

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012219.D
 Acq On : 08 Sep 2019 13:23
 Operator : SY/SP
 Sample : VX0908SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Quant Time: Sep 09 01:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	121629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	216673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	88809	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	5.48	113	68424	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	8.71	98	256273	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.14	95	114862	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23321	20.792	ug/l	93
3) Chloromethane	1.31	50	20641	17.969	ug/l	97
4) Vinyl Chloride	1.39	62	20613	19.073	ug/l	97
5) Bromomethane	1.62	94	10750	20.052	ug/l	98
6) Chloroethane	1.70	64	13618	20.270	ug/l	96
7) Trichlorofluoromethane	1.91	101	36123	21.520	ug/l	98
8) Diethyl Ether	2.17	74	12238	21.098	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	25637	20.621	ug/l #	84
10) Methyl Iodide	2.50	142	12515	15.541	ug/l	92
11) Tert butyl alcohol	3.03	59	19905	123.484	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	22223	18.555	ug/l	86
13) Acrolein	2.28	56	5555	120.052	ug/l	93
14) Allyl chloride	2.71	41	43163	19.917	ug/l	95
15) Acrylonitrile	3.12	53	40094	109.996	ug/l	99
16) Acetone	2.43	43	44145	110.050	ug/l	97
17) Carbon Disulfide	2.55	76	46792	13.368	ug/l	99
18) Methyl Acetate	2.76	43	20156	21.330	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	83192	21.336	ug/l	96
20) Methylene Chloride	2.84	84	30291	18.805	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	25076	17.842	ug/l	91
22) Diisopropyl ether	3.84	45	95188	21.549	ug/l	96
23) Vinyl Acetate	3.80	43	310301	108.594	ug/l	98
24) 1,1-Dichloroethane	3.68	63	52563	20.517	ug/l	99
25) 2-Butanone	4.66	43	58249	114.076	ug/l	96
26) 2,2-Dichloropropane	4.56	77	50832	21.491	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	32537	19.750	ug/l	90
28) Bromochloromethane	5.00	49	21227	20.757	ug/l #	79
29) Tetrahydrofuran	5.12	42	33917	110.247	ug/l	98
30) Chloroform	5.20	83	58337	21.222	ug/l	100
31) Cyclohexane	5.56	56	37592	18.271	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	50199	20.967	ug/l	97
36) 1,1-Dichloropropene	5.79	75	37426	19.612	ug/l	94
37) Ethyl Acetate	4.81	43	24834	23.931	ug/l	98
38) Carbon Tetrachloride	5.77	117	41530	20.653	ug/l	100

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 Sample : VX0908SBSD02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

Quant Time: Sep 09 01:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	40296	18.193	ug/l	95
40) Benzene	6.13	78	109546	19.996	ug/l	97
41) Methacrylonitrile	5.02	41	15098	24.397	ug/l	93
42) 1,2-Dichloroethane	6.18	62	44825	22.736	ug/l	98
43) Isopropyl Acetate	6.43	43	49616	23.514	ug/l	98
44) Trichloroethene	7.20	130	29954	20.271	ug/l	81
45) 1,2-Dichloropropane	7.50	63	30255	21.375	ug/l	96
46) Dibromomethane	7.65	93	17330	20.973	ug/l #	75
47) Bromodichloromethane	7.89	83	45069	21.458	ug/l	98
48) Methyl methacrylate	7.76	41	24412	23.009	ug/l	95
49) 1,4-Dioxane	7.74	88	6316	436.696	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	134112	124.957	ug/l	98
52) Toluene	8.78	92	71957	20.187	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	45822	21.073	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50075	20.709	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	27213	23.036	ug/l	97
56) Ethyl methacrylate	9.17	69	37293	22.040	ug/l	93
57) 1,3-Dichloropropane	9.37	76	45615	22.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	79177	103.791	ug/l	93
59) 2-Hexanone	9.48	43	98654	125.973	ug/l	97
60) Dibromochloromethane	9.57	129	30989	22.011	ug/l	97
61) 1,2-Dibromoethane	9.67	107	25213	22.088	ug/l	95
64) Tetrachloroethene	9.33	164	26582	21.425	ug/l	90
65) Chlorobenzene	10.14	112	84773	21.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32808	22.851	ug/l	96
67) Ethyl Benzene	10.25	91	150033	20.962	ug/l	94
68) m/p-Xylenes	10.36	106	109511	41.528	ug/l	88
69) o-Xylene	10.70	106	55441	21.681	ug/l	90
70) Styrene	10.71	104	97509	21.954	ug/l	95
71) Bromoform	10.85	173	18058	22.900	ug/l #	96
73) Isopropylbenzene	11.01	105	153854	21.200	ug/l	95
74) N-amyl acetate	10.89	43	49236	22.946	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	36149	23.893	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	38807	32.110	ug/l	80
77) Bromobenzene	11.25	156	35788	22.049	ug/l	69
78) n-propylbenzene	11.35	91	184514	21.045	ug/l	94
79) 2-Chlorotoluene	11.42	91	114909	21.633	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	134867	21.206	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	10635	20.804	ug/l	89
82) 4-Chlorotoluene	11.51	91	141294	22.317	ug/l	90
83) tert-Butylbenzene	11.76	119	135326	22.324	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	141918	21.711	ug/l	93
85) sec-Butylbenzene	11.94	105	159931	21.241	ug/l	94
86) p-Isopropyltoluene	12.06	119	143970	21.026	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	72375	22.253	ug/l	91
88) 1,4-Dichlorobenzene	12.09	146	73174	22.501	ug/l	93
89) n-Butylbenzene	12.39	91	139450	20.965	ug/l	96
90) Hexachloroethane	12.59	117	26598	19.454	ug/l	58
91) 1,2-Dichlorobenzene	12.39	146	69739	23.808	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	7334	23.164	ug/l	64

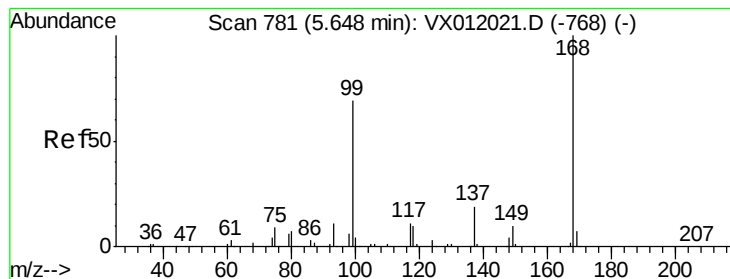
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012219.D
Acq On : 08 Sep 2019 13:23
Operator : SY/SP
Sample : VX0908SBSD02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBSD02

Quant Time: Sep 09 01:49:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47025	22.555	ug/l	96
94) Hexachlorobutadiene	13.78	225	23282	22.153	ug/l	97
95) Naphthalene	13.83	128	106807	23.670	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	42422	23.128	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

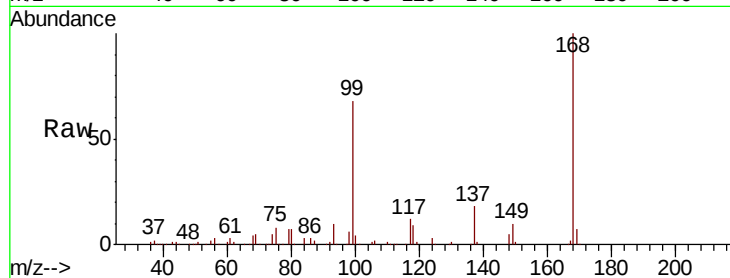
VX0908SBS02

Tgt Ion:168 Resp: 121629

Ion Ratio Lower Upper

168 100

99 67.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

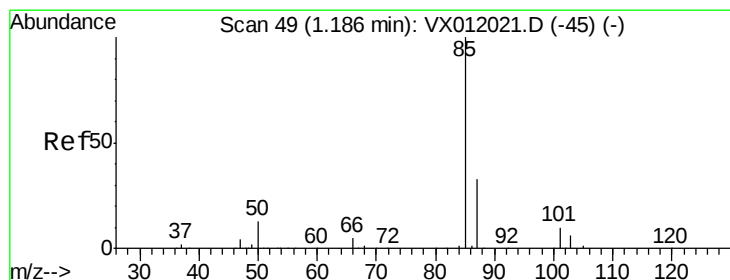
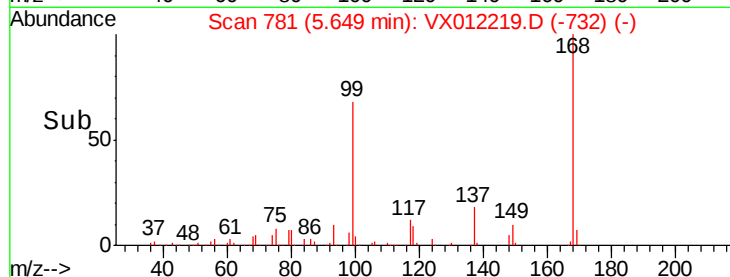
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.792 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012219.D

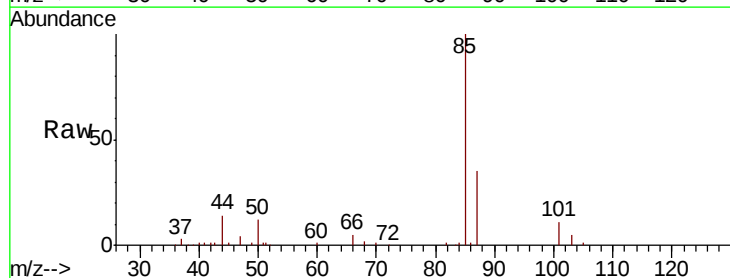
Acq: 08 Sep 2019 13:23

Tgt Ion: 85 Resp: 23321

Ion Ratio Lower Upper

85 100

87 35.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

20000

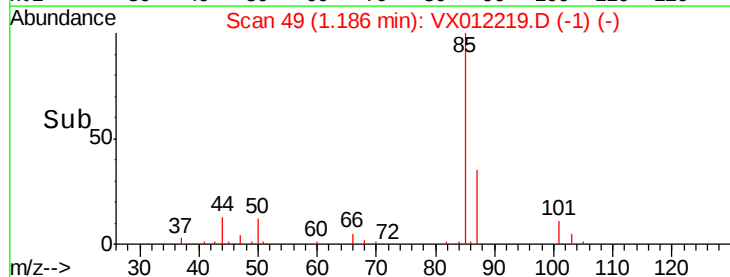
15000

10000

5000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.969 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

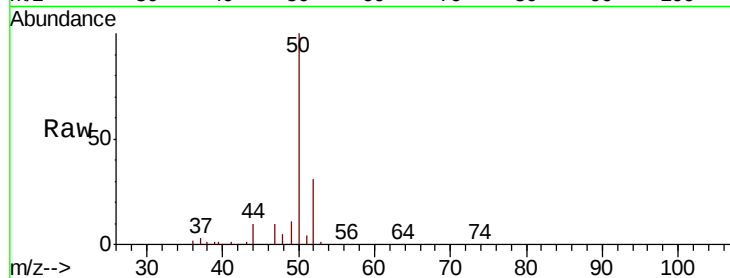
VX0908SBSD02

Tgt Ion: 50 Resp: 20641

Ion Ratio Lower Upper

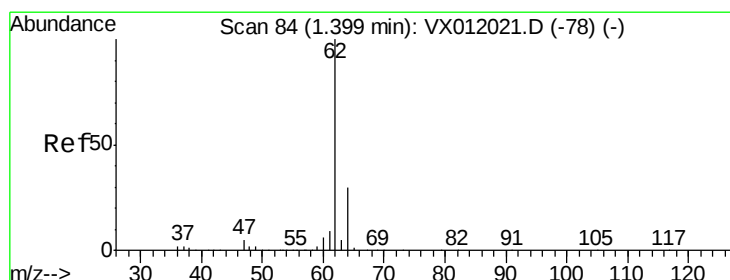
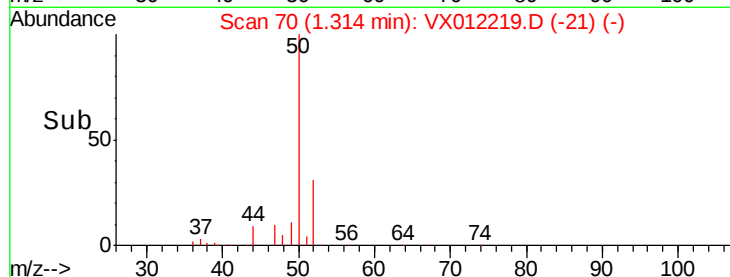
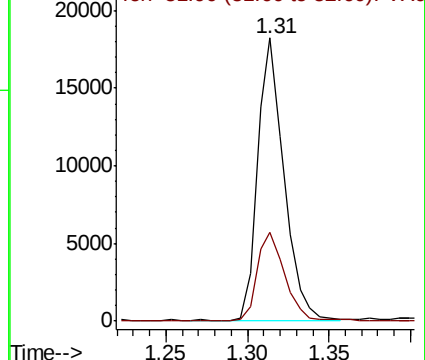
50 100

52 31.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.073 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012219.D

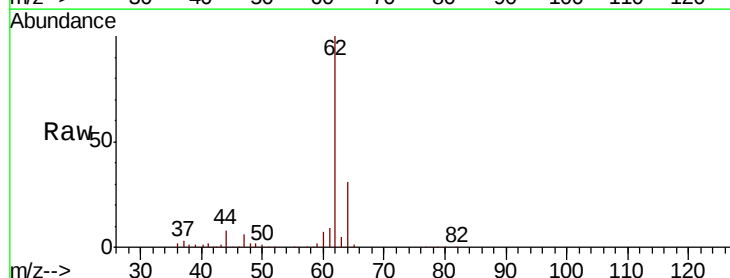
Acq: 08 Sep 2019 13:23

Tgt Ion: 62 Resp: 20613

Ion Ratio Lower Upper

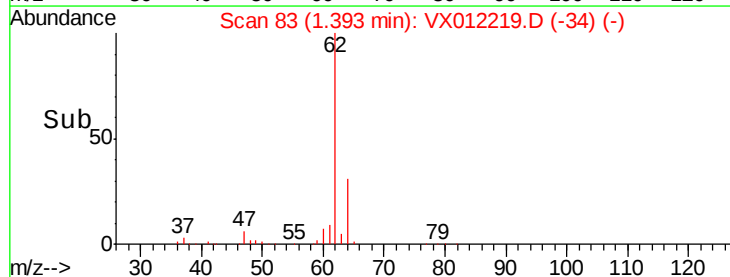
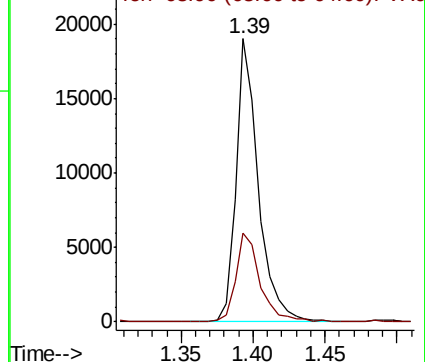
62 100

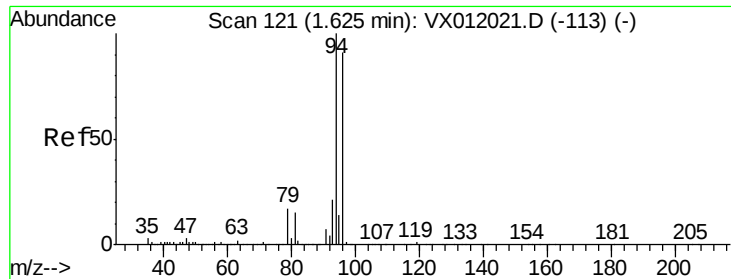
64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.052 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

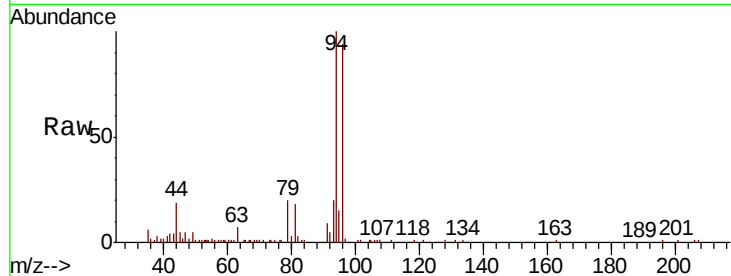
VX0908SBS02

Tgt Ion: 94 Resp: 10750

Ion Ratio Lower Upper

94 100

96 93.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

12000

10000

8000

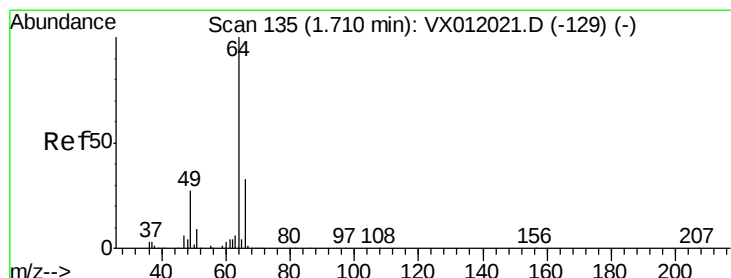
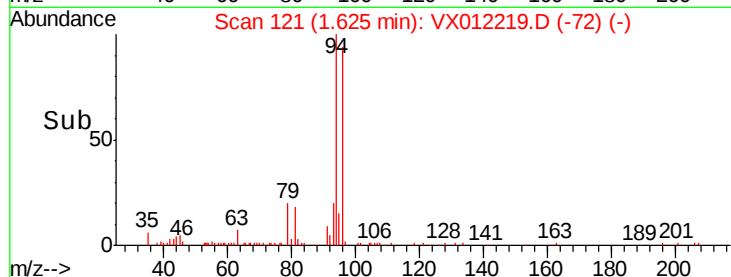
6000

4000

2000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 20.270 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012219.D

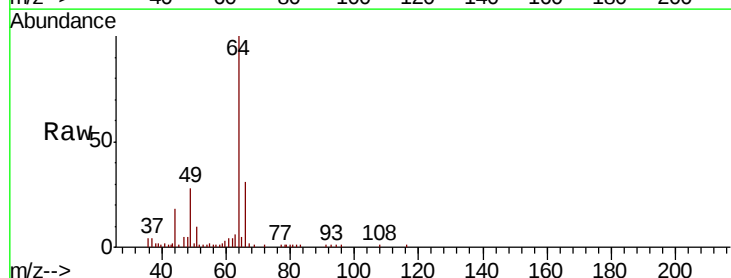
Acq: 08 Sep 2019 13:23

Tgt Ion: 64 Resp: 13618

Ion Ratio Lower Upper

64 100

66 30.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

10000

8000

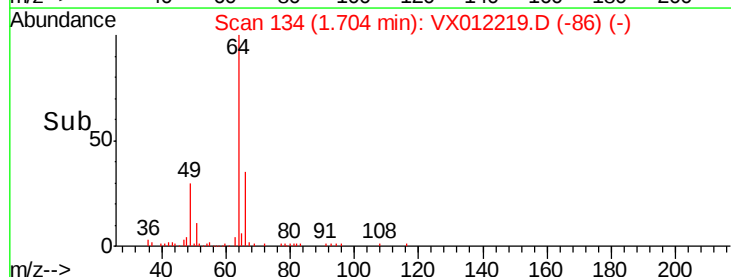
6000

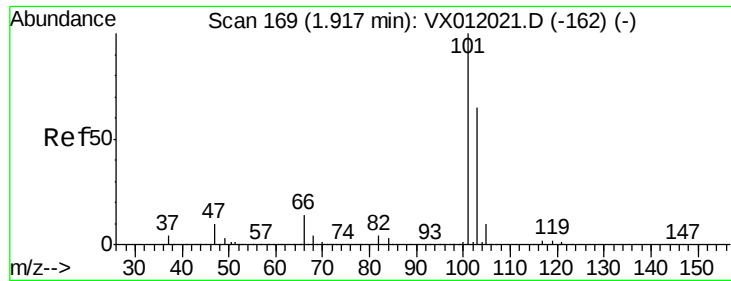
4000

2000

0

Time--> 1.65 1.70 1.75 1.80 1.85



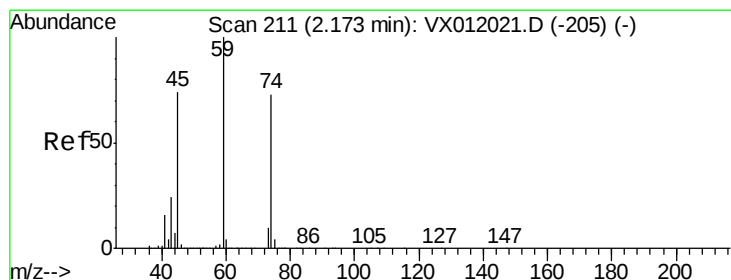
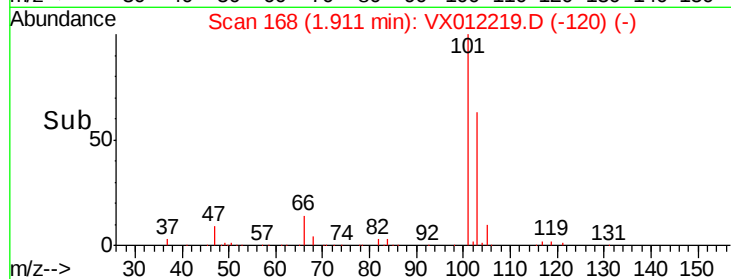
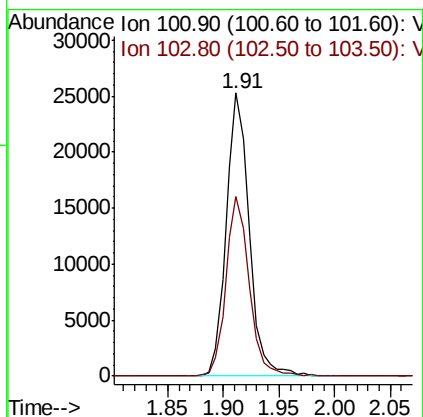
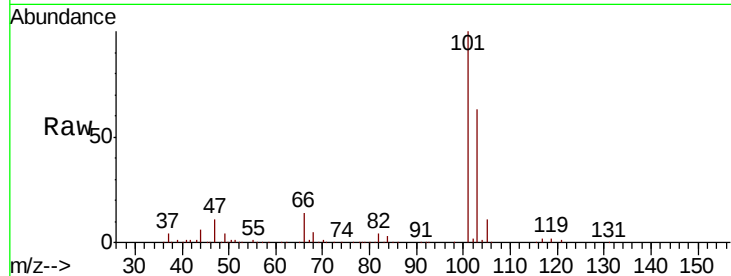


#7

Trichlorofluoromethane
 Concen: 21.520 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

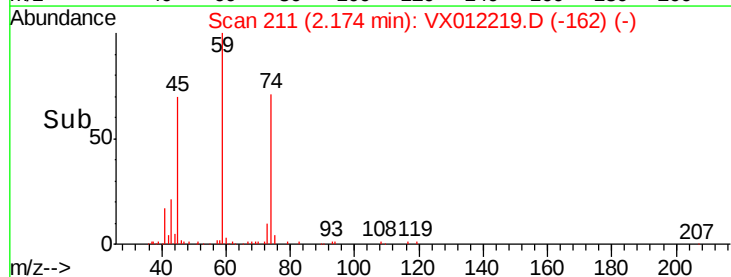
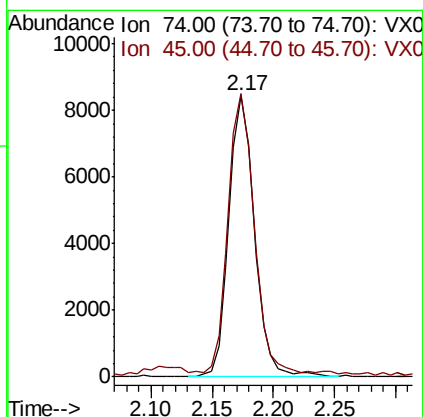
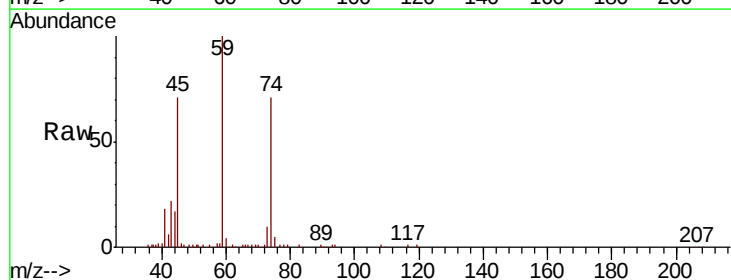
Tgt Ion:101 Resp: 36123
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4

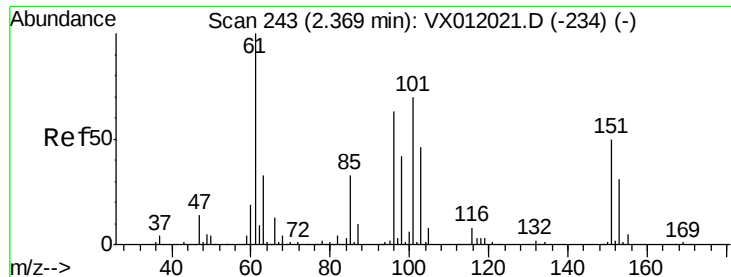


#8

Diethyl Ether
 Concen: 21.098 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 74 Resp: 12238
 Ion Ratio Lower Upper
 74 100
 45 100.2 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.621 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBSD02

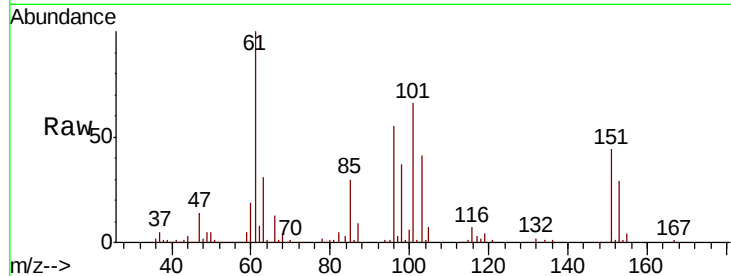
Tgt Ion:101 Resp: 25637

Ion Ratio Lower Upper

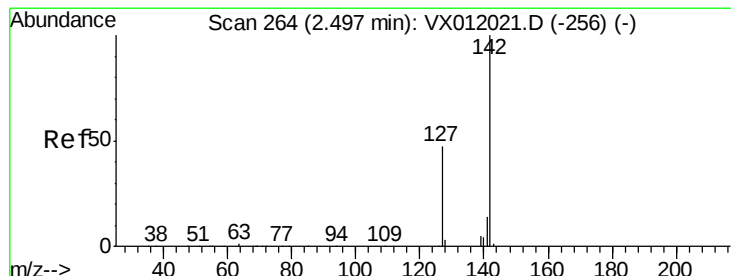
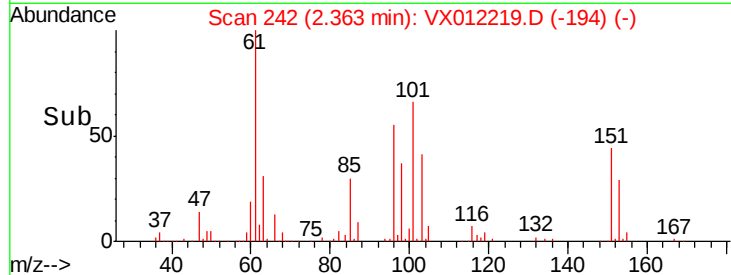
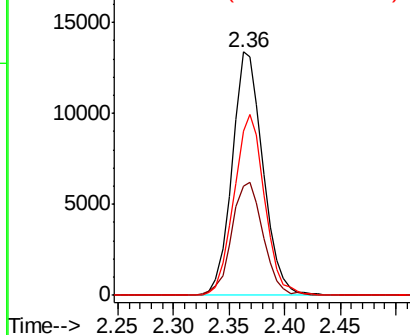
101 100

85 47.5 34.5 51.7

151 73.6 75.0 112.4#



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: 15.541 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

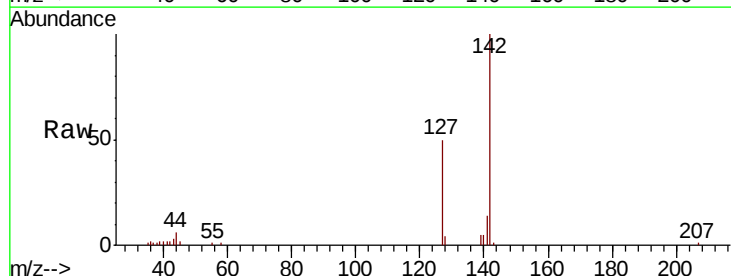
Tgt Ion:142 Resp: 12515

Ion Ratio Lower Upper

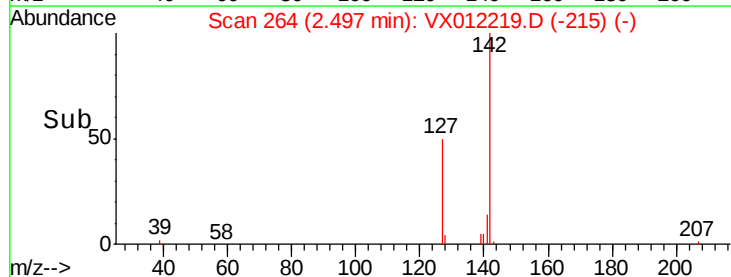
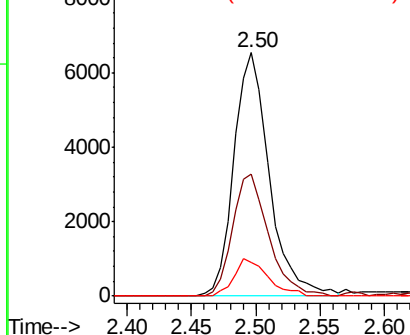
142 100

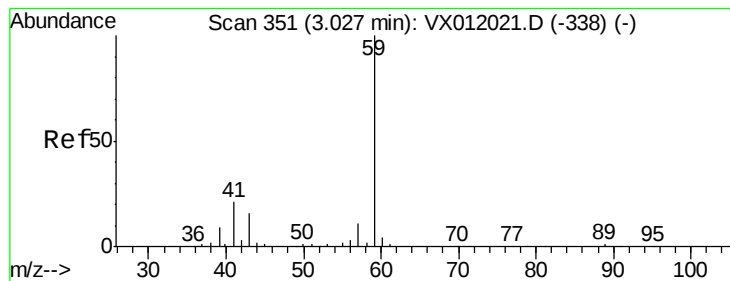
127 50.7 35.4 53.2

141 14.7 11.4 17.2



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



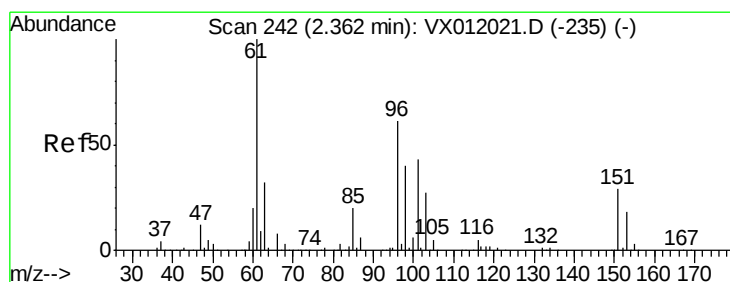
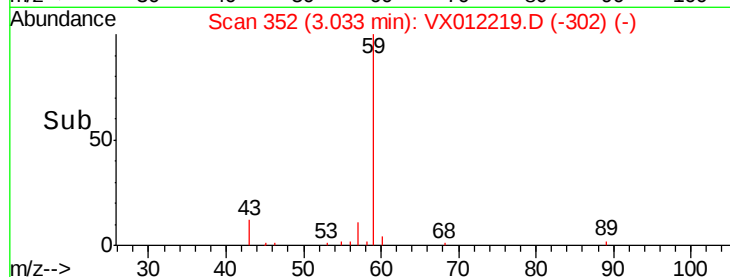
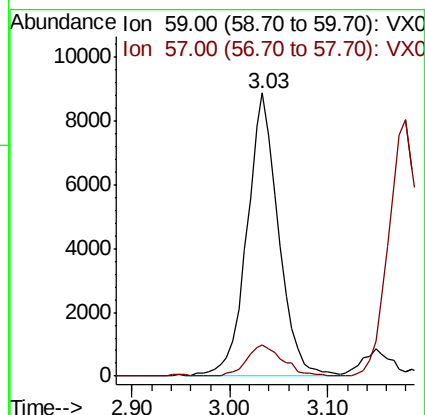
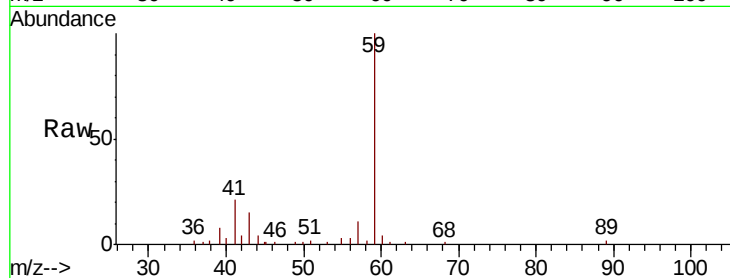


#11

Tert butyl alcohol
 Concen: 123.484 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

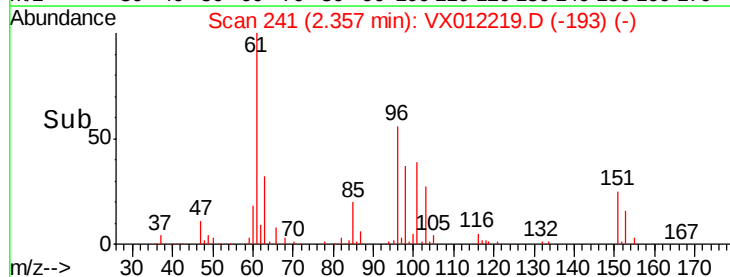
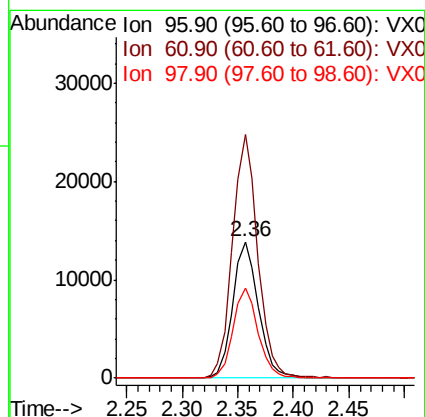
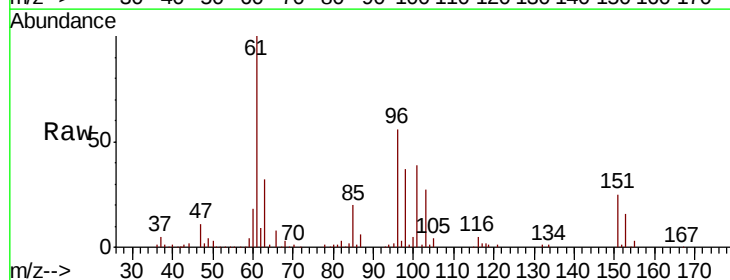
Tgt Ion: 59 Resp: 19905
 Ion Ratio Lower Upper
 59 100
 57 12.4 7.9 11.9#

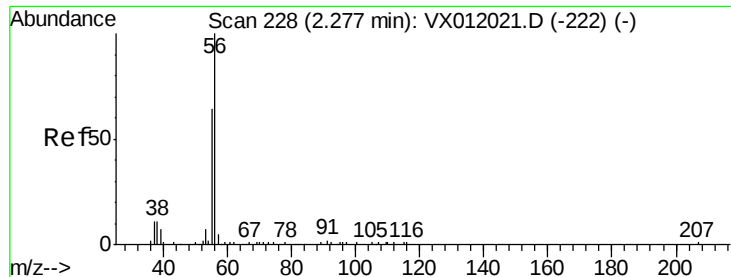


#12

1,1-Dichloroethene
 Concen: 18.555 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 96 Resp: 22223
 Ion Ratio Lower Upper
 96 100
 61 178.3 124.1 186.1
 98 65.6 50.2 75.2





#13

Acrolein

Concen: 120.052 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

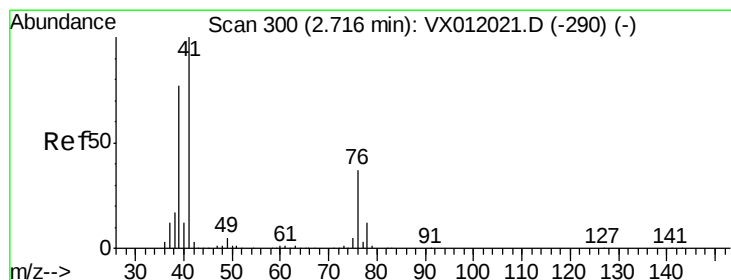
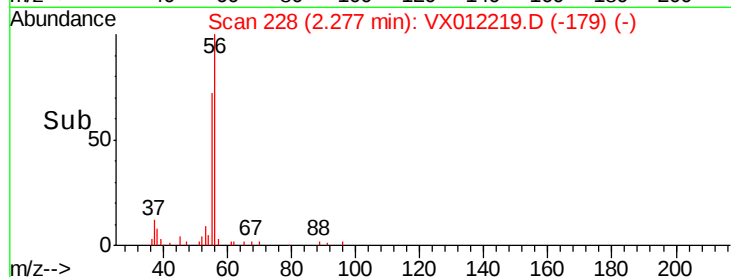
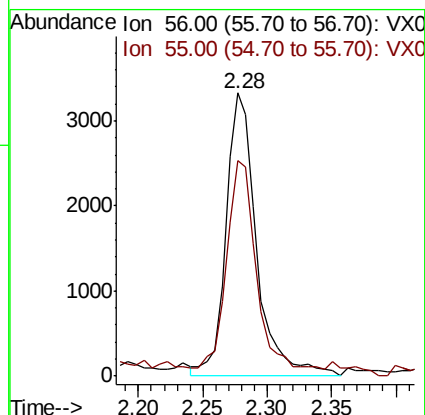
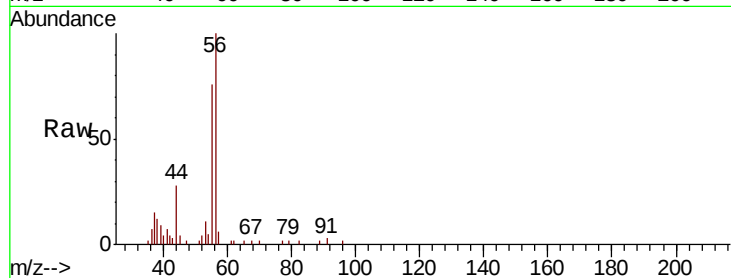
VX0908SBS02

Tgt Ion: 56 Resp: 5555

Ion Ratio Lower Upper

56 100

55 67.8 59.2 88.8



#14

Allyl chloride

Concen: 19.917 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

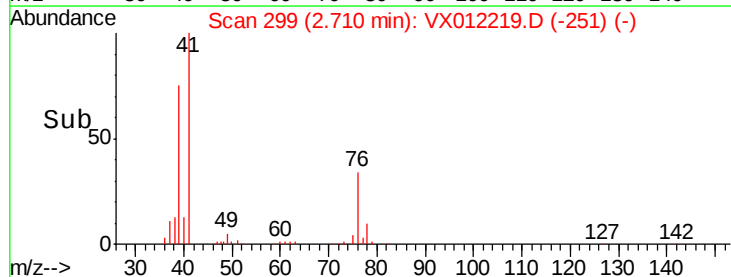
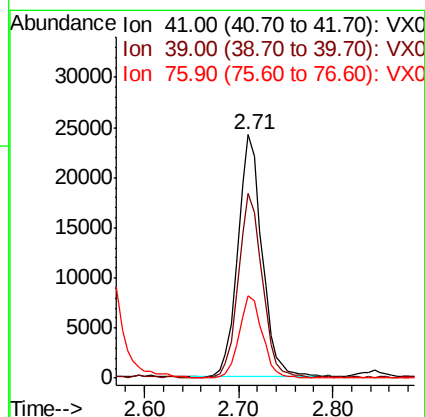
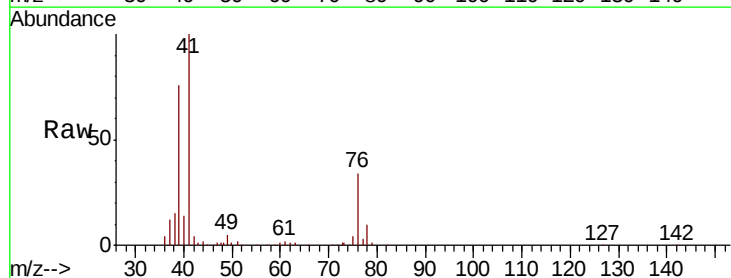
Tgt Ion: 41 Resp: 43163

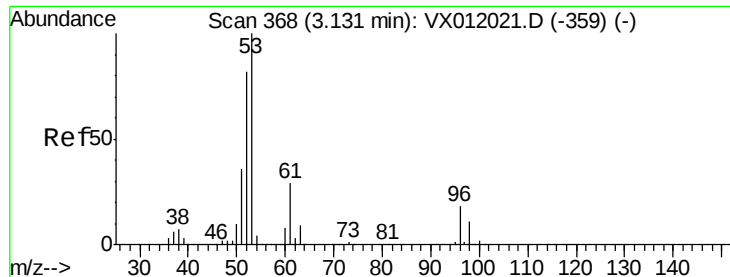
Ion Ratio Lower Upper

41 100

39 76.2 57.9 86.9

76 32.9 28.5 42.7





#15

Acrylonitrile

Concen: 109.996 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

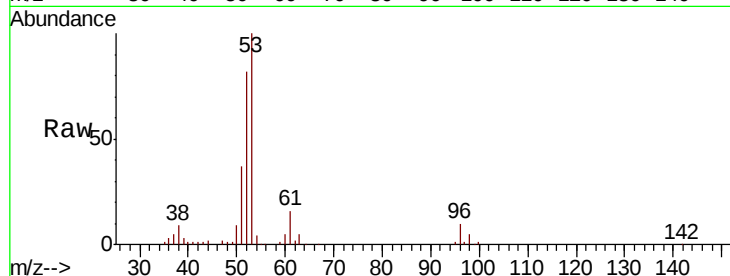
Tgt Ion: 53 Resp: 40094

Ion Ratio Lower Upper

53 100

52 82.8 65.6 98.4

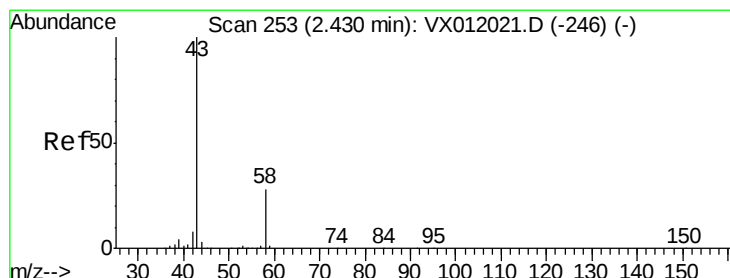
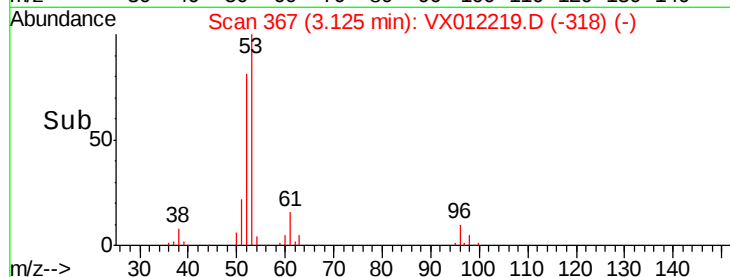
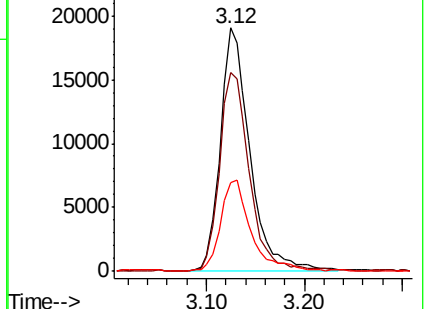
51 38.8 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 110.050 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012219.D

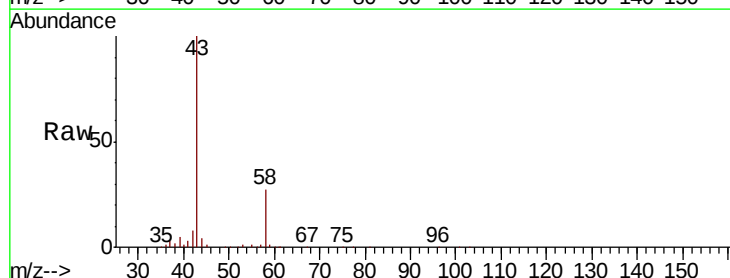
Acq: 08 Sep 2019 13:23

Tgt Ion: 43 Resp: 44145

Ion Ratio Lower Upper

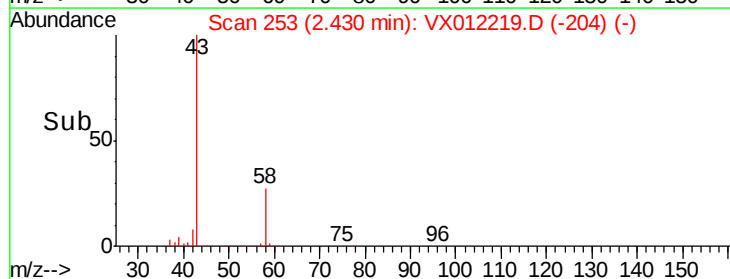
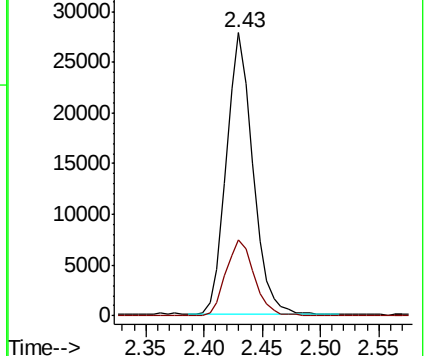
43 100

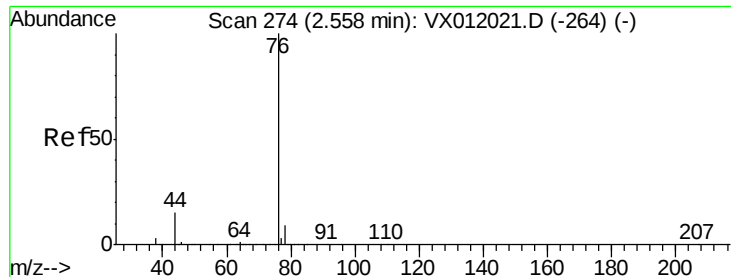
58 27.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

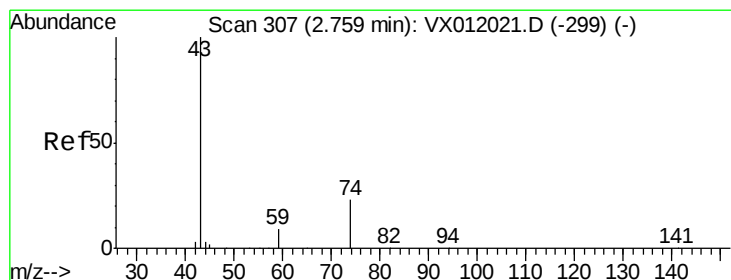
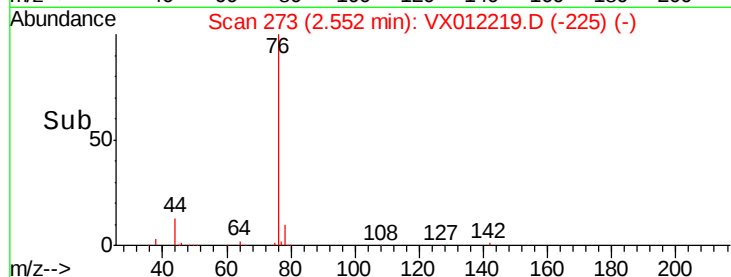
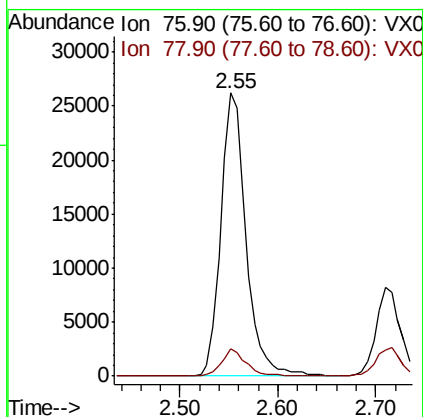
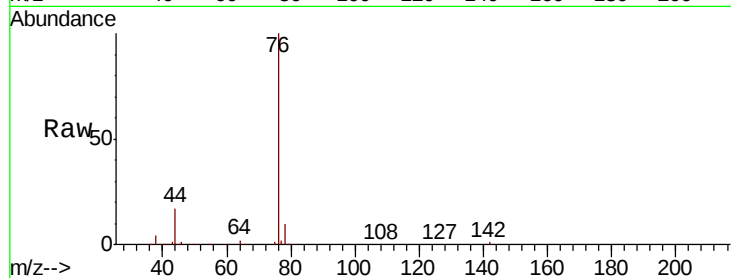




#17
Carbon Disulfide
Concen: 13.368 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

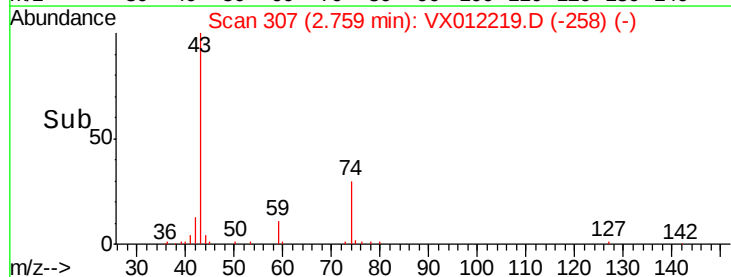
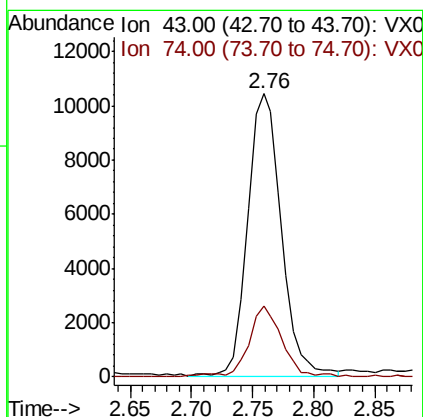
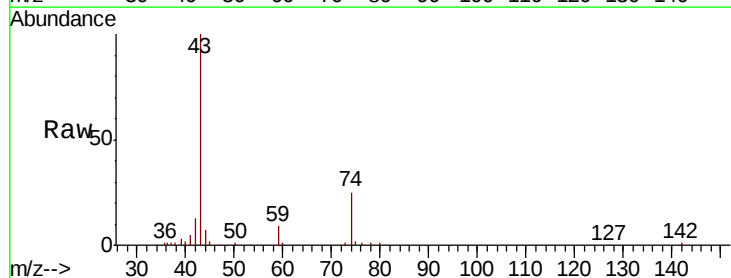
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBSD02

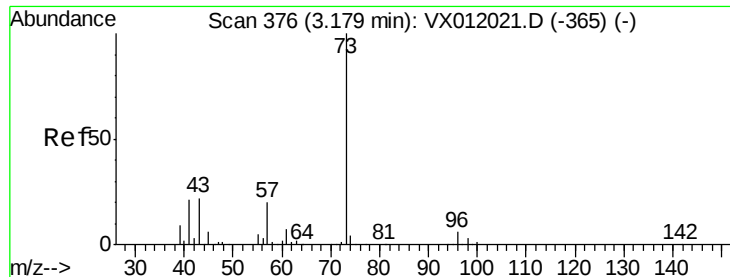
Tgt Ion: 76 Resp: 46792
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 21.330 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 43 Resp: 20156
Ion Ratio Lower Upper
43 100
74 24.8 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 21.336 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

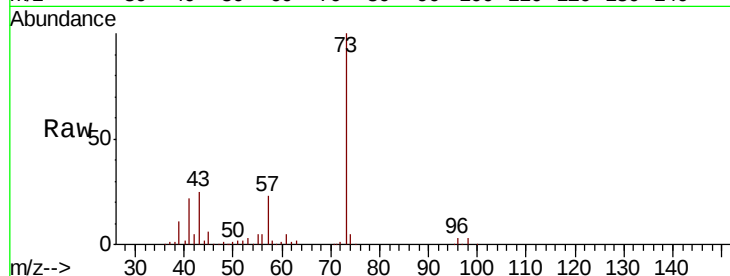
VX0908SBS02

Tgt Ion: 73 Resp: 83192

Ion Ratio Lower Upper

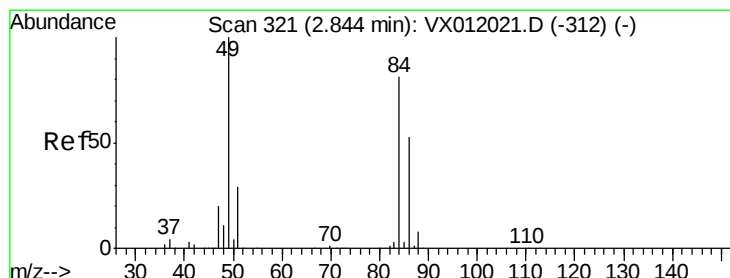
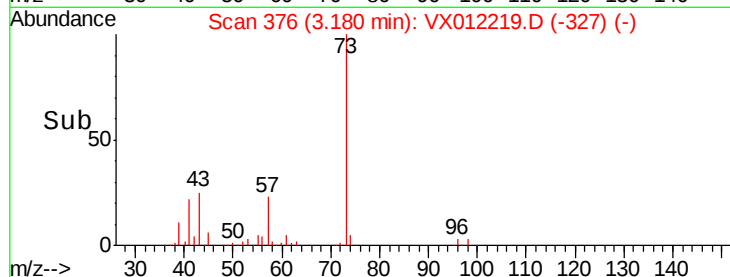
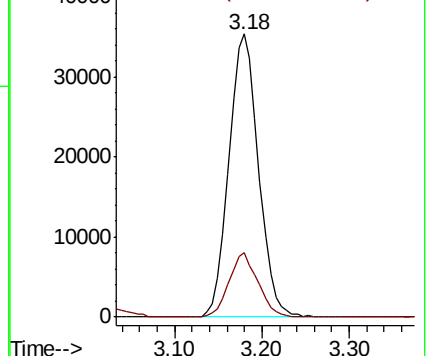
73 100

57 22.7 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.805 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion: 84 Resp: 30291

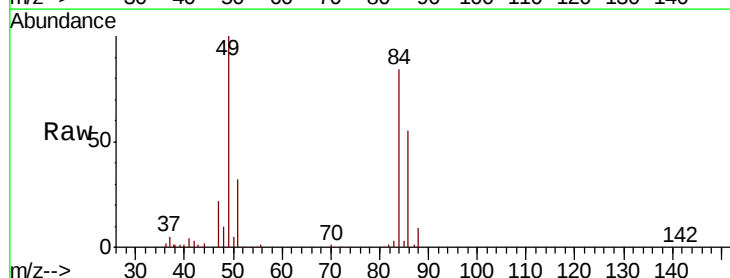
Ion Ratio Lower Upper

84 100

49 118.6 95.8 143.8

51 38.1 28.6 43.0

86 65.1 50.9 76.3

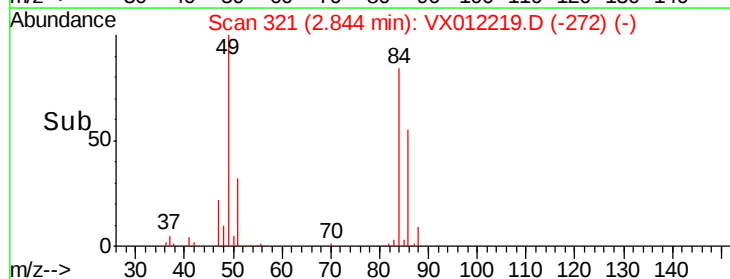
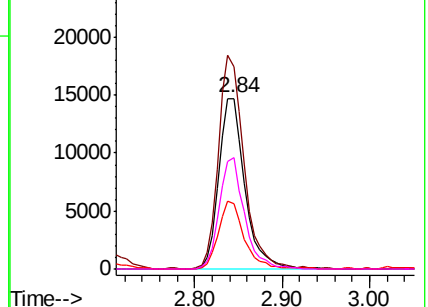


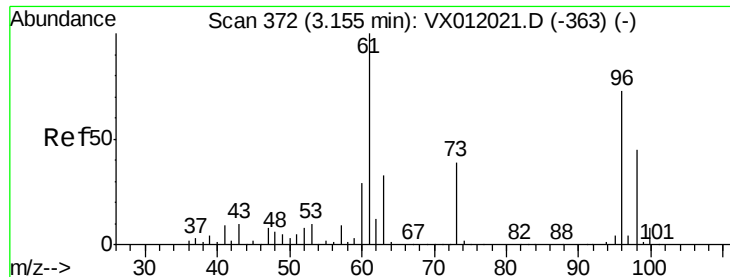
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 17.842 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

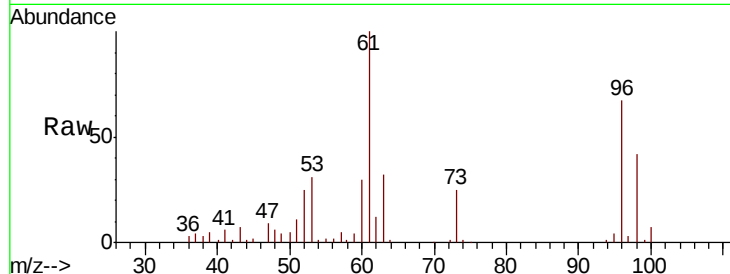
Tgt Ion: 96 Resp: 25076

Ion Ratio Lower Upper

96 100

61 149.2 107.0 160.6

98 62.5 49.8 74.6

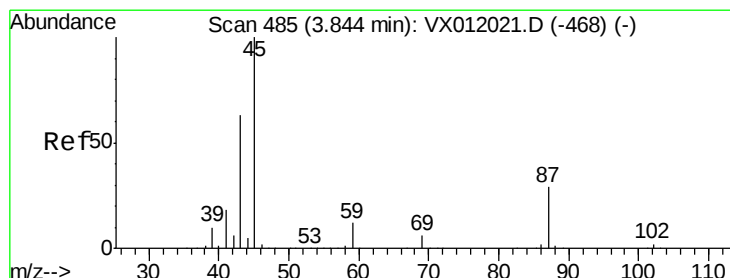
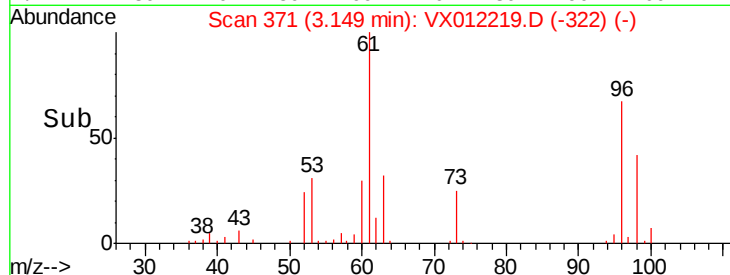
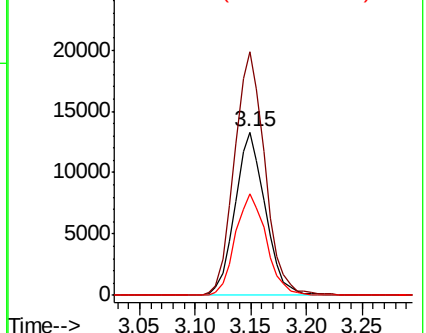


Abundance

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: 21.549 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion: 45 Resp: 95188

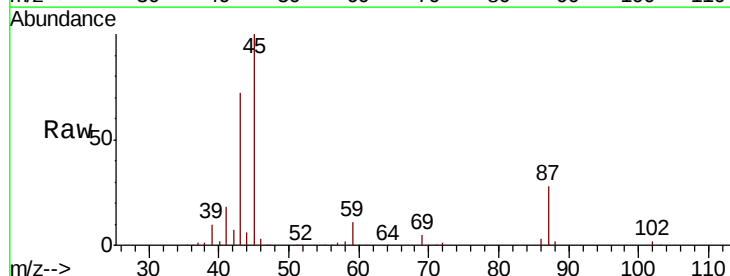
Ion Ratio Lower Upper

45 100

43 71.7 54.2 81.4

87 27.7 23.4 35.0

59 11.1 9.0 13.6



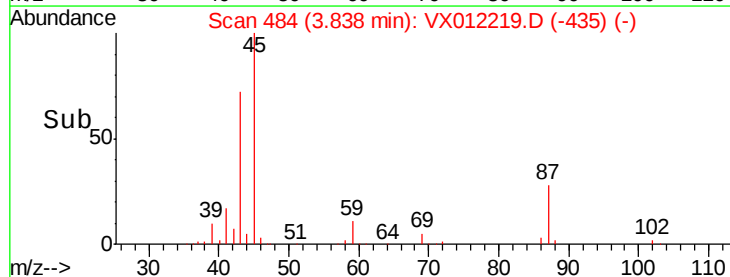
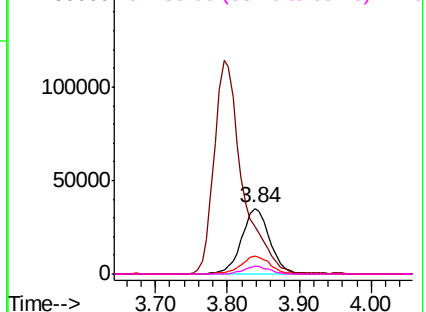
Abundance

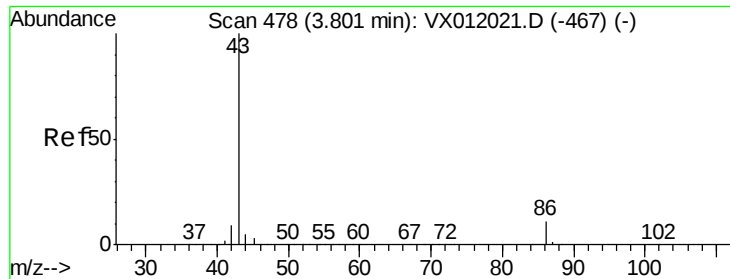
Ion 45.00 (44.70 to 45.70): VX0

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: 108.594 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

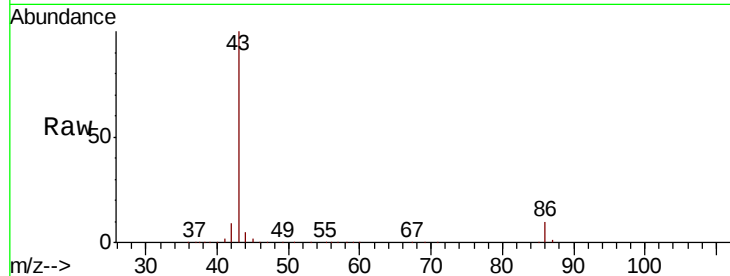
VX0908SBS02

Tgt Ion: 43 Resp: 310301

Ion Ratio Lower Upper

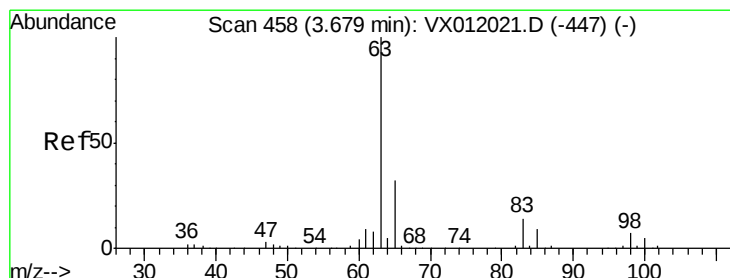
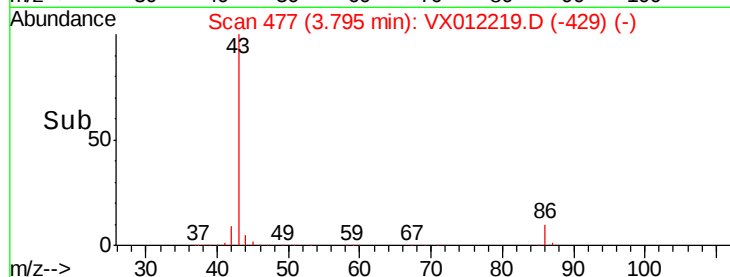
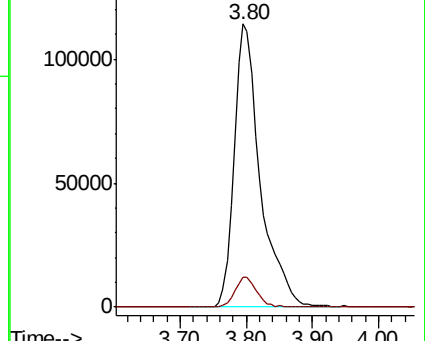
43 100

86 10.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.517 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

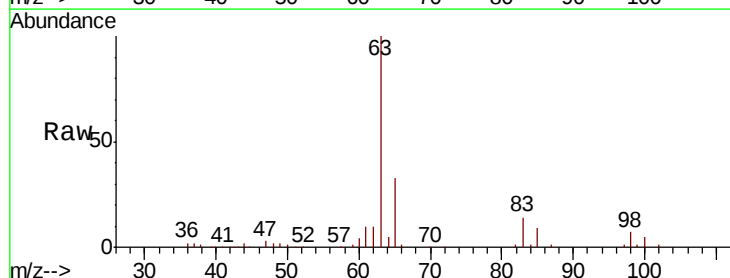
Tgt Ion: 63 Resp: 52563

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

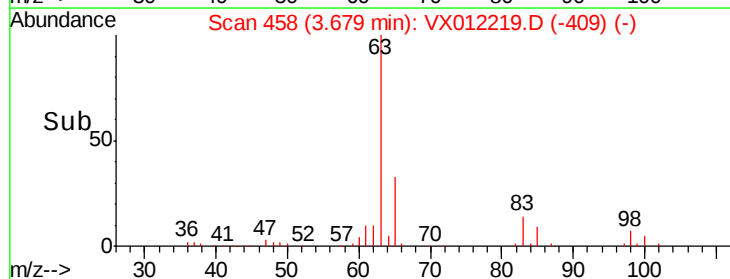
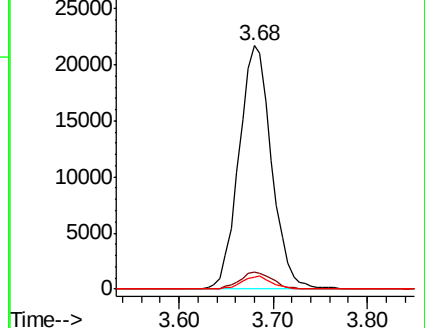
100 4.8 2.5 7.4

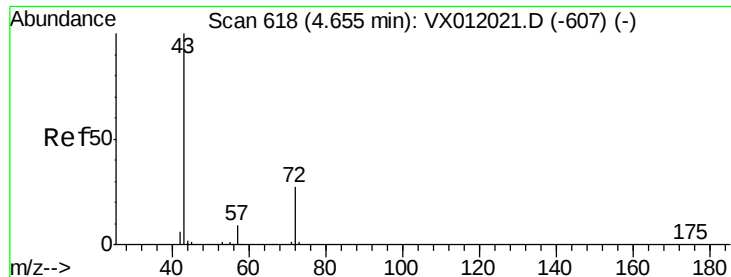


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.076 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

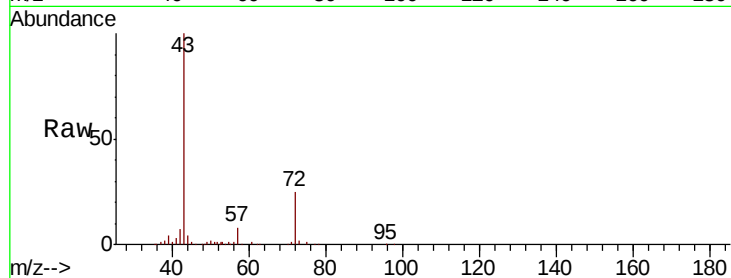
VX0908SBS02

Tgt Ion: 43 Resp: 58249

Ion Ratio Lower Upper

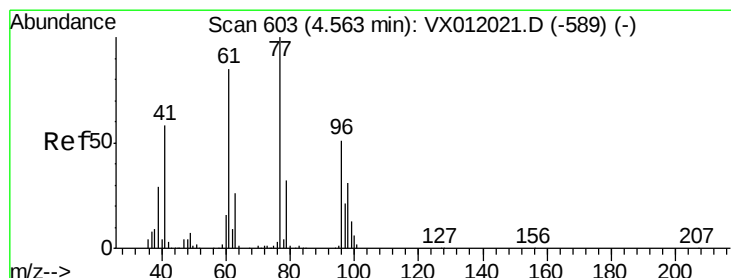
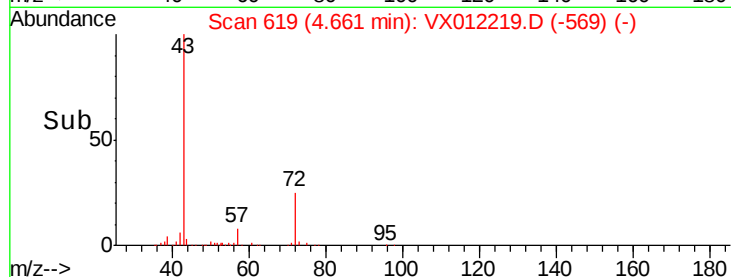
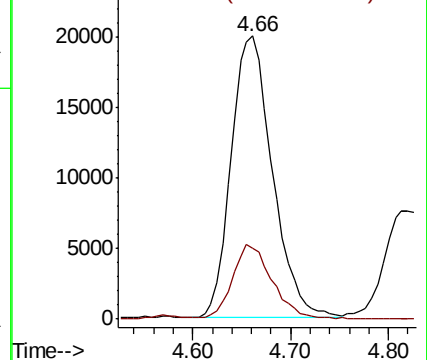
43 100

72 24.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.491 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012219.D

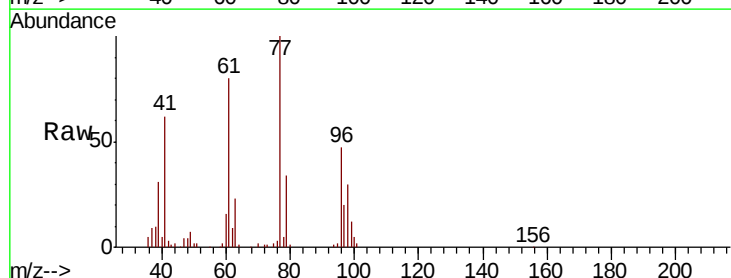
Acq: 08 Sep 2019 13:23

Tgt Ion: 77 Resp: 50832

Ion Ratio Lower Upper

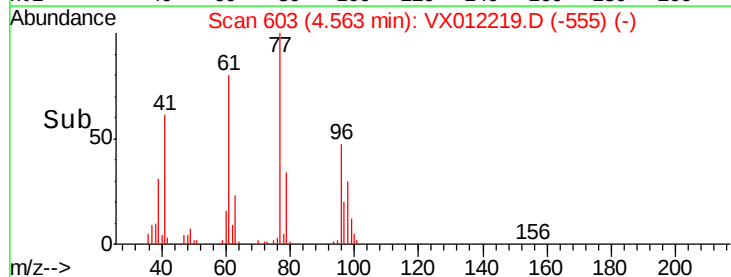
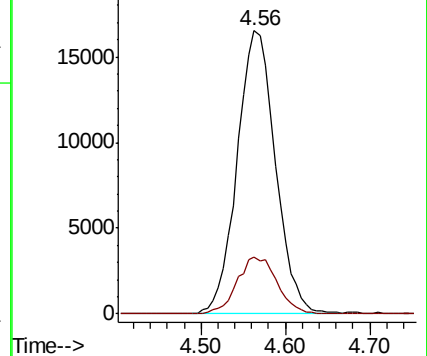
77 100

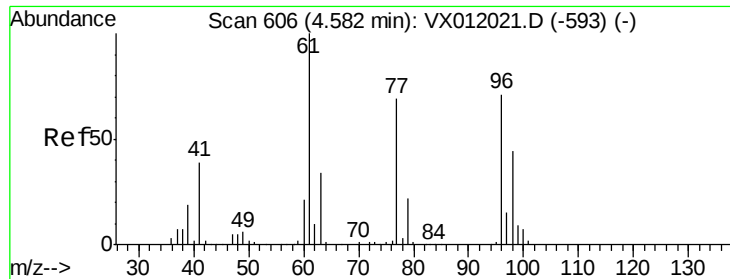
97 20.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



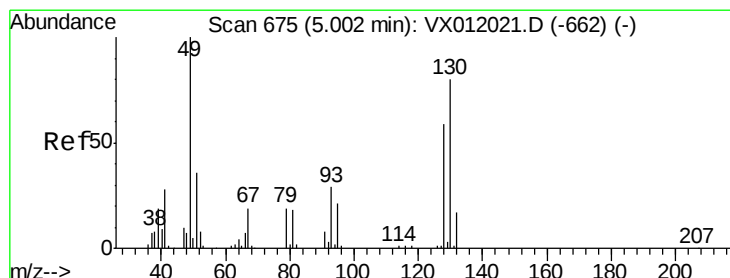
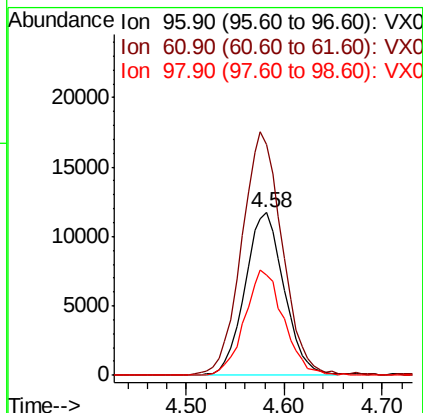
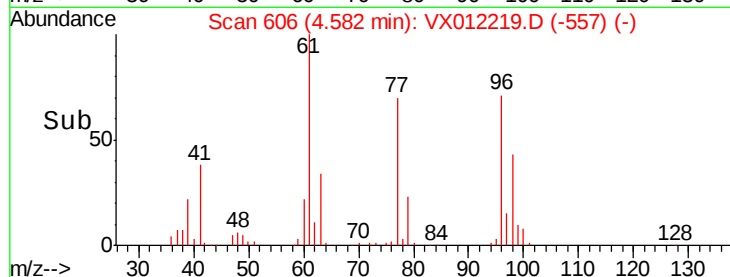
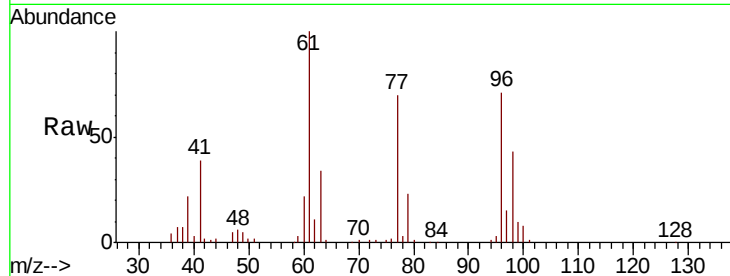


#27

cis-1,2-Dichloroethene
 Concen: 19.750 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

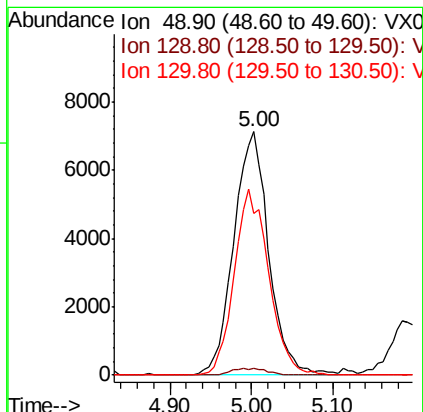
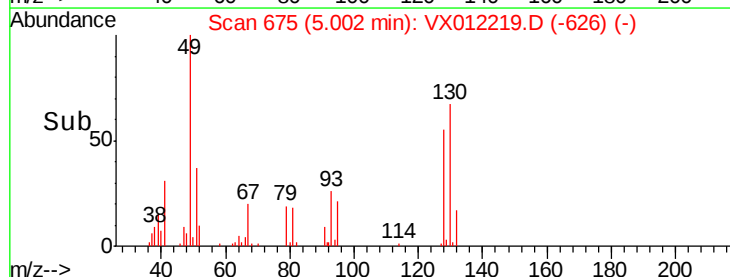
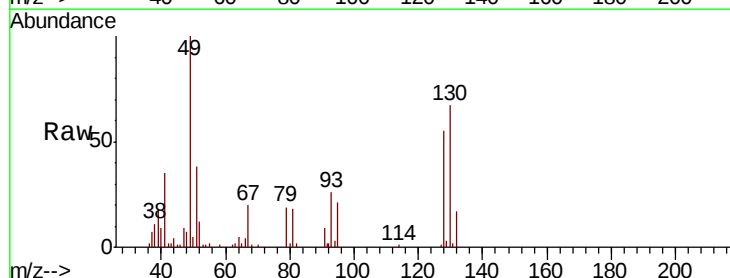
Tgt Ion: 96 Resp: 32537
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 277.0
 98 64.6 0.0 128.4

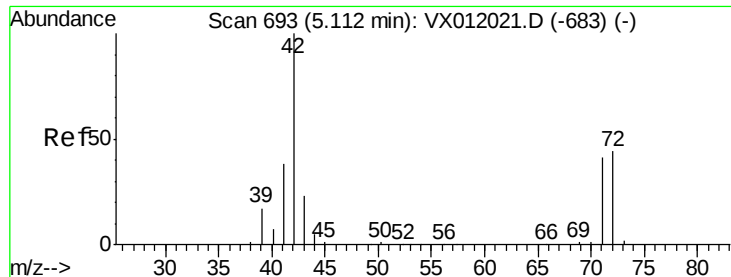


#28

Bromochloromethane
 Concen: 20.757 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 49 Resp: 21227
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 75.3 76.7 115.1#

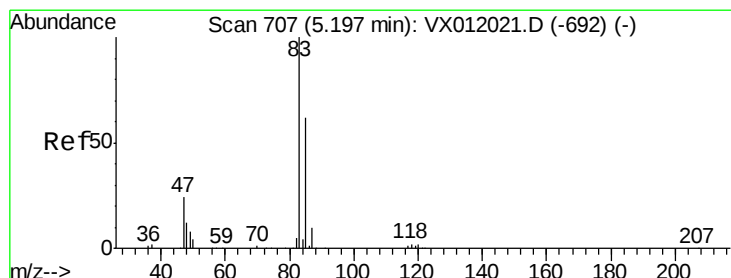
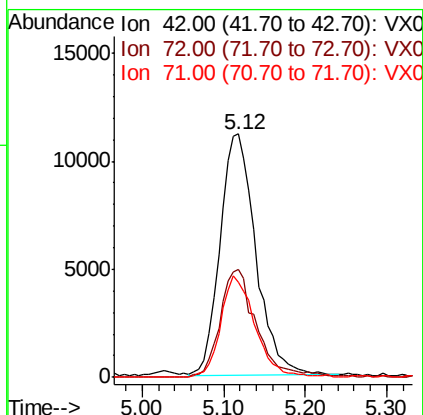
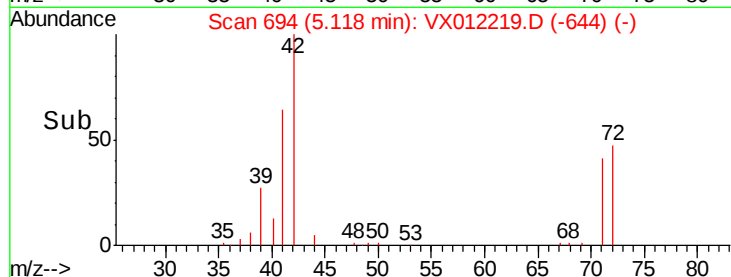
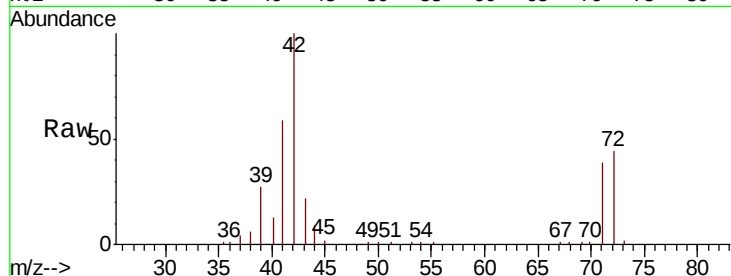




#29
Tetrahydrofuran
Concen: 110.247 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

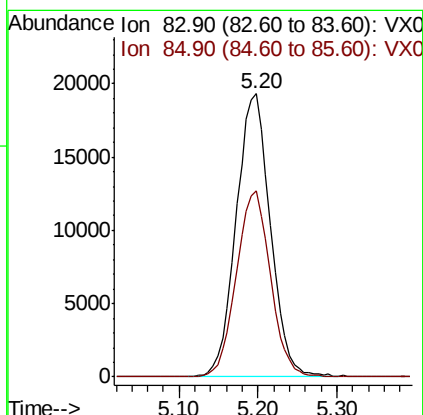
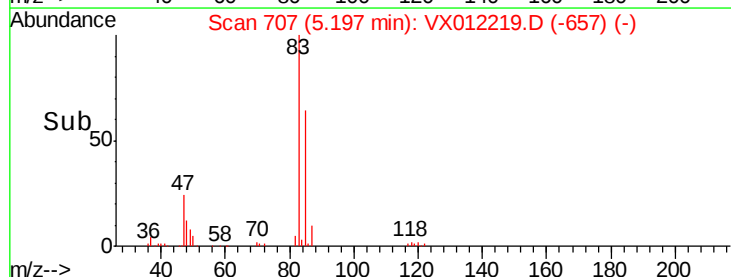
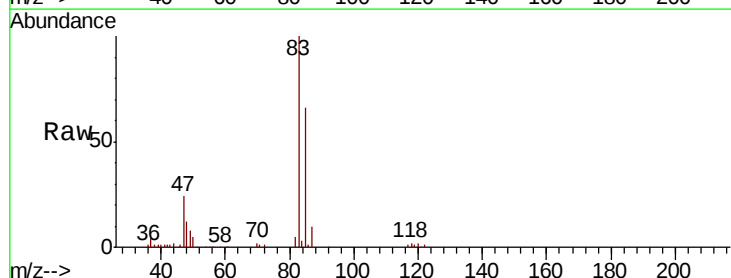
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

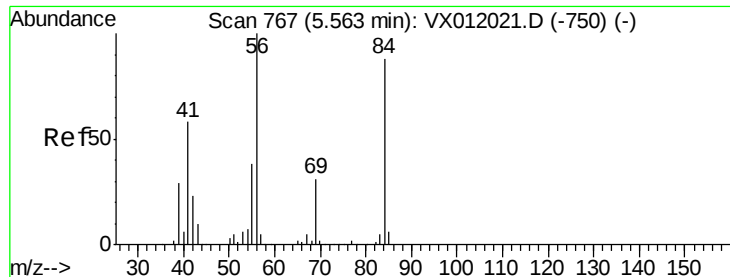
Tgt Ion: 42 Resp: 33917
Ion Ratio Lower Upper
42 100
72 45.9 37.0 55.4
71 40.3 33.8 50.8



#30
Chloroform
Concen: 21.222 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 83 Resp: 58337
Ion Ratio Lower Upper
83 100
85 65.9 52.6 78.8





#31

Cyclohexane

Concen: 18.271 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

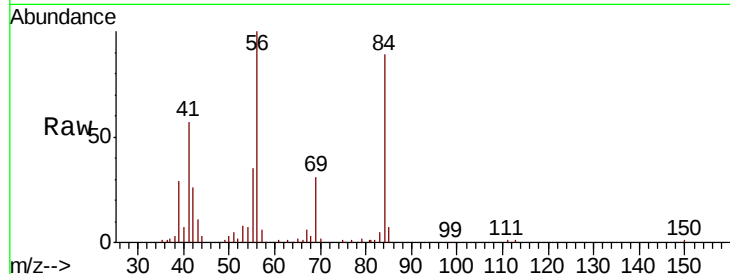
Tgt Ion: 56 Resp: 37592

Ion Ratio Lower Upper

56 100

69 30.6 25.7 38.5

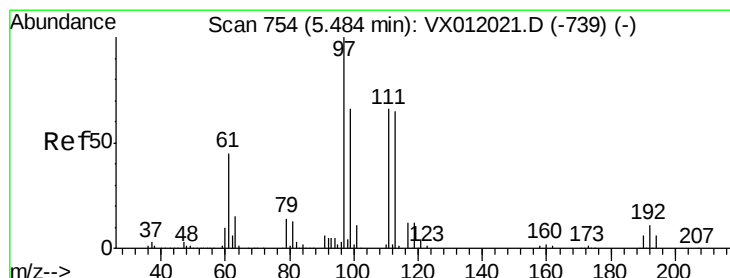
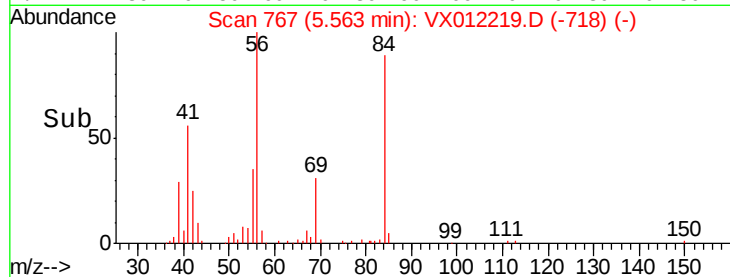
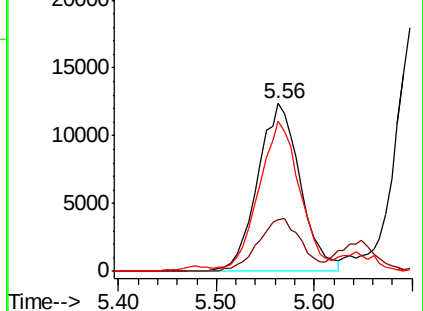
84 87.2 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.967 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

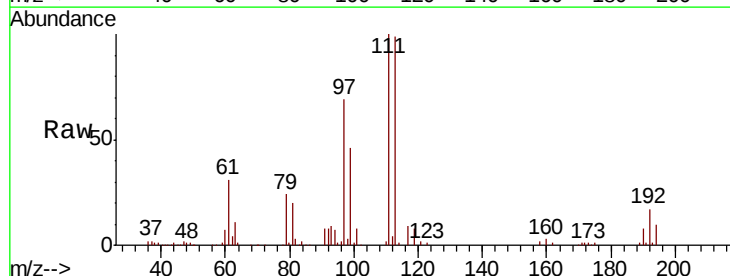
Tgt Ion: 97 Resp: 50199

Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

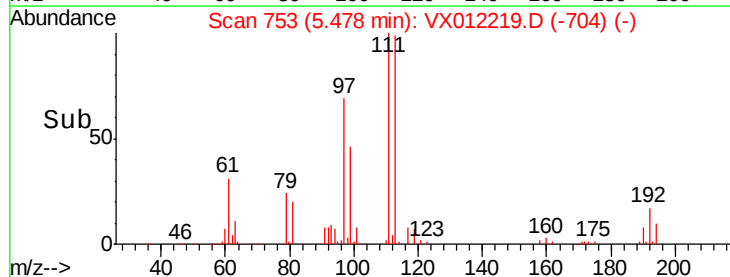
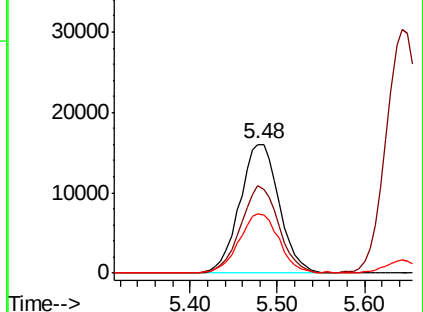
61 46.5 32.8 49.2

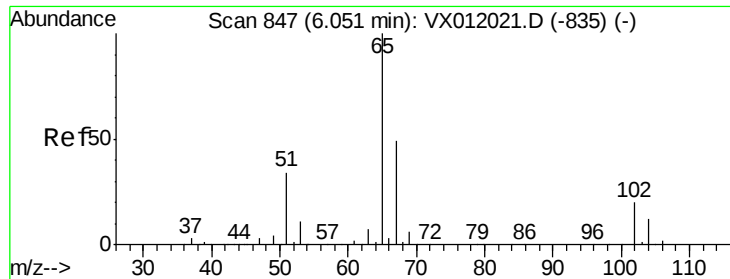


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

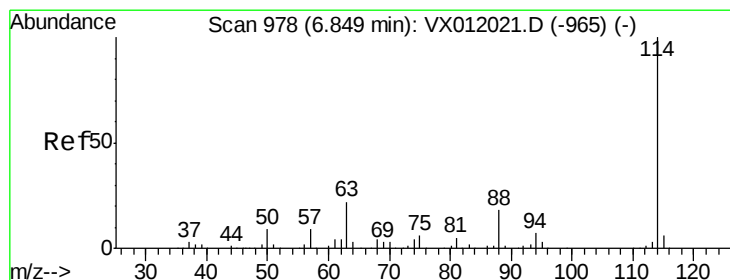
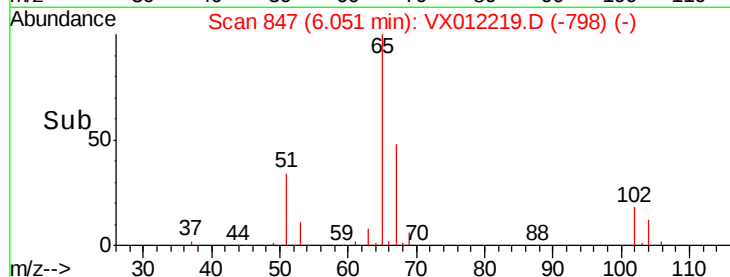
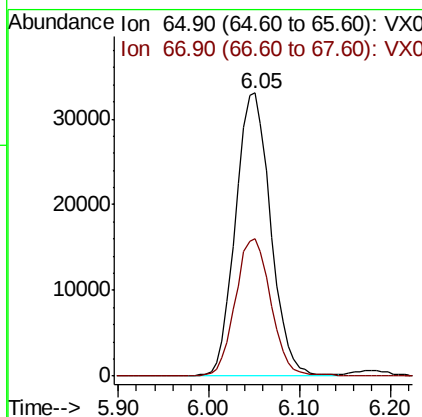
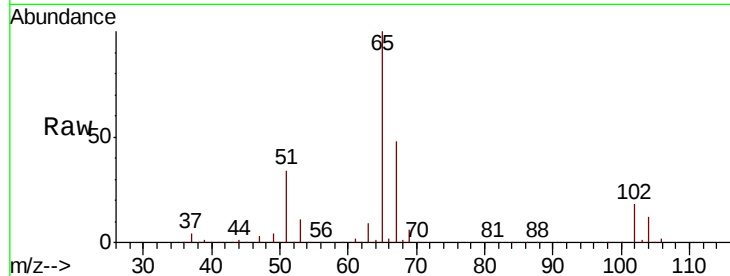




#33
 1,2-Dichloroethane-d4
 Concen: 52.918 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

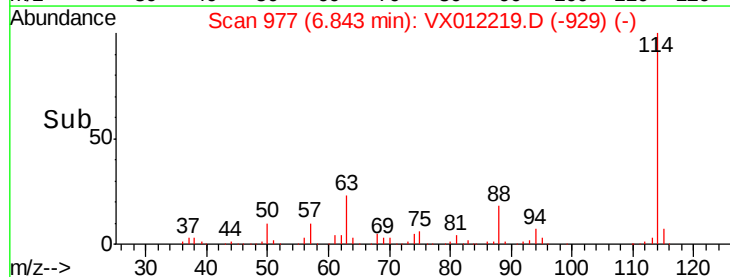
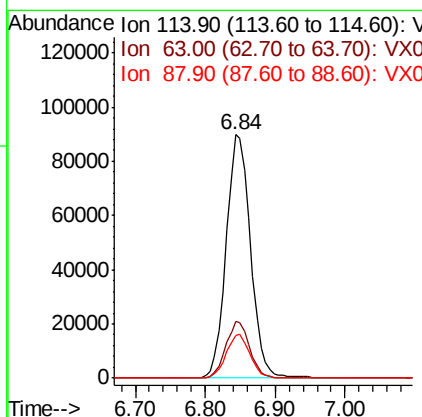
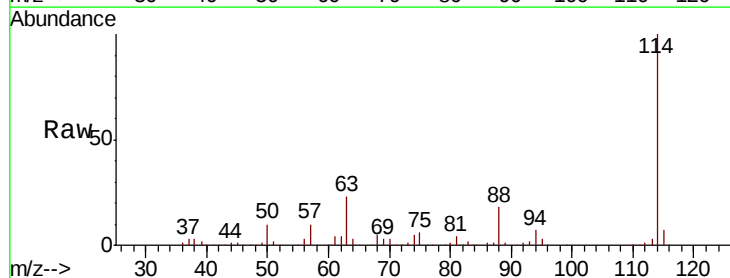
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

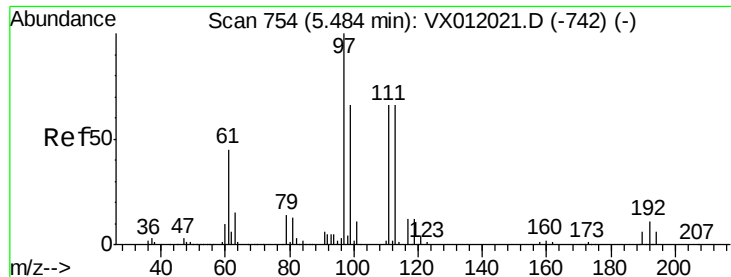
Tgt Ion: 65 Resp: 88809
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 114 Resp: 216673
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.4
 88 17.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.351 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBSD02

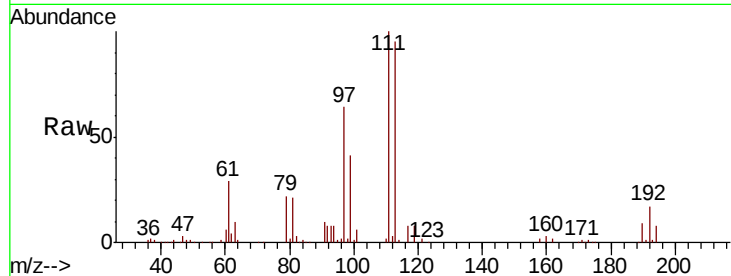
Tgt Ion:113 Resp: 68424

Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

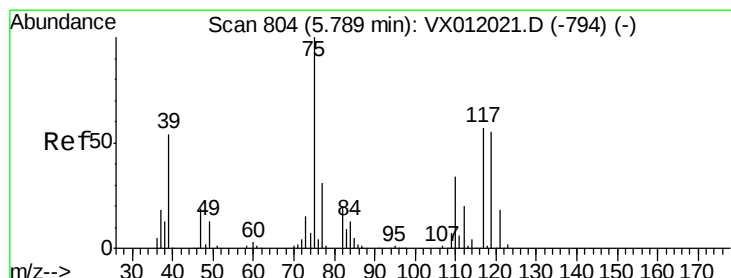
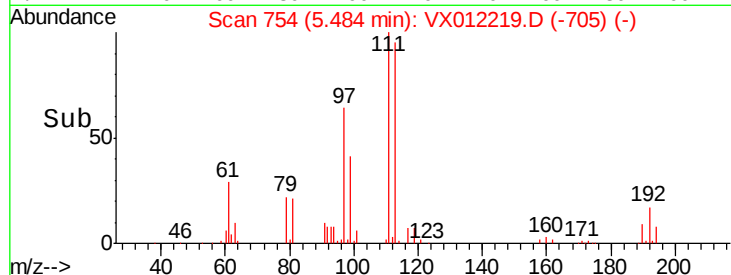
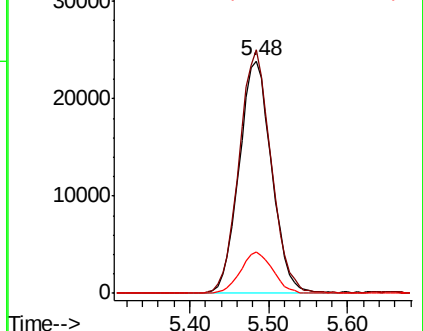
192 17.8 22.5 33.7#



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: 19.612 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

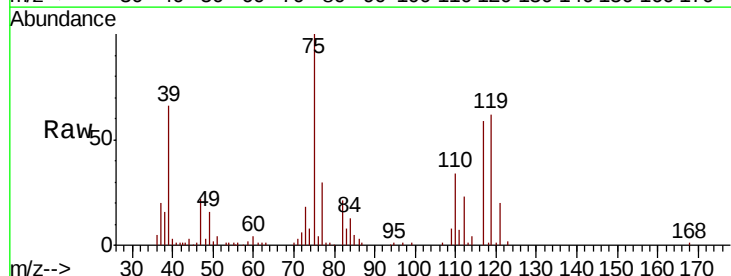
Tgt Ion: 75 Resp: 37426

Ion Ratio Lower Upper

75 100

110 33.7 19.5 58.5

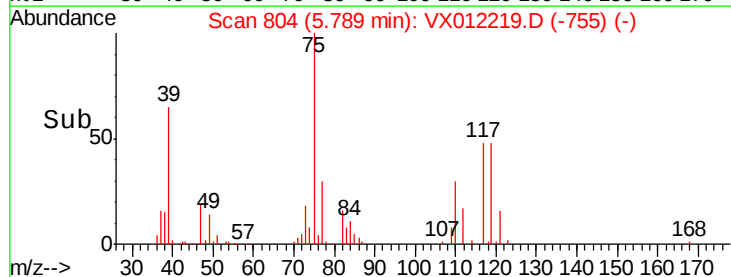
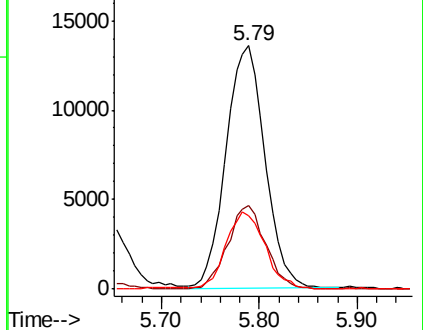
77 32.3 24.6 37.0

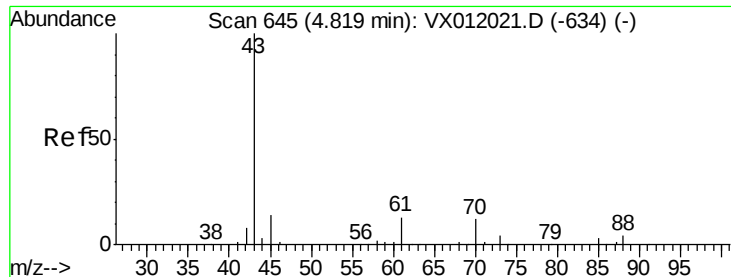


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 23.931 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBSD02

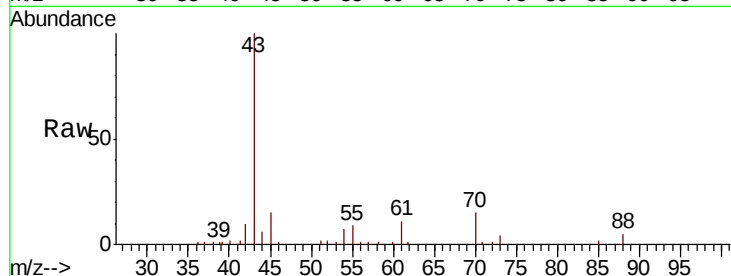
Tgt Ion: 43 Resp: 24834

Ion Ratio Lower Upper

43 100

61 12.6 10.9 16.3

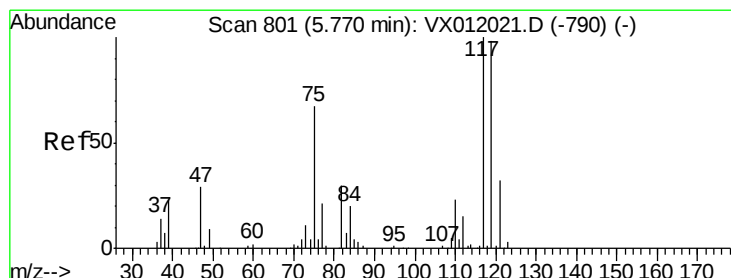
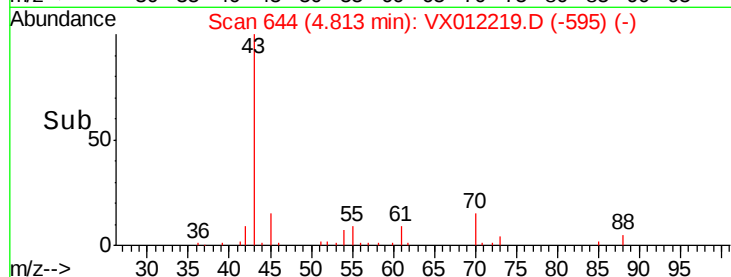
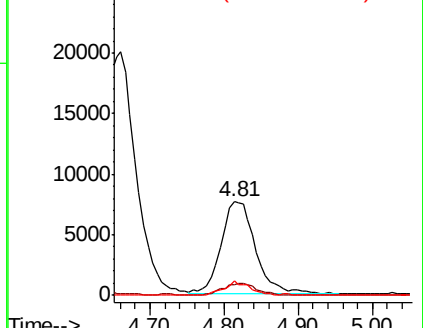
70 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.653 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

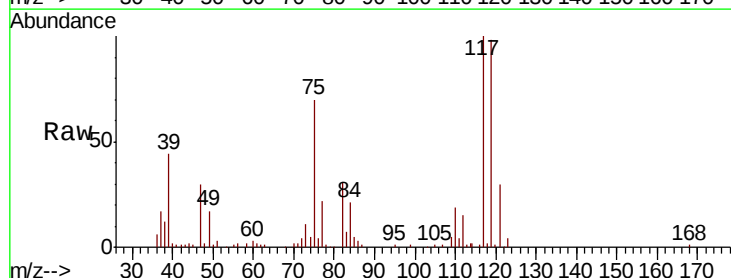
Tgt Ion: 117 Resp: 41530

Ion Ratio Lower Upper

117 100

119 98.1 78.3 117.5

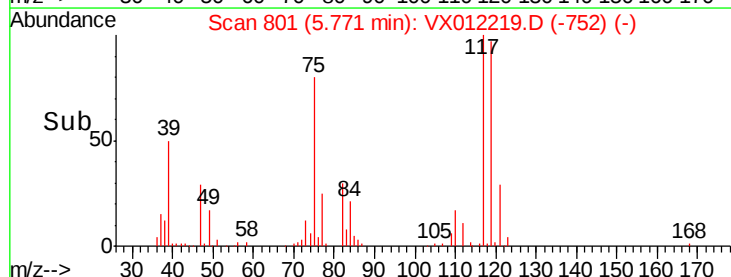
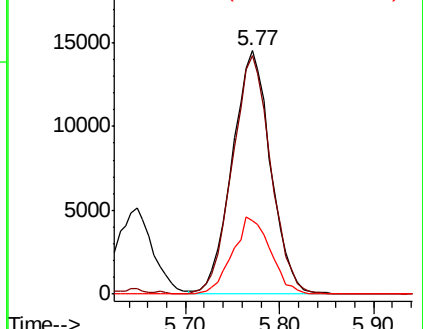
121 30.1 24.2 36.2

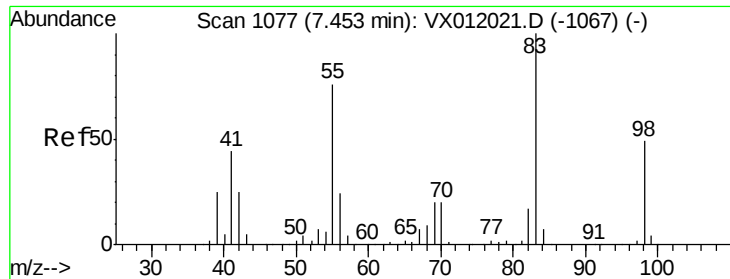


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

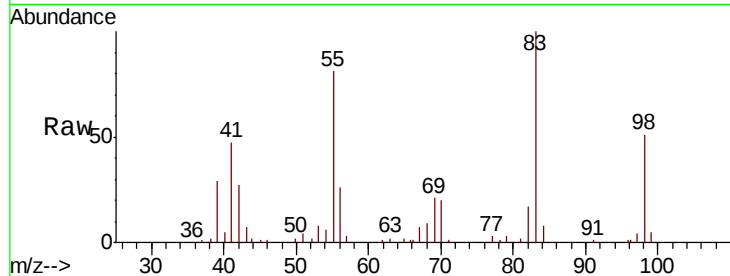




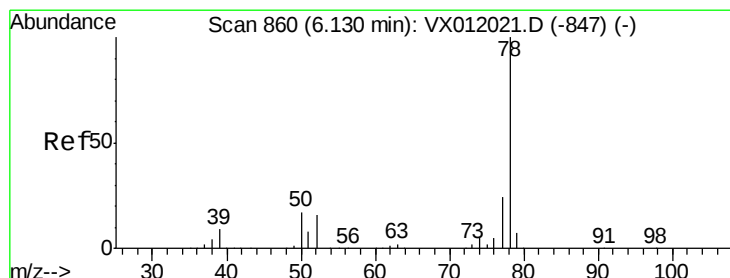
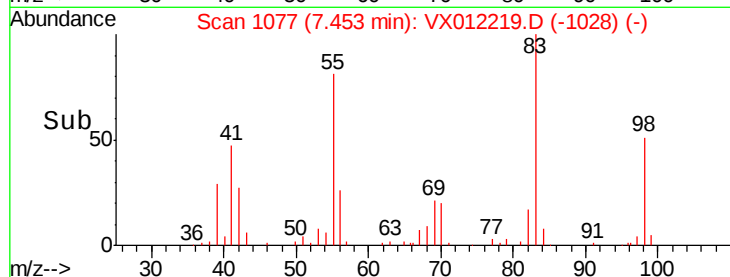
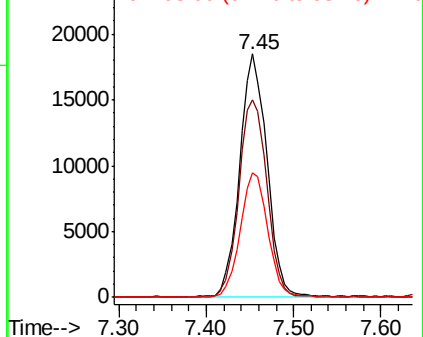
#39
Methylcyclohexane
Concen: 18.193 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.0	59.6	89.4
98	51.0	41.4	62.0

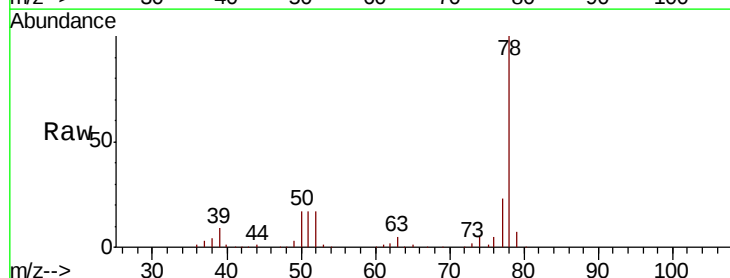


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

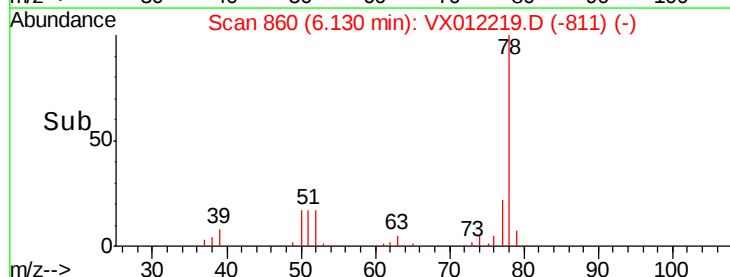
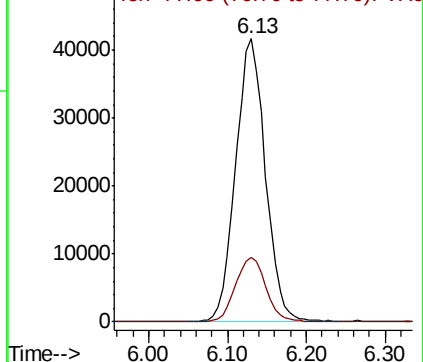


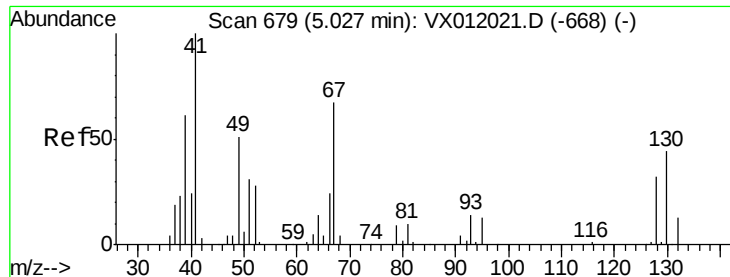
#40
Benzene
Concen: 19.996 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9



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

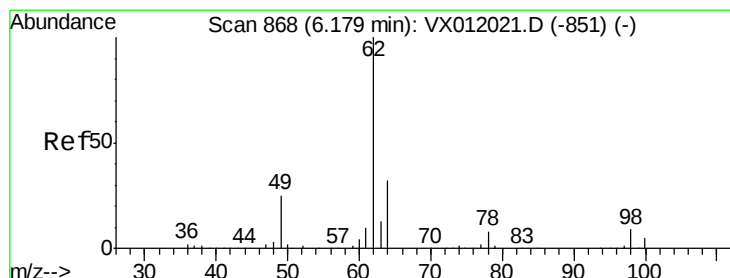
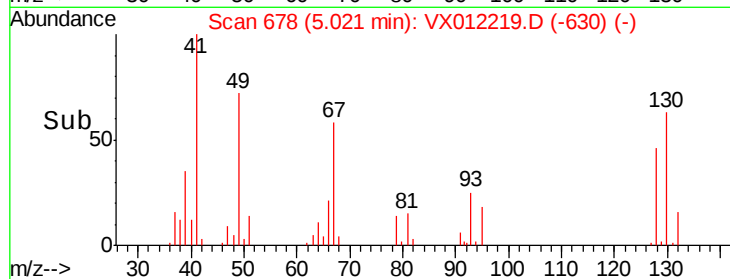
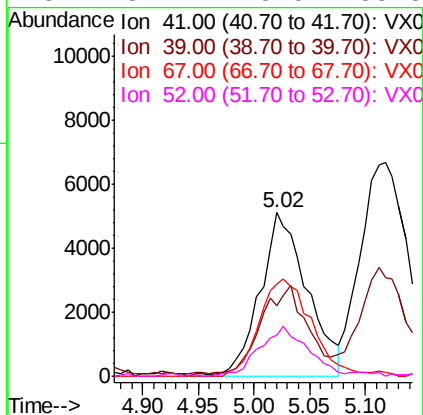
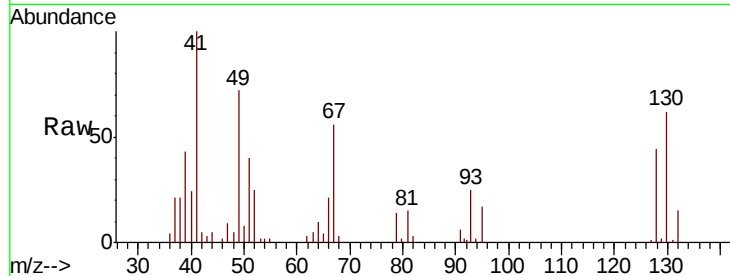




#41
Methacrylonitrile
Concen: 24.397 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

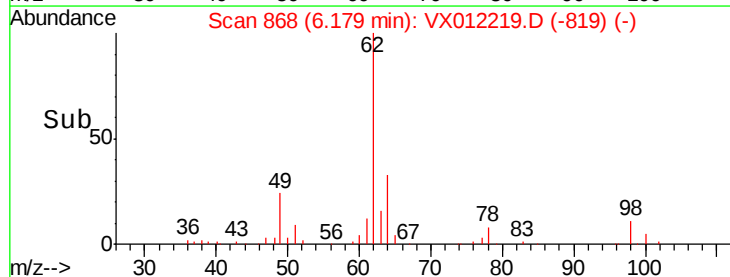
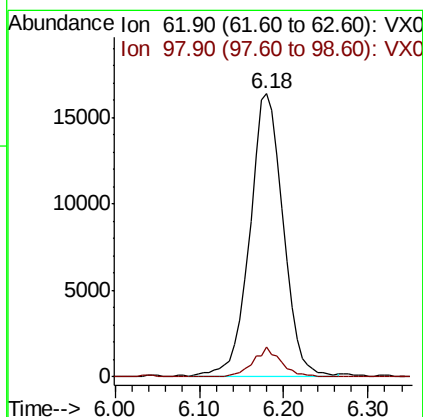
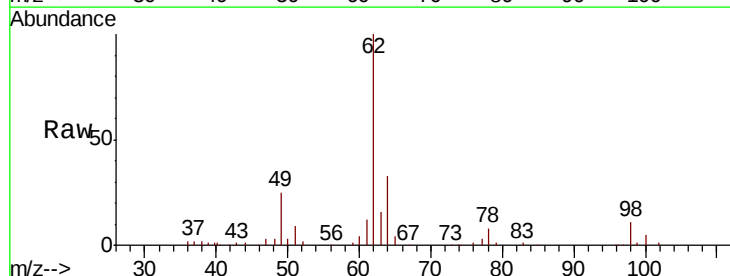
Instrument :
MSVOA_X
ClientSampleID :
VX0908SBSD02

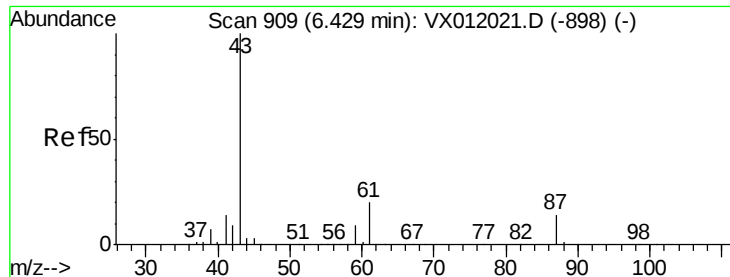
Tgt Ion:	41	Resp:	15098
Ion	Ratio	Lower	Upper
41	100		
39	52.5	46.7	70.1
67	65.7	57.0	85.6
52	31.1	23.5	35.3



#42
1,2-Dichloroethane
Concen: 22.736 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:	62	Resp:	44825
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 23.514 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBSD02

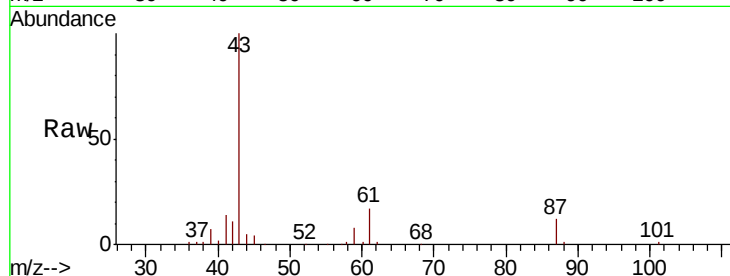
Tgt Ion: 43 Resp: 49616

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

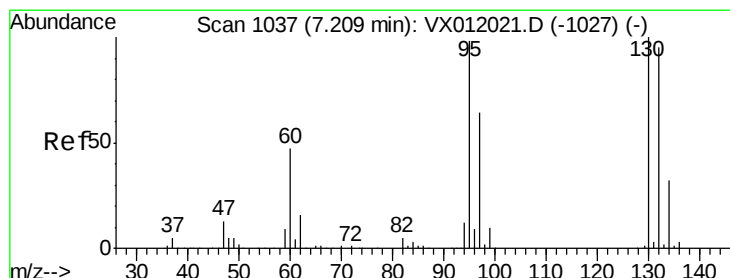
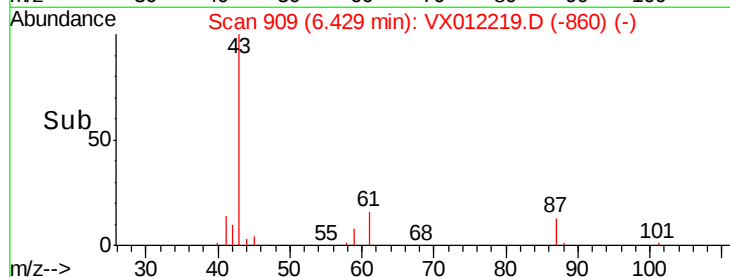
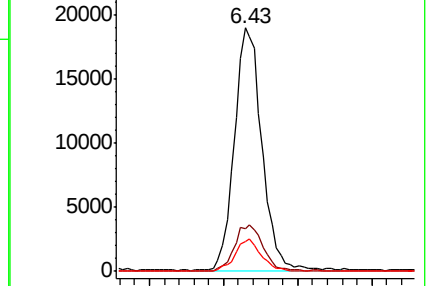
87 12.4 11.3 16.9



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: 20.271 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012219.D

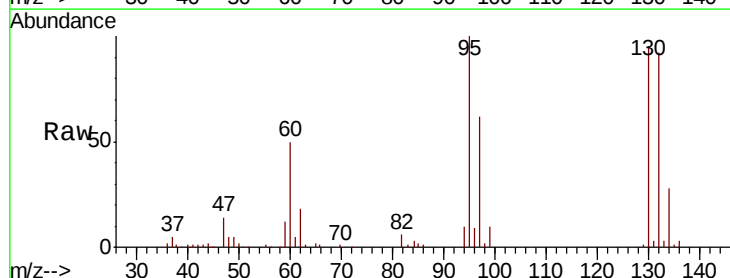
Acq: 08 Sep 2019 13:23

Tgt Ion: 130 Resp: 29954

Ion Ratio Lower Upper

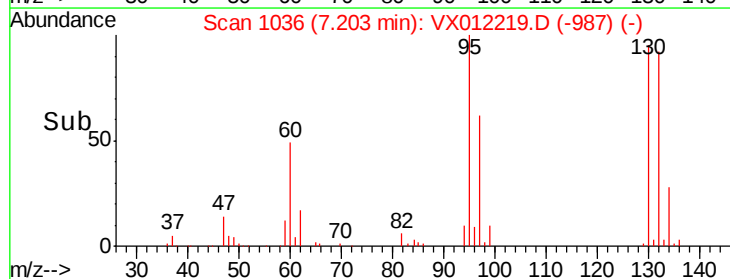
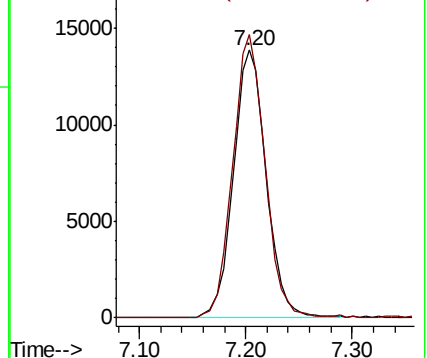
130 100

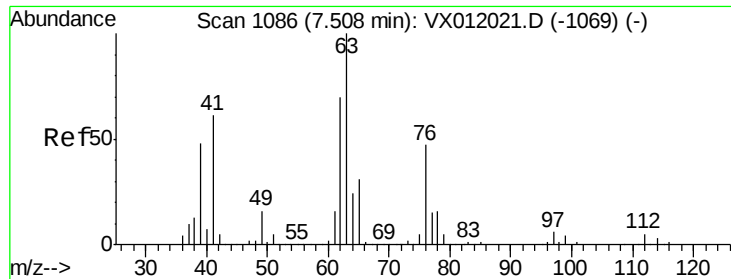
95 105.7 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

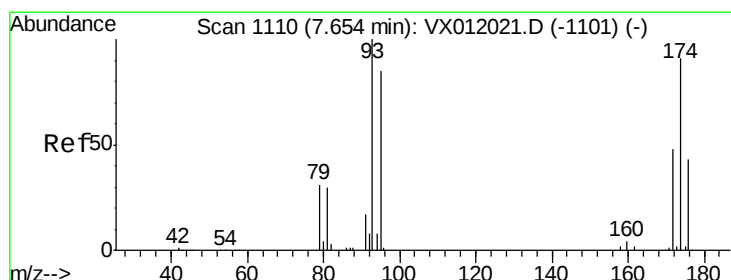
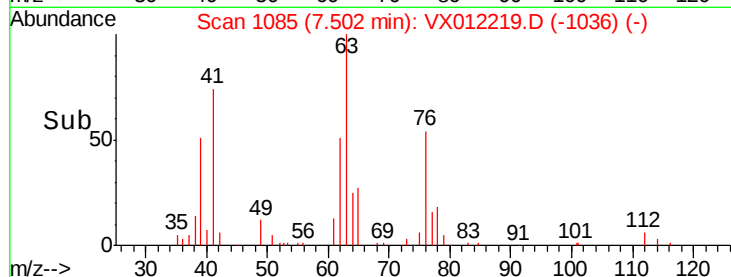
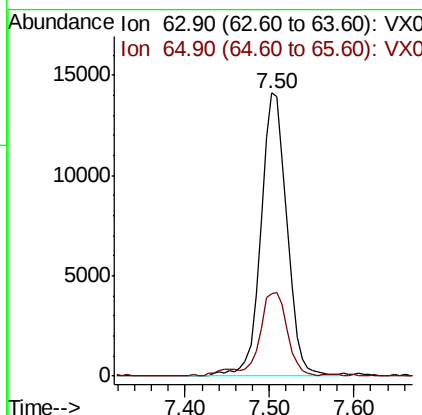
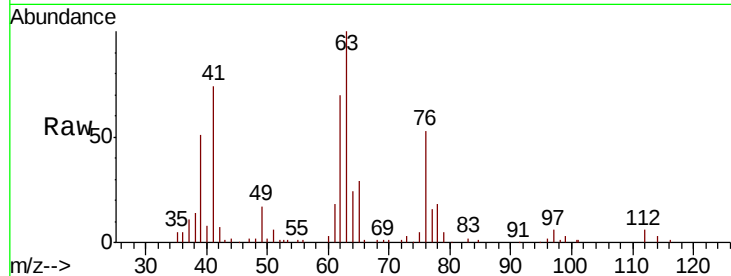




#45
 1,2-Dichloropropane
 Concen: 21.375 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

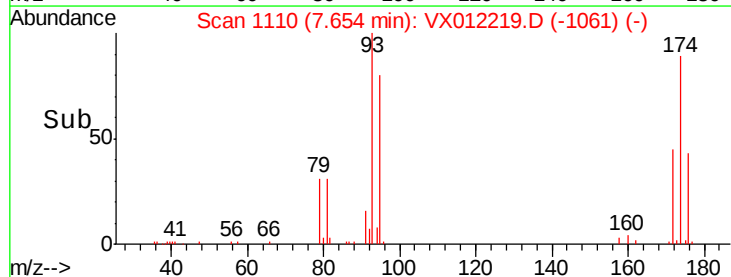
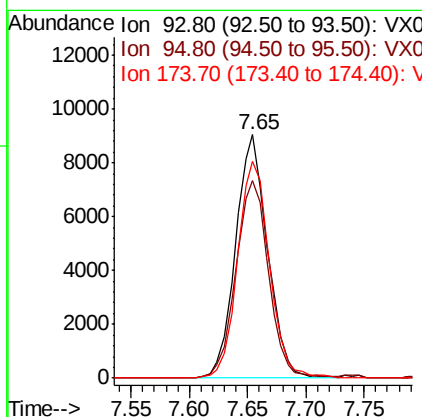
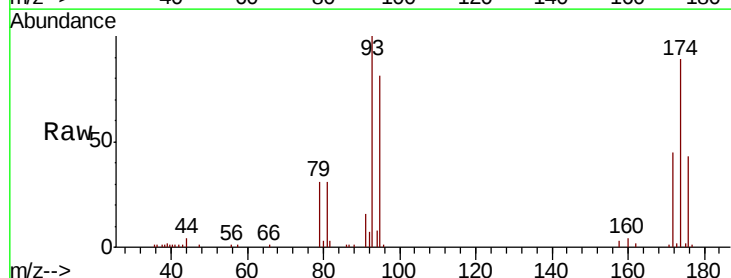
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

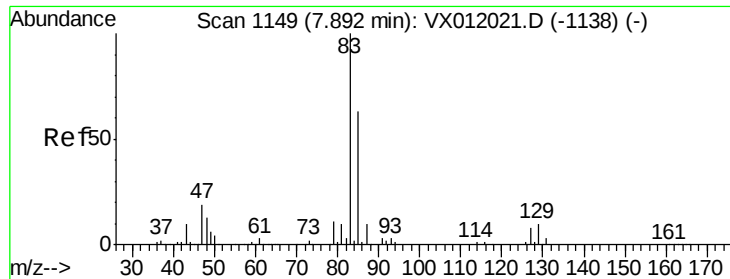
Tgt Ion: 63 Resp: 30255
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.0 37.6



#46
 Dibromomethane
 Concen: 20.973 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 93 Resp: 17330
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.2
 174 88.9 110.2 165.4#





#47

Bromodichloromethane

Concen: 21.458 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

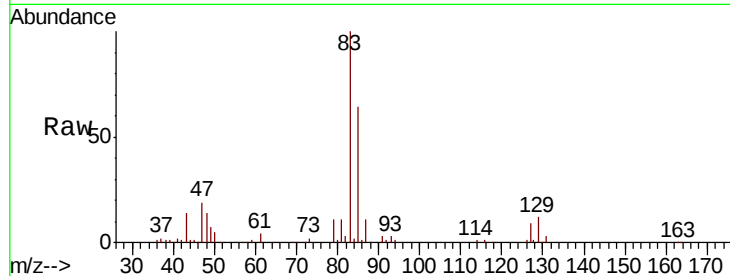
Tgt Ion: 83 Resp: 45069

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

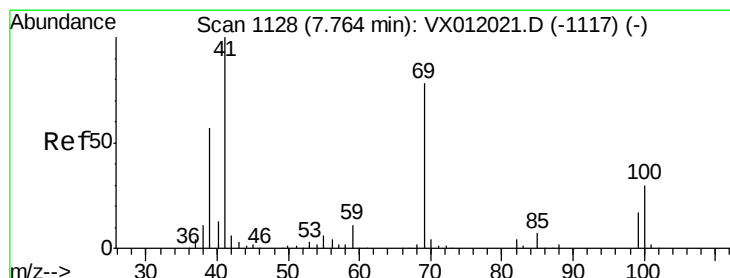
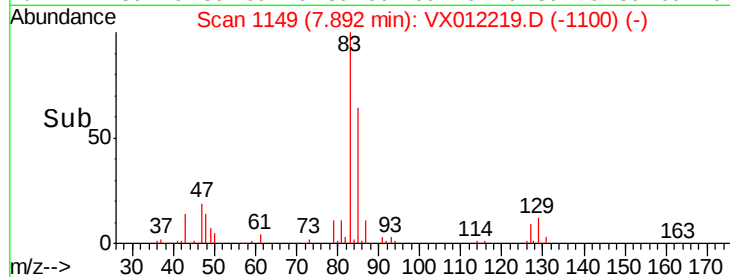
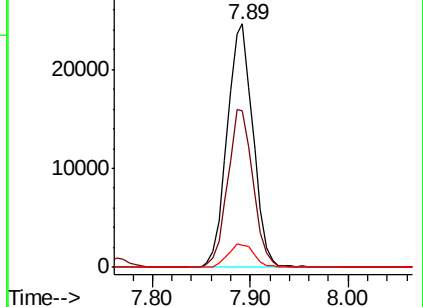
127 9.0 8.1 12.1



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: 23.009 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

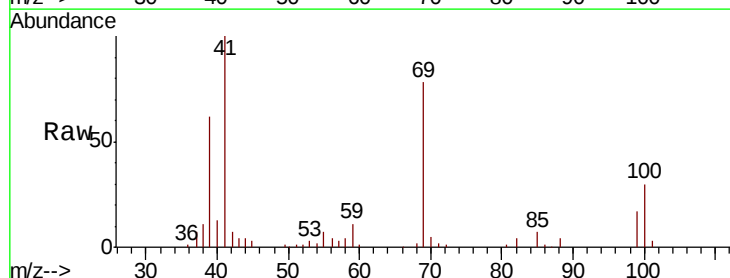
Tgt Ion: 41 Resp: 24412

Ion Ratio Lower Upper

41 100

69 75.9 66.3 99.5

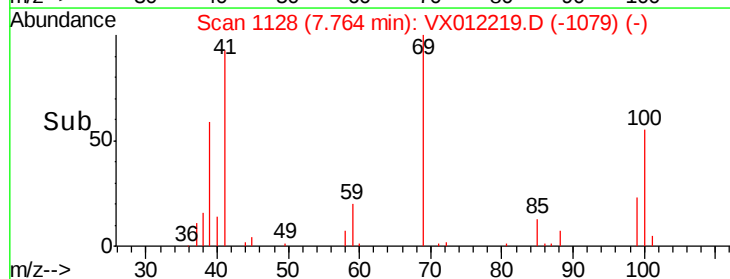
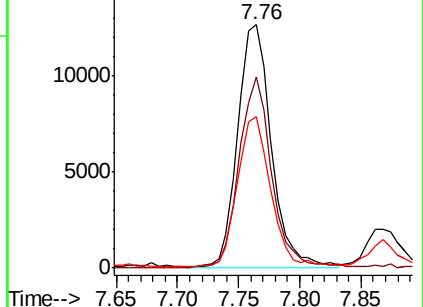
39 59.6 48.1 72.1

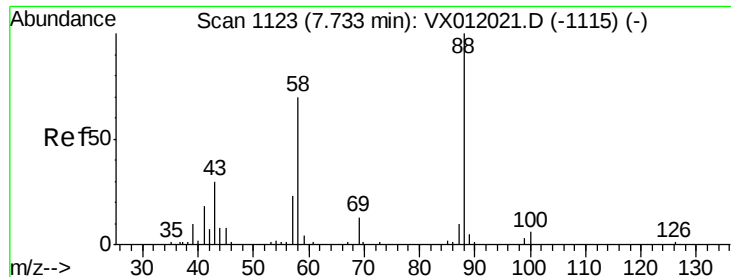


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

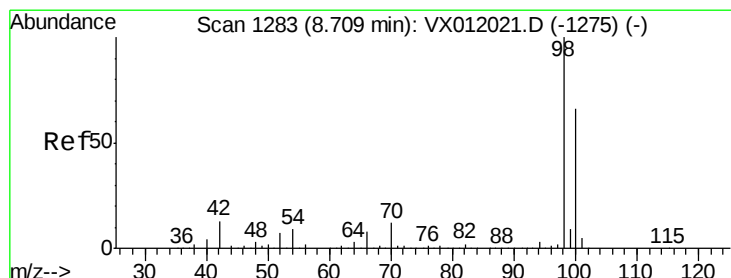
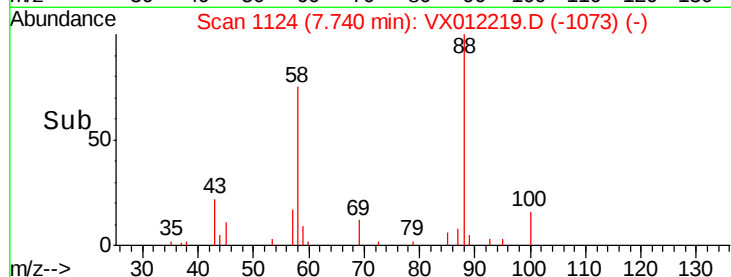
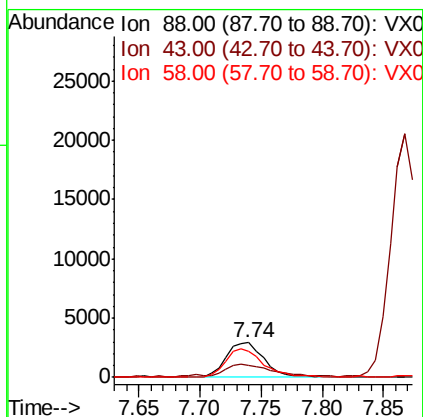
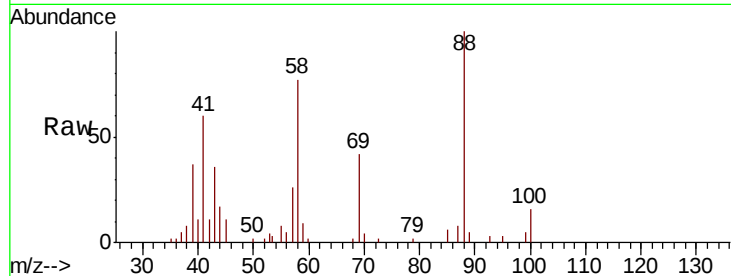




#49
1,4-Dioxane
Concen: 436.696 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

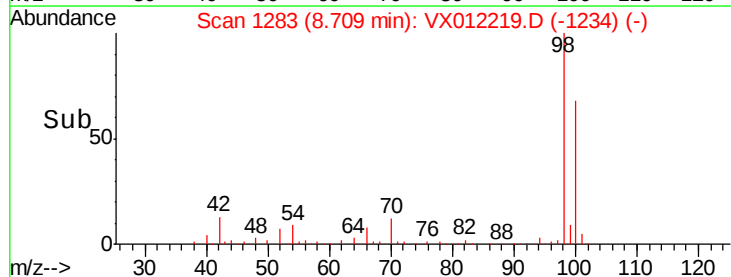
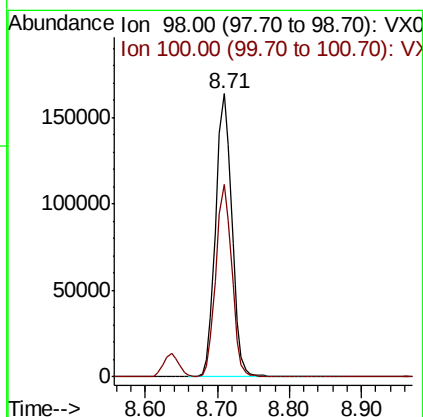
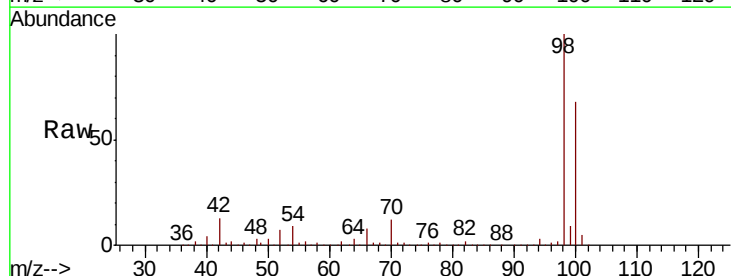
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion: 88 Resp: 6316
Ion Ratio Lower Upper
88 100
43 51.7 29.8 44.6#
58 81.4 55.4 83.2



#50
Toluene-d8
Concen: 52.412 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 98 Resp: 256273
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 124.957 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

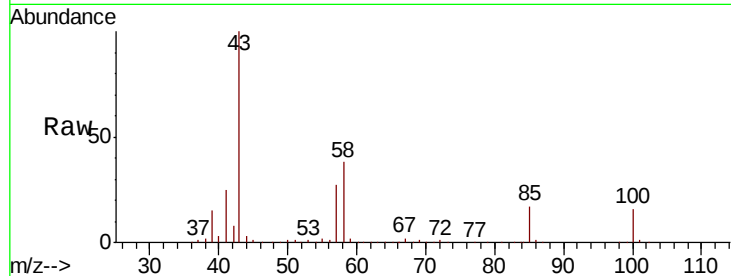
VX0908SBS02

Tgt Ion: 43 Resp: 134112

Ion Ratio Lower Upper

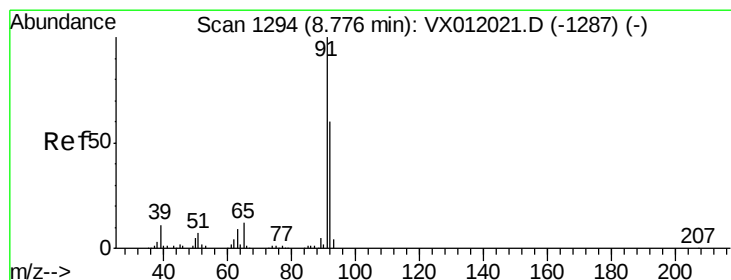
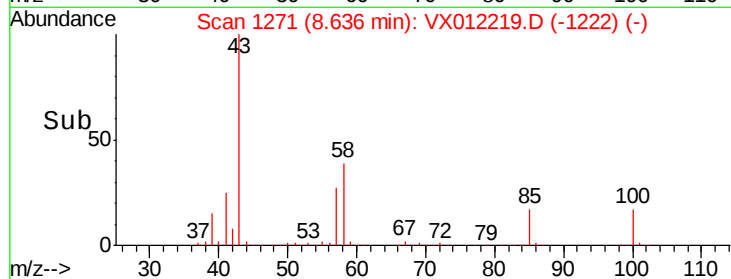
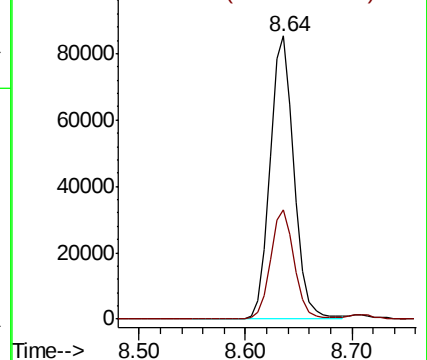
43 100

58 38.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.187 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012219.D

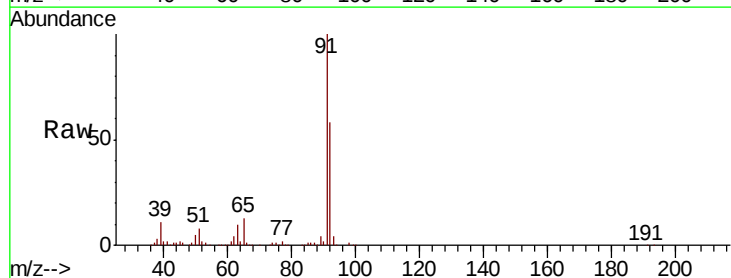
Acq: 08 Sep 2019 13:23

Tgt Ion: 92 Resp: 71957

Ion Ratio Lower Upper

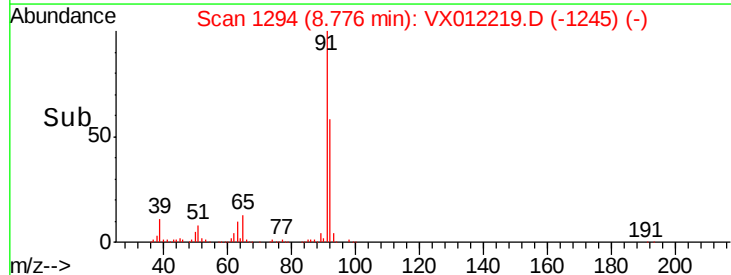
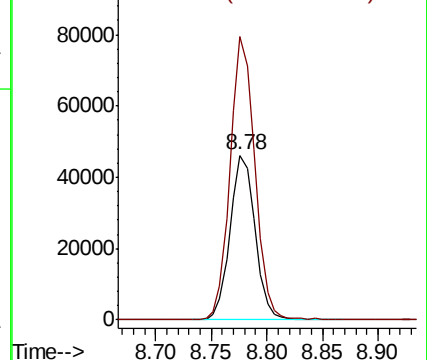
92 100

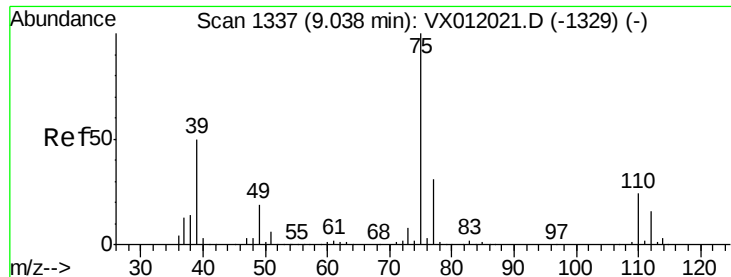
91 171.0 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

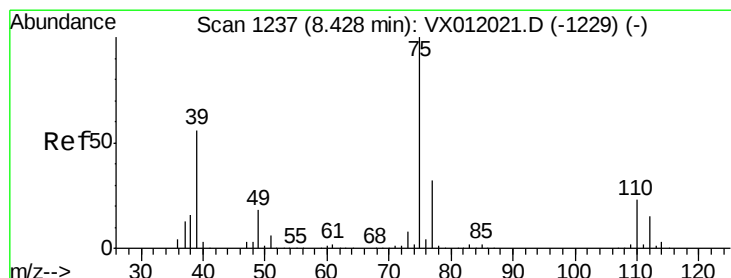
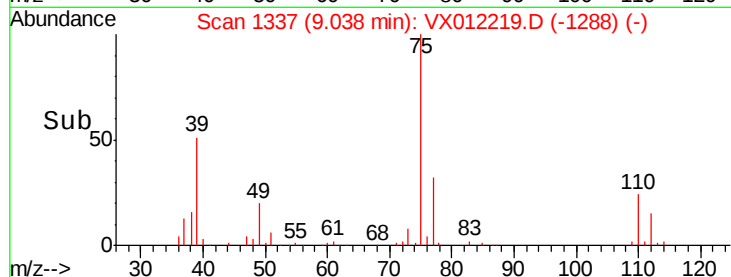
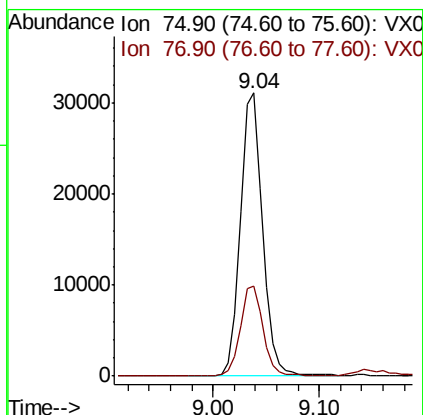
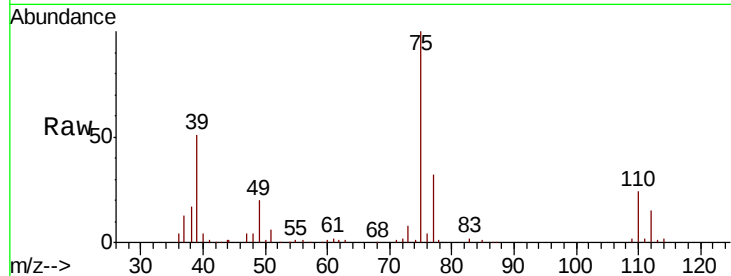




#53
t-1,3-Dichloropropene
Concen: 21.073 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

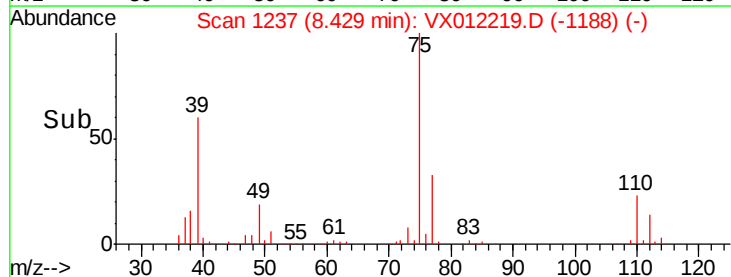
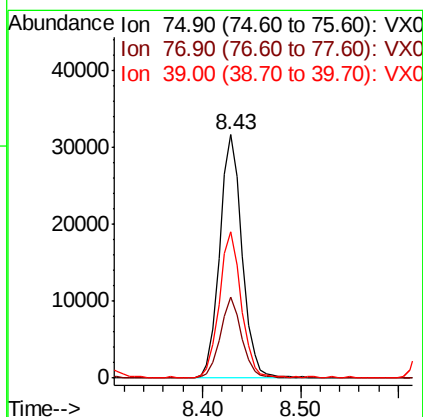
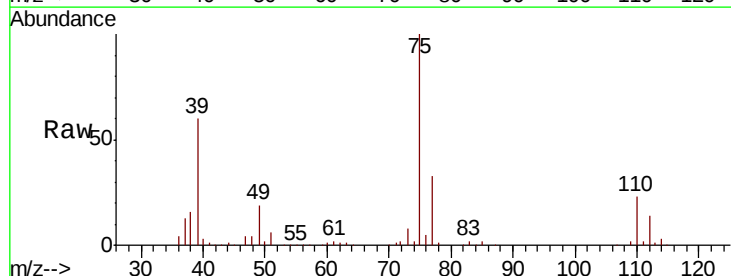
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

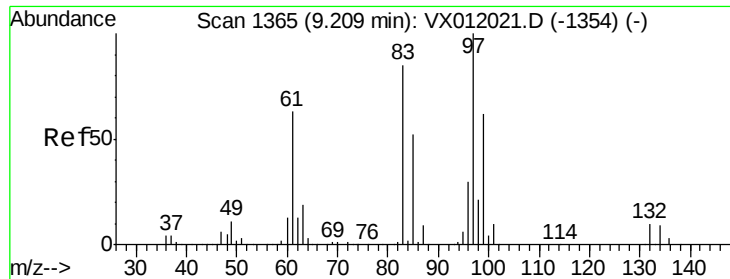
Tgt Ion: 75 Resp: 45822
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.709 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 75 Resp: 50075
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3
39 60.0 43.0 64.4

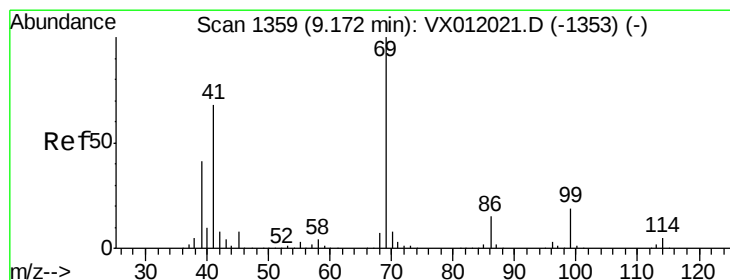
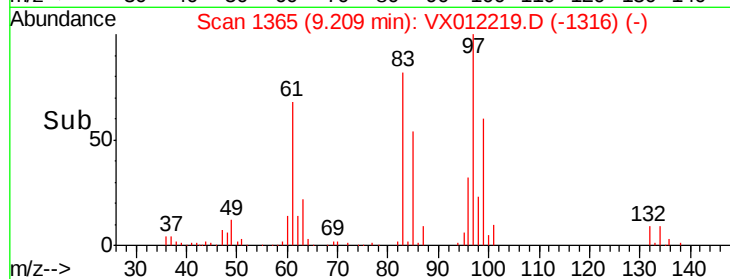
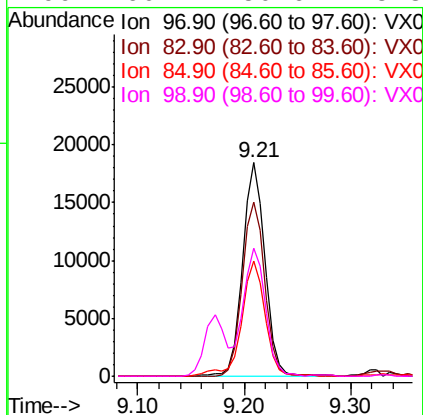
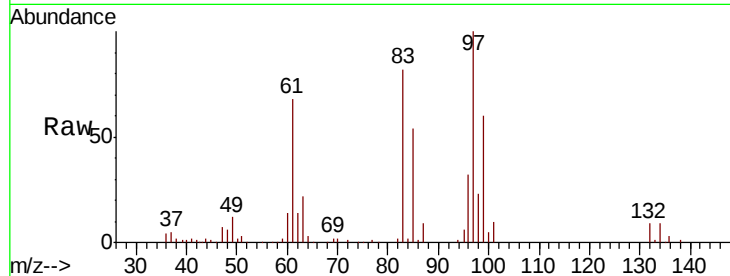




#55
 1,1,2-Trichloroethane
 Concen: 23.036 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

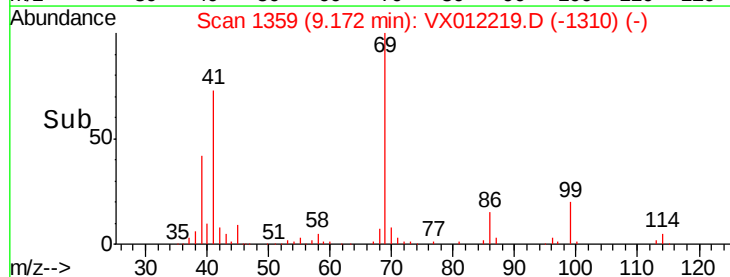
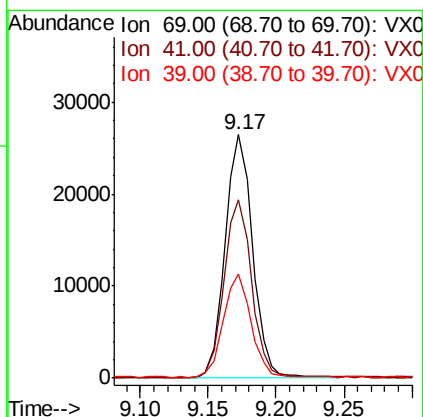
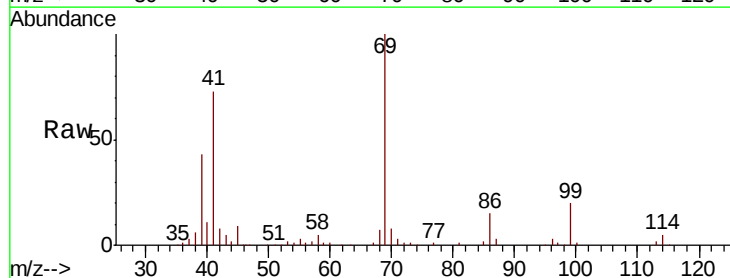
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

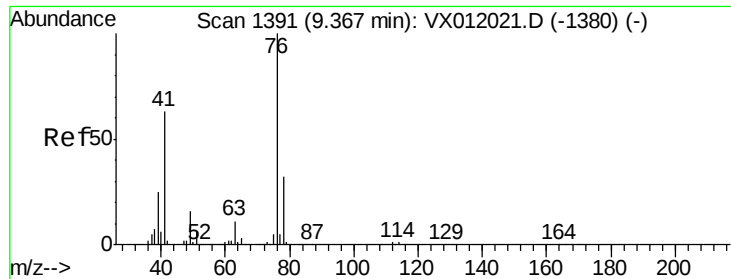
Tgt Ion:	97	Resp:	27213
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.0	99.0
85	54.1	41.0	61.6
99	60.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 22.040 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion:	69	Resp:	37293
Ion	Ratio	Lower	Upper
69	100		
41	73.4	53.9	80.9
39	43.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 22.377 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

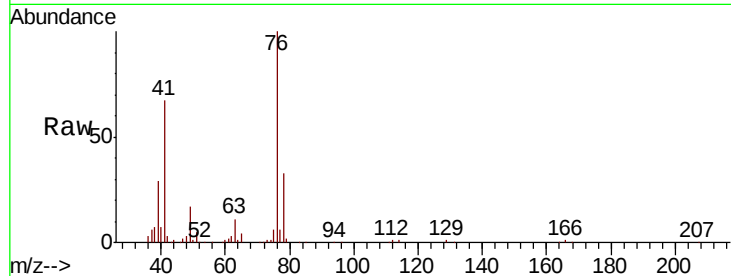
VX0908SBS02

Tgt Ion: 76 Resp: 45615

Ion Ratio Lower Upper

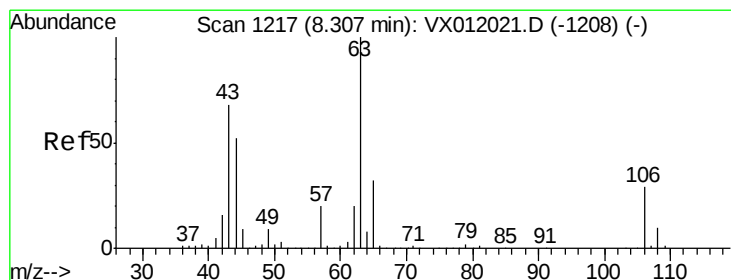
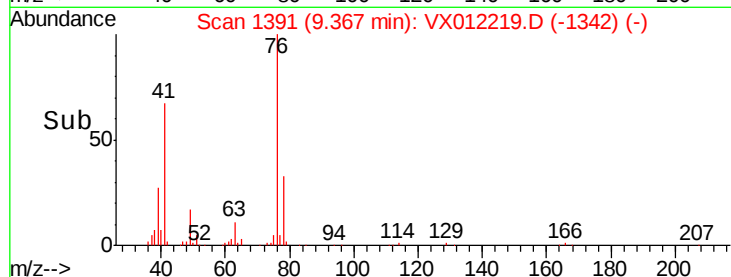
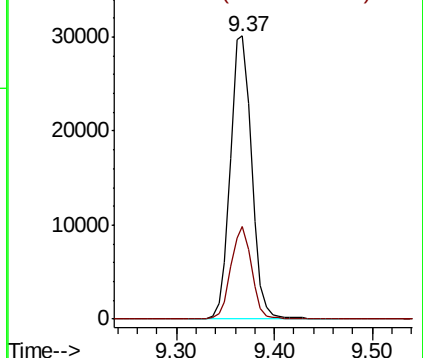
76 100

78 31.9 25.5 38.3



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: 103.791 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012219.D

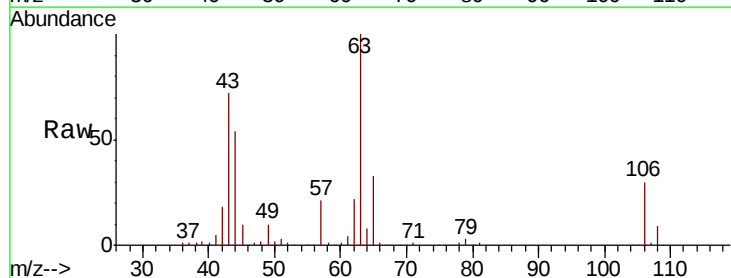
Acq: 08 Sep 2019 13:23

Tgt Ion: 63 Resp: 79177

Ion Ratio Lower Upper

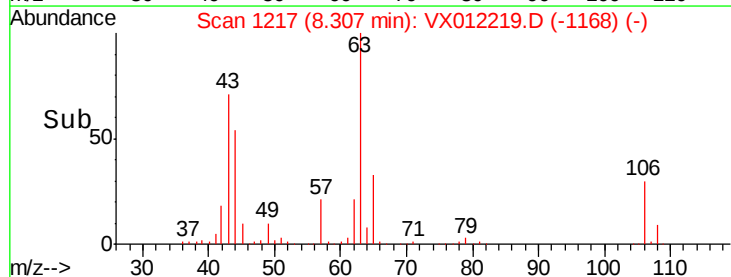
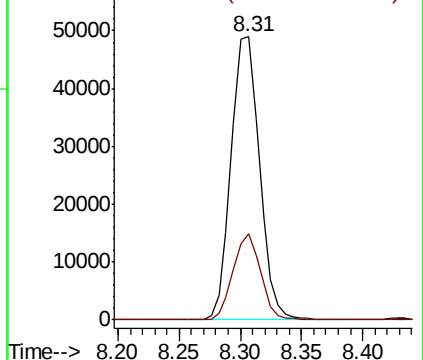
63 100

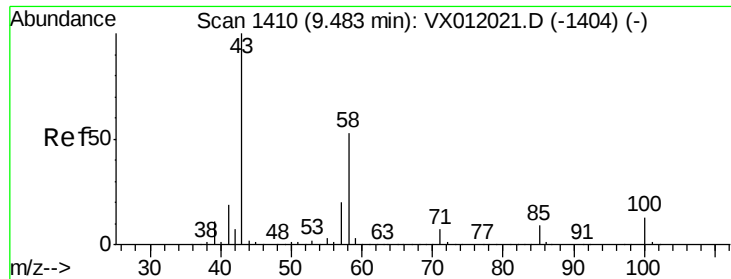
106 29.4 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

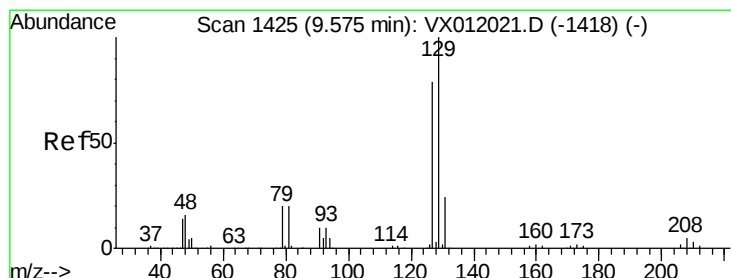
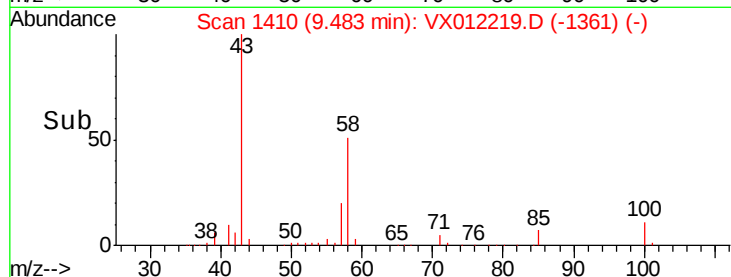
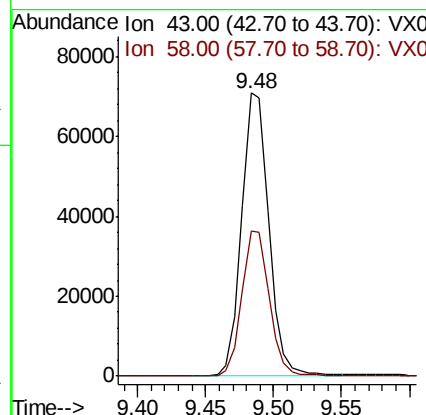
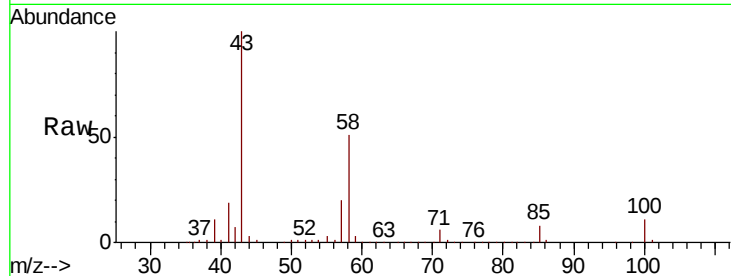




#59
 2-Hexanone
 Concen: 125.973 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

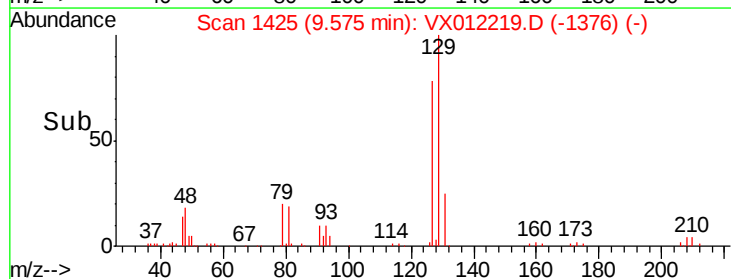
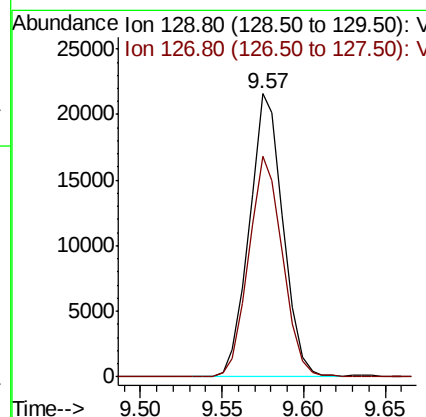
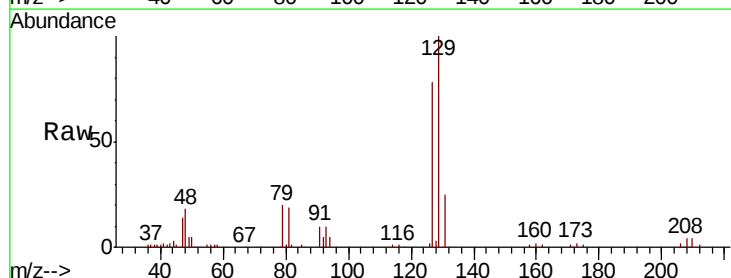
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBSD02

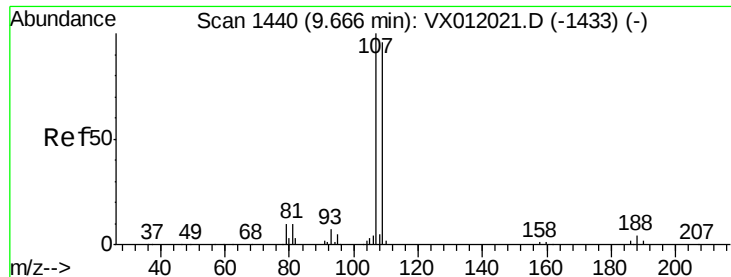
Tgt Ion: 43 Resp: 98654
 Ion Ratio Lower Upper
 43 100
 58 52.3 27.2 81.6



#60
 Dibromochloromethane
 Concen: 22.011 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 129 Resp: 30989
 Ion Ratio Lower Upper
 129 100
 127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 22.088 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

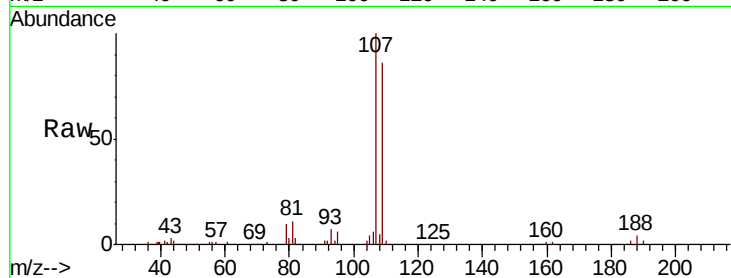
VX0908SBS02

Tgt Ion: 107 Resp: 25213

Ion Ratio Lower Upper

107 100

109 90.8 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

20000

15000

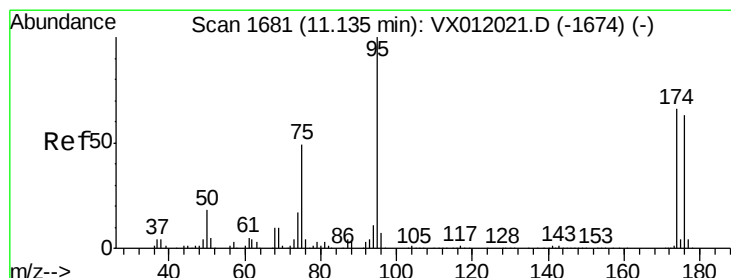
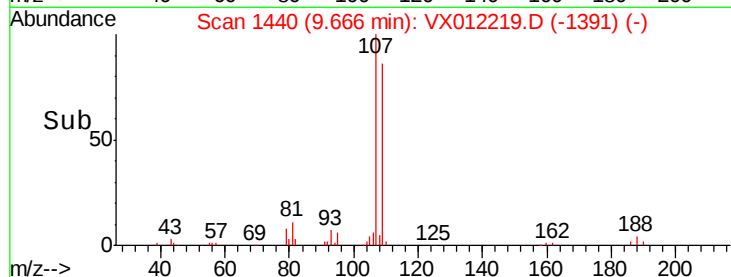
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.512 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

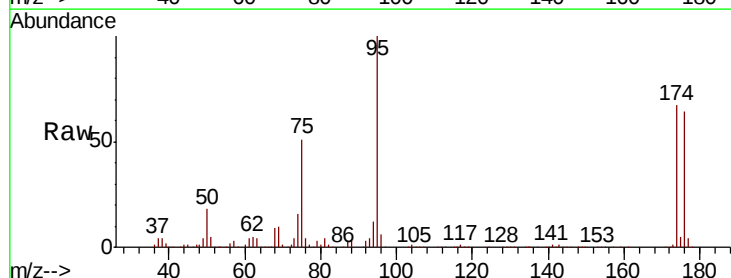
Tgt Ion: 95 Resp: 114862

Ion Ratio Lower Upper

95 100

174 63.3 0.0 205.4

176 62.3 0.0 201.8



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

120000

100000

80000

60000

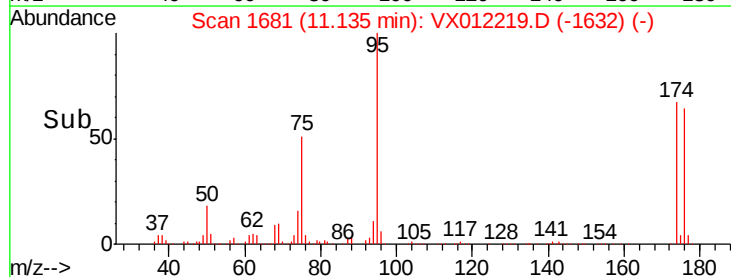
40000

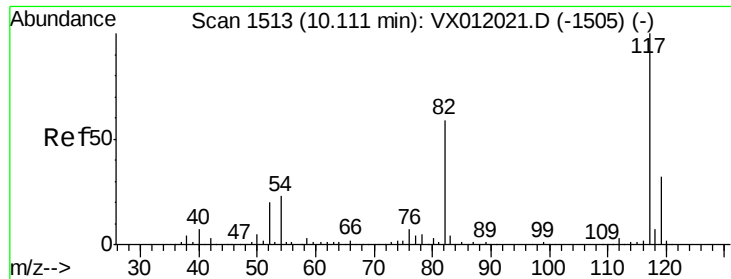
20000

0

Time-->

11.10 11.14 11.20

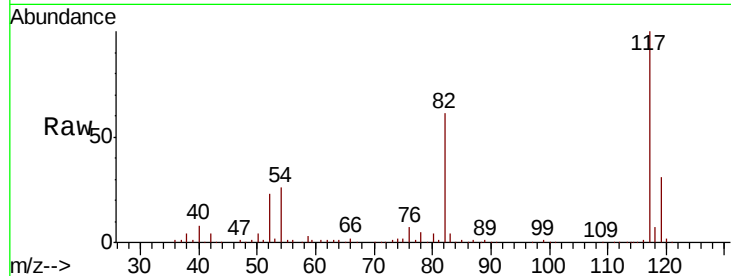




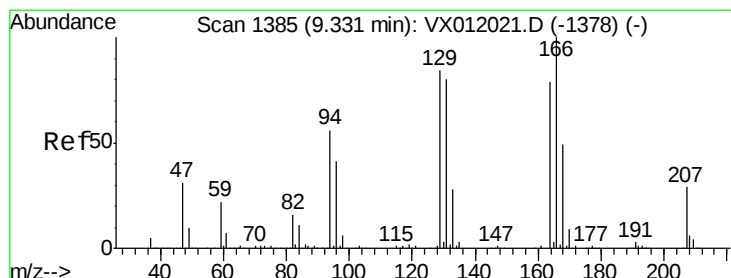
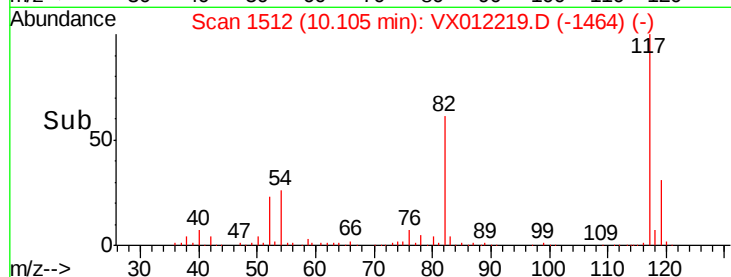
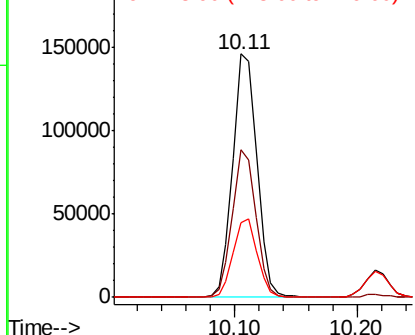
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion:117 Resp: 199006
Ion Ratio Lower Upper
117 100
82 60.8 39.4 59.0#
119 30.8 26.1 39.1

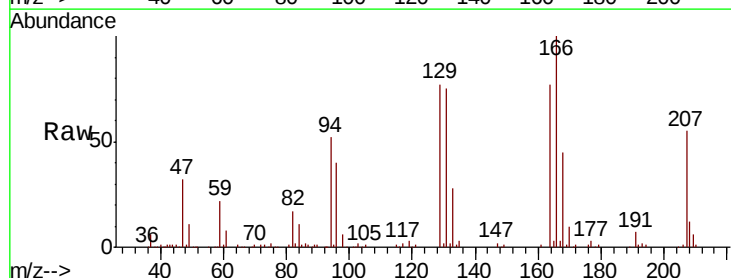


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

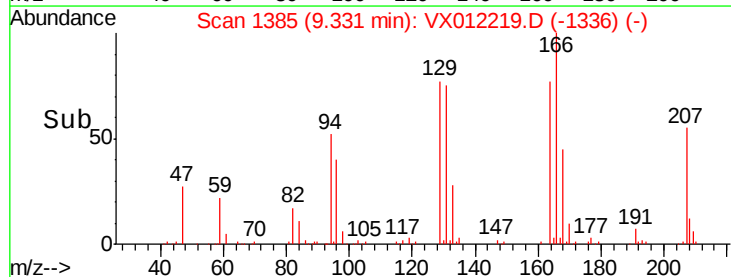
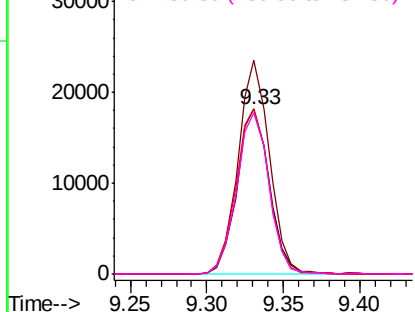


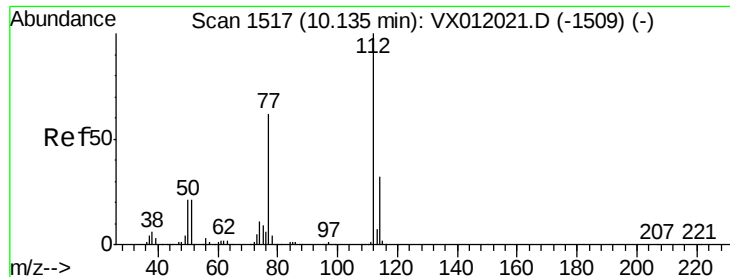
#64
Tetrachloroethene
Concen: 21.425 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:164 Resp: 26582
Ion Ratio Lower Upper
164 100
166 129.8 104.3 156.5
129 100.4 68.3 102.5
131 98.0 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

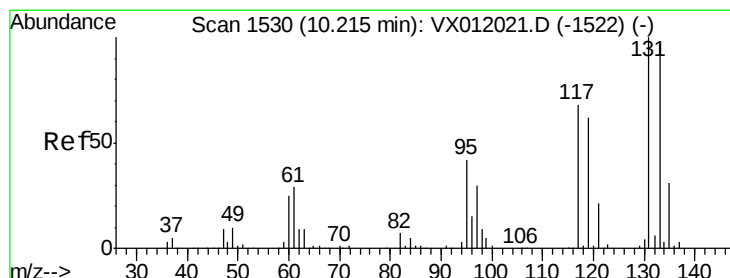
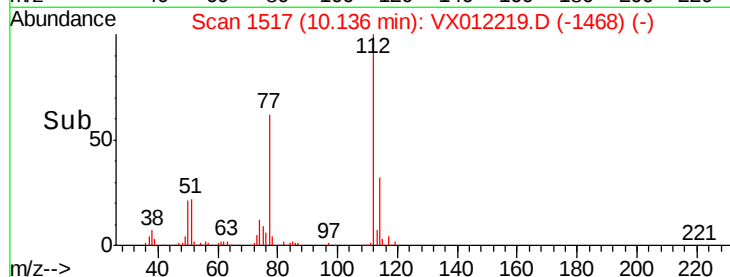
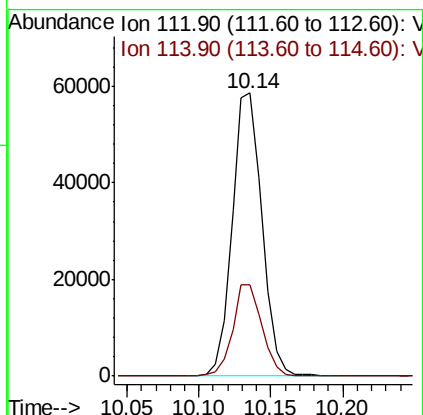
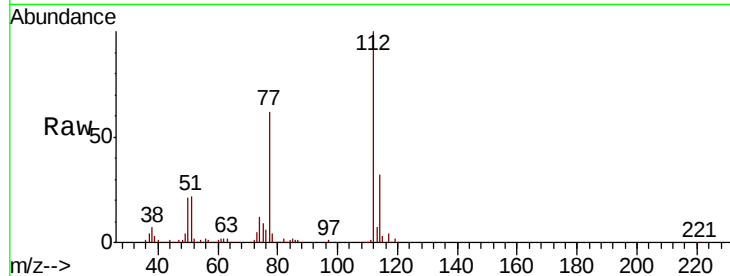




#65
Chlorobenzene
Concen: 21.590 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

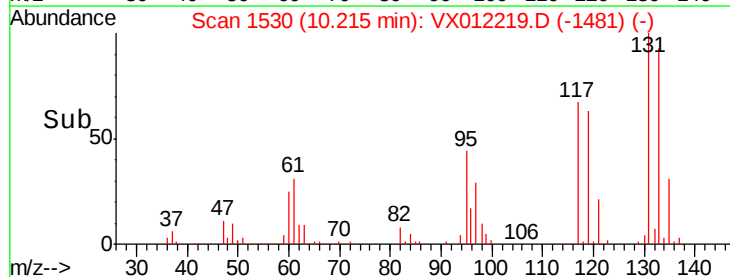
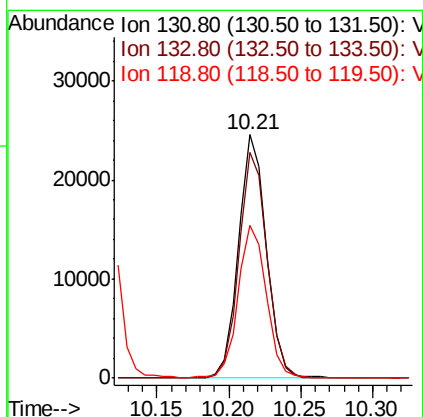
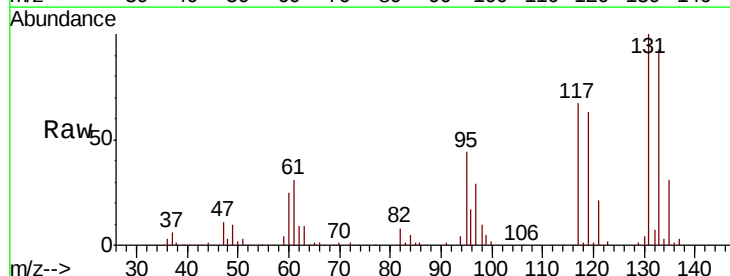
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

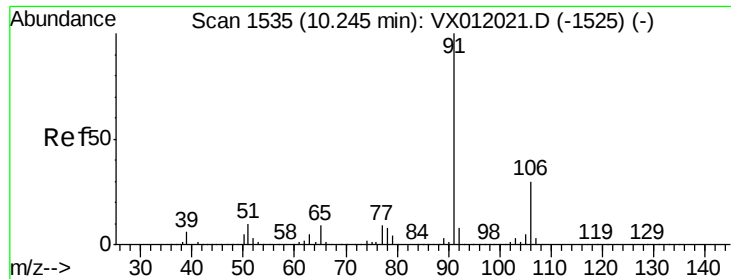
Tgt Ion:112 Resp: 84773
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.851 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:131 Resp: 32808
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 64.3 30.5 91.5

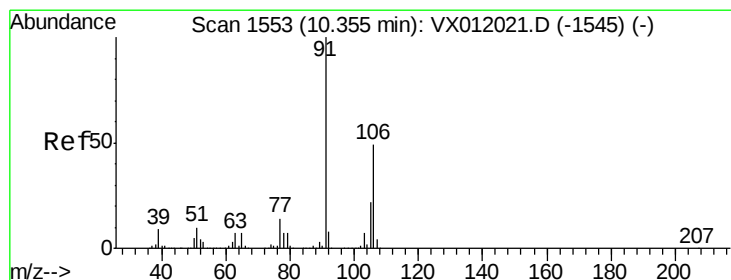
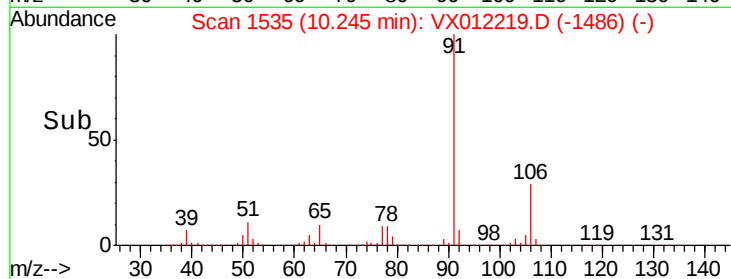
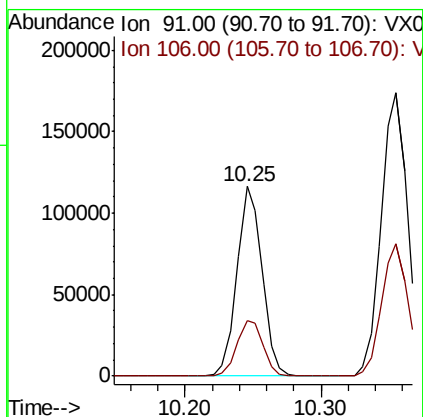
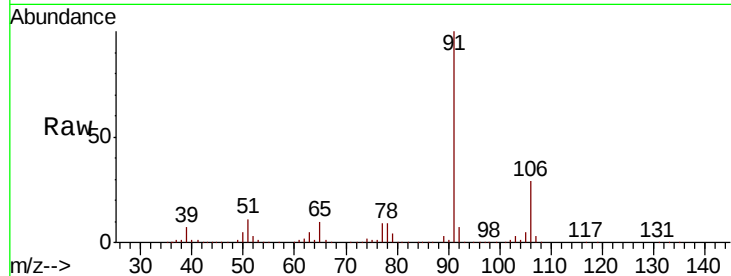




#67
Ethyl Benzene
Concen: 20.962 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

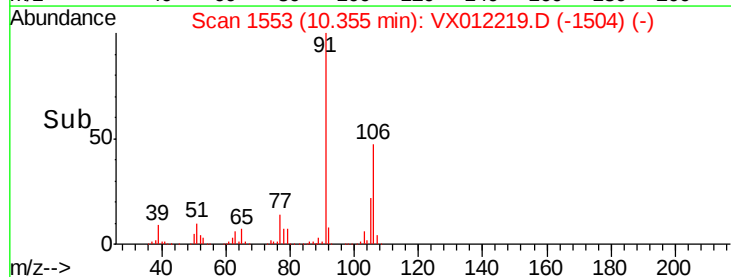
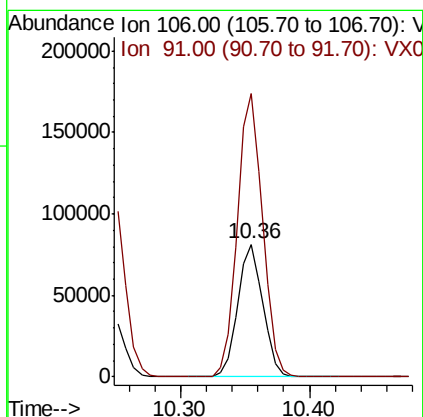
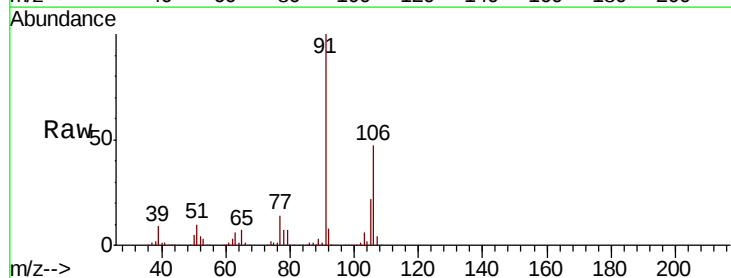
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion: 91 Resp: 150033
Ion Ratio Lower Upper
91 100
106 29.2 25.8 38.8



#68
m/p-Xylenes
Concen: 41.528 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 106 Resp: 109511
Ion Ratio Lower Upper
106 100
91 215.6 157.5 236.3

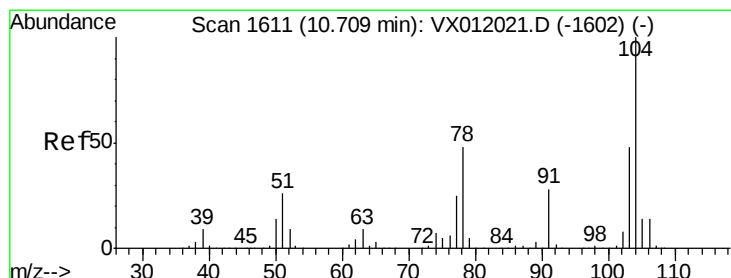
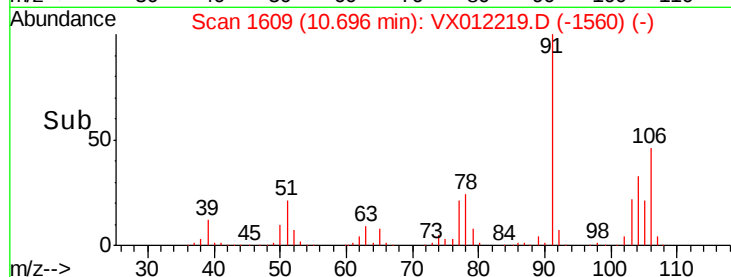
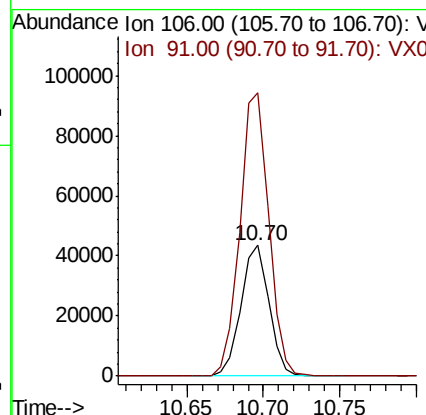
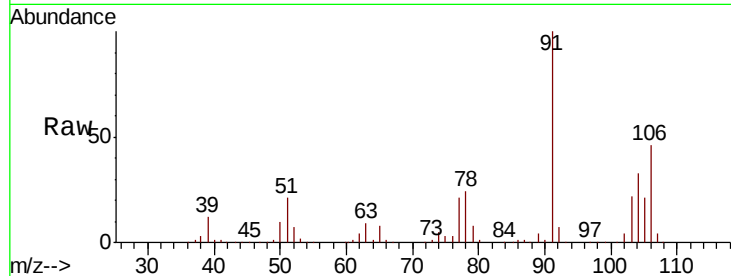




#69
o-Xylene
Concen: 21.681 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

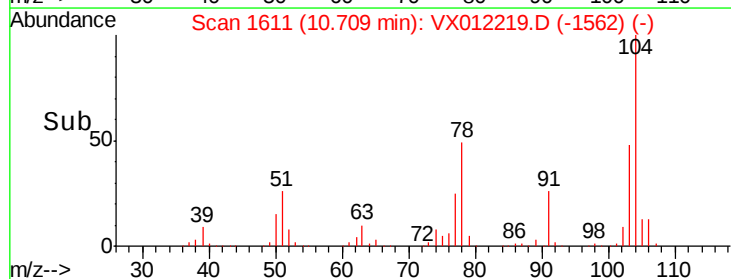
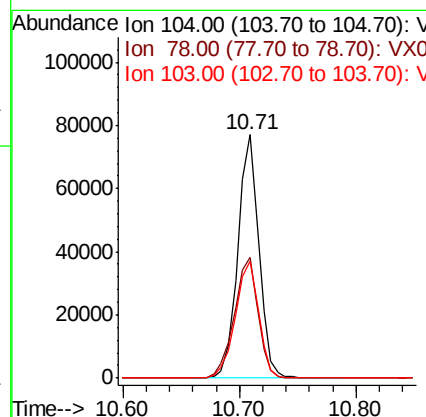
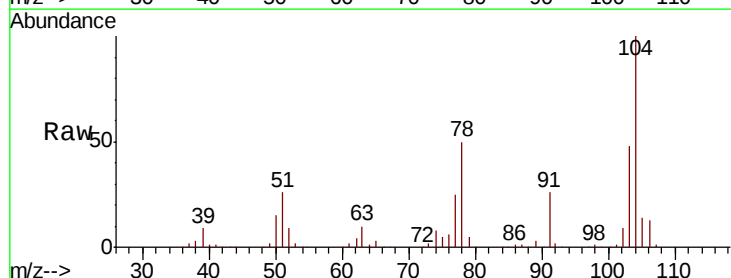
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBSD02

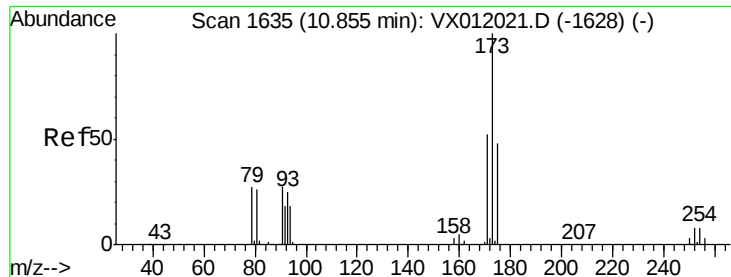
Tgt Ion:106 Resp: 55441
Ion Ratio Lower Upper
106 100
91 222.3 103.5 310.3



#70
Styrene
Concen: 21.954 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:104 Resp: 97509
Ion Ratio Lower Upper
104 100
78 56.1 39.1 58.7
103 53.6 43.4 65.2





#71

Bromoform

Concen: 22.900 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

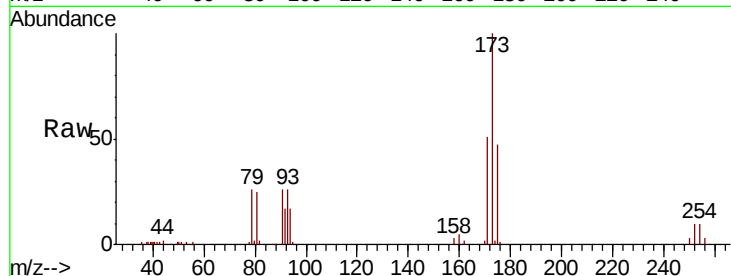
Tgt Ion:173 Resp: 18058

Ion Ratio Lower Upper

173 100

175 47.3 24.9 74.7

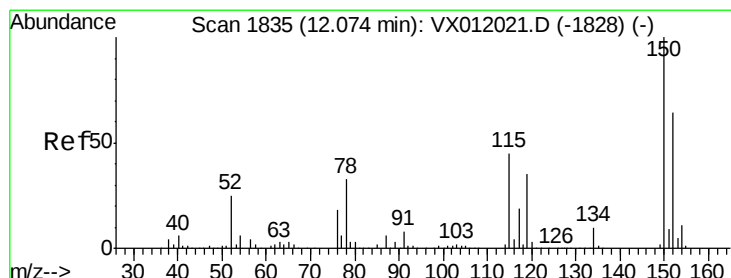
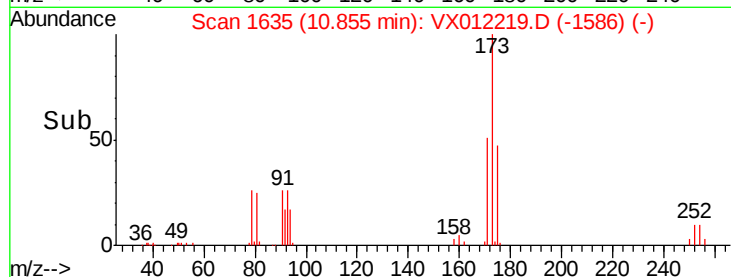
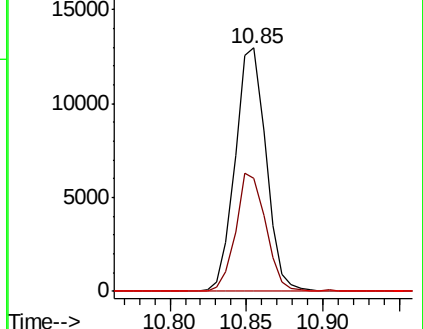
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

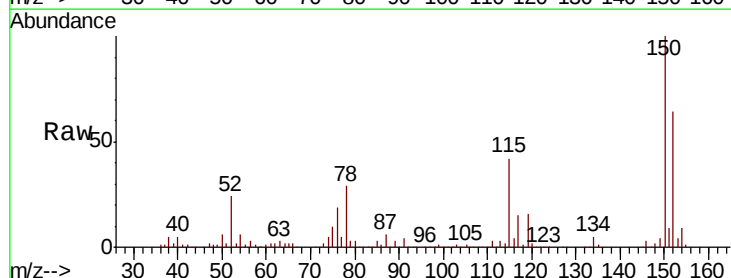
Tgt Ion:152 Resp: 98913

Ion Ratio Lower Upper

152 100

115 77.7 36.4 109.3

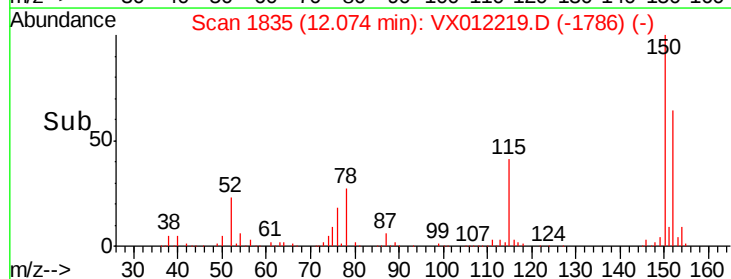
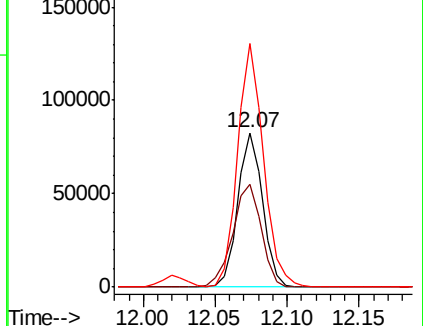
150 165.5 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.200 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

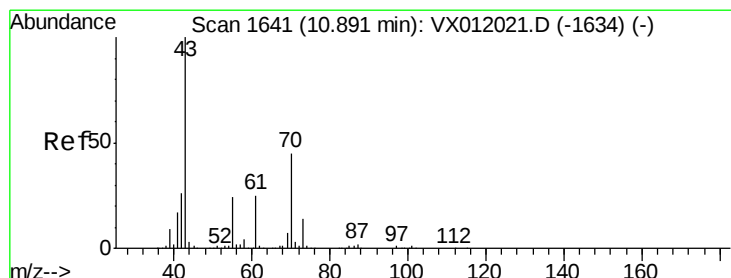
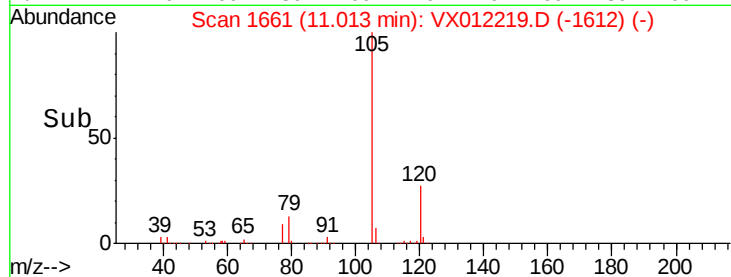
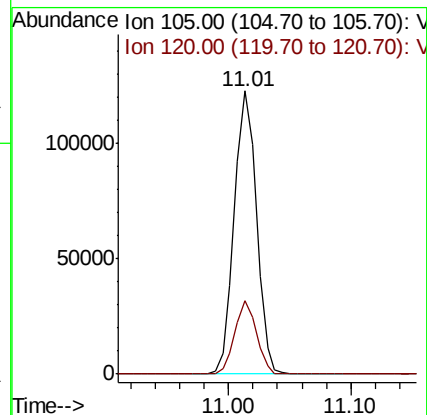
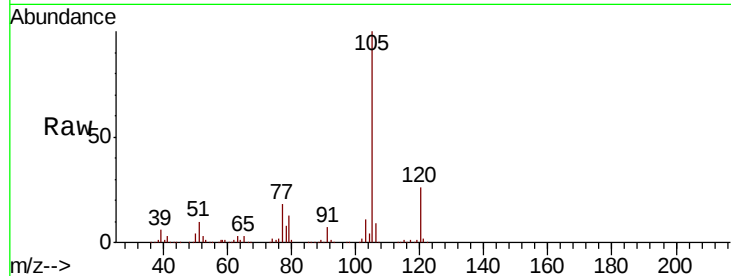
VX0908SBS02

Tgt Ion: 105 Resp: 153854

Ion Ratio Lower Upper

105 100

120 25.3 13.9 41.6



#74

N-ethyl acetate

Concen: 22.946 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion: 43 Resp: 49236

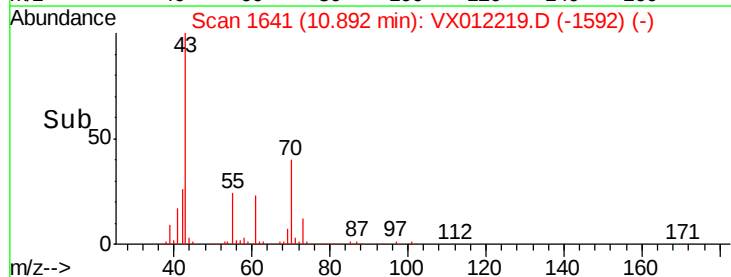
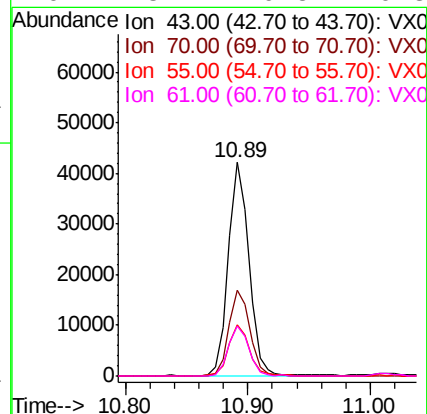
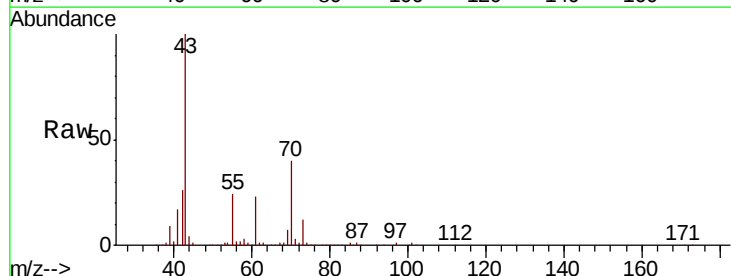
Ion Ratio Lower Upper

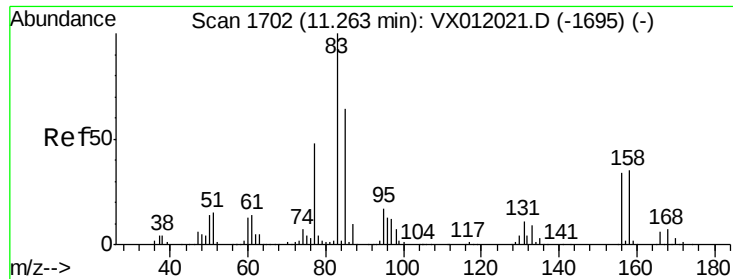
43 100

70 40.9 34.4 51.6

55 24.7 18.5 27.7

61 23.7 19.5 29.3

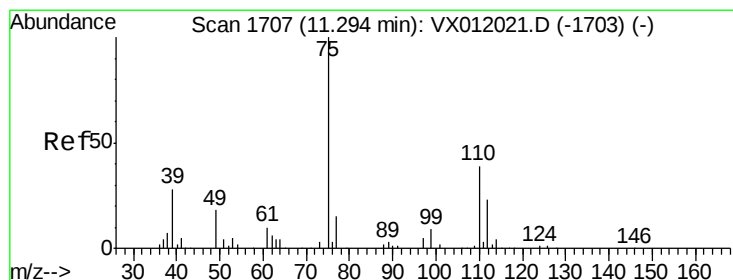
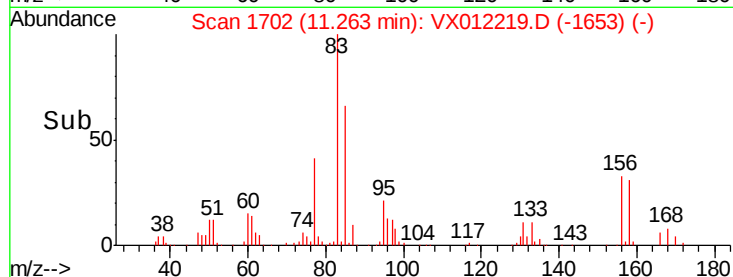
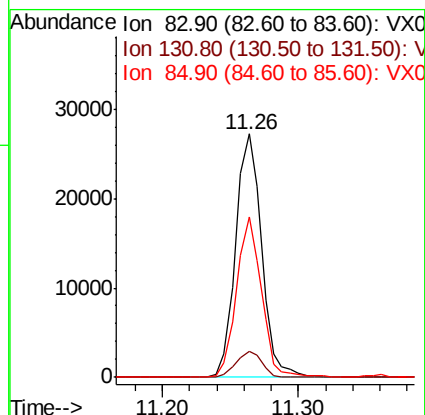
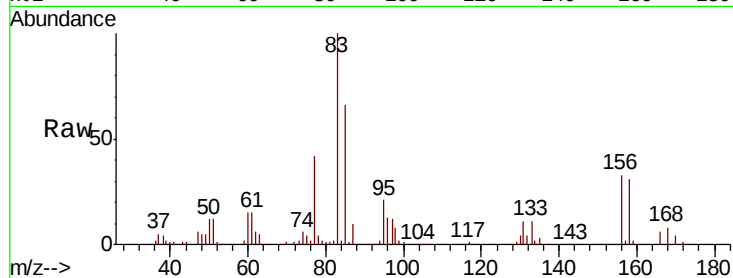




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.893 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

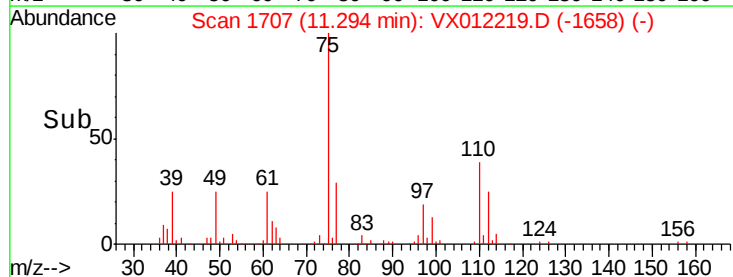
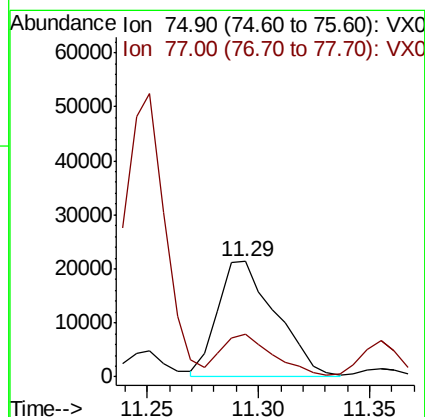
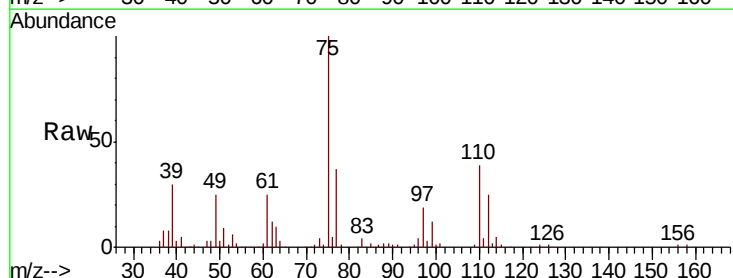
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

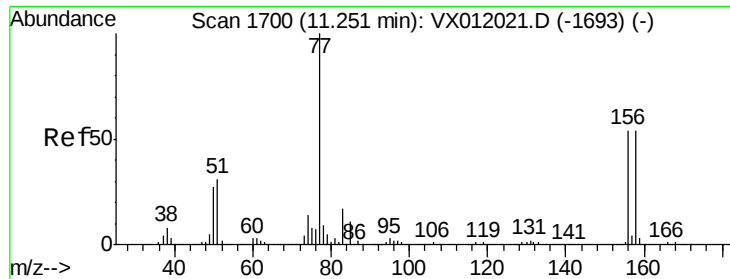
Tgt Ion: 83 Resp: 36149
 Ion Ratio Lower Upper
 83 100
 131 10.7 6.3 19.1
 85 63.3 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 32.110 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 75 Resp: 38807
 Ion Ratio Lower Upper
 75 100
 77 33.6 23.5 70.5

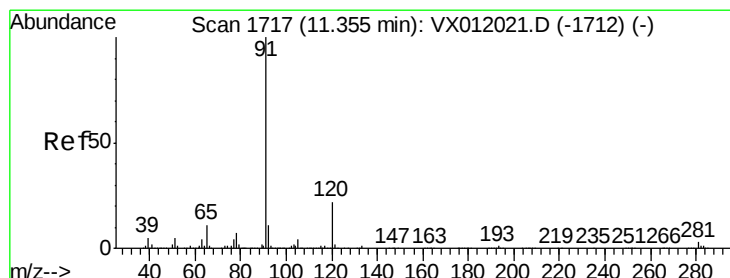
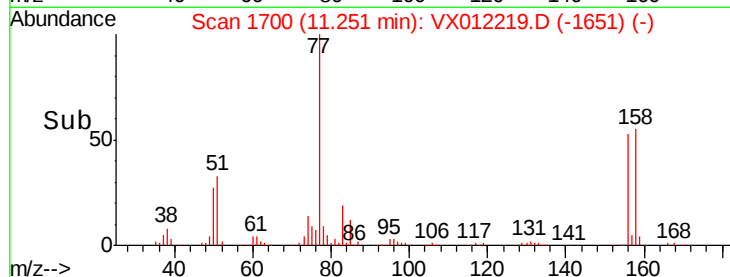
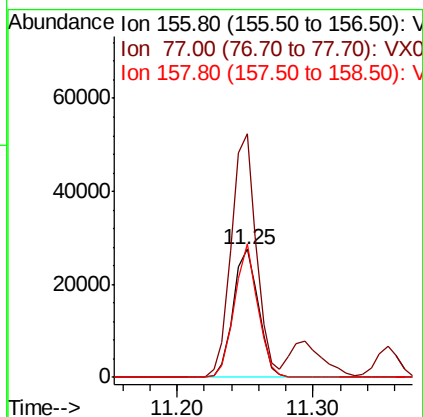
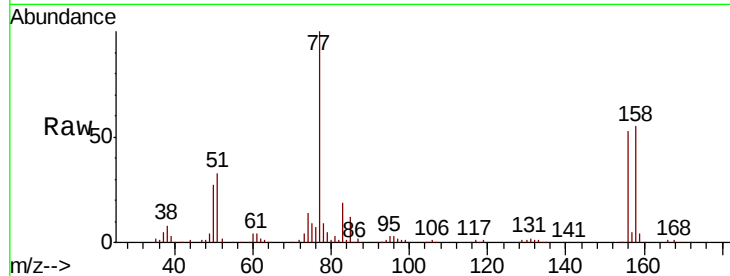




#77
Bromobenzene
Concen: 22.049 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

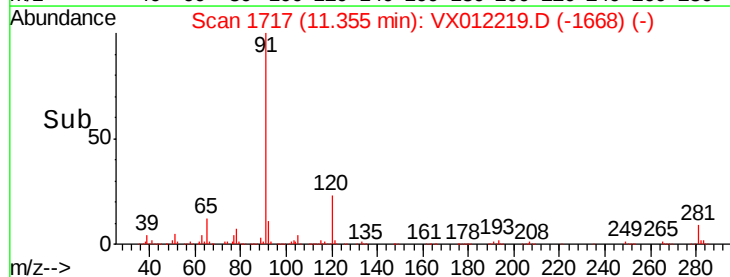
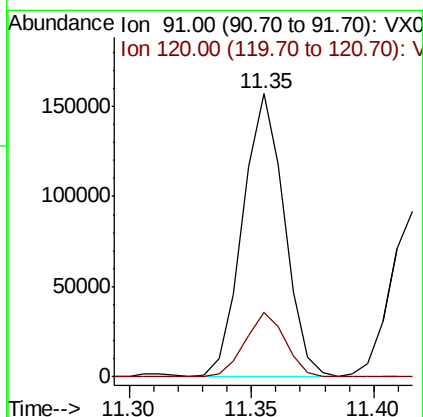
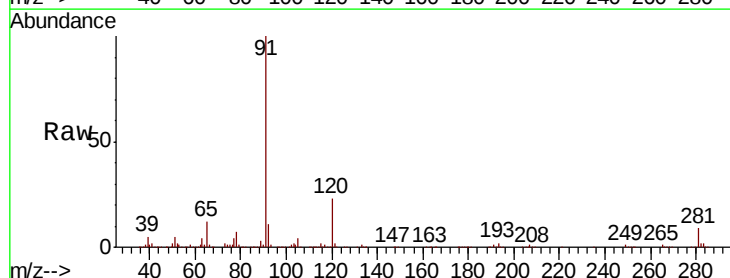
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBSD02

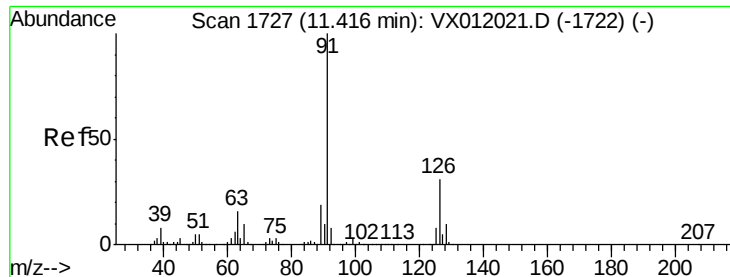
Tgt Ion:156 Resp: 35788
Ion Ratio Lower Upper
156 100
77 188.1 63.4 190.2
158 96.0 48.9 146.6



#78
n-propylbenzene
Concen: 21.045 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 91 Resp: 184514
Ion Ratio Lower Upper
91 100
120 22.3 12.7 38.0





#79

2-Chlorotoluene

Concen: 21.633 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

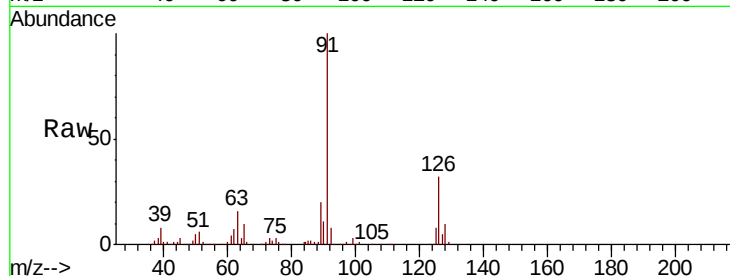
VX0908SBSD02

Tgt Ion: 91 Resp: 114909

Ion Ratio Lower Upper

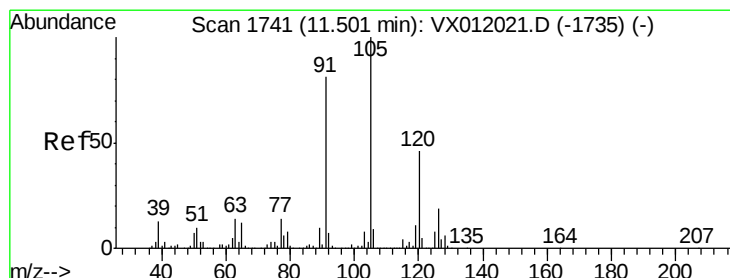
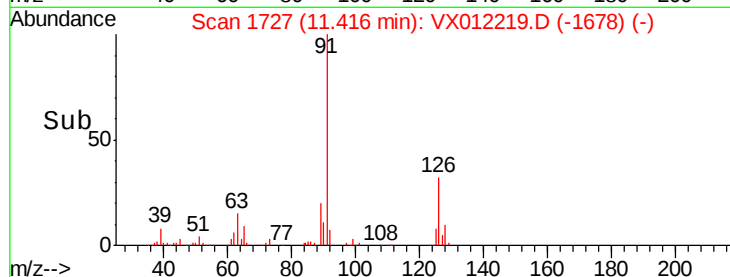
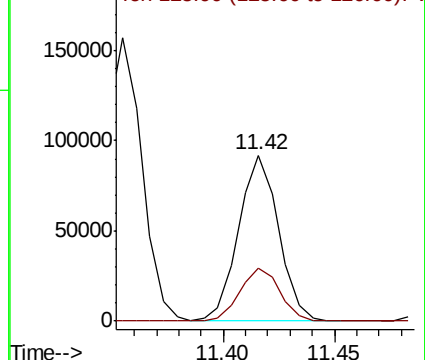
91 100

126 32.2 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.206 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012219.D

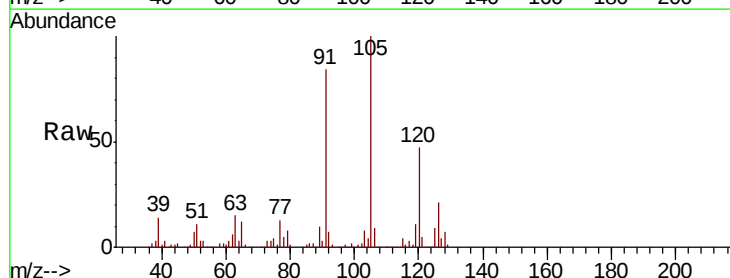
Acq: 08 Sep 2019 13:23

Tgt Ion: 105 Resp: 134867

Ion Ratio Lower Upper

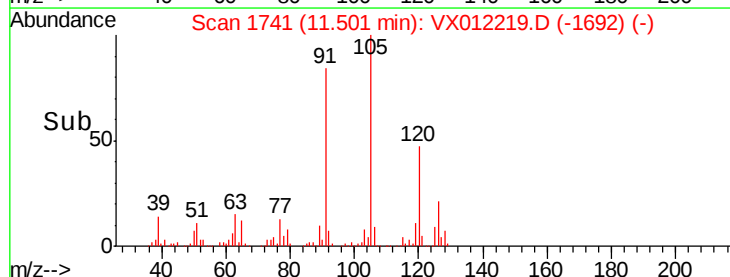
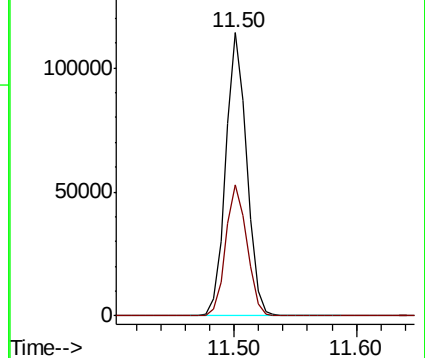
105 100

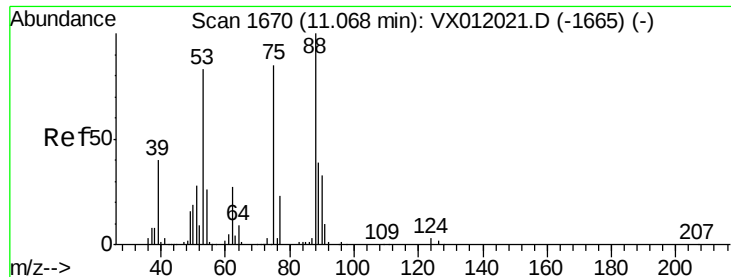
120 47.3 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.804 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

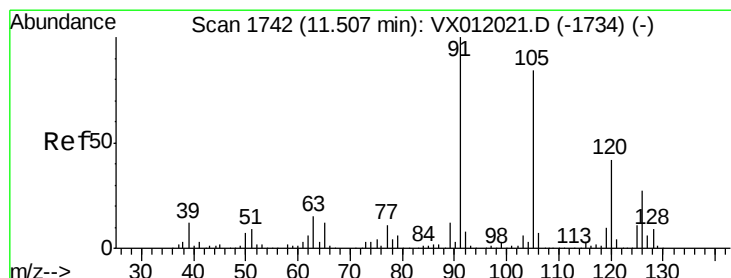
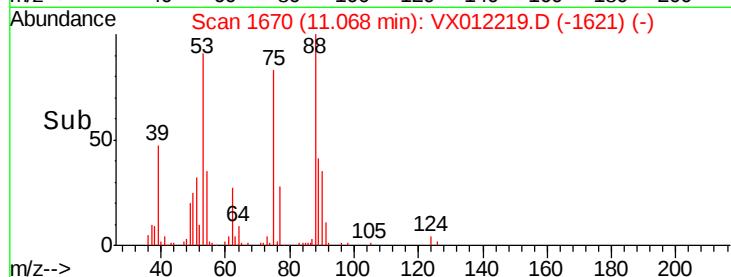
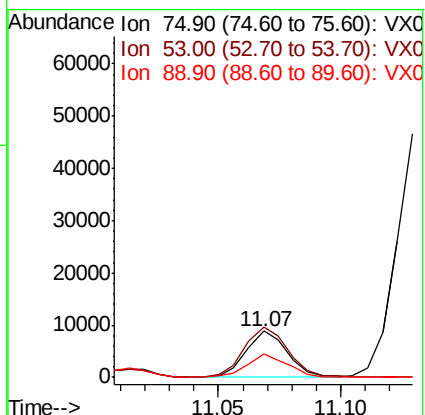
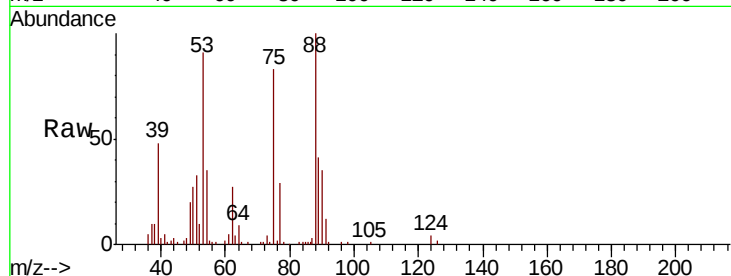
Tgt Ion: 75 Resp: 10635

Ion Ratio Lower Upper

75 100

53 113.8 78.6 117.8

89 49.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 22.317 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012219.D

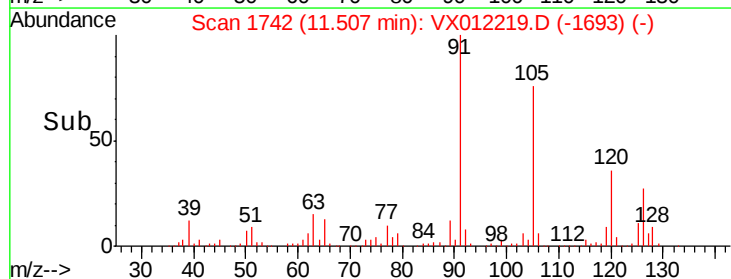
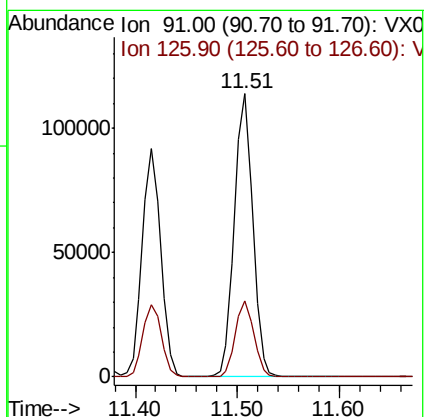
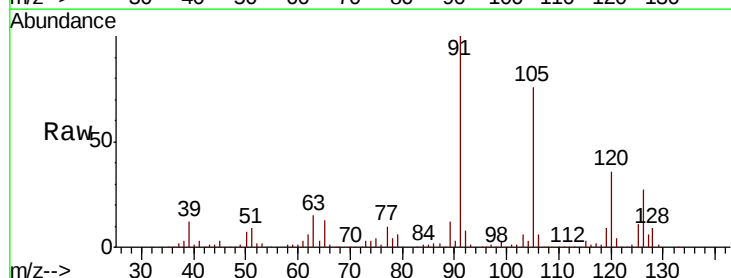
Acq: 08 Sep 2019 13:23

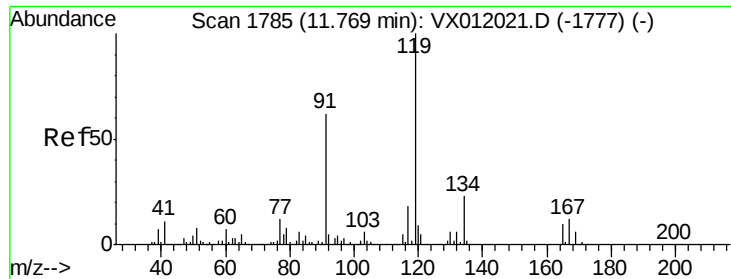
Tgt Ion: 91 Resp: 141294

Ion Ratio Lower Upper

91 100

126 26.9 16.2 48.6

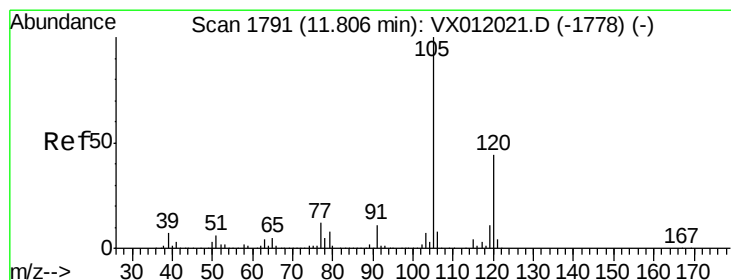
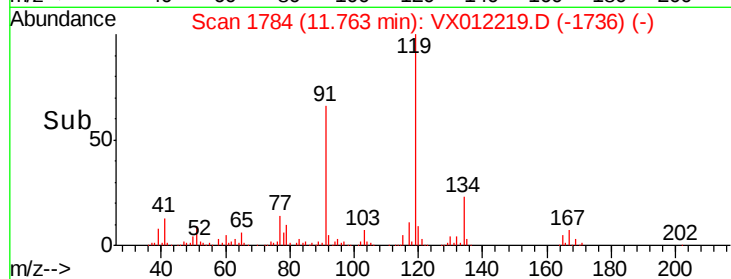
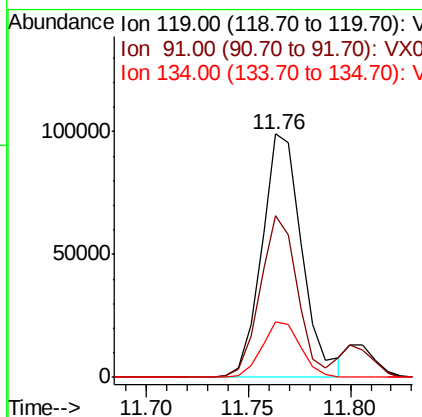
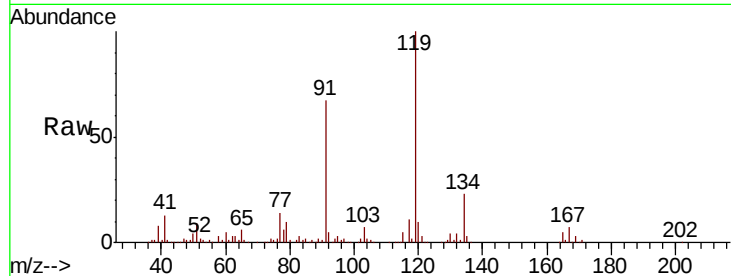




#83
 tert-Butylbenzene
 Concen: 22.324 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

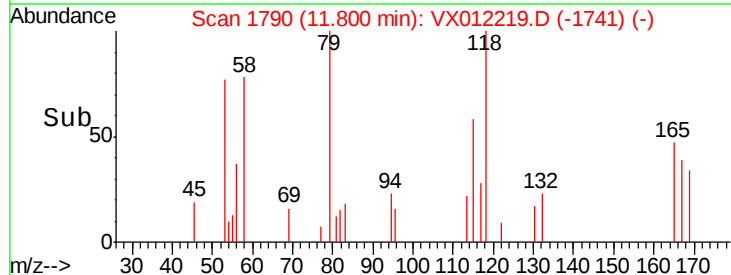
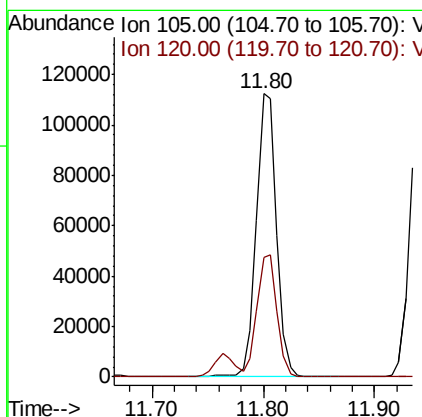
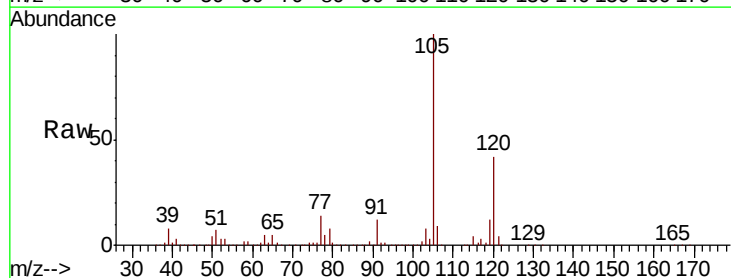
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

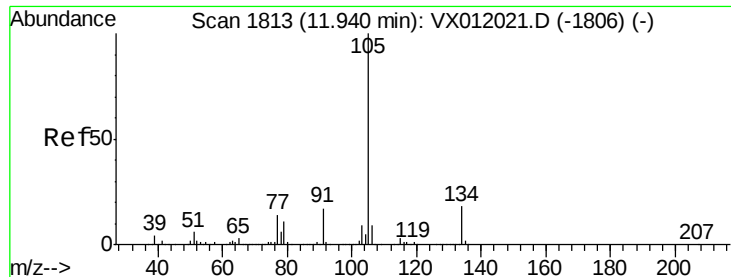
Tgt Ion:119 Resp: 135326
 Ion Ratio Lower Upper
 119 100
 91 61.9 27.1 81.2
 134 22.0 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.711 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion:105 Resp: 141918
 Ion Ratio Lower Upper
 105 100
 120 42.6 23.6 70.8

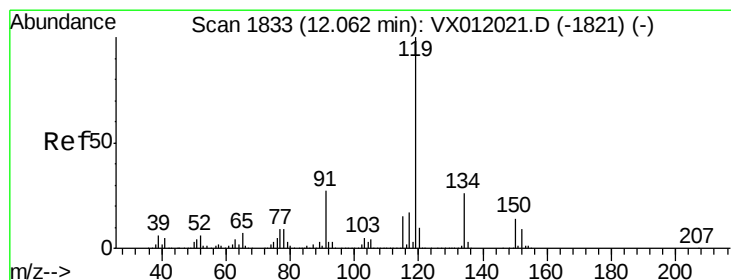
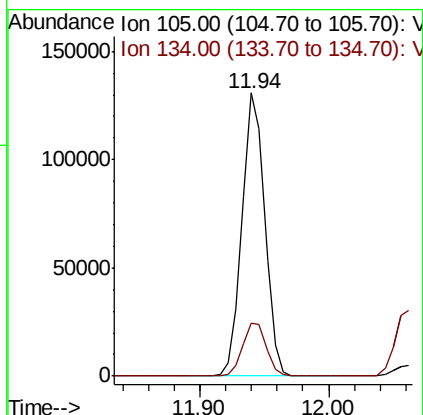
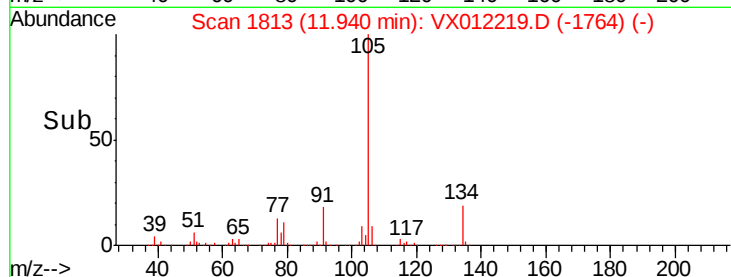
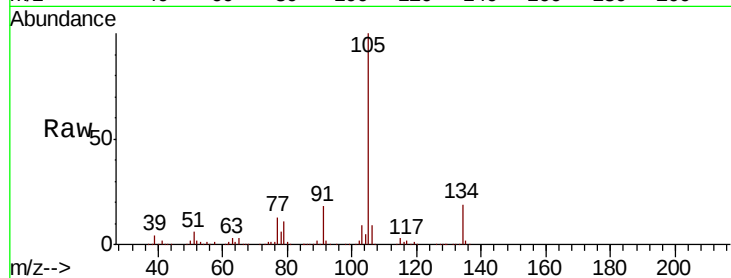




#85
 sec-Butylbenzene
 Concen: 21.241 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

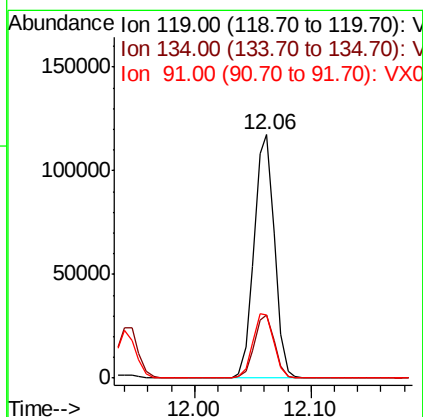
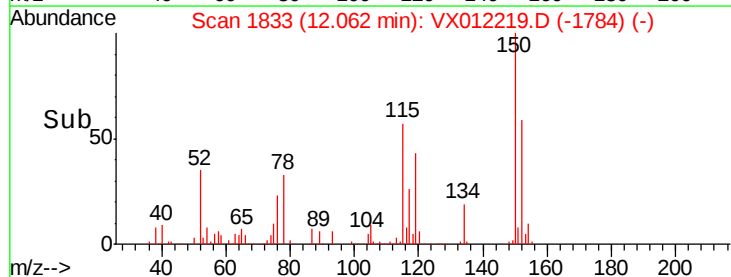
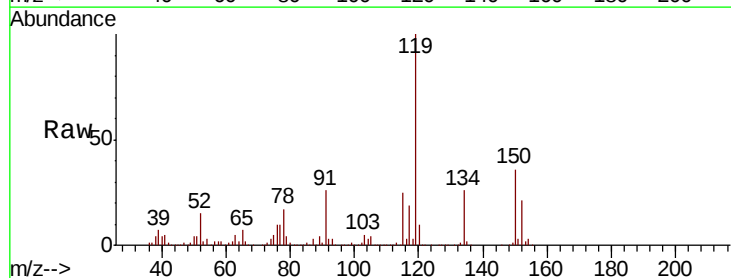
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

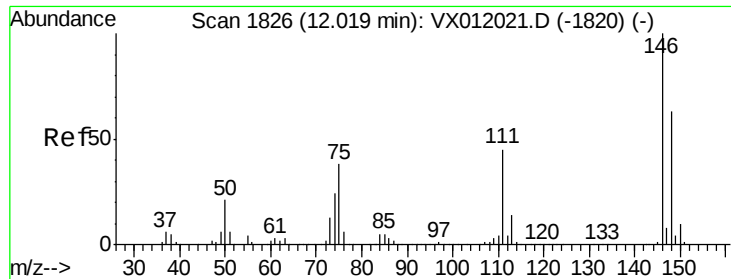
Tgt Ion:105 Resp: 159931
 Ion Ratio Lower Upper
 105 100
 134 19.5 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 21.026 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion:119 Resp: 143970
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.7 41.1
 91 27.4 11.4 34.1

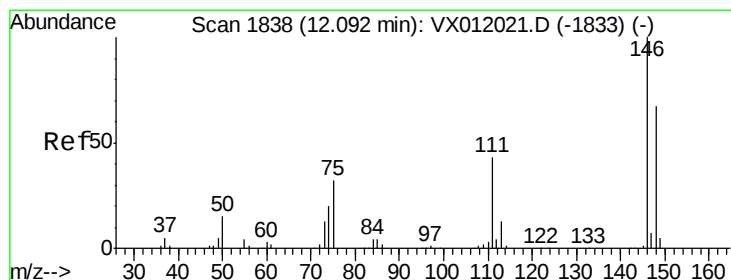
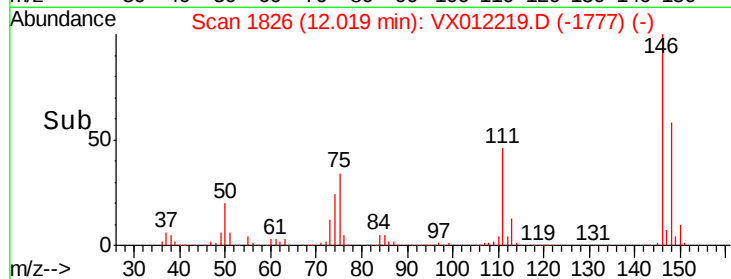
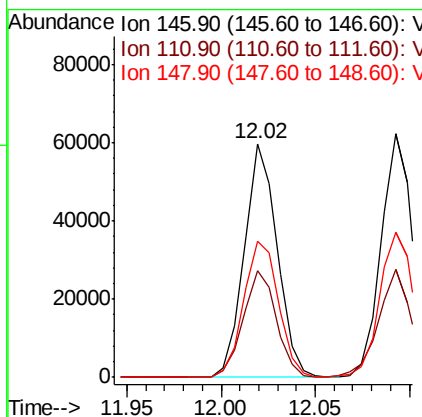
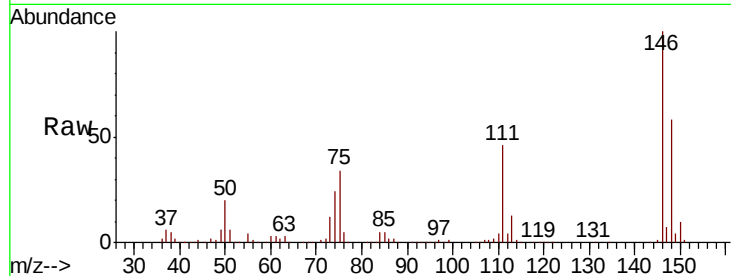




#87
 1,3-Dichlorobenzene
 Concen: 22.253 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

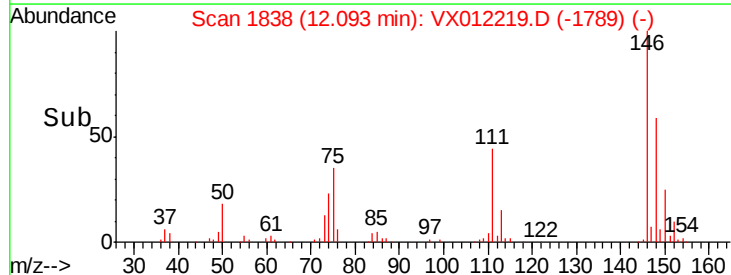
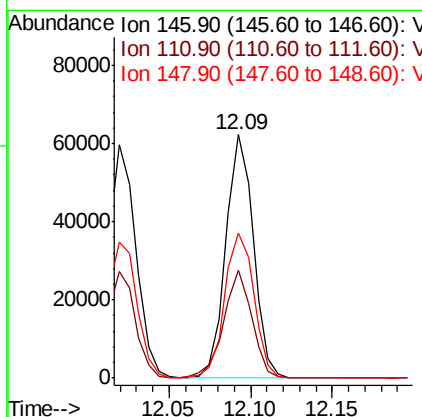
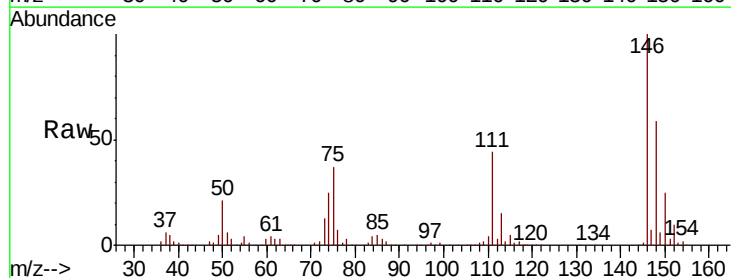
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

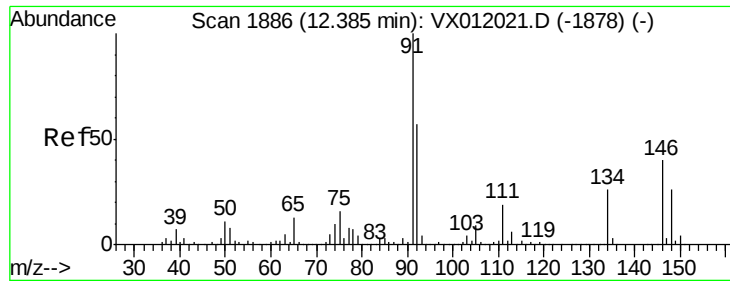
Tgt Ion:146 Resp: 72375
 Ion Ratio Lower Upper
 146 100
 111 46.2 18.1 54.1
 148 61.7 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 22.501 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion:146 Resp: 73174
 Ion Ratio Lower Upper
 146 100
 111 45.6 17.7 53.1
 148 63.4 32.4 97.0

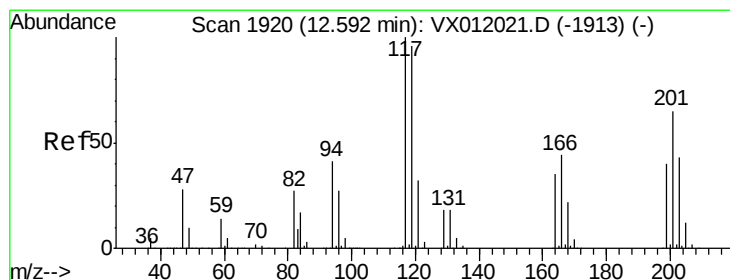
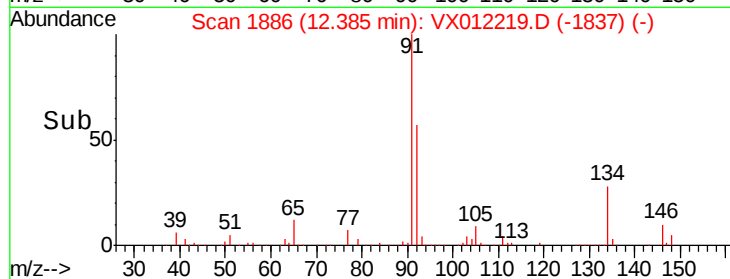
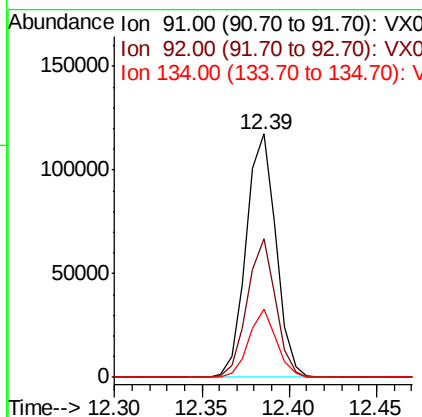
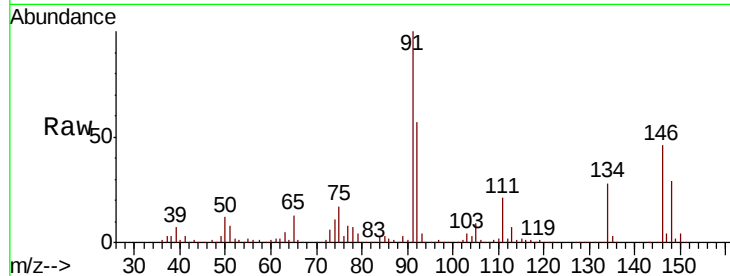




#89
n-Butylbenzene
Concen: 20.965 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

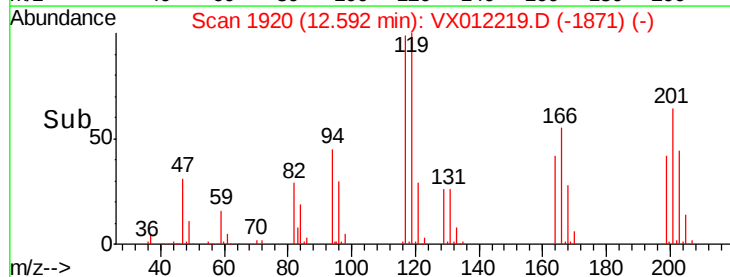
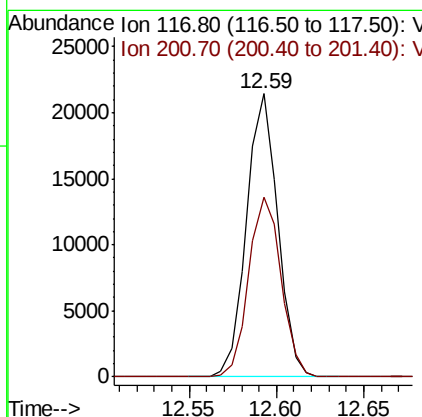
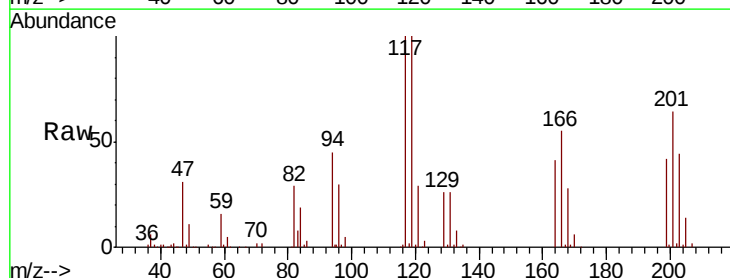
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

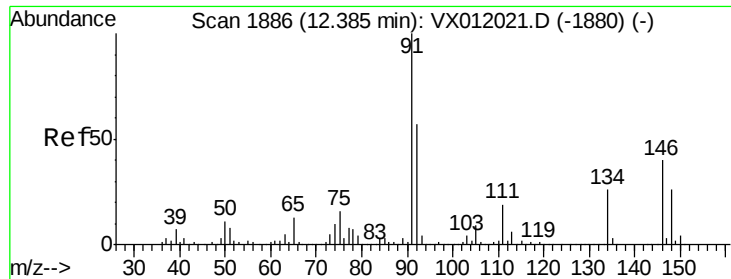
Tgt Ion: 91 Resp: 139450
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.8
134 25.8 15.4 46.1



#90
Hexachloroethane
Concen: 19.454 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 117 Resp: 26598
Ion Ratio Lower Upper
117 100
201 66.0 55.0 165.2

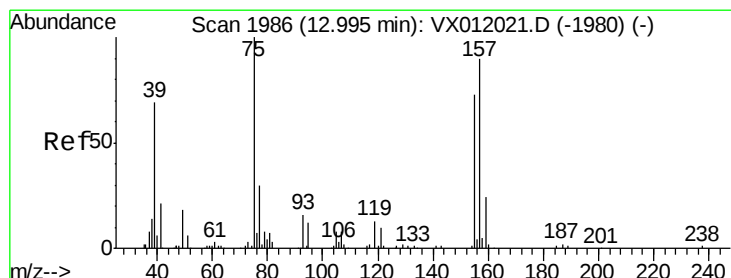
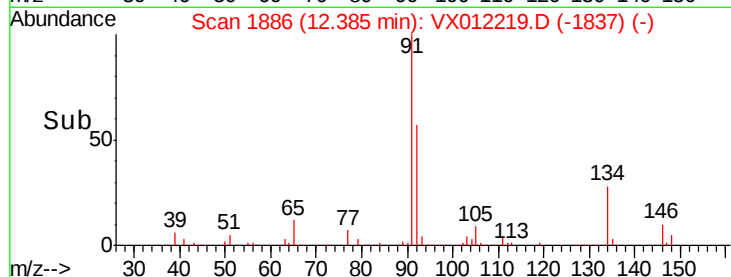
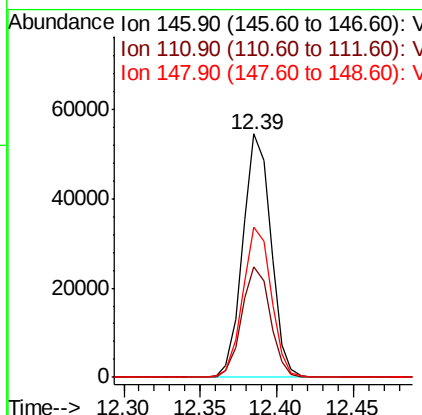
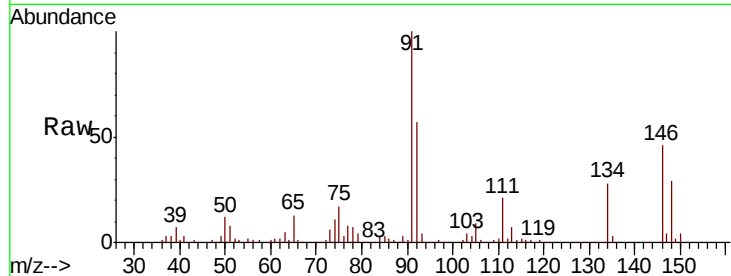




#91
 1,2-Dichlorobenzene
 Concen: 23.808 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

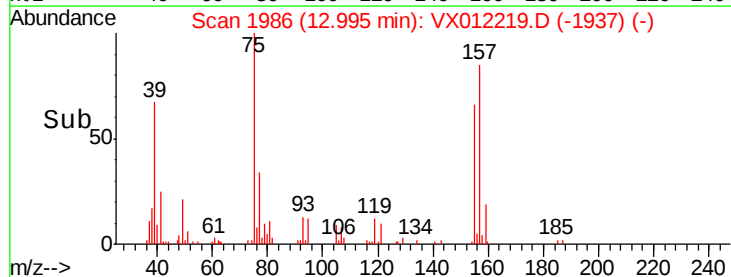
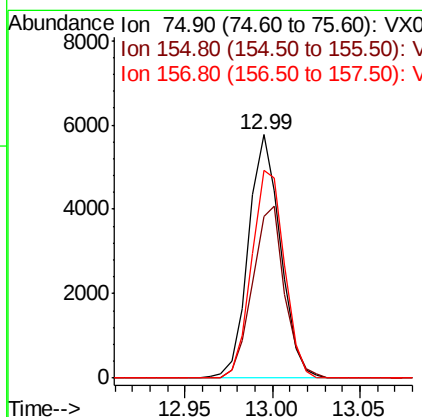
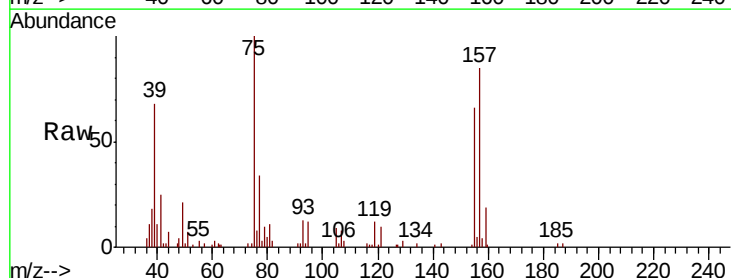
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

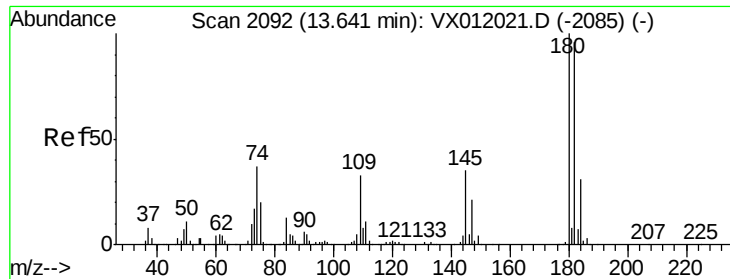
Tgt Ion: 146 Resp: 69739
 Ion Ratio Lower Upper
 146 100
 111 46.0 18.6 56.0
 148 62.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.164 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 75 Resp: 7334
 Ion Ratio Lower Upper
 75 100
 155 71.1 51.7 155.2
 157 87.1 66.9 200.7

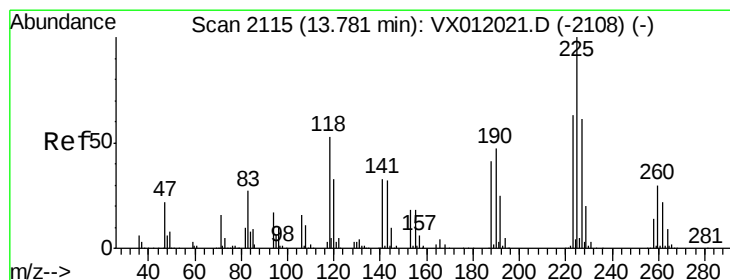
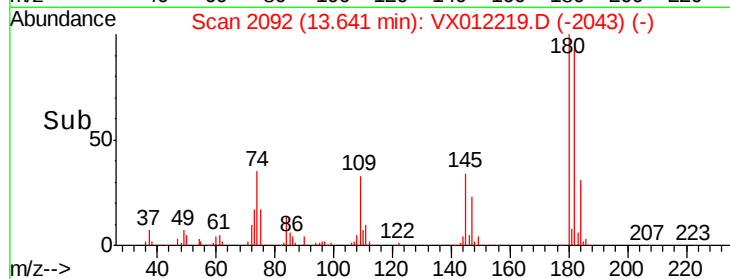
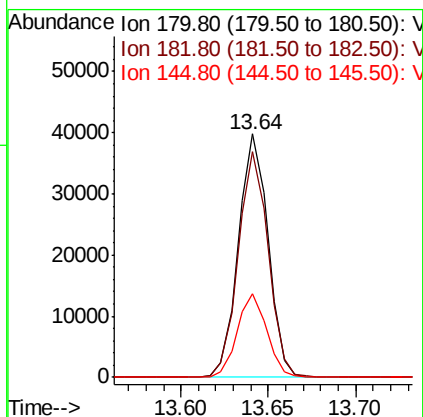
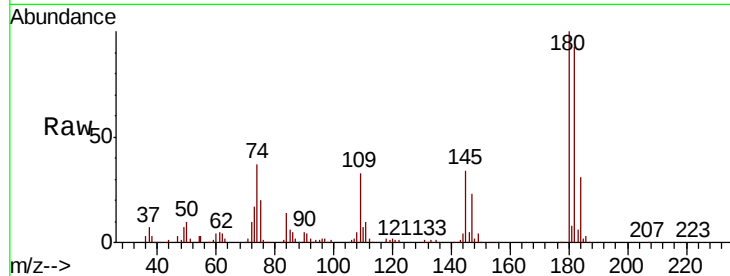




#93
 1,2,4-Trichlorobenzene
 Concen: 22.555 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

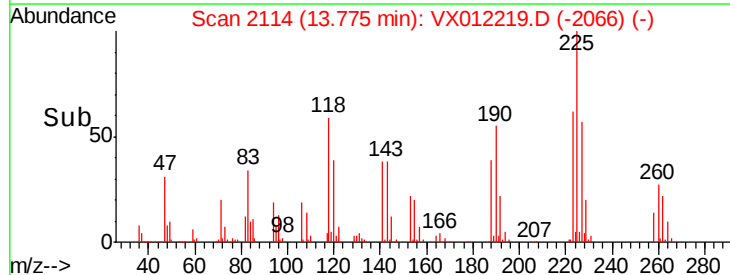
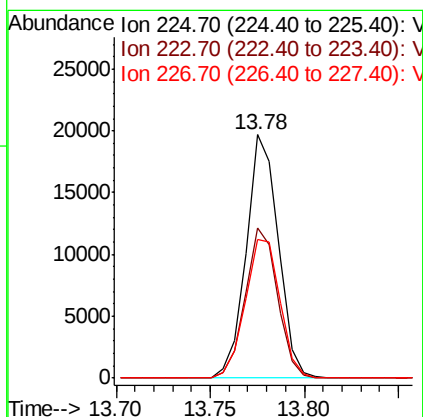
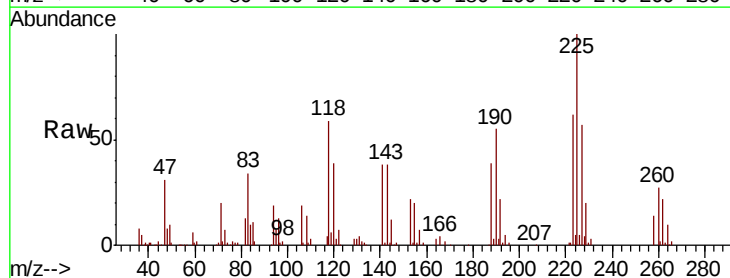
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0908SBSD02

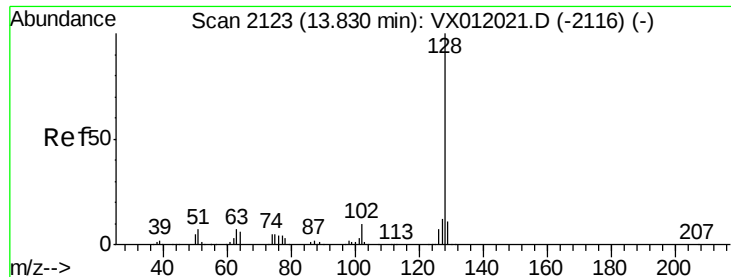
Tgt Ion:180 Resp: 47025
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.3 142.0
 145 34.4 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 22.153 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion:225 Resp: 23282
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 61.7 32.5 97.5

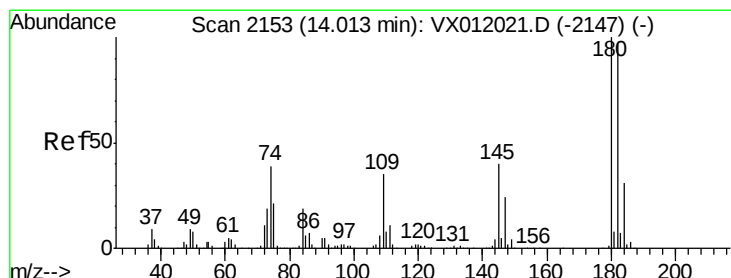
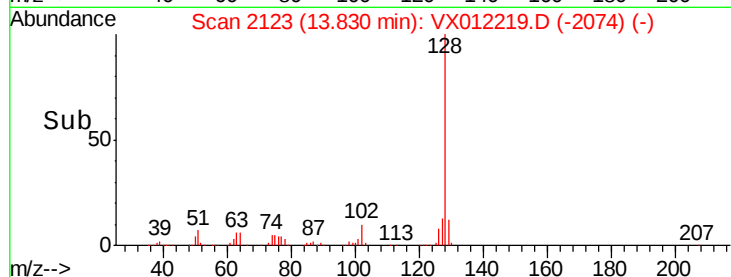
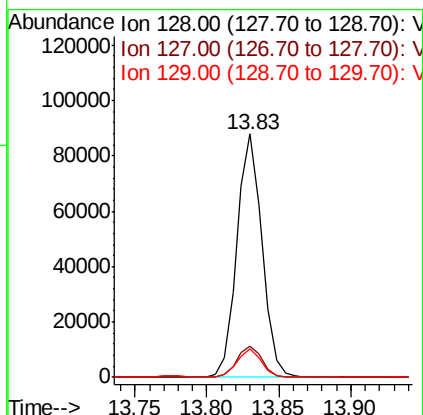
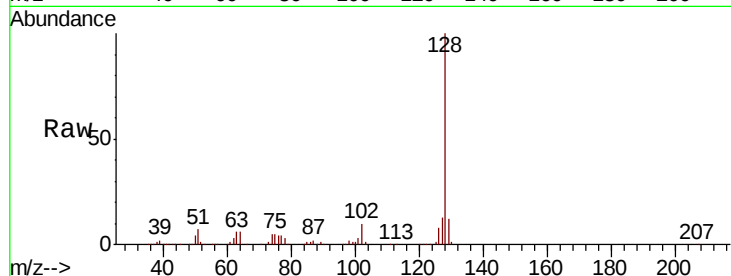




#95
Naphthalene
Concen: 23.670 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion:128 Resp: 106807
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.128 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:180 Resp: 42422
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.6
145 36.0 14.1 42.4

