

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
 Data File : VX011995.D
 Acq On : 01 Sep 2019 16:35
 Operator : SY/SP
 Sample : VX0901SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Quant Time: Sep 02 03:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	380046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	494392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	462849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	165102	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	5.48	113	156825	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	565600	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	236625	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52119	22.722	ug/l	98
3) Chloromethane	1.31	50	48201	18.127	ug/l	100
4) Vinyl Chloride	1.39	62	49869	19.640	ug/l	99
5) Bromomethane	1.62	94	36142	20.572	ug/l	98
6) Chloroethane	1.70	64	31452	19.903	ug/l	97
7) Trichlorofluoromethane	1.91	101	92462	20.968	ug/l	100
8) Diethyl Ether	2.17	74	27862	18.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60102	20.912	ug/l	97
10) Methyl Iodide	2.49	142	40652	15.679	ug/l	99
11) Tert butyl alcohol	3.03	59	35404	101.065	ug/l	98
12) 1,1-Dichloroethene	2.36	96	53473	20.033	ug/l	96
13) Acrolein	2.28	56	15919	91.301	ug/l	96
14) Allyl chloride	2.71	41	91748	18.324	ug/l	97
15) Acrylonitrile	3.12	53	79211	95.157	ug/l	98
16) Acetone	2.43	43	75865	96.836	ug/l	99
17) Carbon Disulfide	2.55	76	133676	17.460	ug/l	100
18) Methyl Acetate	2.76	43	41111	18.957	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	170357	19.700	ug/l	99
20) Methylene Chloride	2.84	84	64522	15.958	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	61137	19.444	ug/l	98
22) Diisopropyl ether	3.84	45	192203	18.803	ug/l	93
23) Vinyl Acetate	3.80	43	621646	94.591	ug/l	99
24) 1,1-Dichloroethane	3.68	63	107778	19.120	ug/l	99
25) 2-Butanone	4.66	43	109742	96.177	ug/l	99
26) 2,2-Dichloropropane	4.56	77	101381	21.444	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	74219	20.040	ug/l	99
28) Bromochloromethane	5.00	49	47343	18.717	ug/l	96
29) Tetrahydrofuran	5.11	42	68333	95.946	ug/l	97
30) Chloroform	5.19	83	120477	19.989	ug/l	96
31) Cyclohexane	5.56	56	90779	19.966	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	111545	20.835	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82422	21.043	ug/l	99
37) Ethyl Acetate	4.82	43	47337	20.417	ug/l	99
38) Carbon Tetrachloride	5.77	117	101599	22.366	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
 Data File : VX011995.D
 Acq On : 01 Sep 2019 16:35
 Operator : SY/SP
 Sample : VX0901SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0901SBS02

Quant Time: Sep 02 03:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	102792	22.033	ug/l	95
40) Benzene	6.13	78	243921	20.863	ug/l	100
41) Methacrylonitrile	5.03	41	27548	20.180	ug/l	98
42) 1,2-Dichloroethane	6.18	62	84634	21.287	ug/l	100
43) Isopropyl Acetate	6.43	43	95119	20.235	ug/l	99
44) Trichloroethene	7.20	130	78720	21.762	ug/l	97
45) 1,2-Dichloropropane	7.50	63	62082	20.300	ug/l	99
46) Dibromomethane	7.65	93	38276	21.089	ug/l	97
47) Bromodichloromethane	7.89	83	93654	20.809	ug/l	97
48) Methyl methacrylate	7.76	41	47295	20.679	ug/l	99
49) 1,4-Dioxane	7.73	88	13432	427.074	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	244188	102.258	ug/l	98
52) Toluene	8.78	92	163026	21.077	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96067	20.838	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	106647	20.608	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56680	21.332	ug/l	97
56) Ethyl methacrylate	9.17	69	75226	20.399	ug/l	99
57) 1,3-Dichloropropane	9.37	76	91899	20.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	183913	104.710	ug/l	97
59) 2-Hexanone	9.49	43	175140	103.251	ug/l	98
60) Dibromochloromethane	9.57	129	76897	21.548	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55622	21.114	ug/l	99
64) Tetrachloroethene	9.33	164	83650	22.468	ug/l	97
65) Chlorobenzene	10.14	112	193646	21.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	79786	21.997	ug/l	99
67) Ethyl Benzene	10.25	91	329945	21.626	ug/l	99
68) m/p-Xylenes	10.35	106	257787	43.758	ug/l	98
69) o-Xylene	10.70	106	124021	21.603	ug/l	99
70) Styrene	10.71	104	216181	21.364	ug/l	99
71) Bromoform	10.85	173	57048	22.243	ug/l #	99
73) Isopropylbenzene	11.01	105	345269	21.518	ug/l	100
74) N-amyl acetate	10.89	43	93363	19.607	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	68311	20.802	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73233	26.659	ug/l	85
77) Bromobenzene	11.25	156	99423	21.365	ug/l	97
78) n-propylbenzene	11.35	91	390040	21.437	ug/l	99
79) 2-Chlorotoluene	11.42	91	229415	20.947	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	291492	21.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21553	19.710	ug/l	98
82) 4-Chlorotoluene	11.51	91	276891	20.957	ug/l	99
83) tert-Butylbenzene	11.76	119	309366	22.014	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	297751	20.978	ug/l	100
85) sec-Butylbenzene	11.94	105	356589	21.846	ug/l	99
86) p-Isopropyltoluene	12.06	119	345916	21.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185589	21.458	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	184527	21.105	ug/l	99
89) n-Butylbenzene	12.39	91	299210	21.367	ug/l	99
90) Hexachloroethane	12.59	117	63782	20.830	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	174257	21.671	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13067	19.976	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011995.D
Acq On : 01 Sep 2019 16:35
Operator : SY/SP
Sample : VX0901SBS02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 10 Sample Multiplier: 1

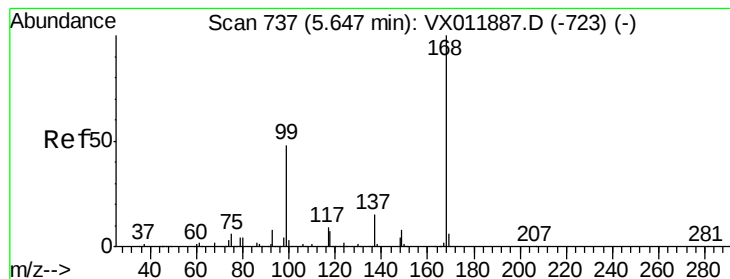
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Quant Time: Sep 02 03:54:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141020	20.828	ug/l	99
94) Hexachlorobutadiene	13.78	225	102006	22.559	ug/l	98
95) Naphthalene	13.83	128	227082	19.542	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125752	20.539	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

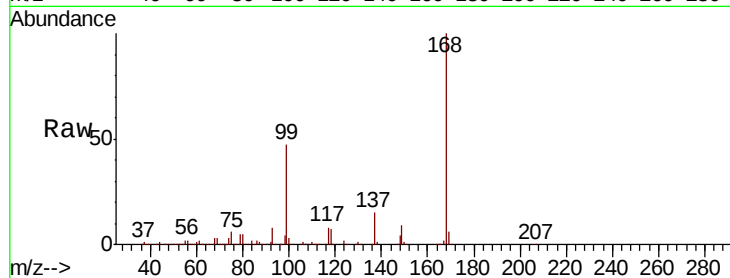
VX0901SBSD02

Tgt Ion:168 Resp: 380046

Ion Ratio Lower Upper

168 100

99 46.5 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

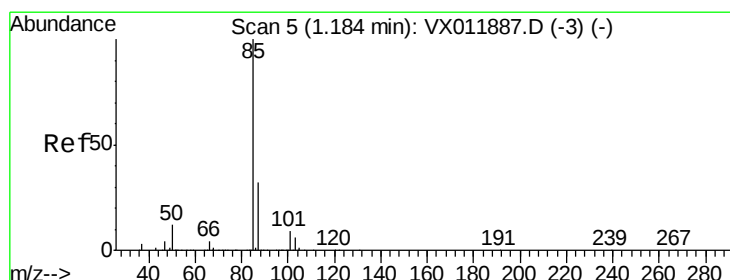
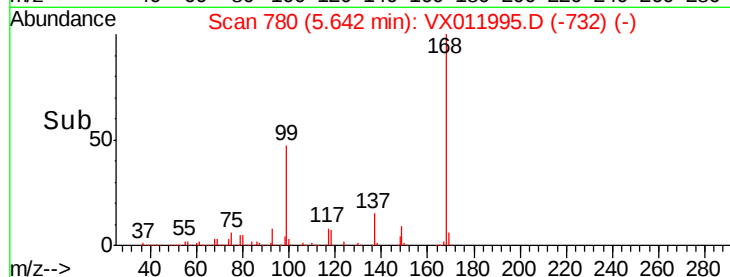
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.722 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011995.D

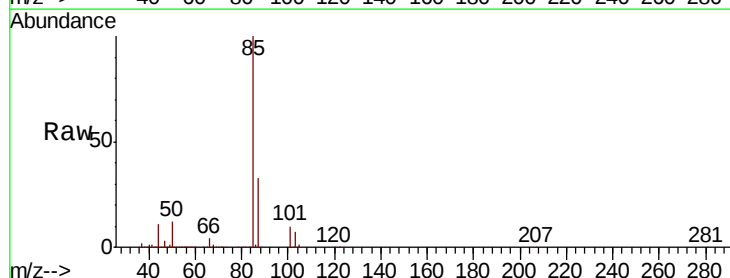
Acq: 01 Sep 2019 16:35

Tgt Ion: 85 Resp: 52119

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

30000

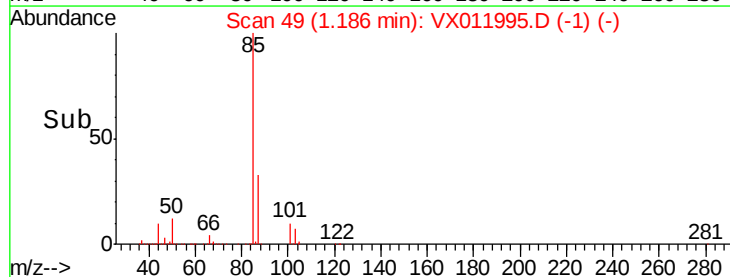
20000

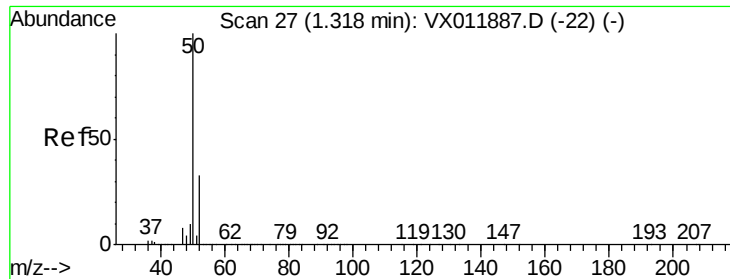
10000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 18.127 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

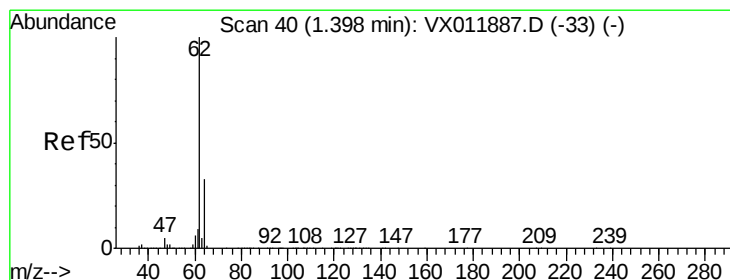
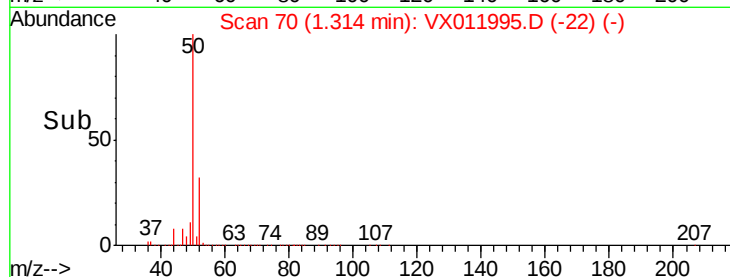
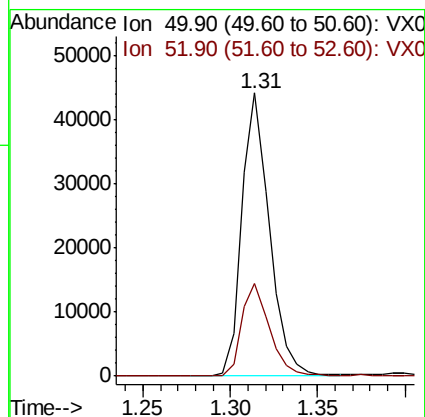
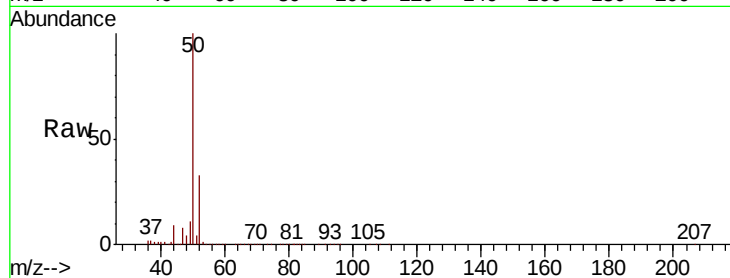
VX0901SBSD02

Tgt Ion: 50 Resp: 48201

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 19.640 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011995.D

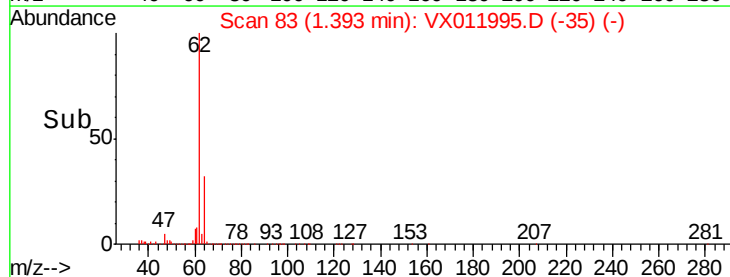
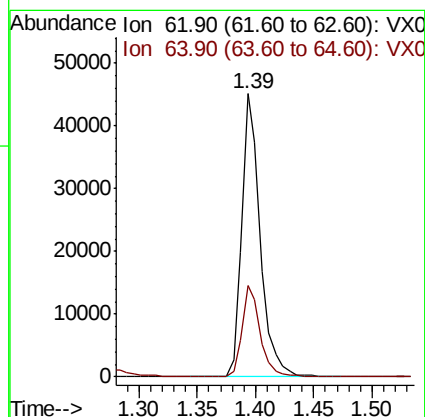
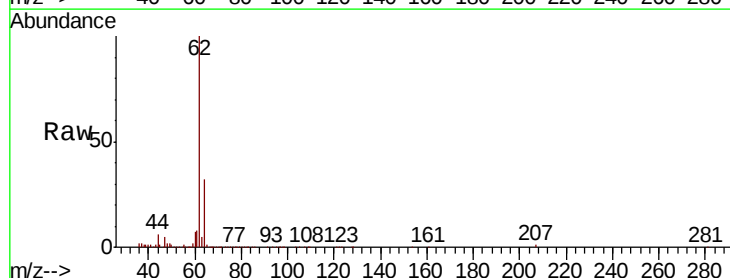
Acq: 01 Sep 2019 16:35

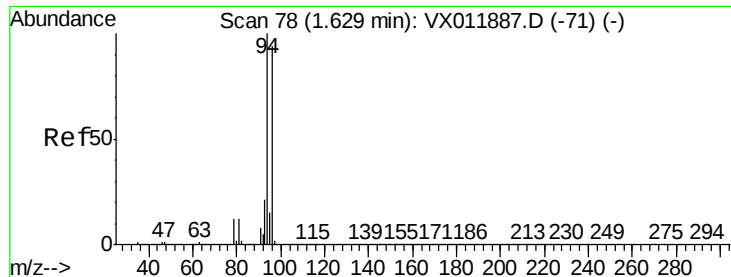
Tgt Ion: 62 Resp: 49869

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 20.572 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

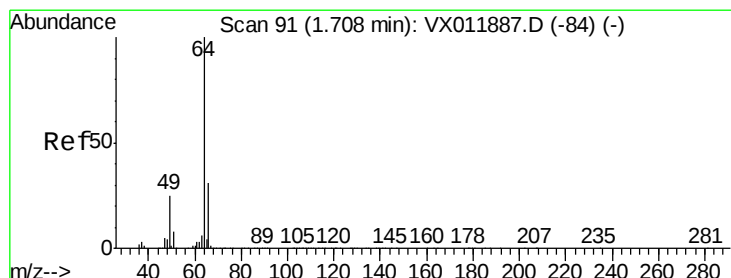
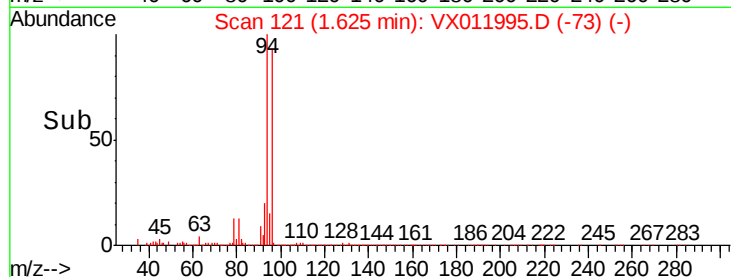
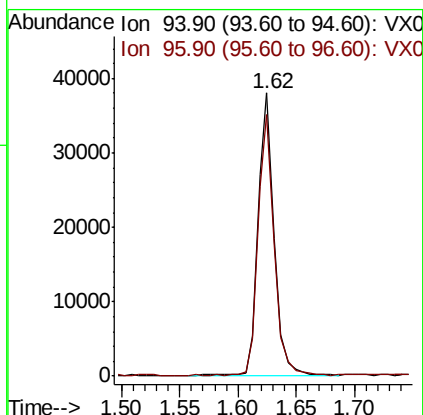
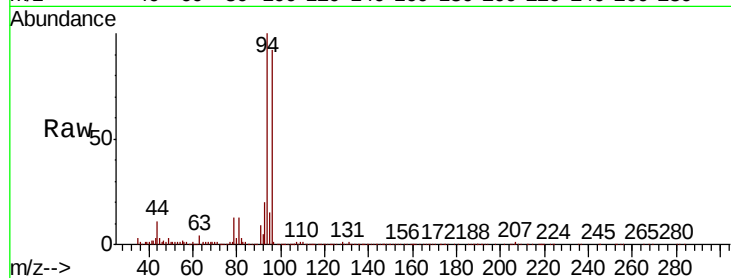
VX0901SBSD02

Tgt Ion: 94 Resp: 36142

Ion Ratio Lower Upper

94 100

96 92.2 75.0 112.6



#6

Chloroethane

Concen: 19.903 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX011995.D

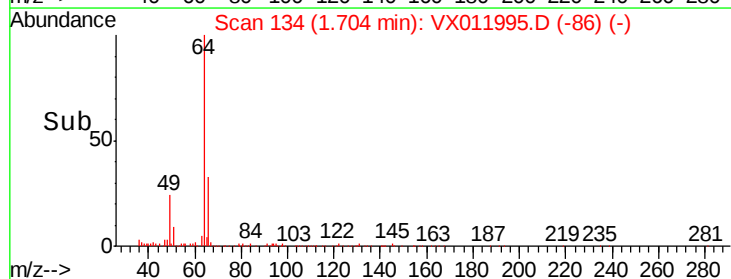
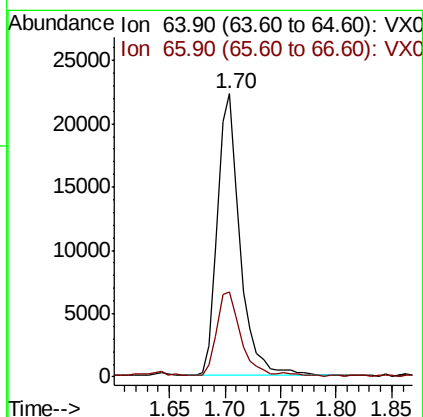
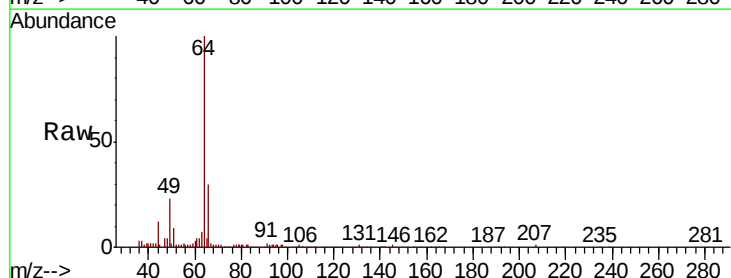
Acq: 01 Sep 2019 16:35

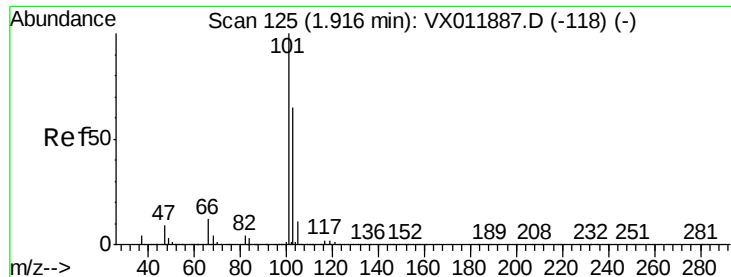
Tgt Ion: 64 Resp: 31452

Ion Ratio Lower Upper

64 100

66 29.8 25.0 37.4



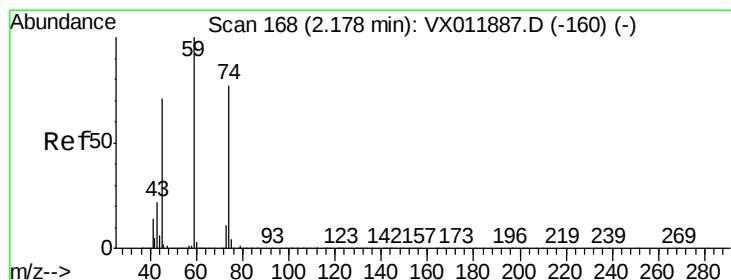
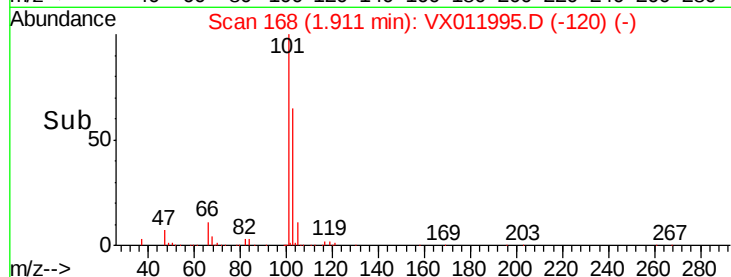
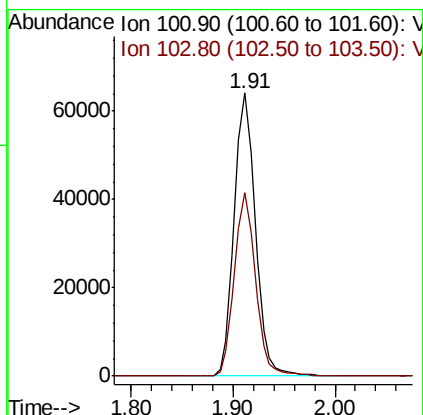
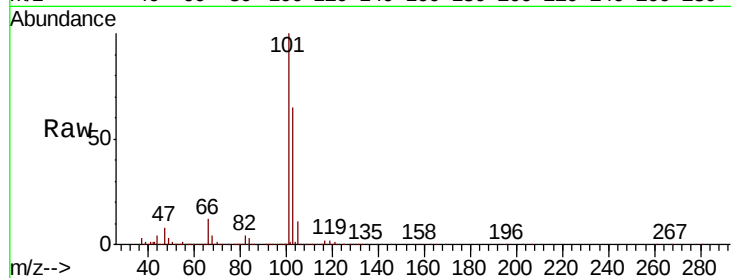


#7

Trichlorofluoromethane
Concen: 20.968 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

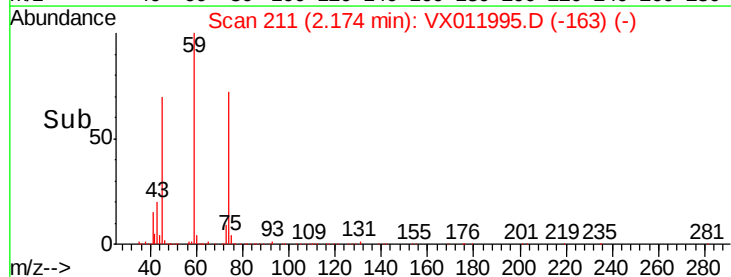
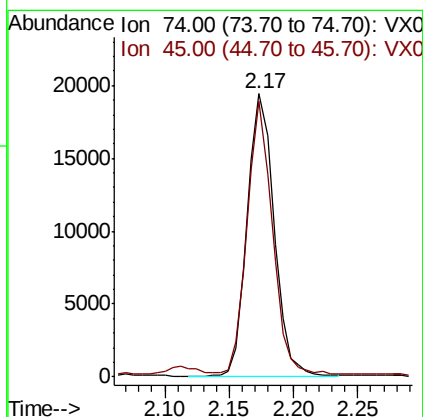
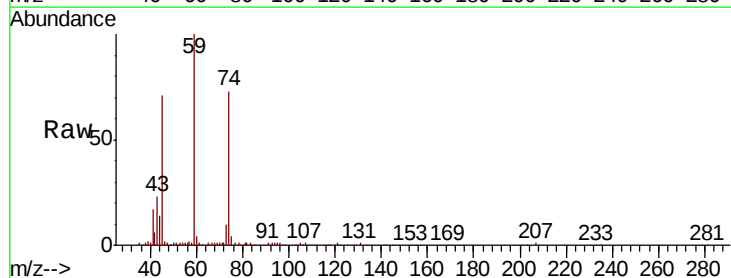
Tgt Ion:101 Resp: 92462
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

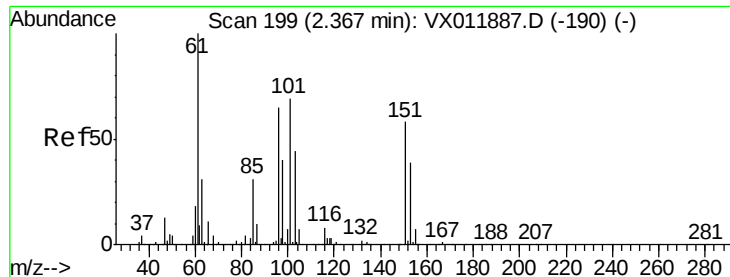


#8

Diethyl Ether
Concen: 18.385 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 74 Resp: 27862
Ion Ratio Lower Upper
74 100
45 91.1 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.912 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

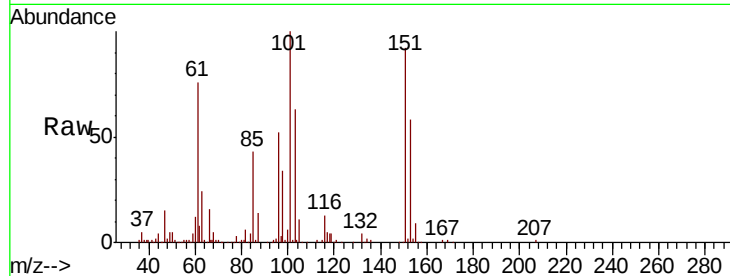
Tgt Ion:101 Resp: 60102

Ion Ratio Lower Upper

101 100

85 44.1 34.9 52.3

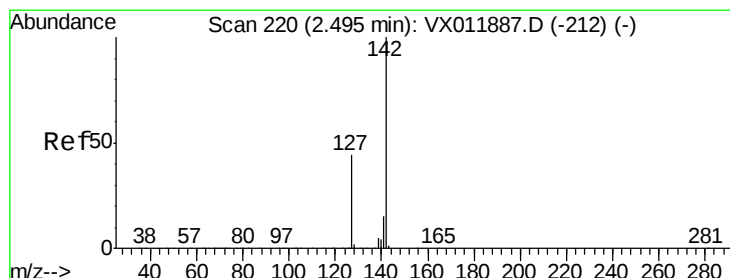
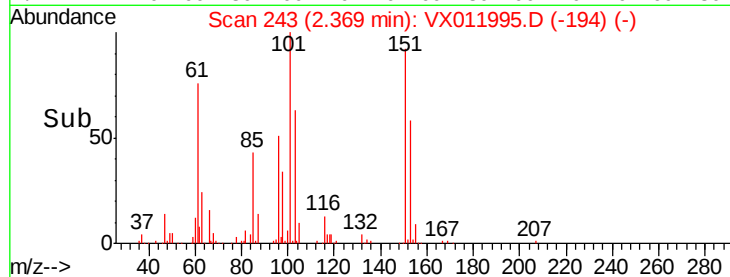
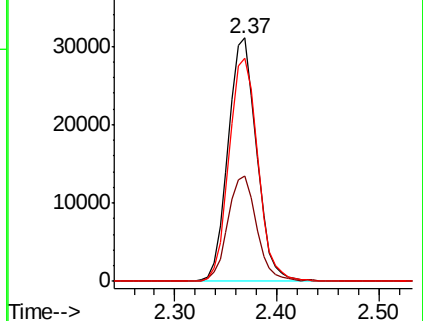
151 92.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.679 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

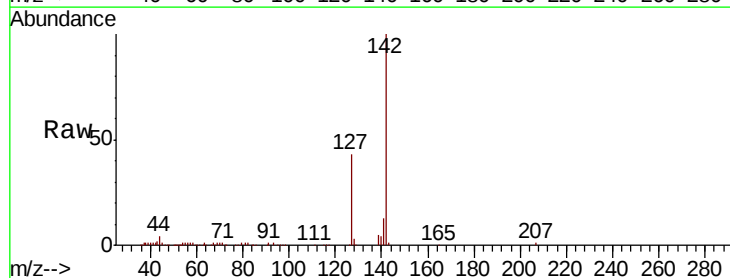
Tgt Ion:142 Resp: 40652

Ion Ratio Lower Upper

142 100

127 44.4 35.7 53.5

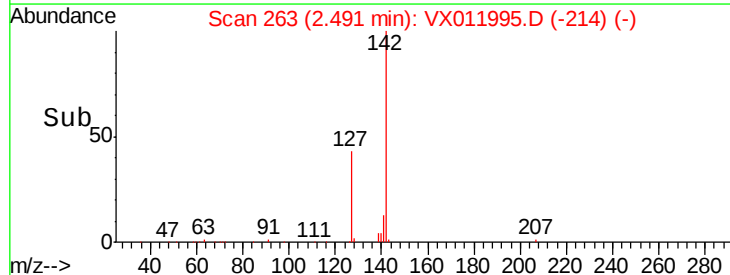
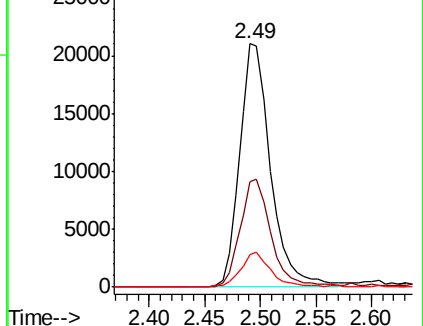
141 14.1 11.8 17.6

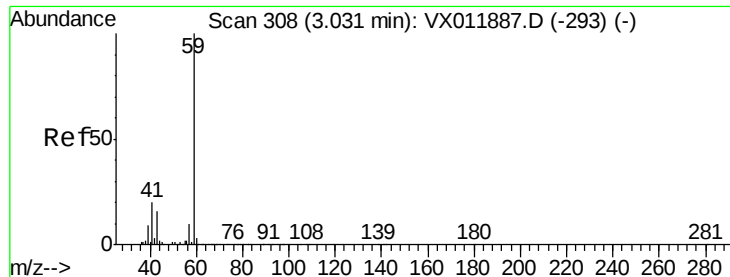


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

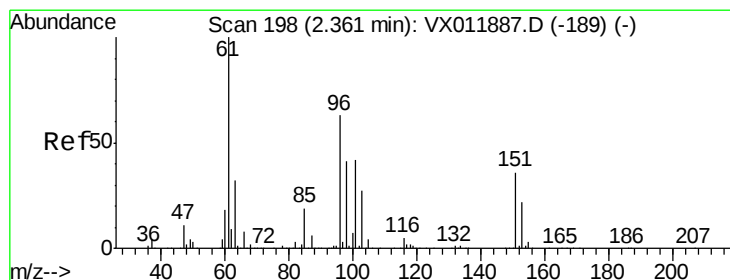
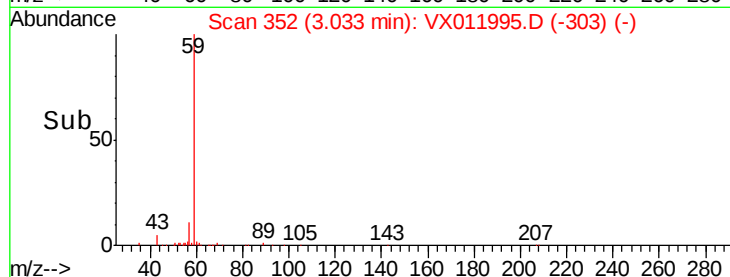
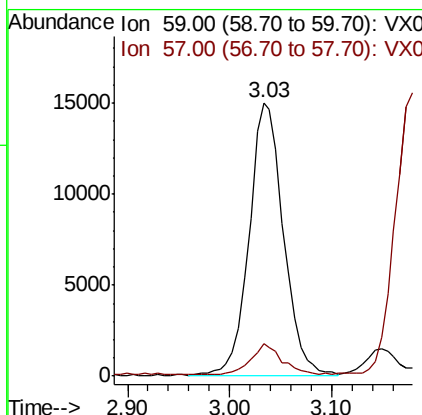
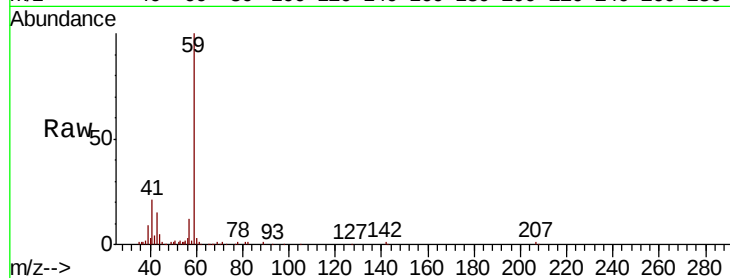




#11
Tert butyl alcohol
Concen: 101.065 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

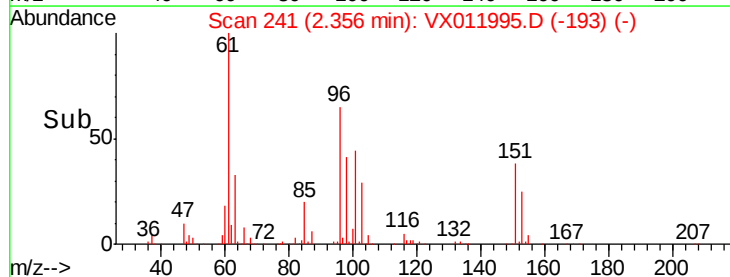
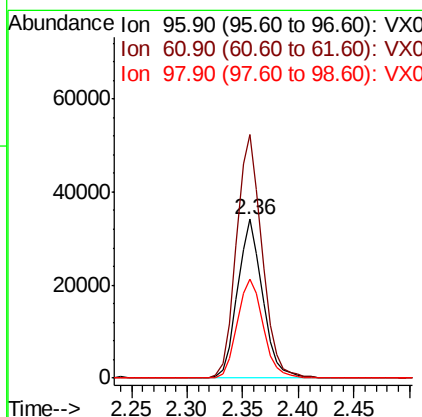
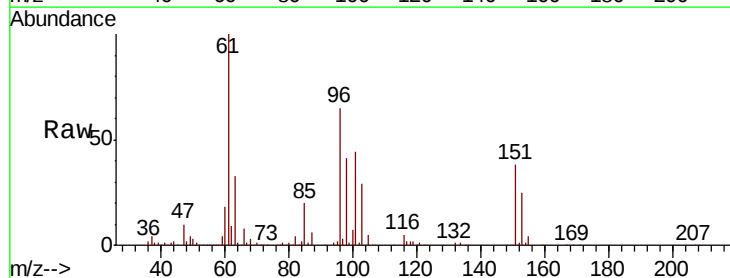
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

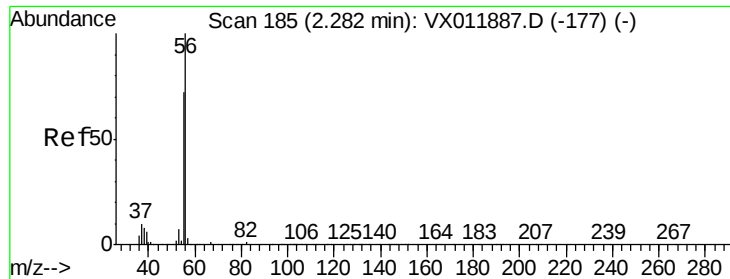
Tgt Ion: 59 Resp: 35404
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.033 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 96 Resp: 53473
Ion Ratio Lower Upper
96 100
61 153.2 126.6 190.0
98 62.4 51.6 77.4





#13

Acrolein

Concen: 91.301 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

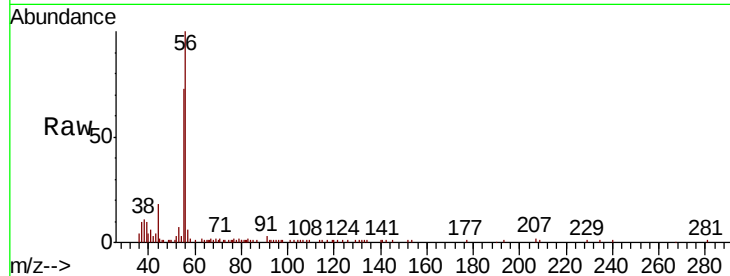
VX0901SBSD02

Tgt Ion: 56 Resp: 15919

Ion Ratio Lower Upper

56 100

55 76.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

12000

10000

8000

6000

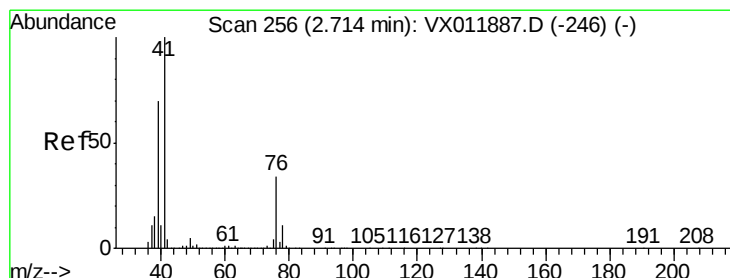
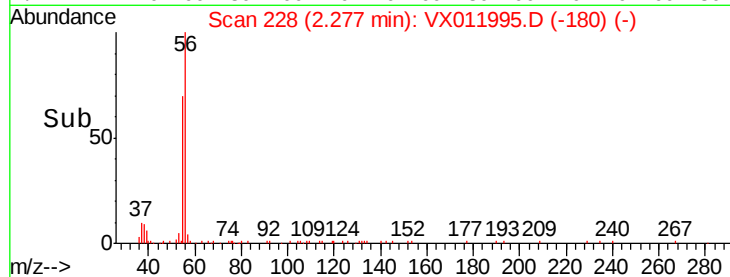
4000

2000

0

2.20 2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 18.324 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

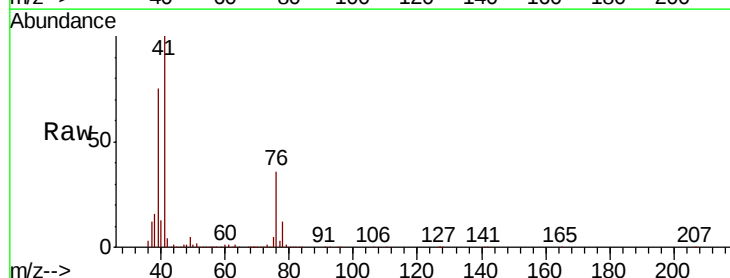
Tgt Ion: 41 Resp: 91748

Ion Ratio Lower Upper

41 100

39 71.0 55.0 82.6

76 35.7 27.0 40.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

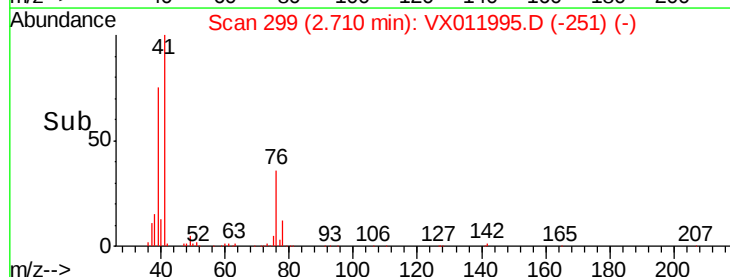
40000

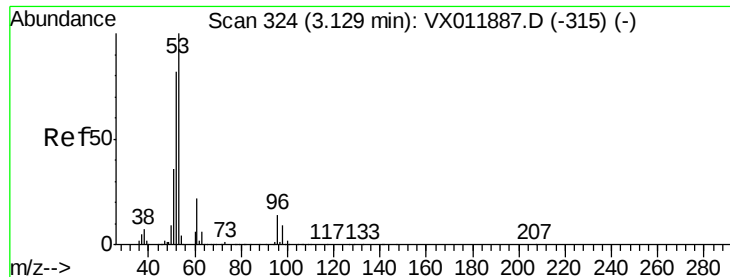
20000

0

2.60 2.70 2.80

Time-->

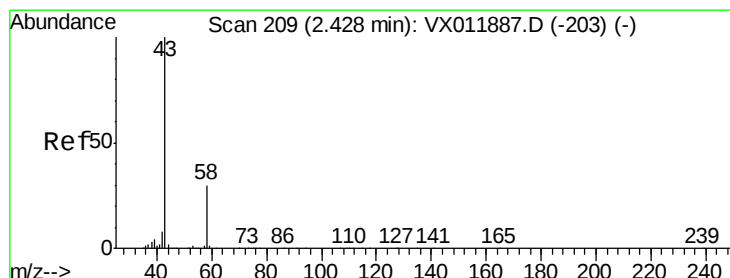
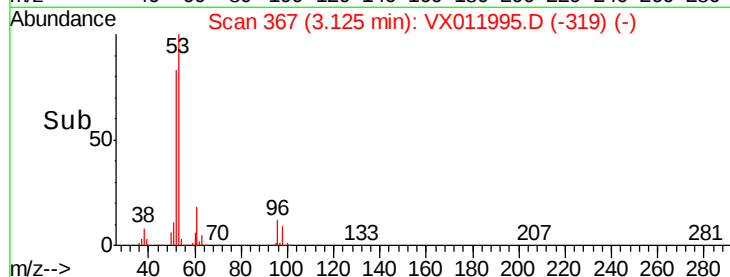
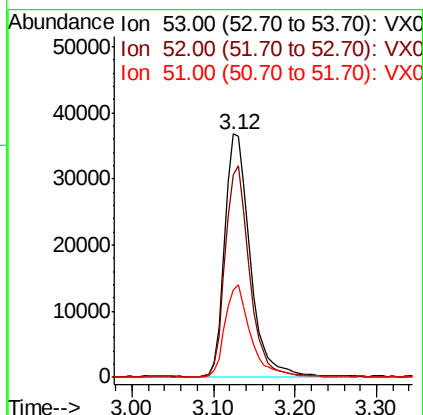
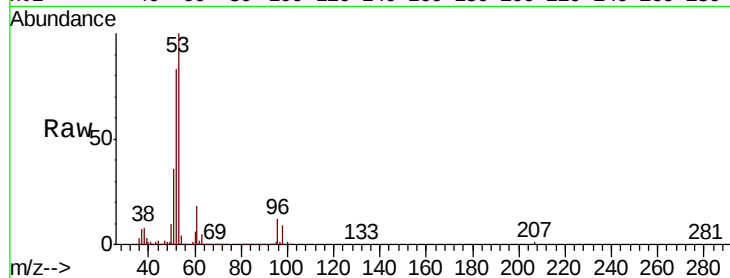




#15
 Acrylonitrile
 Concen: 95.157 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

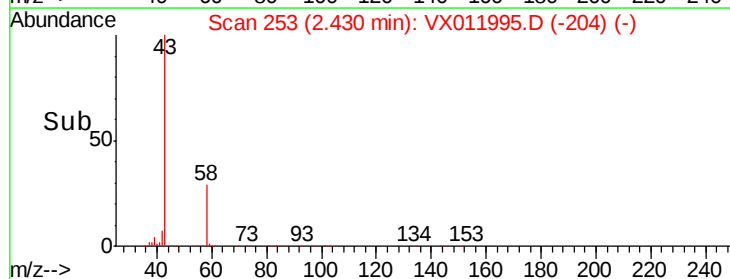
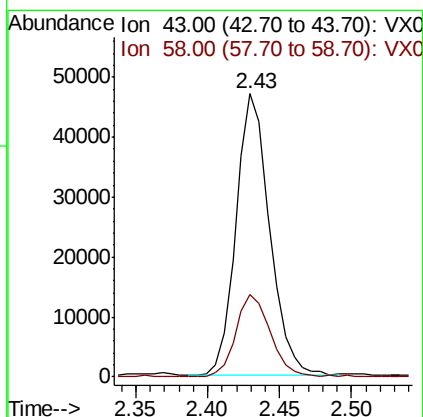
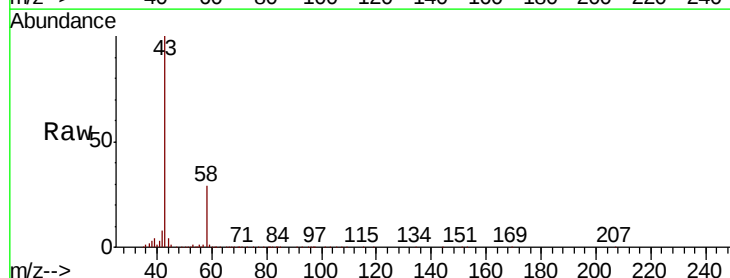
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

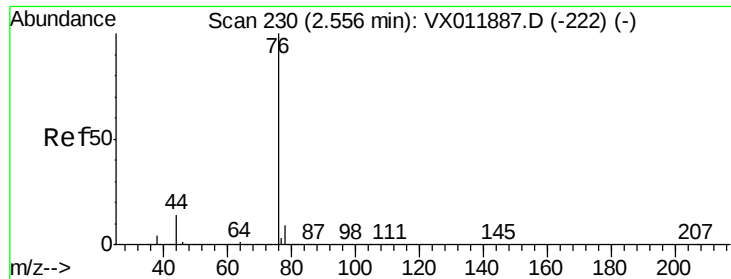
Tgt Ion:	53	Resp:	79211
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.3	97.9
51	37.8	29.4	44.2



#16
 Acetone
 Concen: 96.836 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion:	43	Resp:	75865
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.8	35.8

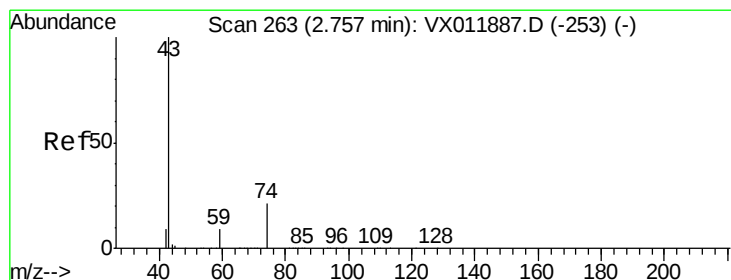
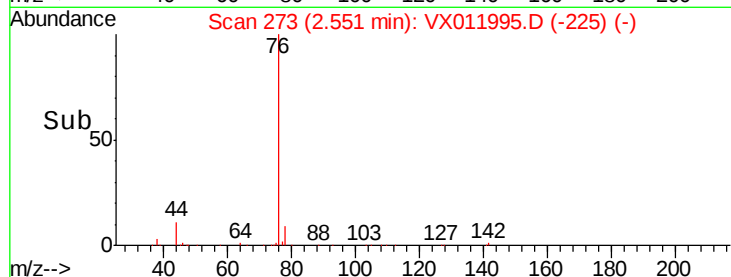
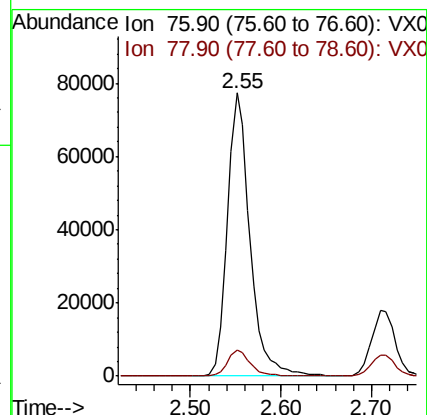
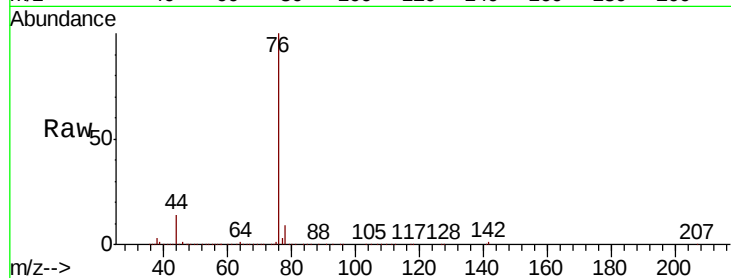




#17
Carbon Disulfide
Concen: 17.460 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

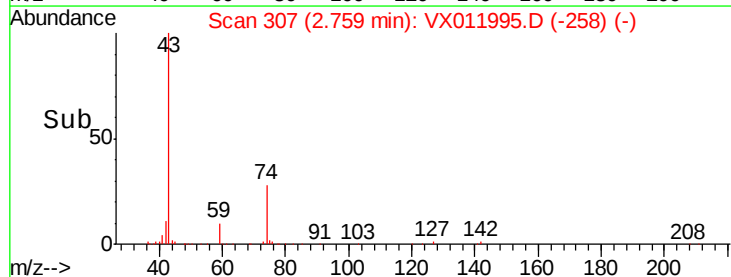
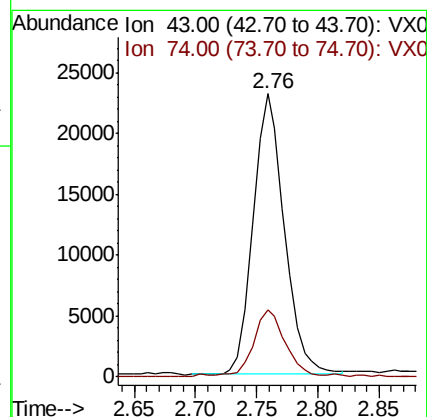
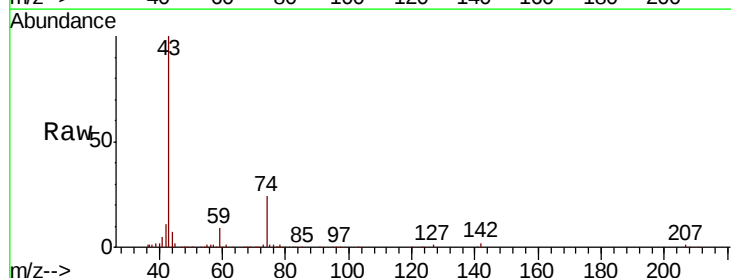
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

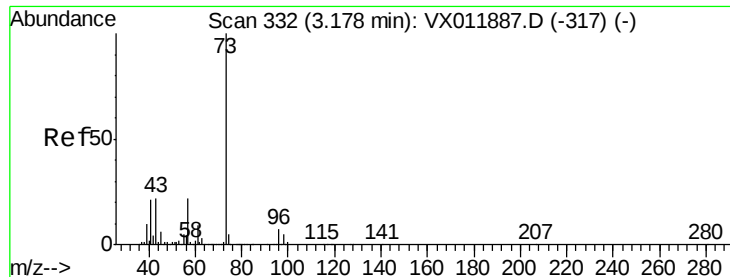
Tgt Ion: 76 Resp: 133676
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 18.957 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 43 Resp: 41111
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6



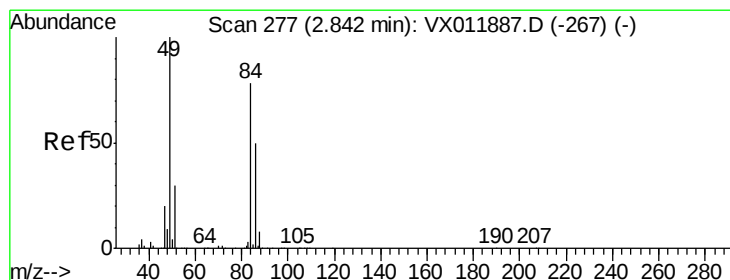
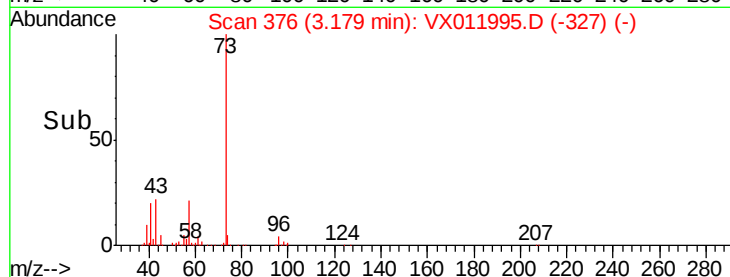
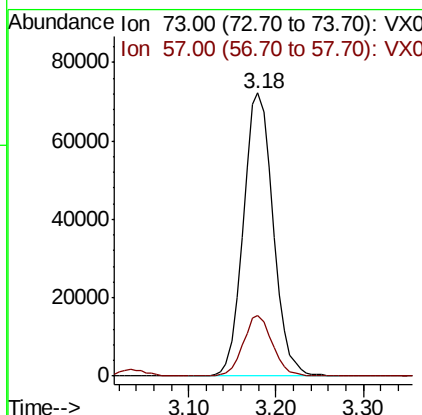
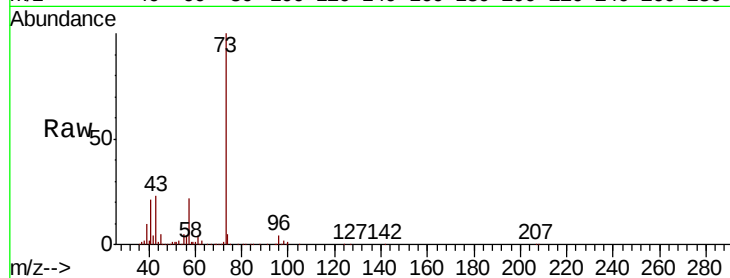


#19

Methyl tert-butyl Ether
 Concen: 19.700 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

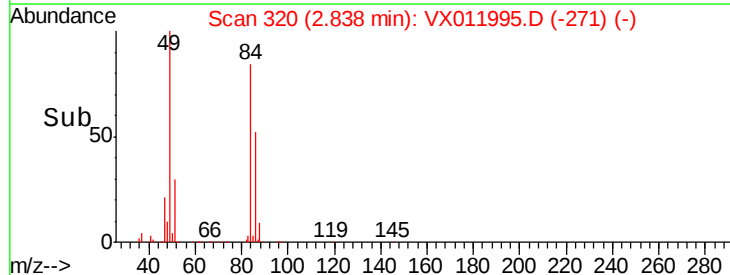
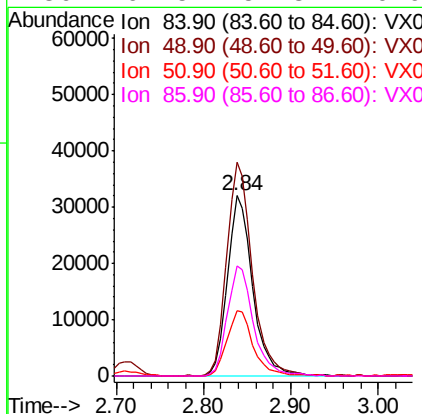
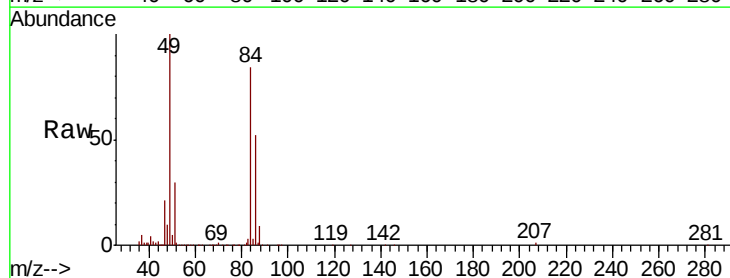
Tgt Ion: 73 Resp: 170357
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.4 26.0

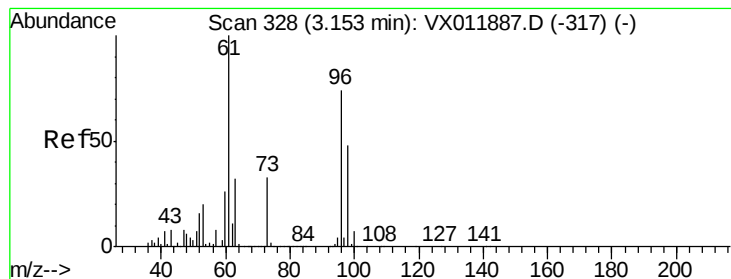


#20

Methylene Chloride
 Concen: 15.958 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion: 84 Resp: 64522
 Ion Ratio Lower Upper
 84 100
 49 118.2 103.0 154.4
 51 35.9 30.8 46.2
 86 61.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.444 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

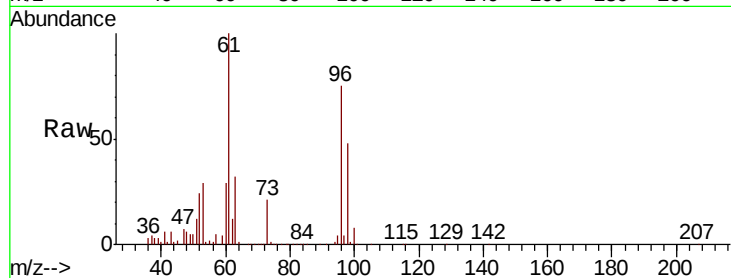
Tgt Ion: 96 Resp: 61137

Ion Ratio Lower Upper

96 100

61 132.4 107.4 161.2

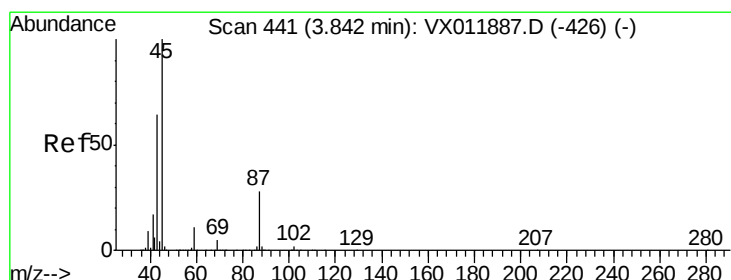
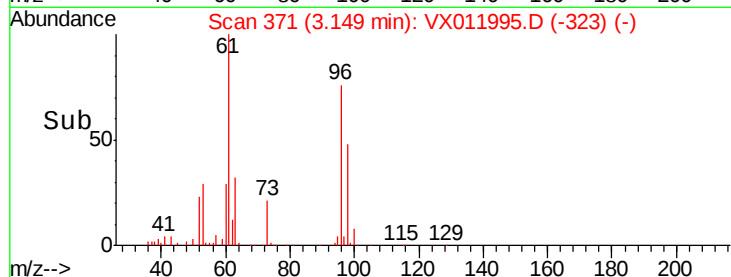
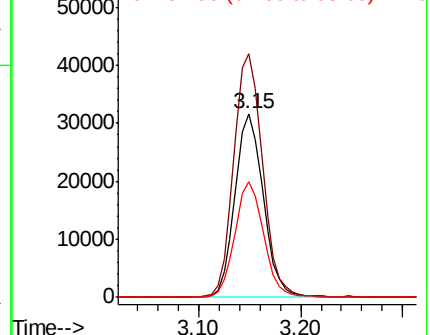
98 63.1 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.803 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Tgt Ion: 45 Resp: 192203

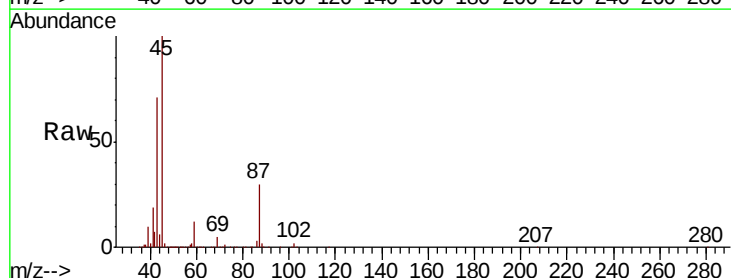
Ion Ratio Lower Upper

45 100

43 71.1 51.0 76.6

87 30.3 22.0 33.0

59 11.8 9.1 13.7

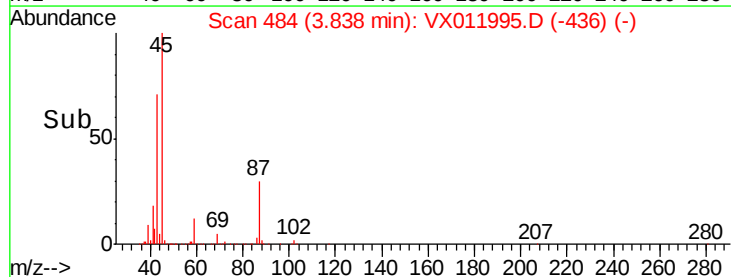
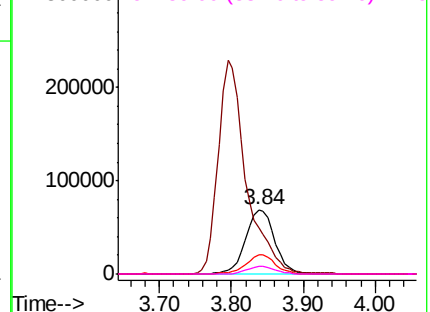


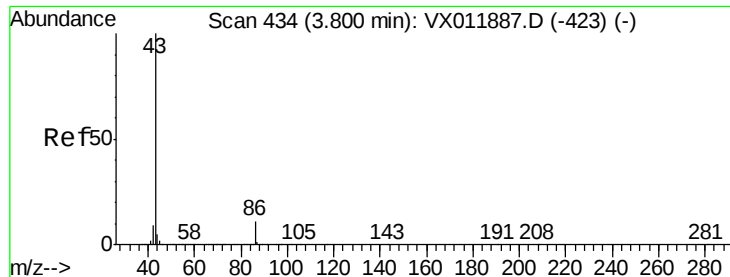
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

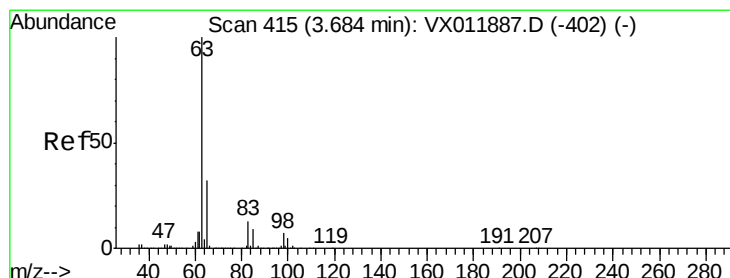
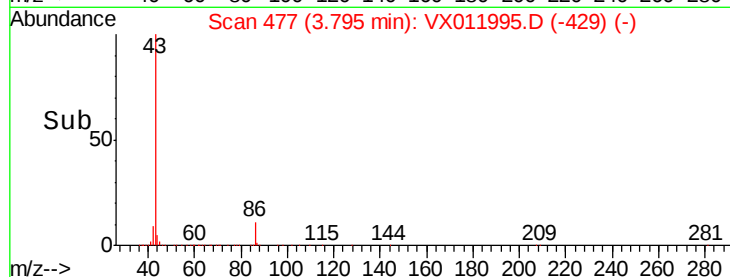
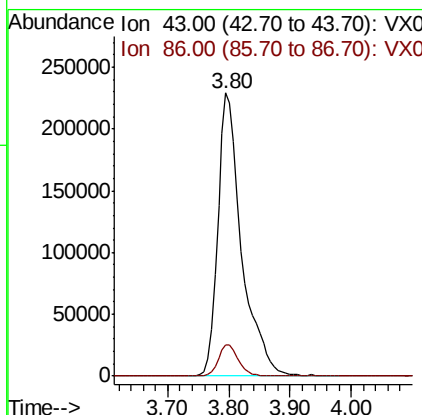
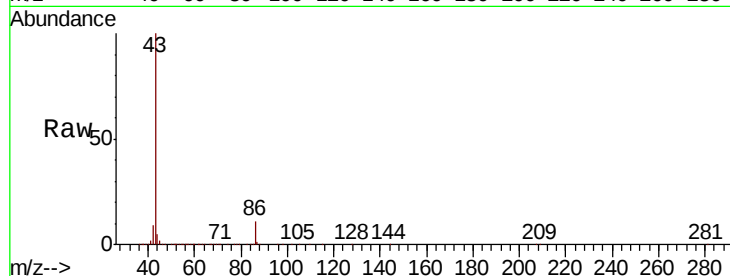




#23
 Vinyl Acetate
 Concen: 94.591 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

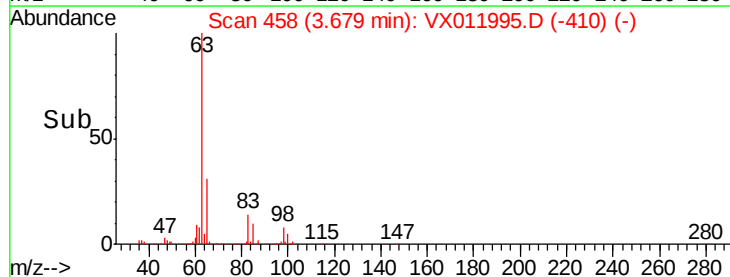
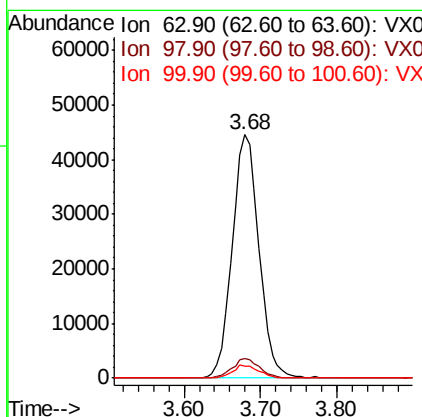
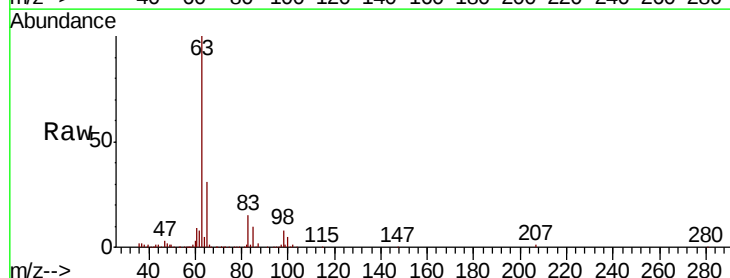
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

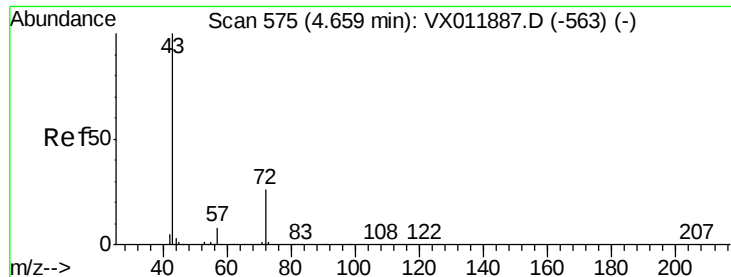
Tgt Ion: 43 Resp: 621646
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 19.120 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion: 63 Resp: 107778
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 96.177 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

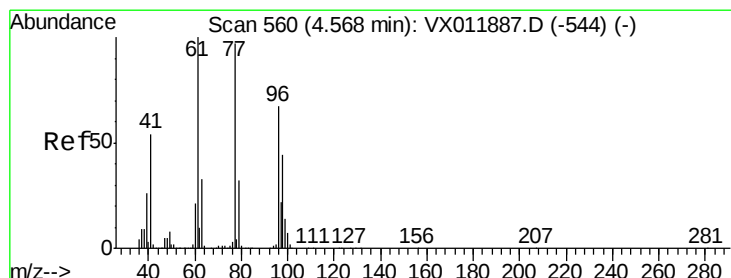
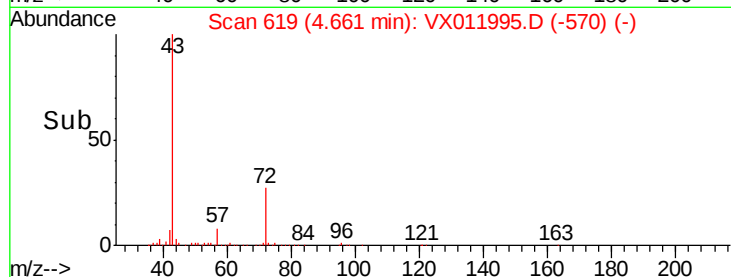
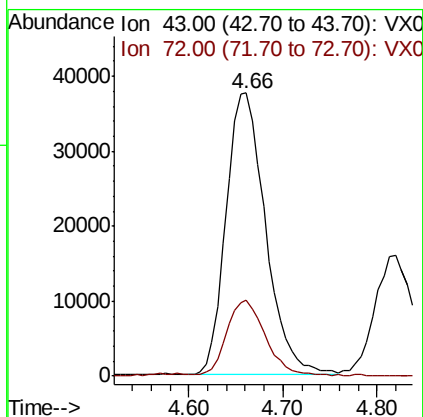
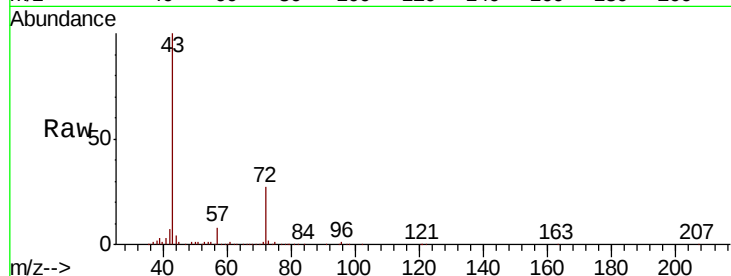
VX0901SBSD02

Tgt Ion: 43 Resp: 109742

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.444 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011995.D

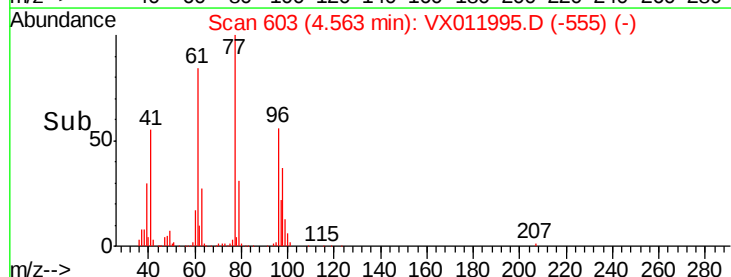
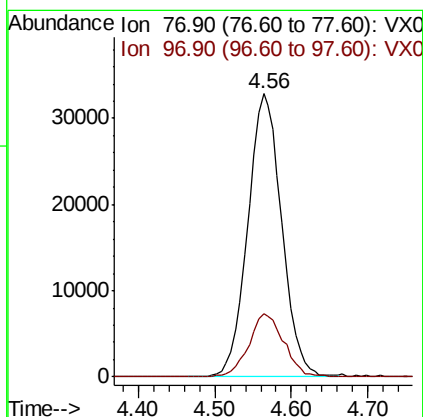
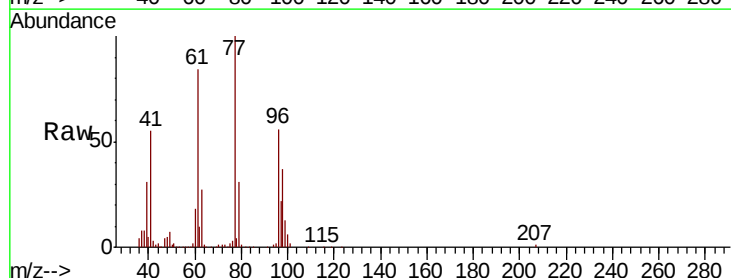
Acq: 01 Sep 2019 16:35

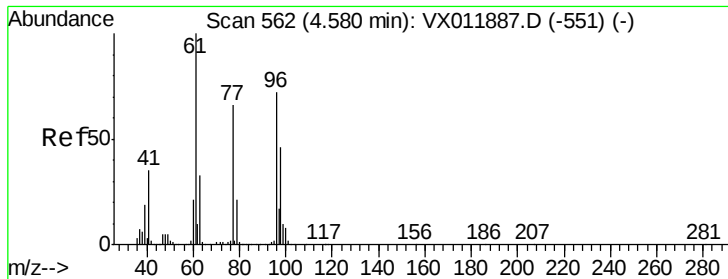
Tgt Ion: 77 Resp: 101381

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1



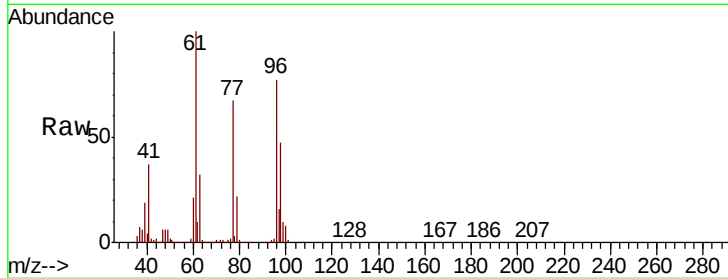


#27

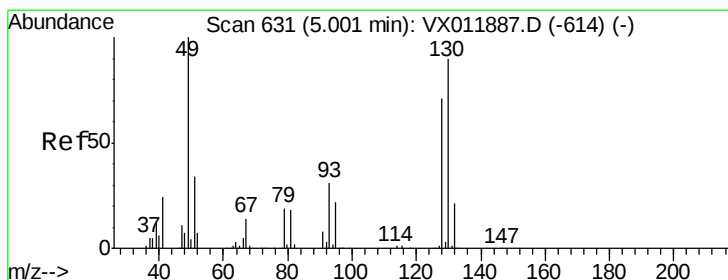
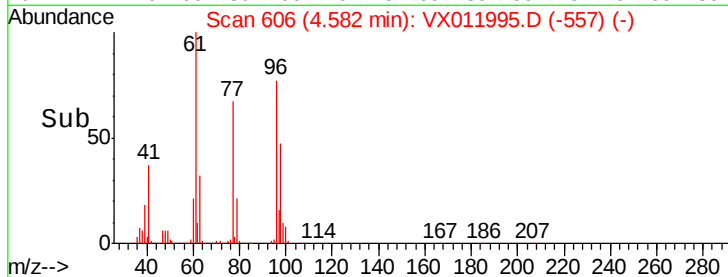
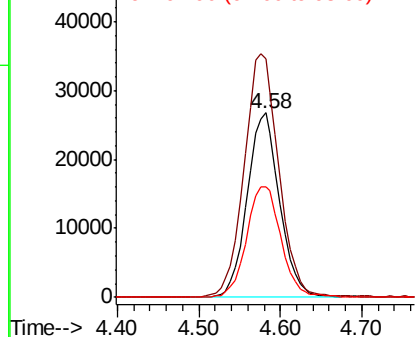
cis-1,2-Dichloroethene
 Concen: 20.040 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

Tgt Ion: 96 Resp: 74219
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 283.8
 98 63.9 0.0 131.2



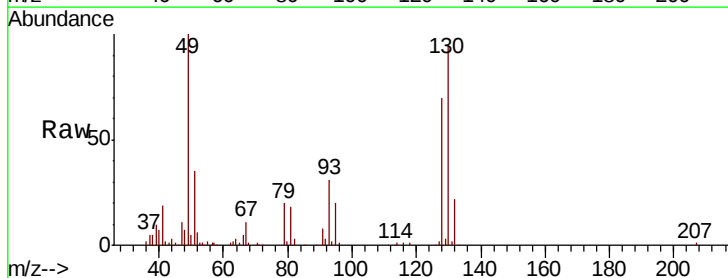
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



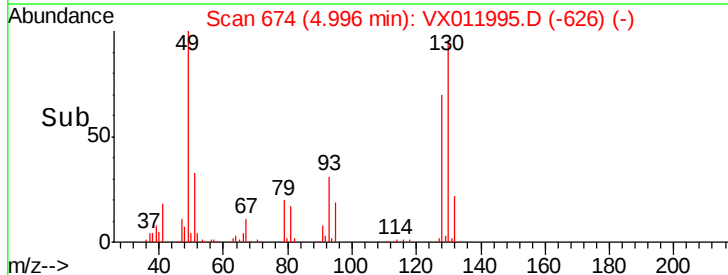
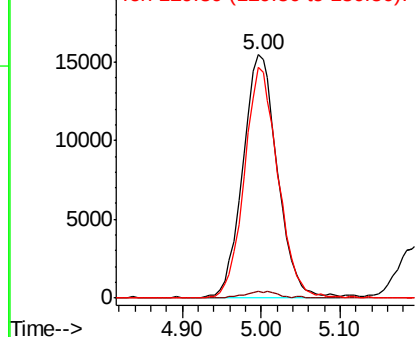
#28

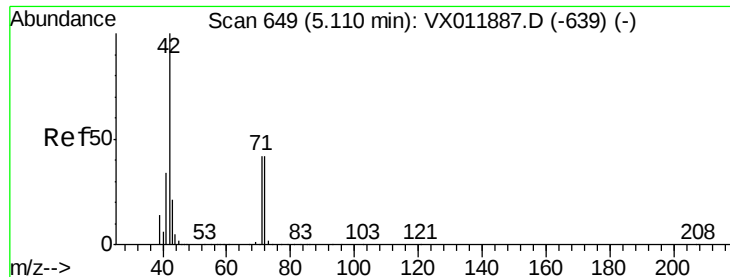
Bromochloromethane
 Concen: 18.717 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion: 49 Resp: 47343
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 91.6 70.6 105.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

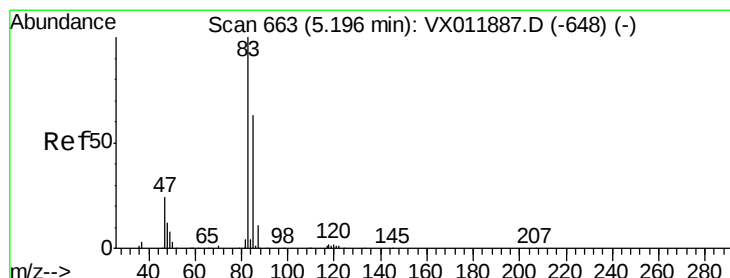
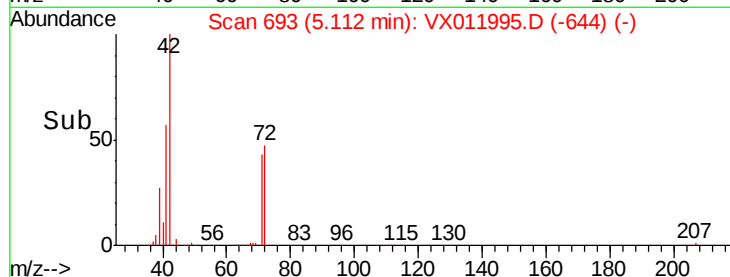
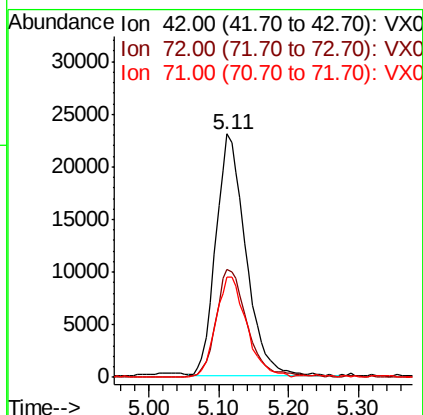
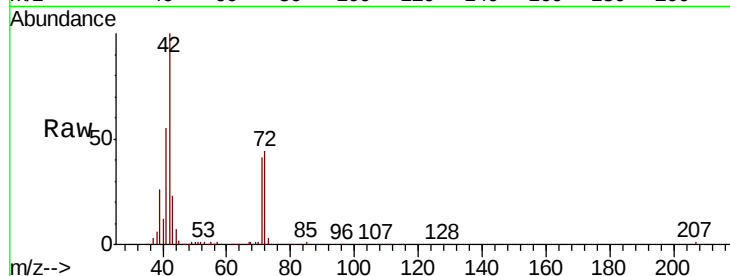




#29
Tetrahydrofuran
Concen: 95.946 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

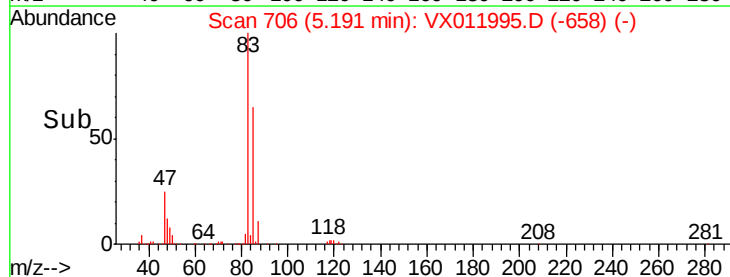
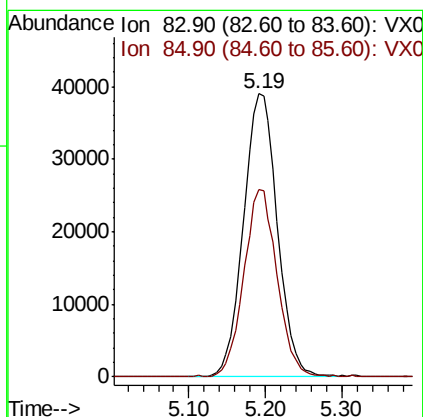
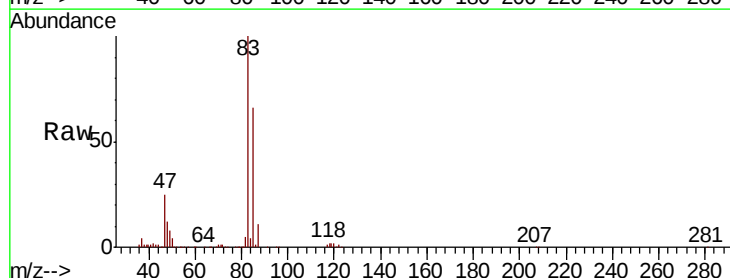
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

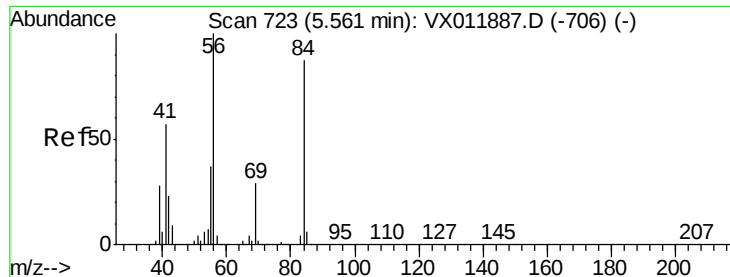
Tgt Ion: 42 Resp: 68333
Ion Ratio Lower Upper
42 100
72 47.1 36.2 54.4
71 42.9 33.1 49.7



#30
Chloroform
Concen: 19.989 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 83 Resp: 120477
Ion Ratio Lower Upper
83 100
85 66.4 50.6 75.8

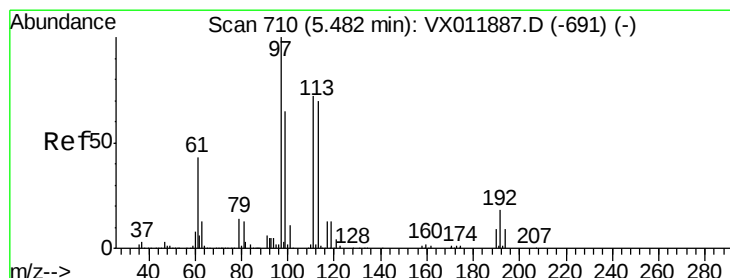
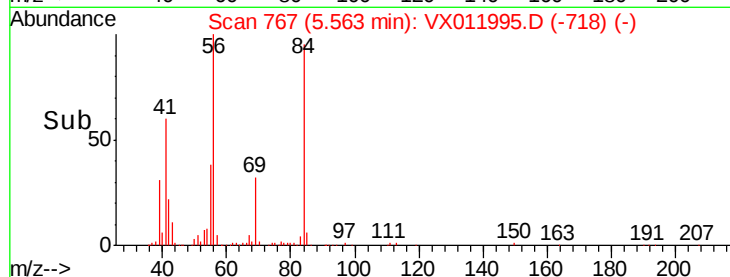
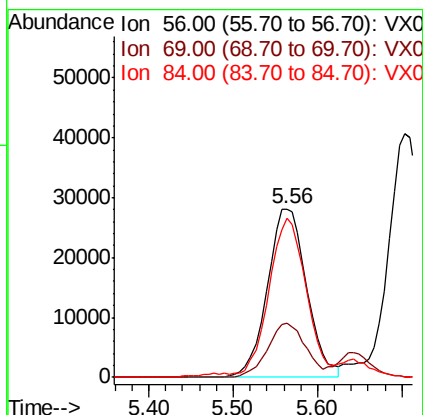
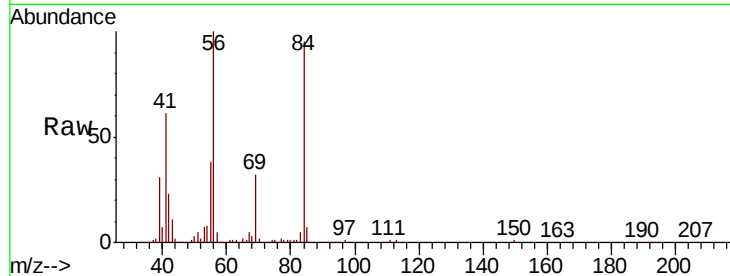




#31
Cyclohexane
Concen: 19.966 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

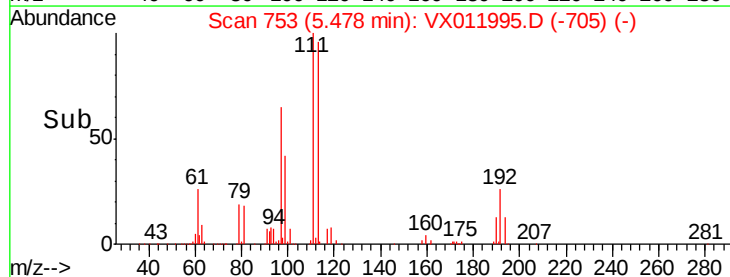
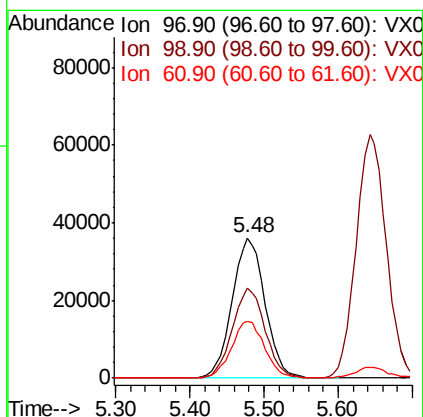
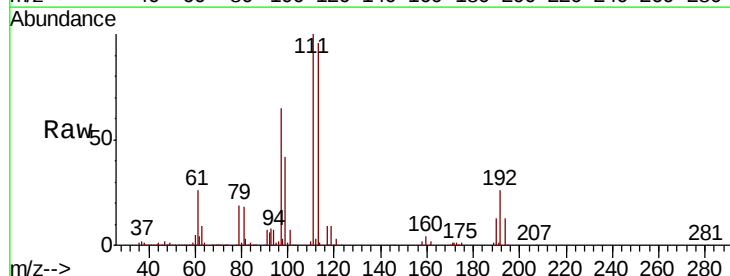
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

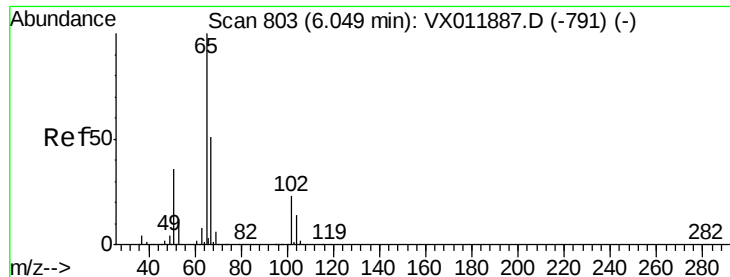
Tgt Ion: 56 Resp: 90779
Ion Ratio Lower Upper
56 100
69 32.1 23.1 34.7
84 93.8 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.835 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 97 Resp: 111545
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 41.1 33.8 50.6

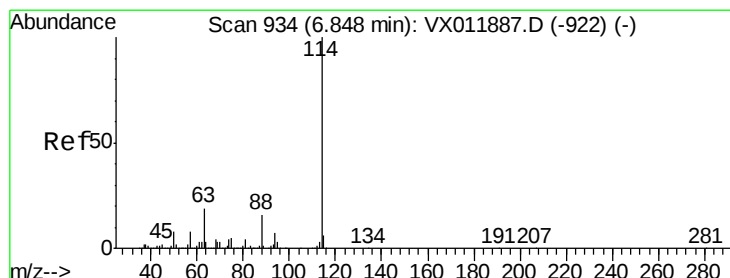
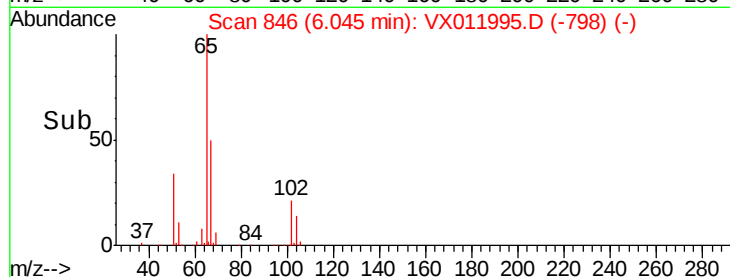
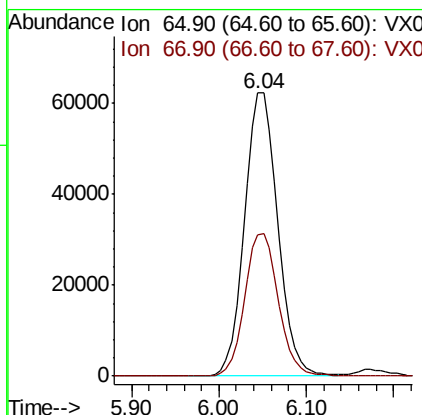
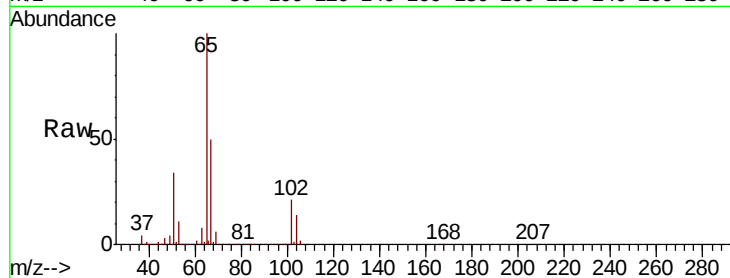




#33
 1,2-Dichloroethane-d4
 Concen: 45.343 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

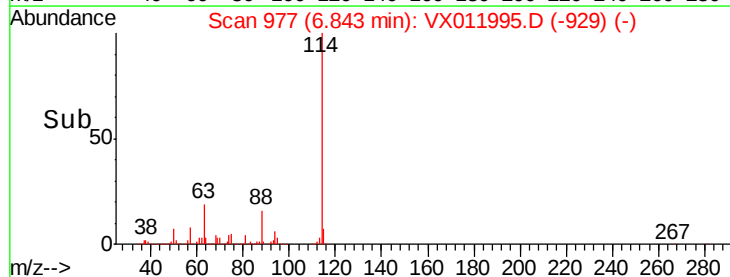
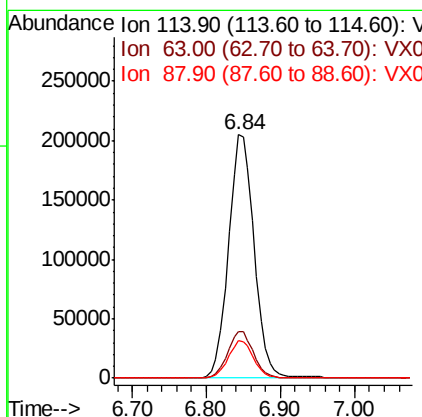
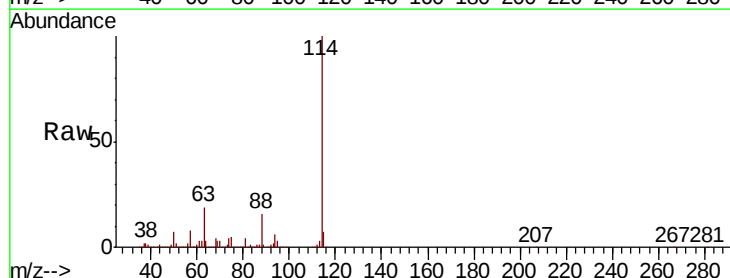
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

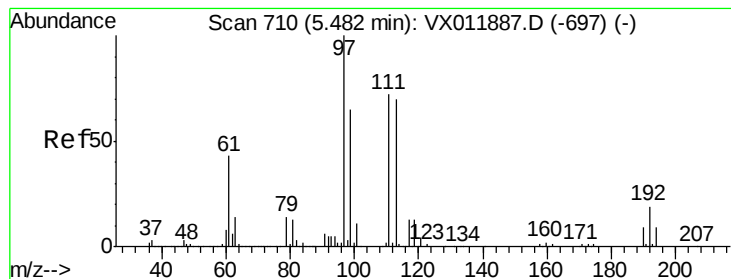
Tgt Ion: 65 Resp: 165102
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion: 114 Resp: 494392
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.468 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

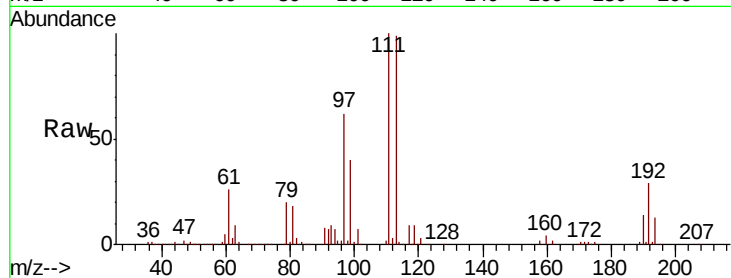
Tgt Ion: 113 Resp: 156825

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

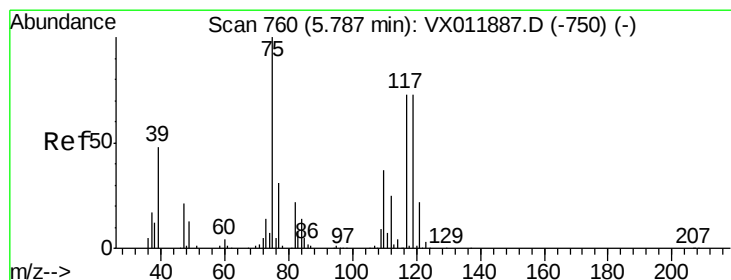
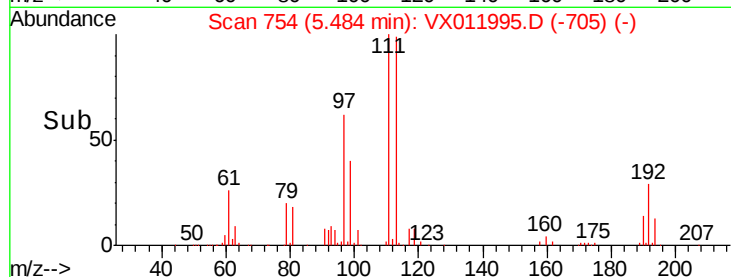
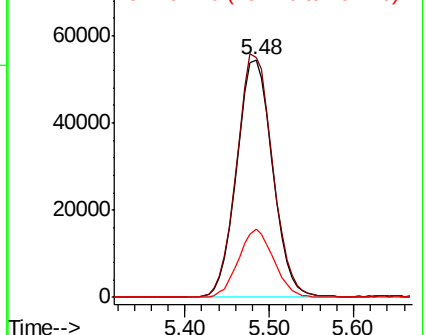
192 28.5 21.5 32.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.043 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

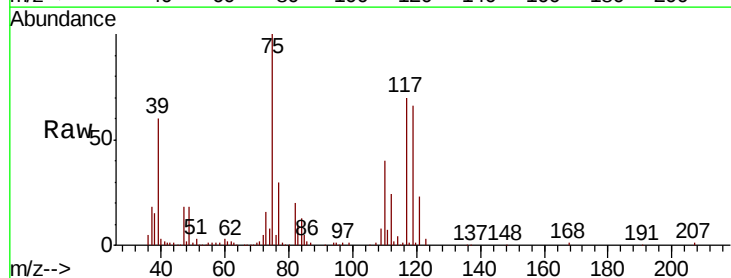
Tgt Ion: 75 Resp: 82422

Ion Ratio Lower Upper

75 100

110 39.4 19.1 57.3

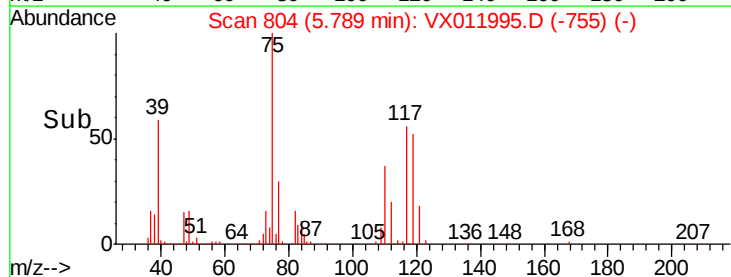
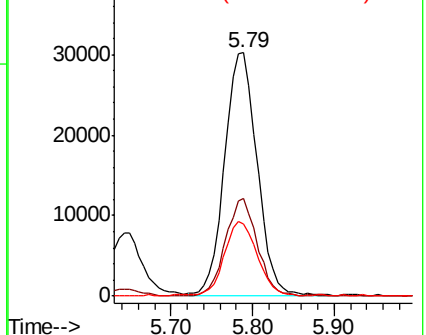
77 30.8 24.4 36.6

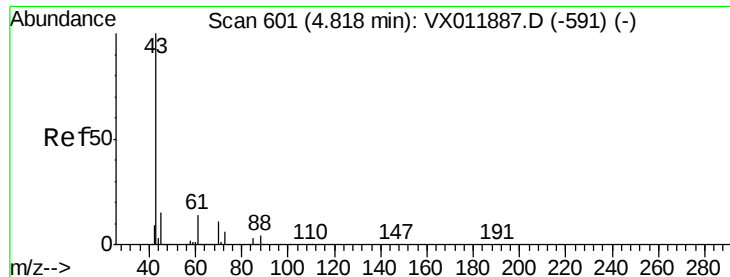


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

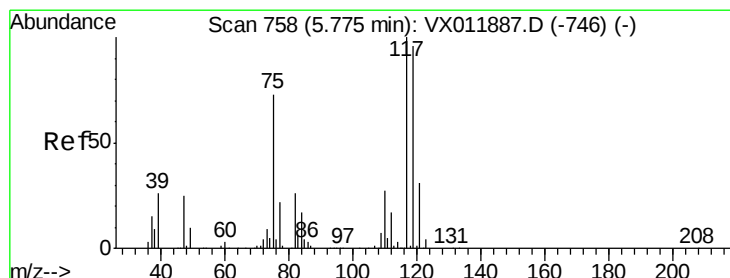
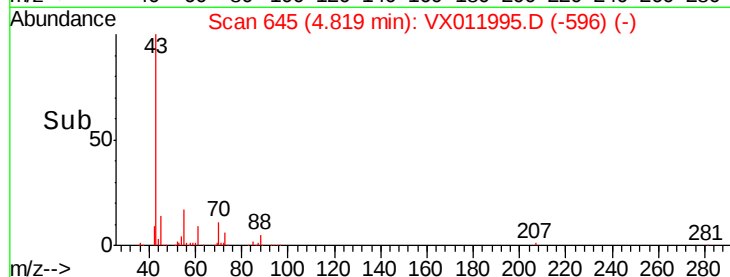
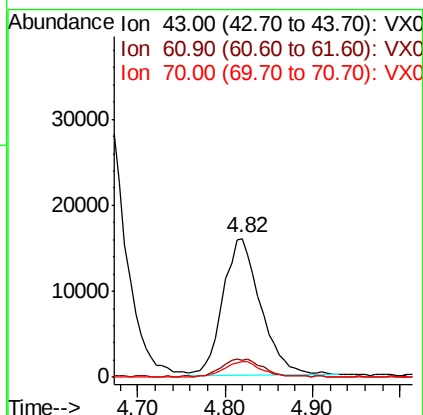
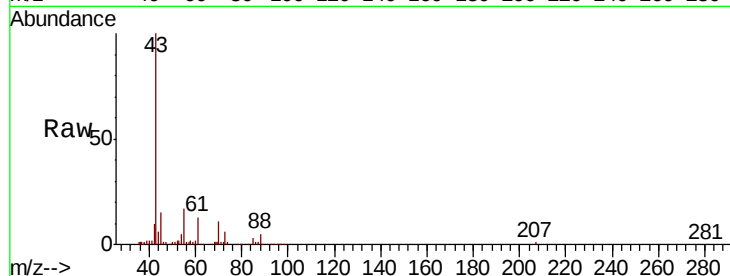




#37
Ethyl Acetate
Concen: 20.417 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

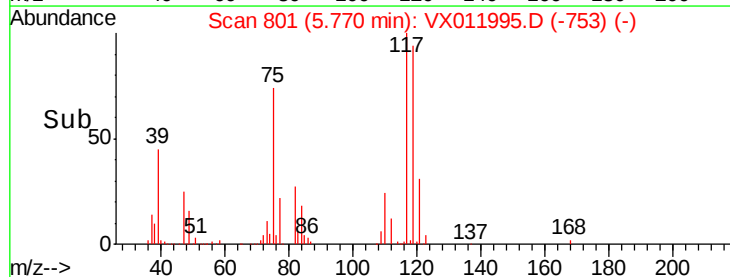
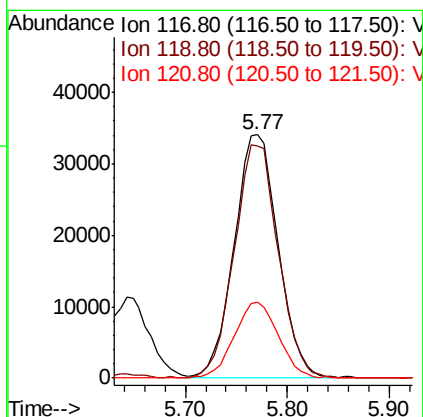
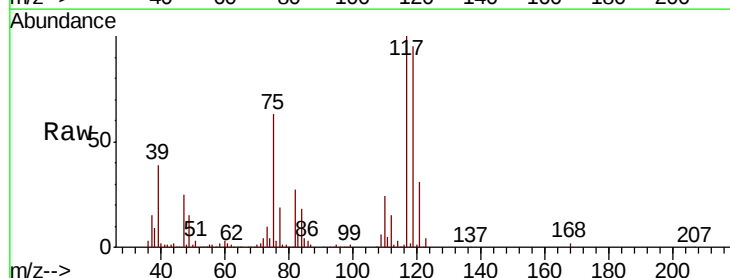
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

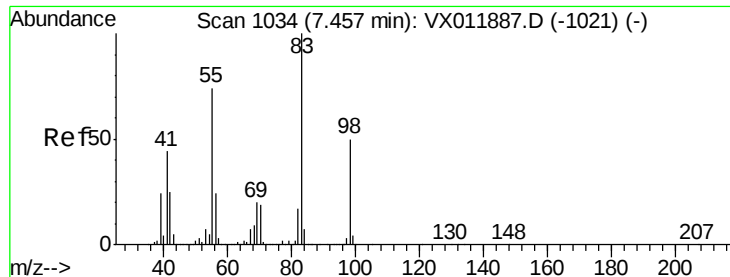
Tgt Ion: 43 Resp: 47337
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 12.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 22.366 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 117 Resp: 101599
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
121 30.9 24.7 37.1

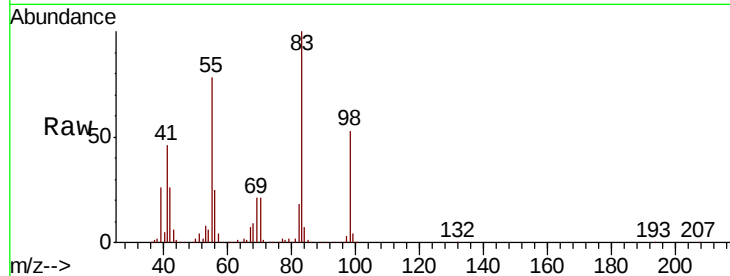




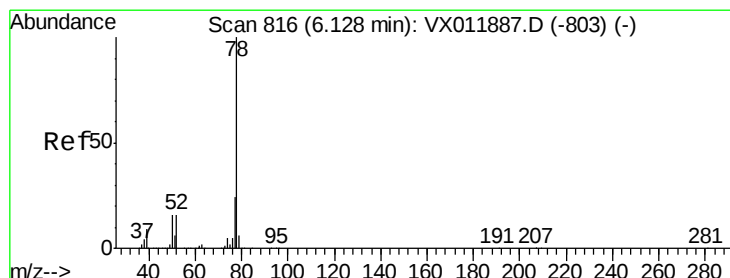
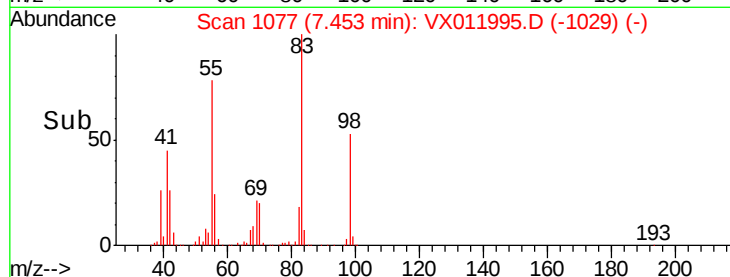
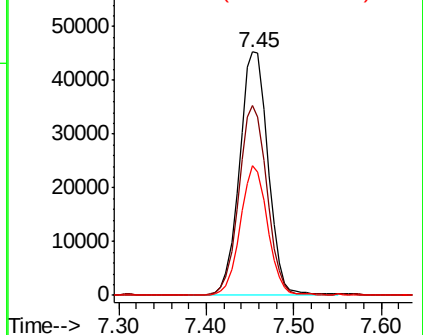
#39
Methylcyclohexane
Concen: 22.033 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

Tgt Ion: 83 Resp: 102792
Ion Ratio Lower Upper
83 100
55 78.1 59.4 89.0
98 53.5 40.3 60.5

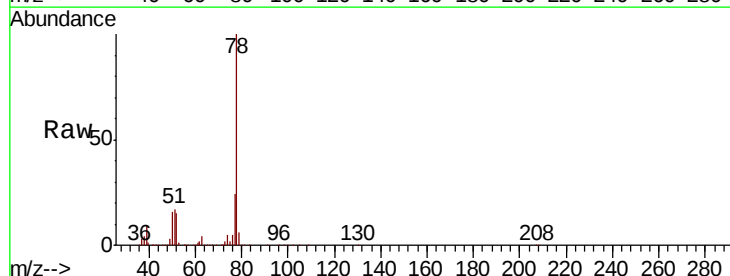


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

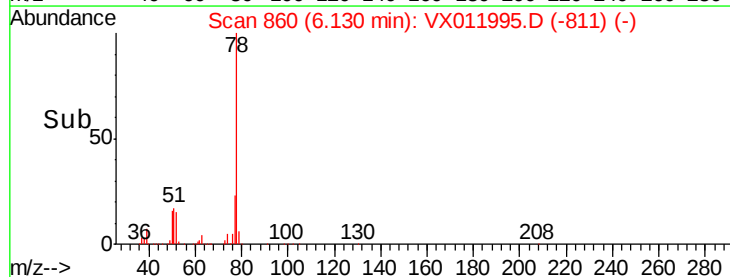
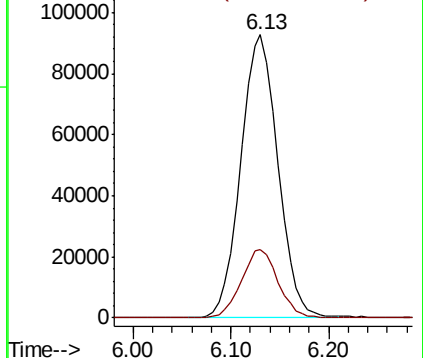


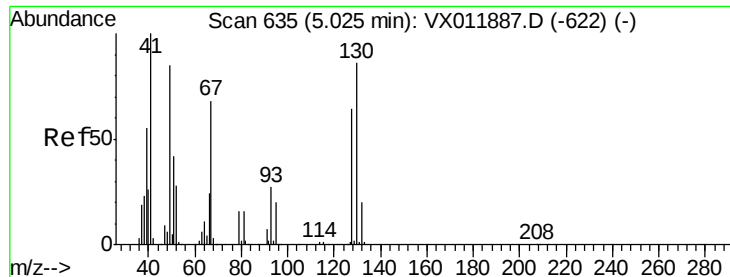
#40
Benzene
Concen: 20.863 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 78 Resp: 243921
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.180 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tgt Ion: 41 Resp: 27548

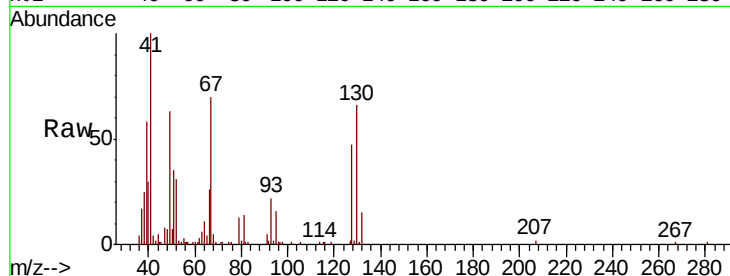
Ion Ratio Lower Upper

41 100

39 56.6 45.0 67.6

67 72.7 55.0 82.4

52 29.9 24.1 36.1

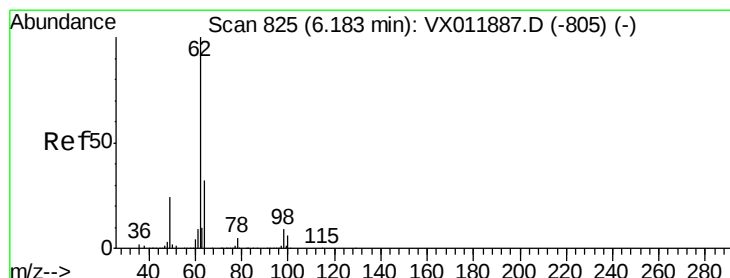
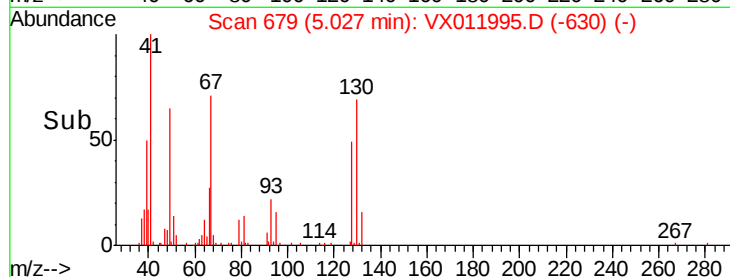
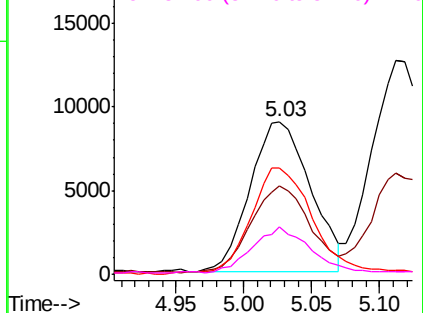


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.287 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011995.D

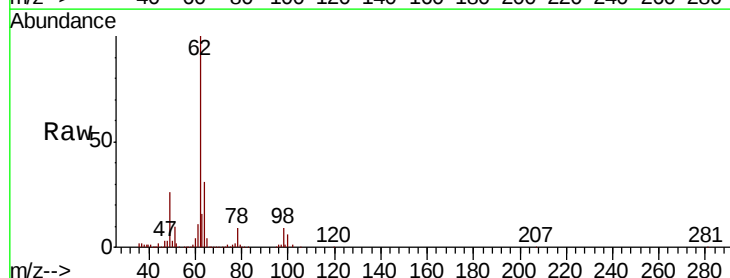
Acq: 01 Sep 2019 16:35

Tgt Ion: 62 Resp: 84634

Ion Ratio Lower Upper

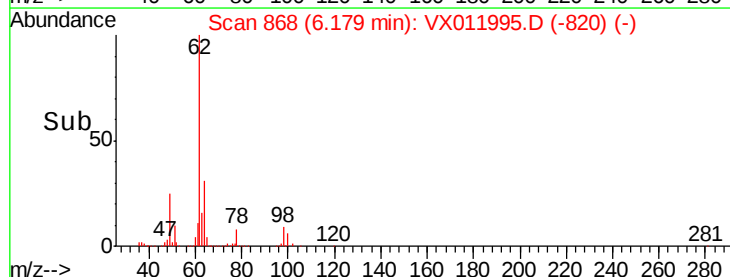
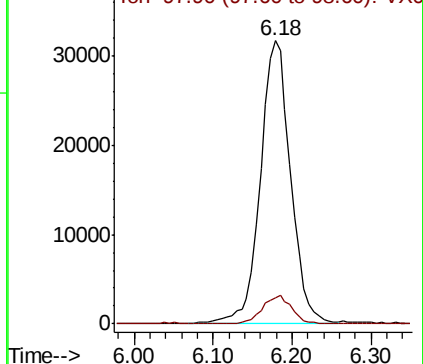
62 100

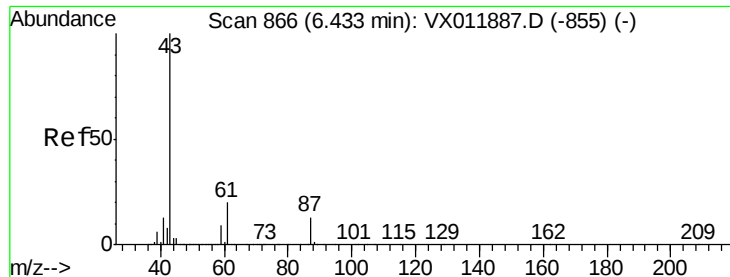
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.235 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

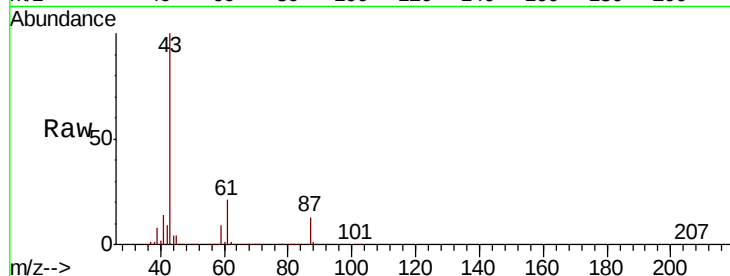
Tgt Ion: 43 Resp: 95119

Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

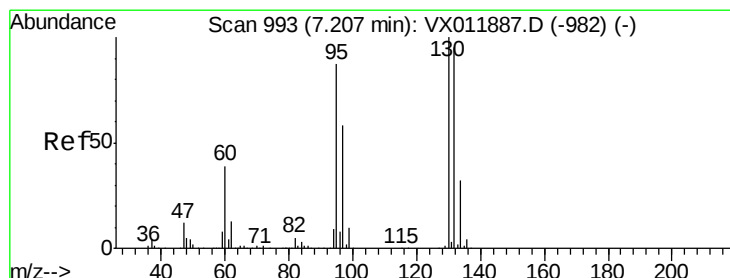
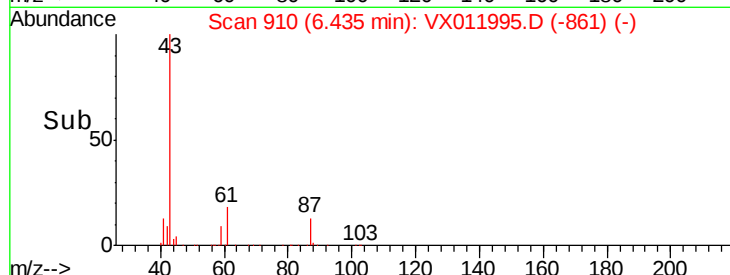
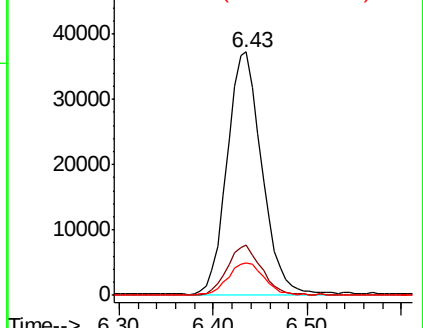
87 14.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.762 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX011995.D

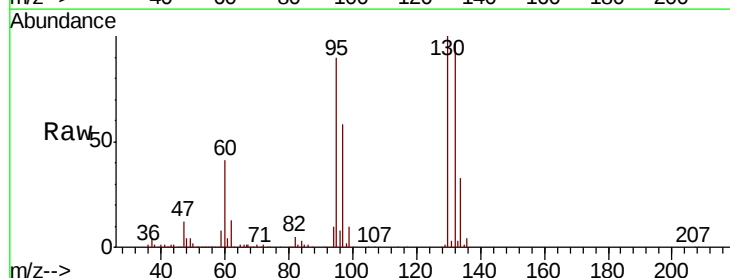
Acq: 01 Sep 2019 16:35

Tgt Ion: 130 Resp: 78720

Ion Ratio Lower Upper

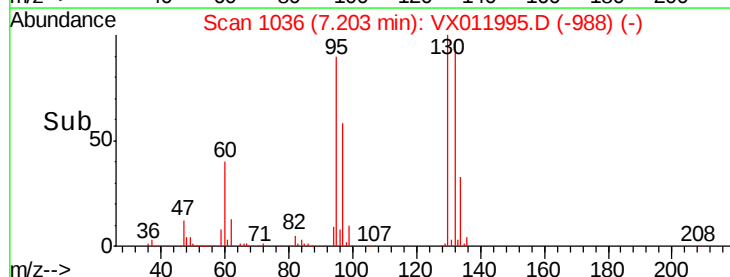
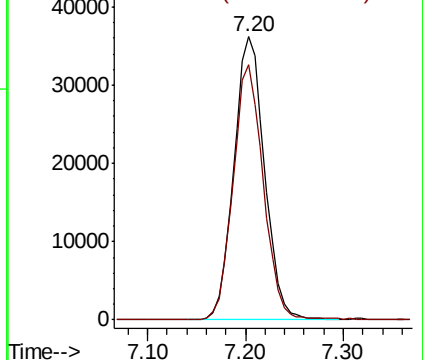
130 100

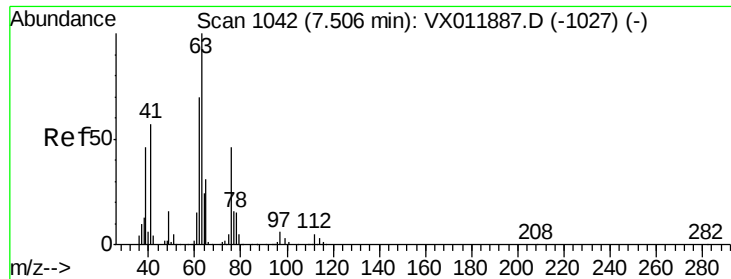
95 89.9 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.300 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

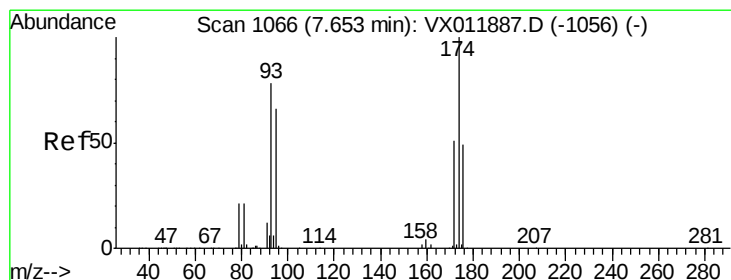
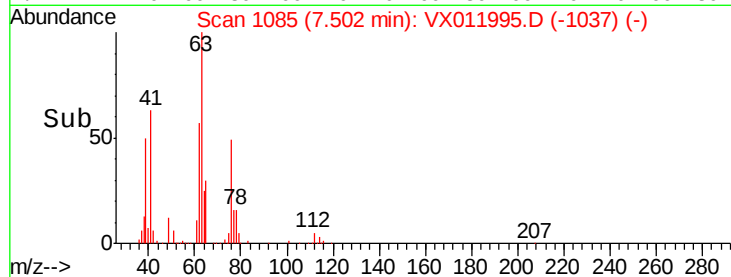
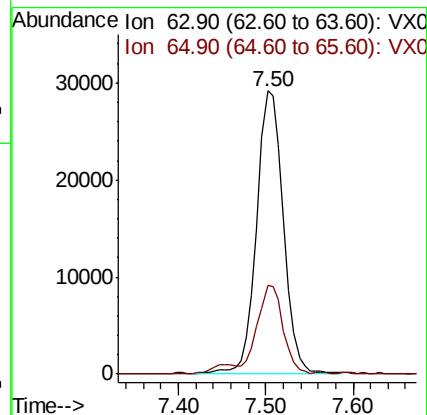
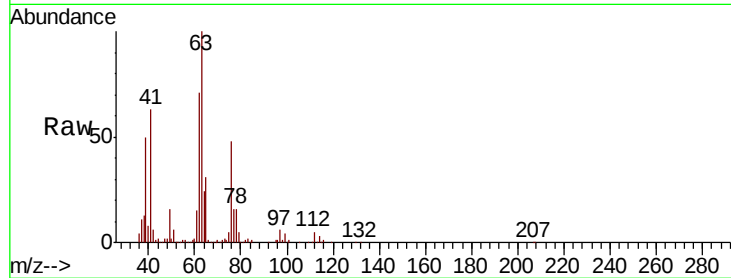
VX0901SBSD02

Tgt Ion: 63 Resp: 62082

Ion Ratio Lower Upper

63 100

65 31.0 25.1 37.7



#46

Dibromomethane

Concen: 21.089 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

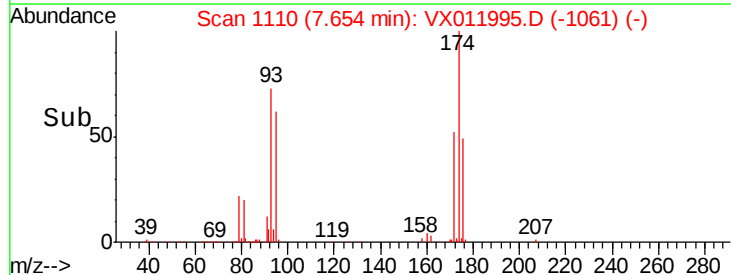
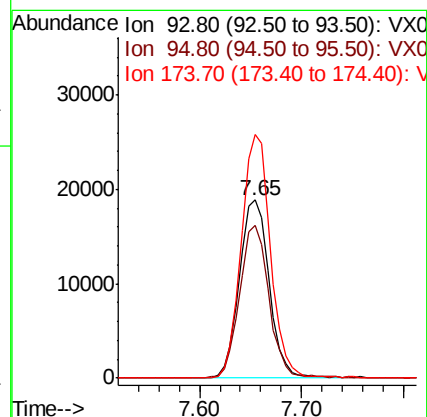
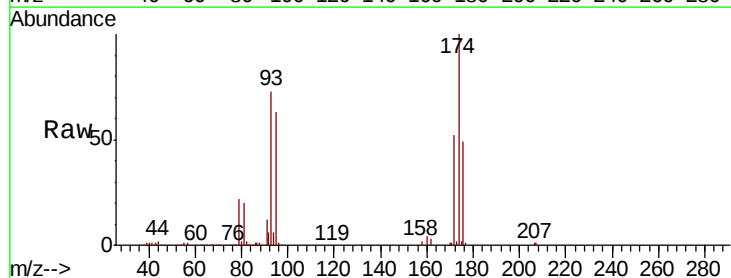
Tgt Ion: 93 Resp: 38276

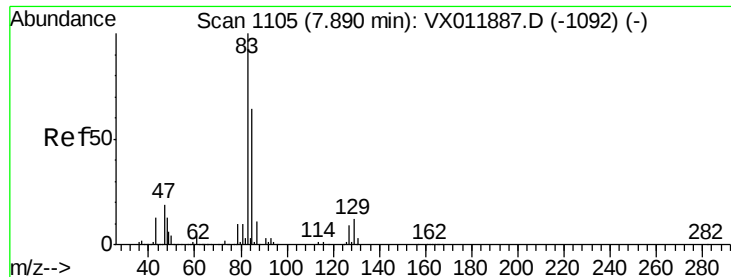
Ion Ratio Lower Upper

93 100

95 84.9 65.7 98.5

174 133.5 104.2 156.4





#47

Bromodichloromethane

Concen: 20.809 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

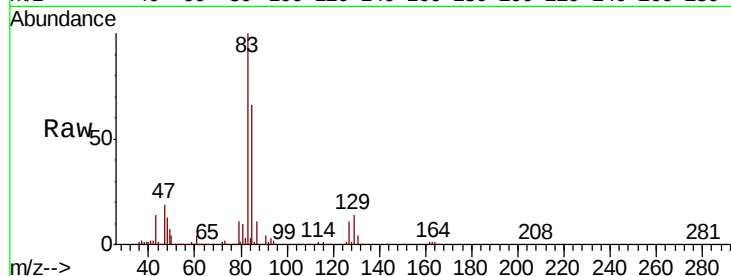
Tgt Ion: 83 Resp: 93654

Ion Ratio Lower Upper

83 100

85 66.4 51.1 76.7

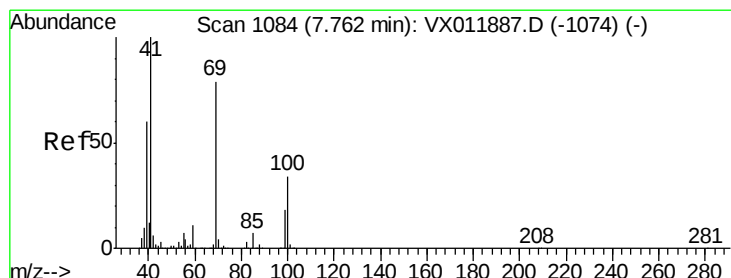
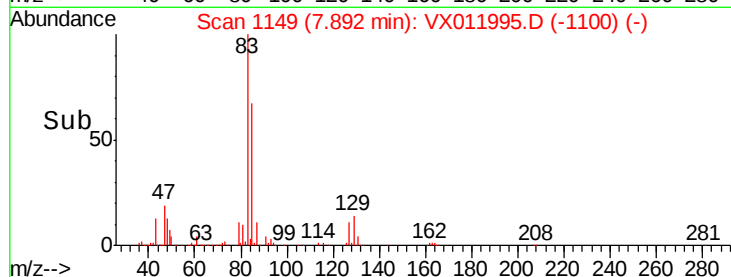
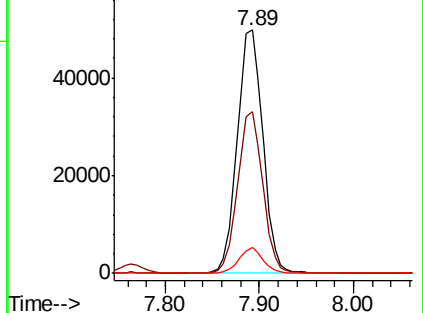
127 10.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.679 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

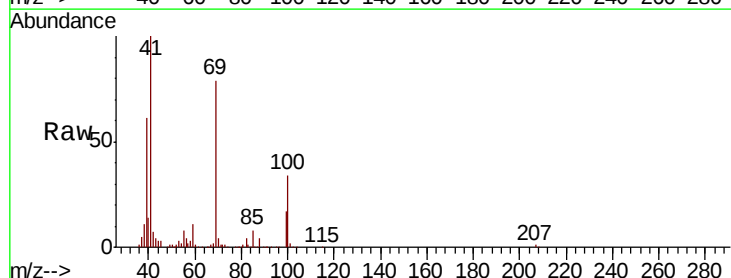
Tgt Ion: 41 Resp: 47295

Ion Ratio Lower Upper

41 100

69 79.0 64.4 96.6

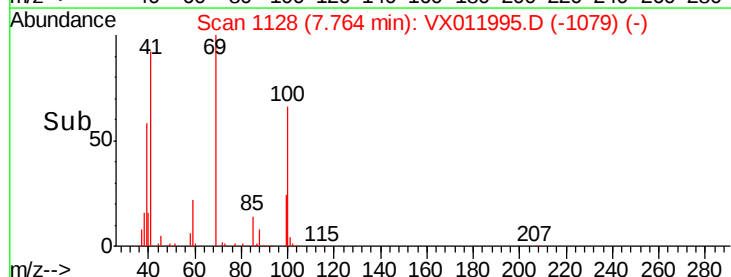
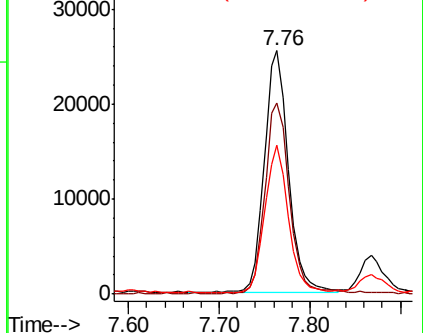
39 58.9 47.2 70.8

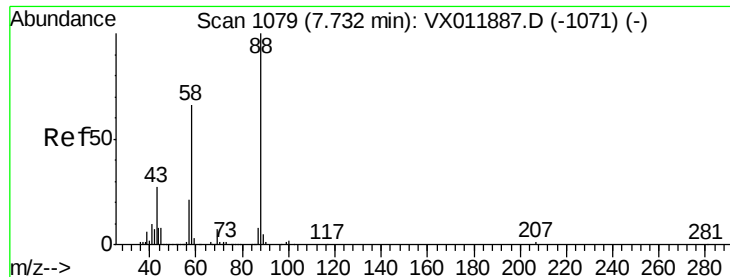


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

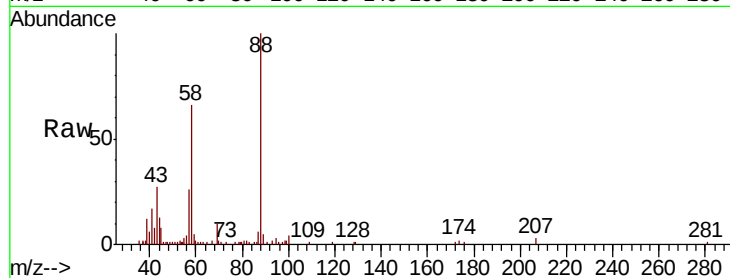




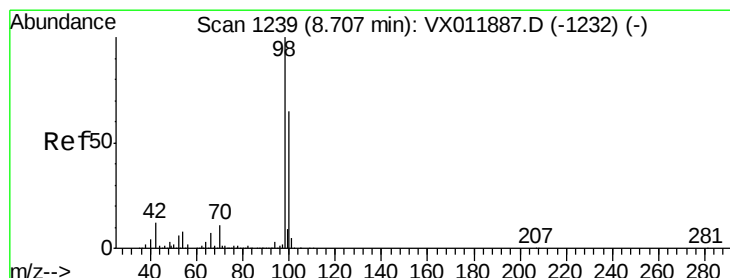
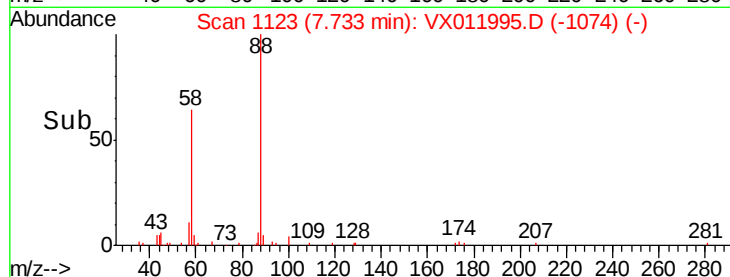
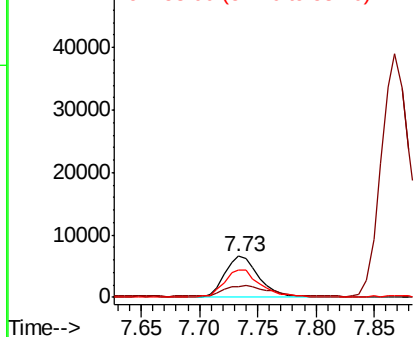
#49
1,4-Dioxane
Concen: 427.074 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

Tgt Ion: 88 Resp: 13432
Ion Ratio Lower Upper
88 100
43 35.2 27.3 40.9
58 71.1 53.9 80.9

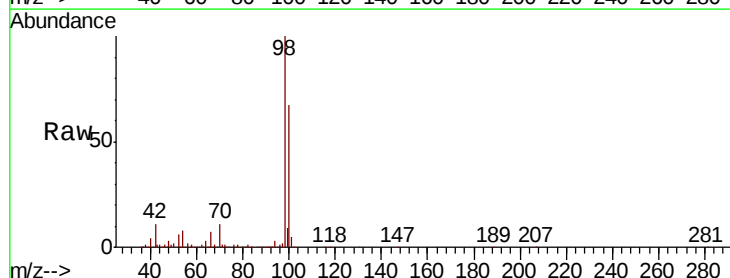


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

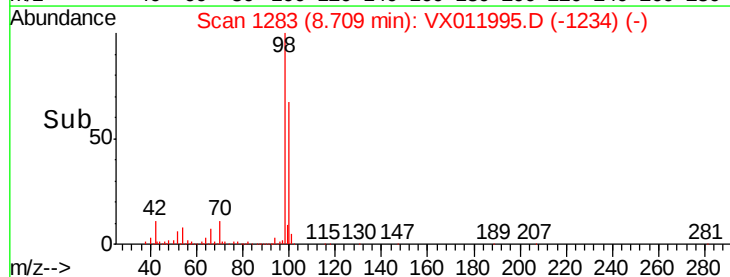
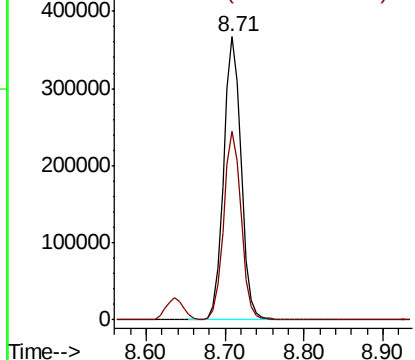


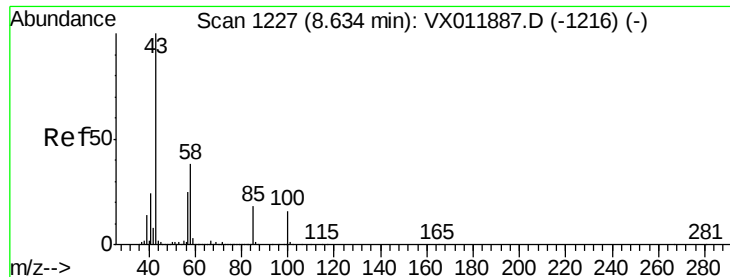
#50
Toluene-d8
Concen: 49.909 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 98 Resp: 565600
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 102.258 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

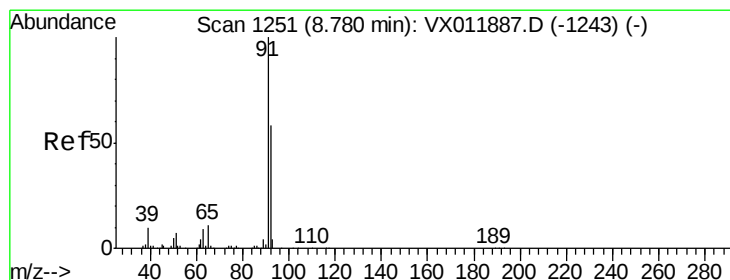
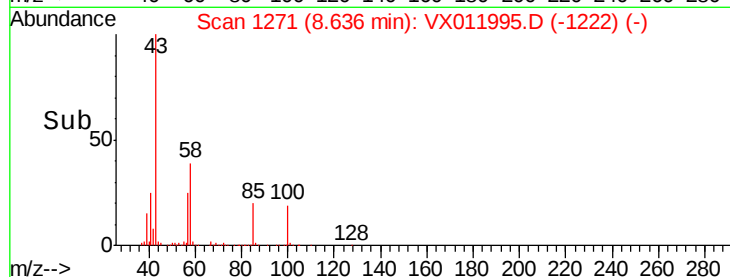
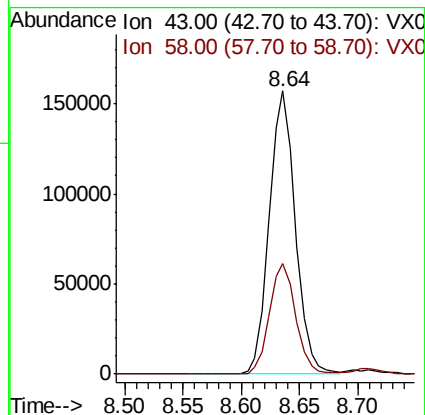
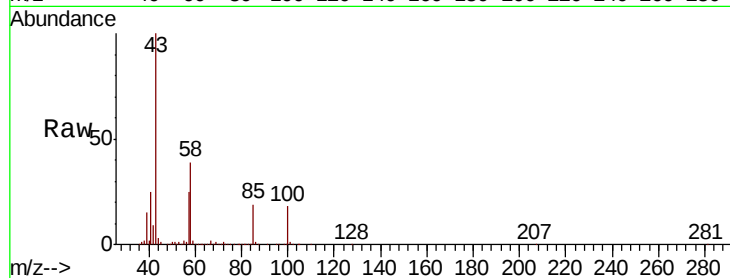
VX0901SBSD02

Tgt Ion: 43 Resp: 244188

Ion Ratio Lower Upper

43 100

58 39.6 30.9 46.3



#52

Toluene

Concen: 21.077 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX011995.D

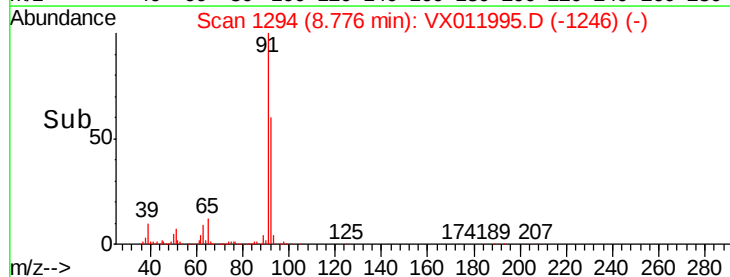
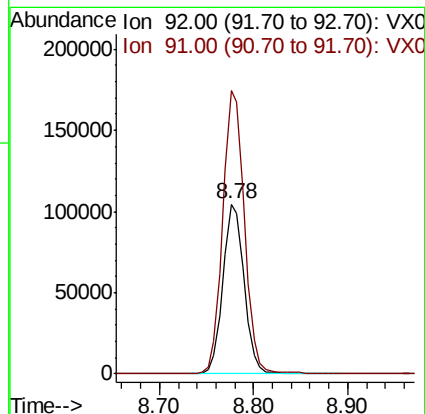
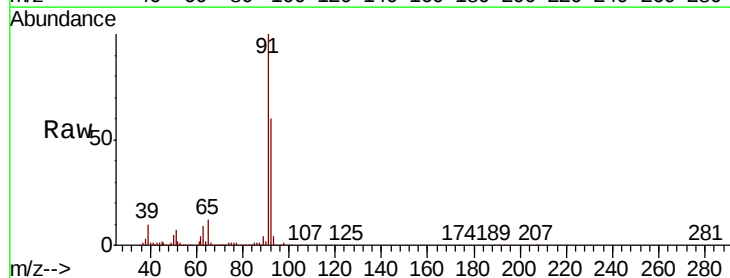
Acq: 01 Sep 2019 16:35

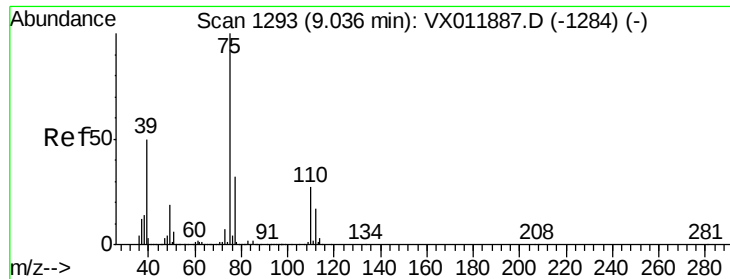
Tgt Ion: 92 Resp: 163026

Ion Ratio Lower Upper

92 100

91 170.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.838 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

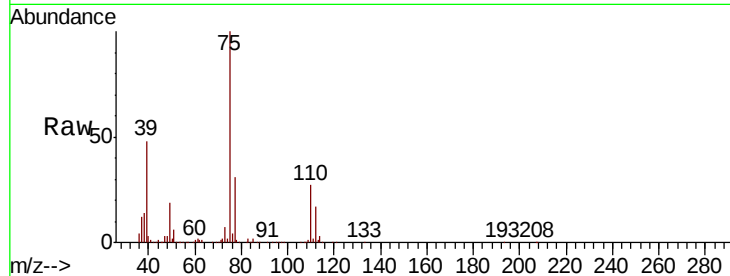
VX0901SBSD02

Tgt Ion: 75 Resp: 96067

Ion Ratio Lower Upper

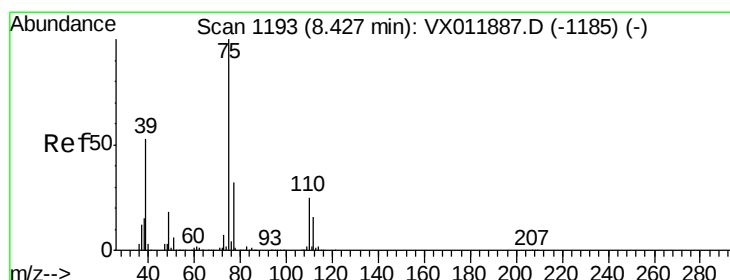
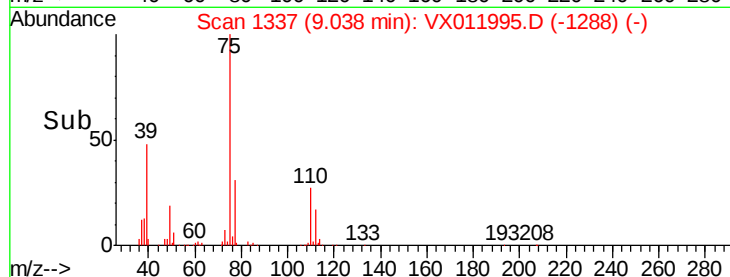
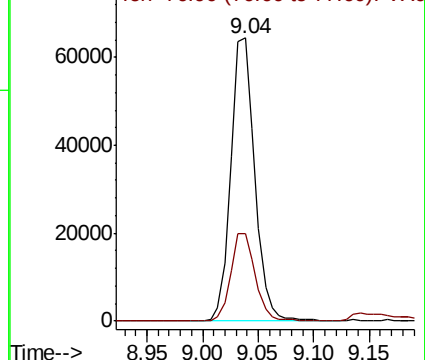
75 100

77 30.8 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.608 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

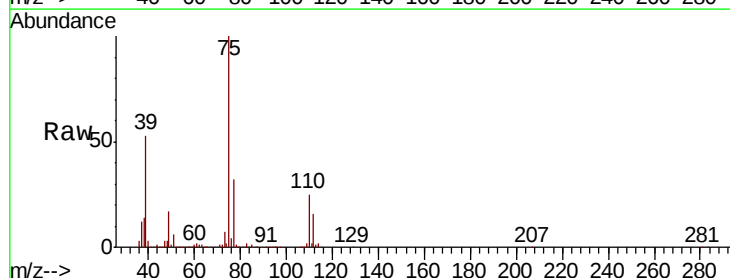
Tgt Ion: 75 Resp: 106647

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

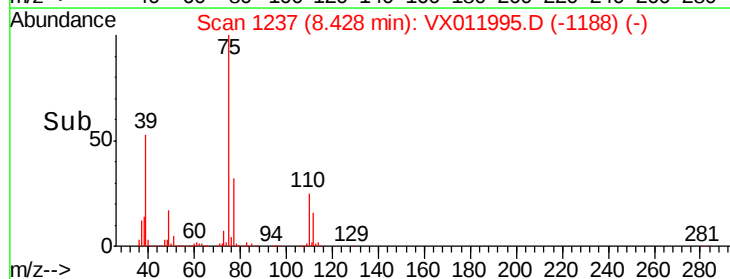
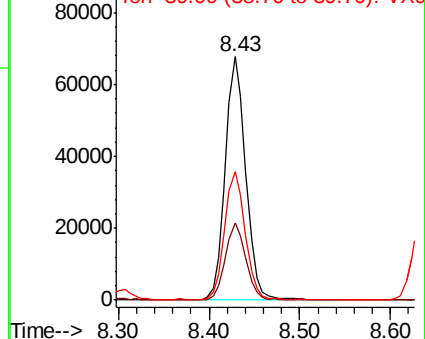
39 52.5 42.6 64.0

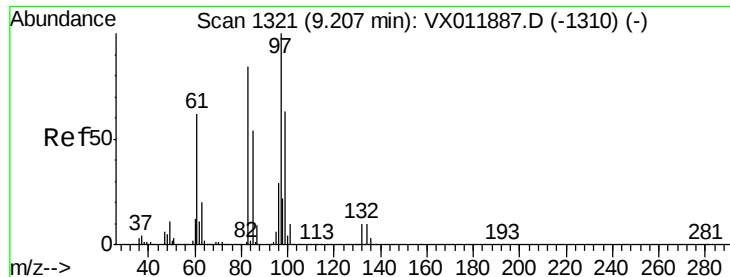


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

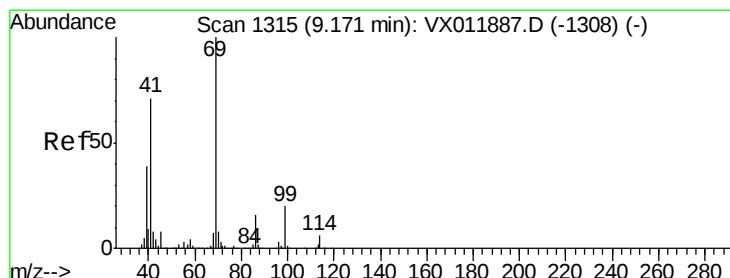
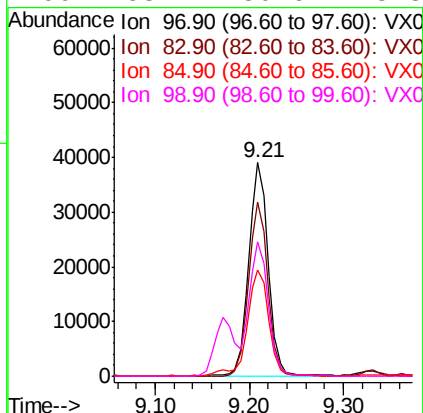
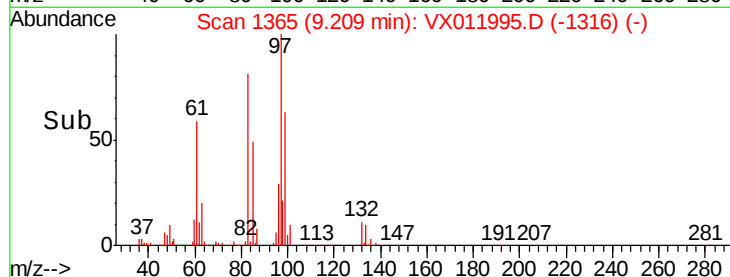
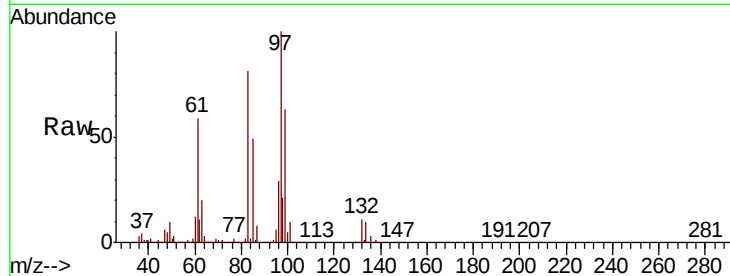




#55
 1,1,2-Trichloroethane
 Concen: 21.332 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

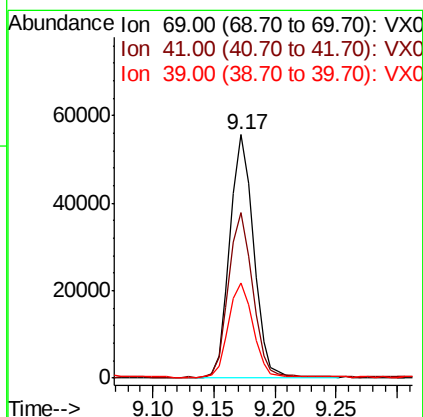
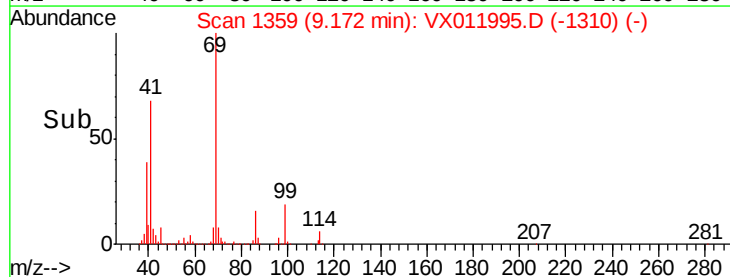
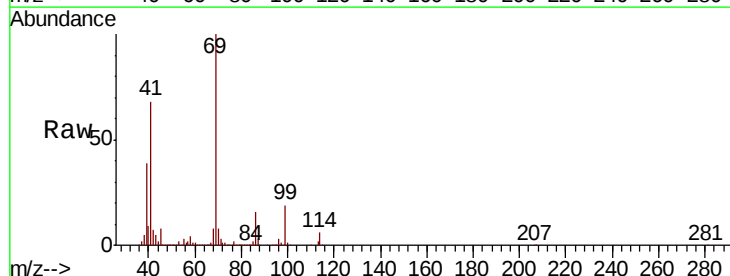
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

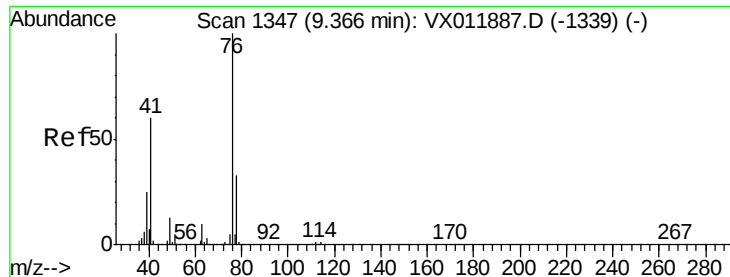
Tgt Ion:	97	Resp:	56680
Ion	Ratio	Lower	Upper
97	100		
83	81.3	66.8	100.2
85	49.3	43.5	65.3
99	63.1	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 20.399 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion:	69	Resp:	75226
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.8	83.8
39	39.9	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.838 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

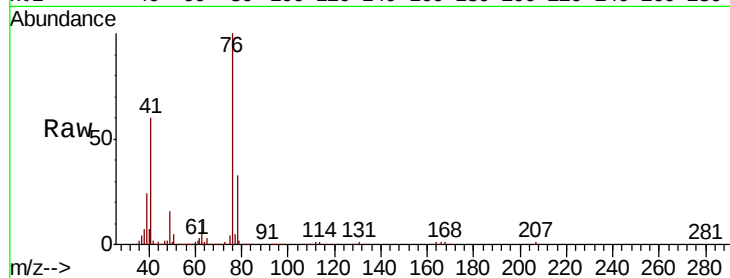
VX0901SBSD02

Tgt Ion: 76 Resp: 91899

Ion Ratio Lower Upper

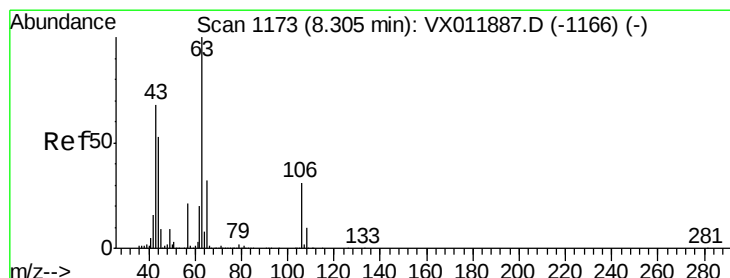
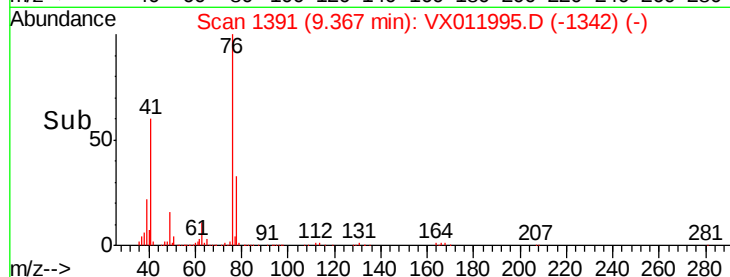
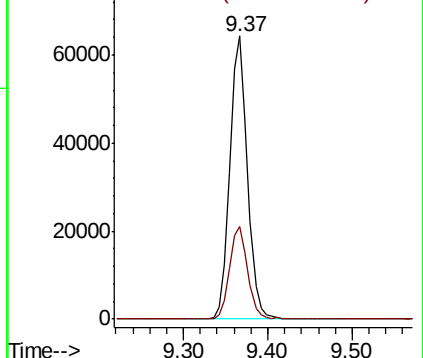
76 100

78 33.2 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.710 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX011995.D

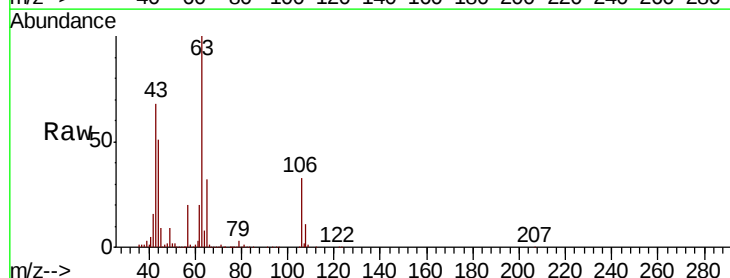
Acq: 01 Sep 2019 16:35

Tgt Ion: 63 Resp: 183913

Ion Ratio Lower Upper

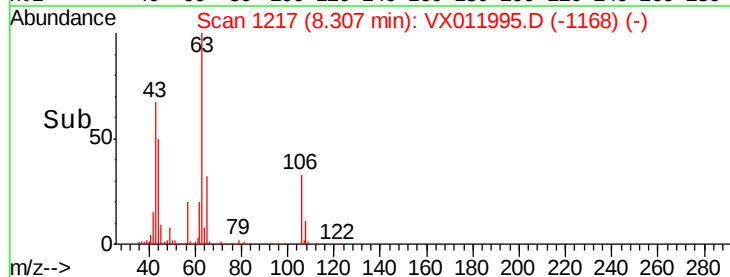
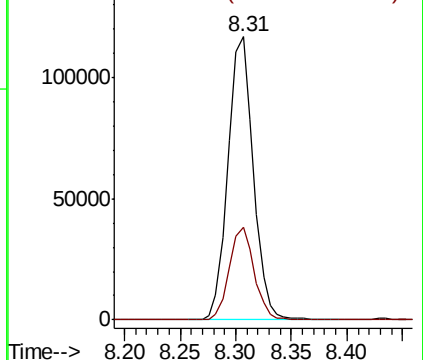
63 100

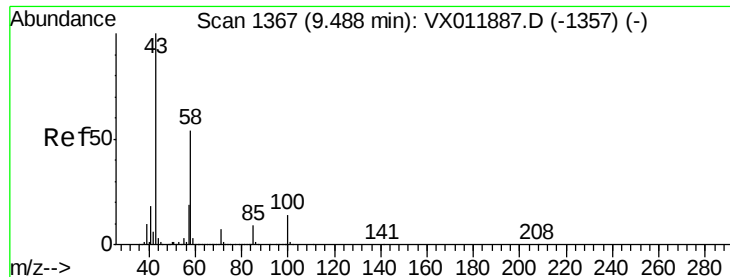
106 32.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

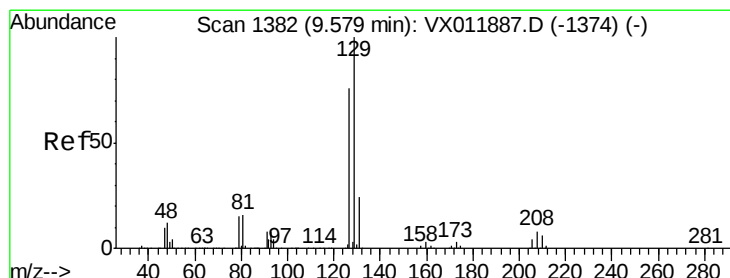
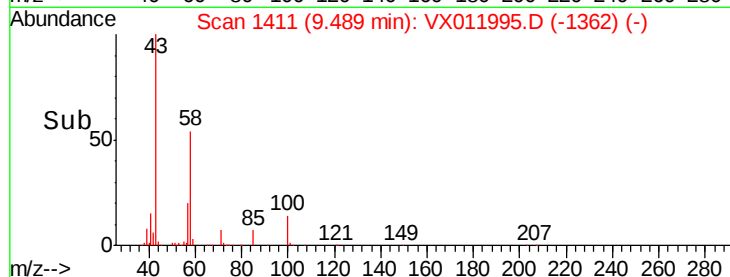
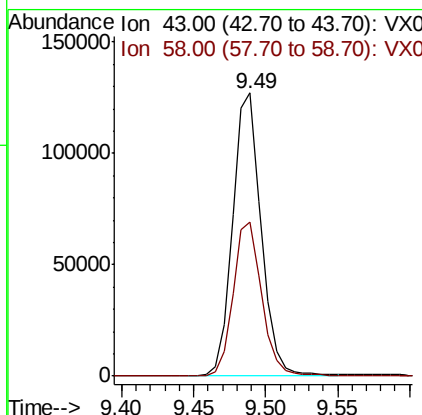
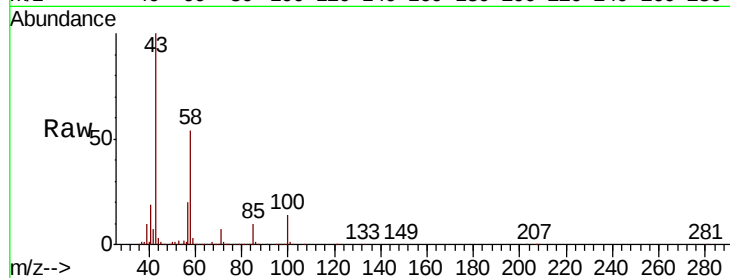




#59
2-Hexanone
Concen: 103.251 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

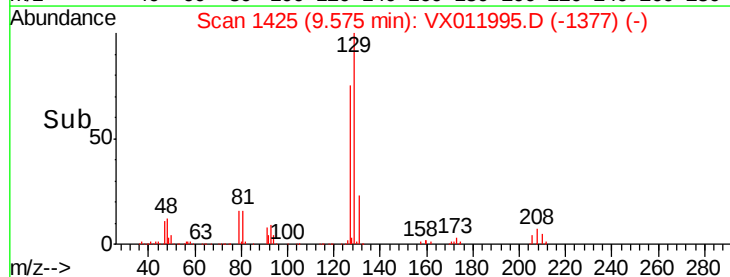
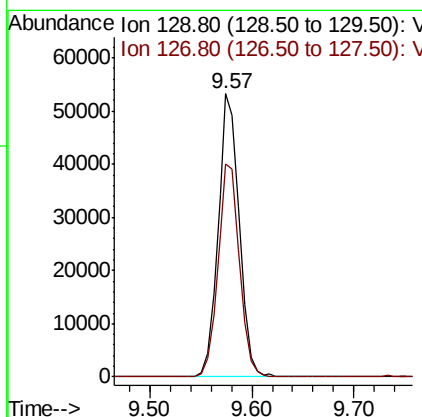
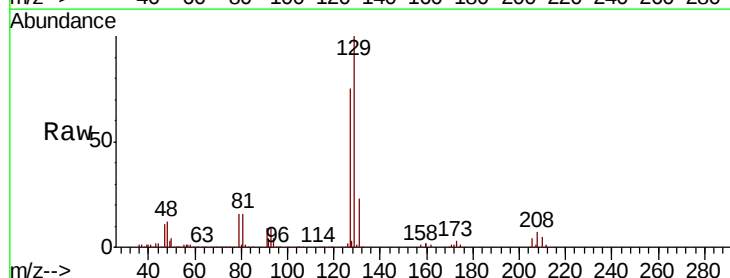
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

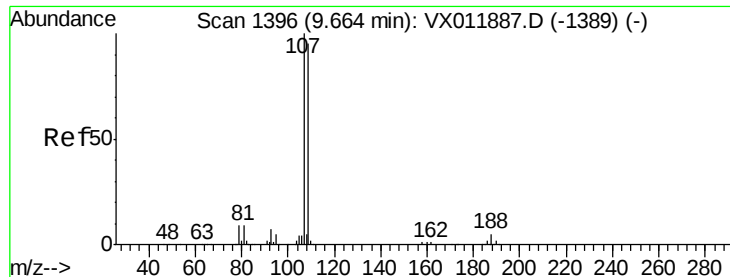
Tgt Ion: 43 Resp: 175140
Ion Ratio Lower Upper
43 100
58 54.9 26.8 80.4



#60
Dibromochloromethane
Concen: 21.548 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 129 Resp: 76897
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7





#61

1,2-Dibromoethane

Concen: 21.114 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

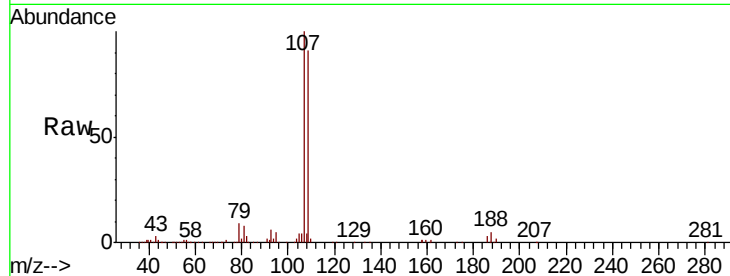
VX0901SBSD02

Tgt Ion: 107 Resp: 55622

Ion Ratio Lower Upper

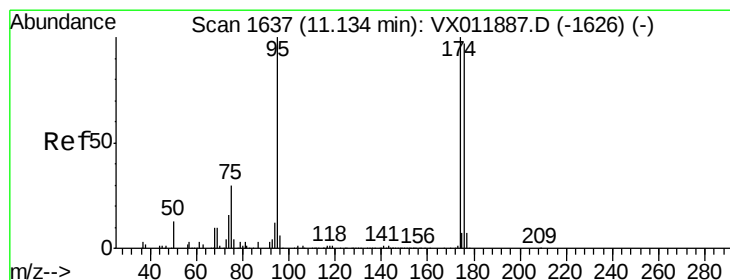
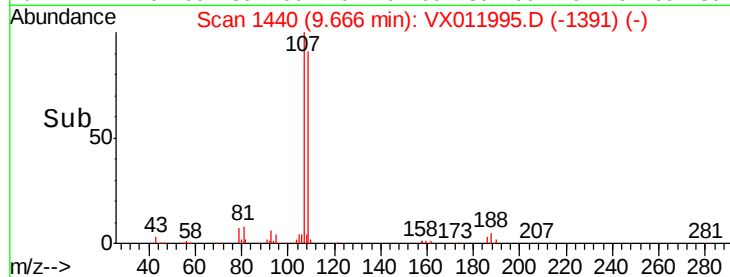
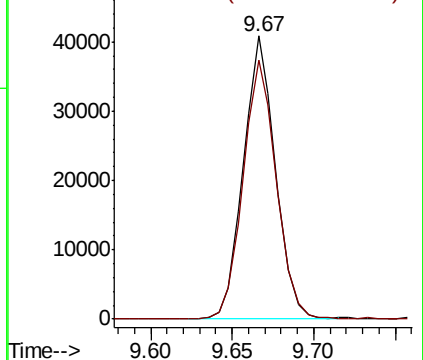
107 100

109 95.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.599 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

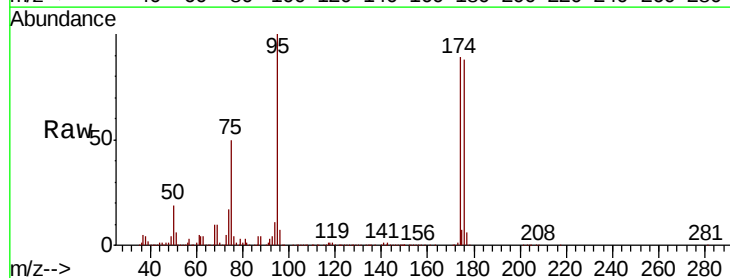
Tgt Ion: 95 Resp: 236625

Ion Ratio Lower Upper

95 100

174 100.4 0.0 196.0

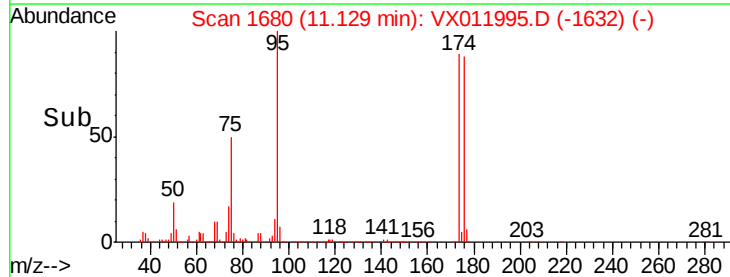
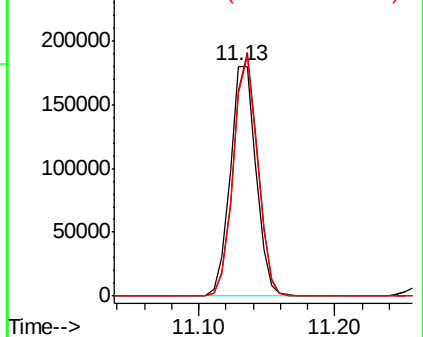
176 98.5 0.0 191.4

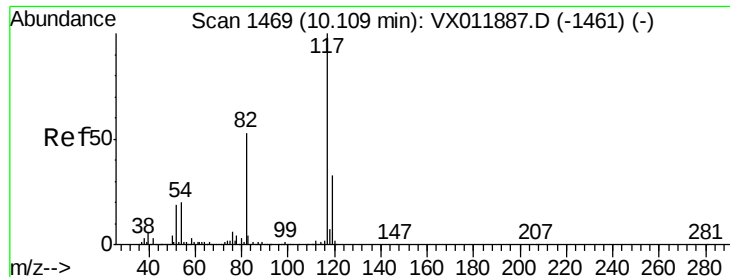


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

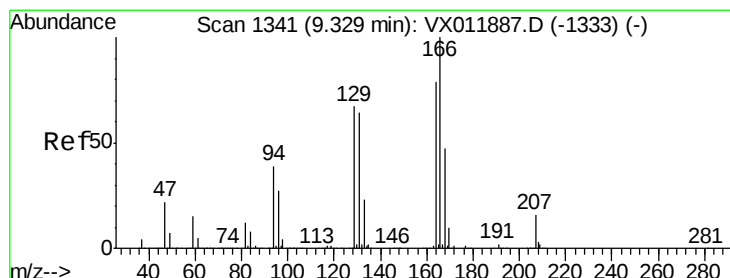
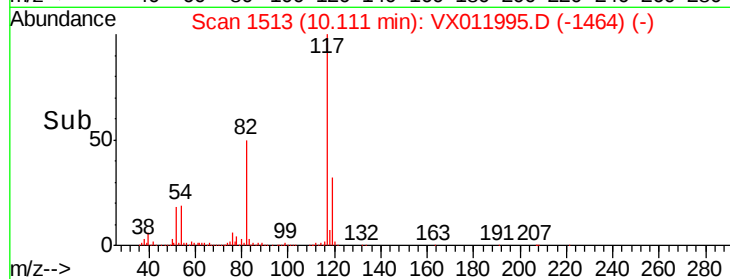
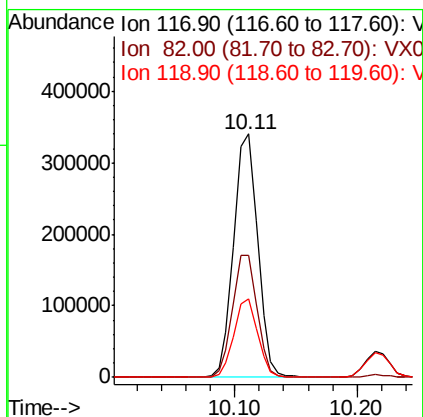
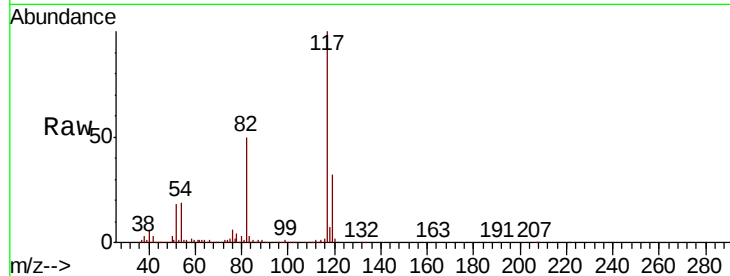




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

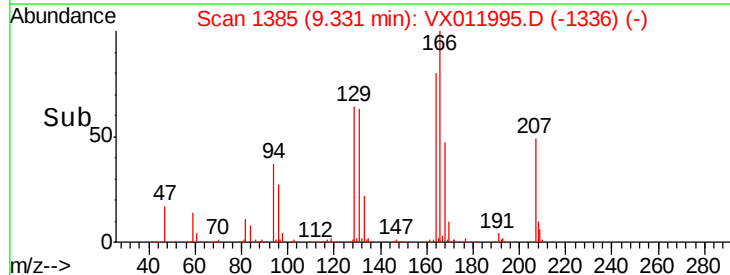
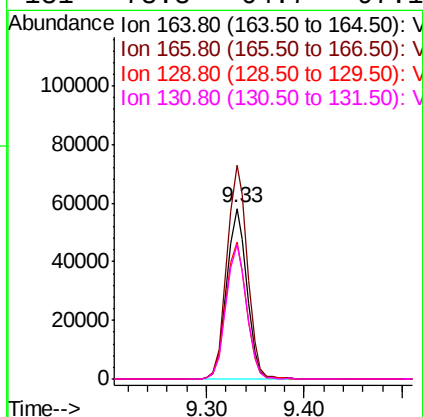
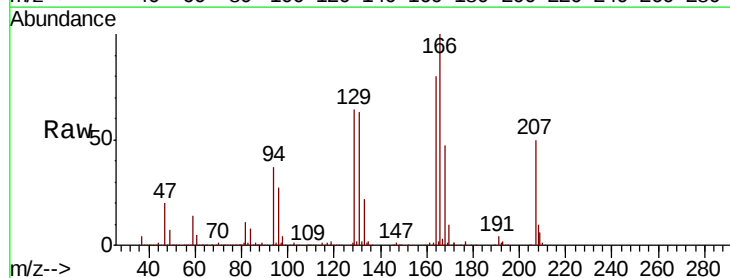
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

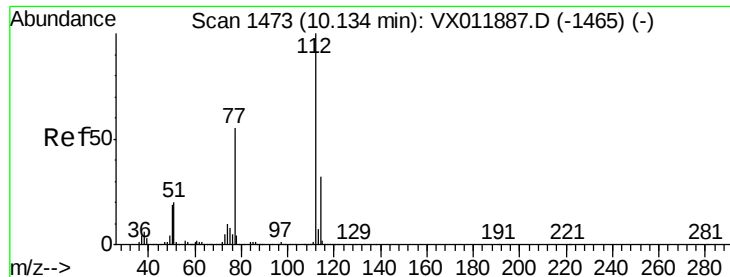
Tgt Ion:117 Resp: 462849
Ion Ratio Lower Upper
117 100
82 49.9 42.0 63.0
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 22.468 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion:164 Resp: 83650
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 80.5 68.0 102.0
131 78.8 64.7 97.1





#65

Chlorobenzene

Concen: 21.590 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

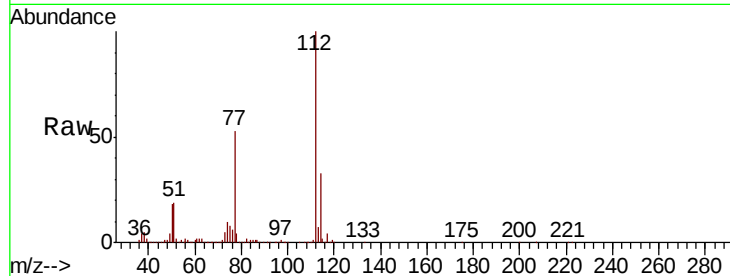
VX0901SBSD02

Tgt Ion:112 Resp: 193646

Ion Ratio Lower Upper

112 100

114 32.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

150000

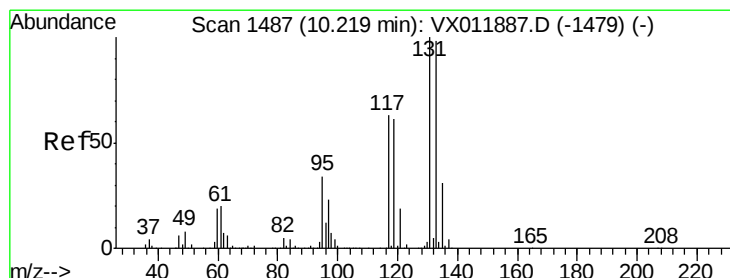
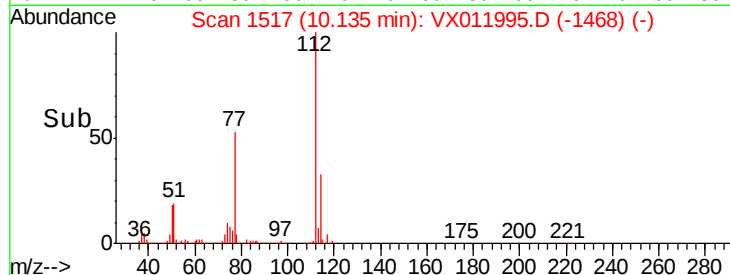
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.997 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

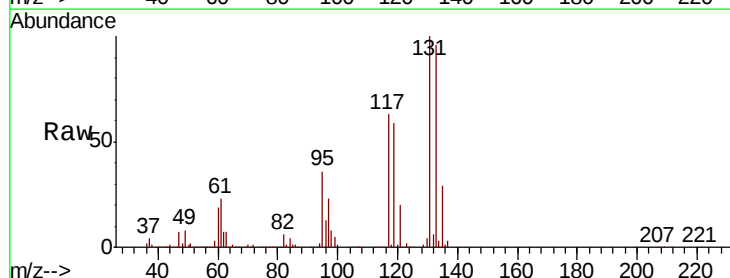
Tgt Ion:131 Resp: 79786

Ion Ratio Lower Upper

131 100

133 95.9 48.4 145.0

119 59.8 30.6 92.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

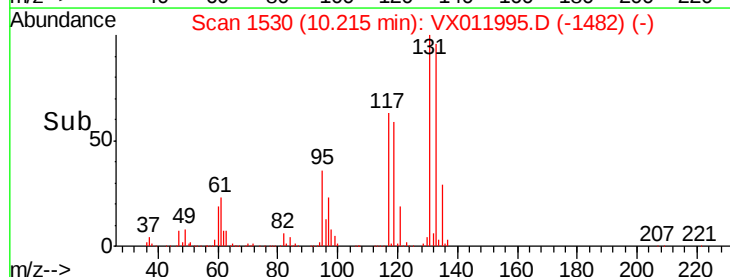
100000

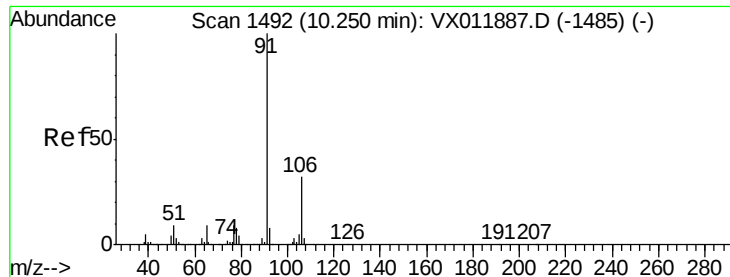
50000

0

10.10 10.20 10.30

Time-->





#67

Ethyl Benzene

Concen: 21.626 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

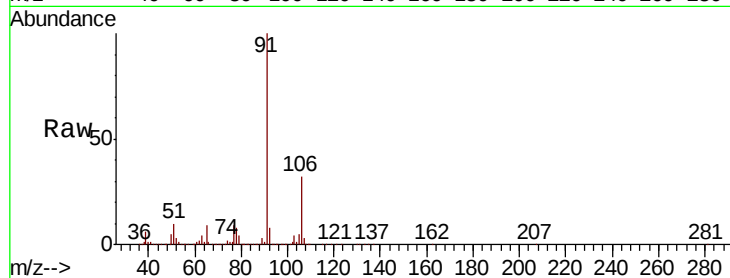
VX0901SBSD02

Tgt Ion: 91 Resp: 329945

Ion Ratio Lower Upper

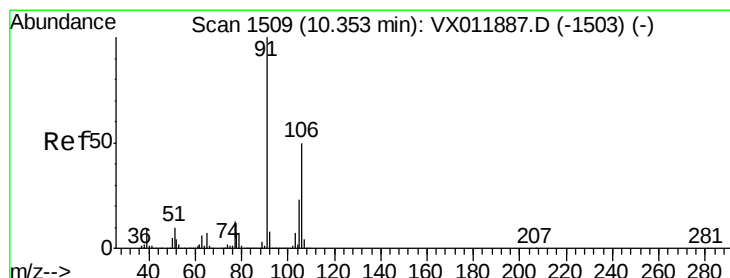
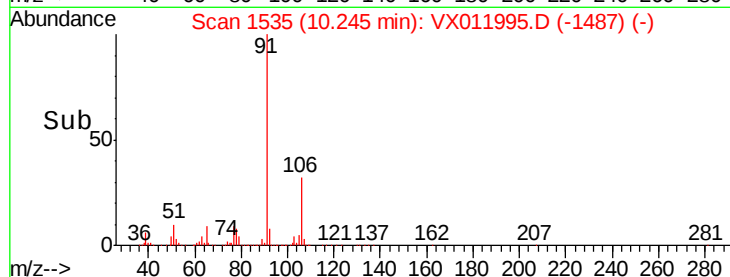
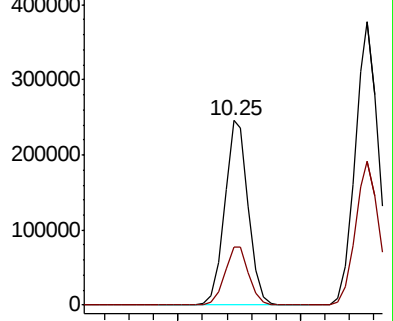
91 100

106 31.7 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 43.758 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011995.D

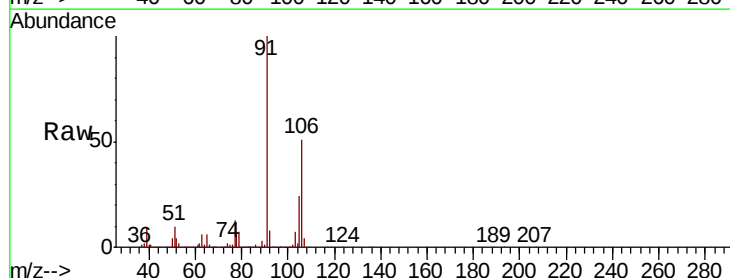
Acq: 01 Sep 2019 16:35

Tgt Ion: 106 Resp: 257787

Ion Ratio Lower Upper

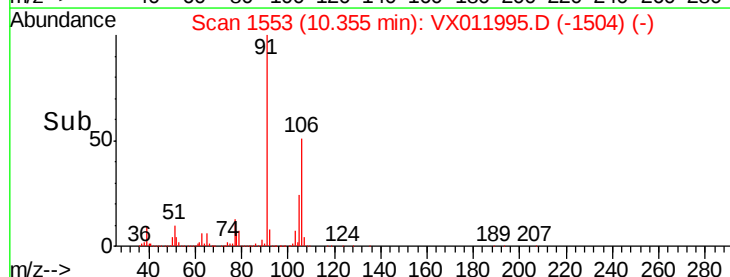
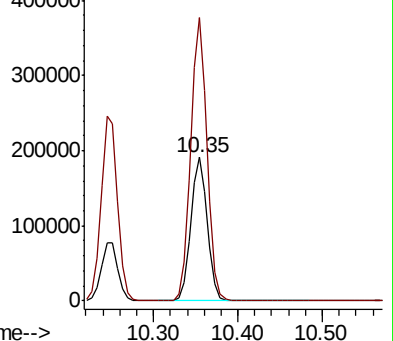
106 100

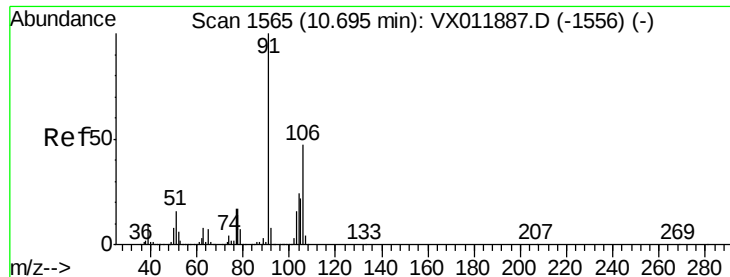
91 195.6 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

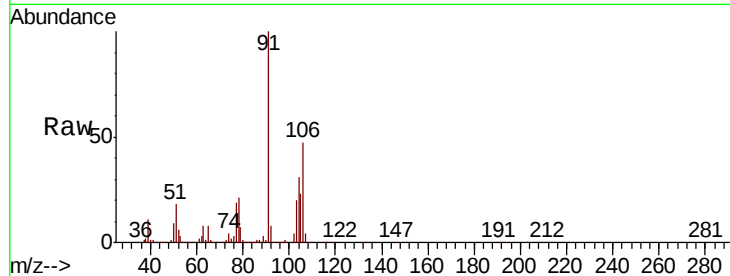




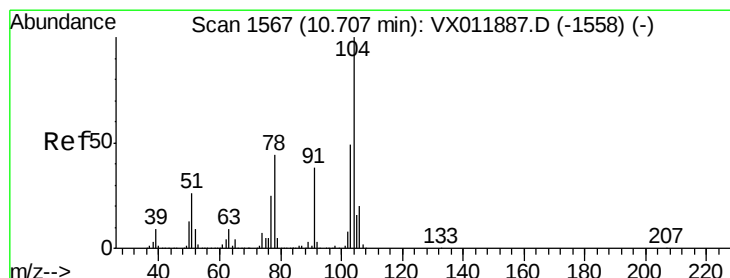
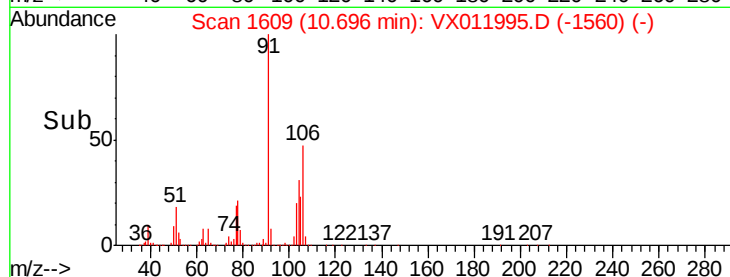
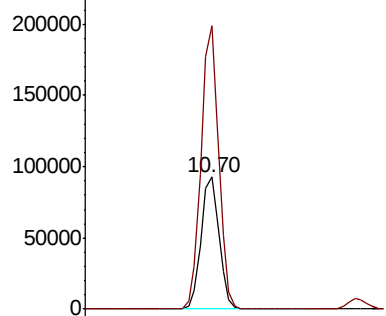
#69
o-Xylene
Concen: 21.603 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

Tgt Ion:106 Resp: 124021
Ion Ratio Lower Upper
106 100
91 207.5 104.8 314.6

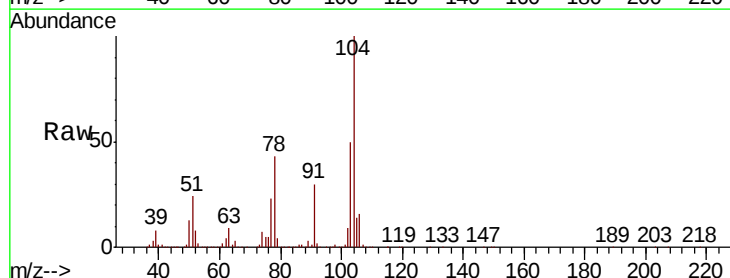


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

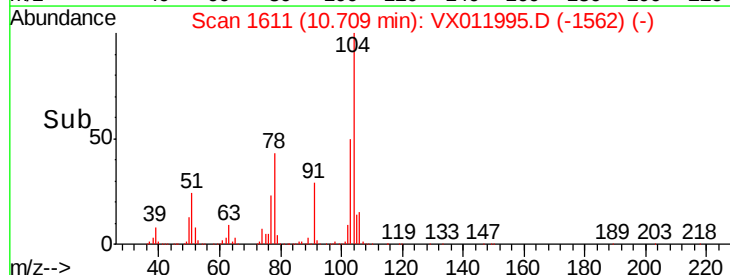
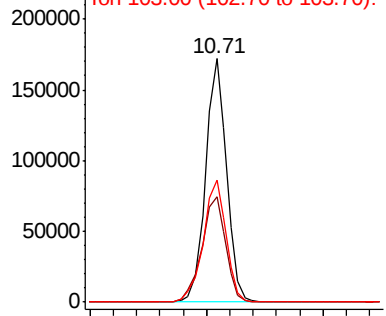


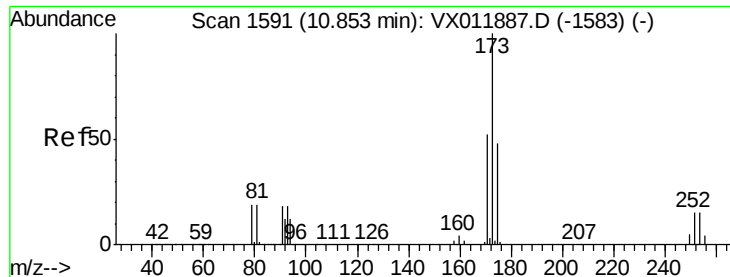
#70
Styrene
Concen: 21.364 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion:104 Resp: 216181
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 54.7 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

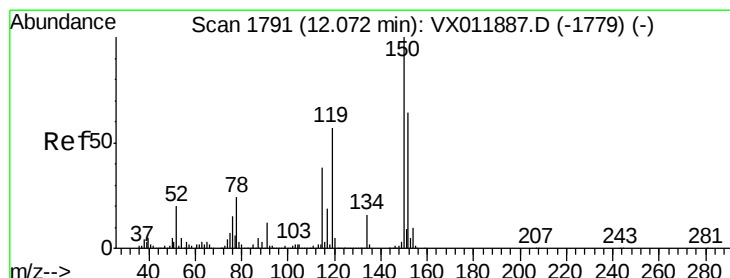
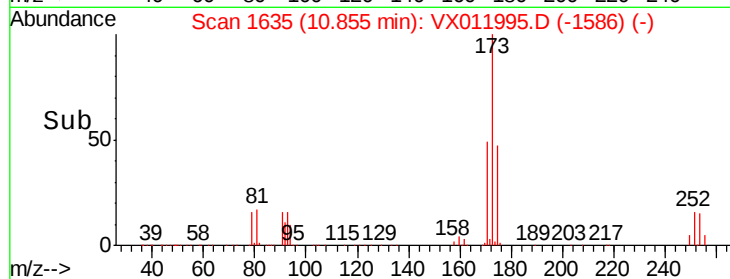
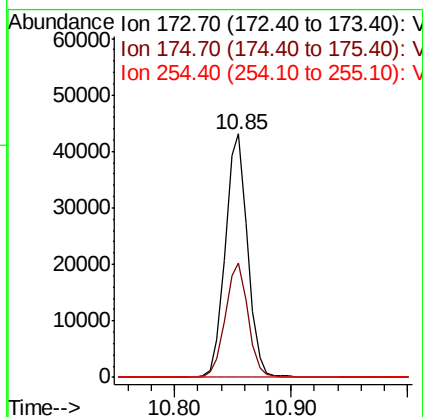
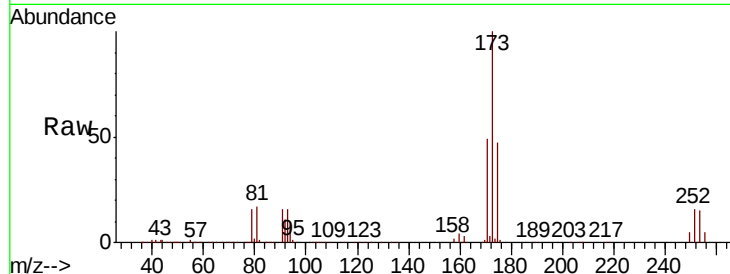




#71
Bromoform
Concen: 22.243 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

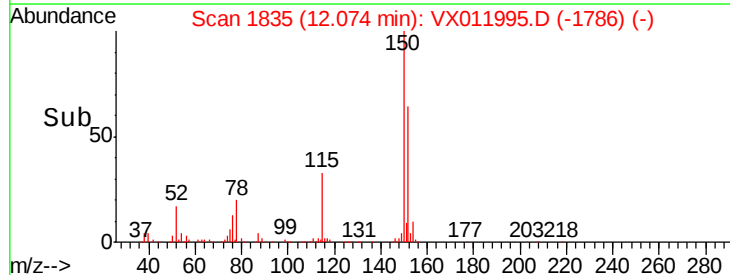
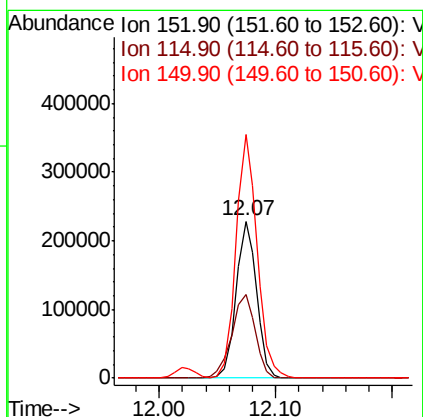
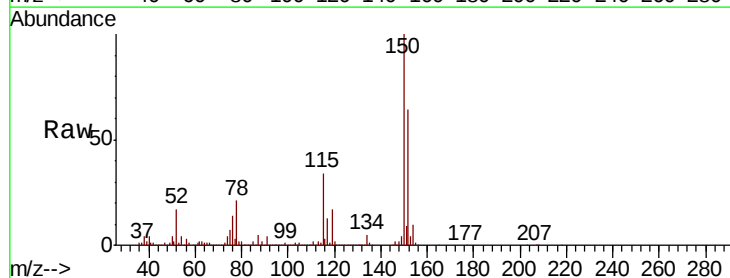
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

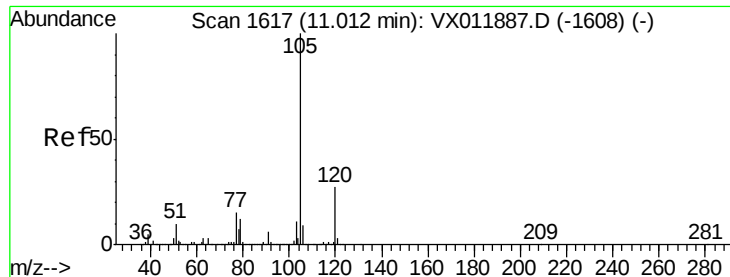
Tgt Ion:173 Resp: 57048
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion:152 Resp: 279258
Ion Ratio Lower Upper
152 100
115 61.4 37.1 111.3
150 160.9 0.0 339.6





#73

Isopropylbenzene

Concen: 21.518 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

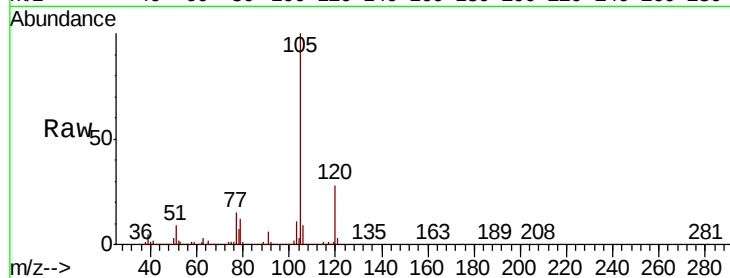
VX0901SBSD02

Tgt Ion: 105 Resp: 345269

Ion Ratio Lower Upper

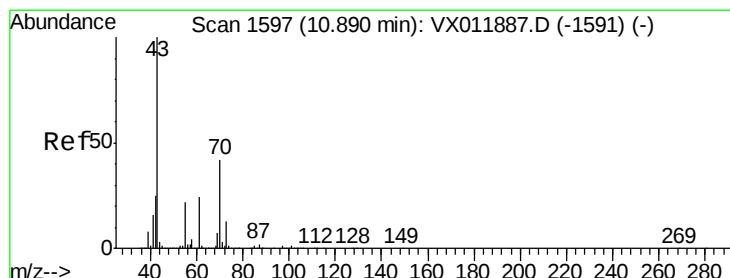
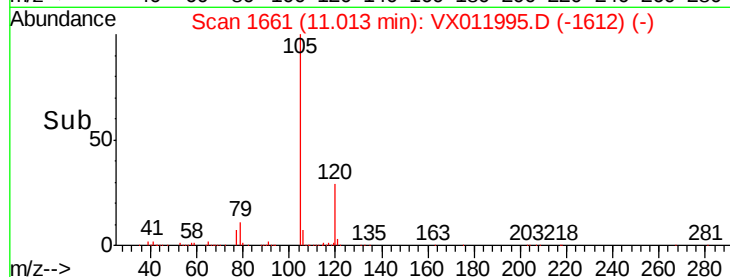
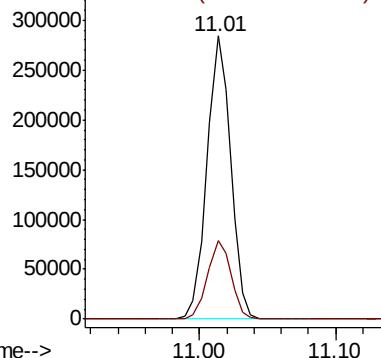
105 100

120 27.7 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.607 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Tgt Ion: 43 Resp: 93363

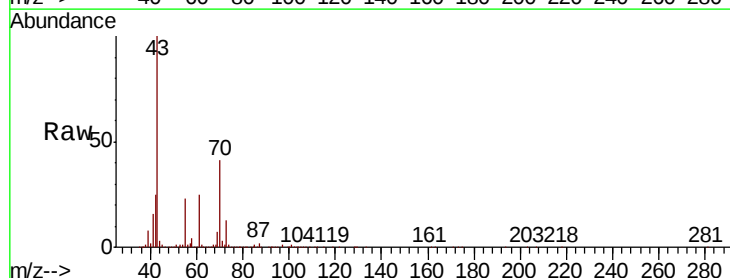
Ion Ratio Lower Upper

43 100

70 42.1 0.2 0.2#

55 23.4 0.1 0.1#

61 24.7 16.4 24.6#

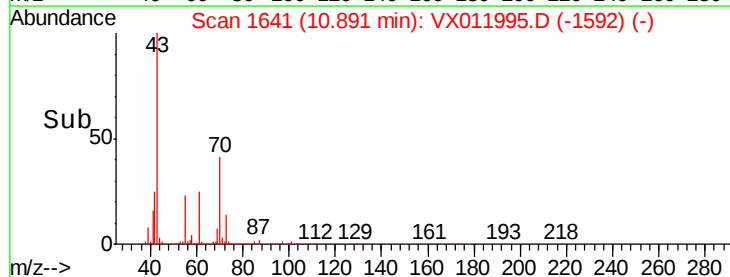
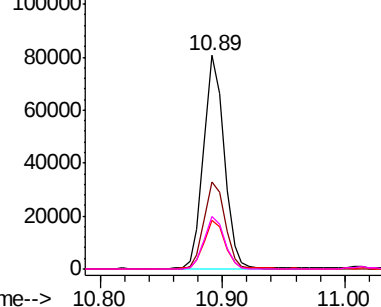


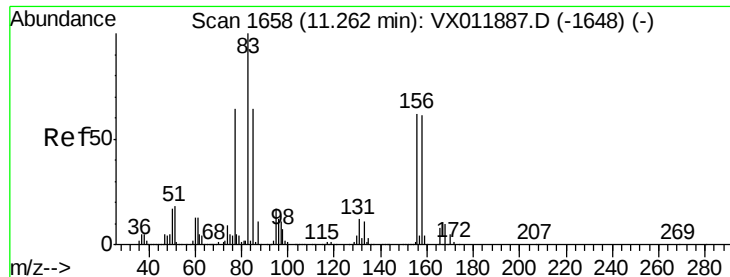
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.802 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

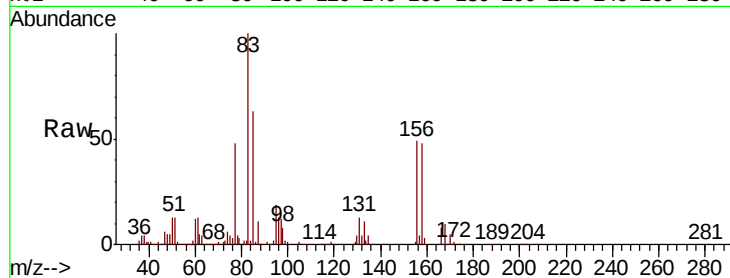
Tgt Ion: 83 Resp: 68311

Ion Ratio Lower Upper

83 100

131 12.9 6.0 18.0

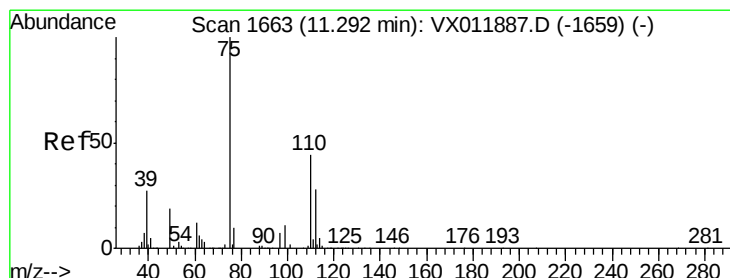
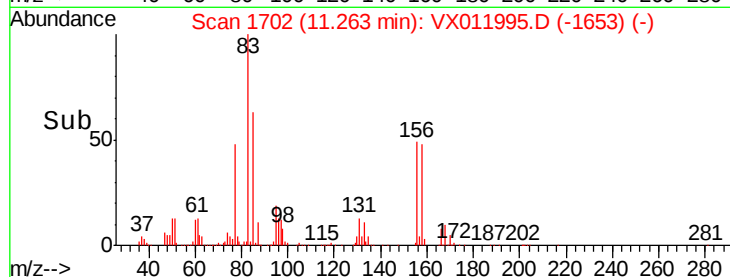
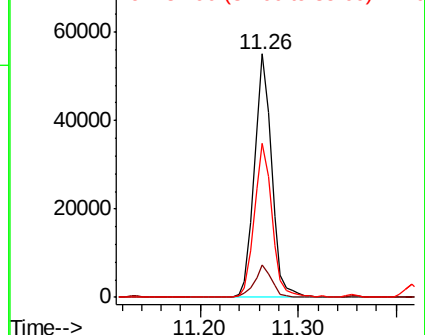
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.659 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX011995.D

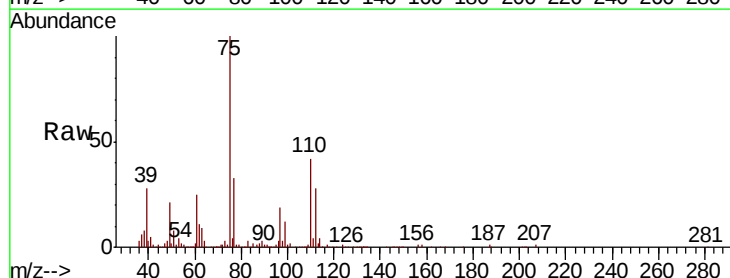
Acq: 01 Sep 2019 16:35

Tgt Ion: 75 Resp: 73233

Ion Ratio Lower Upper

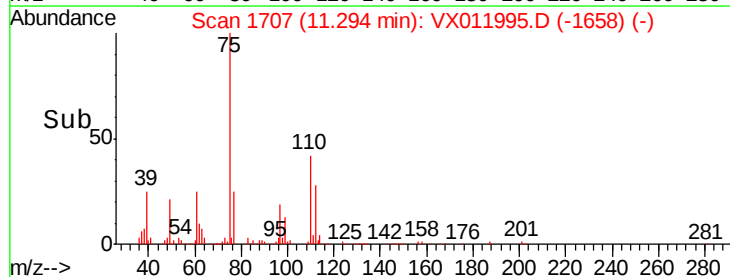
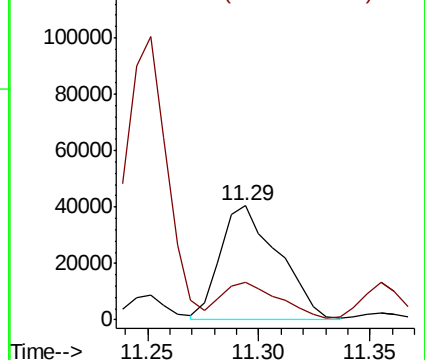
75 100

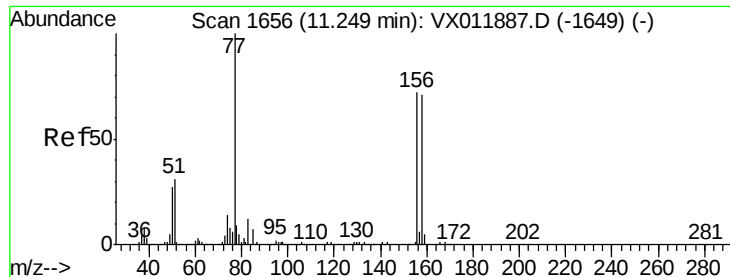
77 32.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.365 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

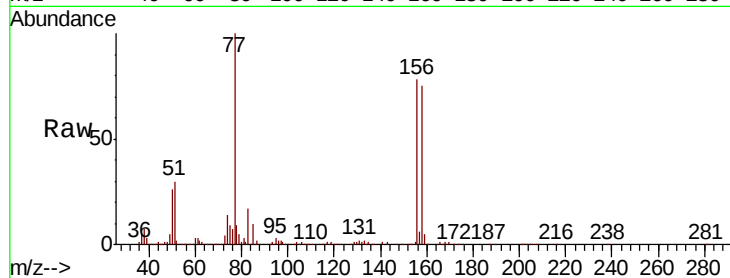
Tgt Ion:156 Resp: 99423

Ion Ratio Lower Upper

156 100

77 130.8 68.1 204.3

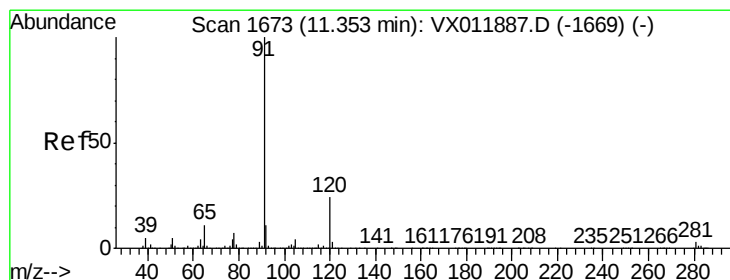
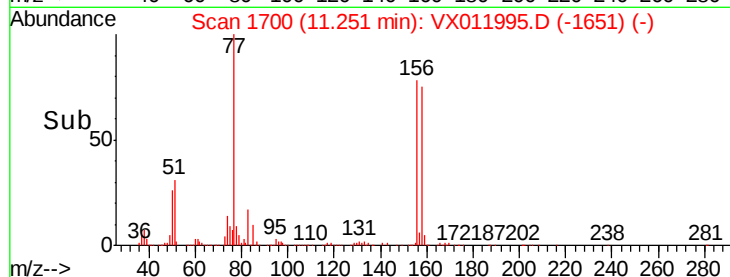
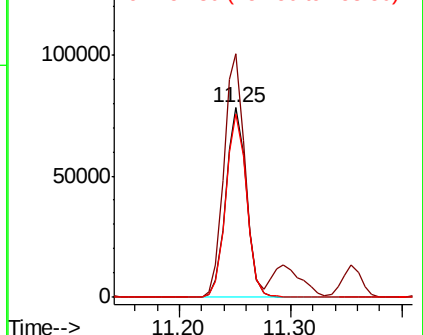
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.437 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX011995.D

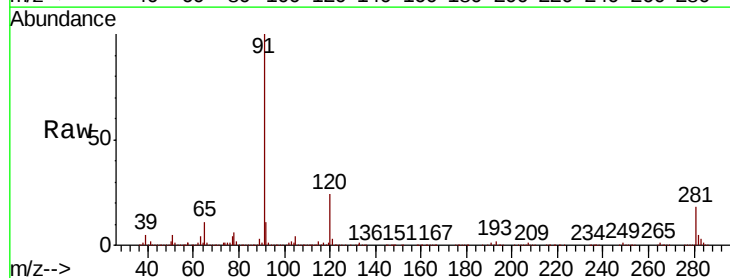
Acq: 01 Sep 2019 16:35

Tgt Ion: 91 Resp: 390040

Ion Ratio Lower Upper

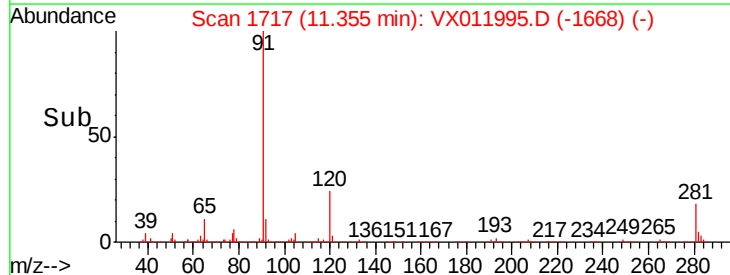
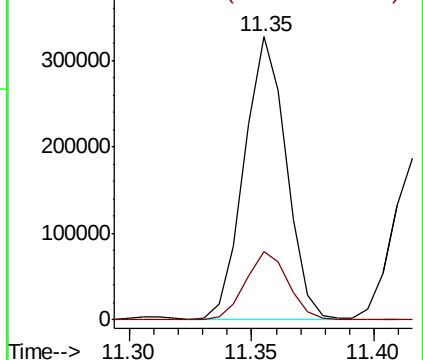
91 100

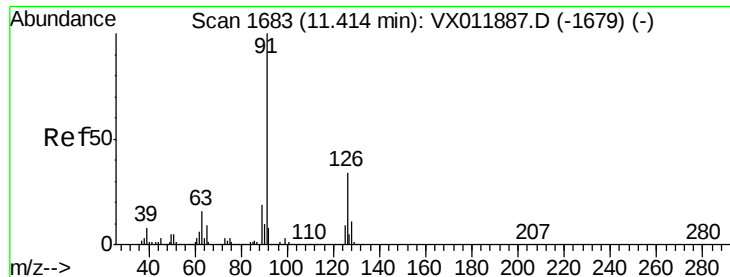
120 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

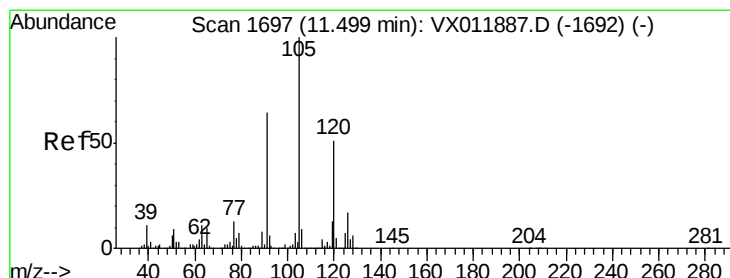
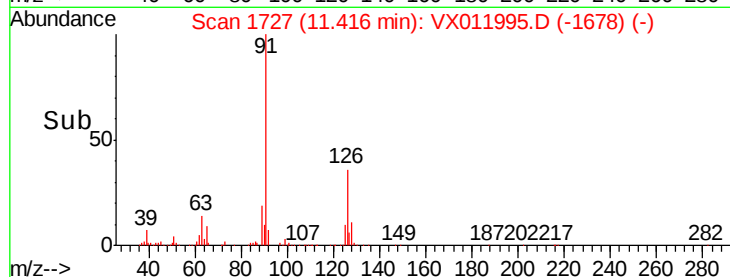
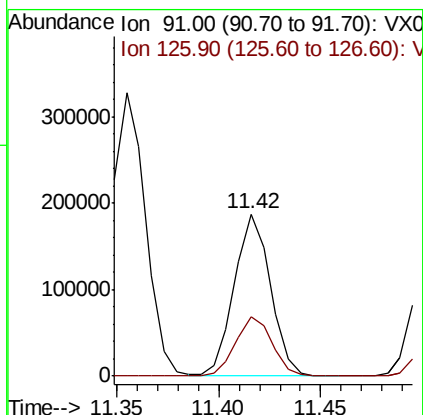
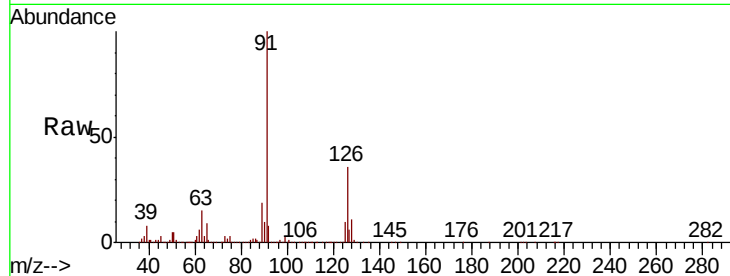




#79
 2-Chlorotoluene
 Concen: 20.947 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

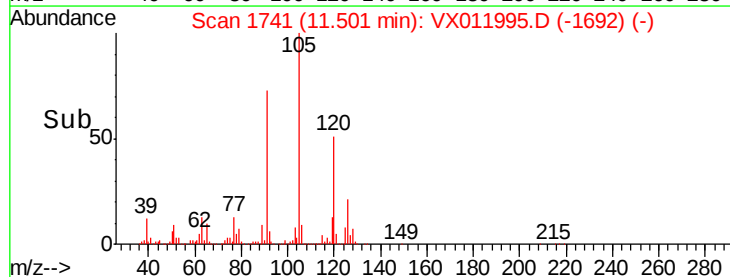
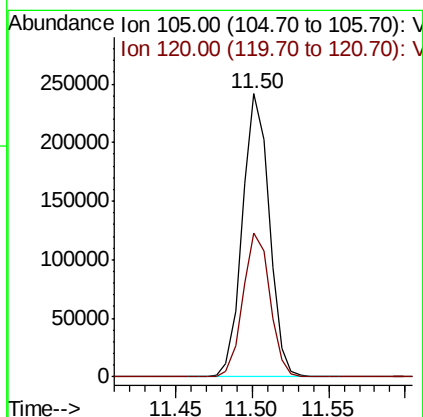
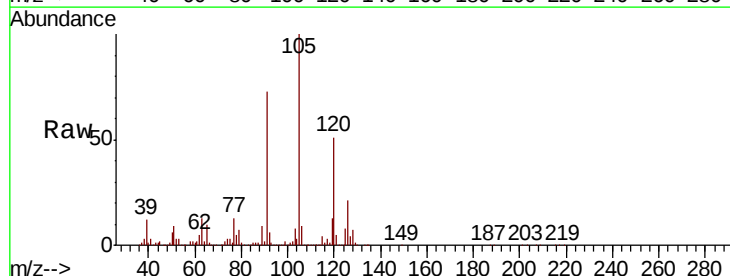
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

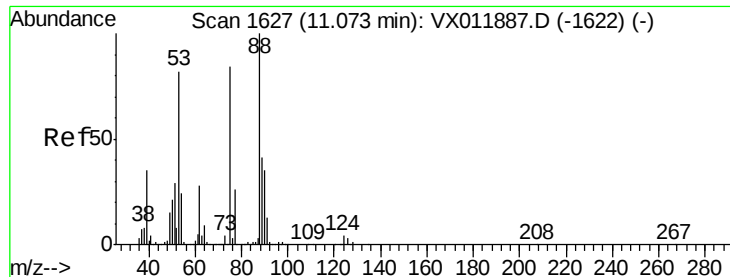
Tgt Ion: 91 Resp: 229415
 Ion Ratio Lower Upper
 91 100
 126 37.0 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.047 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion: 105 Resp: 291492
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.3 75.9

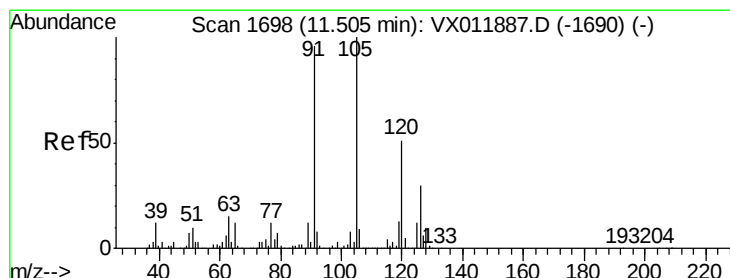
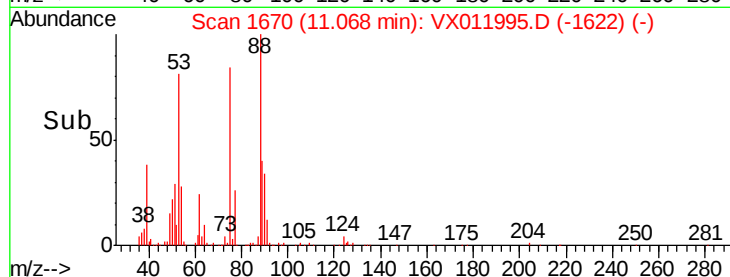
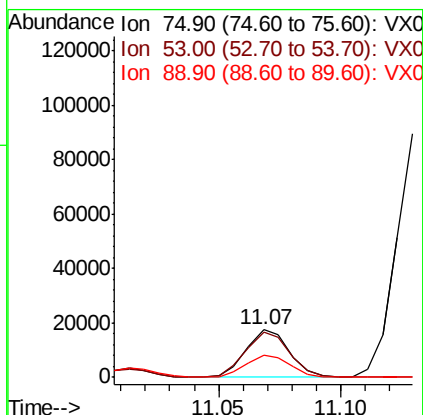
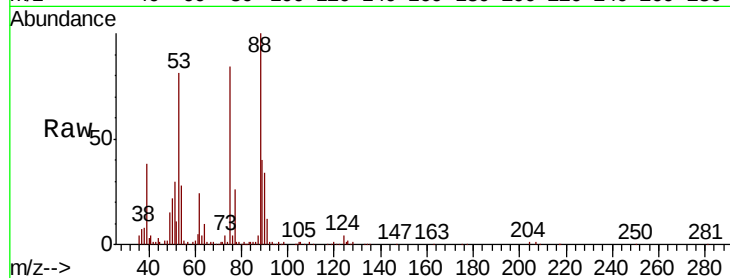




#81
trans-1,4-Dichloro-2-butene
Concen: 19.710 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

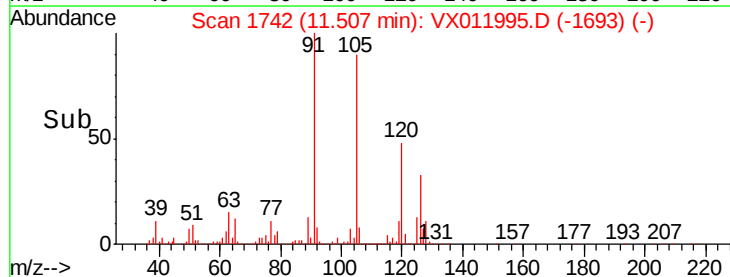
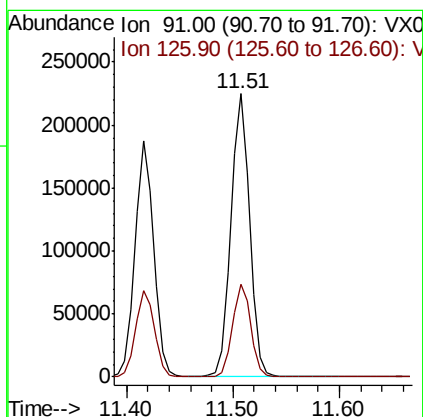
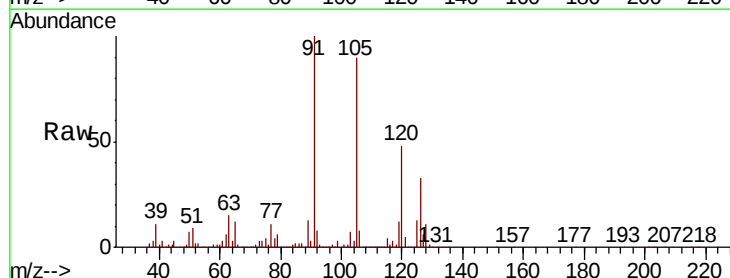
Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

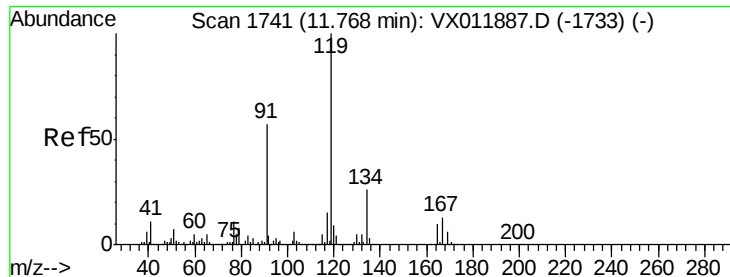
Tgt Ion: 75 Resp: 21553
Ion Ratio Lower Upper
75 100
53 97.7 77.1 115.7
89 49.6 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.957 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX011995.D
Acq: 01 Sep 2019 16:35

Tgt Ion: 91 Resp: 276891
Ion Ratio Lower Upper
91 100
126 32.2 15.9 47.6

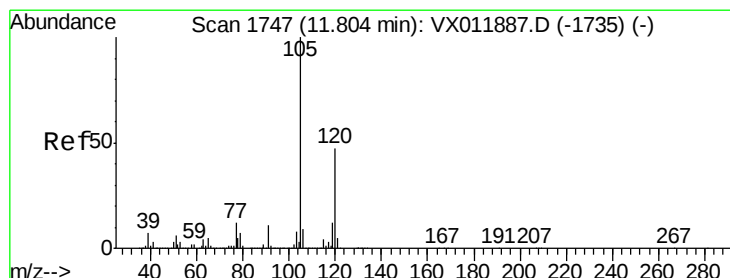
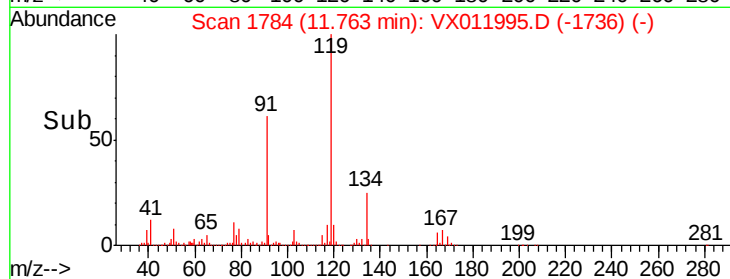
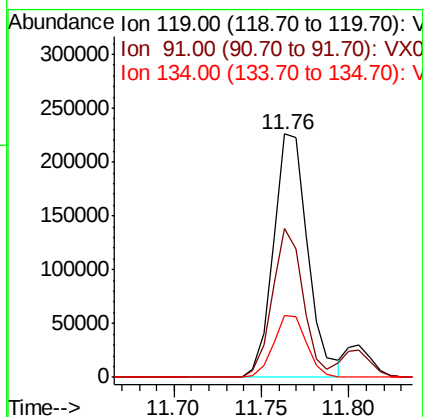
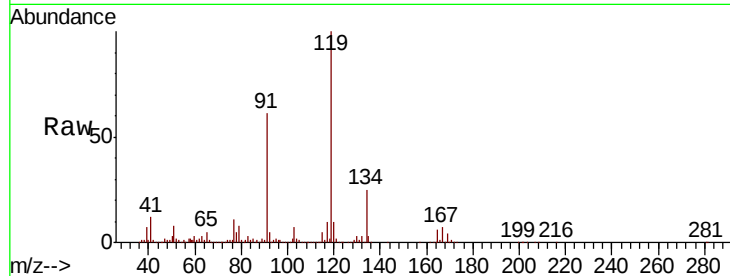




#83
 tert-Butylbenzene
 Concen: 22.014 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

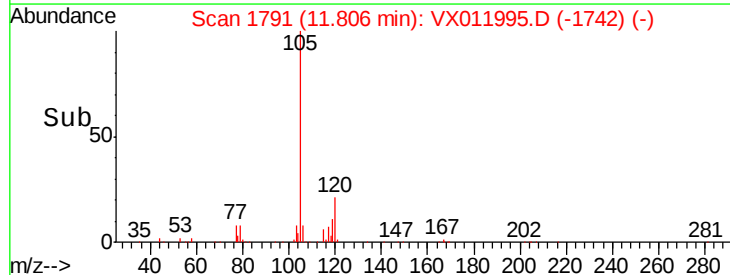
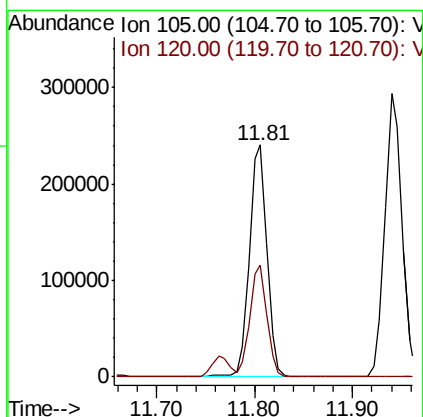
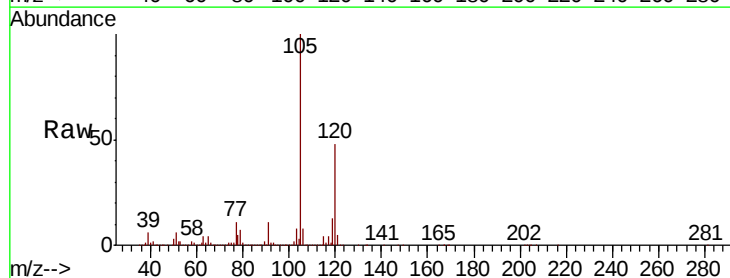
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

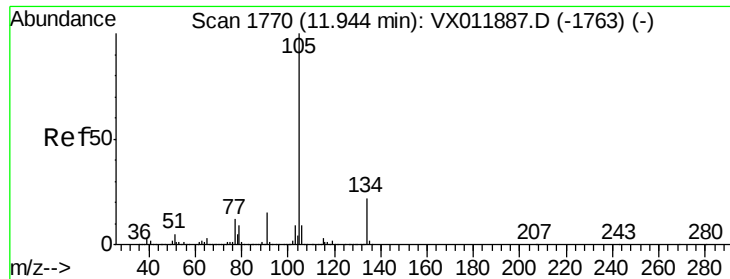
Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.9	83.6
134	24.5	12.3	36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.978 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 21.846 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

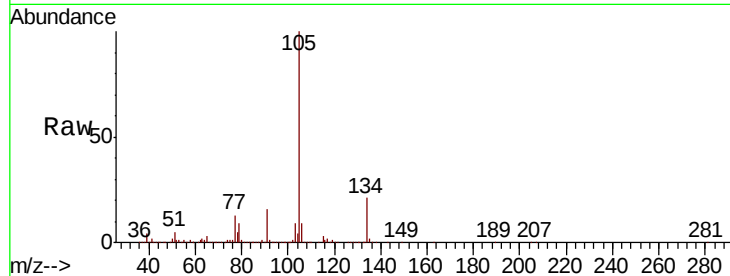
VX0901SBSD02

Tgt Ion:105 Resp: 356589

Ion Ratio Lower Upper

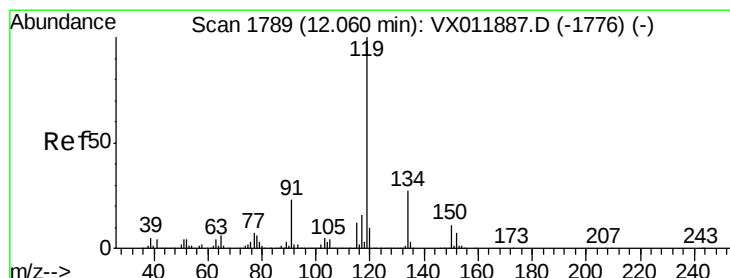
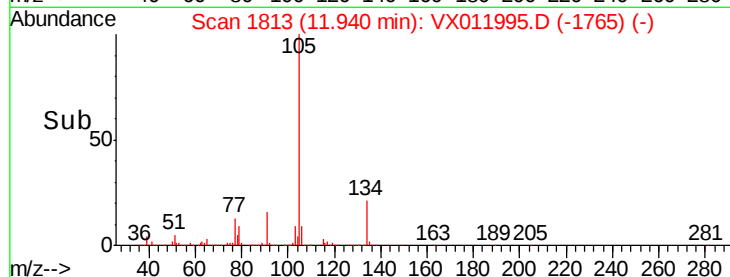
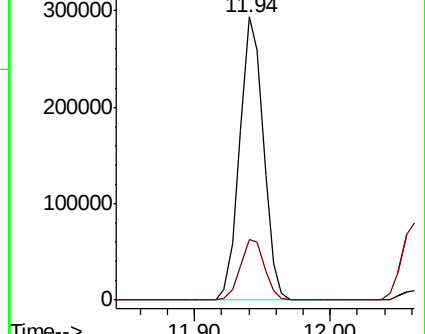
105 100

134 22.1 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.855 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

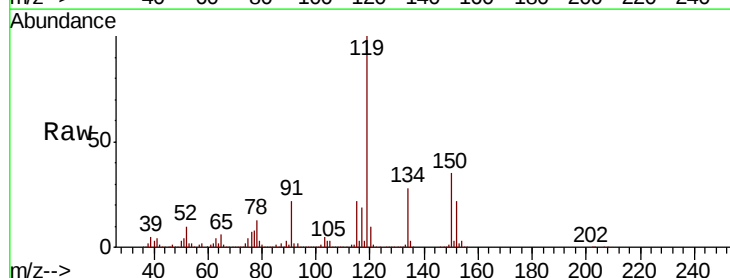
Tgt Ion:119 Resp: 345916

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

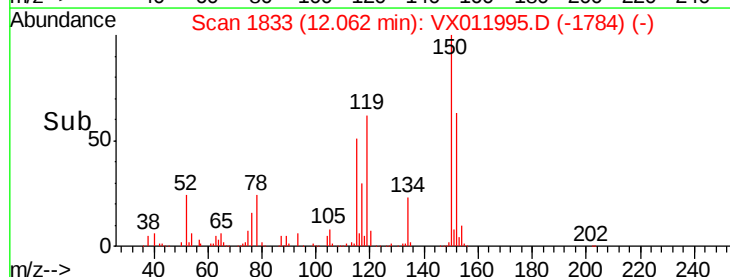
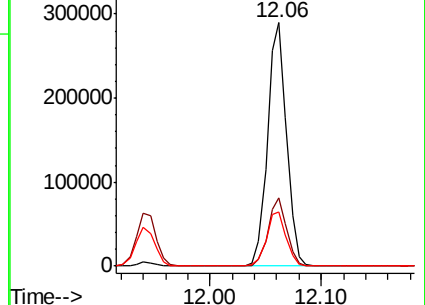
91 22.8 11.6 34.7

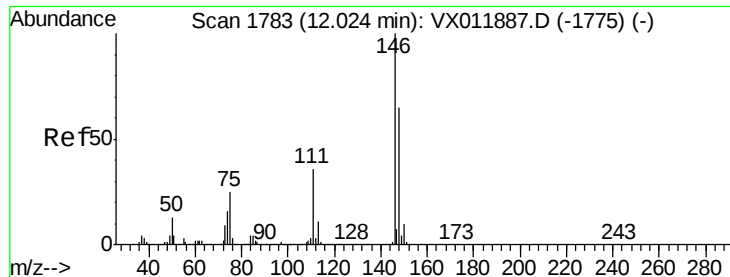


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 21.458 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

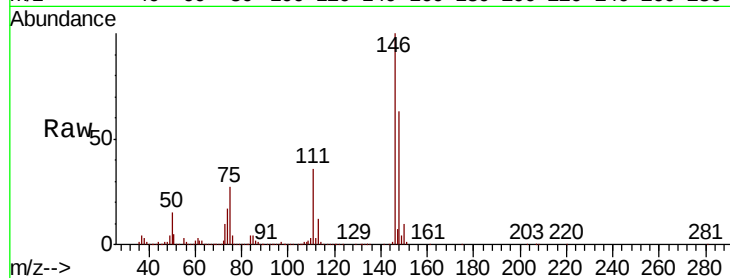
Tgt Ion:146 Resp: 185589

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

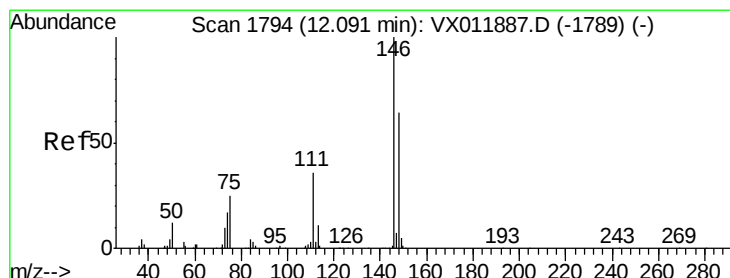
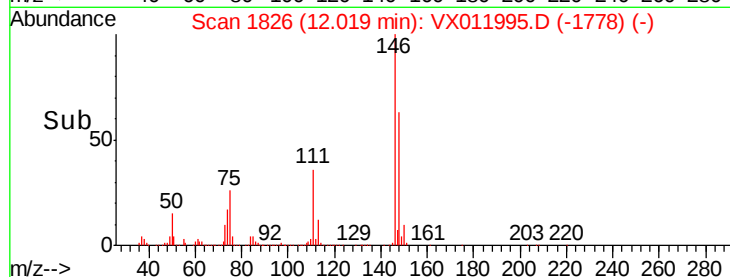
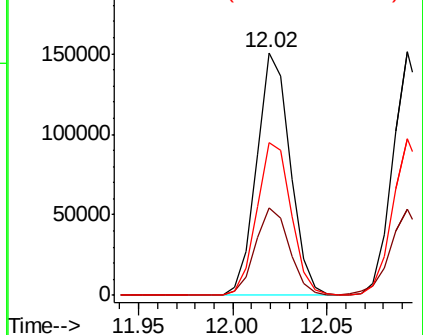
148 64.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.105 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

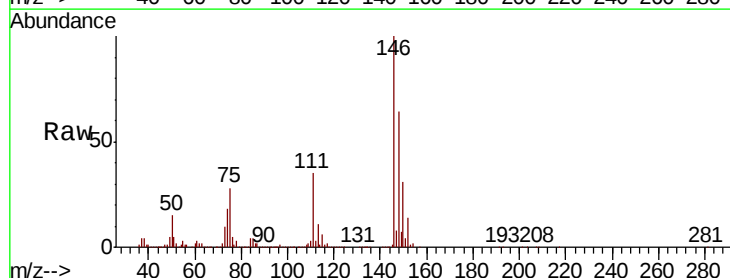
Tgt Ion:146 Resp: 184527

Ion Ratio Lower Upper

146 100

111 36.4 17.9 53.7

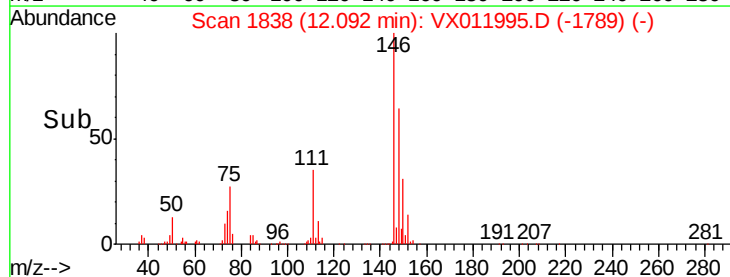
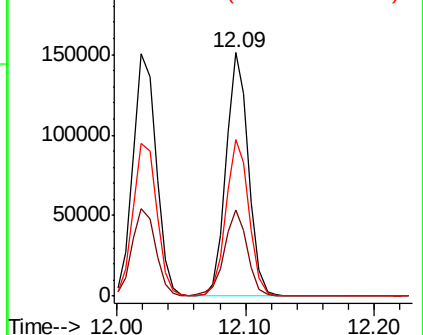
148 65.7 32.4 97.0

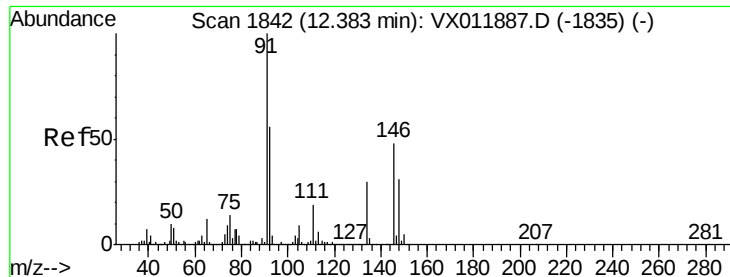


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.367 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

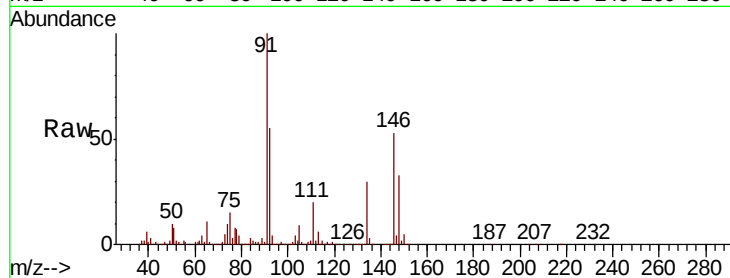
Tgt Ion: 91 Resp: 299210

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.8

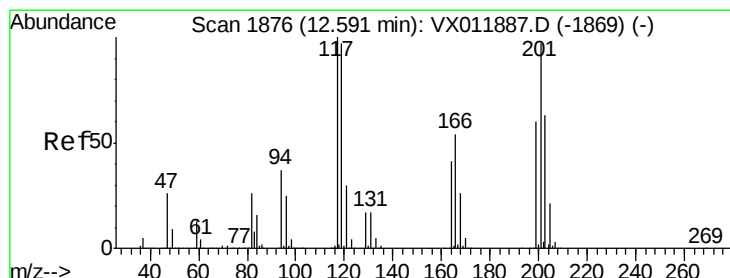
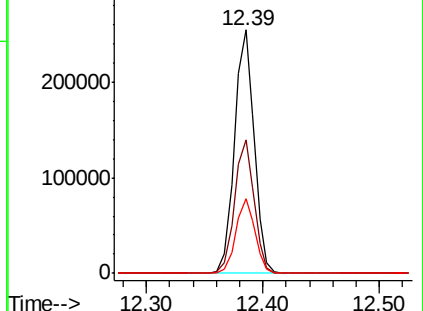
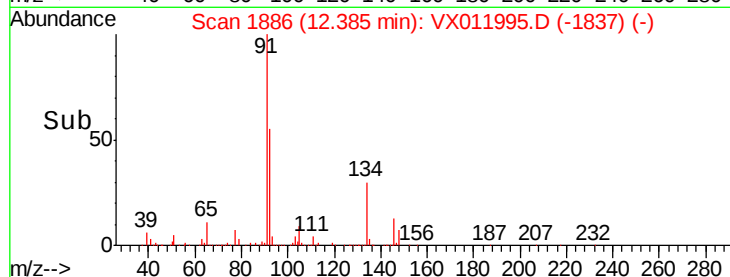
134 29.8 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.830 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX011995.D

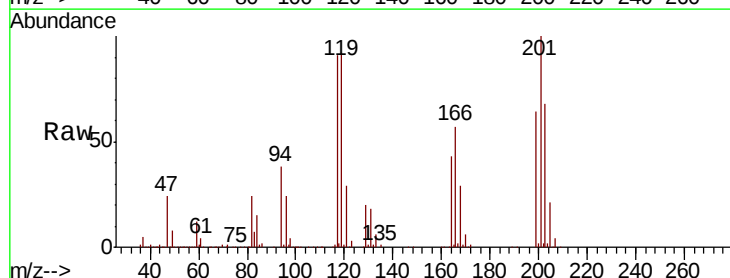
Acq: 01 Sep 2019 16:35

Tgt Ion: 117 Resp: 63782

Ion Ratio Lower Upper

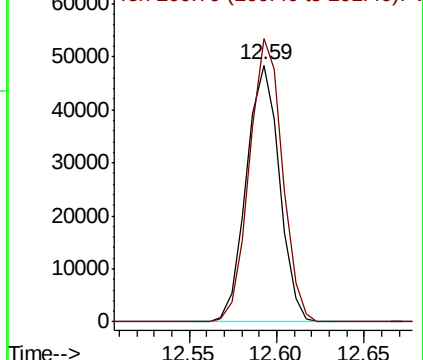
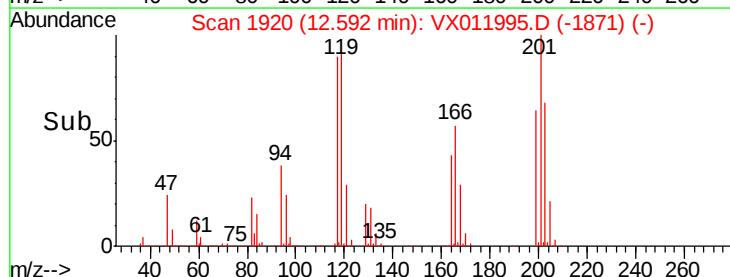
117 100

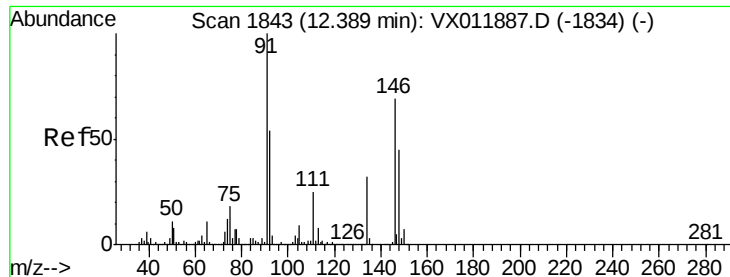
201 109.3 52.8 158.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.671 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

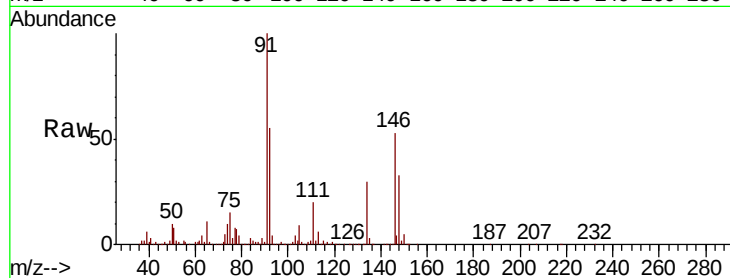
Tgt Ion:146 Resp: 174257

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.5

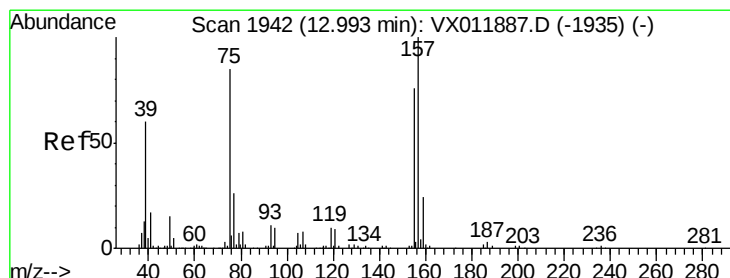
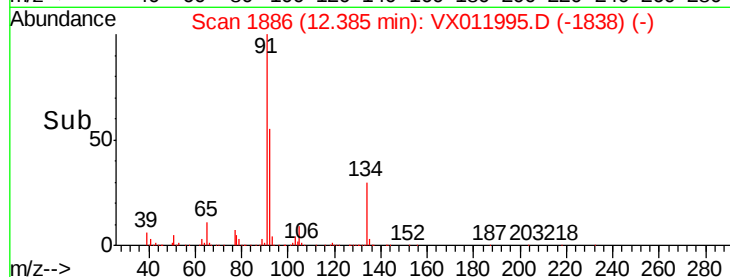
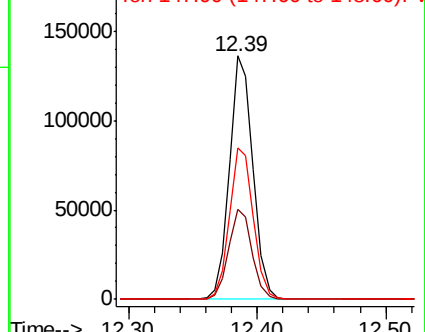
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.976 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

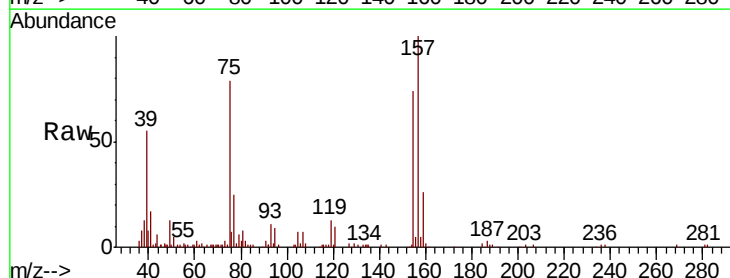
Tgt Ion: 75 Resp: 13067

Ion Ratio Lower Upper

75 100

155 101.1 50.1 150.4

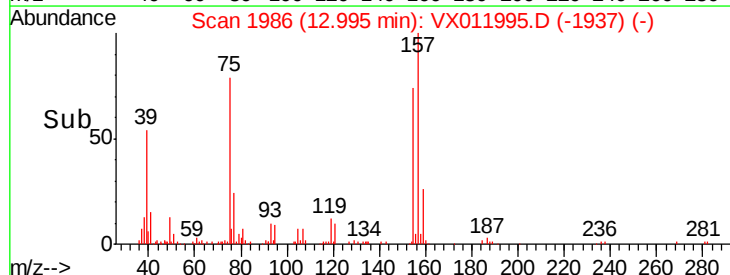
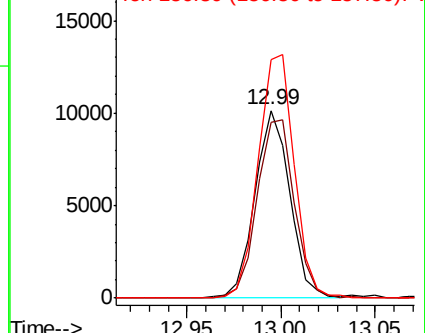
157 133.6 63.9 191.7

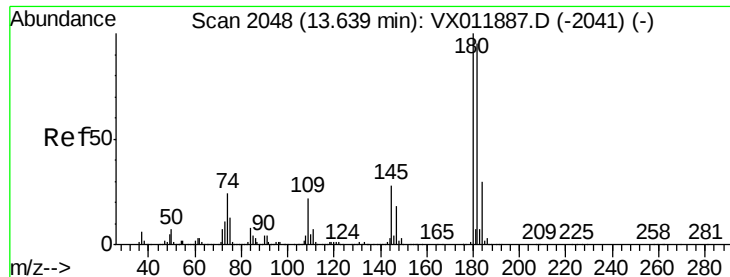


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

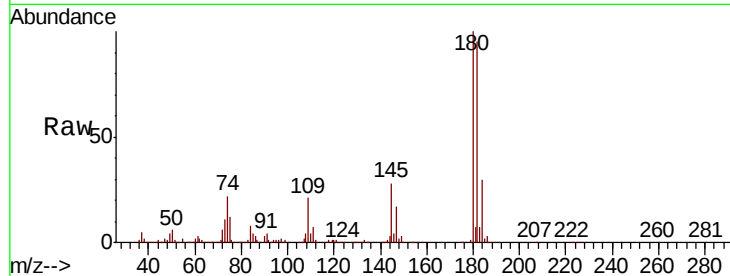




#93
 1,2,4-Trichlorobenzene
 Concen: 20.828 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.1	144.4
145	27.2	13.8	41.3

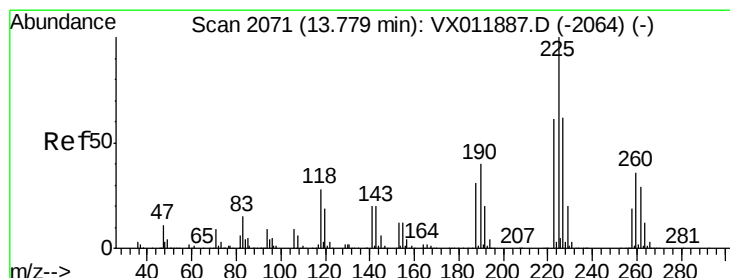
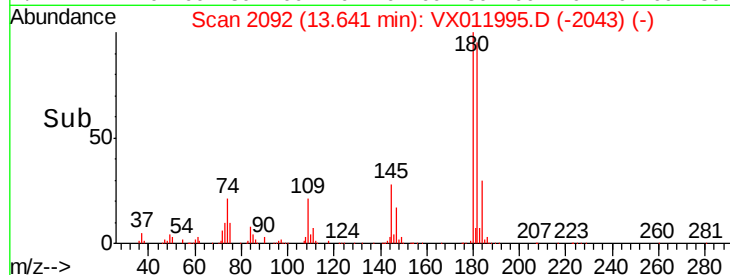
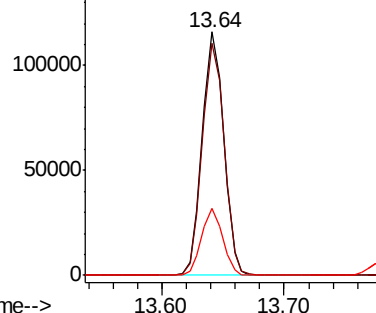


Abundance

Ion 179.80 (179.50 to 180.50): V

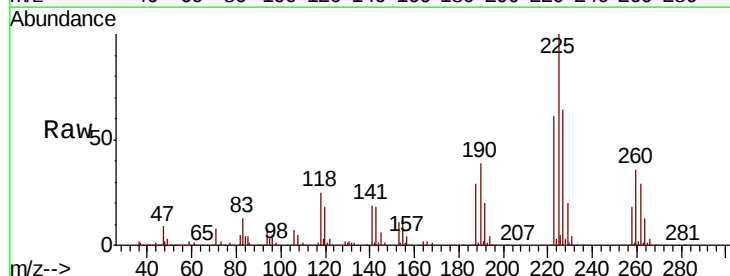
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.559 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX011995.D
 Acq: 01 Sep 2019 16:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.8	92.3
227	64.8	31.9	95.7

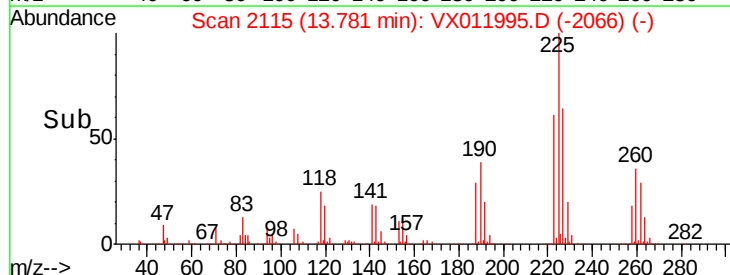
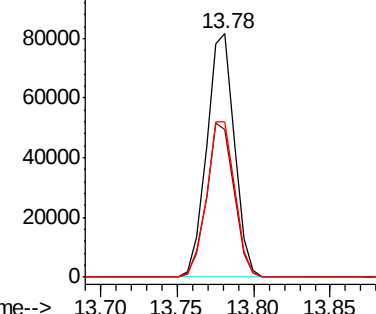


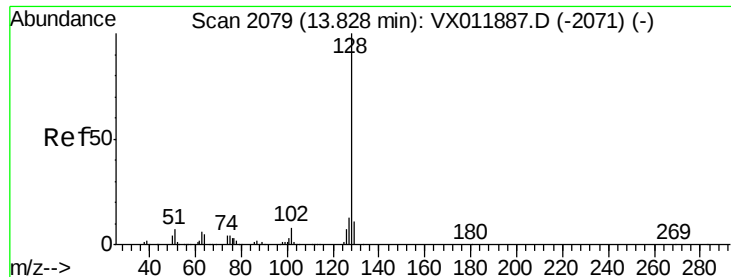
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.542 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBSD02

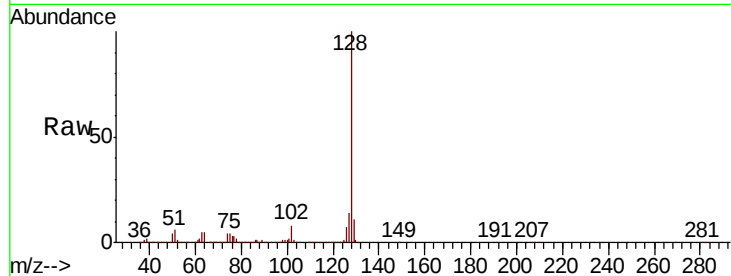
Tgt Ion:128 Resp: 227082

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

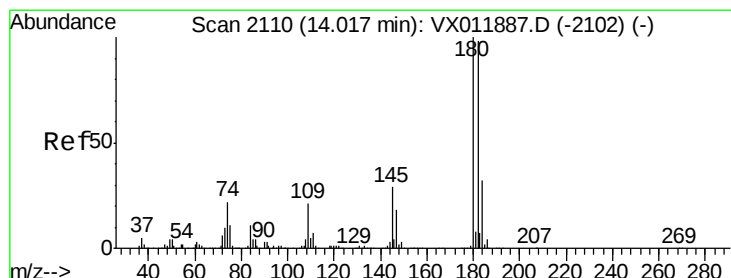
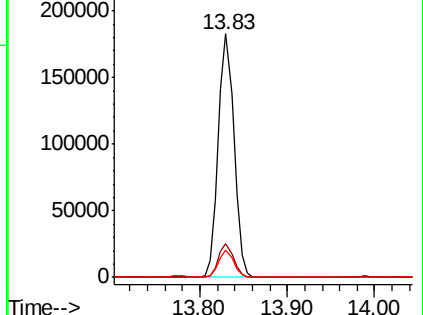
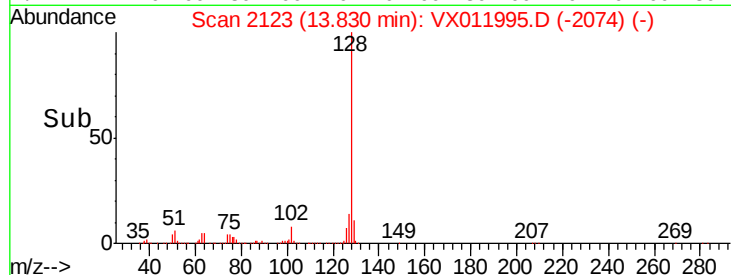
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.539 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX011995.D

Acq: 01 Sep 2019 16:35

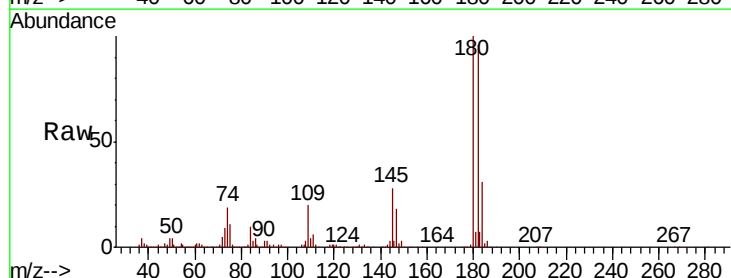
Tgt Ion:180 Resp: 125752

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 29.0 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

