

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012299.D
 Acq On : 11 Sep 2019 13:45
 Operator : SY/SP
 Sample : VX0911SBSD01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

Quant Time: Sep 12 05:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	218549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	95425	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
35) Dibromofluoromethane	5.48	113	74813	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	8.71	98	285299	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
62) 4-Bromofluorobenzene	11.14	95	121171	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22457	21.876	ug/l	95
3) Chloromethane	1.31	50	20893	22.579	ug/l	99
4) Vinyl Chloride	1.40	62	20412	22.248	ug/l	97
5) Bromomethane	1.62	94	9659	23.521	ug/l	97
6) Chloroethane	1.70	64	12599	20.536	ug/l	94
7) Trichlorofluoromethane	1.91	101	35443	21.345	ug/l	99
8) Diethyl Ether	2.17	74	12585	22.211	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25878	23.123	ug/l	98
10) Methyl Iodide	2.50	142	16358	15.358	ug/l	98
11) Tert butyl alcohol	3.03	59	29205	151.289	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	21176	22.288	ug/l	97
13) Acrolein	2.28	56	9499	102.364	ug/l	95
14) Allyl chloride	2.71	41	40950	21.140	ug/l	98
15) Acrylonitrile	3.13	53	37949	108.348	ug/l	100
16) Acetone	2.44	43	45298	107.792	ug/l	97
17) Carbon Disulfide	2.55	76	41922	21.012	ug/l	100
18) Methyl Acetate	2.76	43	19220	21.760	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	80168	21.366	ug/l	99
20) Methylene Chloride	2.84	84	29970	21.349	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	24492	21.607	ug/l	97
22) Diisopropyl ether	3.84	45	93455	21.096	ug/l	95
23) Vinyl Acetate	3.80	43	290779	106.983	ug/l	100
24) 1,1-Dichloroethane	3.68	63	50600	21.324	ug/l	99
25) 2-Butanone	4.66	43	58554	108.996	ug/l	93
26) 2,2-Dichloropropane	4.57	77	49317	22.137	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	31181	21.306	ug/l	98
28) Bromochloromethane	5.00	49	22792	20.480	ug/l	98
29) Tetrahydrofuran	5.11	42	32654	112.659	ug/l	98
30) Chloroform	5.20	83	56691	21.187	ug/l	93
31) Cyclohexane	5.56	56	35865	21.758	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	48511	21.114	ug/l	99
36) 1,1-Dichloropropene	5.78	75	35403	22.216	ug/l	98
37) Ethyl Acetate	4.83	43	21618	21.945	ug/l #	94
38) Carbon Tetrachloride	5.77	117	40510	21.667	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

Quant Time: Sep 12 05:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	38613	22.079	ug/l	98
40) Benzene	6.13	78	107340	22.255	ug/l	99
41) Methacrylonitrile	5.03	41	13547	22.307	ug/l	97
42) 1,2-Dichloroethane	6.18	62	42605	22.350	ug/l	100
43) Isopropyl Acetate	6.44	43	45021	21.677	ug/l	99
44) Trichloroethene	7.20	130	29057	22.261	ug/l	100
45) 1,2-Dichloropropane	7.51	63	29307	21.952	ug/l	95
46) Dibromomethane	7.65	93	16342	22.397	ug/l	98
47) Bromodichloromethane	7.89	83	41002	20.592	ug/l	97
48) Methyl methacrylate	7.76	41	21086	21.211	ug/l	98
49) 1,4-Dioxane	7.73	88	5938	442.657	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	119325	108.860	ug/l	100
52) Toluene	8.78	92	69716	21.884	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	40938	20.599	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	47056	21.352	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	24979	22.097	ug/l	97
56) Ethyl methacrylate	9.17	69	32658	21.338	ug/l	99
57) 1,3-Dichloropropane	9.37	76	42941	22.242	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	88692	113.063	ug/l	100
59) 2-Hexanone	9.49	43	85103	111.662	ug/l	99
60) Dibromochloromethane	9.57	129	27428	20.784	ug/l	98
61) 1,2-Dibromoethane	9.67	107	23329	22.171	ug/l	98
64) Tetrachloroethene	9.33	164	23767	22.155	ug/l	98
65) Chlorobenzene	10.14	112	80840	21.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	29791	21.323	ug/l	99
67) Ethyl Benzene	10.25	91	144649	21.944	ug/l	97
68) m/p-Xylenes	10.36	106	106769	44.000	ug/l	99
69) o-Xylene	10.70	106	51214	21.545	ug/l	98
70) Styrene	10.71	104	91392	21.679	ug/l	99
71) Bromoform	10.85	173	14657	20.231	ug/l #	98
73) Isopropylbenzene	11.01	105	144075	21.068	ug/l	99
74) N-amyl acetate	10.89	43	41993	20.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	31797	21.650	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	32950	24.692	ug/l	91
77) Bromobenzene	11.25	156	34295	21.782	ug/l	98
78) n-propylbenzene	11.35	91	172512	20.890	ug/l	99
79) 2-Chlorotoluene	11.42	91	107783	21.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	129247	21.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8262	18.551	ug/l	91
82) 4-Chlorotoluene	11.51	91	131135	21.327	ug/l	100
83) tert-Butylbenzene	11.76	119	127677	21.381	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	132416	20.829	ug/l	98
85) sec-Butylbenzene	11.94	105	151966	21.328	ug/l	99
86) p-Isopropyltoluene	12.06	119	139369	21.170	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	69029	21.523	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	69741	21.504	ug/l	98
89) n-Butylbenzene	12.39	91	135136	20.943	ug/l	100
90) Hexachloroethane	12.59	117	24302	20.041	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	62104	20.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6157	20.539	ug/l	99

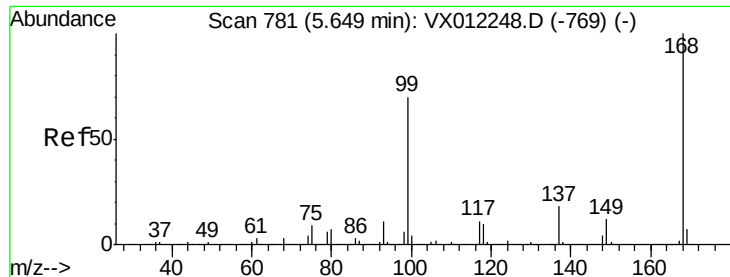
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012299.D
Acq On : 11 Sep 2019 13:45
Operator : SY/SP
Sample : VX0911SBSD01
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Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

Quant Time: Sep 12 05:38:26 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41954	20.477	ug/l	98
94) Hexachlorobutadiene	13.78	225	21348	20.944	ug/l	97
95) Naphthalene	13.83	128	91557	20.823	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	38802	21.404	ug/l	98

(#) = 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: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

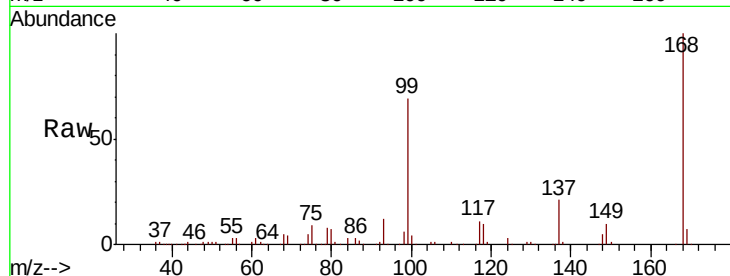
VX0911SBSD01

Tgt Ion:168 Resp: 125560

Ion Ratio Lower Upper

168 100

99 68.4 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

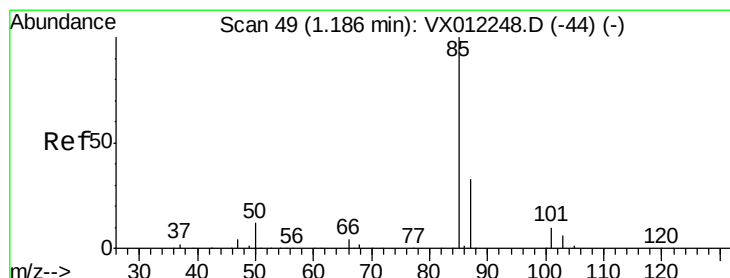
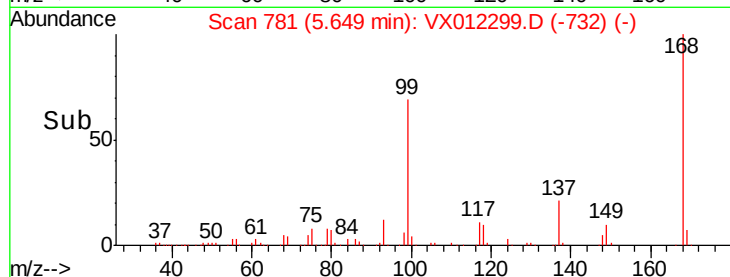
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.876 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012299.D

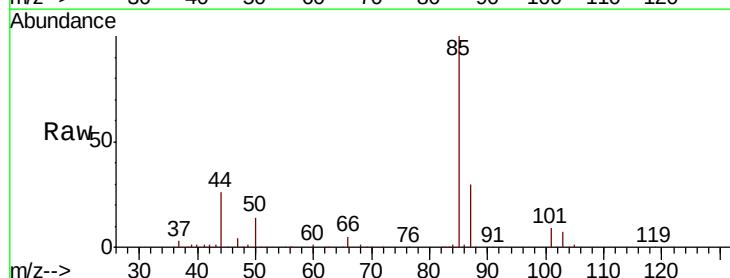
Acq: 11 Sep 2019 13:45

Tgt Ion: 85 Resp: 22457

Ion Ratio Lower Upper

85 100

87 30.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

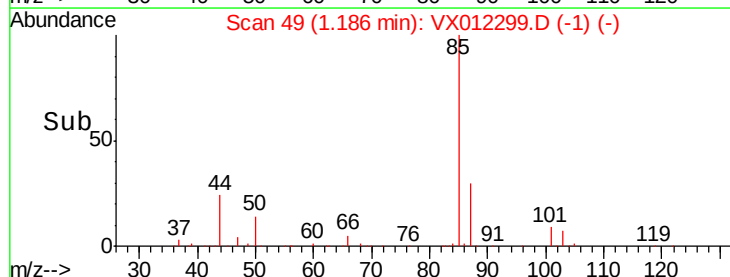
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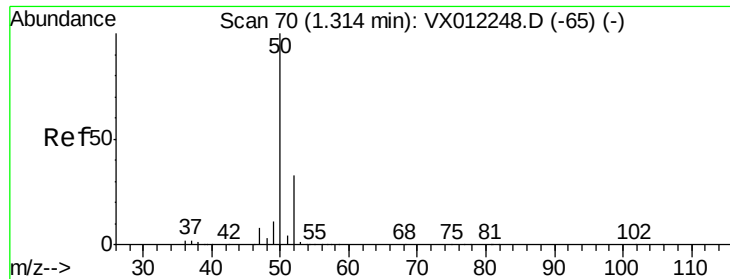
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 22.579 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

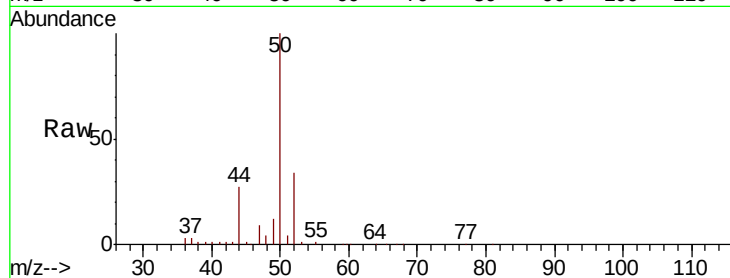
VX0911SBS01

Tgt Ion: 50 Resp: 20893

Ion Ratio Lower Upper

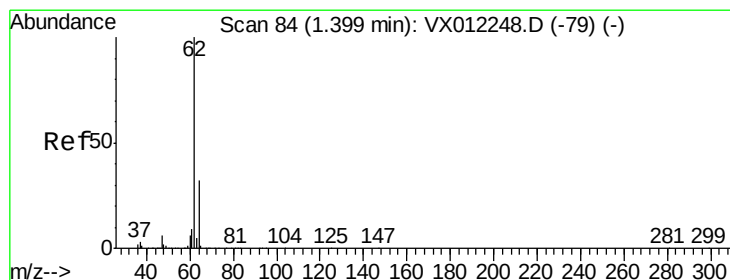
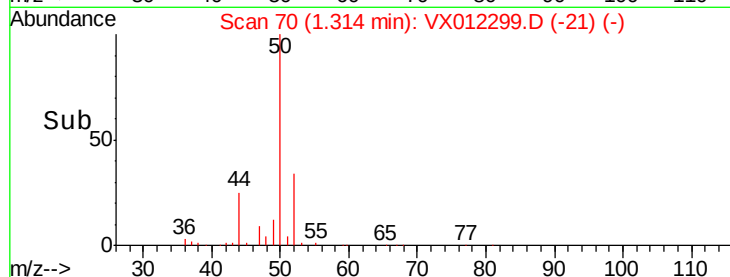
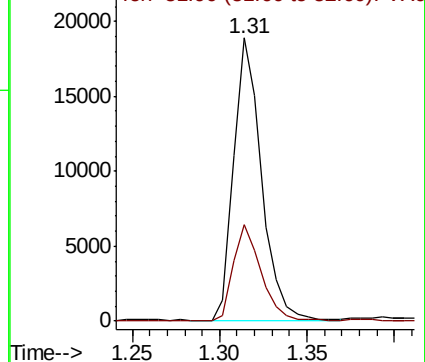
50 100

52 34.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.248 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012299.D

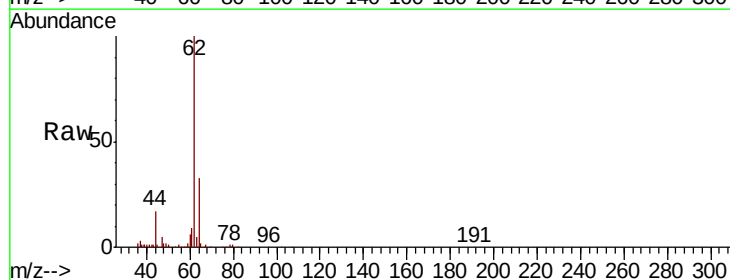
Acq: 11 Sep 2019 13:45

Tgt Ion: 62 Resp: 20412

Ion Ratio Lower Upper

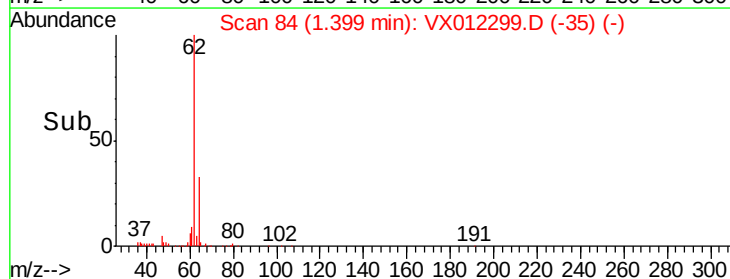
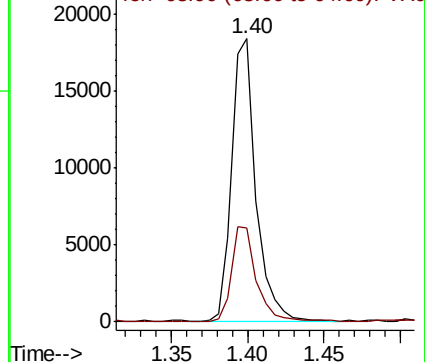
62 100

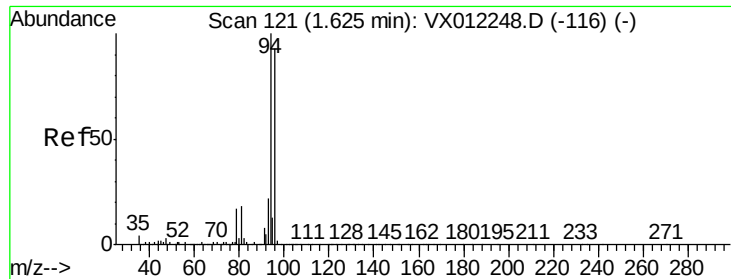
64 33.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.521 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

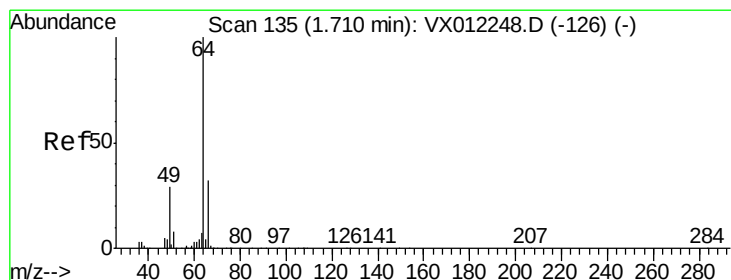
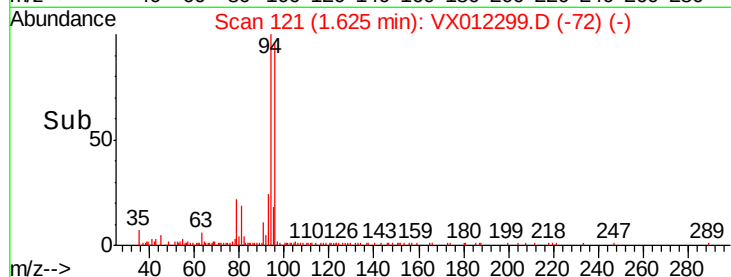
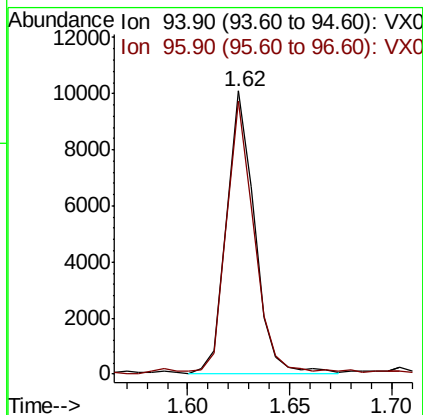
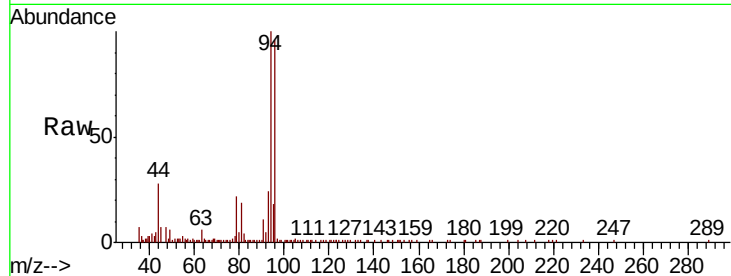
VX0911SBS01

Tgt Ion: 94 Resp: 9659

Ion Ratio Lower Upper

94 100

96 95.3 74.0 111.0



#6

Chloroethane

Concen: 20.536 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012299.D

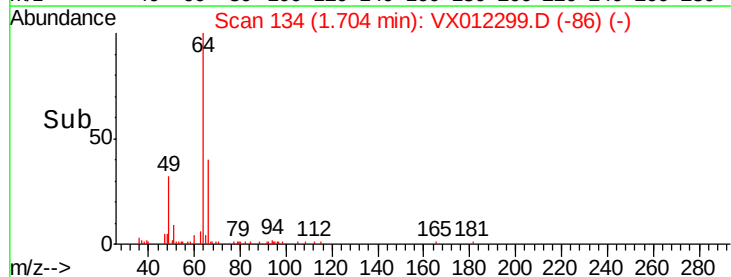
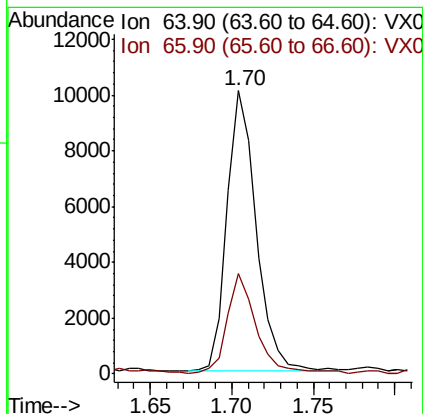
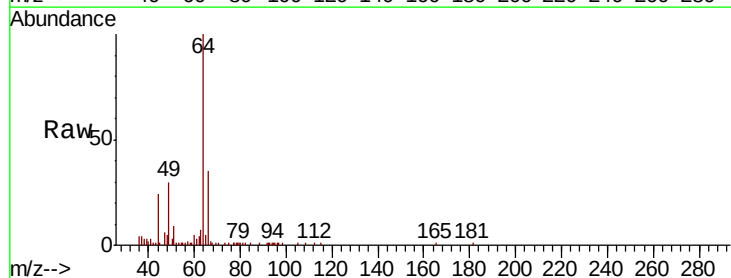
Acq: 11 Sep 2019 13:45

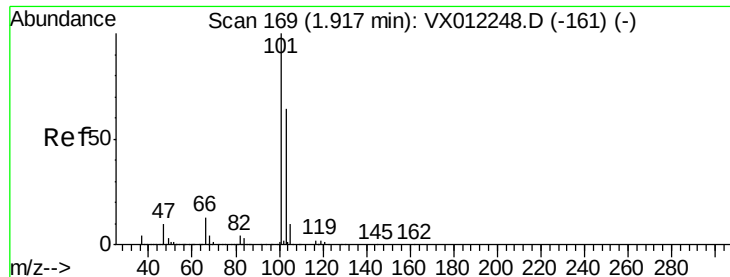
Tgt Ion: 64 Resp: 12599

Ion Ratio Lower Upper

64 100

66 35.7 25.8 38.6



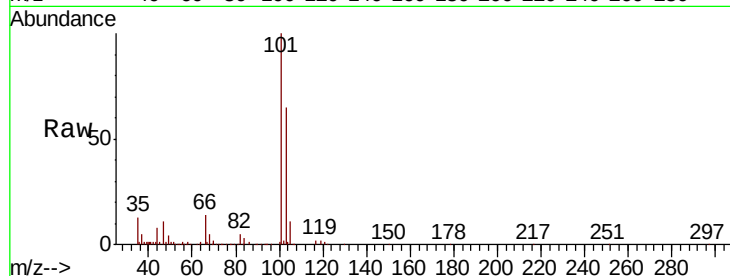


#7

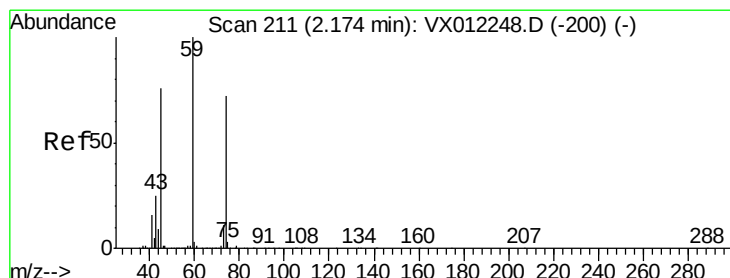
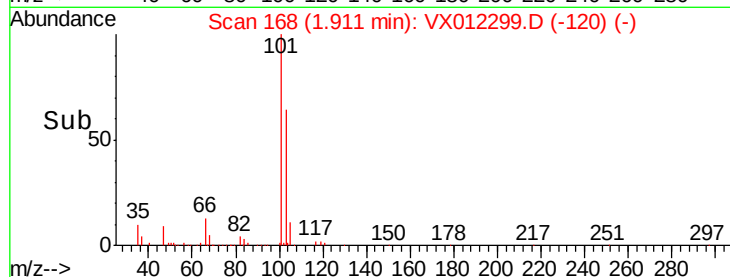
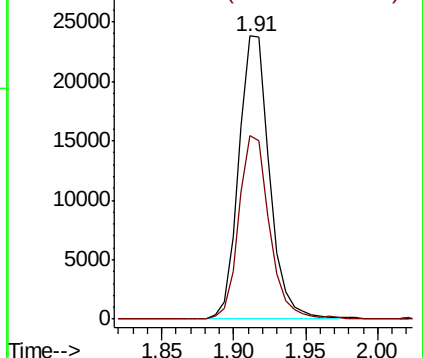
Trichlorofluoromethane
 Concen: 21.345 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

Tgt Ion:101 Resp: 35443
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2



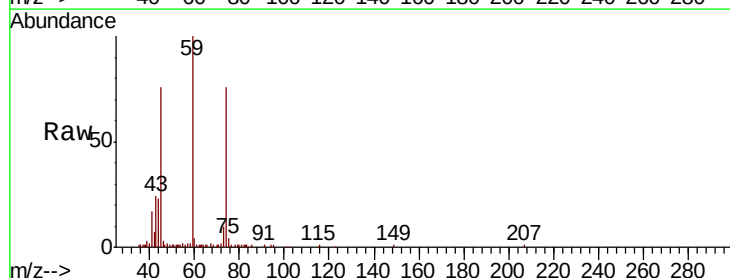
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



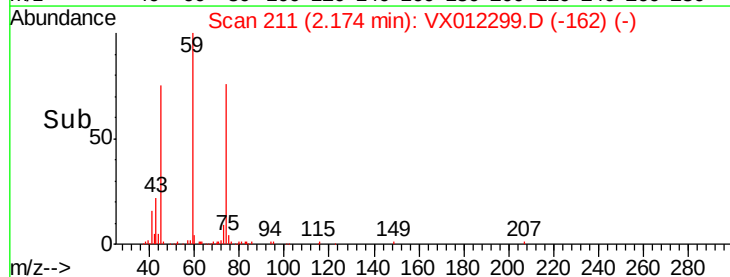
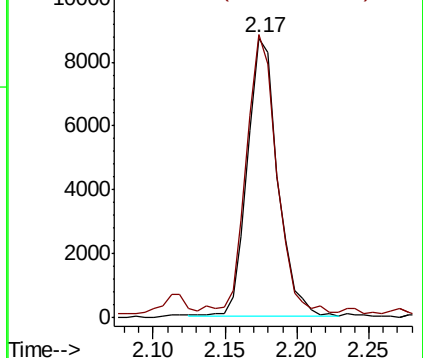
#8

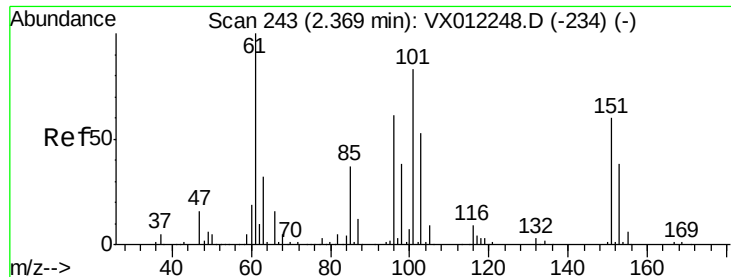
Diethyl Ether
 Concen: 22.211 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 74 Resp: 12585
 Ion Ratio Lower Upper
 74 100
 45 100.2 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.123 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

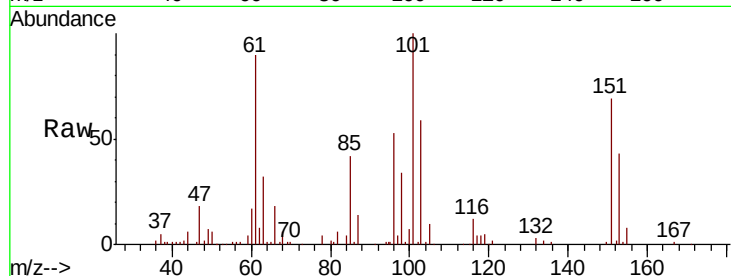
Tgt Ion:101 Resp: 25878

Ion Ratio Lower Upper

101 100

85 44.2 37.0 55.6

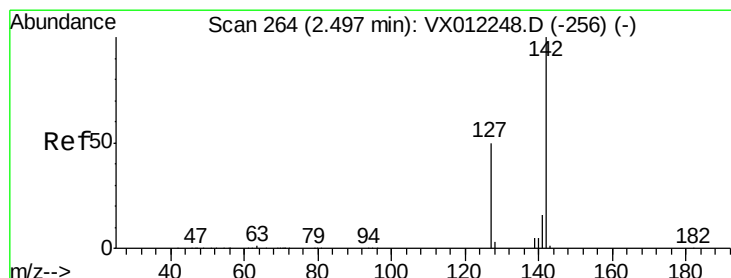
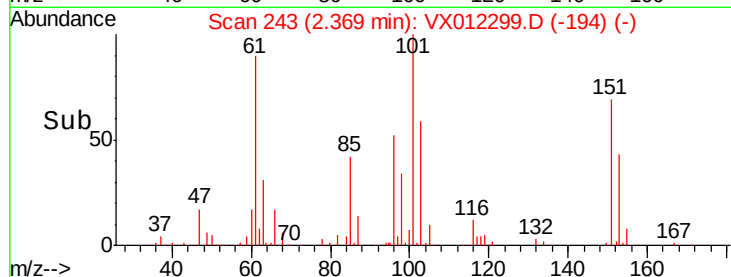
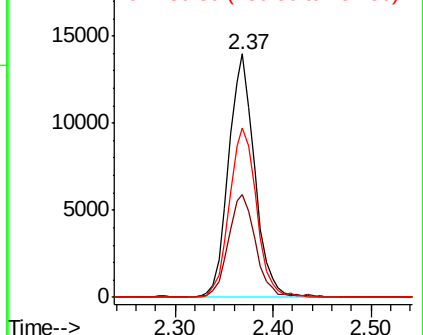
151 72.1 58.6 87.8



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: 15.358 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

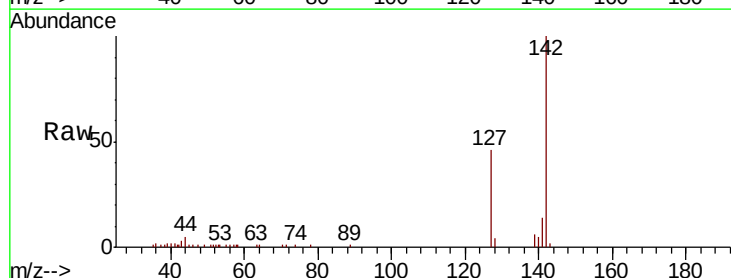
Tgt Ion:142 Resp: 16358

Ion Ratio Lower Upper

142 100

127 49.0 40.6 61.0

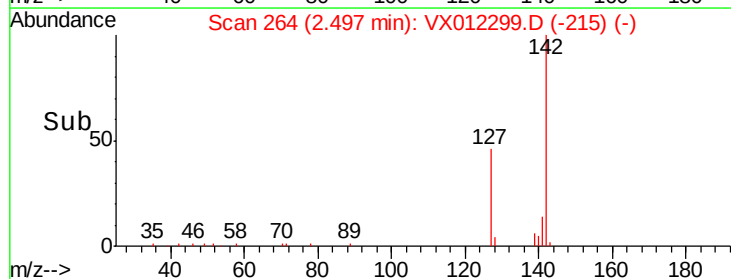
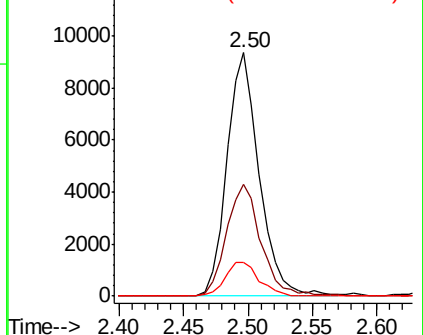
141 14.5 12.0 18.0

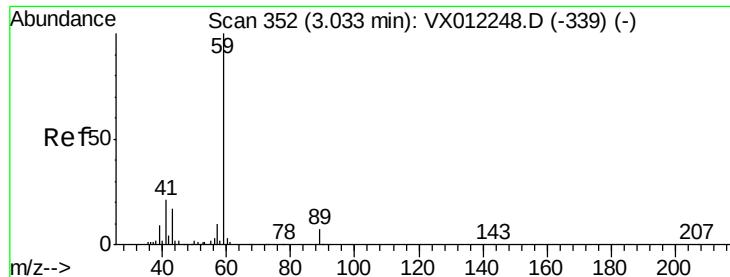


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

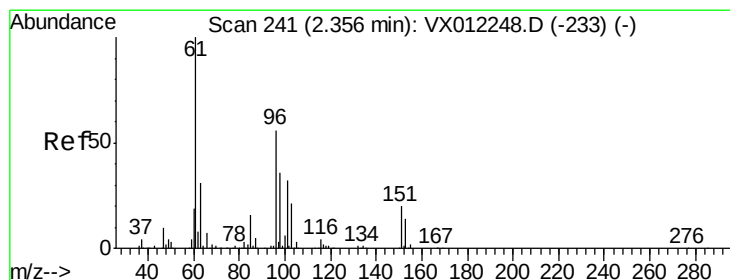
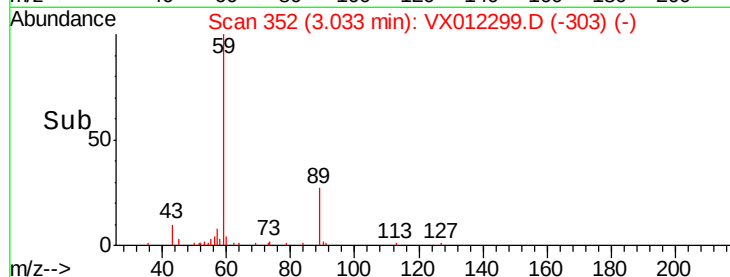
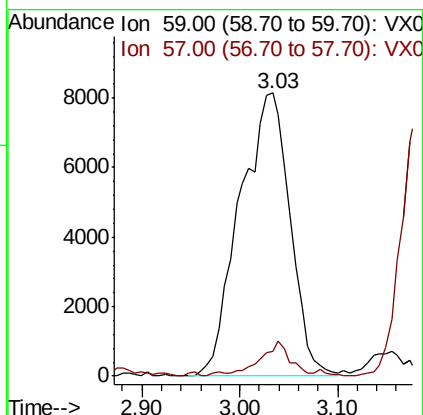
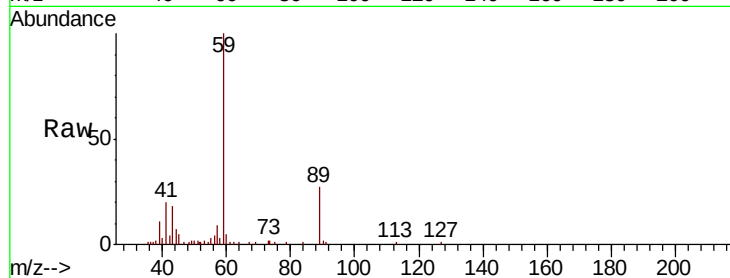




#11
Tert butyl alcohol
Concen: 151.289 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

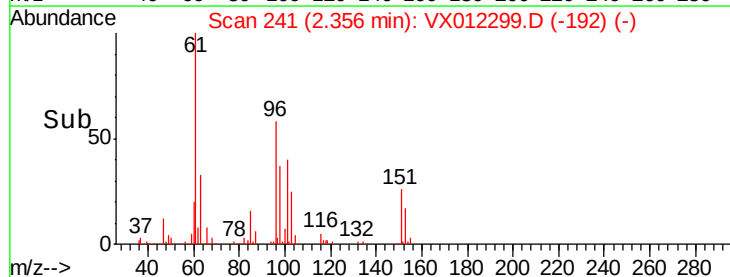
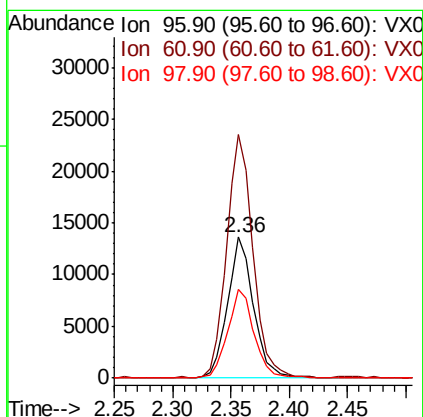
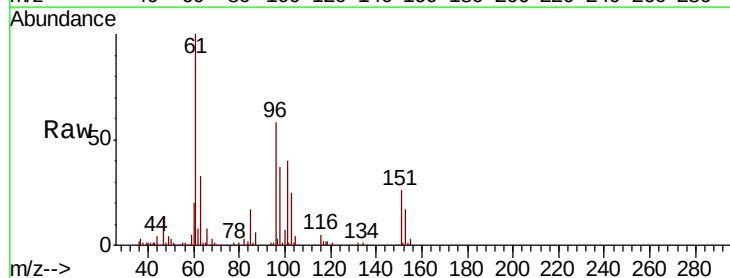
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

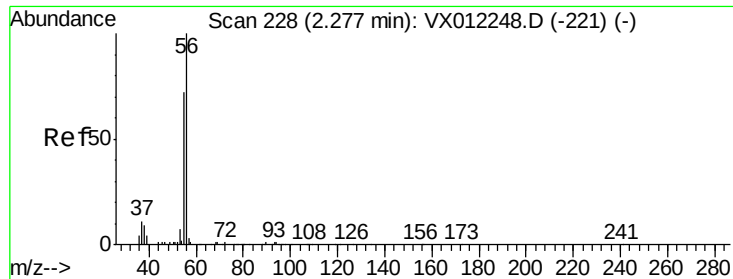
Tgt Ion: 59 Resp: 29205
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 22.288 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion: 96 Resp: 21176
Ion Ratio Lower Upper
96 100
61 172.2 142.2 213.2
98 63.1 51.3 76.9





#13

Acrolein

Concen: 102.364 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

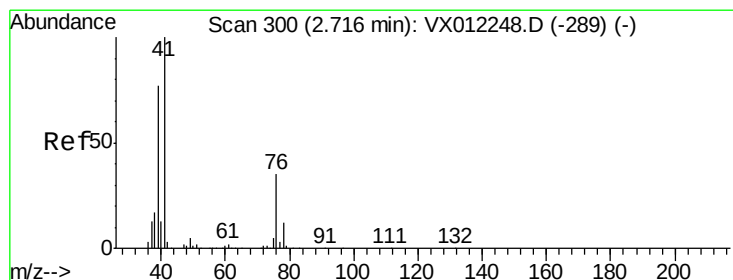
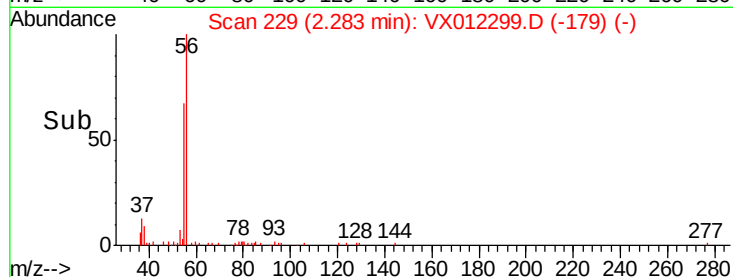
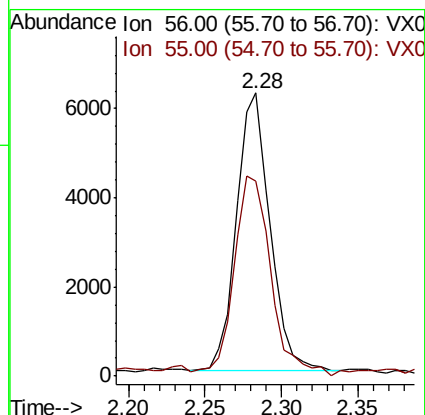
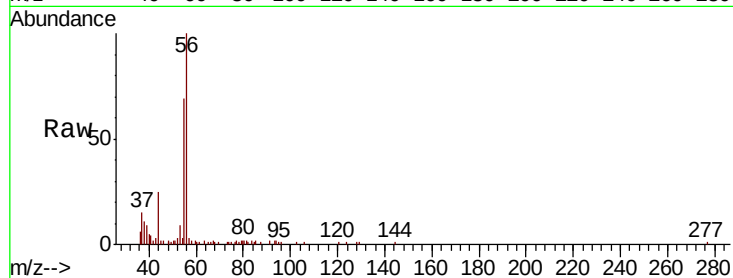
VX0911SBS01

Tgt Ion: 56 Resp: 9499

Ion Ratio Lower Upper

56 100

55 79.3 59.8 89.6



#14

Allyl chloride

Concen: 21.140 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

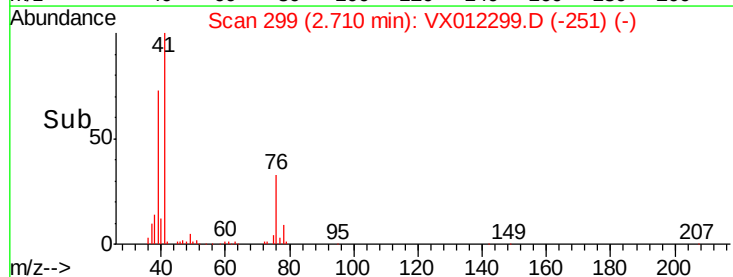
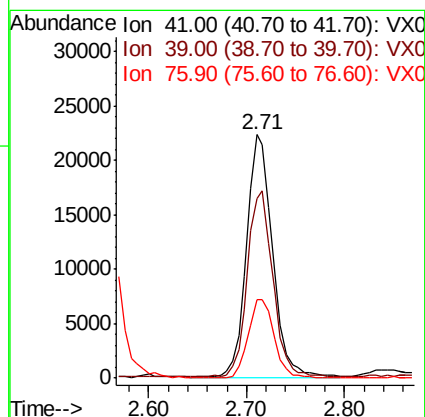
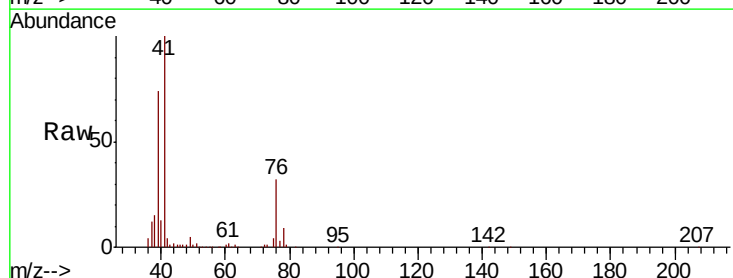
Tgt Ion: 41 Resp: 40950

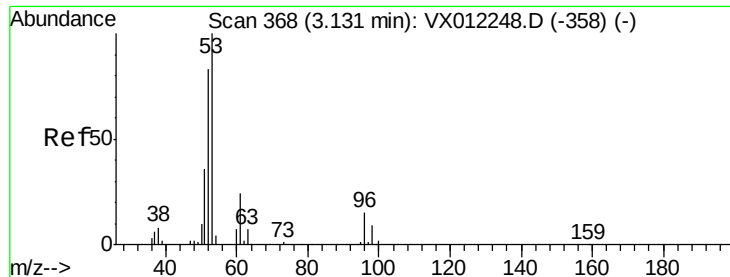
Ion Ratio Lower Upper

41 100

39 75.4 58.6 87.8

76 32.5 26.3 39.5





#15

Acrylonitrile

Concen: 108.348 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

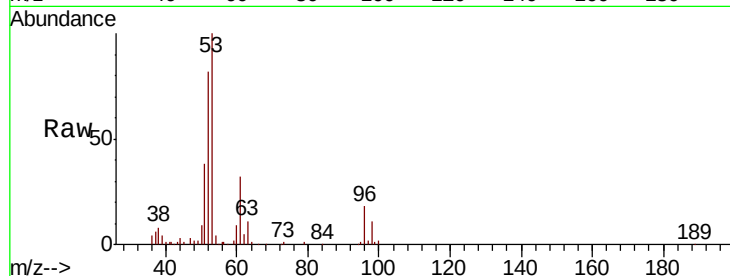
Tgt Ion: 53 Resp: 37949

Ion Ratio Lower Upper

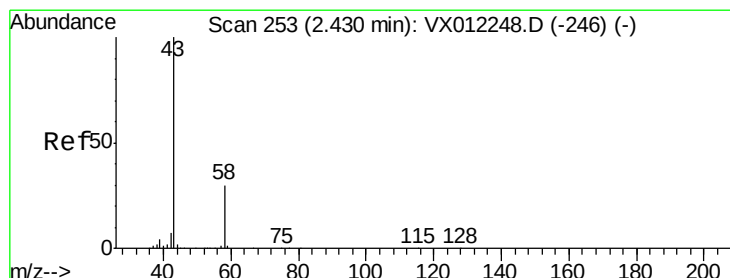
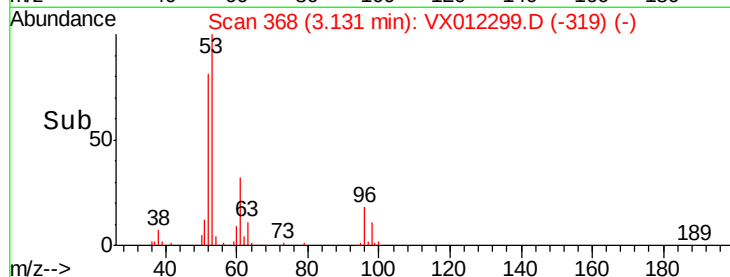
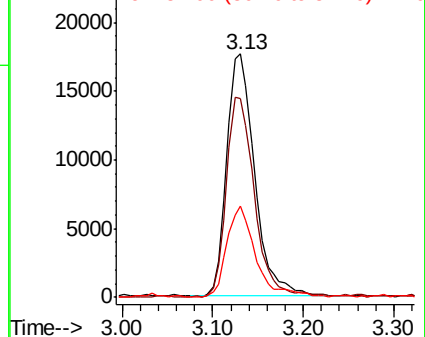
53 100

52 83.6 66.8 100.2

51 37.8 30.7 46.1



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: 107.792 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012299.D

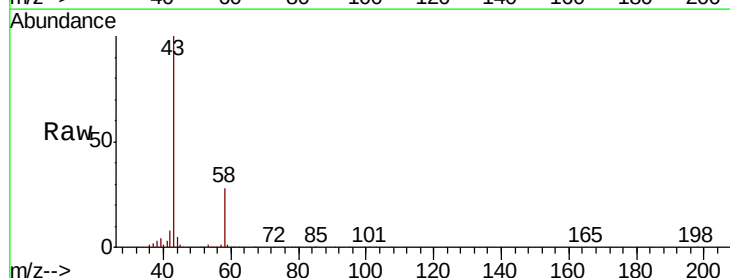
Acq: 11 Sep 2019 13:45

Tgt Ion: 43 Resp: 45298

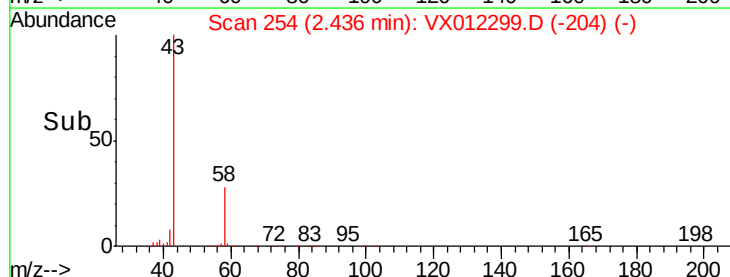
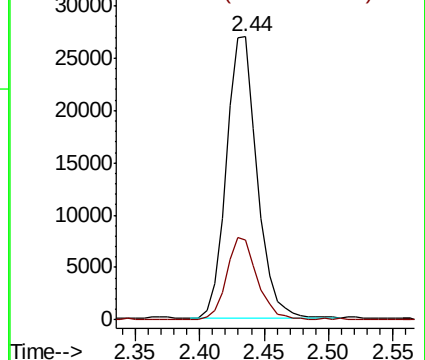
Ion Ratio Lower Upper

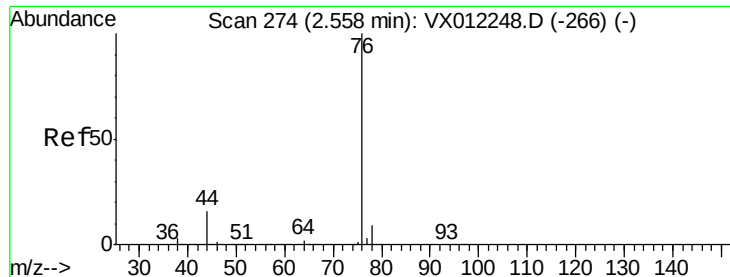
43 100

58 28.0 23.6 35.4



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





#17

Carbon Disulfide

Concen: 21.012 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

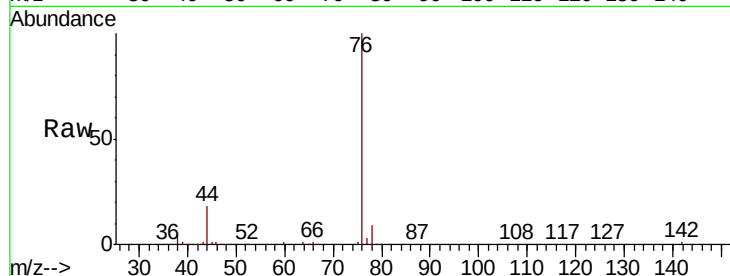
VX0911SBSD01

Tgt Ion: 76 Resp: 41922

Ion Ratio Lower Upper

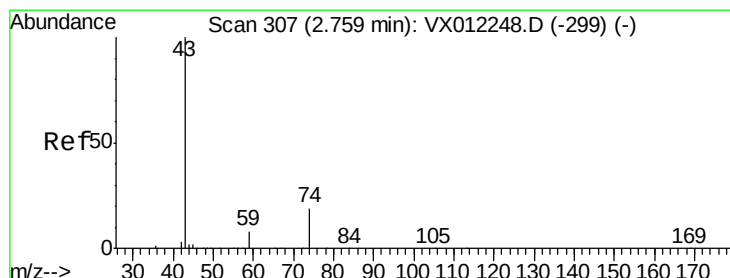
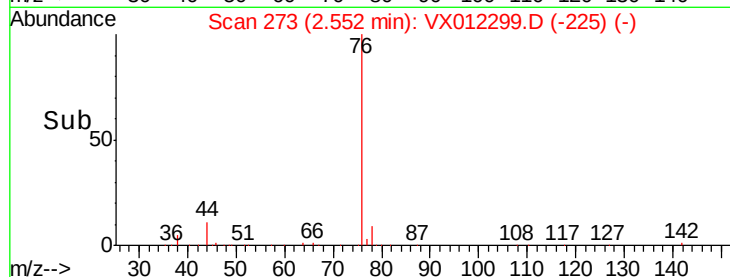
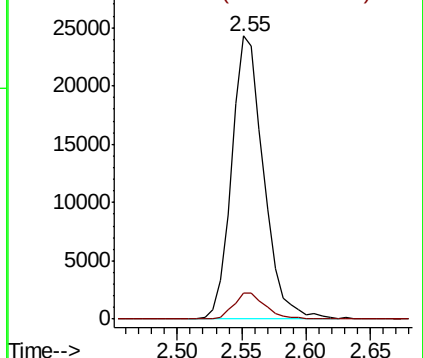
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.760 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX012299.D

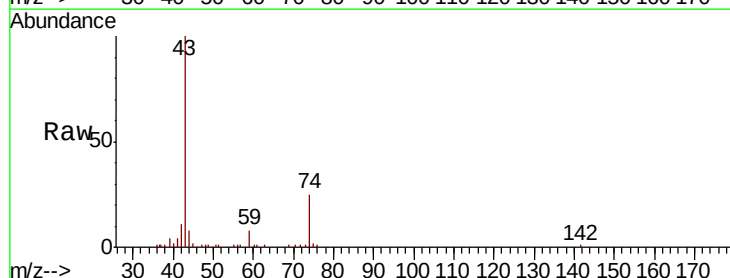
Acq: 11 Sep 2019 13:45

Tgt Ion: 43 Resp: 19220

Ion Ratio Lower Upper

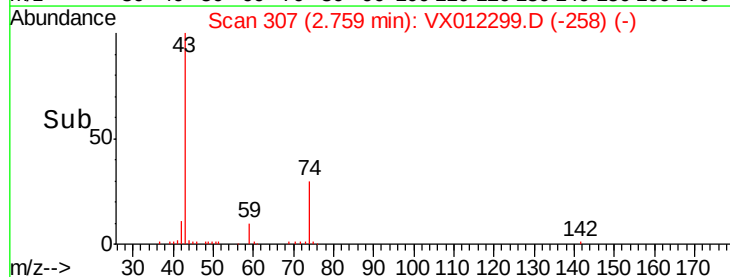
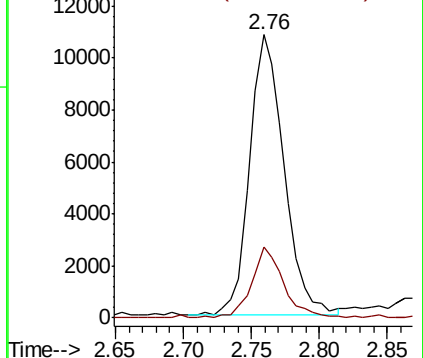
43 100

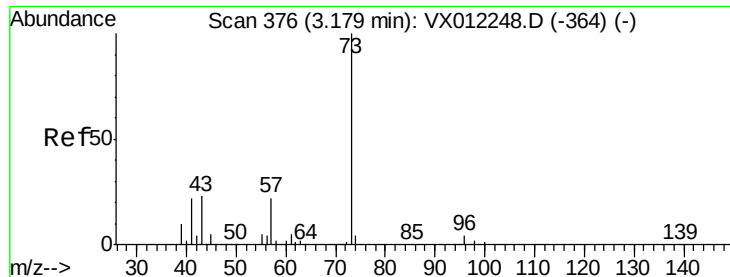
74 23.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



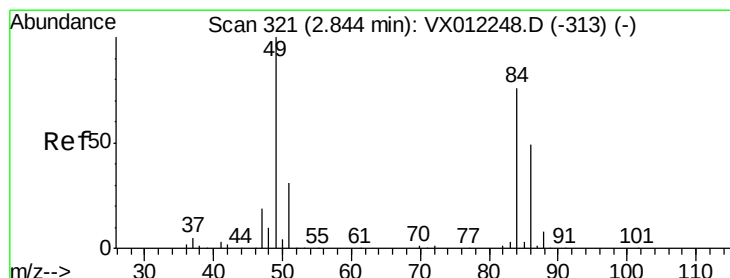
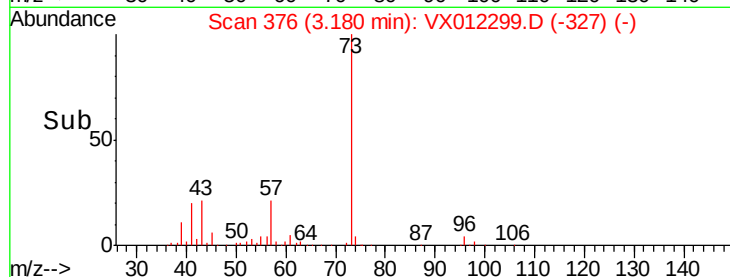
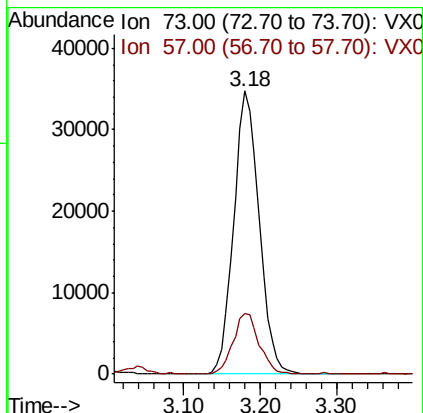
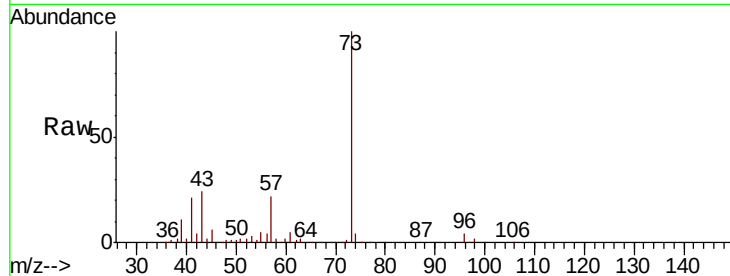


#19

Methyl tert-butyl Ether
 Concen: 21.366 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

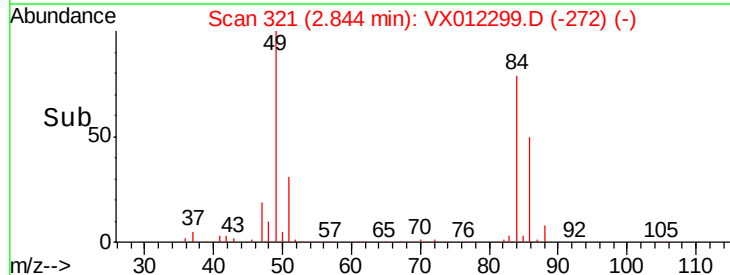
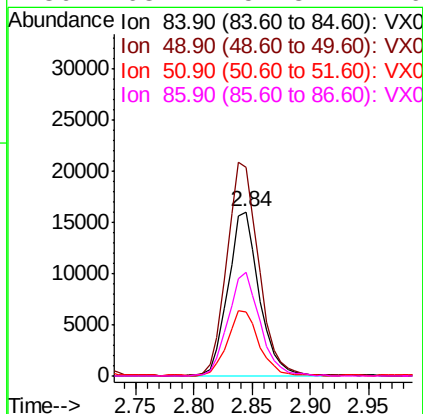
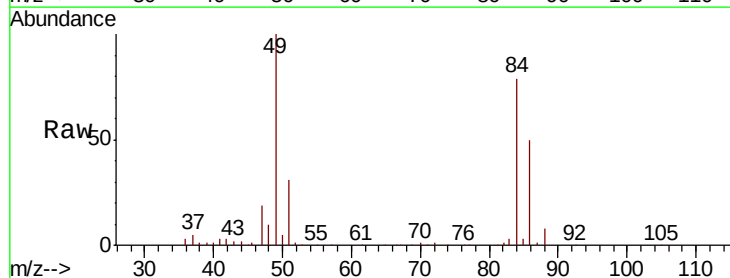
Tgt Ion: 73 Resp: 80168
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

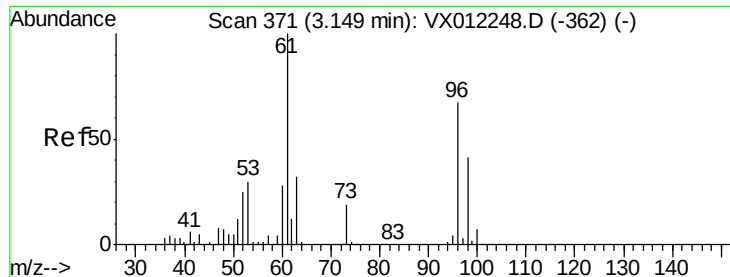


#20

Methylene Chloride
 Concen: 21.349 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 84 Resp: 29970
 Ion Ratio Lower Upper
 84 100
 49 126.1 105.0 157.6
 51 38.6 32.6 48.8
 86 63.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 21.607 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

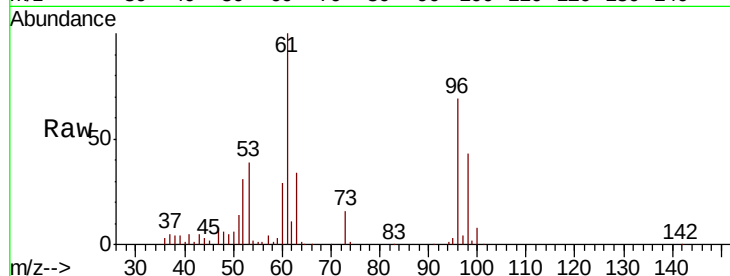
Tgt Ion: 96 Resp: 24492

Ion Ratio Lower Upper

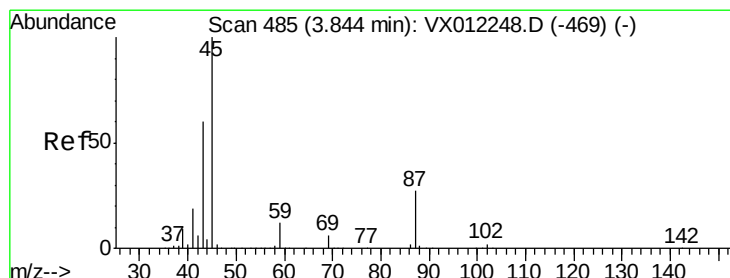
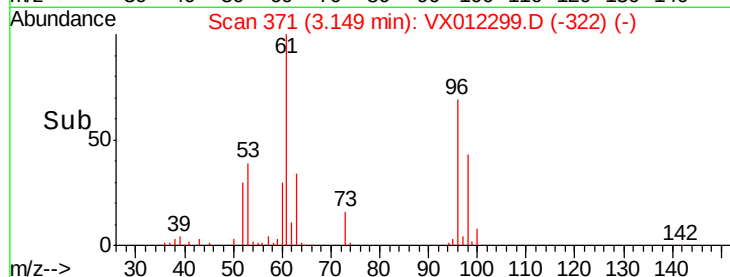
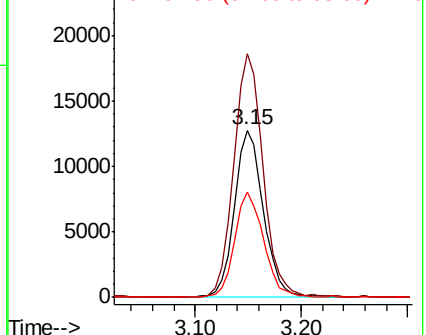
96 100

61 145.7 119.4 179.2

98 63.1 48.4 72.6



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: 21.096 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Tgt Ion: 45 Resp: 93455

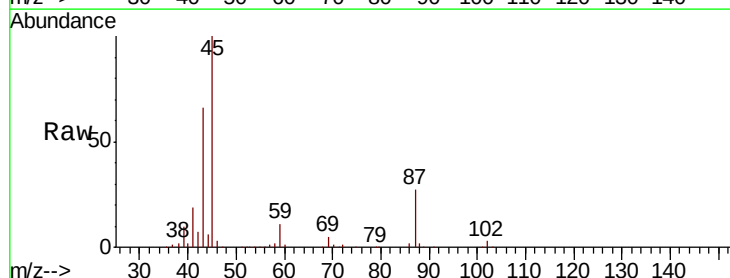
Ion Ratio Lower Upper

45 100

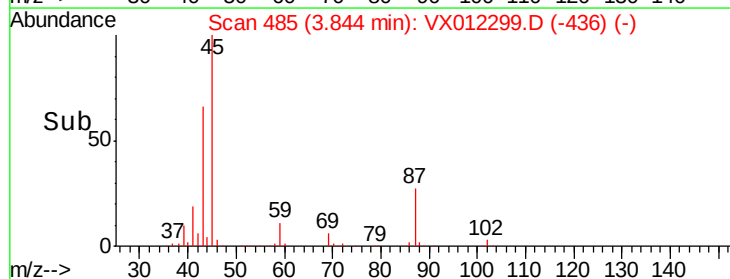
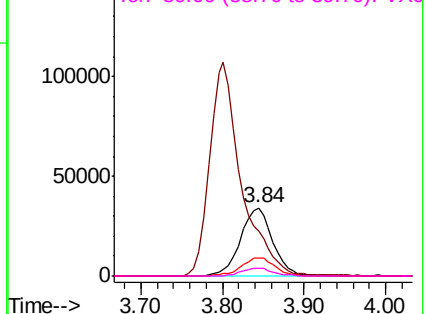
43 65.5 48.3 72.5

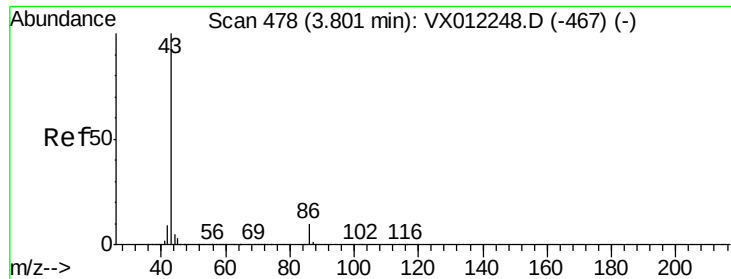
87 26.9 21.8 32.8

59 10.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

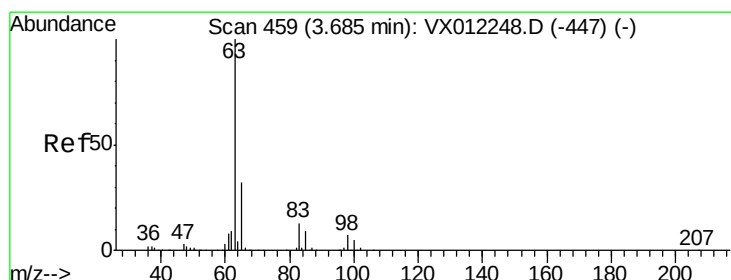
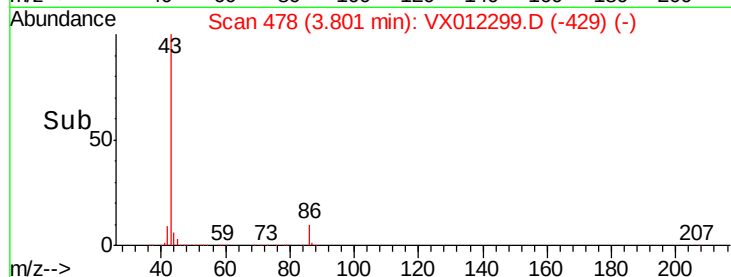
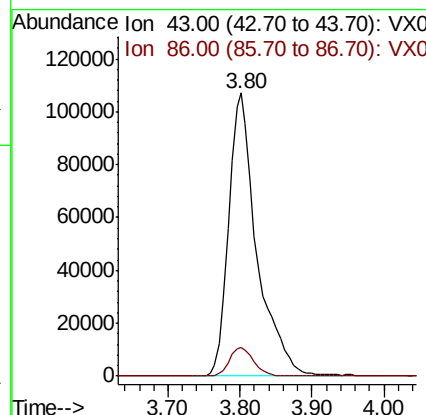
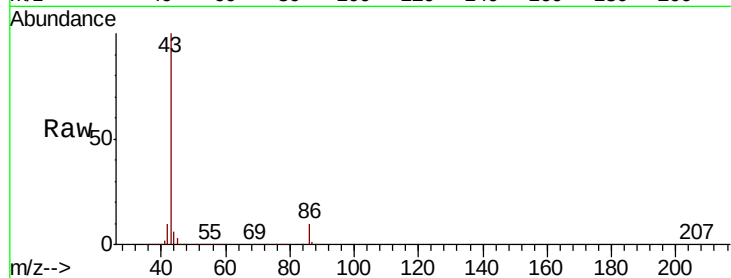




#23
 Vinyl Acetate
 Concen: 106.983 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

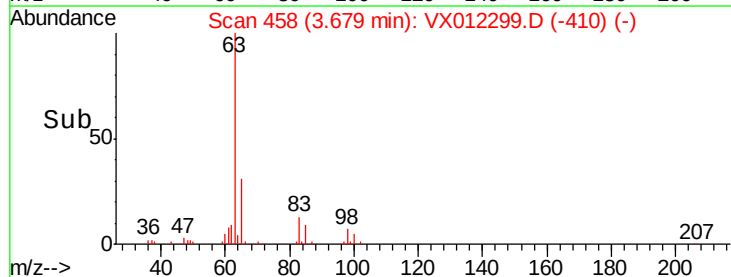
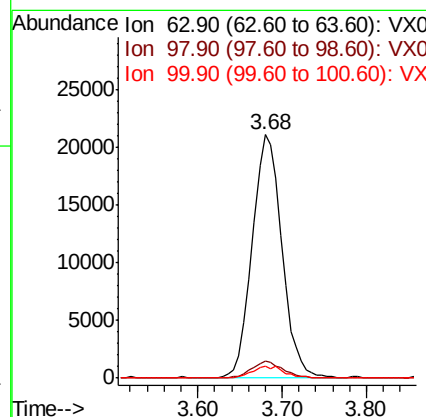
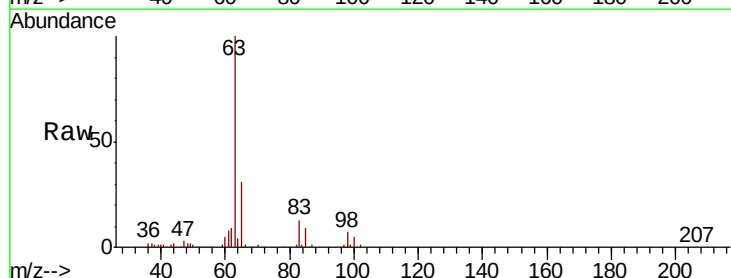
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

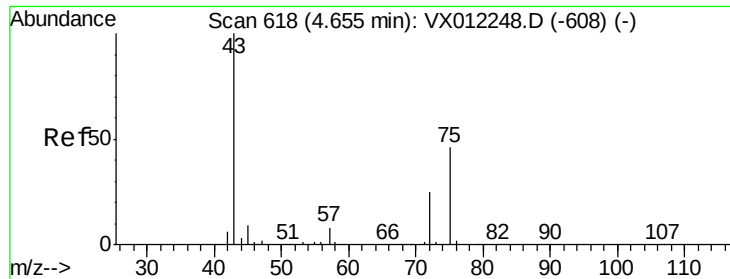
Tgt Ion: 43 Resp: 290779
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 21.324 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 63 Resp: 50600
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 108.996 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

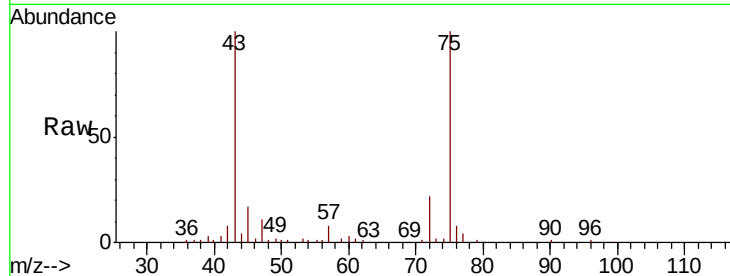
VX0911SBSD01

Tgt Ion: 43 Resp: 58554

Ion Ratio Lower Upper

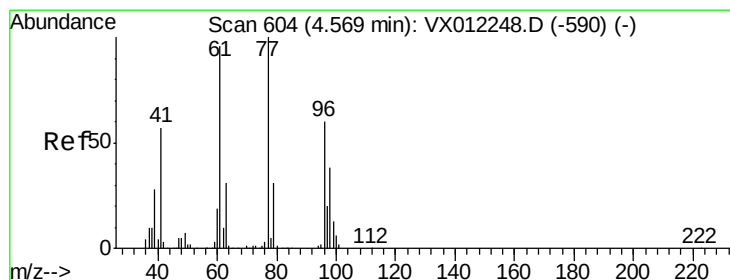
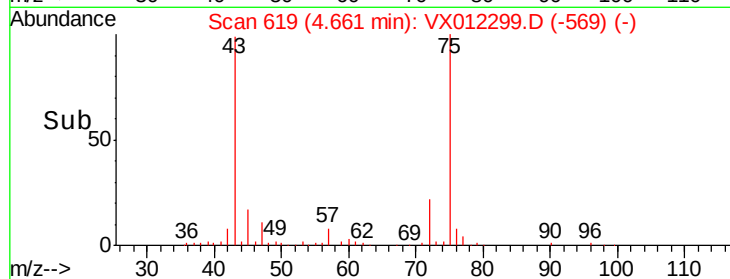
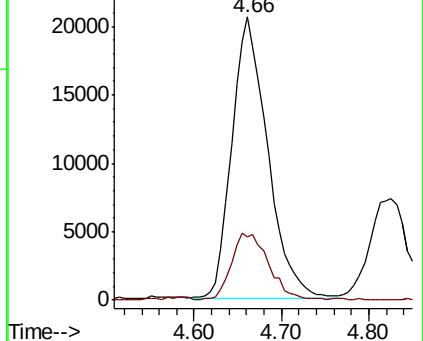
43 100

72 21.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.137 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012299.D

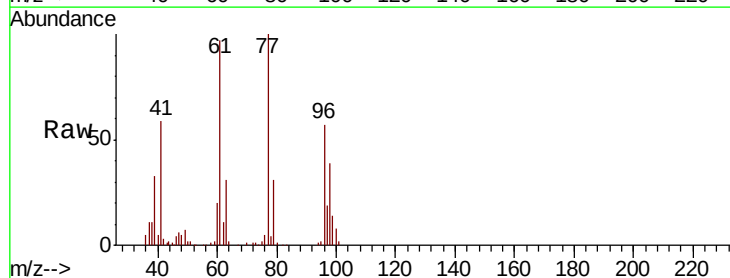
Acq: 11 Sep 2019 13:45

Tgt Ion: 77 Resp: 49317

Ion Ratio Lower Upper

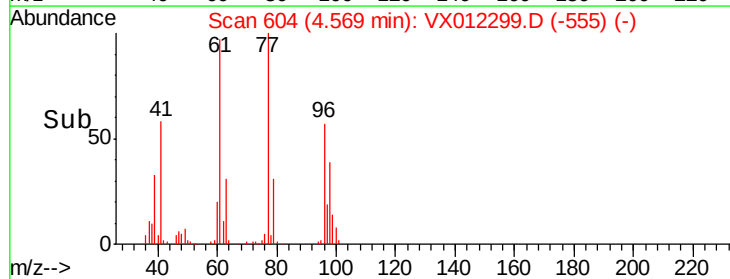
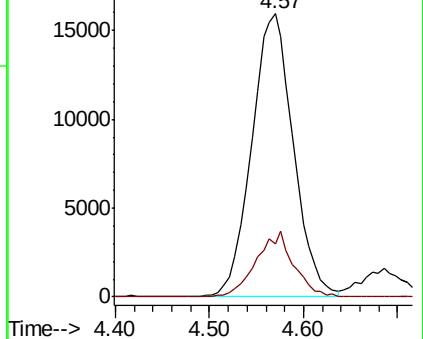
77 100

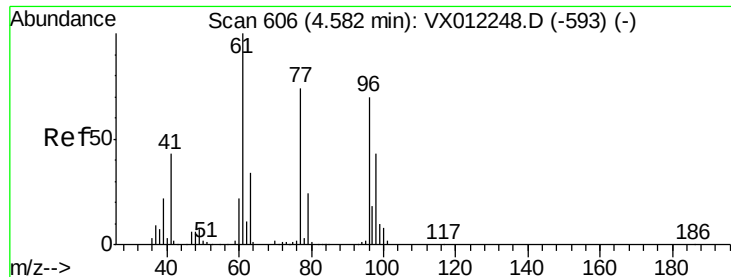
97 20.7 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



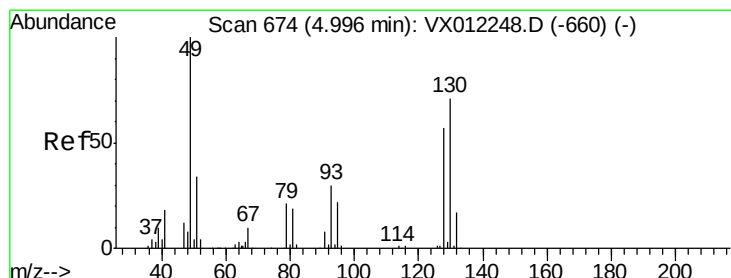
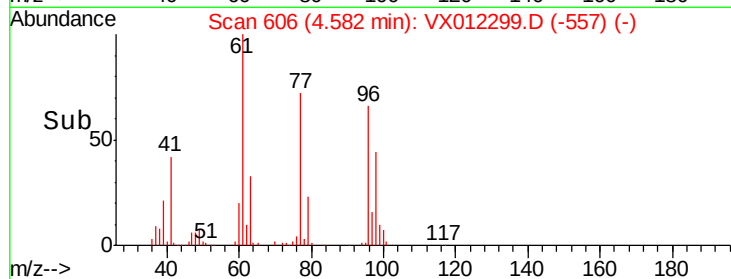
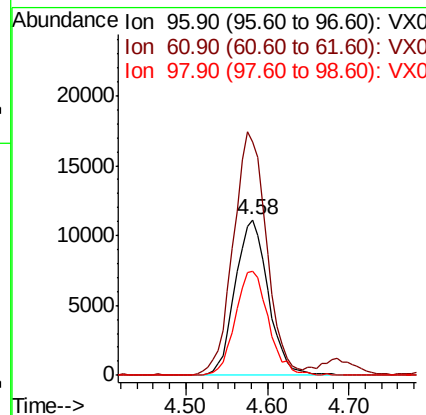
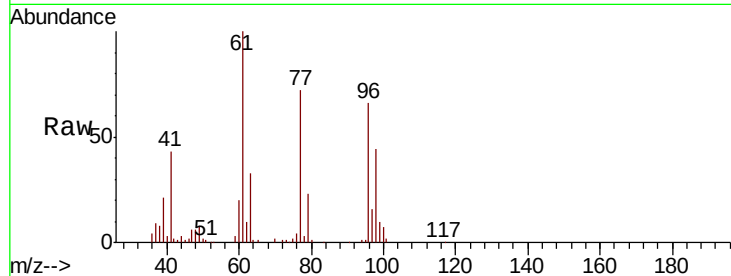


#27

cis-1,2-Dichloroethene
 Concen: 21.306 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

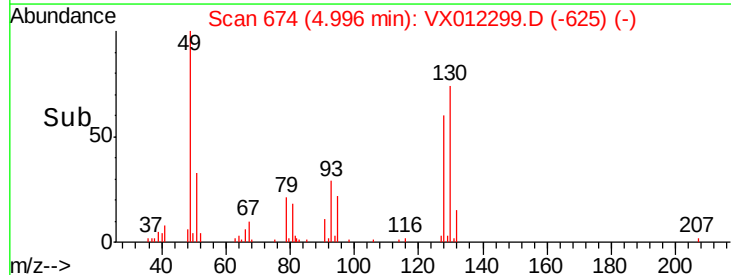
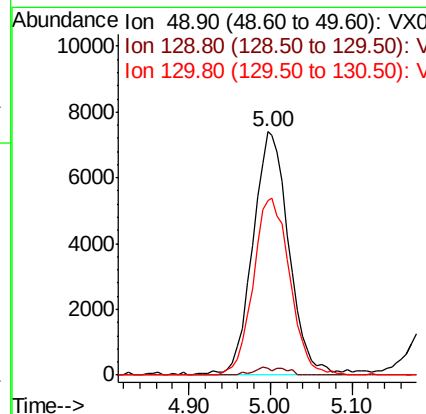
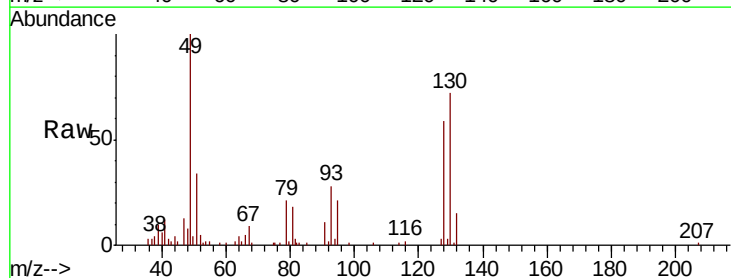
Tgt Ion: 96 Resp: 31181
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 310.4
 98 67.4 0.0 128.8

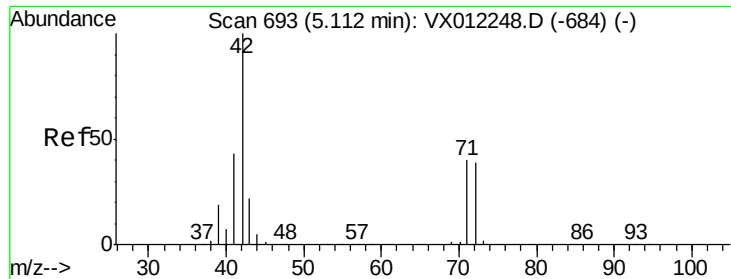


#28

Bromochloromethane
 Concen: 20.480 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 49 Resp: 22792
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 5.2
 130 73.5 60.1 90.1

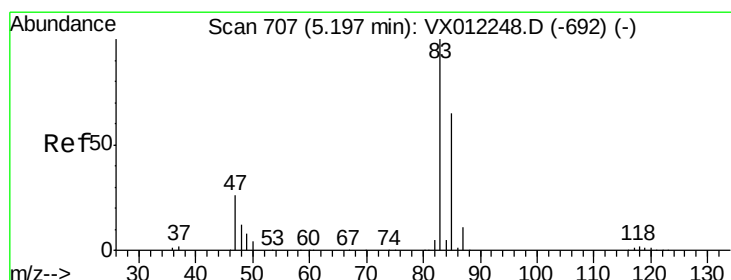
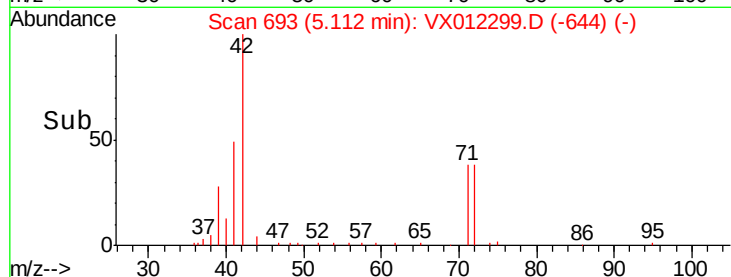
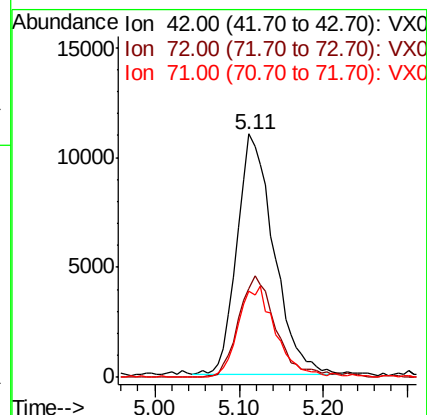
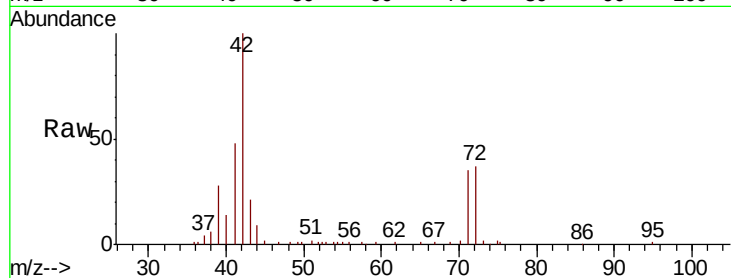




#29
Tetrahydrofuran
Concen: 112.659 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

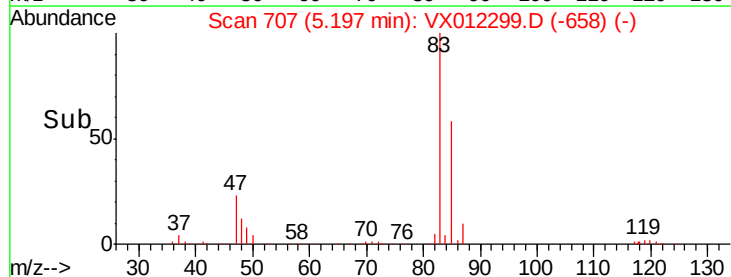
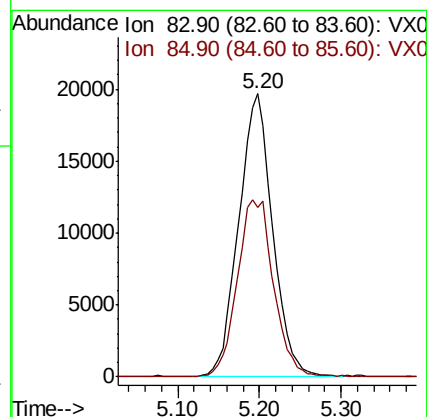
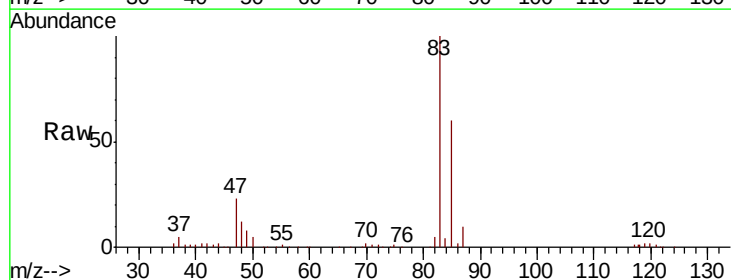
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

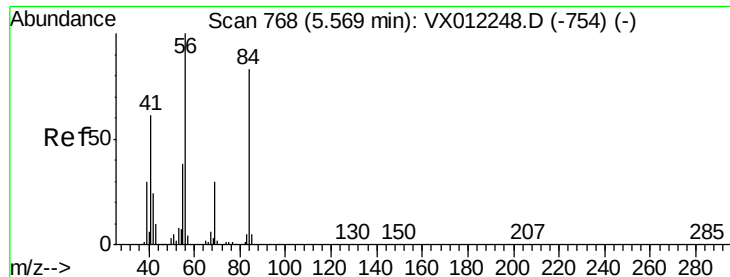
Tgt Ion: 42 Resp: 32654
Ion Ratio Lower Upper
42 100
72 43.5 35.2 52.8
71 38.2 32.5 48.7



#30
Chloroform
Concen: 21.187 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion: 83 Resp: 56691
Ion Ratio Lower Upper
83 100
85 59.7 52.3 78.5

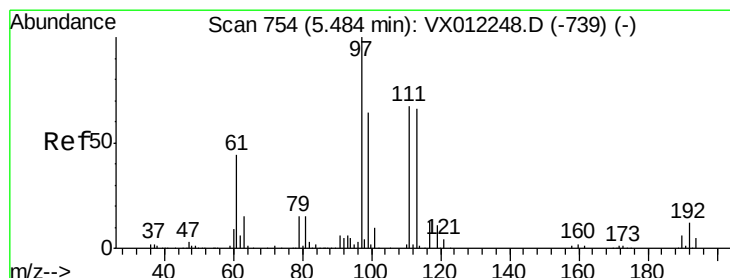
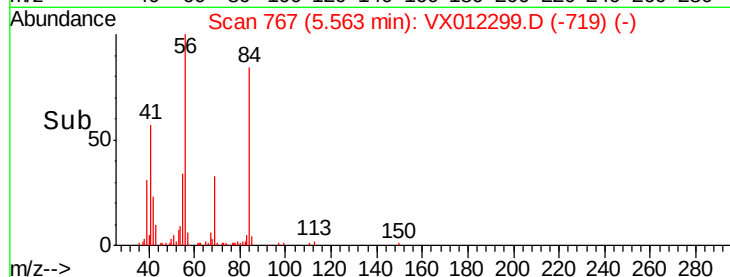
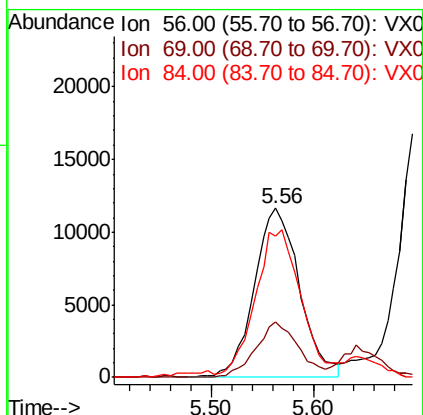
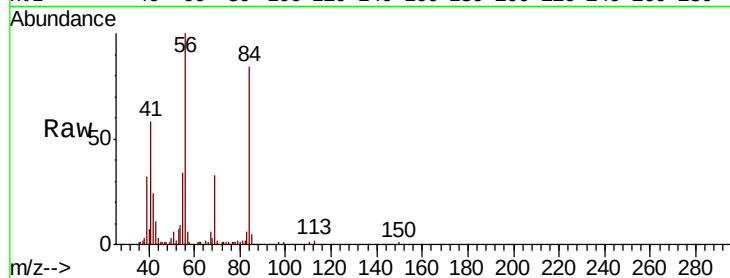




#31
Cyclohexane
Concen: 21.758 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

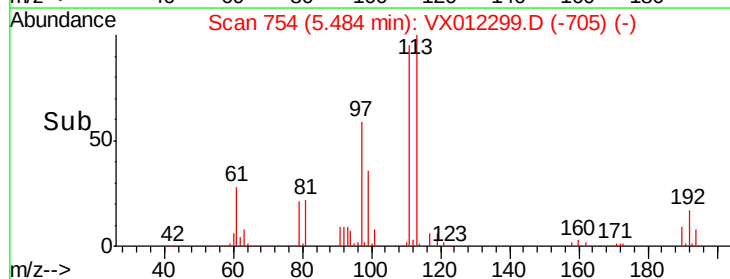
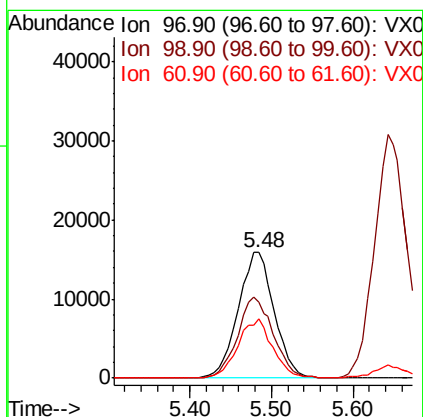
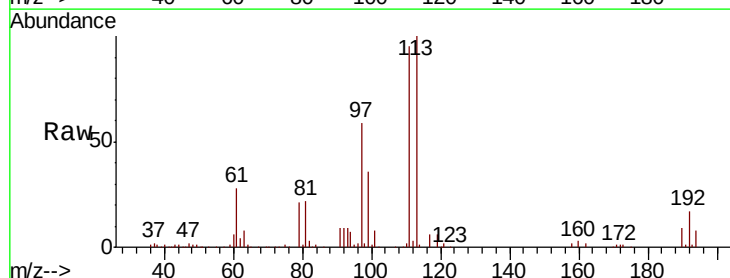
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

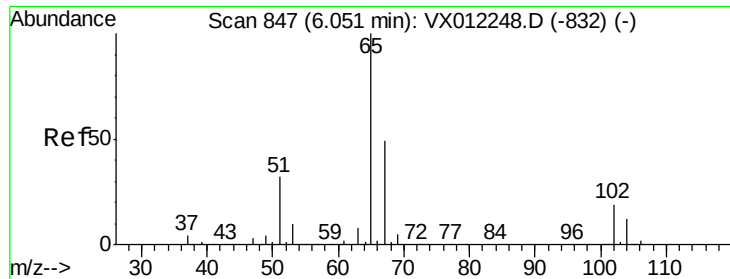
Tgt Ion: 56 Resp: 35865
Ion Ratio Lower Upper
56 100
69 33.1 23.8 35.6
84 81.5 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 21.114 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion: 97 Resp: 48511
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 45.4 35.4 53.0

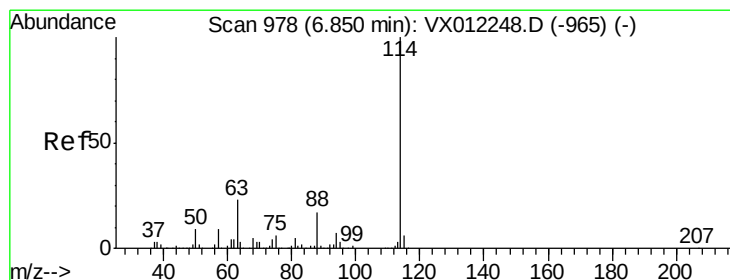
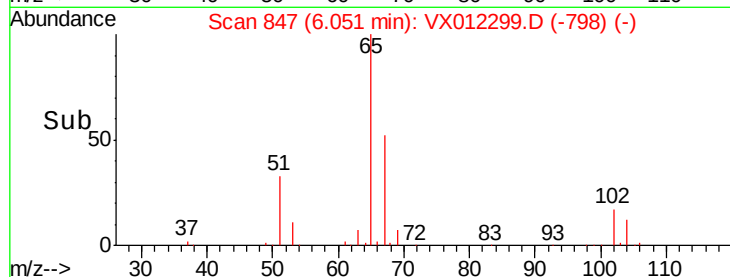
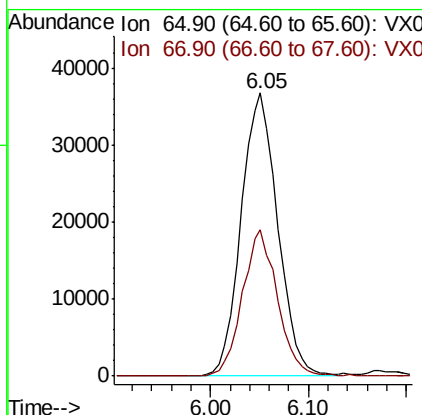
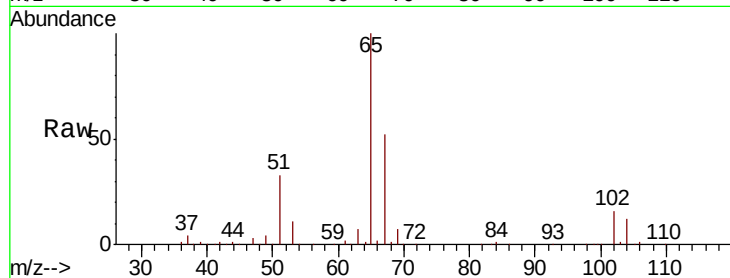




#33
 1,2-Dichloroethane-d4
 Concen: 53.755 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

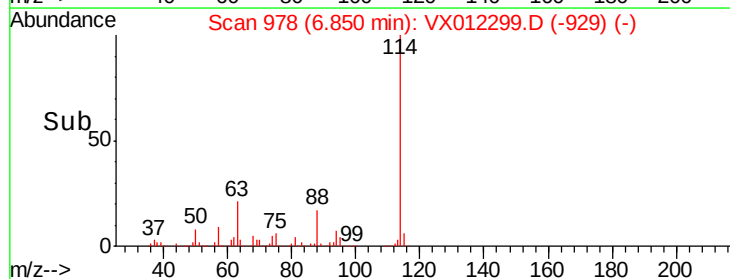
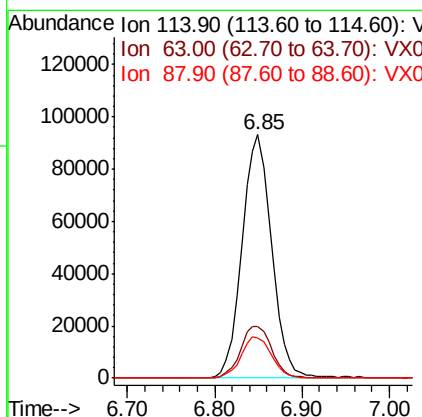
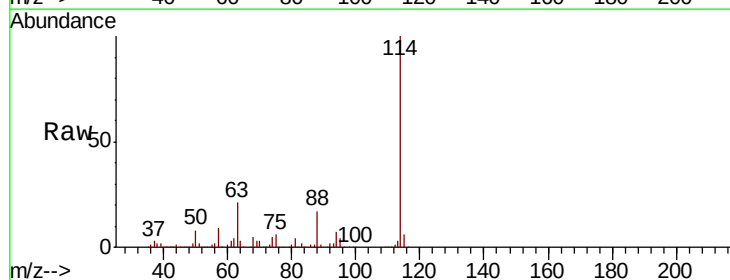
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

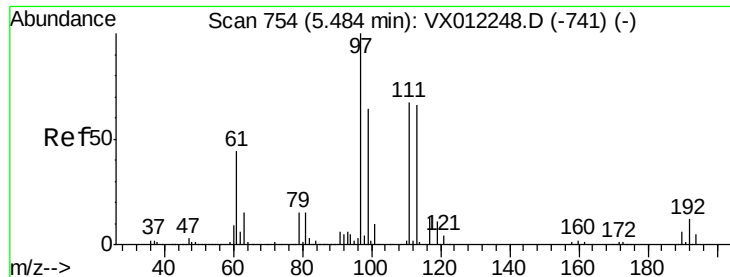
Tgt Ion: 65 Resp: 95425
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 114 Resp: 218549
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.2
 88 16.6 0.0 34.8

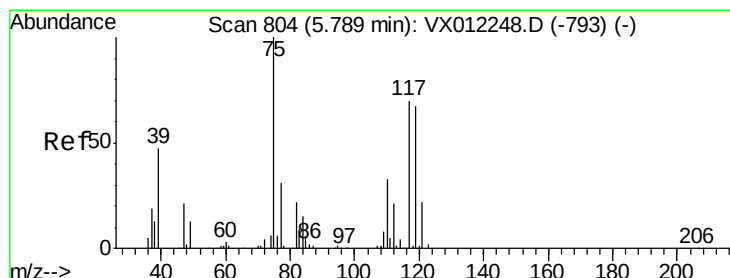
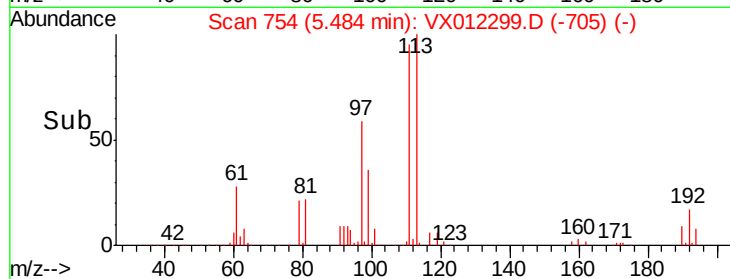
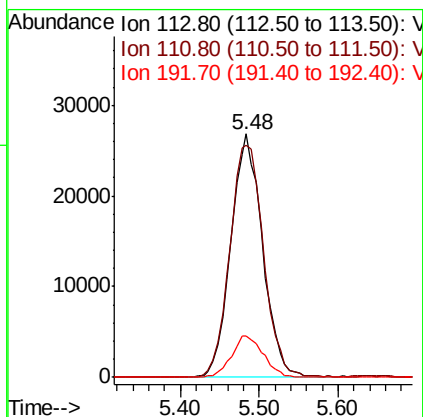
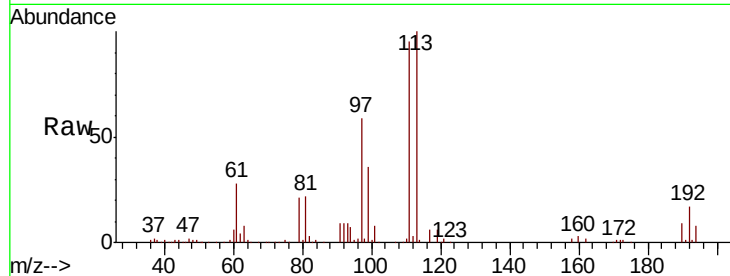




#35
 Dibromofluoromethane
 Concen: 53.400 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

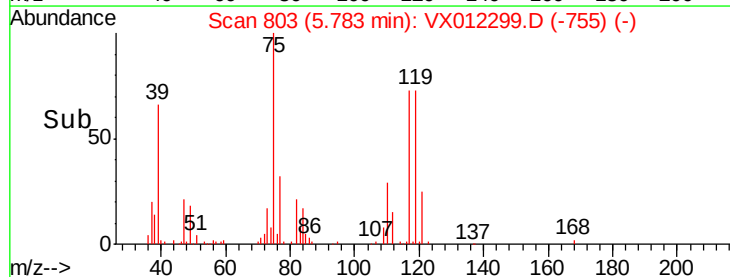
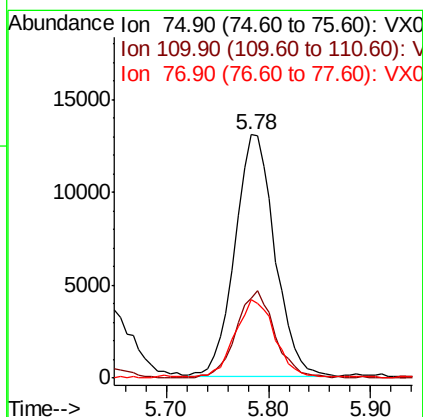
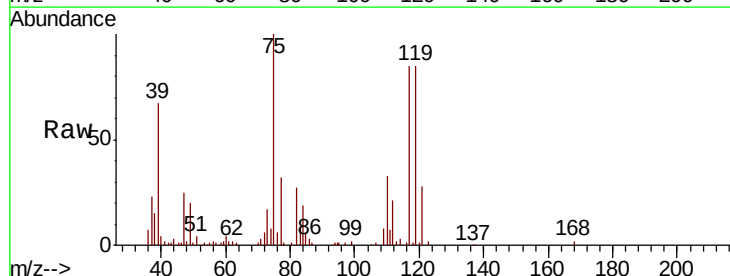
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

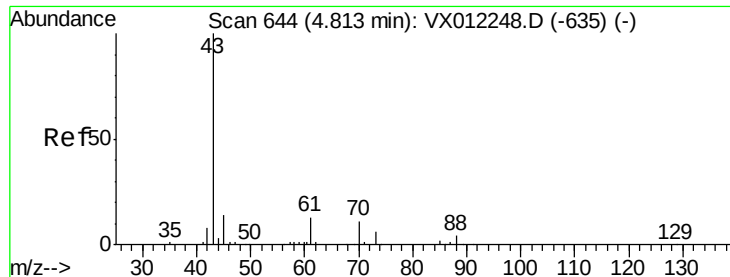
Tgt Ion:113 Resp: 74813
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.6
 192 17.3 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 22.216 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 75 Resp: 35403
 Ion Ratio Lower Upper
 75 100
 110 35.1 16.8 50.4
 77 31.4 24.5 36.7

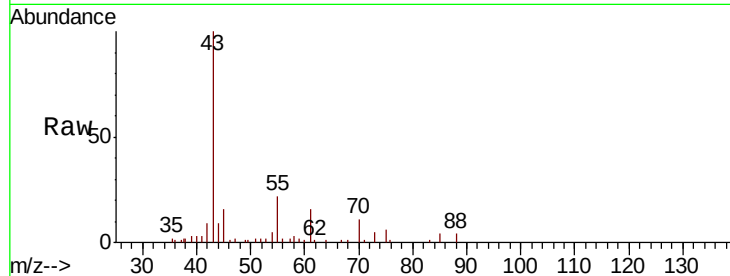




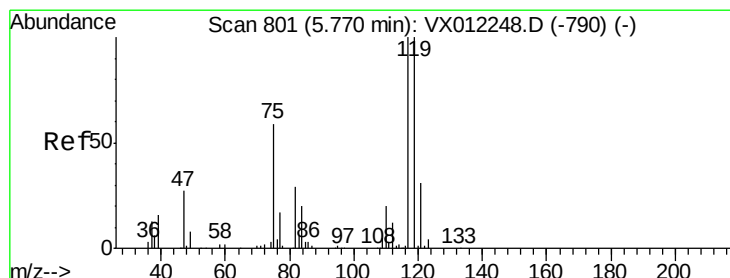
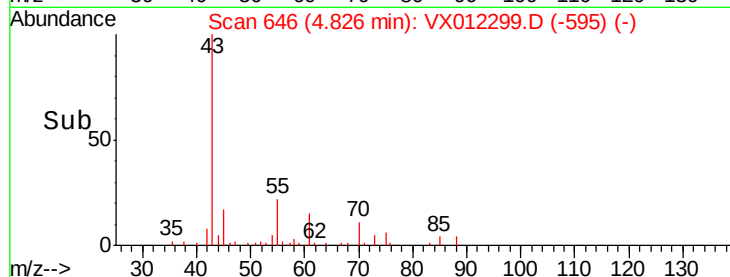
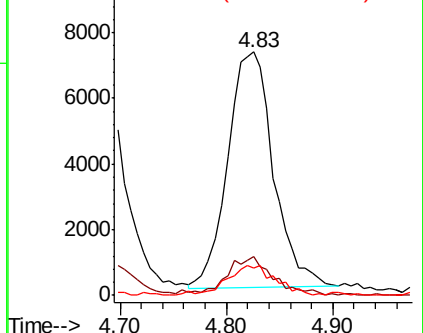
#37
 Ethyl Acetate
 Concen: 21.945 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

Tgt Ion: 43 Resp: 21618
 Ion Ratio Lower Upper
 43 100
 61 15.8 10.3 15.5#
 70 13.2 9.1 13.7

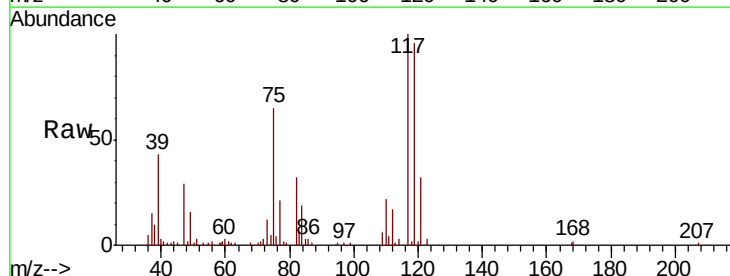


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

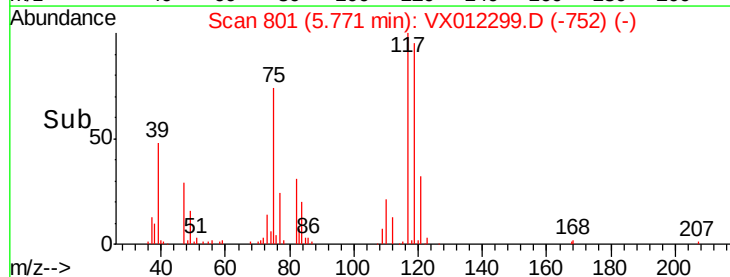
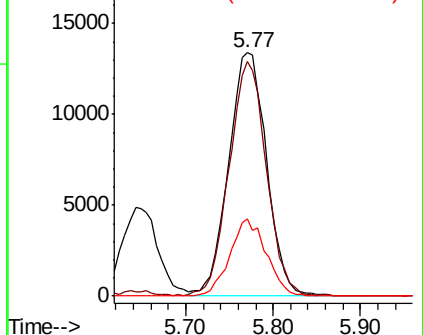


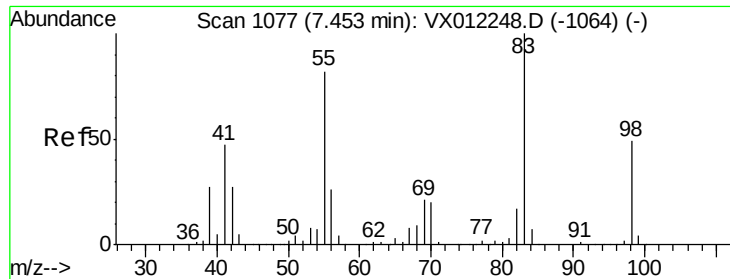
#38
 Carbon Tetrachloride
 Concen: 21.667 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 117 Resp: 40510
 Ion Ratio Lower Upper
 117 100
 119 96.2 79.6 119.4
 121 32.0 24.7 37.1



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

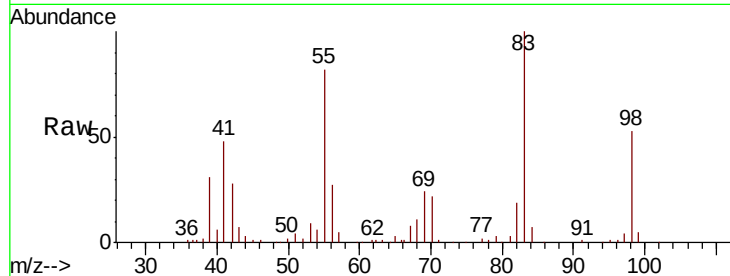




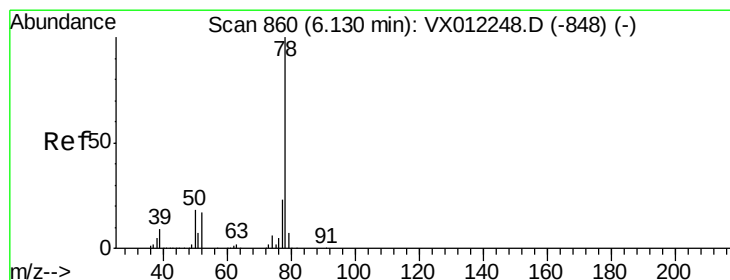
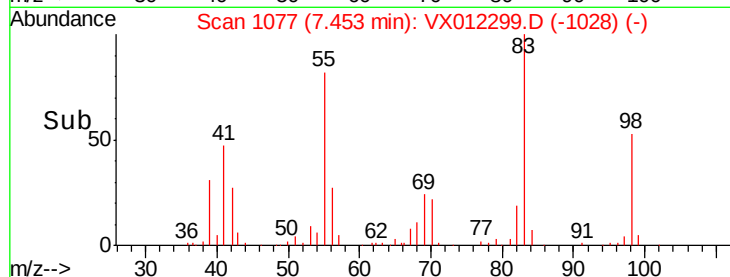
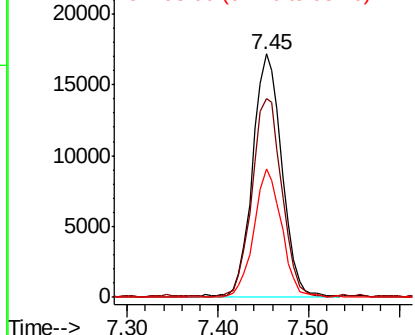
#39
Methylcyclohexane
Concen: 22.079 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

Tgt Ion: 83 Resp: 38613
Ion Ratio Lower Upper
83 100
55 81.3 65.4 98.2
98 52.5 39.6 59.4

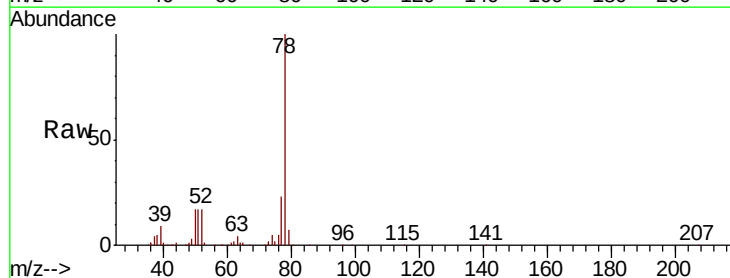


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

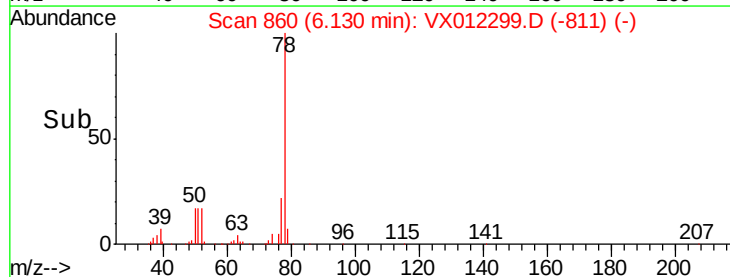
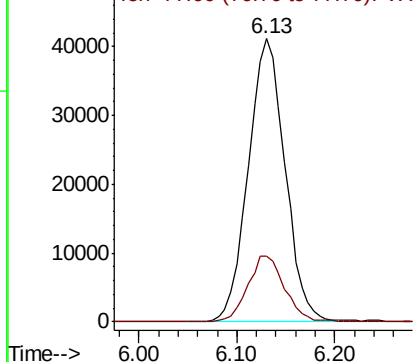


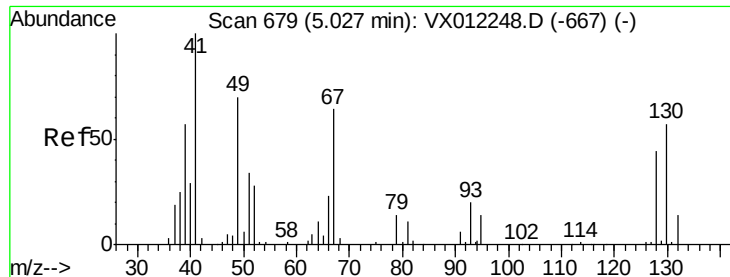
#40
Benzene
Concen: 22.255 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion: 78 Resp: 107340
Ion Ratio Lower Upper
78 100
77 23.1 18.0 27.0



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

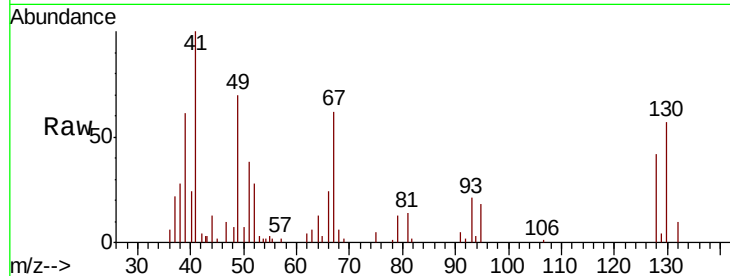




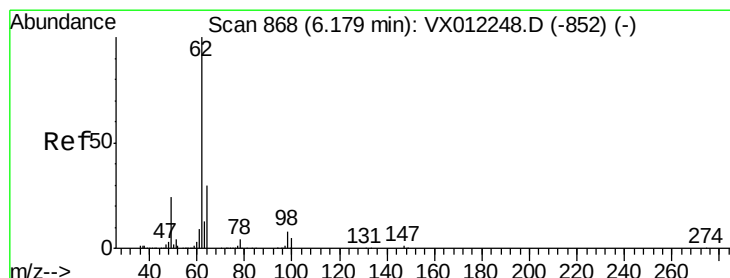
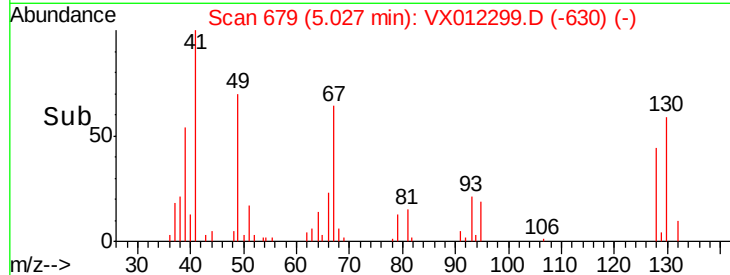
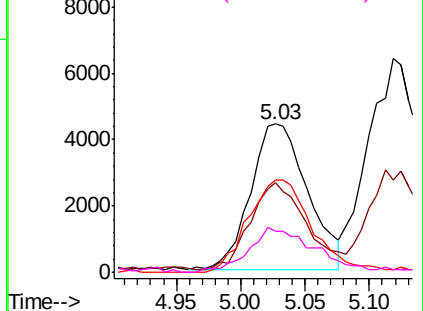
#41
Methacrylonitrile
Concen: 22.307 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

Tgt Ion:	41	Resp:	13547
Ion	Ratio	Lower	Upper
41	100		
39	59.6	49.0	73.4
67	70.3	55.0	82.4
52	34.8	25.4	38.0

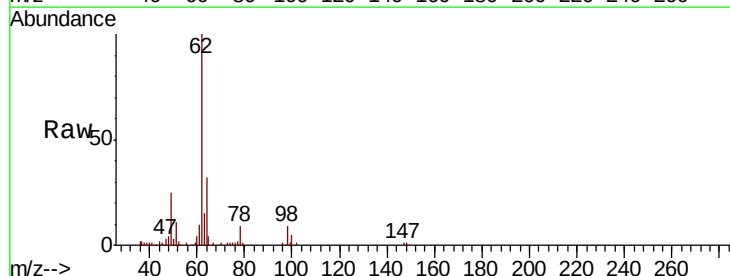


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

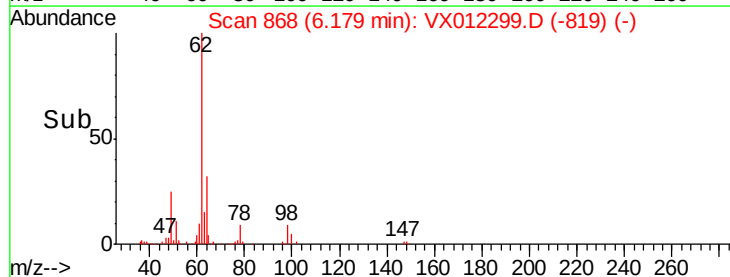
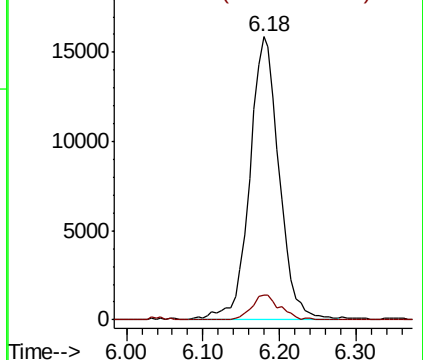


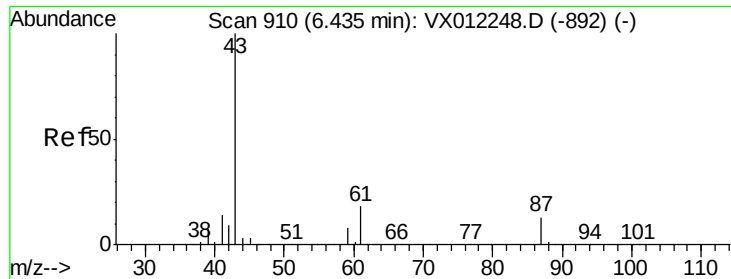
#42
1,2-Dichloroethane
Concen: 22.350 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion:	62	Resp:	42605
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.677 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

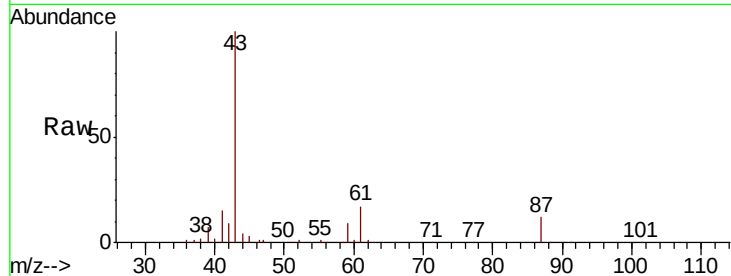
Tgt Ion: 43 Resp: 45021

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.2

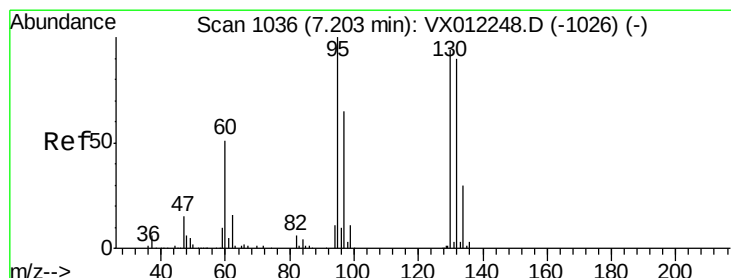
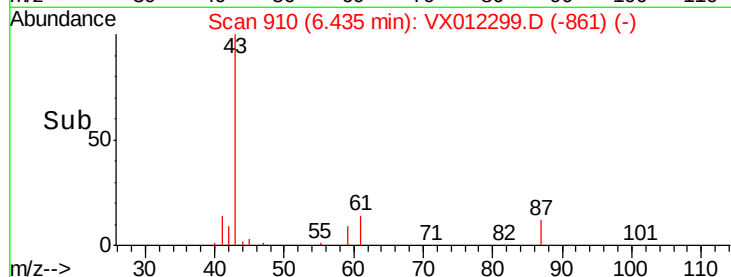
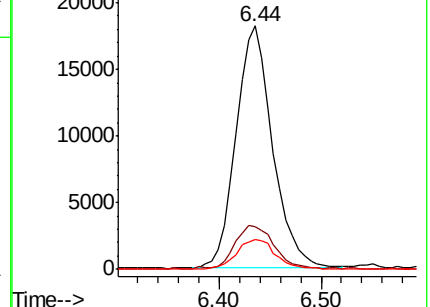
87 13.2 10.5 15.7



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: 22.261 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012299.D

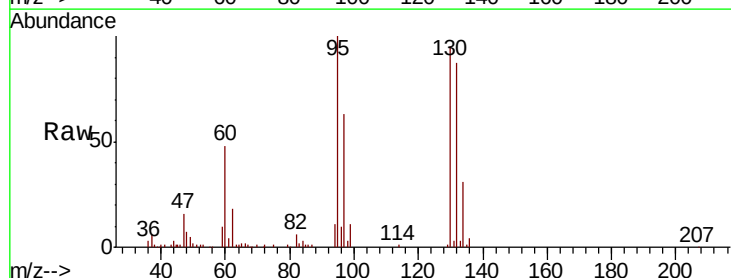
Acq: 11 Sep 2019 13:45

Tgt Ion: 130 Resp: 29057

Ion Ratio Lower Upper

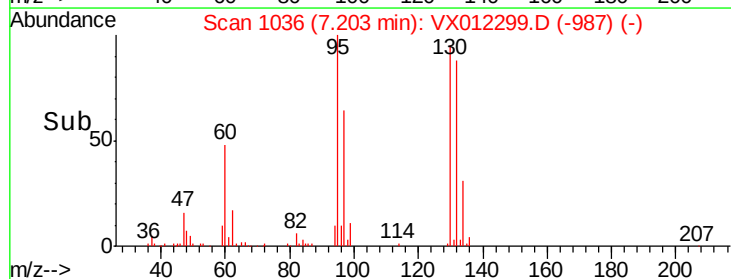
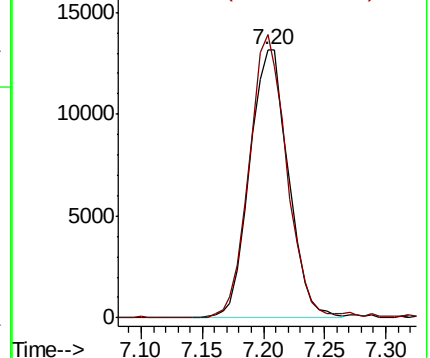
130 100

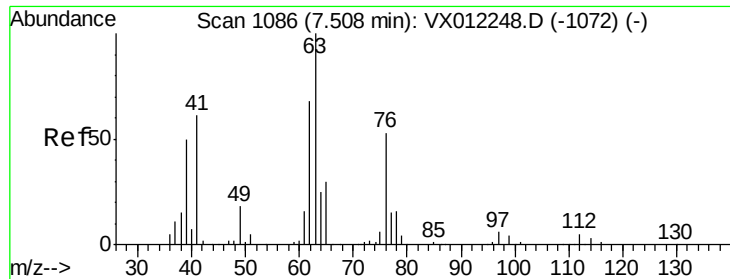
95 105.5 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

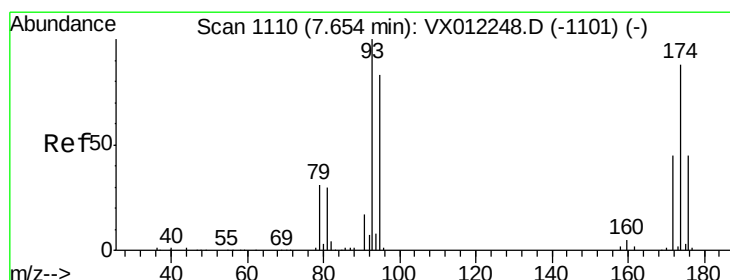
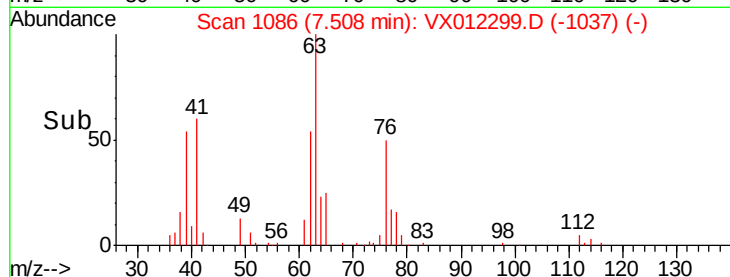
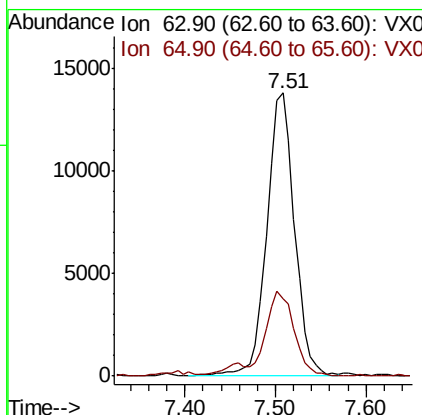
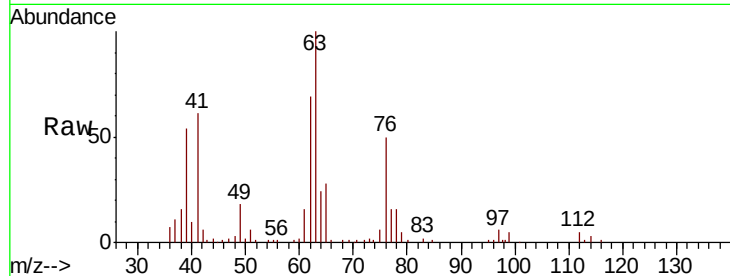




#45
 1,2-Dichloropropane
 Concen: 21.952 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

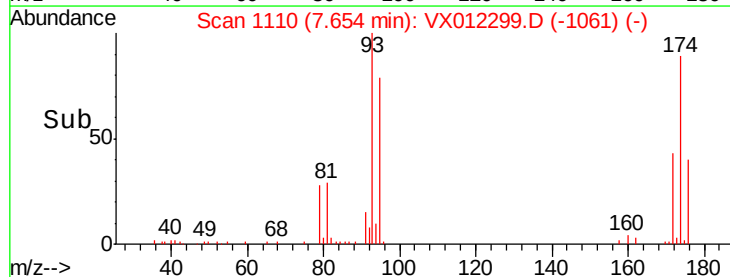
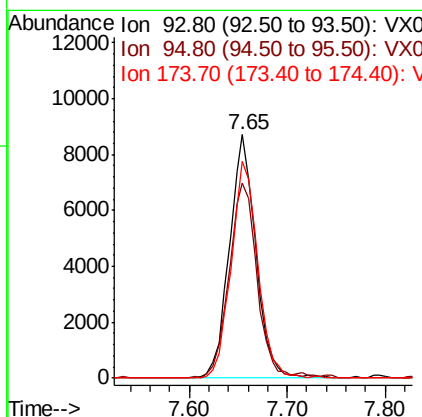
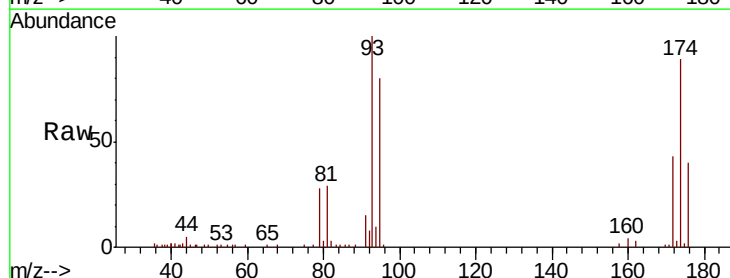
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

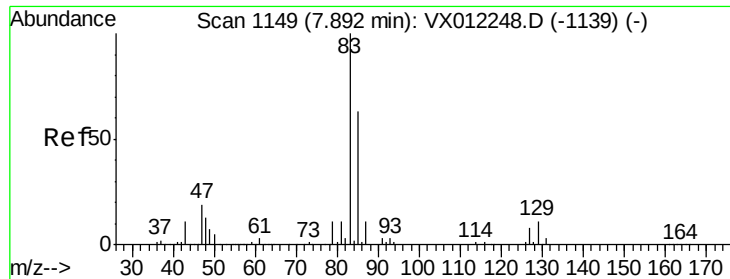
Tgt Ion: 63 Resp: 29307
 Ion Ratio Lower Upper
 63 100
 65 27.5 24.3 36.5



#46
 Dibromomethane
 Concen: 22.397 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 93 Resp: 16342
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.7 98.5
 174 89.5 71.0 106.4





#47

Bromodichloromethane

Concen: 20.592 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

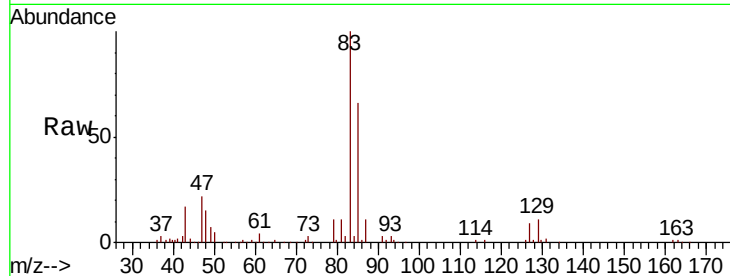
Tgt Ion: 83 Resp: 41002

Ion Ratio Lower Upper

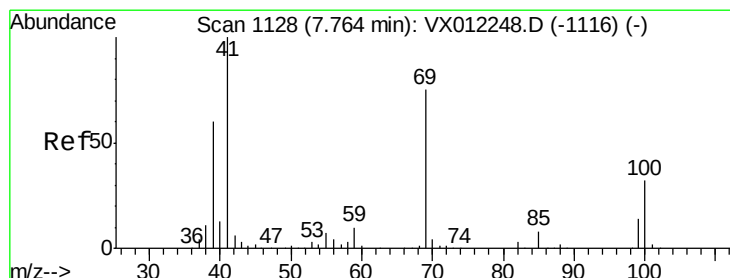
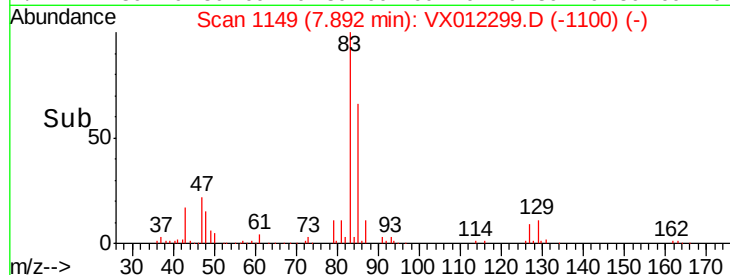
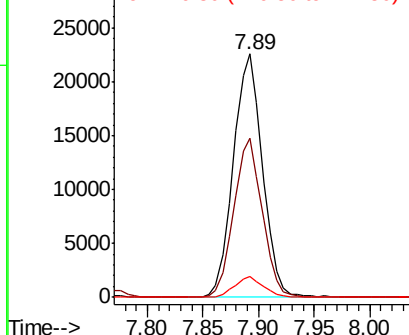
83 100

85 65.6 50.2 75.4

127 8.7 6.3 9.5



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: 21.211 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

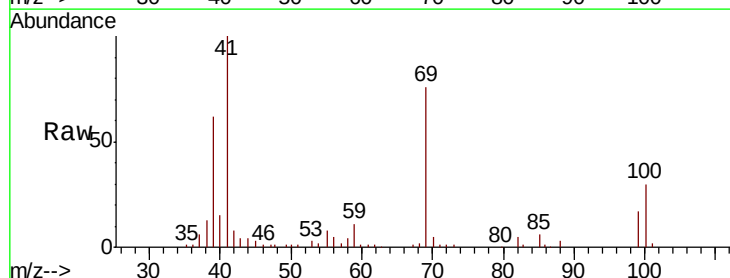
Tgt Ion: 41 Resp: 21086

Ion Ratio Lower Upper

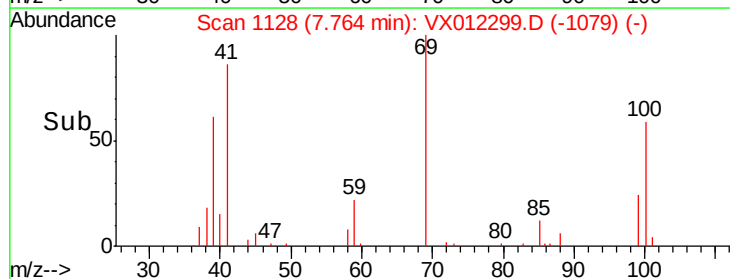
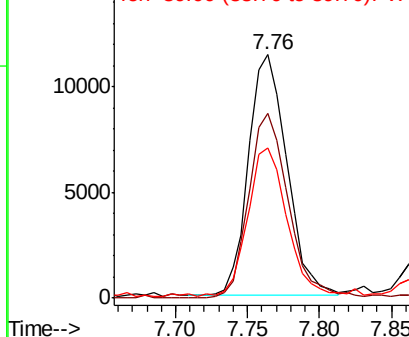
41 100

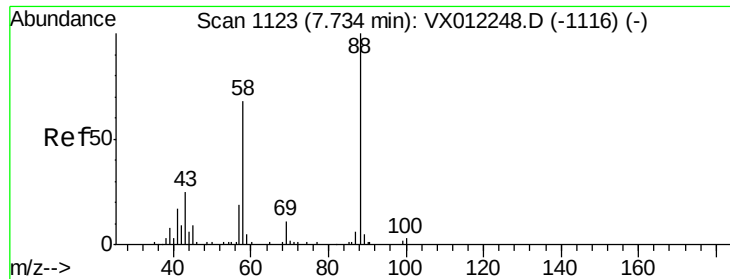
69 79.1 61.8 92.6

39 62.9 48.6 73.0



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

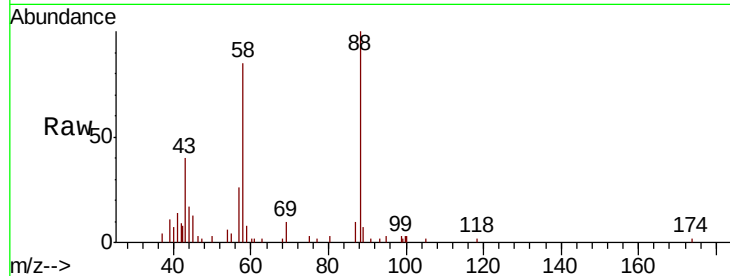




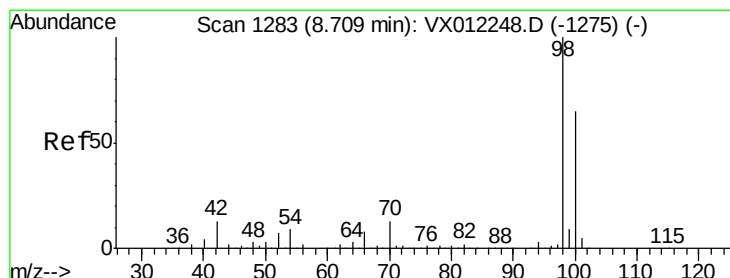
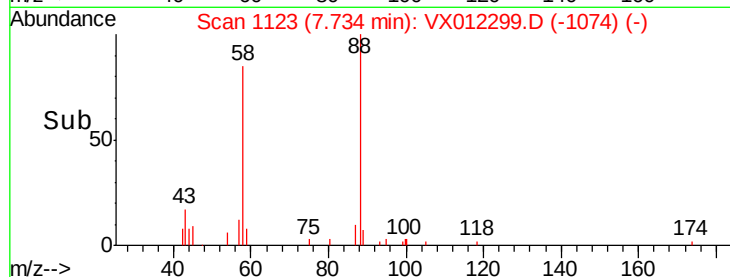
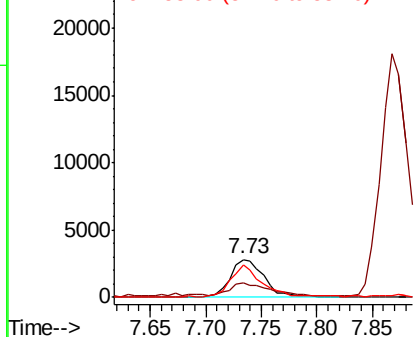
#49
1,4-Dioxane
Concen: 442.657 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

Tgt Ion: 88 Resp: 5938
Ion Ratio Lower Upper
88 100
43 39.6 31.0 46.4
58 78.9 61.5 92.3

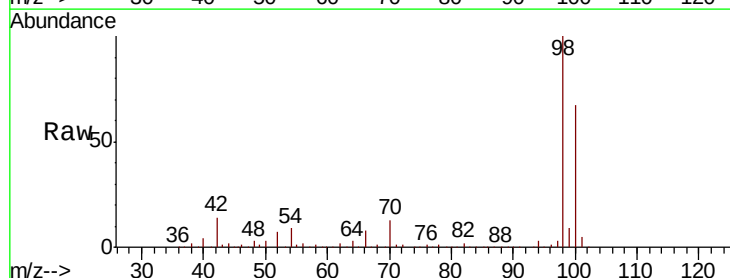


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

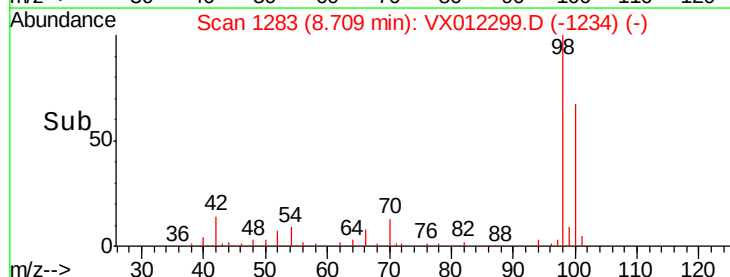
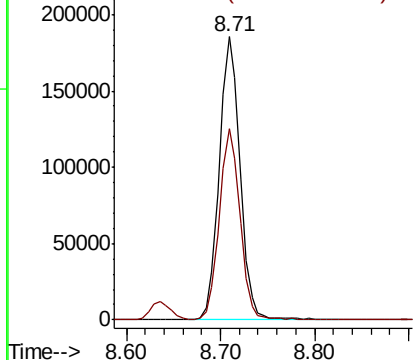


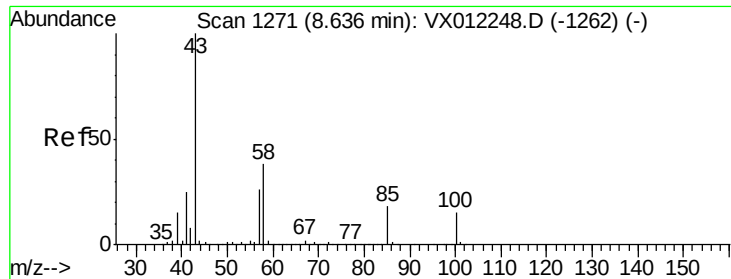
#50
Toluene-d8
Concen: 58.061 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion: 98 Resp: 285299
Ion Ratio Lower Upper
98 100
100 67.6 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 108.860 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

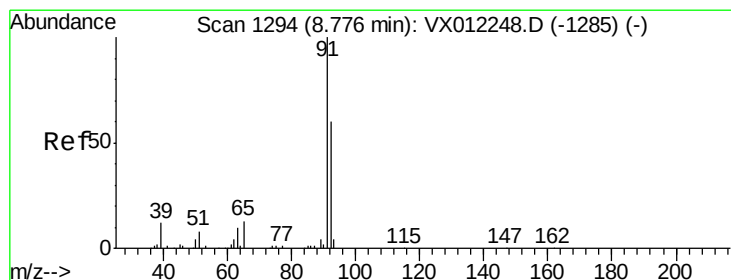
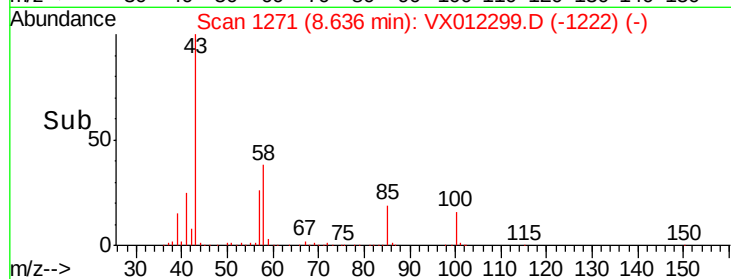
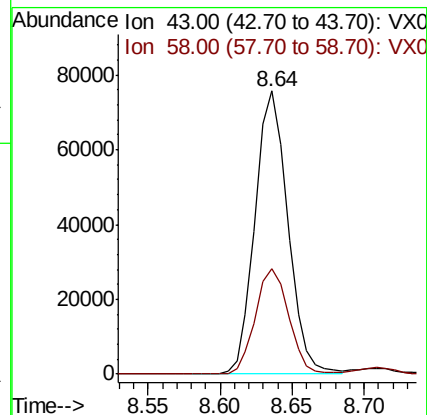
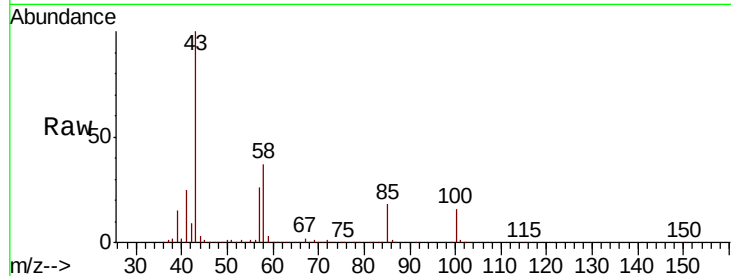
VX0911SBSD01

Tgt Ion: 43 Resp: 119325

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



#52

Toluene

Concen: 21.884 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX012299.D

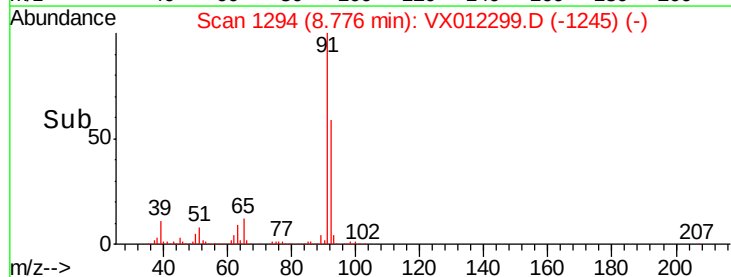
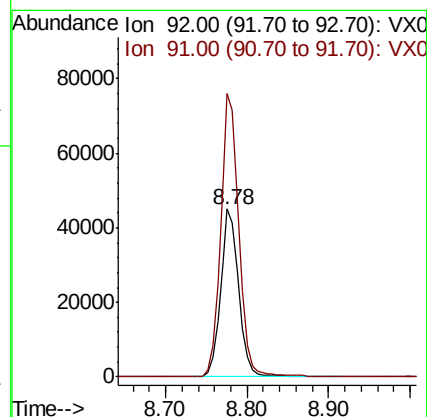
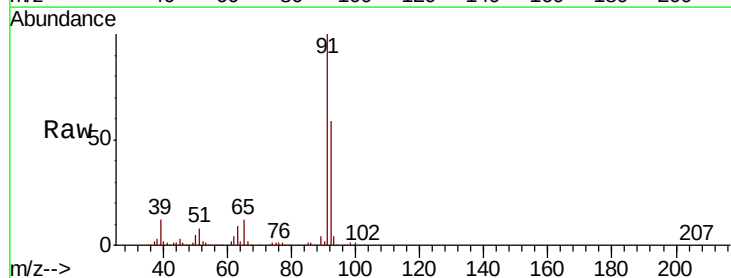
Acq: 11 Sep 2019 13:45

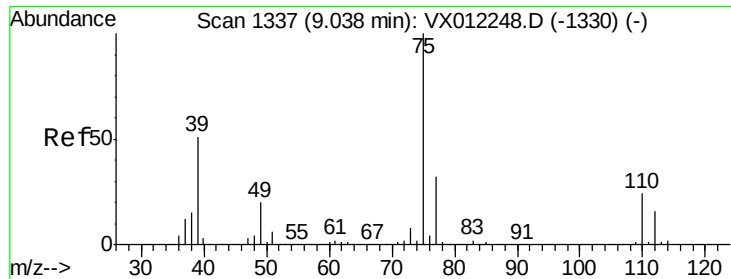
Tgt Ion: 92 Resp: 69716

Ion Ratio Lower Upper

92 100

91 170.5 133.6 200.4

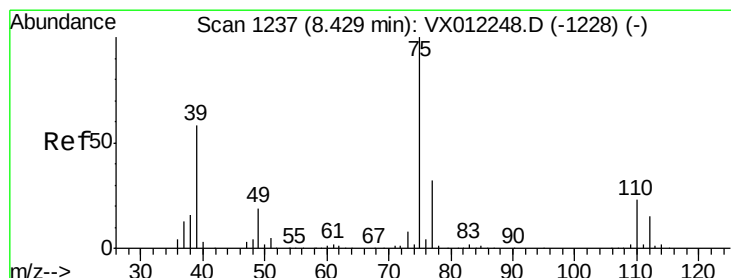
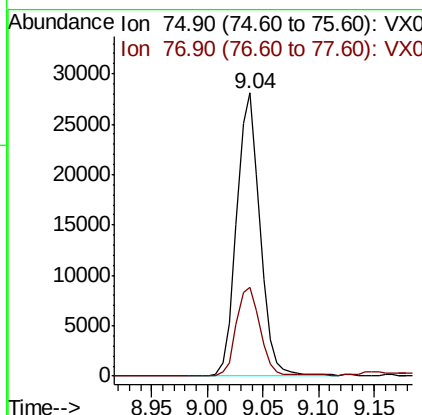
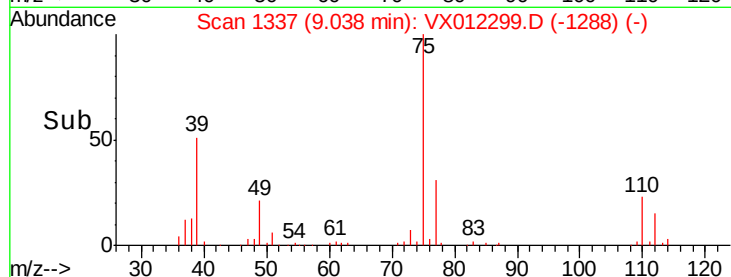
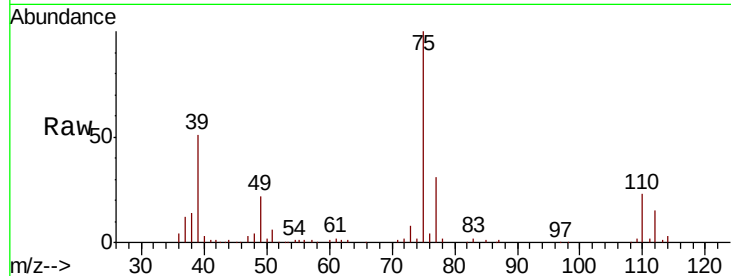




#53
 t-1,3-Dichloropropene
 Concen: 20.599 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

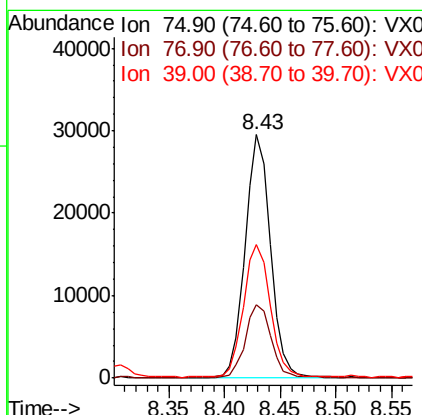
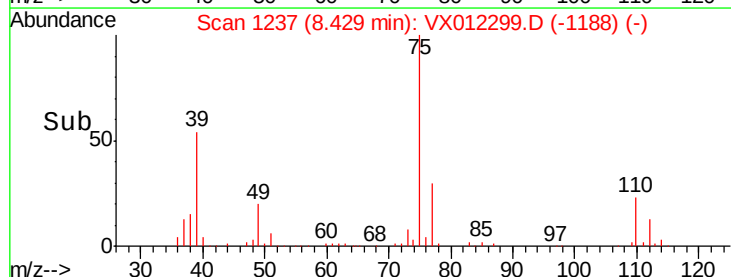
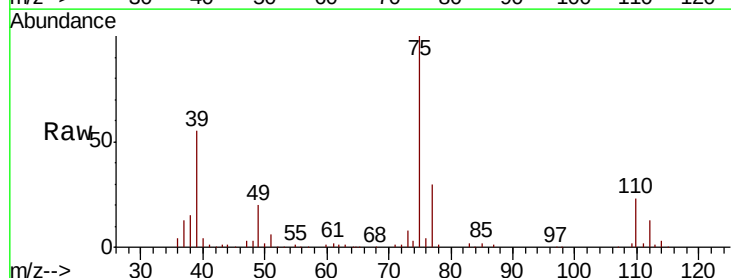
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

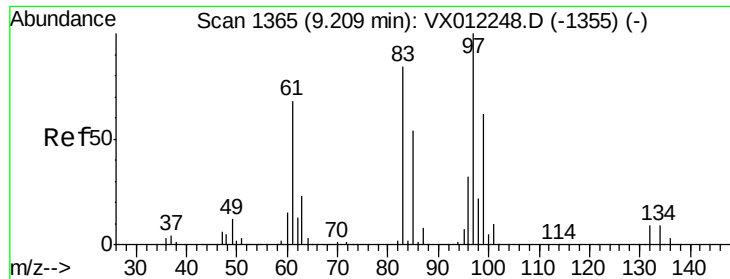
Tgt Ion: 75 Resp: 40938
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.352 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 75 Resp: 47056
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2
 39 54.1 46.5 69.7

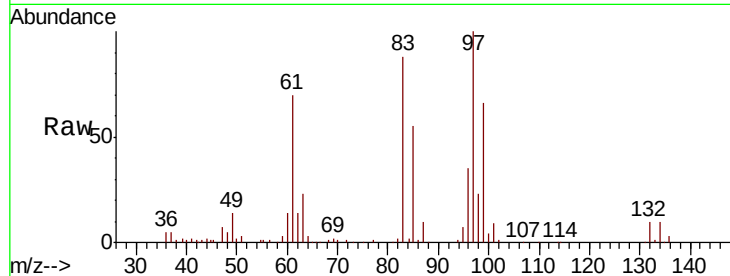




#55
 1,1,2-Trichloroethane
 Concen: 22.097 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

Tgt Ion:	97	Resp:	24979
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.4	101.2
85	55.0	43.4	65.2
99	65.6	49.8	74.6



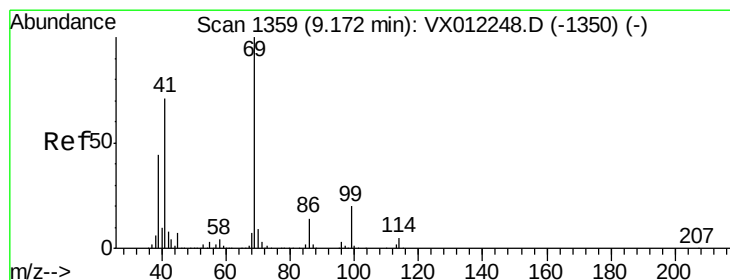
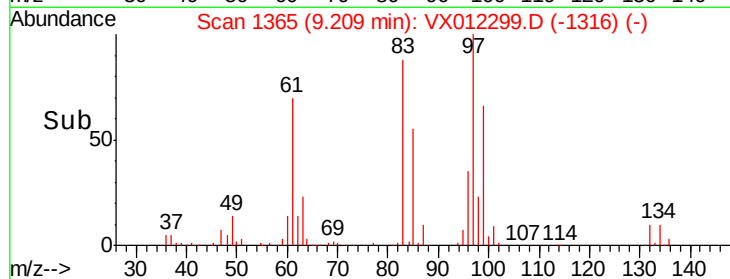
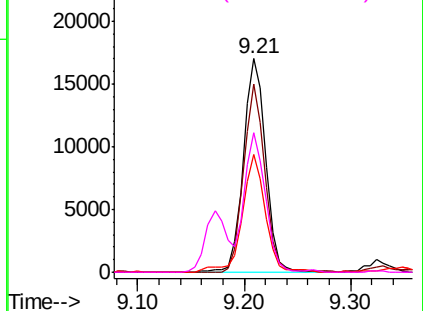
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

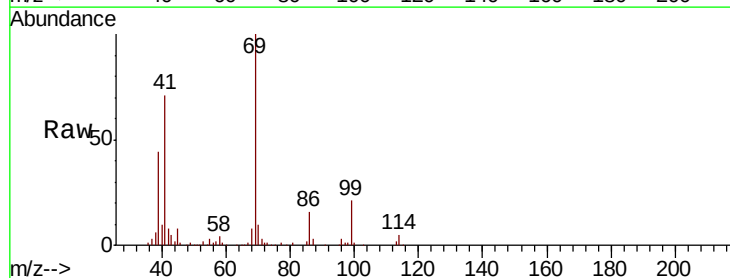
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 21.338 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion:	69	Resp:	32658
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.7	86.5
39	43.4	34.0	51.0

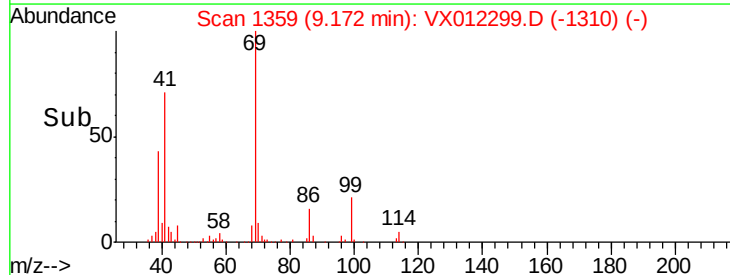
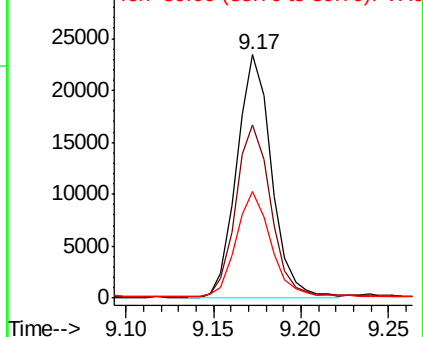


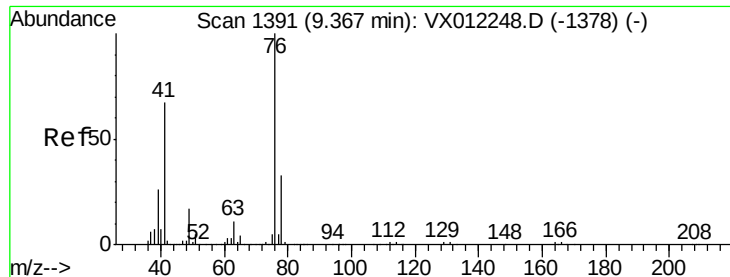
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

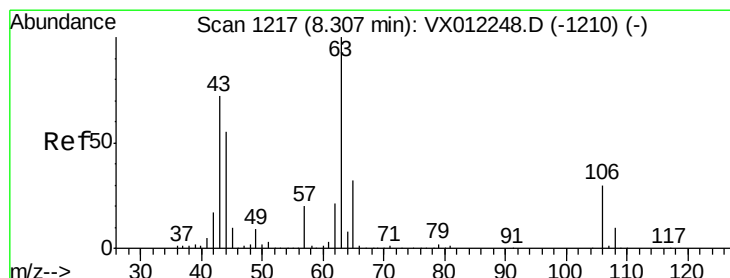
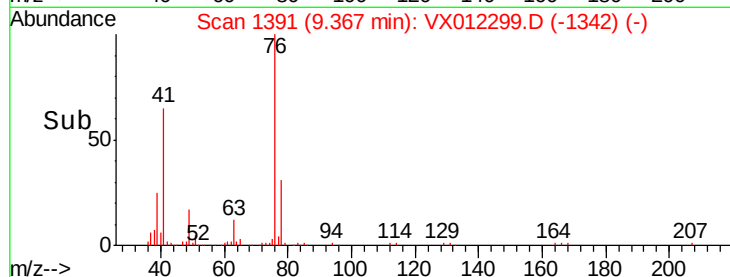
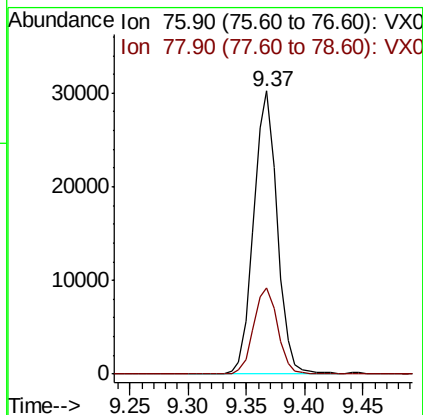
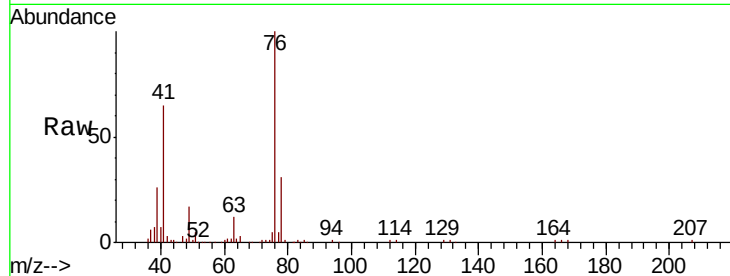




#57
 1,3-Dichloropropane
 Concen: 22.242 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

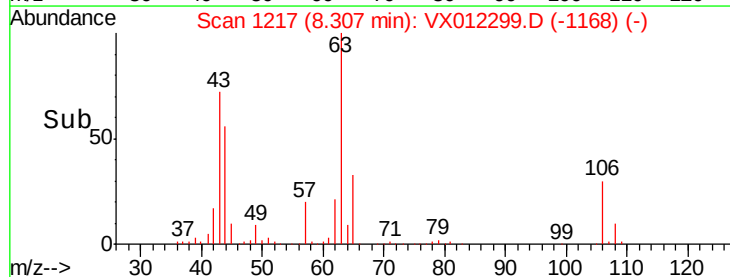
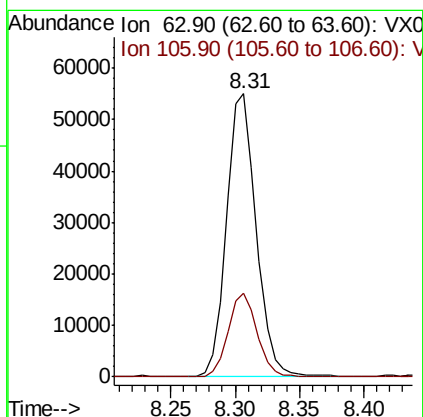
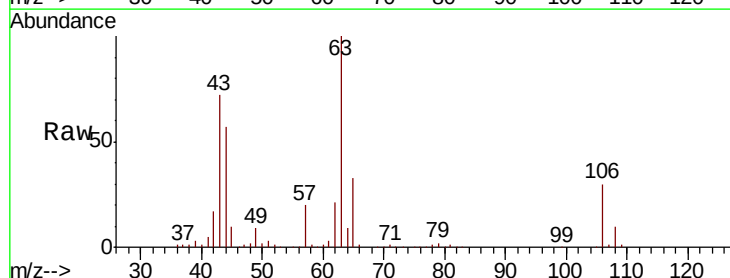
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

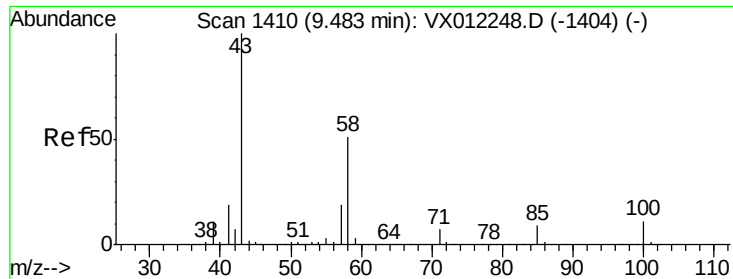
Tgt Ion: 76 Resp: 42941
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.063 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 63 Resp: 88692
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.4 35.2

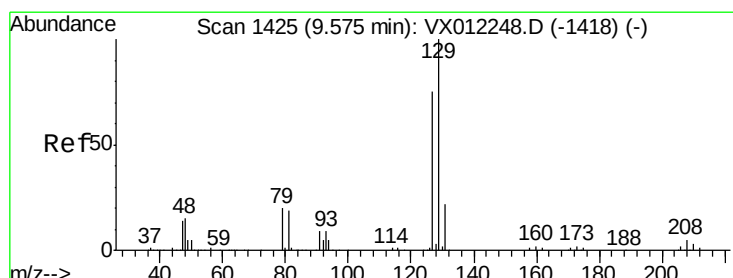
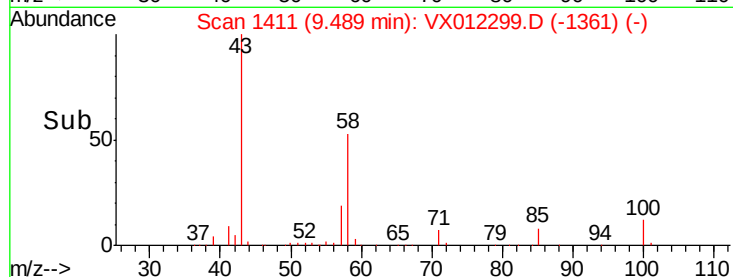
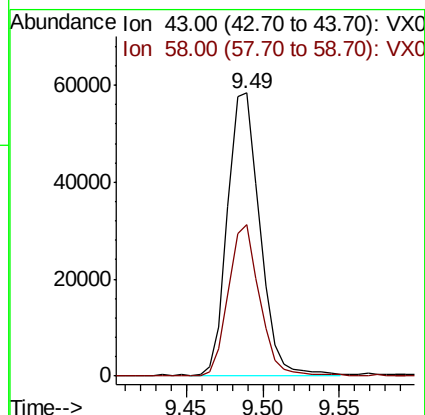
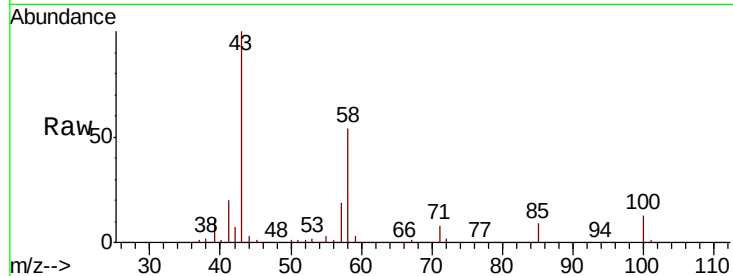




#59
2-Hexanone
Concen: 111.662 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

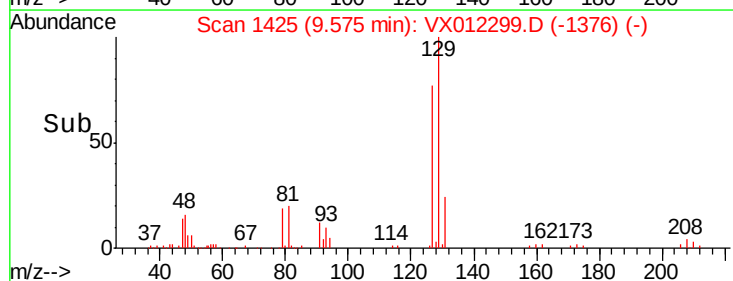
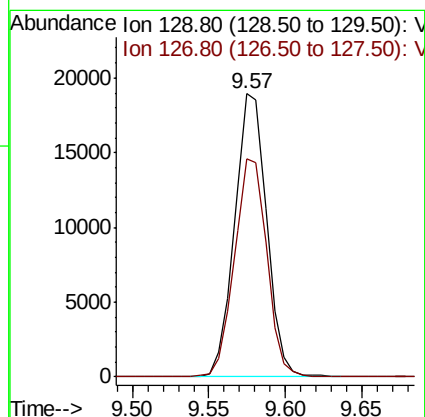
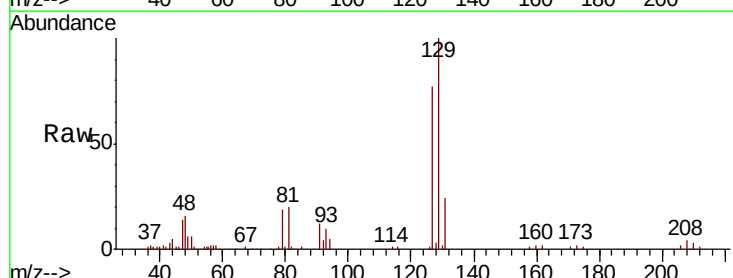
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

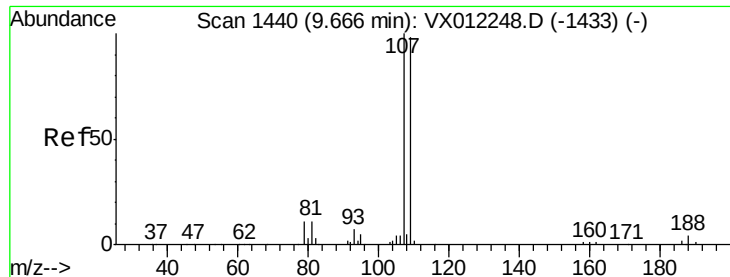
Tgt Ion: 43 Resp: 85103
Ion Ratio Lower Upper
43 100
58 52.5 25.8 77.3



#60
Dibromochloromethane
Concen: 20.784 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion: 129 Resp: 27428
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 22.171 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

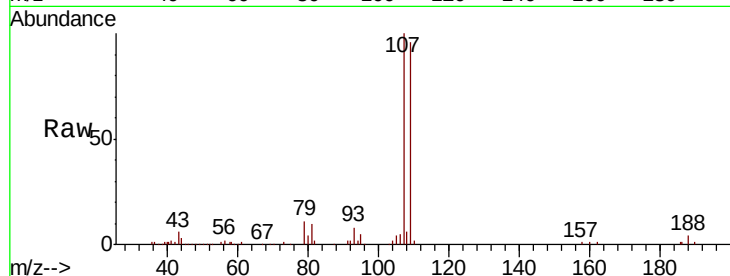
VX0911SBSD01

Tgt Ion: 107 Resp: 23329

Ion Ratio Lower Upper

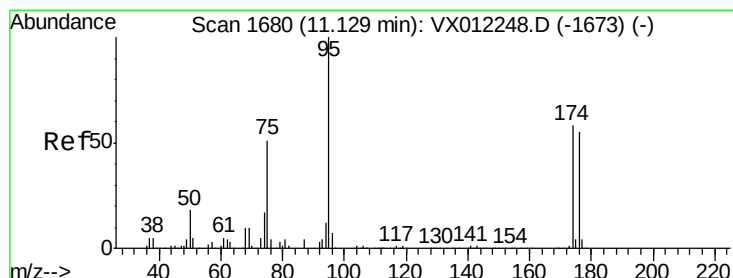
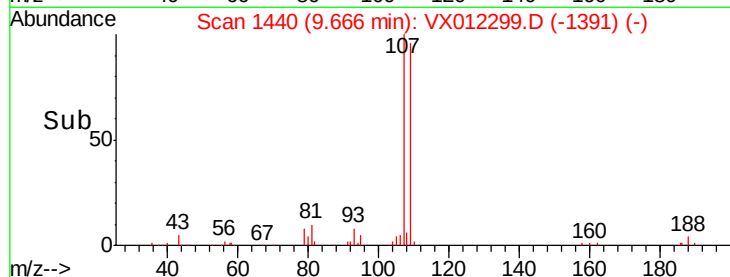
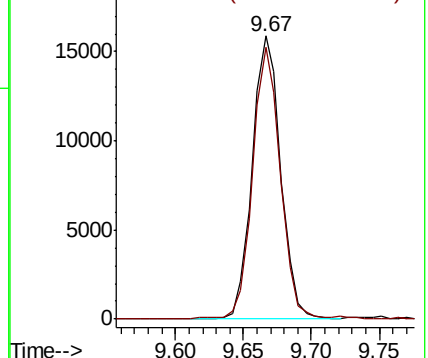
107 100

109 93.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.191 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

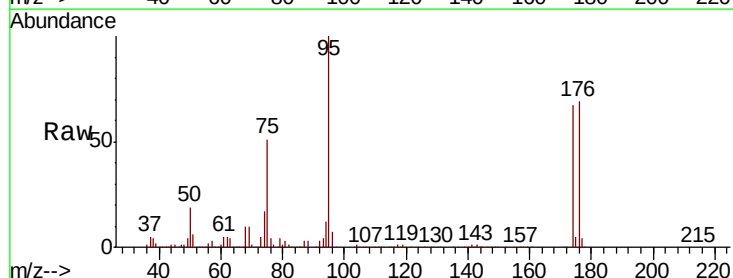
Tgt Ion: 95 Resp: 121171

Ion Ratio Lower Upper

95 100

174 65.5 0.0 127.0

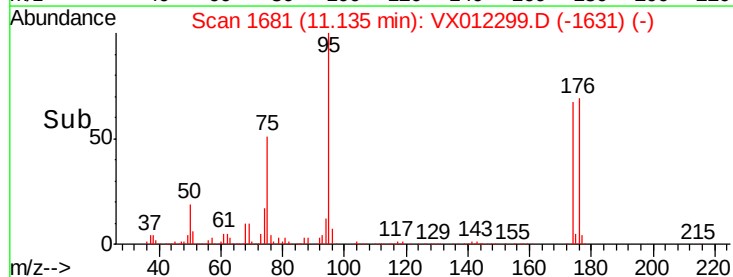
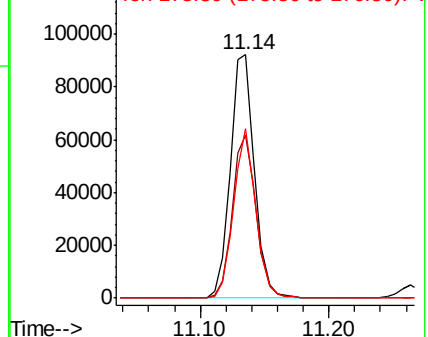
176 63.7 0.0 125.8

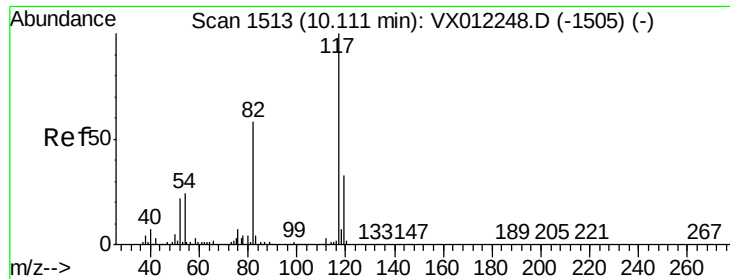


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

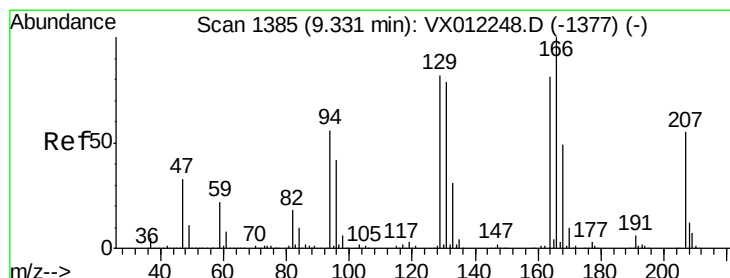
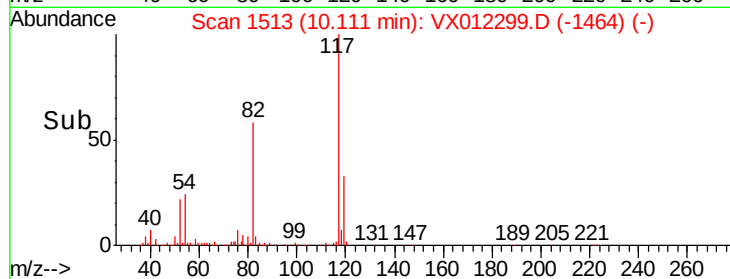
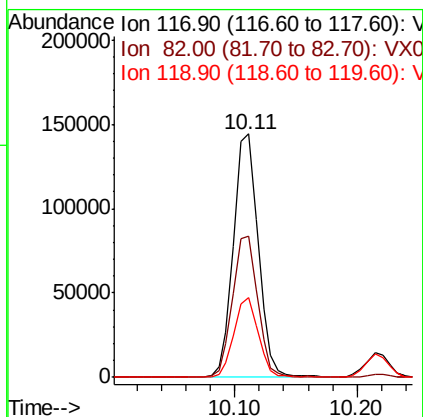
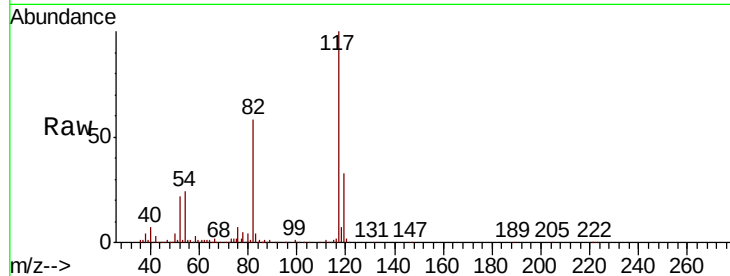




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

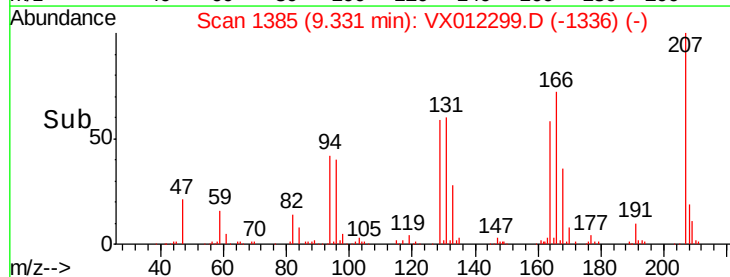
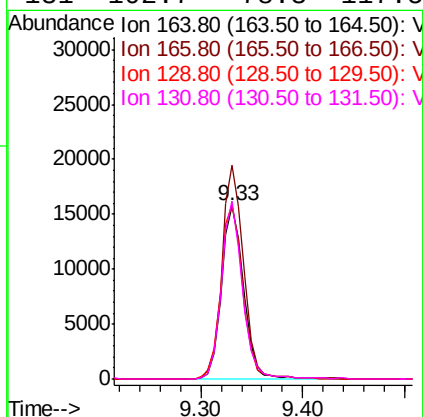
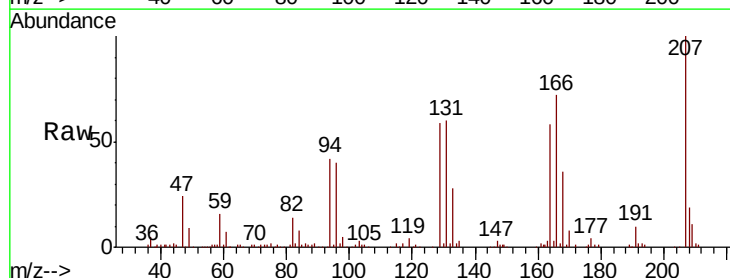
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

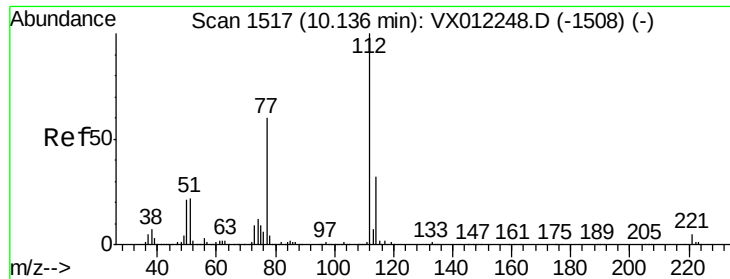
Tgt Ion:117 Resp: 202841
Ion Ratio Lower Upper
117 100
82 57.8 46.4 69.6
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 22.155 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion:164 Resp: 23767
Ion Ratio Lower Upper
164 100
166 123.6 99.4 149.0
129 100.7 81.8 122.8
131 102.7 78.3 117.5

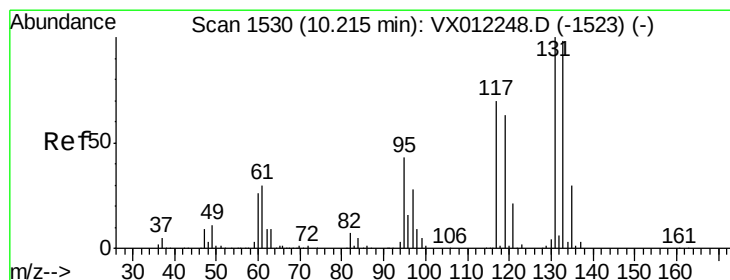
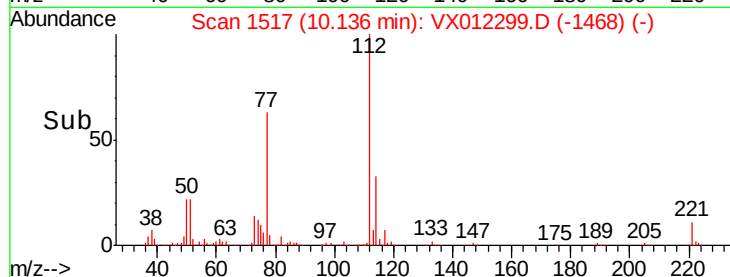
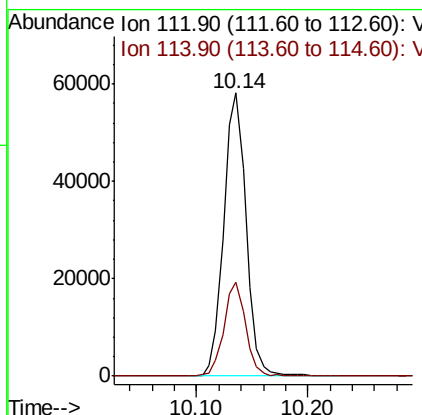
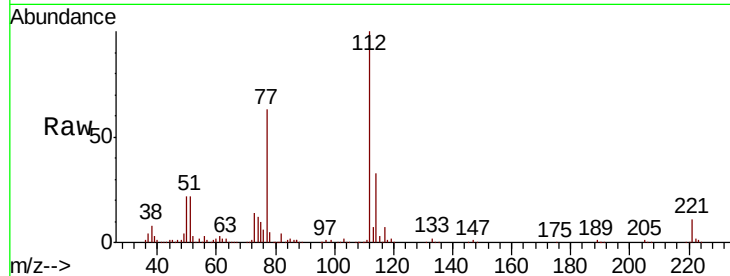




#65
Chlorobenzene
Concen: 21.812 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

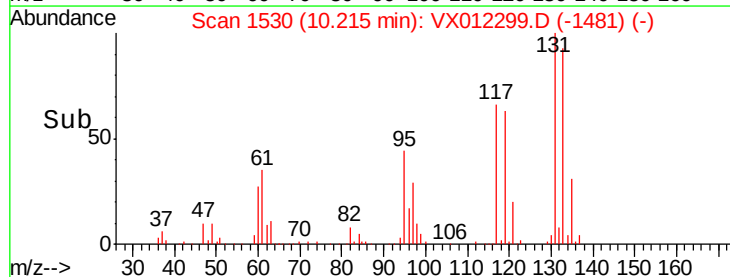
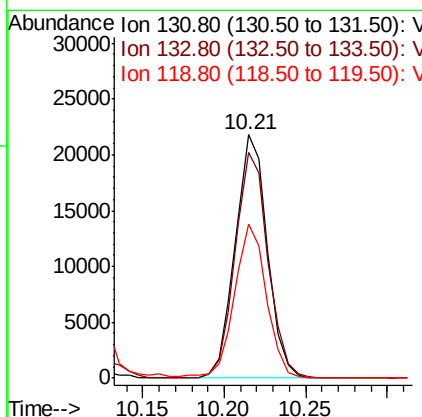
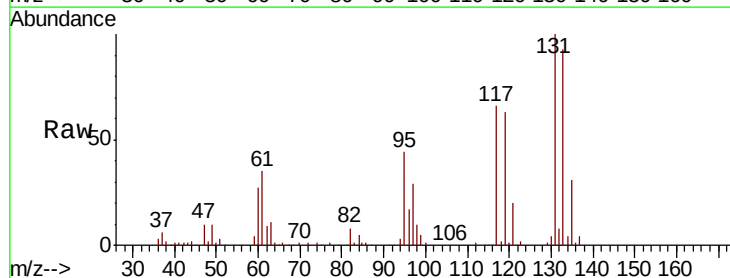
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

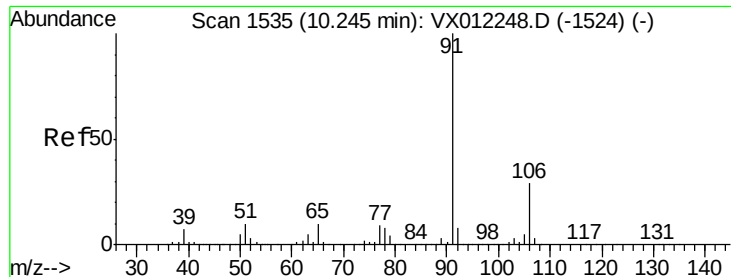
Tgt Ion:112 Resp: 80840
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.323 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion:131 Resp: 29791
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.2
119 63.2 31.6 95.0

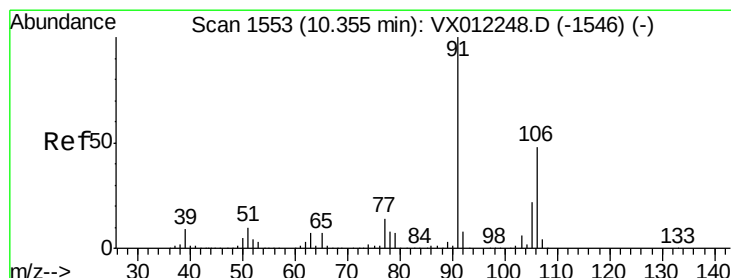
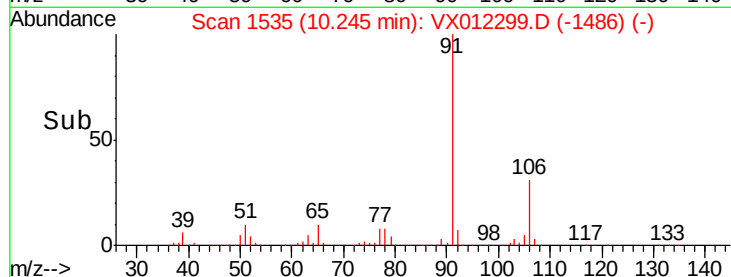
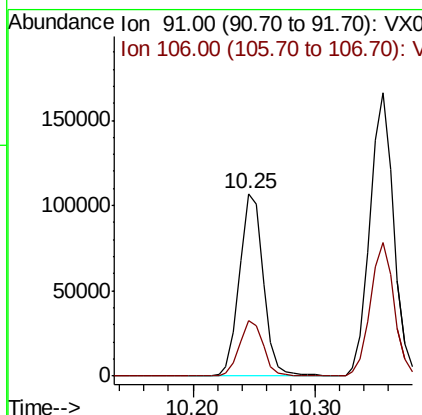
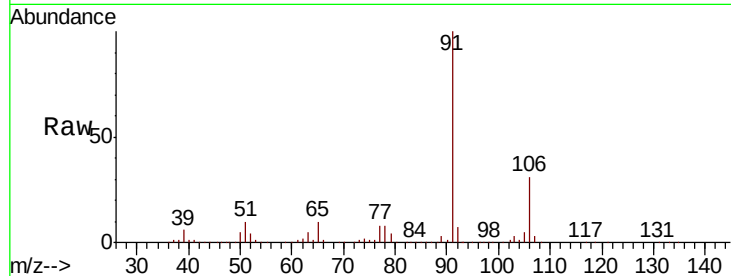




#67
 Ethyl Benzene
 Concen: 21.944 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

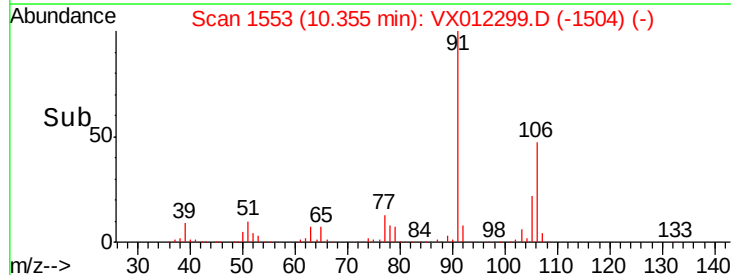
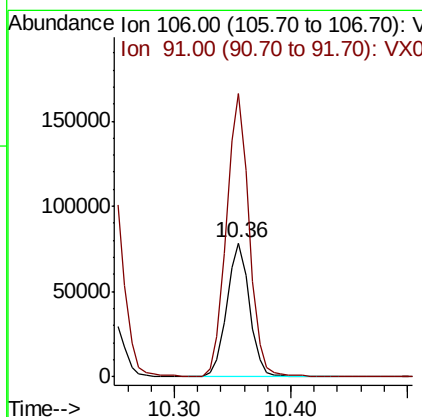
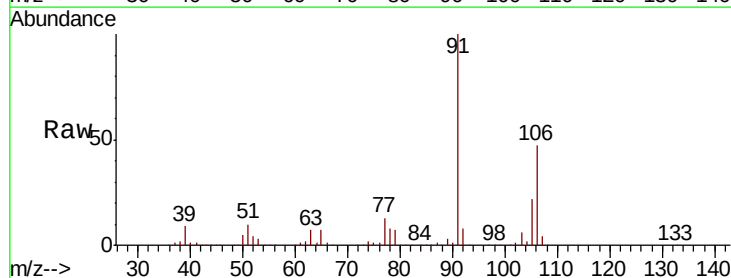
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

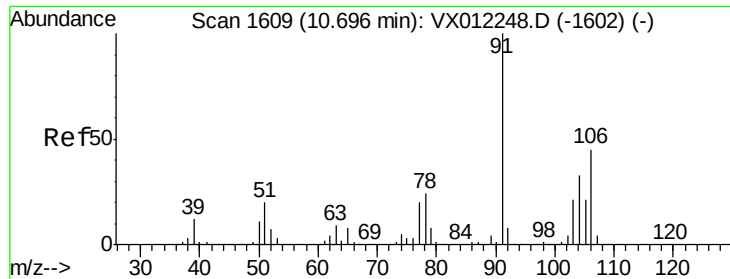
Tgt Ion: 91 Resp: 144649
 Ion Ratio Lower Upper
 91 100
 106 30.6 23.1 34.7



#68
 m/p-Xylenes
 Concen: 44.000 ug/l
 RT: 10.36 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 106 Resp: 106769
 Ion Ratio Lower Upper
 106 100
 91 210.1 167.0 250.6

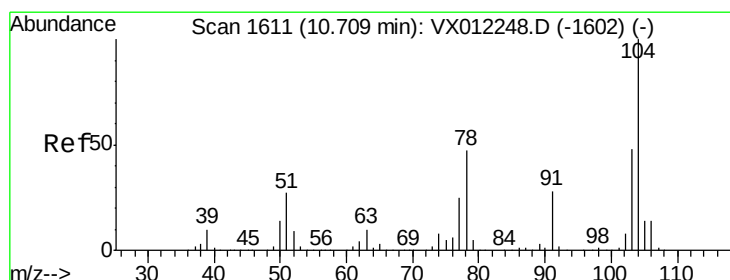
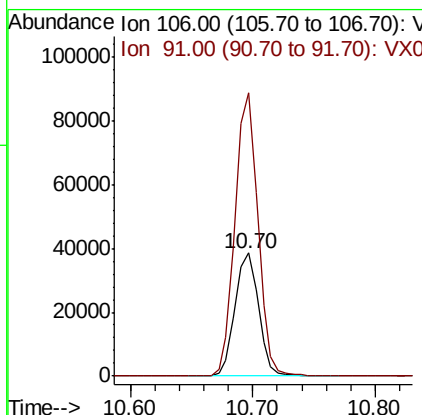
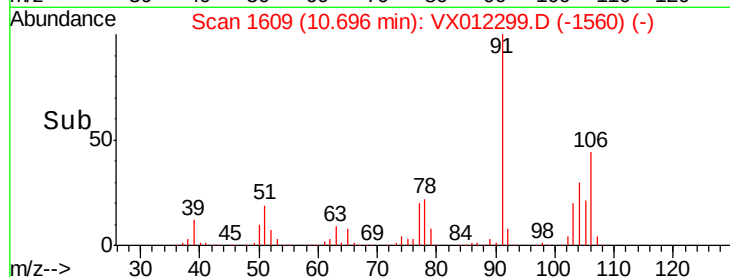
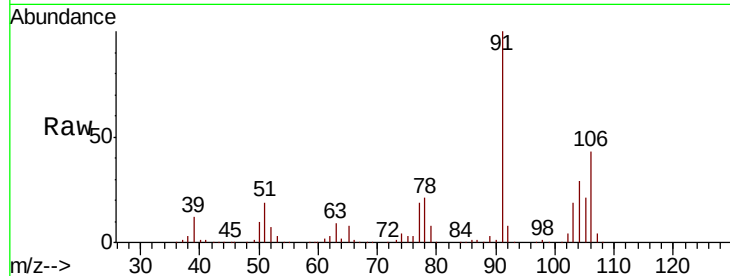




#69
o-Xylene
Concen: 21.545 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

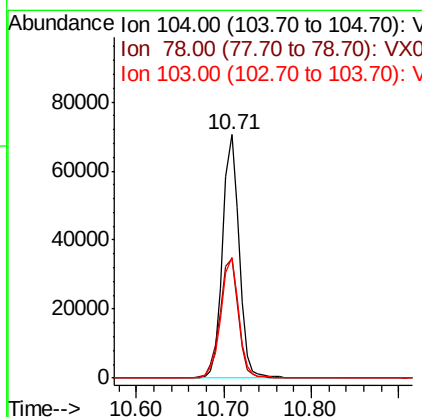
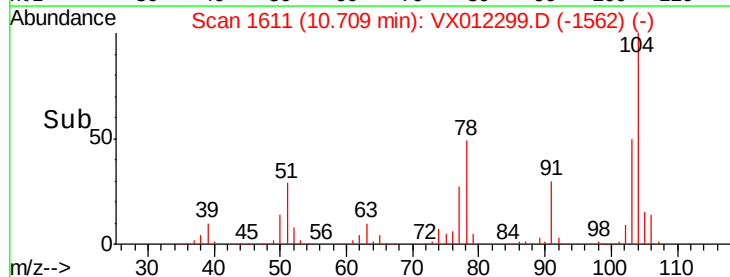
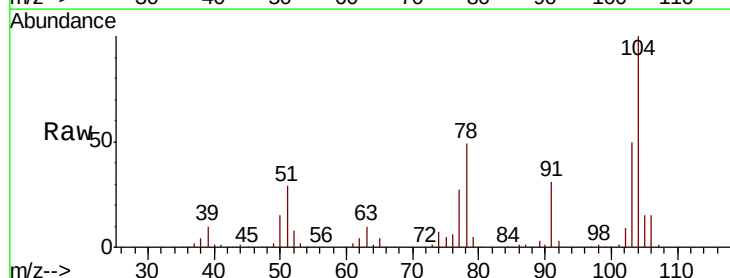
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

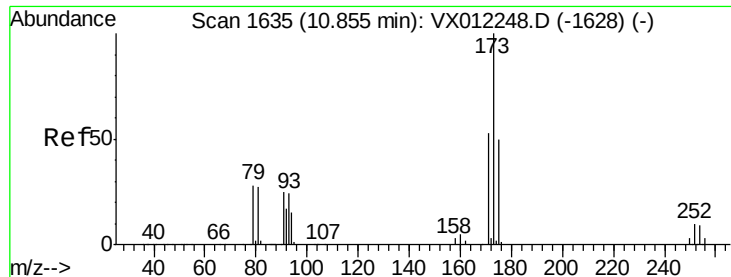
Tgt Ion:106 Resp: 51214
Ion Ratio Lower Upper
106 100
91 224.2 110.5 331.4



#70
Styrene
Concen: 21.679 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion:104 Resp: 91392
Ion Ratio Lower Upper
104 100
78 54.9 44.2 66.2
103 53.9 42.5 63.7





#71

Bromoform

Concen: 20.231 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

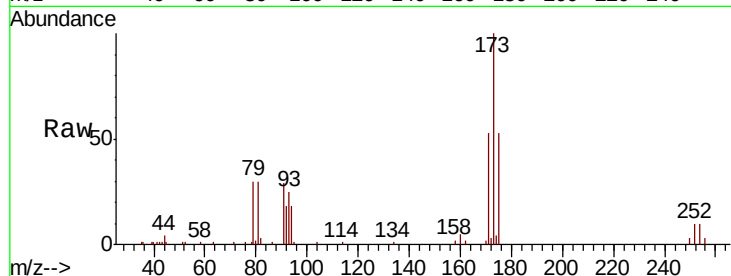
Tgt Ion:173 Resp: 14657

Ion Ratio Lower Upper

173 100

175 47.7 24.5 73.5

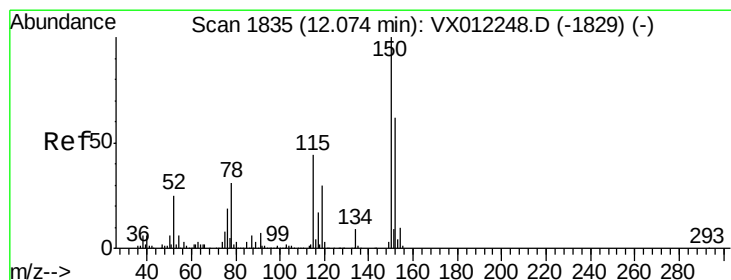
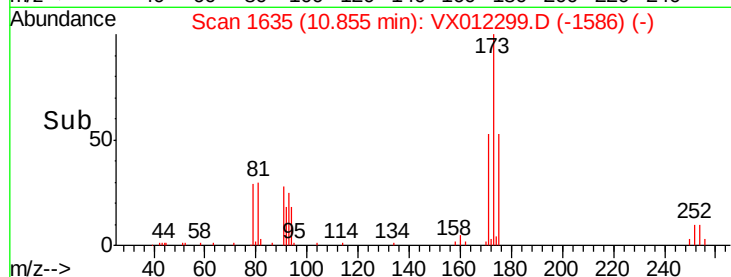
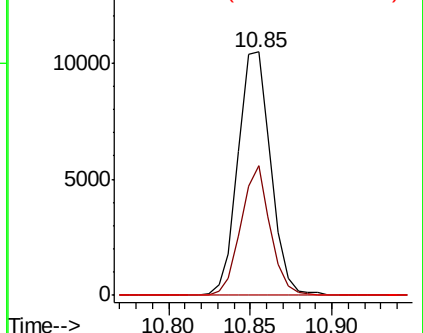
254 0.0 0.2 0.4#



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: VX012299.D

Acq: 11 Sep 2019 13:45

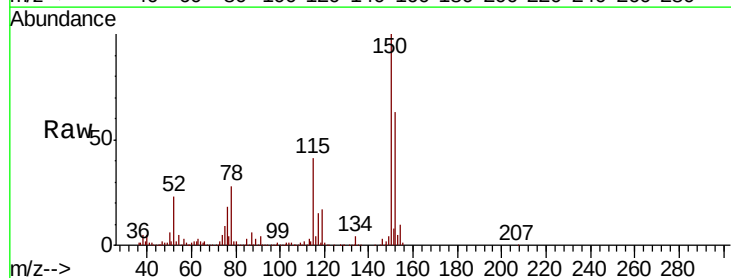
Tgt Ion:152 Resp: 103876

Ion Ratio Lower Upper

152 100

115 74.0 45.5 136.4

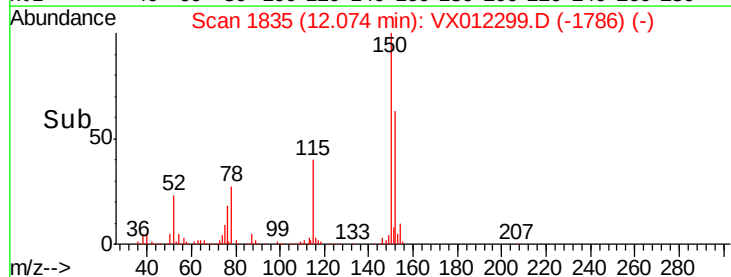
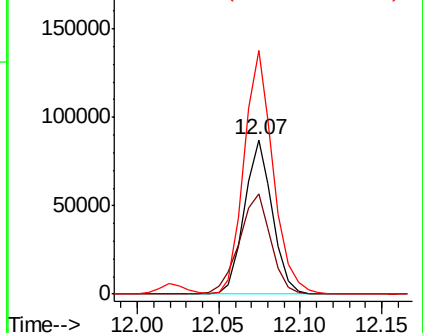
150 164.2 0.0 346.4

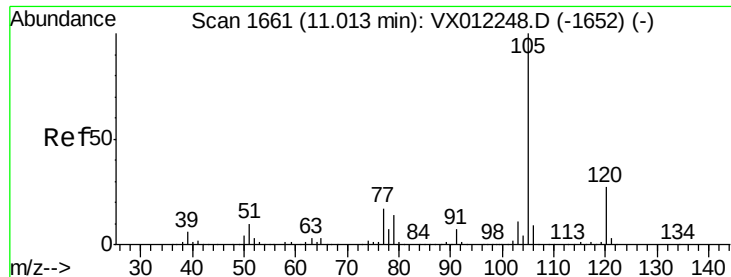


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.068 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

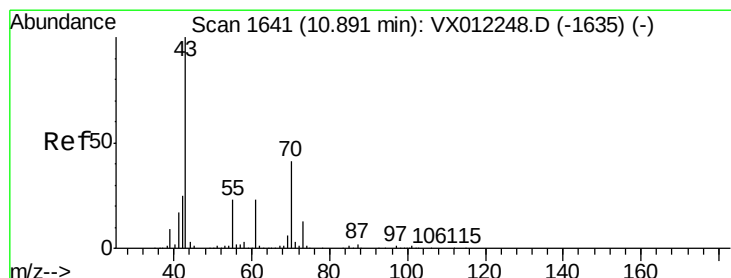
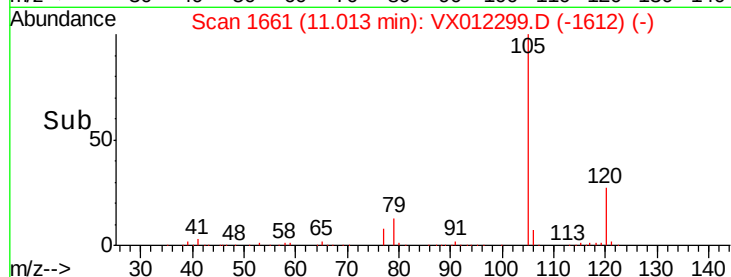
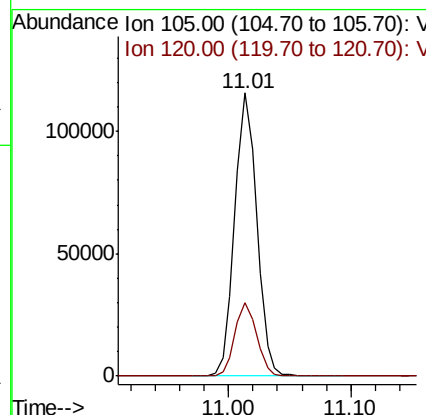
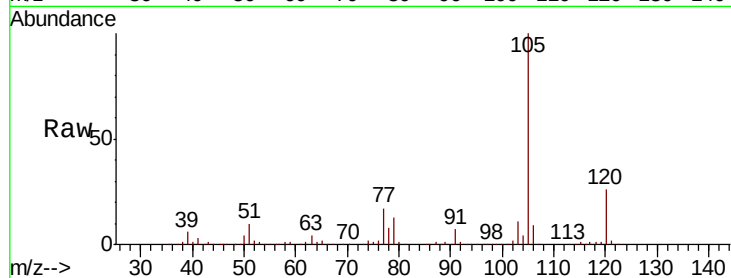
VX0911SBS01

Tgt Ion:105 Resp: 144075

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.5



#74

N-ethyl acetate

Concen: 20.653 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Tgt Ion: 43 Resp: 41993

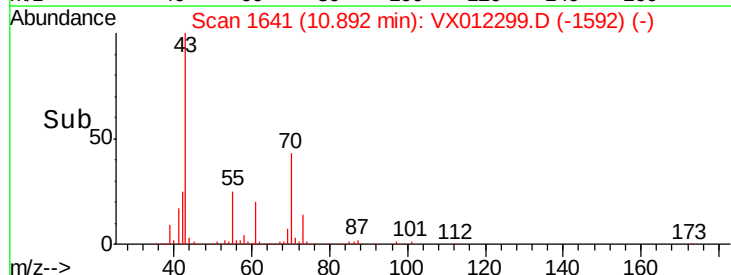
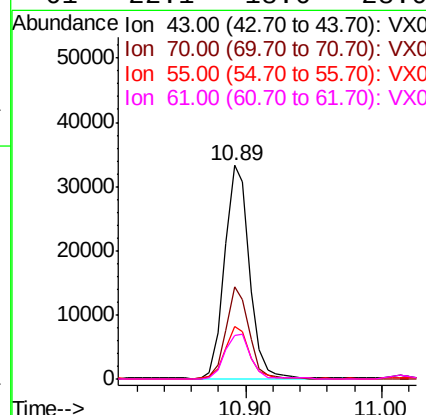
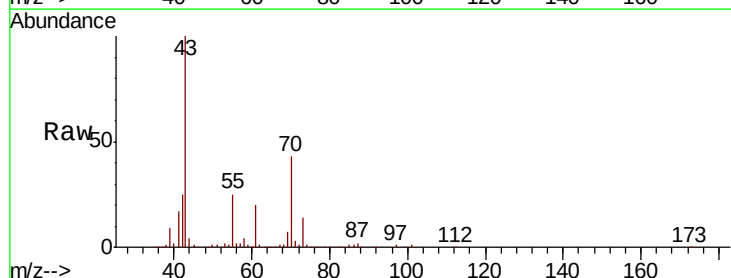
Ion Ratio Lower Upper

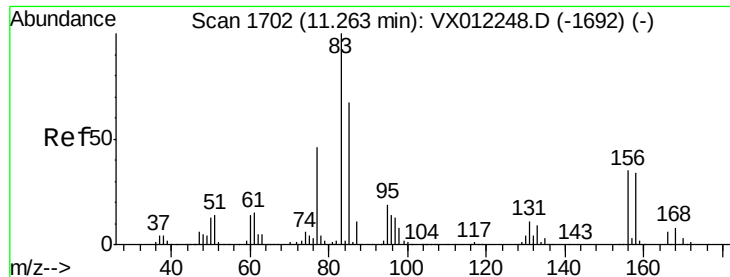
43 100

70 40.9 32.9 49.3

55 24.9 19.1 28.7

61 22.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.650 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

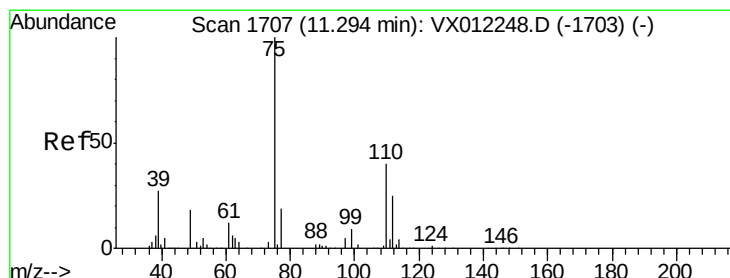
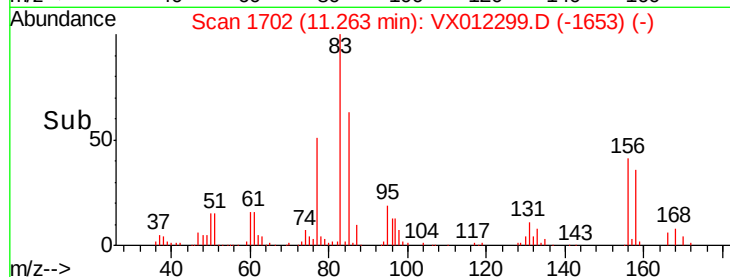
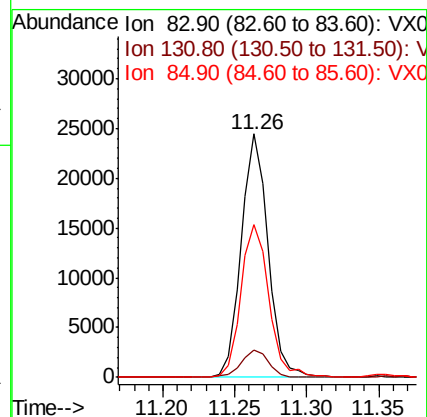
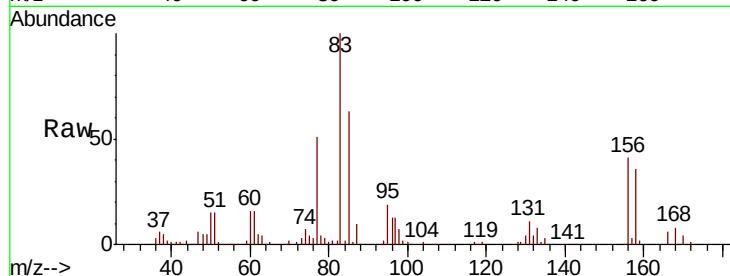
Tgt Ion: 83 Resp: 31797

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

85 65.5 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 24.692 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012299.D

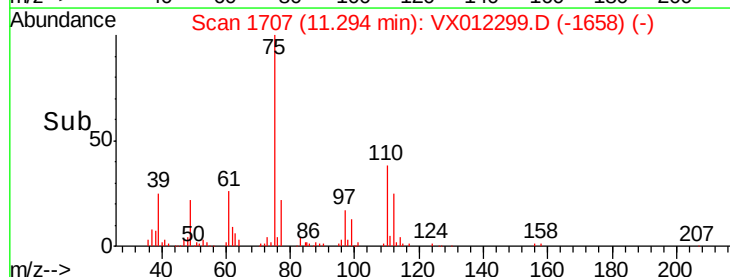
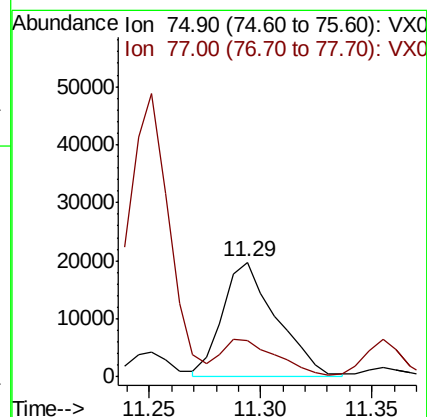
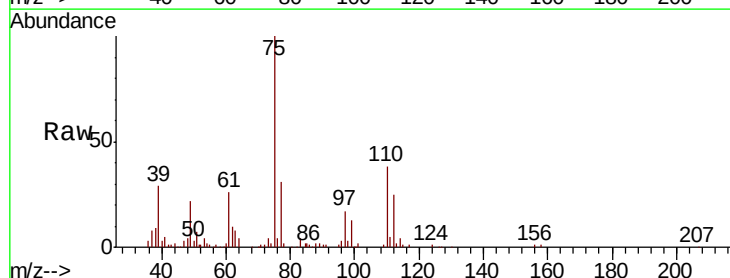
Acq: 11 Sep 2019 13:45

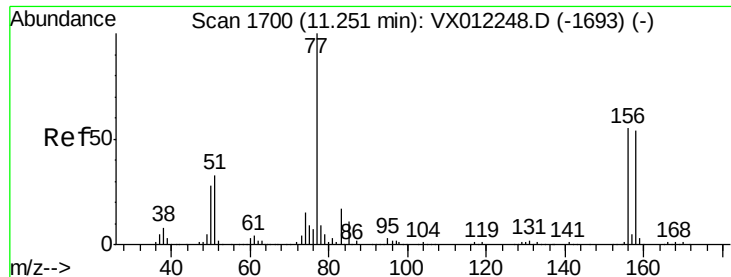
Tgt Ion: 75 Resp: 32950

Ion Ratio Lower Upper

75 100

77 33.8 19.7 59.0





#77

Bromobenzene

Concen: 21.782 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

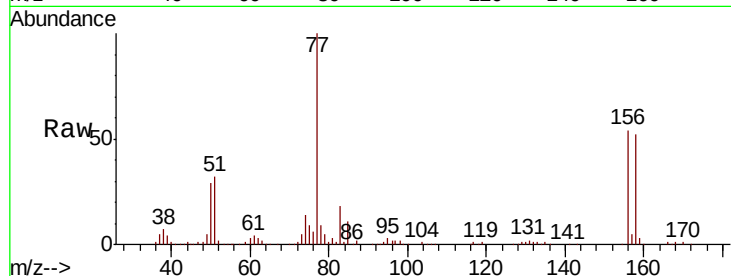
Tgt Ion:156 Resp: 34295

Ion Ratio Lower Upper

156 100

77 182.0 92.2 276.6

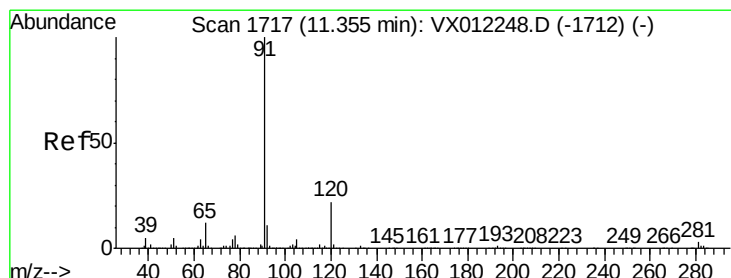
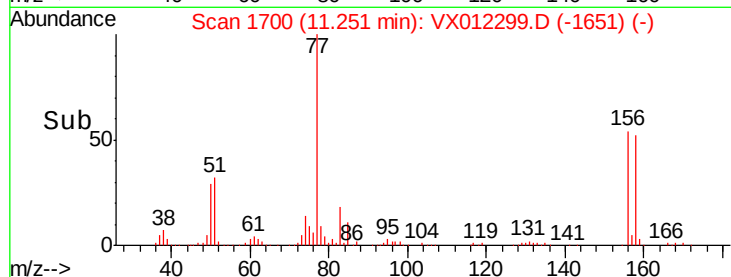
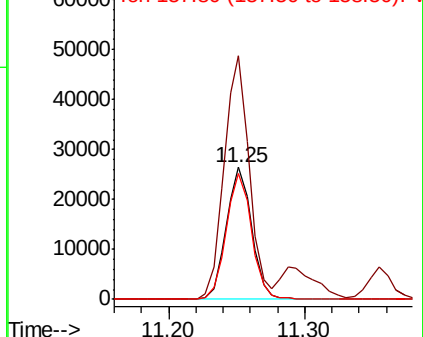
158 95.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.890 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012299.D

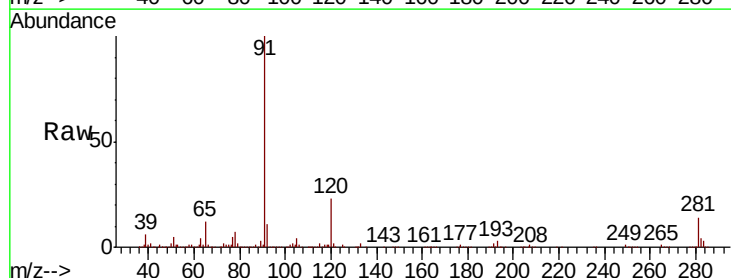
Acq: 11 Sep 2019 13:45

Tgt Ion: 91 Resp: 172512

Ion Ratio Lower Upper

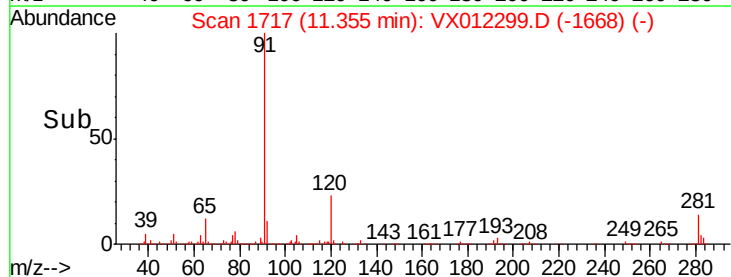
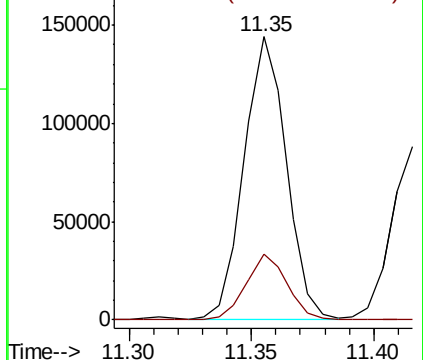
91 100

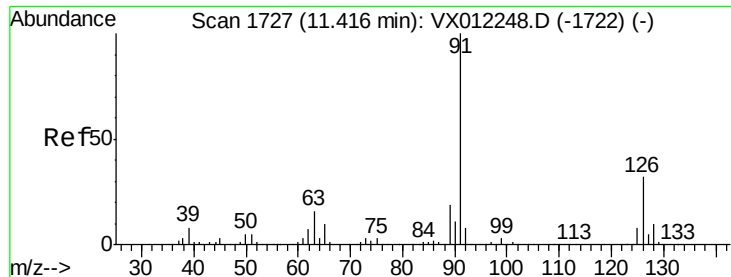
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

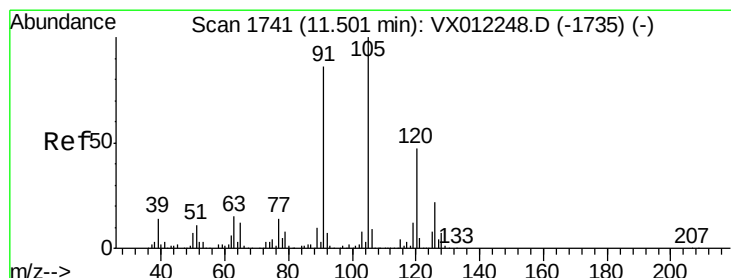
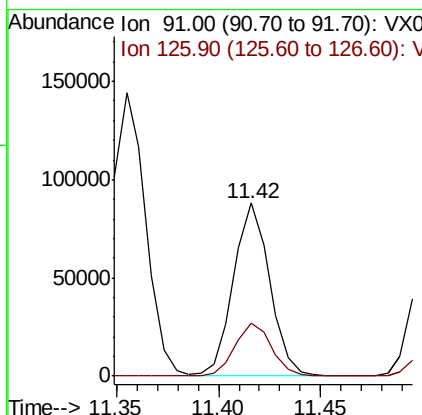
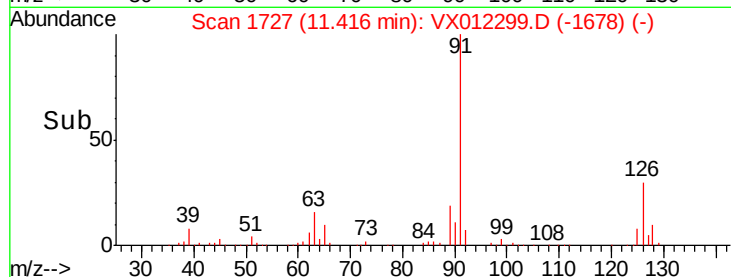
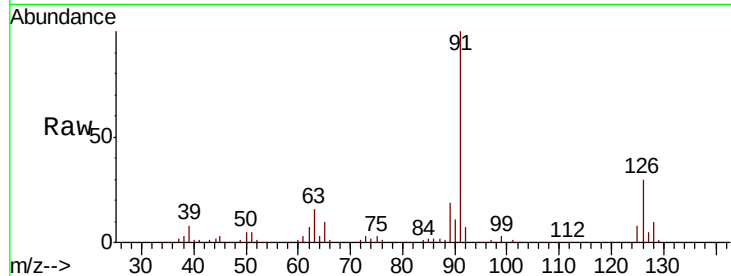




#79
 2-Chlorotoluene
 Concen: 21.066 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

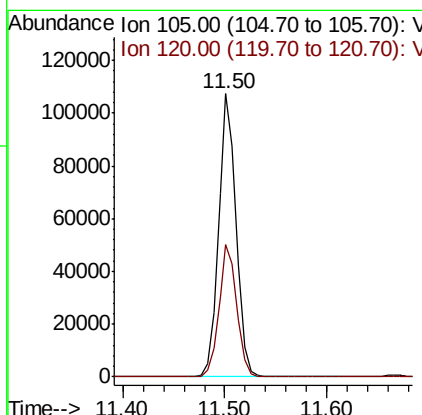
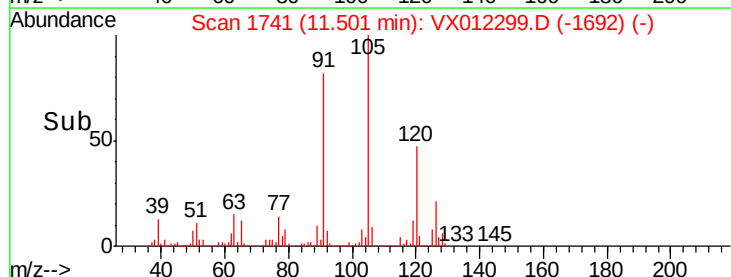
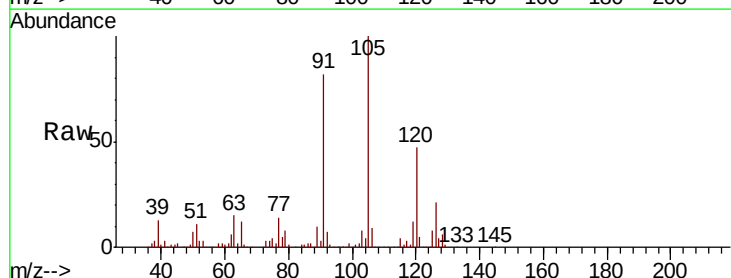
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

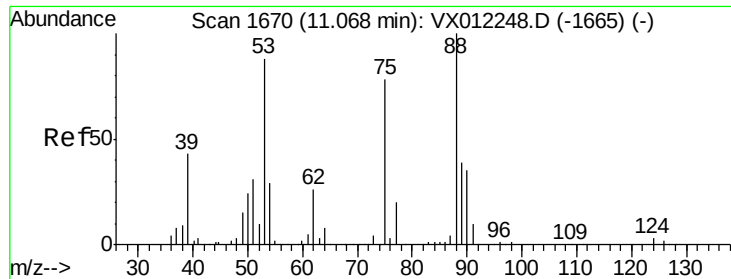
Tgt Ion: 91 Resp: 107783
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.017 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 105 Resp: 129247
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.551 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

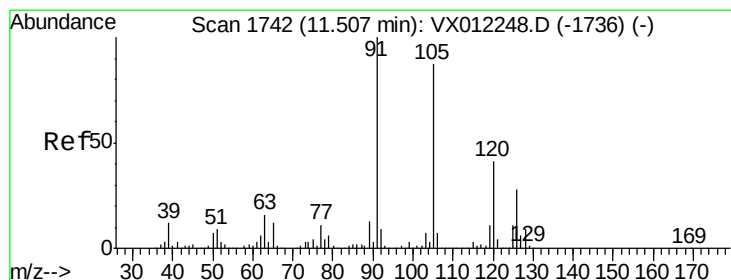
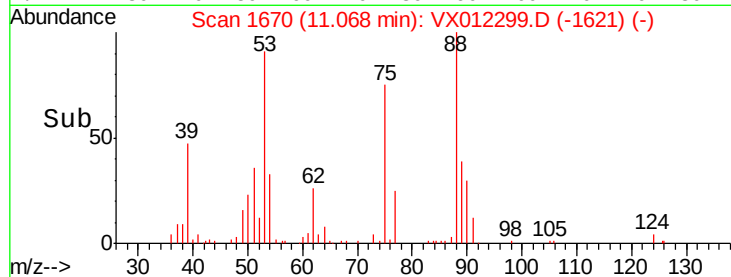
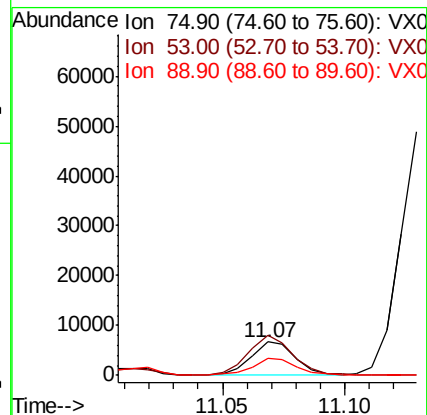
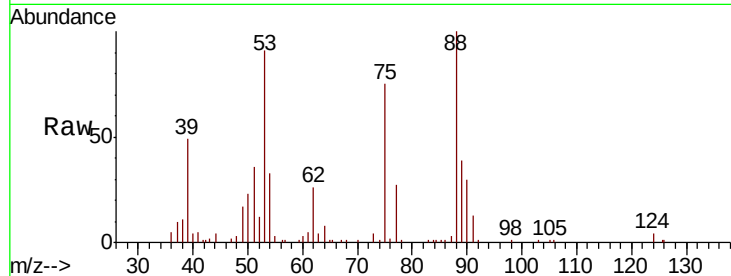
Tgt Ion: 75 Resp: 8262

Ion Ratio Lower Upper

75 100

53 125.0 88.1 132.1

89 54.4 43.5 65.3



#82

4-Chlorotoluene

Concen: 21.327 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012299.D

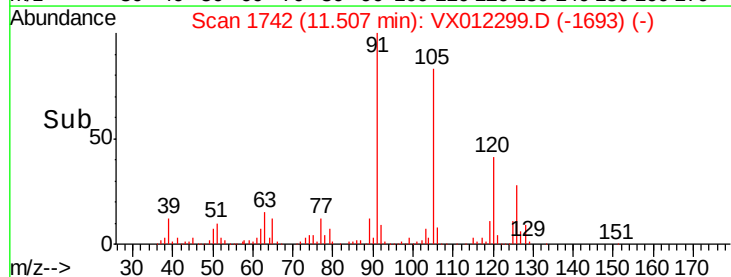
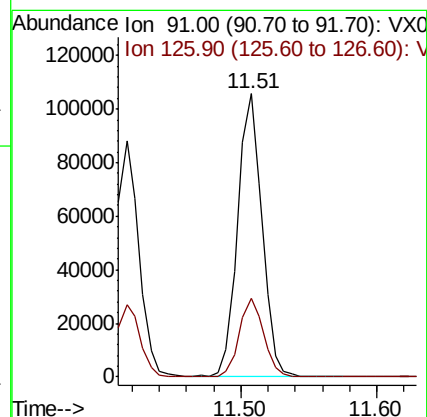
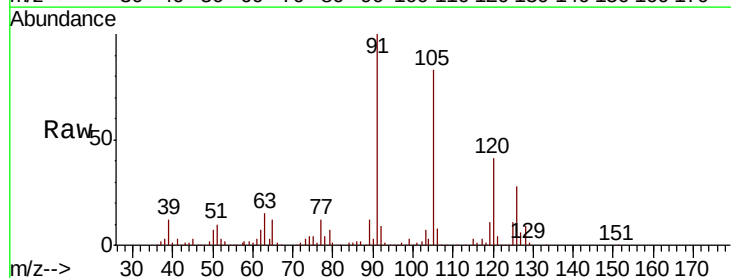
Acq: 11 Sep 2019 13:45

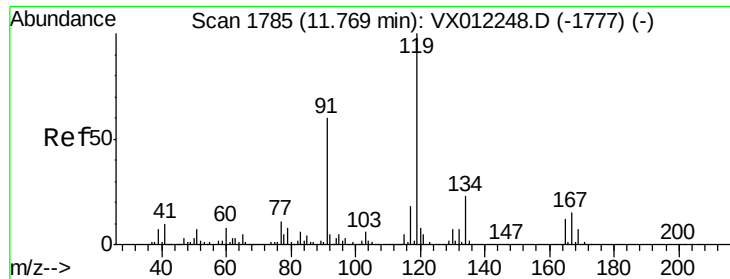
Tgt Ion: 91 Resp: 131135

Ion Ratio Lower Upper

91 100

126 27.9 14.0 42.0

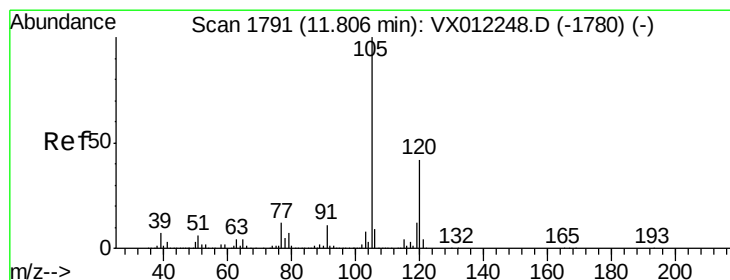
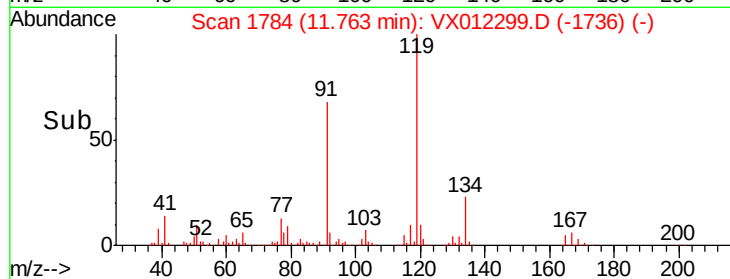
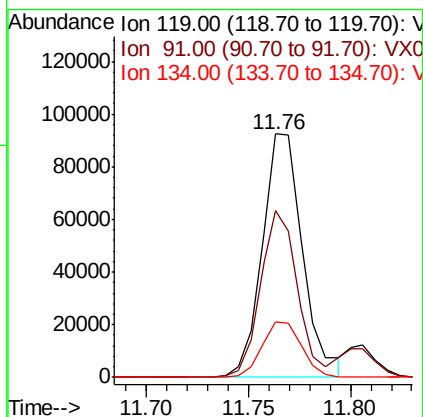
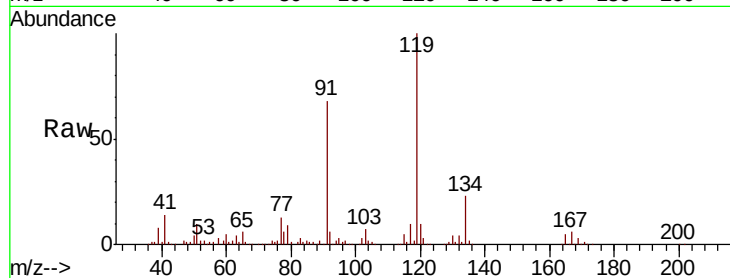




#83
 tert-Butylbenzene
 Concen: 21.381 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

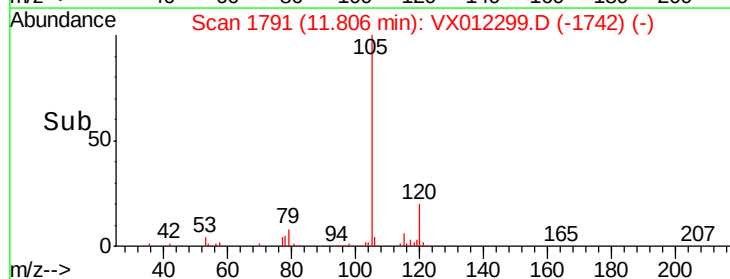
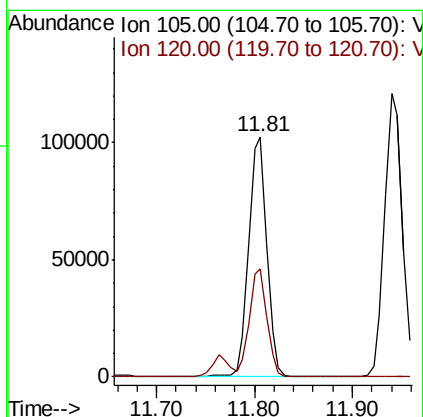
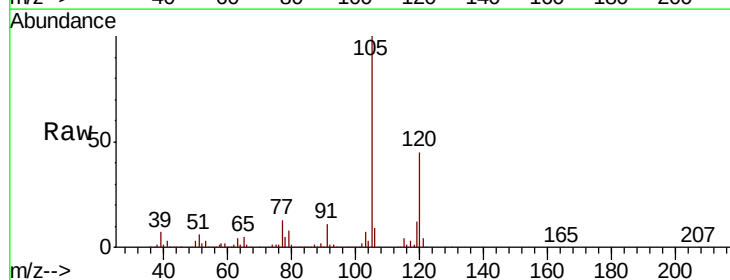
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

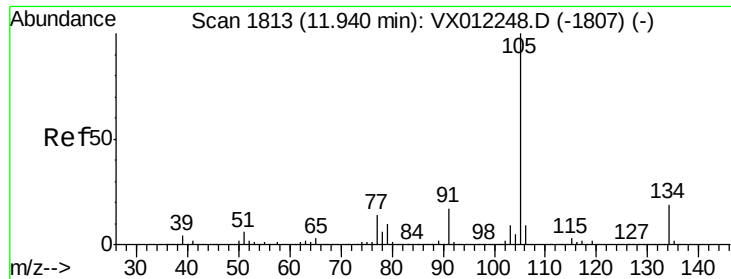
Tgt Ion:119 Resp: 127677
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.9 92.8
 134 22.3 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.829 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion:105 Resp: 132416
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.3 63.9

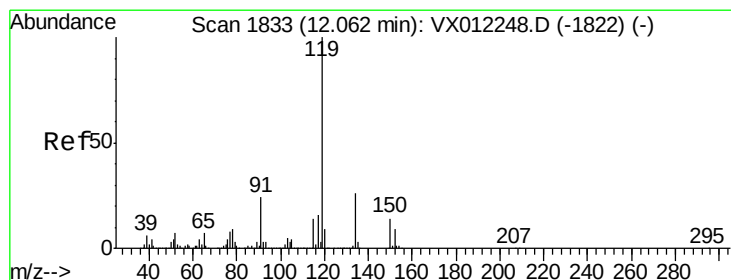
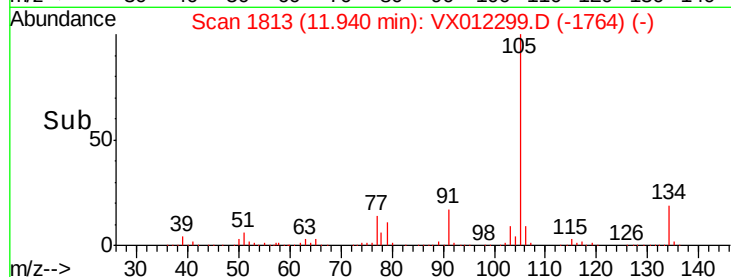
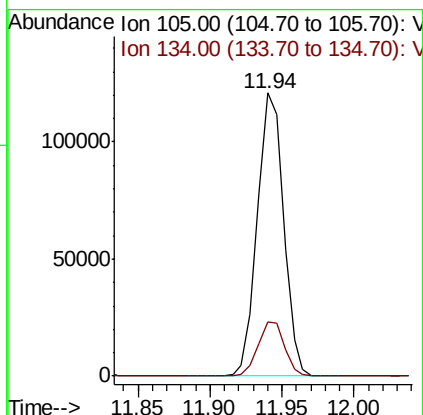
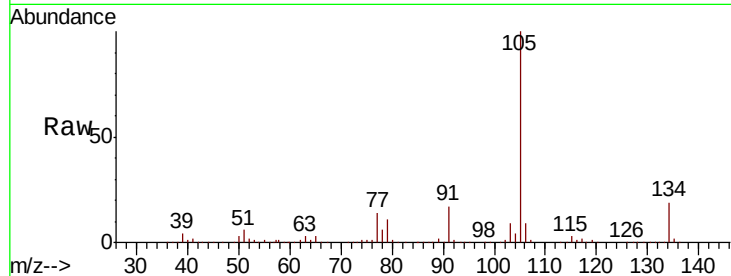




#85
 sec-Butylbenzene
 Concen: 21.328 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

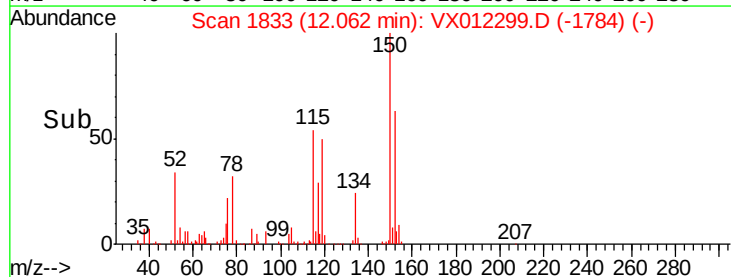
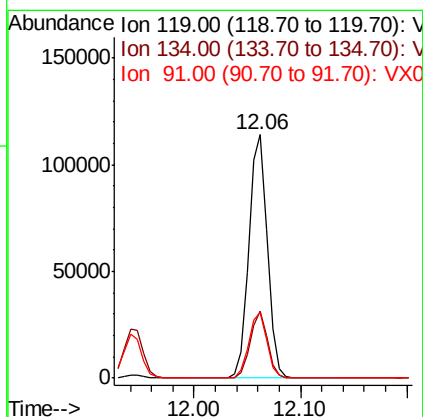
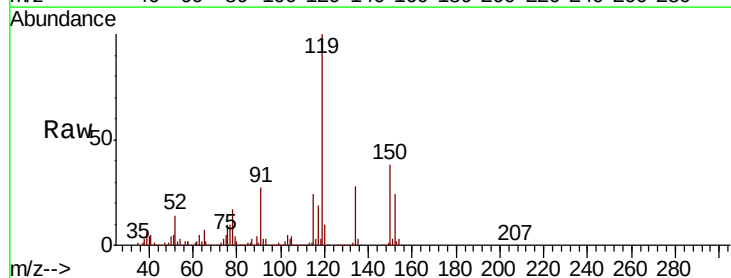
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

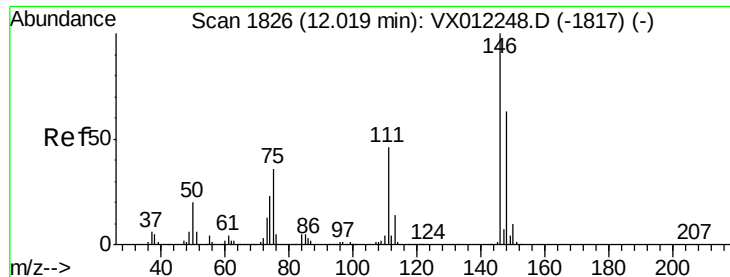
Tgt Ion:105 Resp: 151966
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 21.170 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion:119 Resp: 139369
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 26.4 13.1 39.1

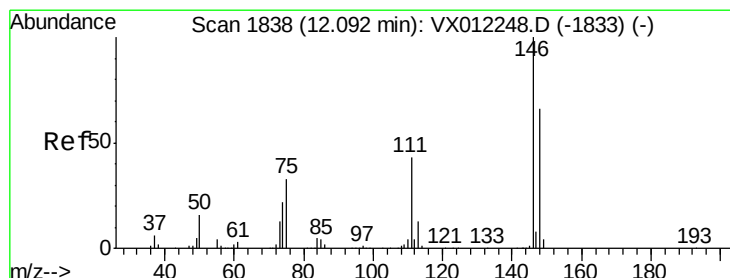
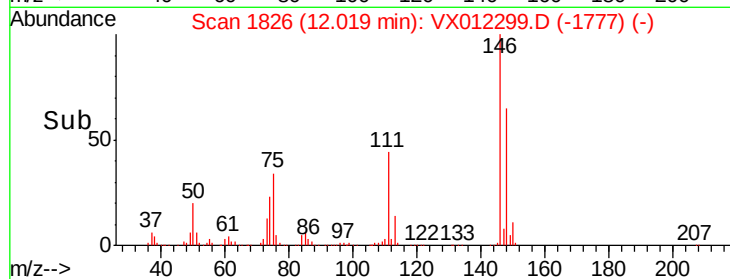
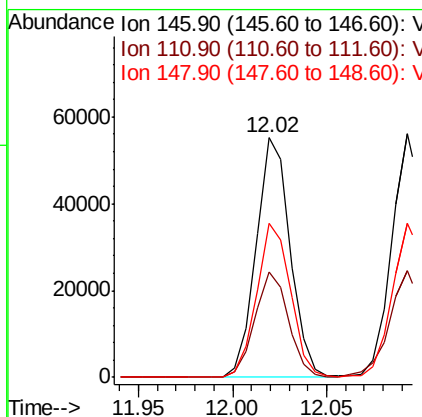
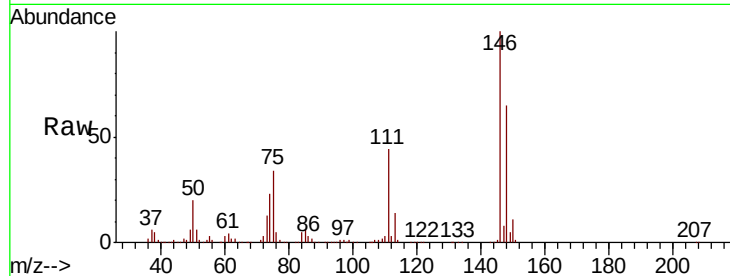




#87
 1,3-Dichlorobenzene
 Concen: 21.523 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

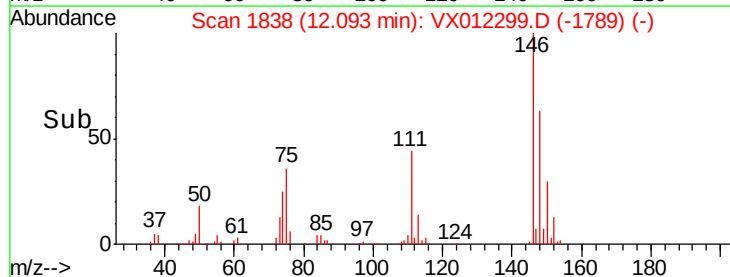
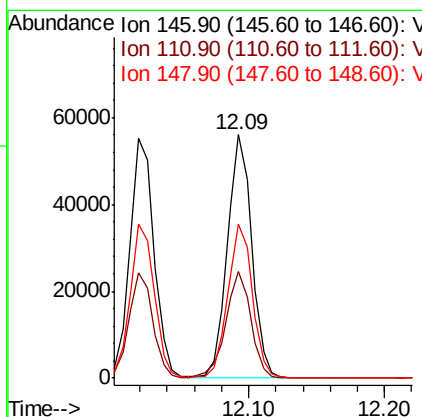
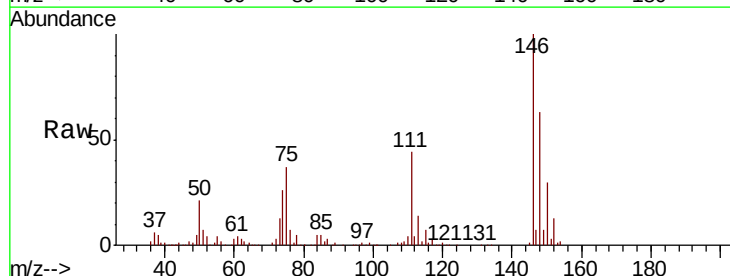
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

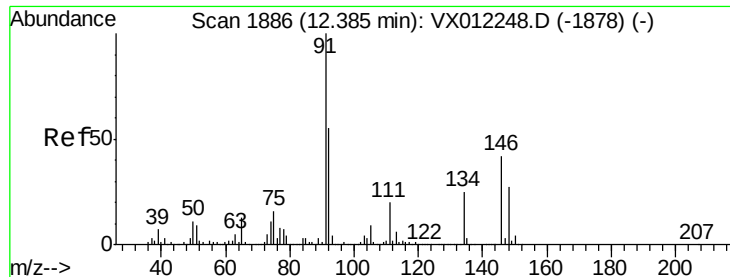
Tgt Ion:146 Resp: 69029
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.3 66.8
 148 64.3 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.504 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion:146 Resp: 69741
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.6 64.8
 148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 20.943 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012299.D

Acq: 11 Sep 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

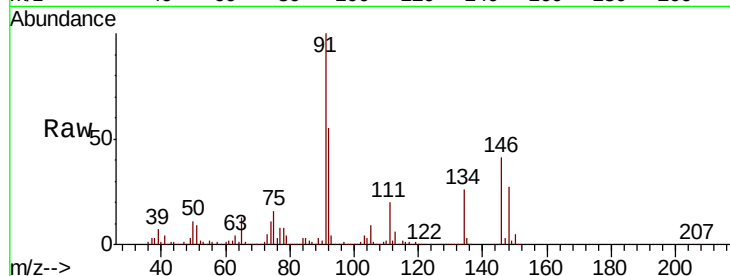
Tgt Ion: 91 Resp: 135136

Ion Ratio Lower Upper

91 100

92 55.2 27.6 82.7

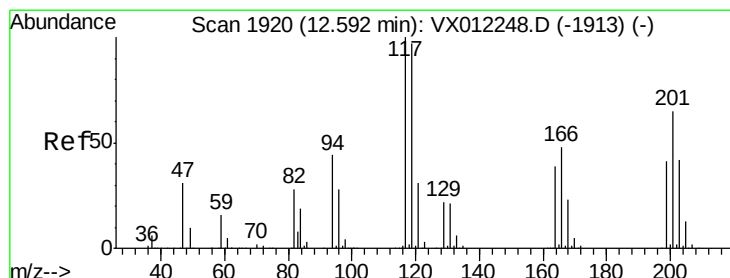
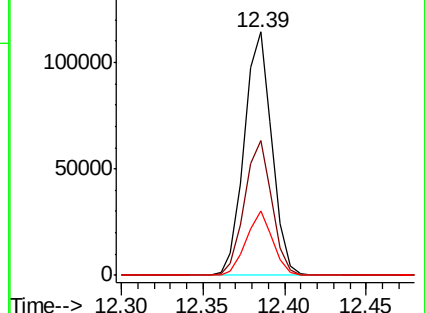
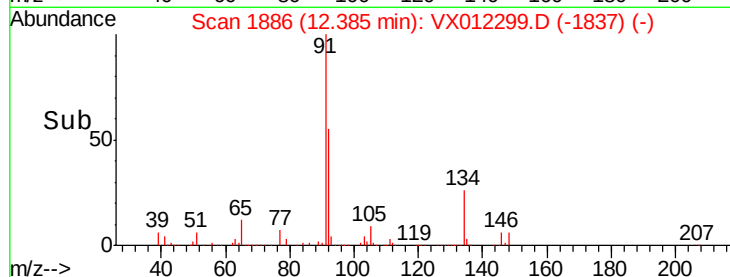
134 25.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.041 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012299.D

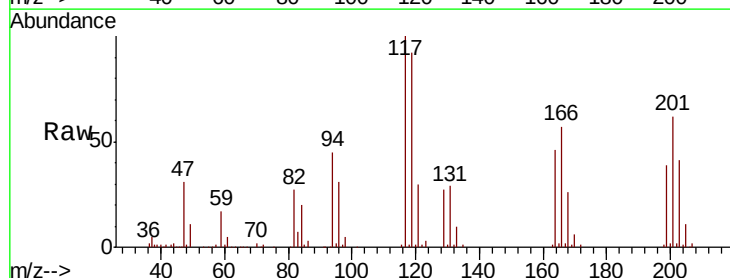
Acq: 11 Sep 2019 13:45

Tgt Ion: 117 Resp: 24302

Ion Ratio Lower Upper

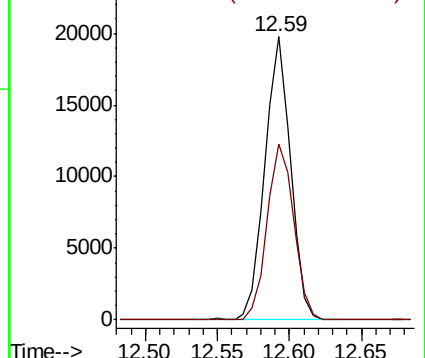
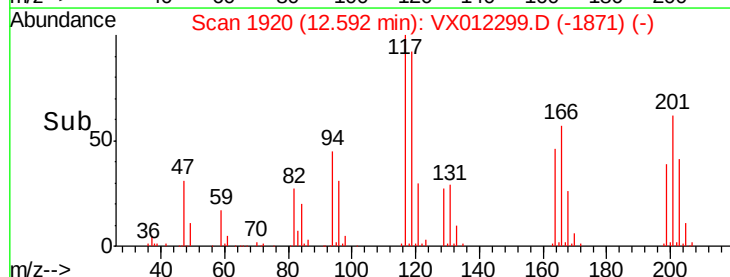
117 100

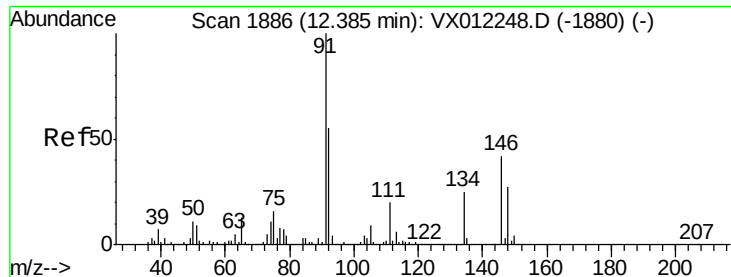
201 64.7 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

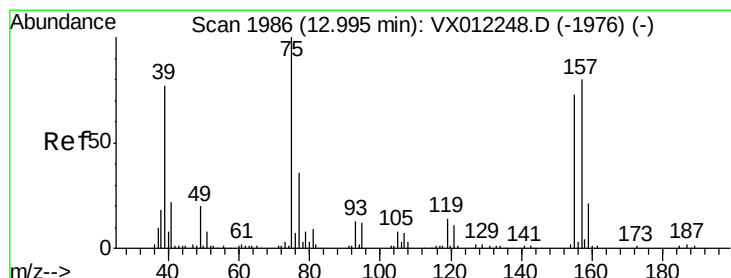
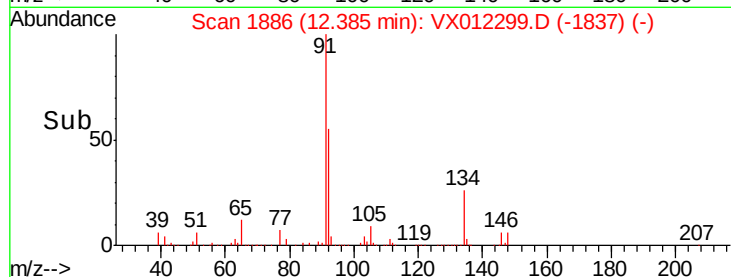
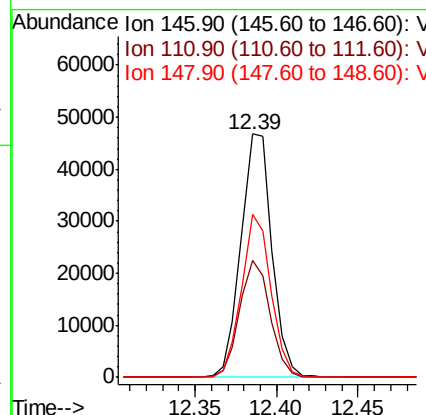
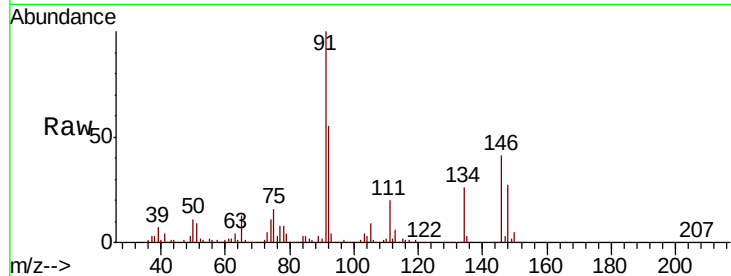




#91
 1,2-Dichlorobenzene
 Concen: 20.933 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

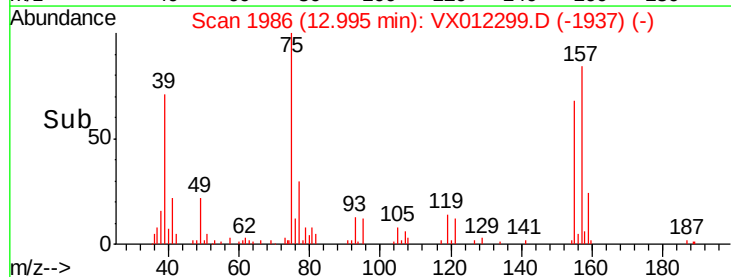
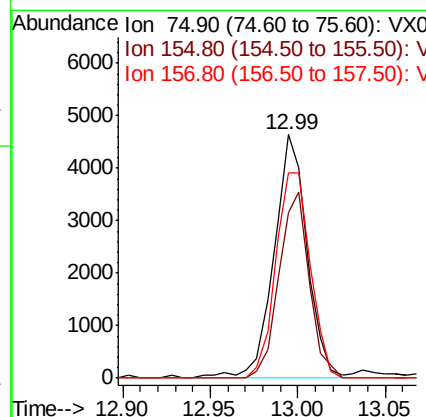
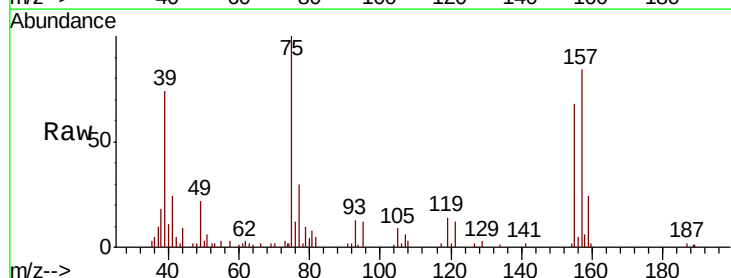
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

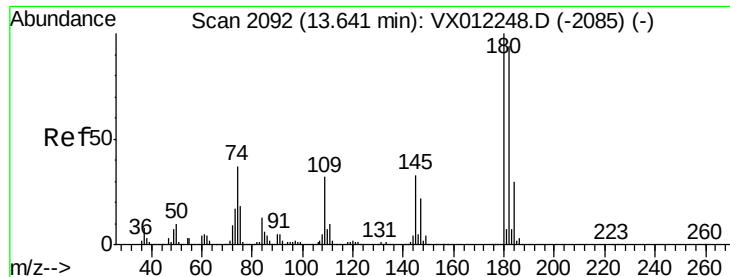
Tgt Ion:146 Resp: 62104
 Ion Ratio Lower Upper
 146 100
 111 47.5 23.2 69.6
 148 63.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.539 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion: 75 Resp: 6157
 Ion Ratio Lower Upper
 75 100
 155 69.5 35.3 105.7
 157 87.9 43.2 129.6

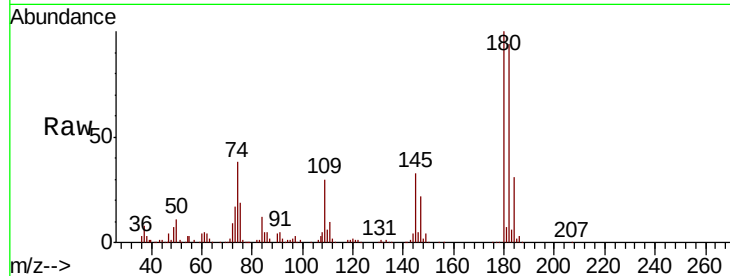




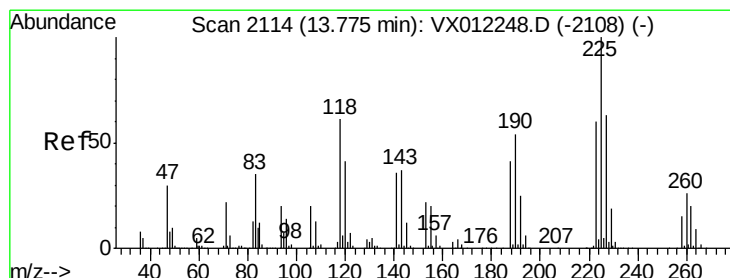
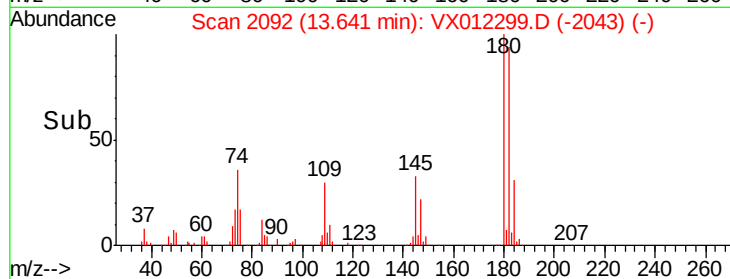
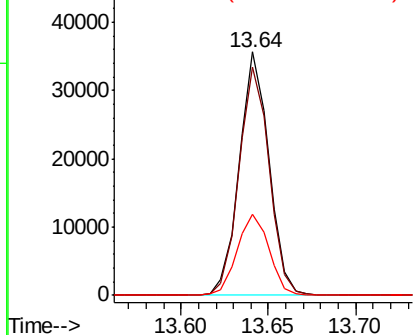
#93
 1,2,4-Trichlorobenzene
 Concen: 20.477 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

Tgt Ion:180 Resp: 41954
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.8
 145 35.6 17.1 51.2

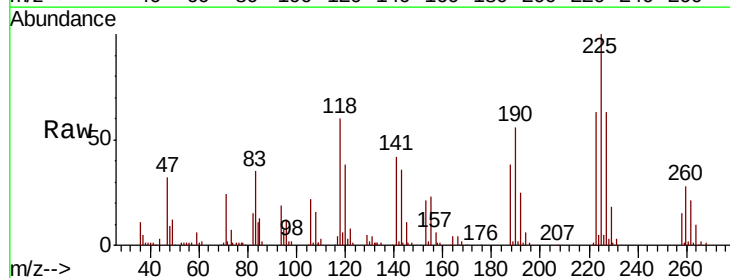


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

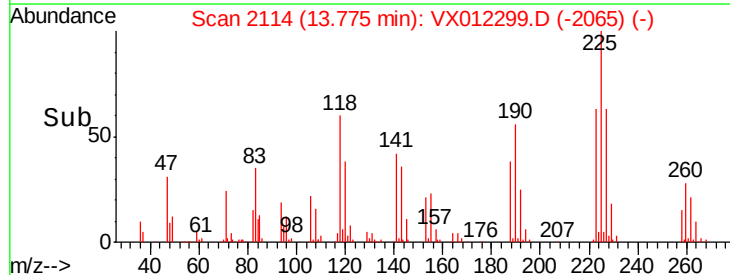
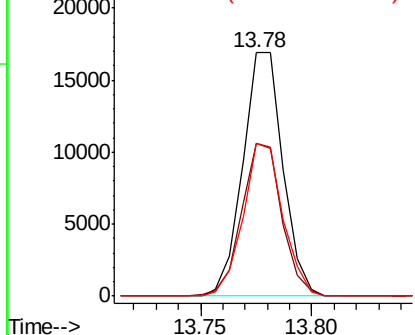


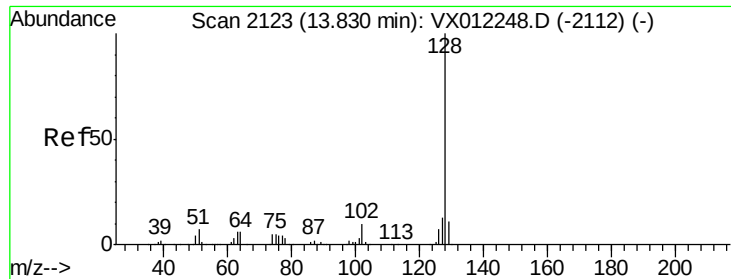
#94
 Hexachlorobutadiene
 Concen: 20.944 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX012299.D
 Acq: 11 Sep 2019 13:45

Tgt Ion:225 Resp: 21348
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.1 96.5
 227 61.9 32.5 97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

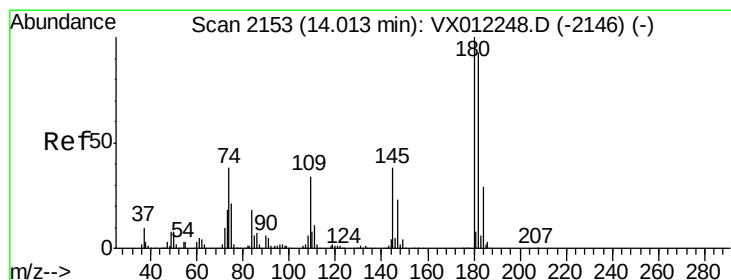
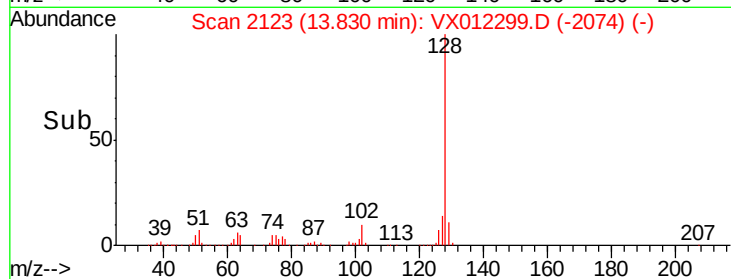
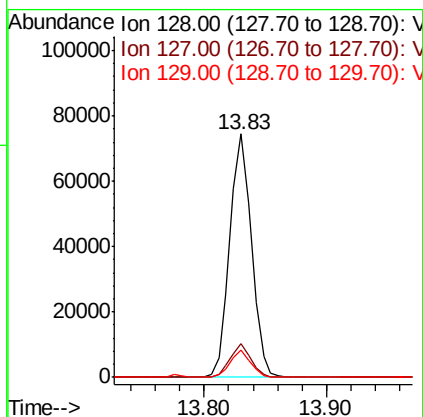
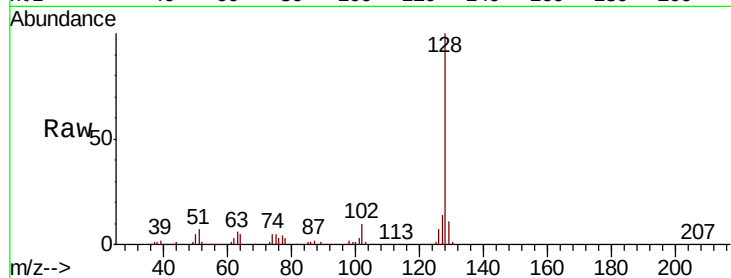




#95
Naphthalene
Concen: 20.823 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

Tgt Ion:128 Resp: 91557
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.404 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012299.D
Acq: 11 Sep 2019 13:45

Tgt Ion:180 Resp: 38802
Ion Ratio Lower Upper
180 100
182 97.0 47.0 141.0
145 37.0 18.6 55.8

