

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103019\
 Data File : VX013277.D
 Acq On : 30 Oct 2019 10:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 01:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	96025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	98784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	70968	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	72737	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	56661	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.71	98	202756	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	83733	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	70157	49.127	ug/l	98
3) Chloromethane	1.32	50	52907	45.085	ug/l	95
4) Vinyl Chloride	1.40	62	57536	44.768	ug/l	98
5) Bromomethane	1.63	94	32477	47.676	ug/l	99
6) Chloroethane	1.71	64	36976	51.486	ug/l	100
7) Trichlorofluoromethane	1.92	101	109512	53.975	ug/l	97
8) Diethyl Ether	2.18	74	34065	48.975	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63970	50.933	ug/l	97
10) Methyl Iodide	2.50	142	77649	49.138	ug/l	98
11) Tert butyl alcohol	3.03	59	73378	228.406	ug/l	100
12) 1,1-Dichloroethene	2.36	96	57670	47.834	ug/l	98
13) Acrolein	2.28	56	36239	208.660	ug/l	96
14) Allyl chloride	2.72	41	88944	46.860	ug/l	96
15) Acrylonitrile	3.13	53	152637	233.937	ug/l	99
16) Acetone	2.43	43	184837	265.042	ug/l	100
17) Carbon Disulfide	2.56	76	144447	44.564	ug/l	98
18) Methyl Acetate	2.76	43	73993	48.618	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	217203	51.159	ug/l	100
20) Methylene Chloride	2.84	84	66153	50.721	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	63716	50.785	ug/l	90
22) Diisopropyl ether	3.84	45	181221	48.830	ug/l	92
23) Vinyl Acetate	3.80	43	783253	248.305	ug/l	99
24) 1,1-Dichloroethane	3.69	63	113068	49.532	ug/l	99
25) 2-Butanone	4.65	43	220726	236.003	ug/l	97
26) 2,2-Dichloropropane	4.56	77	112076	53.124	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	73150	49.542	ug/l	99
28) Bromochloromethane	5.00	49	30340	51.545	ug/l	97
29) Tetrahydrofuran	5.11	42	124479	220.807	ug/l	98
30) Chloroform	5.19	83	126202	51.925	ug/l	99
31) Cyclohexane	5.56	56	93231	48.700	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	117708	54.469	ug/l	99
36) 1,1-Dichloropropene	5.78	75	90321	56.201	ug/l	99
37) Ethyl Acetate	4.81	43	79620	49.757	ug/l	99
38) Carbon Tetrachloride	5.77	117	103848	58.509	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107261	52.177	ug/l	99
40) Benzene	6.13	78	252819	52.417	ug/l	99
41) Methacrylonitrile	5.02	41	44338	51.681	ug/l	98
42) 1,2-Dichloroethane	6.18	62	103603	56.971	ug/l	99
43) Isopropyl Acetate	6.43	43	138778	52.235	ug/l	100
44) Trichloroethene	7.20	130	73508	53.699	ug/l	93
45) 1,2-Dichloropropane	7.50	63	61650	51.033	ug/l	98
46) Dibromomethane	7.65	93	47113	54.131	ug/l	99
47) Bromodichloromethane	7.89	83	99413	58.611	ug/l	97
48) Methyl methacrylate	7.76	41	68803	52.396	ug/l	99
49) 1,4-Dioxane	7.73	88	30485	912.156	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	407852	251.853	ug/l	99
52) Toluene	8.78	92	168551	52.731	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	106449	59.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	113566	57.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68904	54.523	ug/l	97
56) Ethyl methacrylate	9.17	69	105807	55.628	ug/l	98
57) 1,3-Dichloropropane	9.36	76	112815	52.907	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	226123	304.680	ug/l	98
59) 2-Hexanone	9.48	43	324413	260.068	ug/l	99
60) Dibromochloromethane	9.57	129	79693	60.181	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73216	54.573	ug/l	100
64) Tetrachloroethene	9.33	164	72127	59.543	ug/l	97
65) Chlorobenzene	10.14	112	184230	53.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	72227	56.541	ug/l	100
67) Ethyl Benzene	10.25	91	335664	54.221	ug/l	100
68) m/p-Xylenes	10.35	106	250739	107.175	ug/l	99
69) o-Xylene	10.70	106	121262	54.032	ug/l	99
70) Styrene	10.71	104	209472	54.205	ug/l	97
71) Bromoform	10.85	173	57247	61.332	ug/l #	99
73) Isopropylbenzene	11.01	105	338444	52.516	ug/l	98
74) N-amyl acetate	10.89	43	118036	49.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	100618	51.419	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	119205	69.692	ug/l	91
77) Bromobenzene	11.25	156	81422	52.714	ug/l	95
78) n-propylbenzene	11.35	91	361132	51.588	ug/l	99
79) 2-Chlorotoluene	11.42	91	227908	51.527	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	281351	52.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34879	56.035	ug/l	98
82) 4-Chlorotoluene	11.51	91	252158	50.315	ug/l	97
83) tert-Butylbenzene	11.76	119	280716	52.968	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	297398	55.042	ug/l	99
85) sec-Butylbenzene	11.94	105	326100	54.070	ug/l	100
86) p-Isopropyltoluene	12.06	119	305093	53.847	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	145716	52.220	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	145146	51.089	ug/l	99
89) n-Butylbenzene	12.39	91	263172	56.780	ug/l	97
90) Hexachloroethane	12.59	117	53335	56.210	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	143046	52.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25988	53.406	ug/l	99

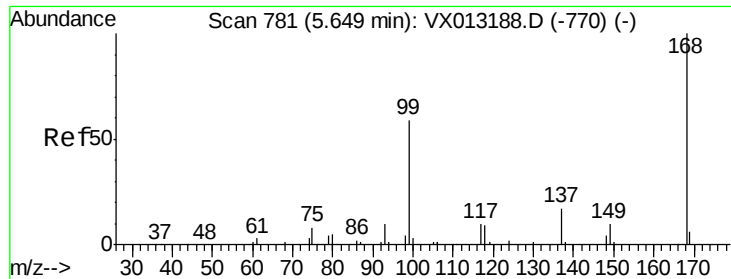
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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	92767	53.690	ug/l	95
94) Hexachlorobutadiene	13.78	225	49117	54.954	ug/l	99
95) Naphthalene	13.83	128	292976	55.248	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	94533	55.368	ug/l	99

(#) = 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: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

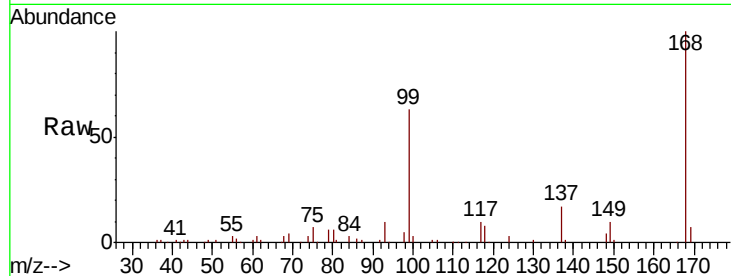
ClientSampleId :

Tot Ion:168 Resp: 70774

Ion Ratio Lower Upper

168 100

99 62.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

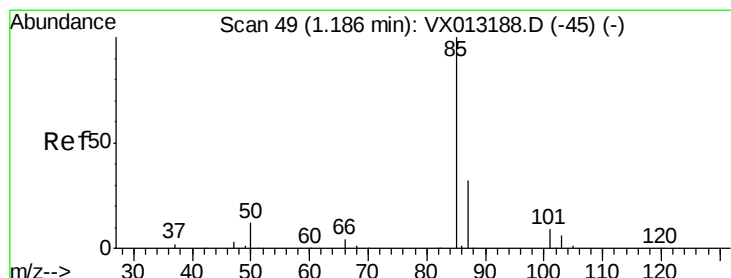
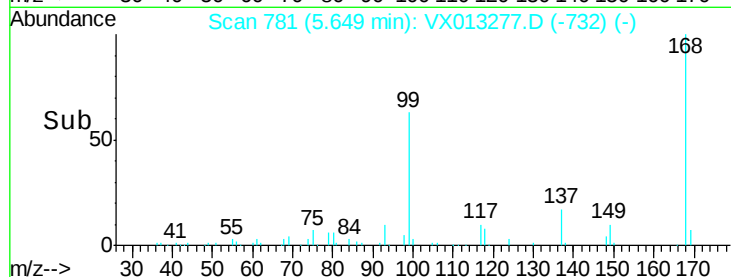
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.127 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013277.D

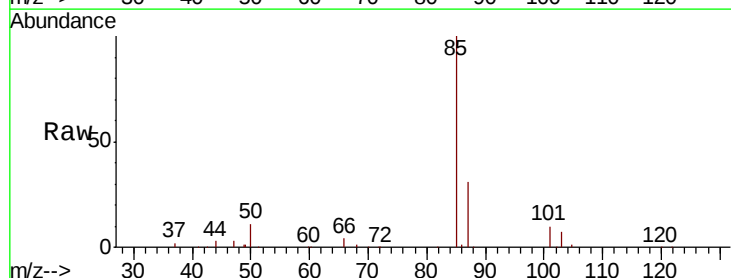
Acq: 30 Oct 2019 10:38

Tgt Ion: 85 Resp: 70157

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

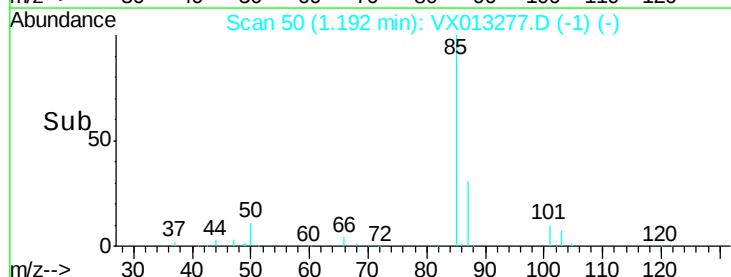
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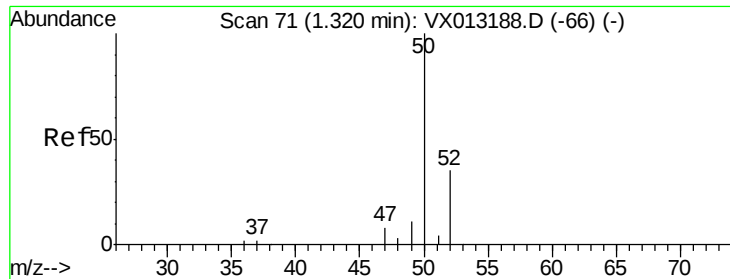
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.085 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

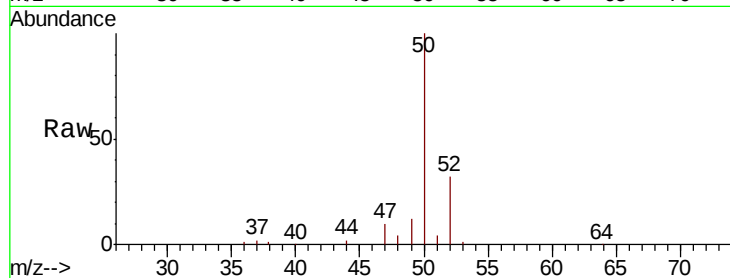
ClientSampled :

Tot Ion: 50 Resp: 52907

Ion Ratio Lower Upper

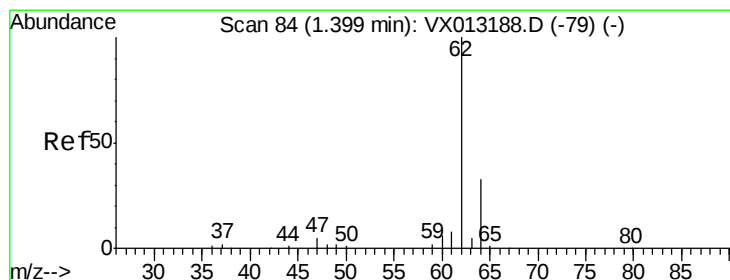
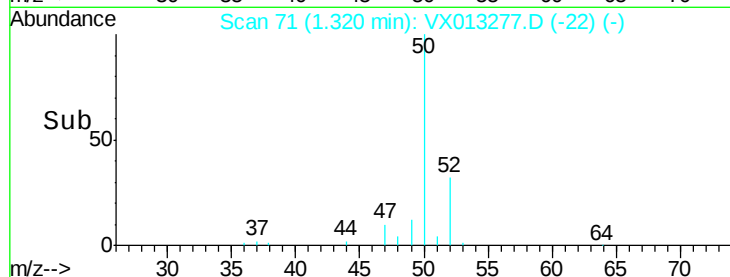
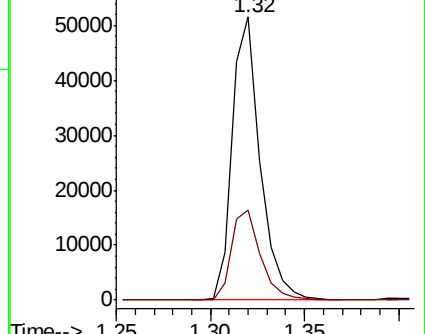
50 100

52 32.0 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.768 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013277.D

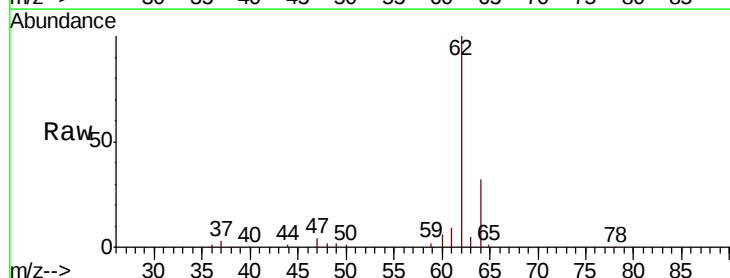
Acq: 30 Oct 2019 10:38

Tgt Ion: 62 Resp: 57536

Ion Ratio Lower Upper

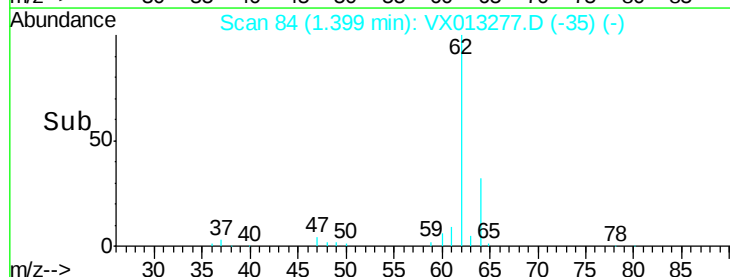
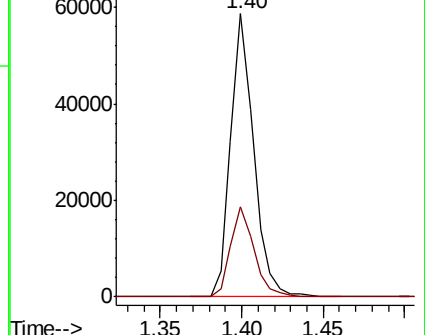
62 100

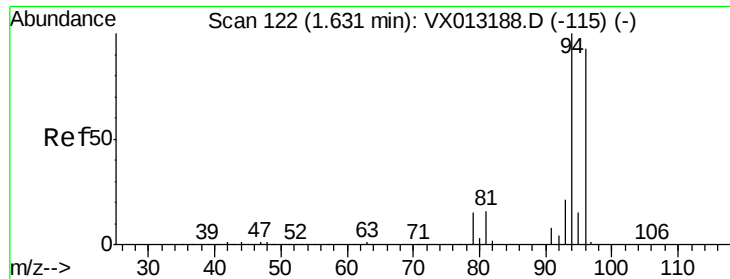
64 31.7 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

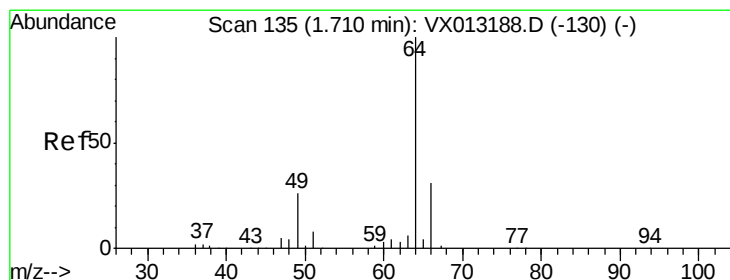
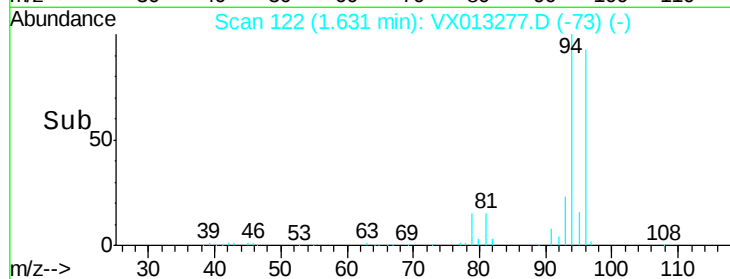
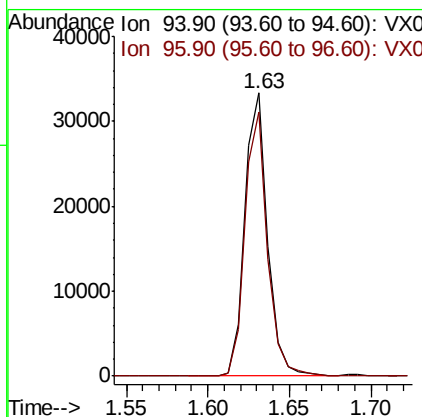
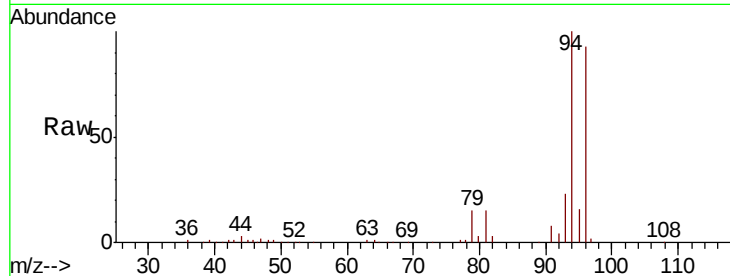




#5
 Bromomethane
 Concen: 47.676 ug/l
 RT: 1.63 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

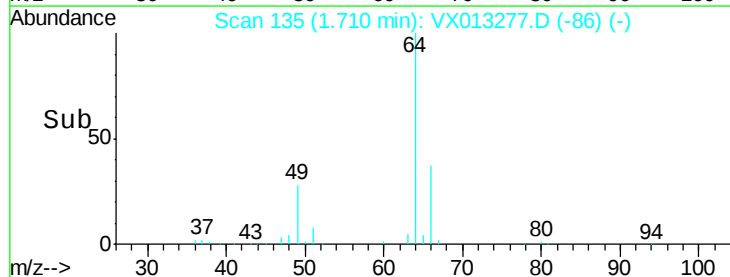
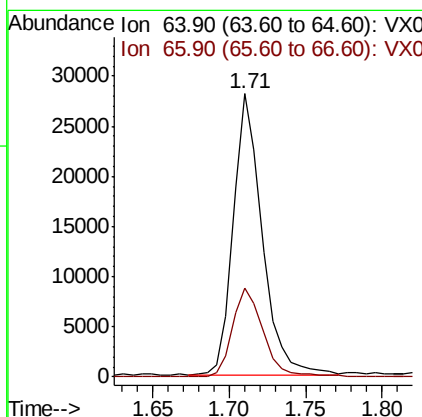
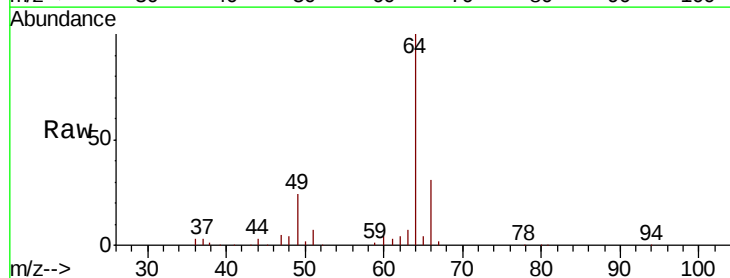
Instrument :
 MSVOA_X
 ClientSampleId :

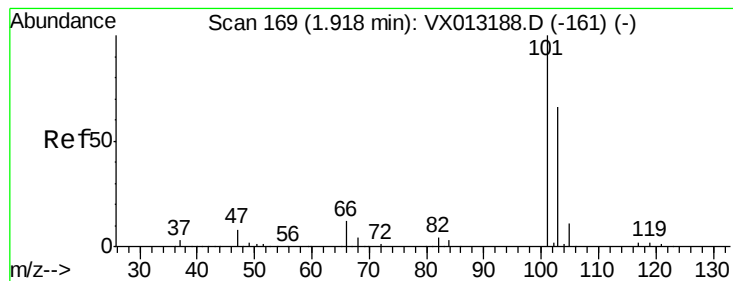
Tot Ion: 94 Resp: 32477
 Ion Ratio Lower Upper
 94 100
 96 93.2 74.2 111.2



#6
 Chloroethane
 Concen: 51.486 ug/l
 RT: 1.71 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 64 Resp: 36976
 Ion Ratio Lower Upper
 64 100
 66 31.3 25.0 37.6



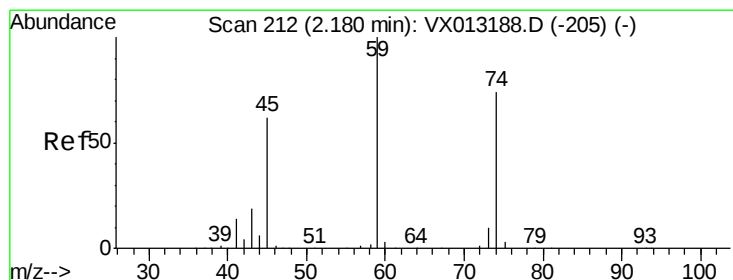
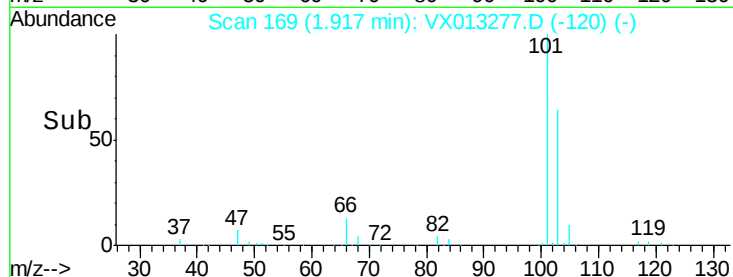
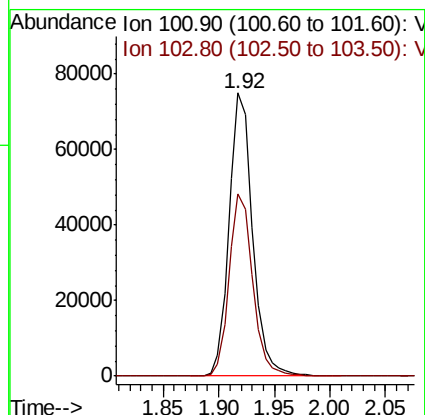
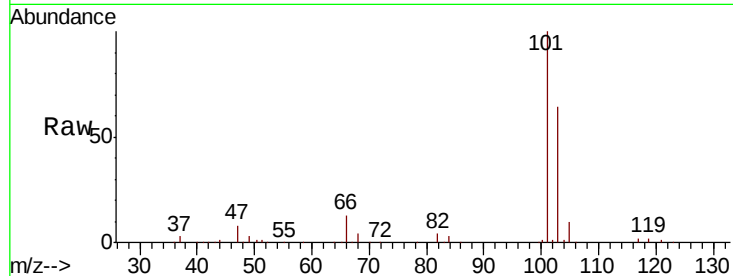


#7

Trichlorofluoromethane
Concen: 53.975 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :

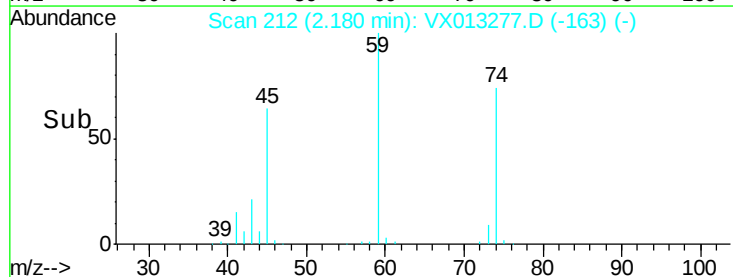
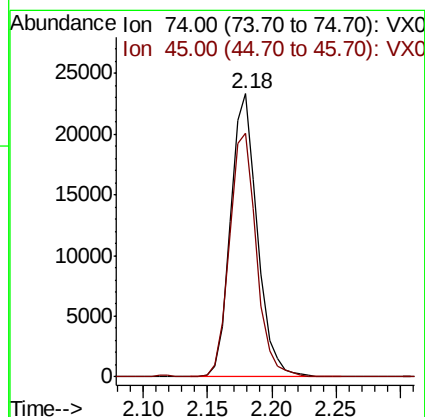
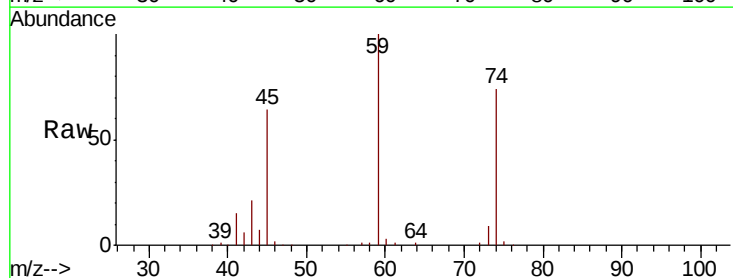
Tot Ion:101 Resp: 109512
Ion Ratio Lower Upper
101 100
103 64.2 53.0 79.6

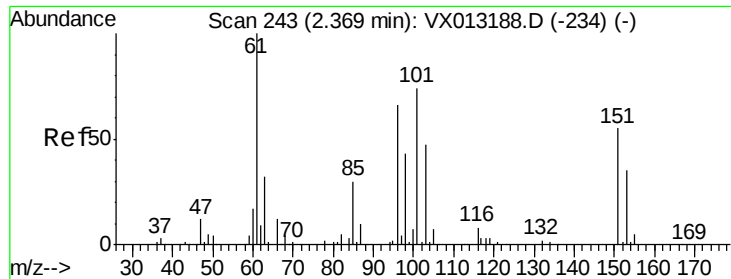


#8

Diethyl Ether
Concen: 48.975 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 74 Resp: 34065
Ion Ratio Lower Upper
74 100
45 86.6 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.933 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

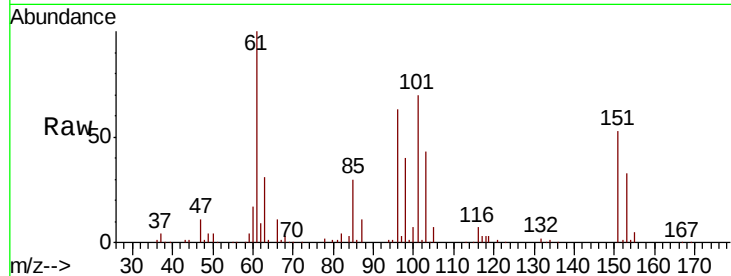
Tot Ion:101 Resp: 63970

Ion Ratio Lower Upper

101 100

85 43.5 34.0 51.0

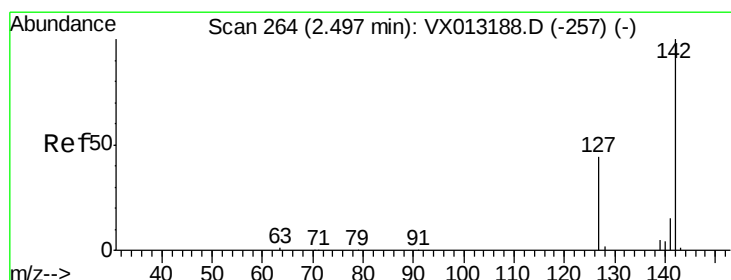
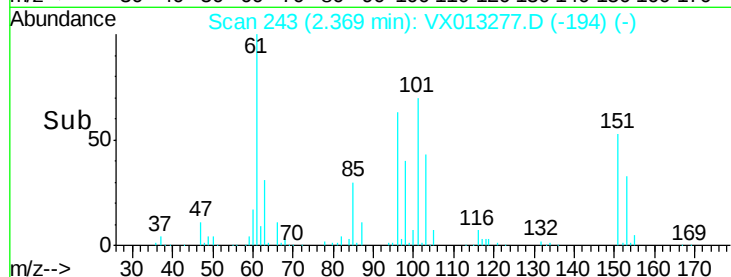
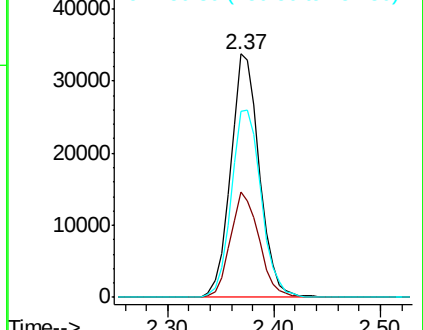
151 80.3 62.0 93.0



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: 49.138 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

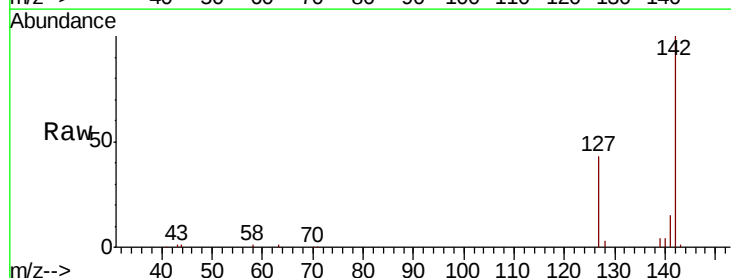
Tgt Ion:142 Resp: 77649

Ion Ratio Lower Upper

142 100

127 45.8 35.6 53.4

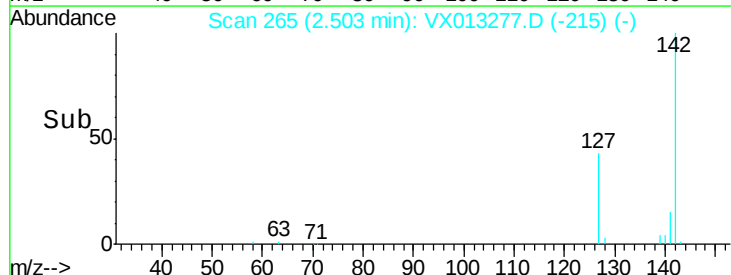
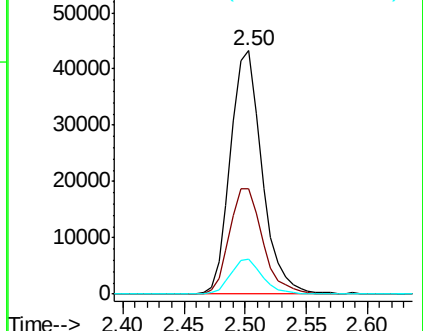
141 14.4 11.6 17.4

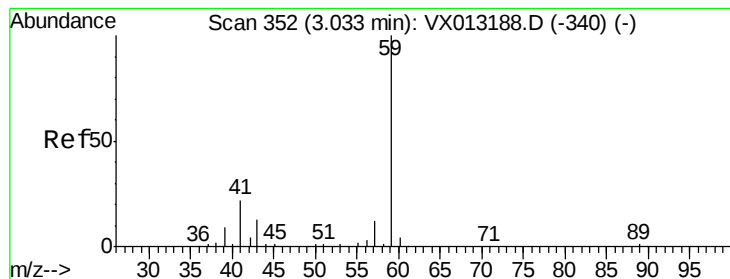


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



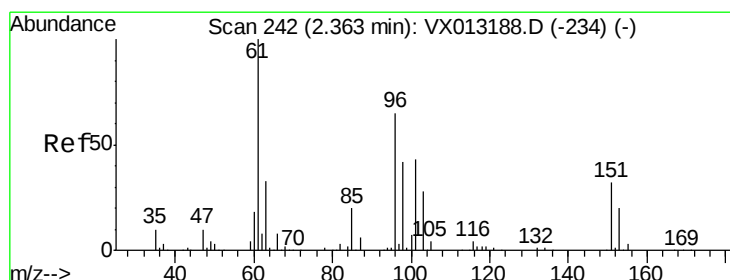
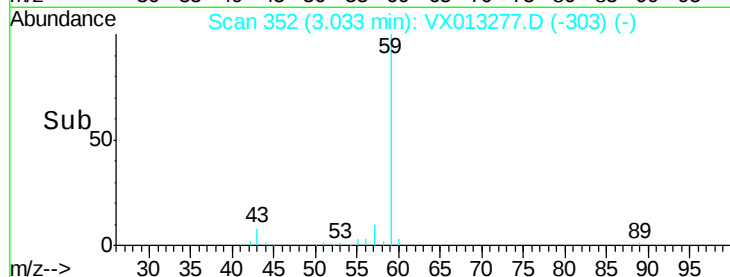
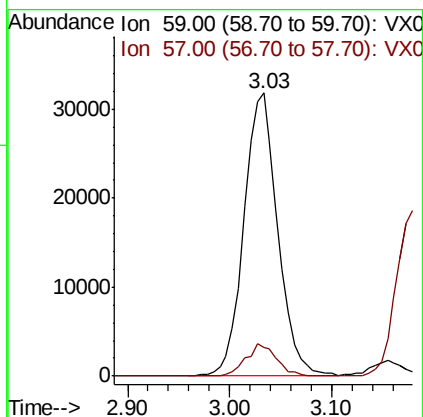
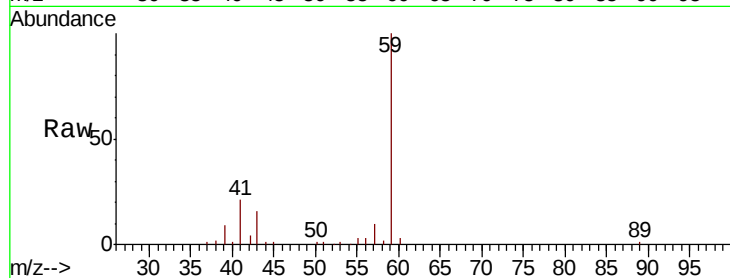


#11

Tert butyl alcohol
Concen: 228.406 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :

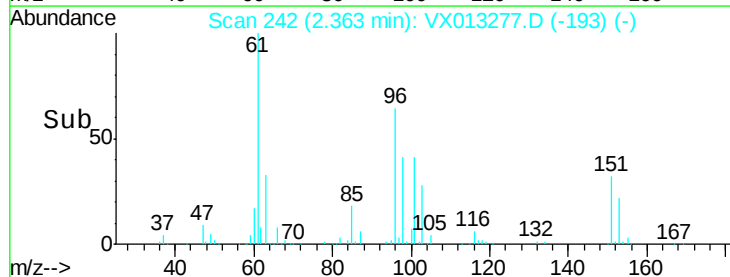
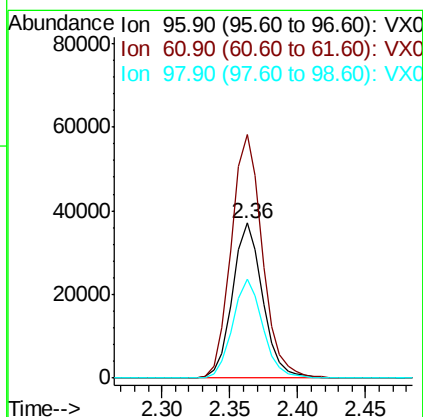
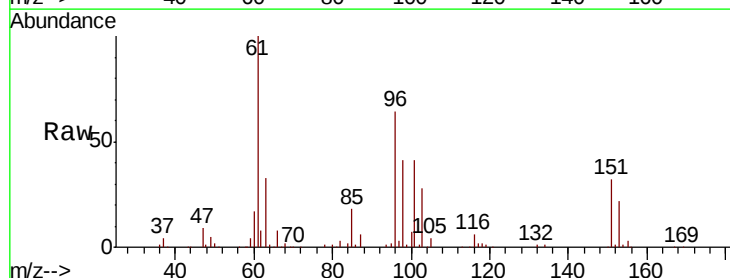
Tot Ion: 59 Resp: 73378
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

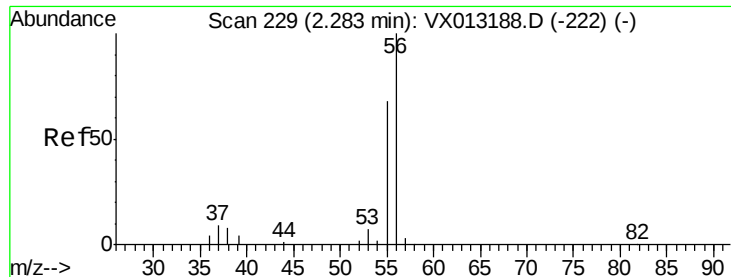


#12

1,1-Dichloroethene
Concen: 47.834 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 96 Resp: 57670
Ion Ratio Lower Upper
96 100
61 157.1 123.8 185.8
98 63.6 51.6 77.4





#13

Acrolein

Concen: 208.660 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

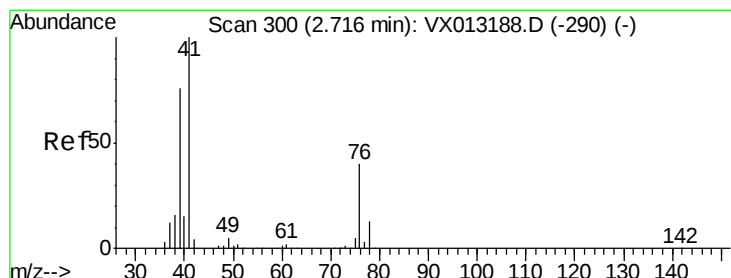
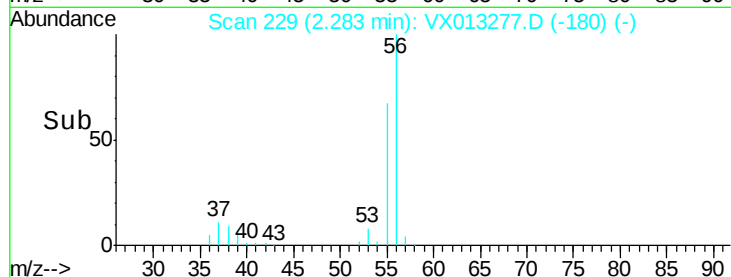
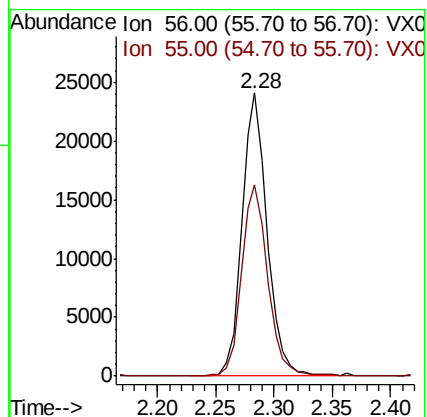
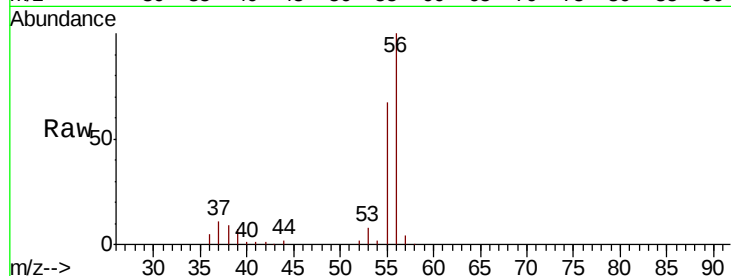
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 36239

Ion Ratio Lower Upper

56 100

55 70.2 58.9 88.3



#14

Allyl chloride

Concen: 46.860 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

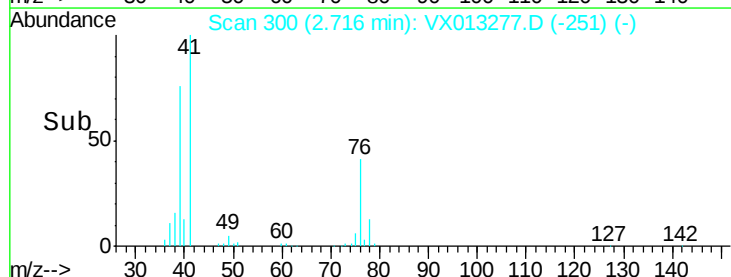
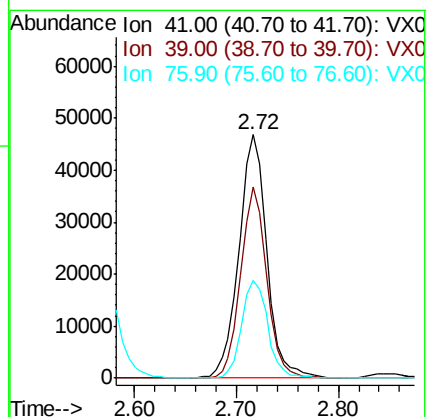
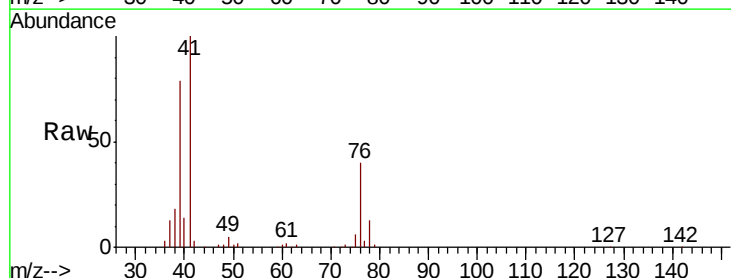
Tgt Ion: 41 Resp: 88944

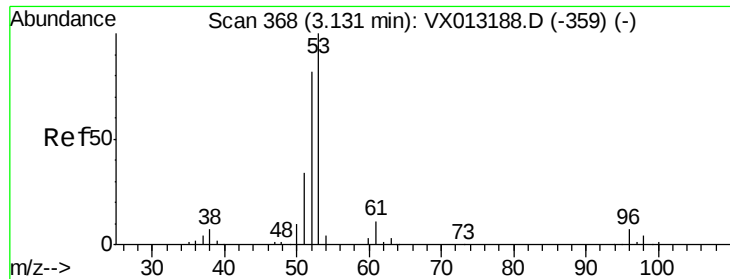
Ion Ratio Lower Upper

41 100

39 73.2 54.6 81.8

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 233.937 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

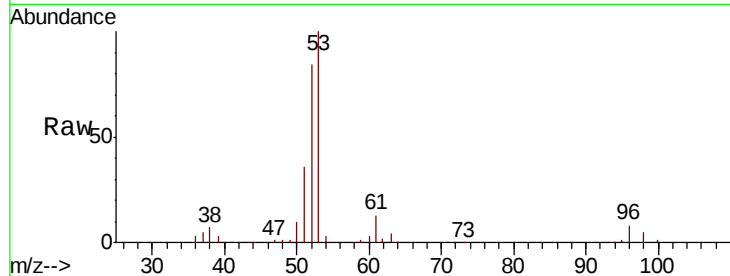
Tot Ion: 53 Resp: 152637

Ion Ratio Lower Upper

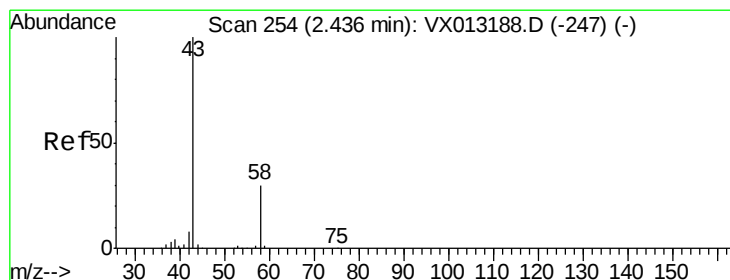
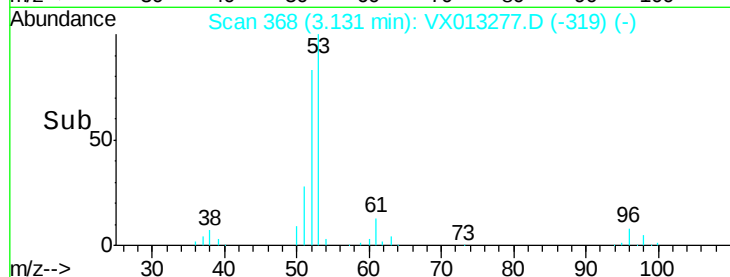
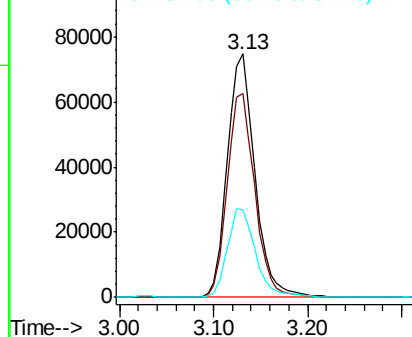
53 100

52 83.4 66.4 99.6

51 37.5 29.4 44.2



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: 265.042 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013277.D

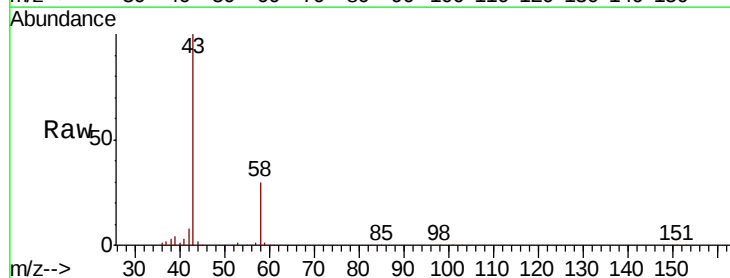
Acq: 30 Oct 2019 10:38

Tgt Ion: 43 Resp: 184837

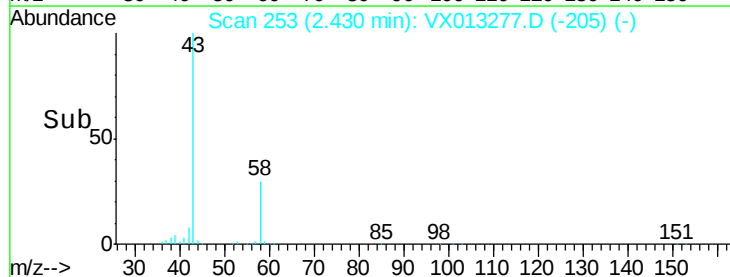
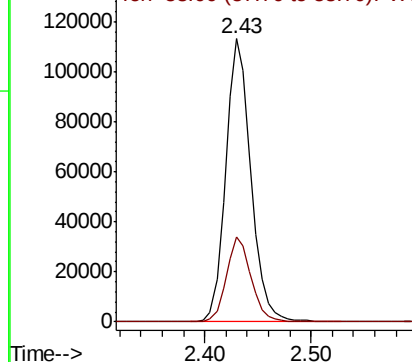
Ion Ratio Lower Upper

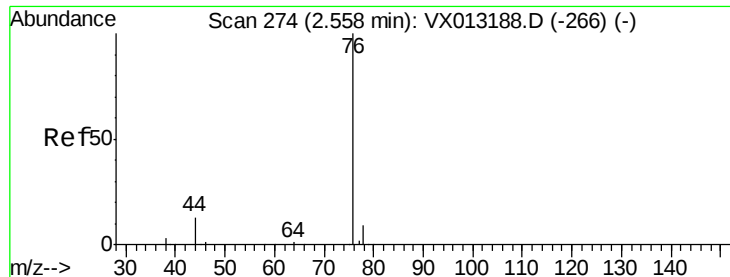
43 100

58 29.9 23.8 35.6



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





#17

Carbon Disulfide

Concen: 44.564 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

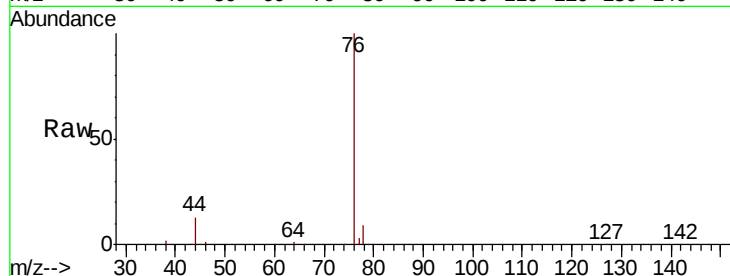
ClientSampleId :

Tot Ion: 76 Resp: 144447

Ion Ratio Lower Upper

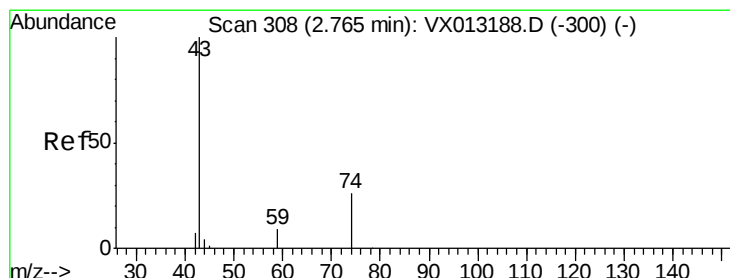
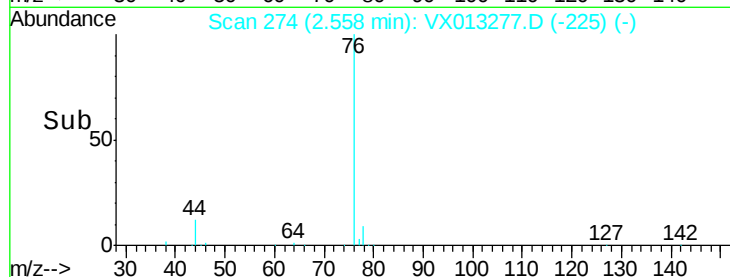
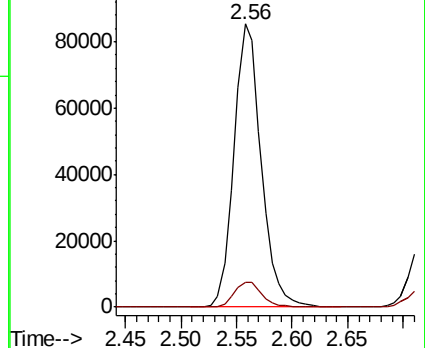
76 100

78 8.7 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: 48.618 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013277.D

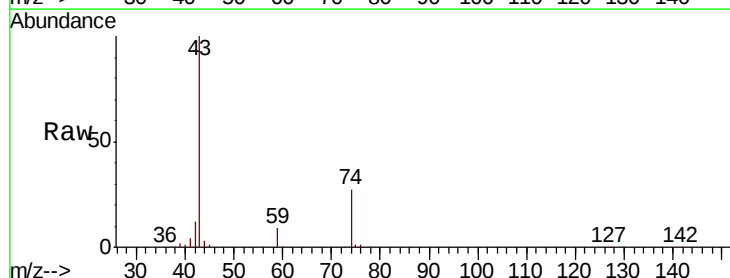
Acq: 30 Oct 2019 10:38

Tgt Ion: 43 Resp: 73993

Ion Ratio Lower Upper

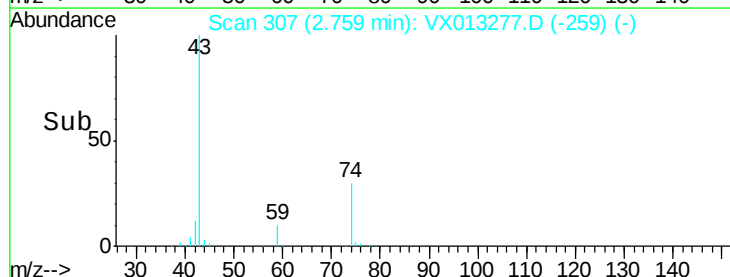
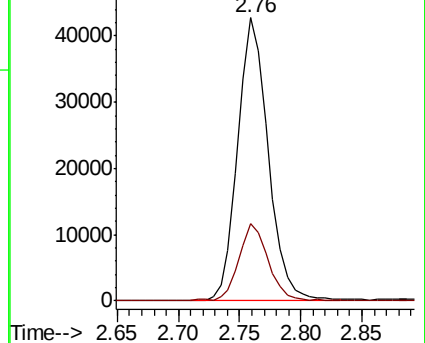
43 100

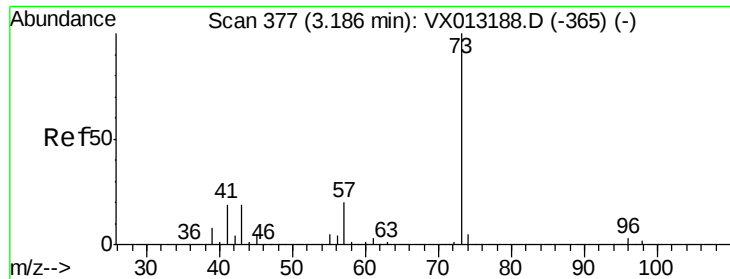
74 26.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

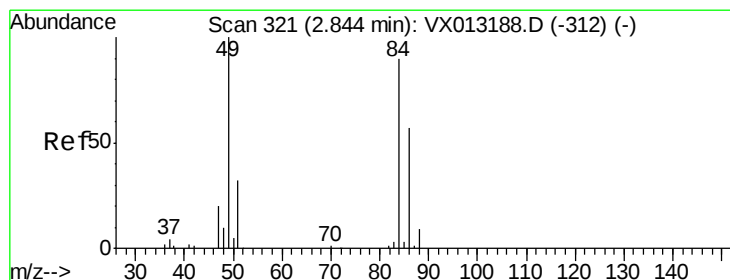
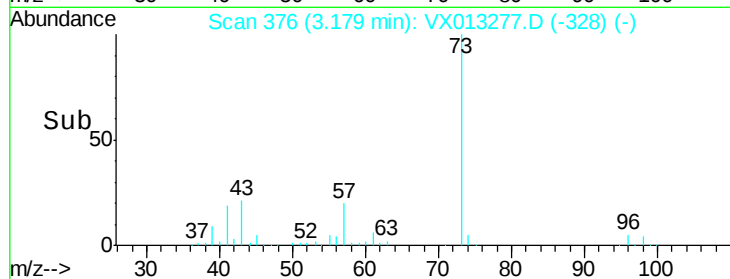
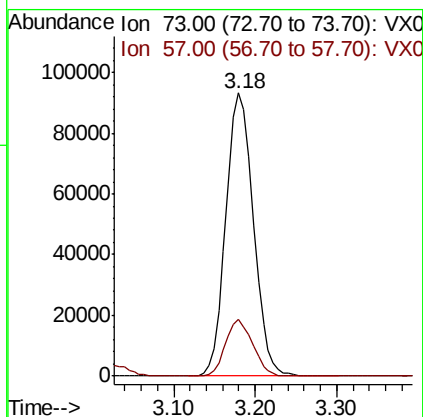
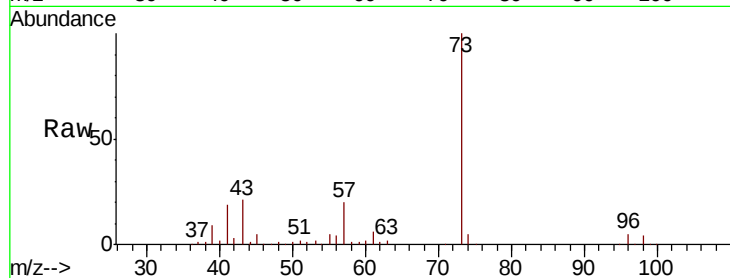




#19
Methvl tert-butvl Ether
Concen: 51.159 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

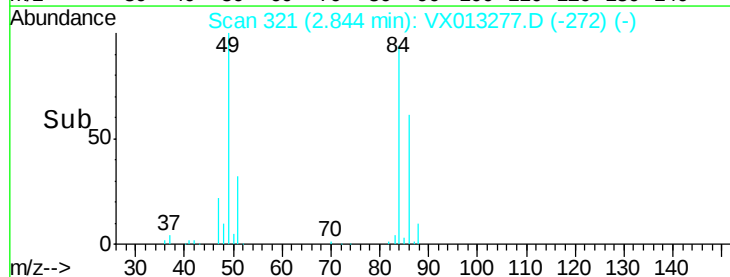
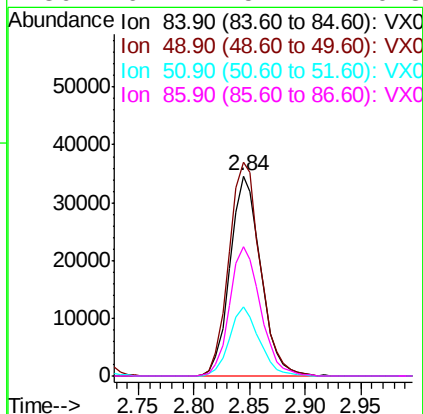
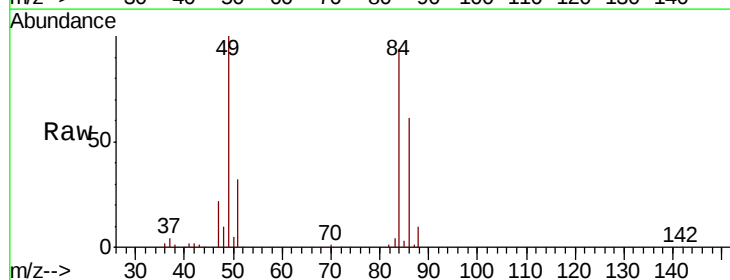
Instrument :
MSVOA_X
ClientSampleId :

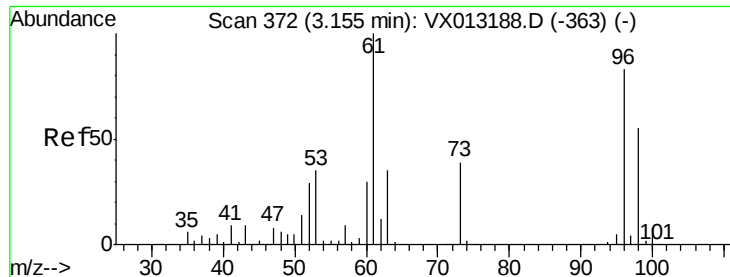
Tot Ion: 73 Resp: 217203
Ion Ratio Lower Upper
73 100
57 19.9 15.8 23.8



#20
Methylene Chloride
Concen: 50.721 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 84 Resp: 66153
Ion Ratio Lower Upper
84 100
49 106.9 89.2 133.8
51 34.5 28.8 43.2
86 64.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.785 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

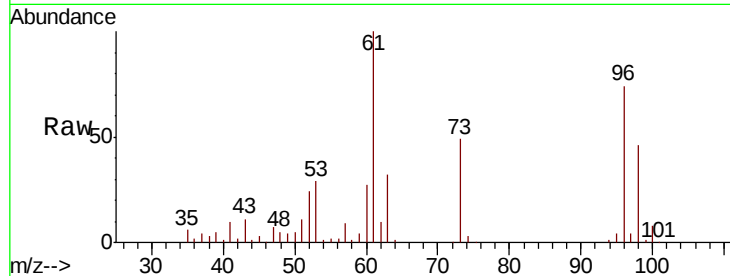
Tot Ion: 96 Resp: 63716

Ion Ratio Lower Upper

96 100

61 135.9 96.9 145.3

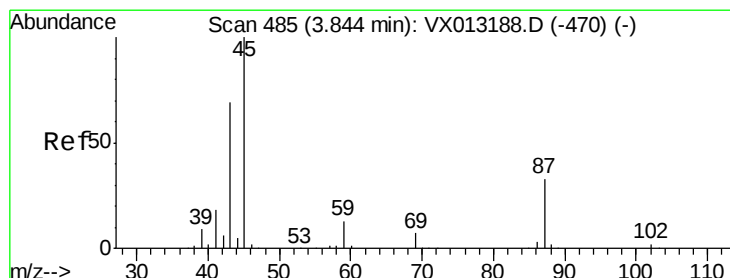
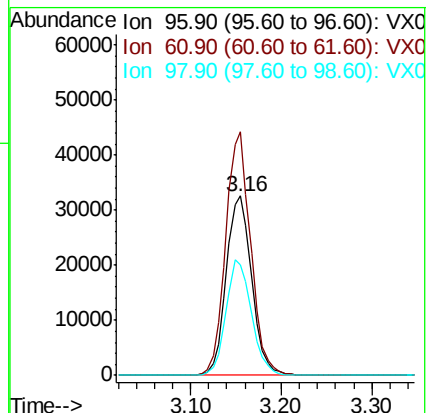
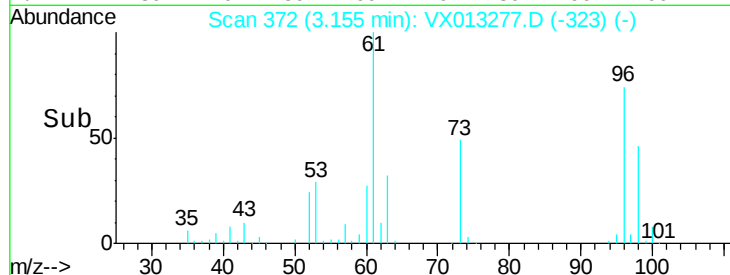
98 62.0 53.0 79.4



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: 48.830 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion: 45 Resp: 181221

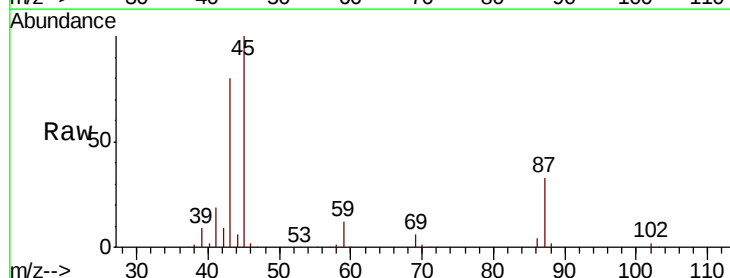
Ion Ratio Lower Upper

45 100

43 79.2 55.5 83.3

87 33.1 26.7 40.1

59 11.7 10.2 15.2

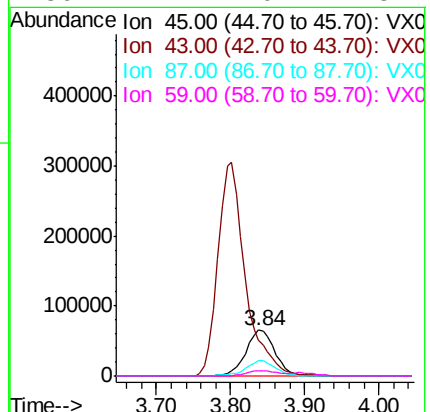
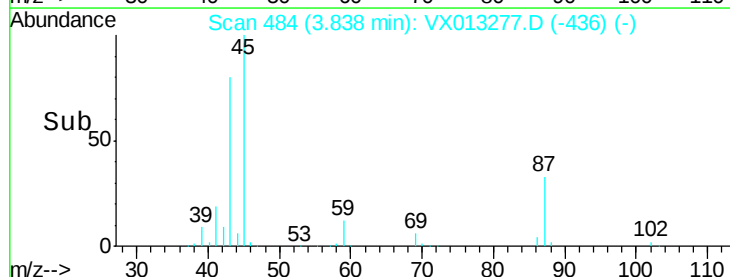


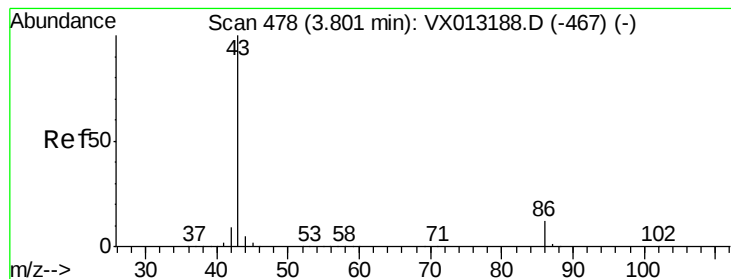
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 248.305 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

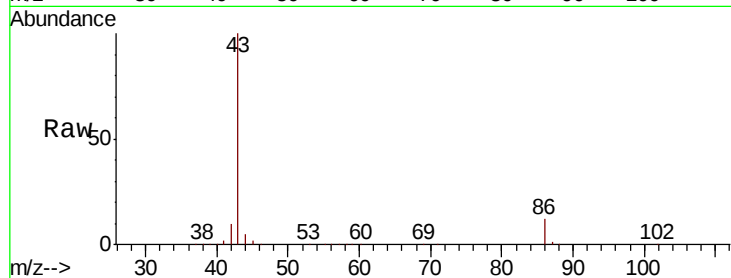
ClientSampleId :

Tot Ion: 43 Resp: 783253

Ion Ratio Lower Upper

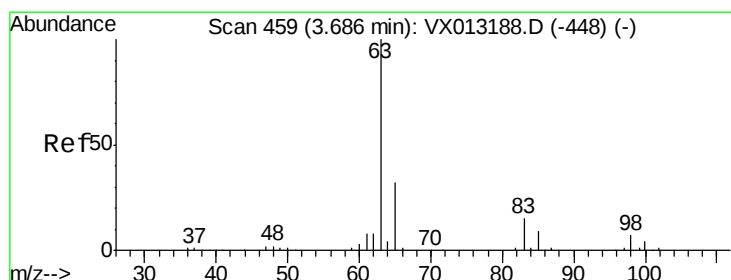
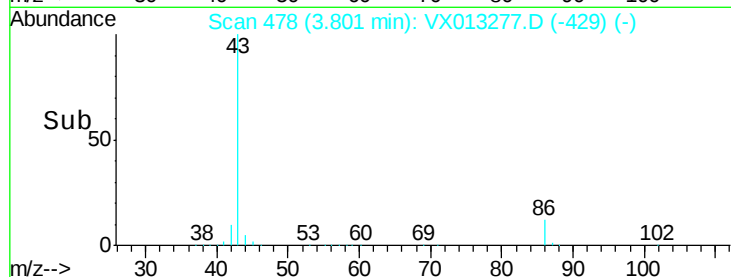
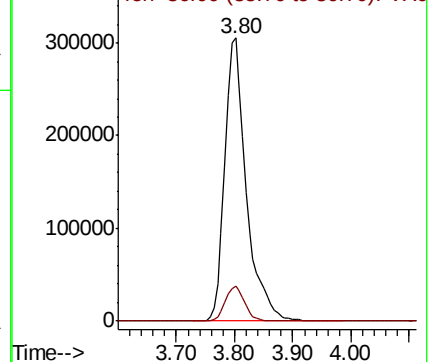
43 100

86 12.4 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.532 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

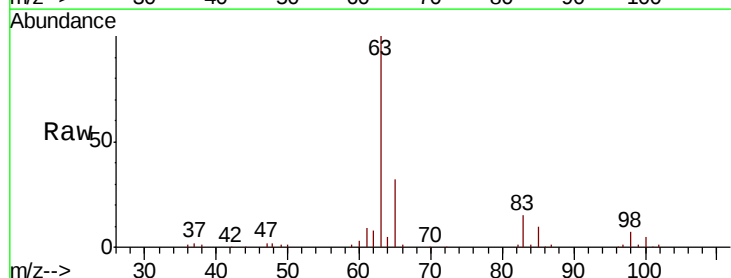
Tgt Ion: 63 Resp: 113068

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

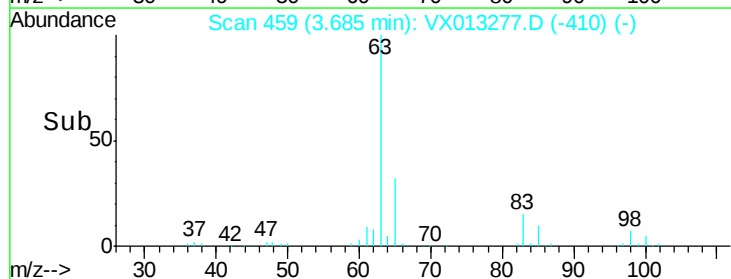
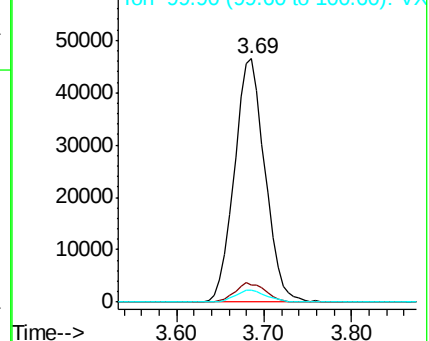
100 4.8 2.2 6.6

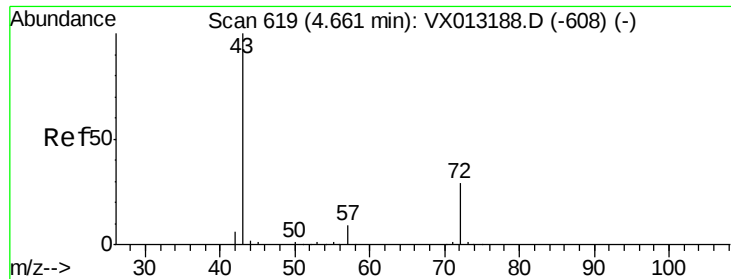


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 236.003 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

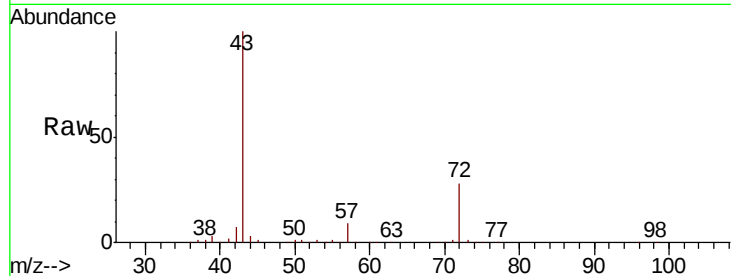
ClientSampled :

Tot Ion: 43 Resp: 220726

Ion Ratio Lower Upper

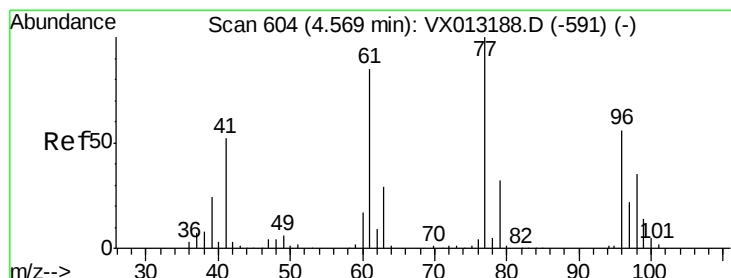
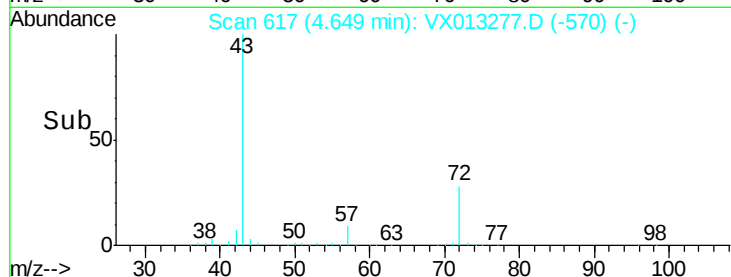
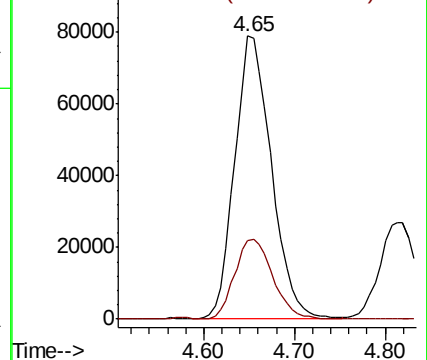
43 100

72 27.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.124 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013277.D

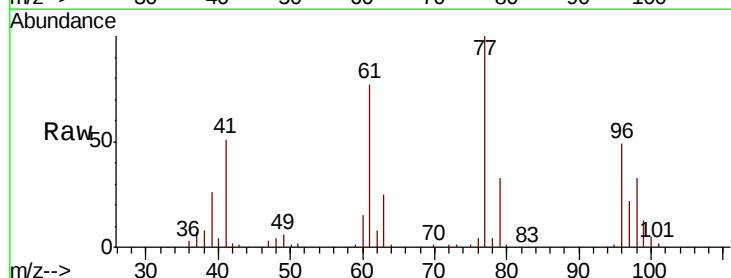
Acq: 30 Oct 2019 10:38

Tgt Ion: 77 Resp: 112076

Ion Ratio Lower Upper

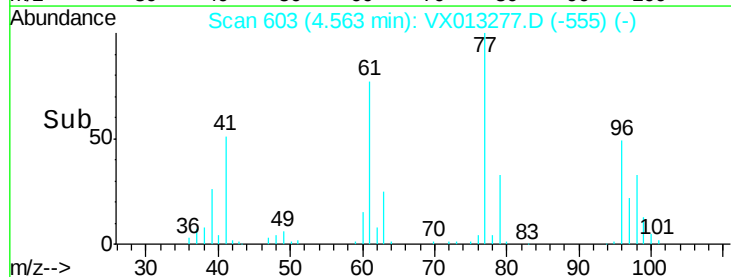
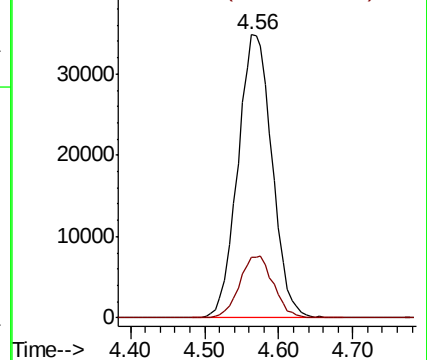
77 100

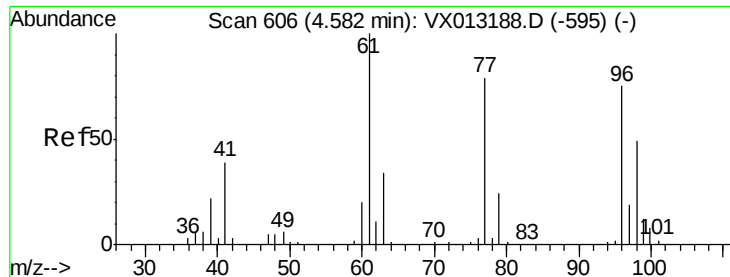
97 21.7 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



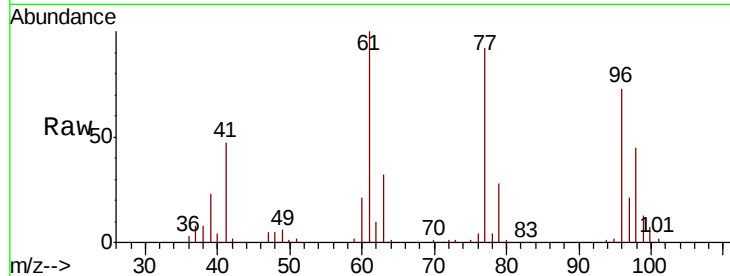


#27

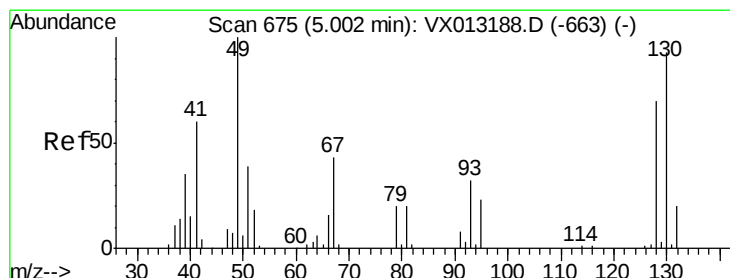
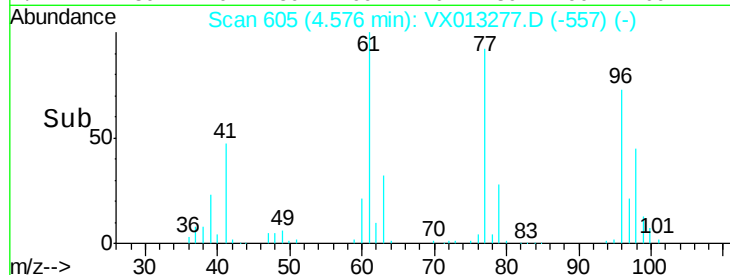
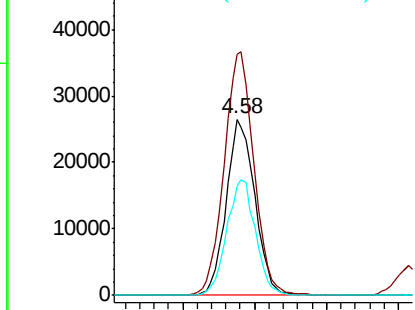
cis-1,2-Dichloroethene
Concen: 49.542 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 73150
Ion Ratio Lower Upper
96 100
61 143.0 0.0 290.4
98 65.9 0.0 130.4



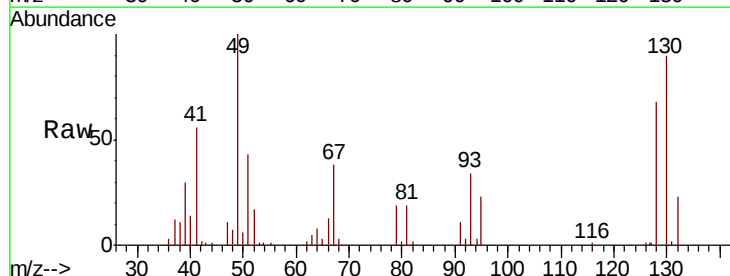
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



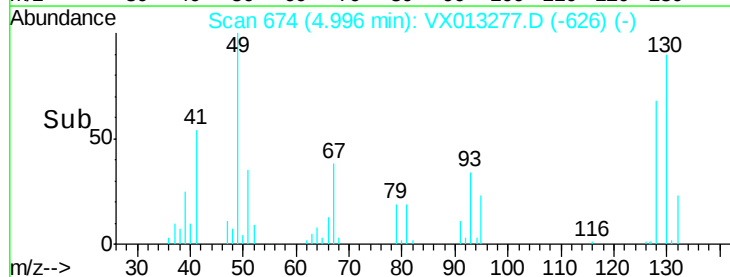
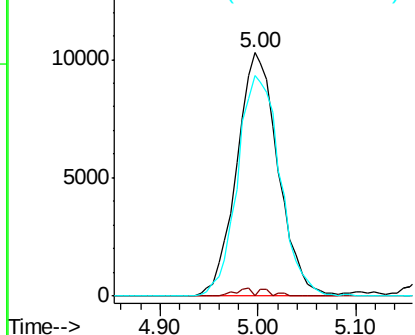
#28

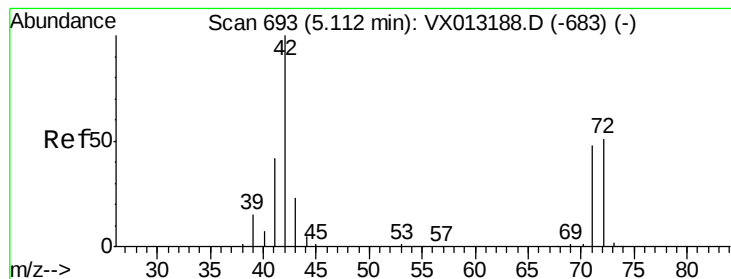
Bromochloromethane
Concen: 51.545 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 49 Resp: 30340
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.8
130 92.8 71.8 107.8



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





#29

Tetrahydrofuran

Concen: 220.807 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

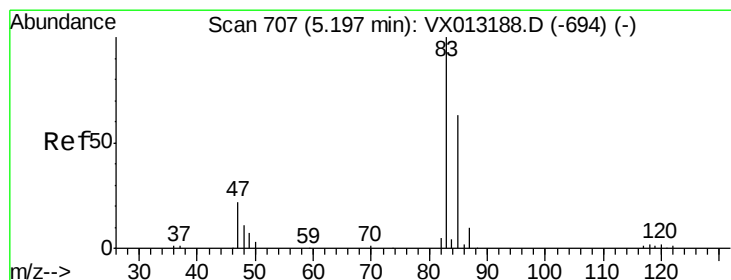
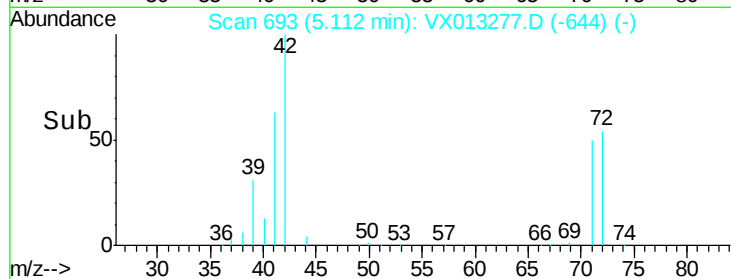
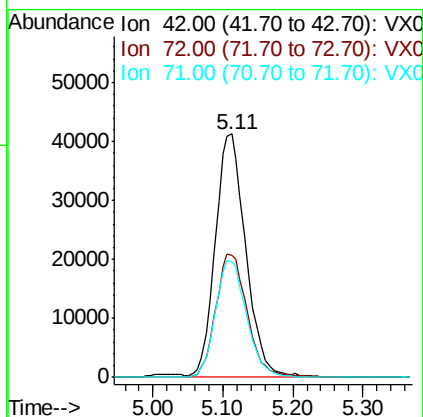
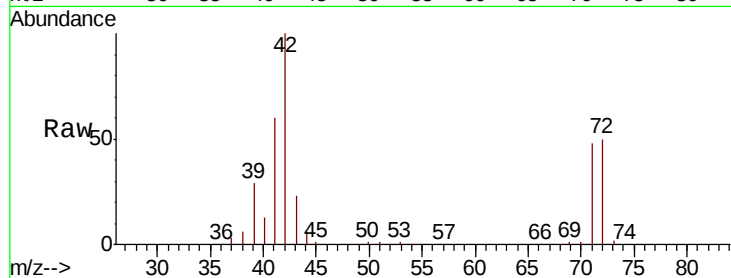
Tot Ion: 42 Resp: 124479

Ion Ratio Lower Upper

42 100

72 52.6 40.9 61.3

71 49.3 38.6 57.8



#30

Chloroform

Concen: 51.925 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013277.D

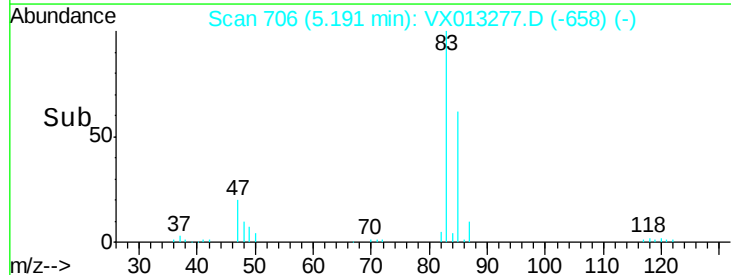
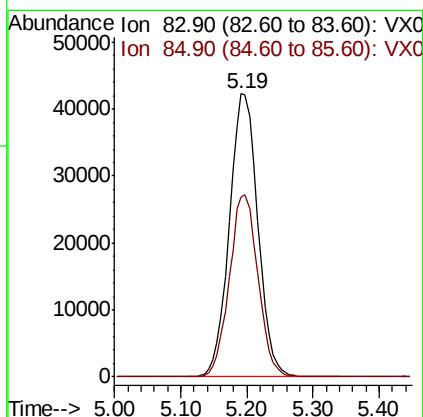
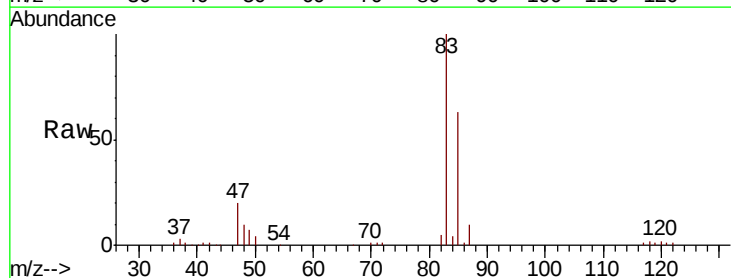
Acq: 30 Oct 2019 10:38

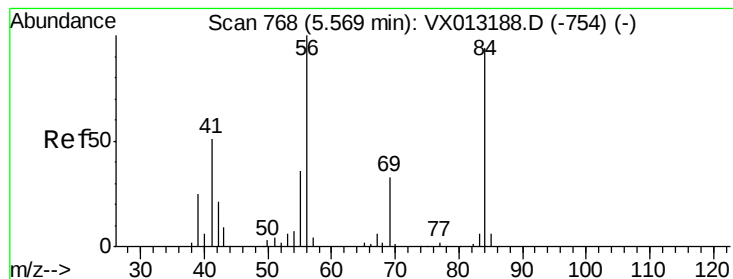
Tgt Ion: 83 Resp: 126202

Ion Ratio Lower Upper

83 100

85 63.3 50.1 75.1





#31

Cyclohexane

Concen: 48.700 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampled :

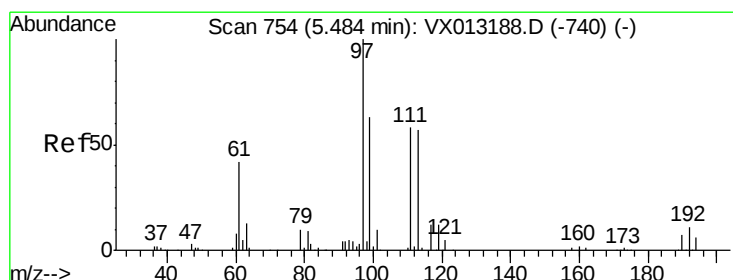
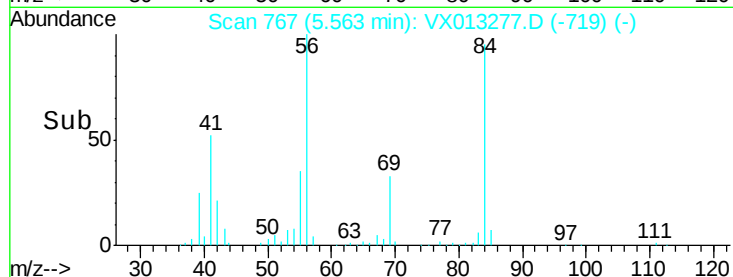
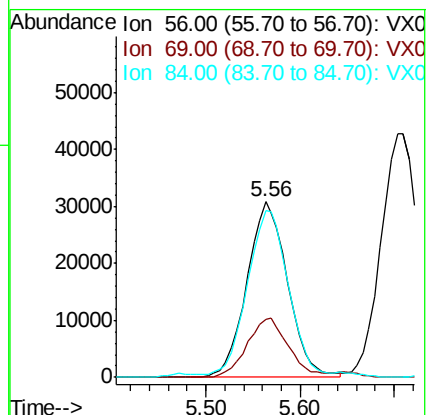
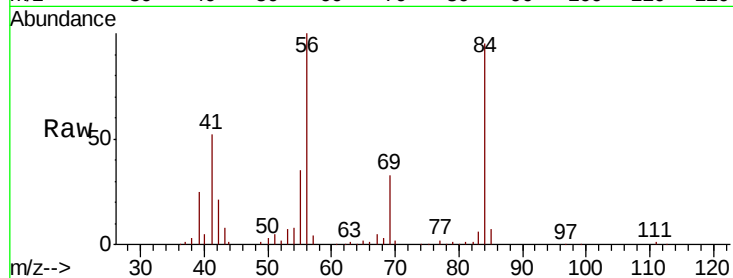
Tot Ion: 56 Resp: 93231

Ion Ratio Lower Upper

56 100

69 33.2 26.3 39.5

84 93.8 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 54.469 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

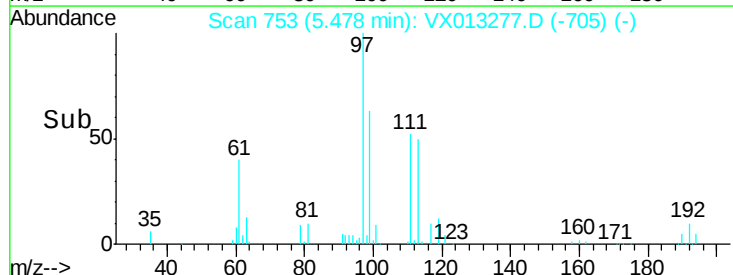
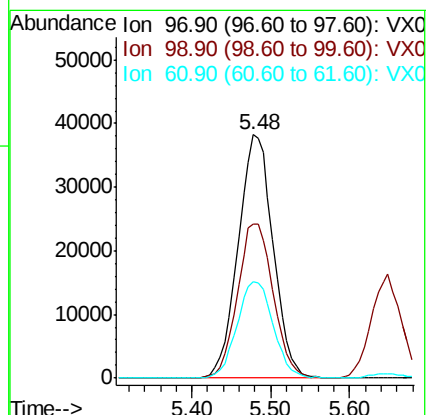
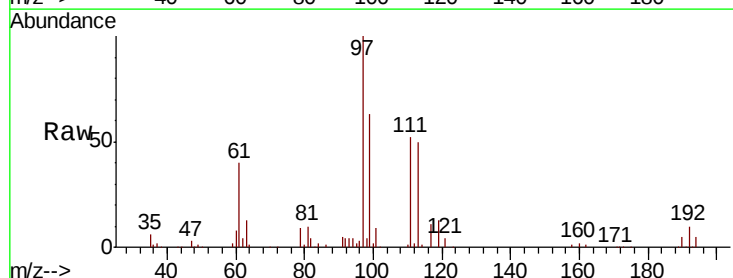
Tgt Ion: 97 Resp: 117708

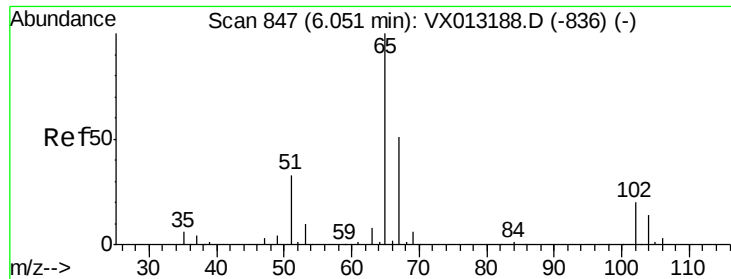
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 41.2 32.8 49.2

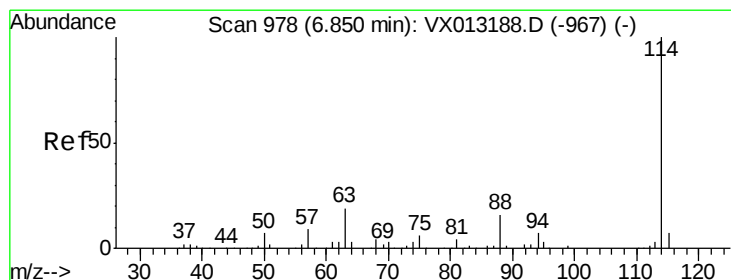
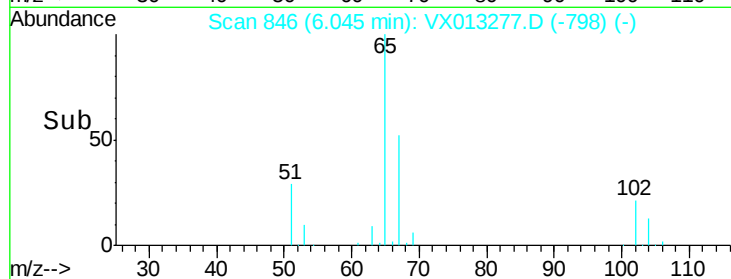
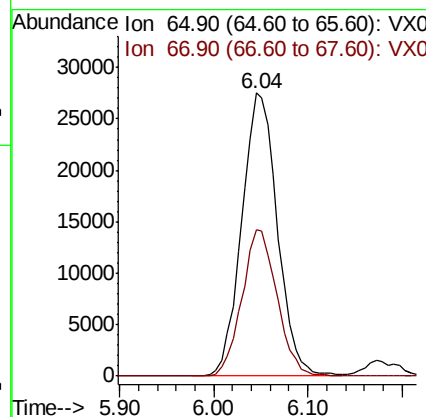
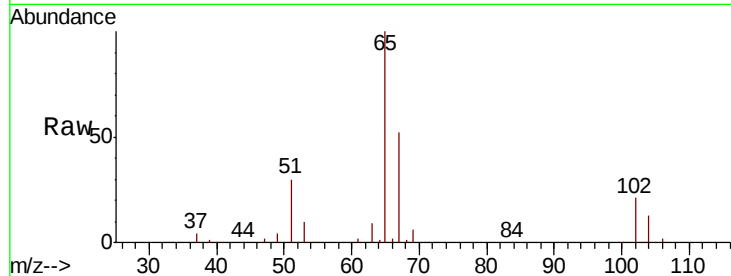




#33
 1,2-Dichloroethane-d4
 Concen: 49.137 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

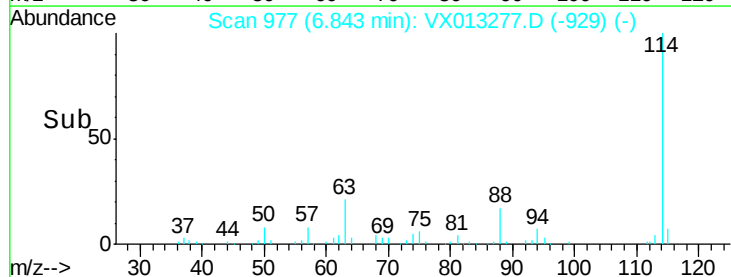
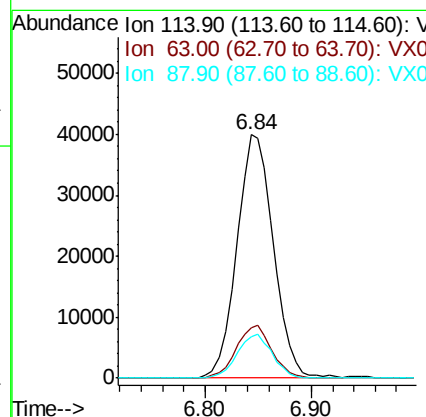
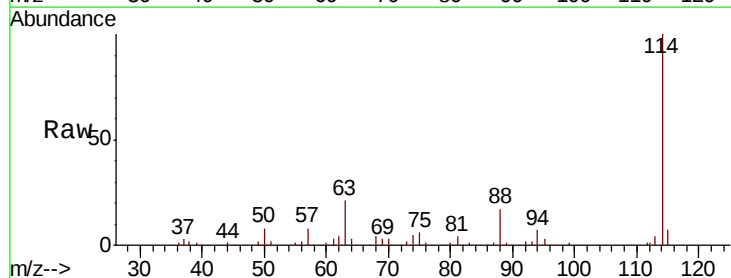
Instrument :
 MSVOA_X
 ClientSampleId :

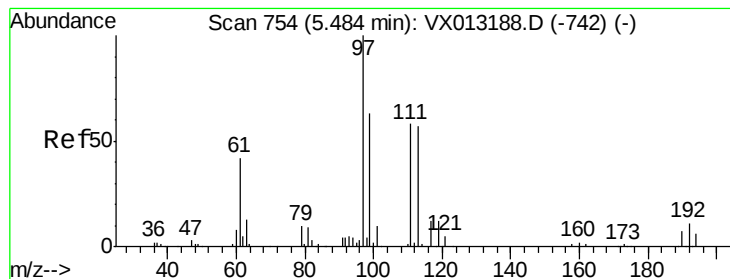
Tot Ion: 65 Resp: 72737
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 114 Resp: 96025
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 17.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.914 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :

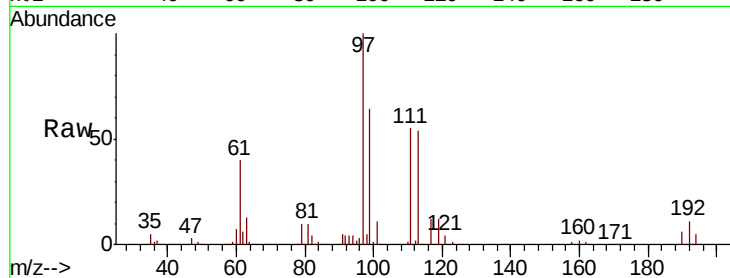
Tot Ion:113 Resp: 56661

Ion Ratio Lower Upper

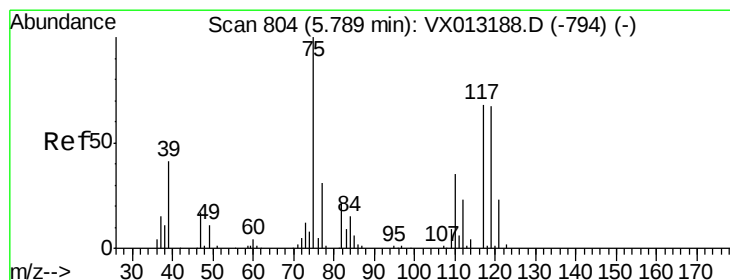
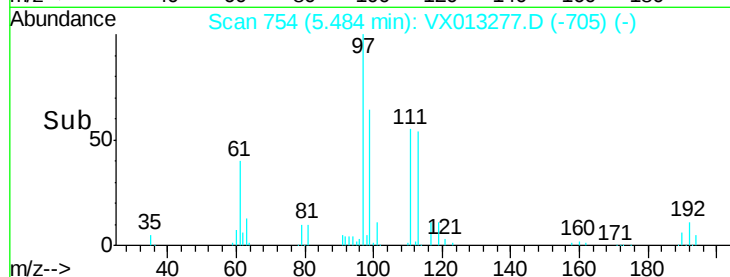
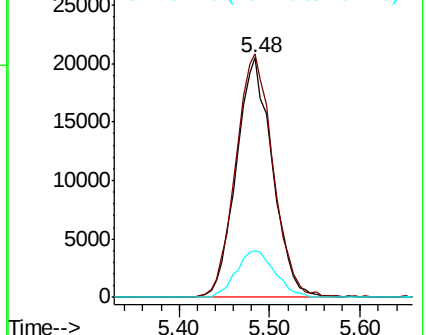
113 100

111 104.6 80.3 120.5

192 20.9 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.201 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

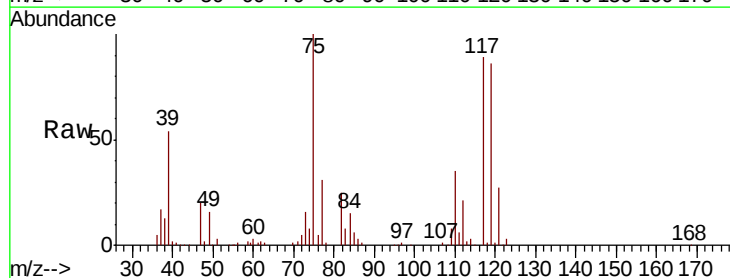
Tgt Ion: 75 Resp: 90321

Ion Ratio Lower Upper

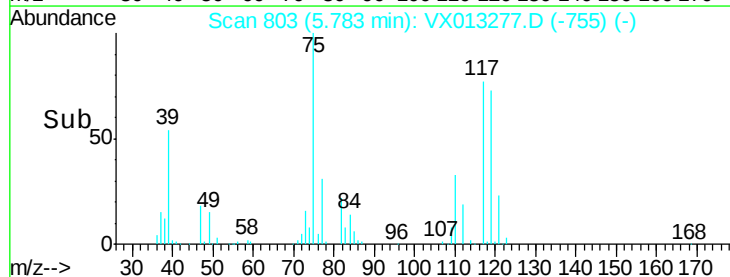
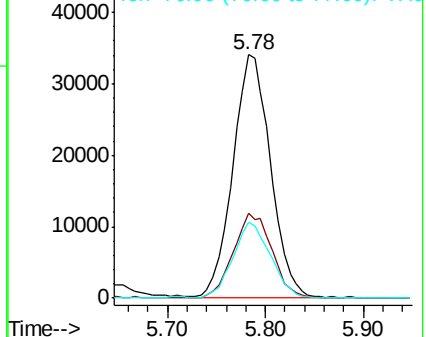
75 100

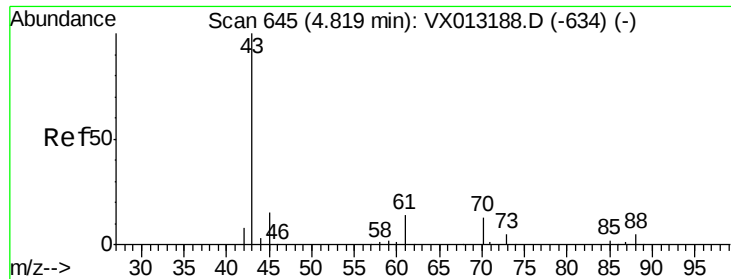
110 35.9 17.6 52.9

77 31.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

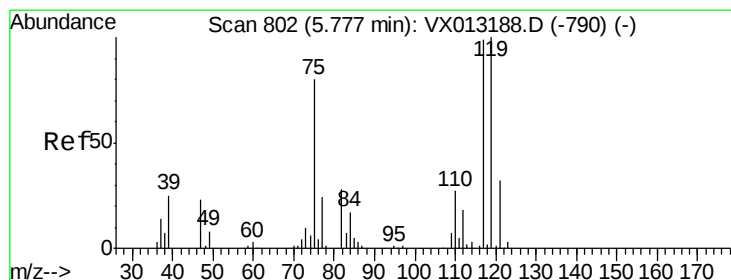
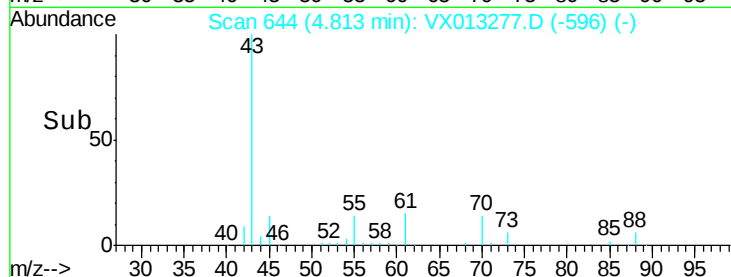
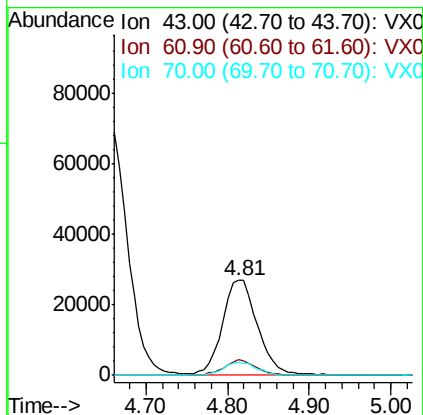
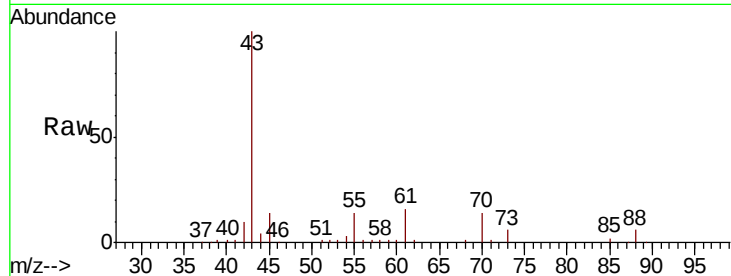




#37
Ethyl Acetate
Concen: 49.757 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

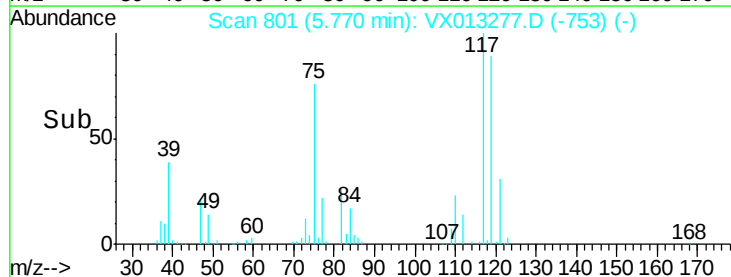
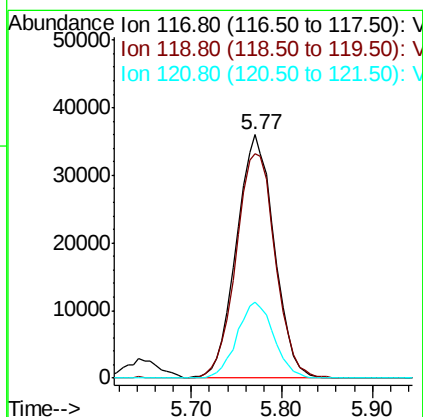
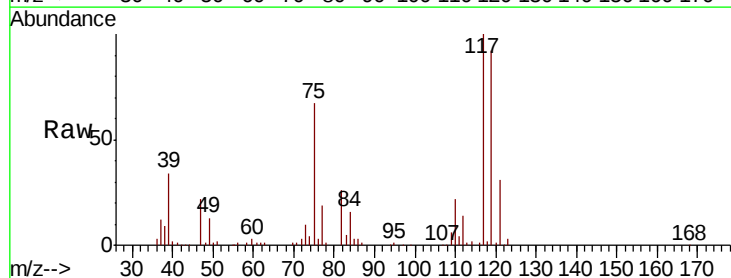
Instrument :
MSVOA_X
ClientSampled :

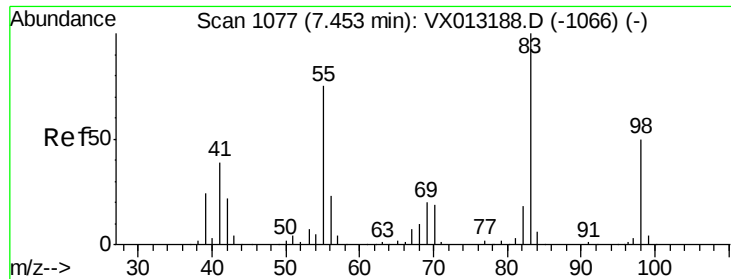
Tot Ion: 43 Resp: 79620
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 13.3 10.4 15.6



#38
Carbon Tetrachloride
Concen: 58.509 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 117 Resp: 103848
Ion Ratio Lower Upper
117 100
119 92.1 80.1 120.1
121 31.1 25.5 38.3

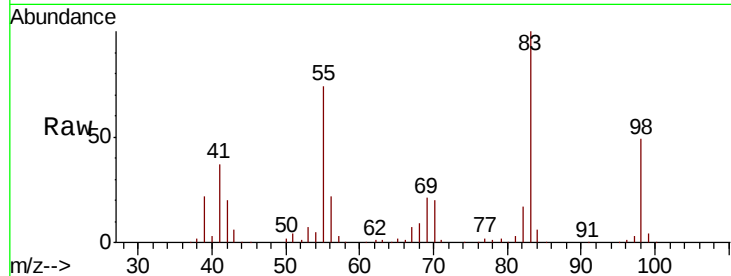




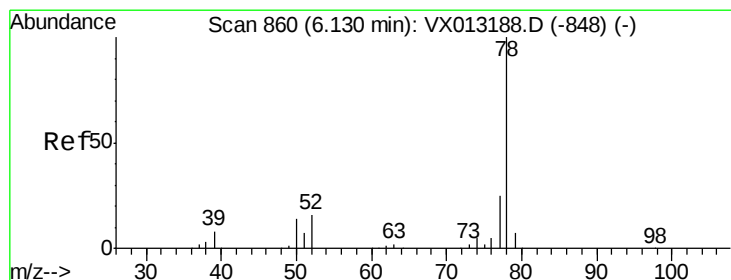
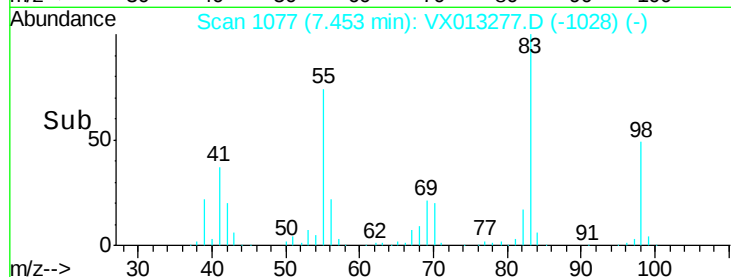
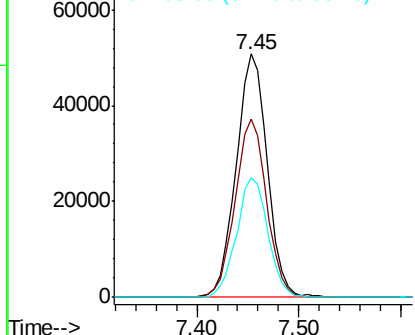
#39
Methvlcvclohexane
Concen: 52.177 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 107261
Ion Ratio Lower Upper
83 100
55 73.5 60.1 90.1
98 49.3 39.8 59.8

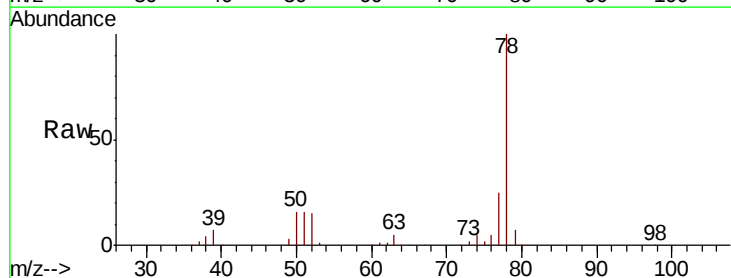


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

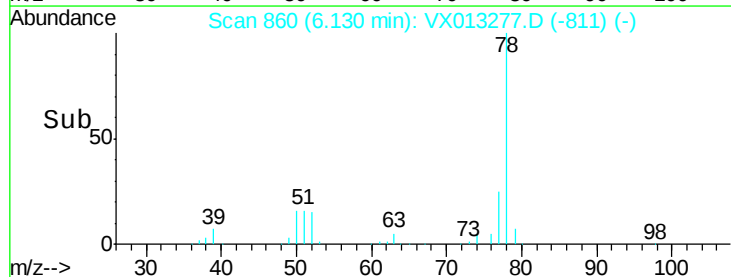
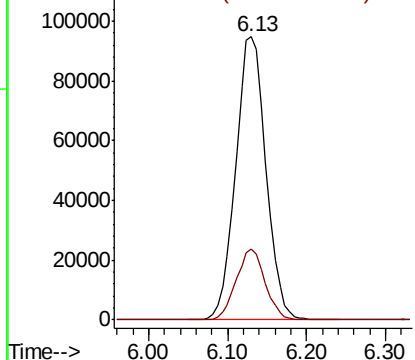


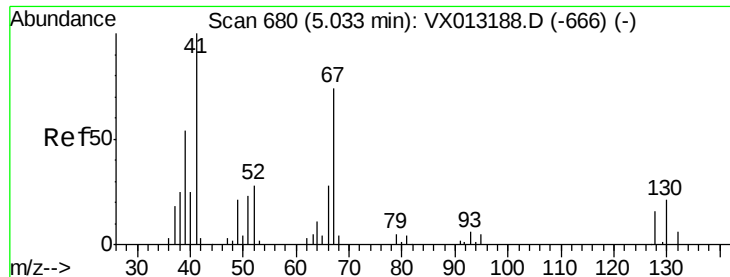
#40
Benzene
Concen: 52.417 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 78 Resp: 252819
Ion Ratio Lower Upper
78 100
77 25.2 19.6 29.4



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

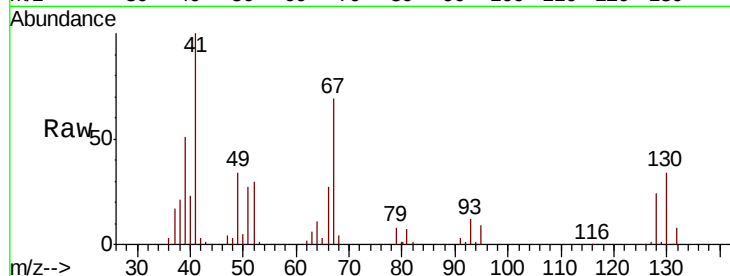




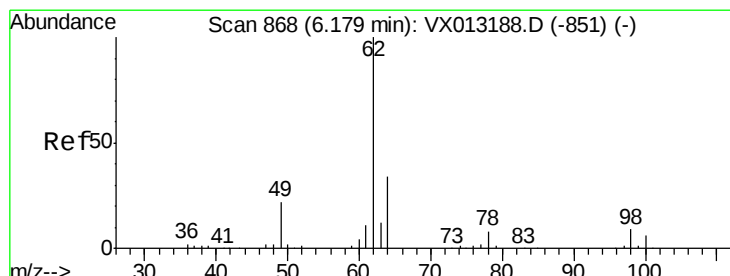
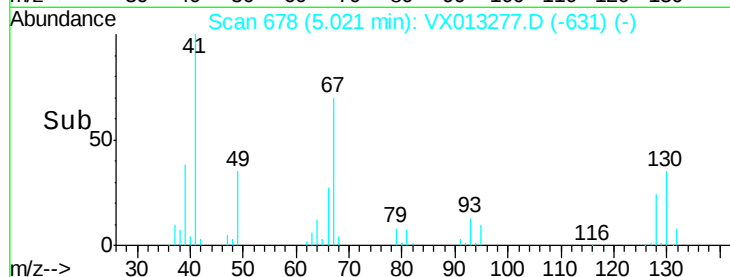
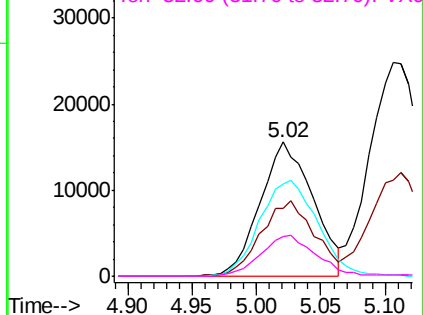
#41
Methacrylonitrile
Concen: 51.681 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 44338
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 78.6 61.3 91.9
52 31.9 25.1 37.7

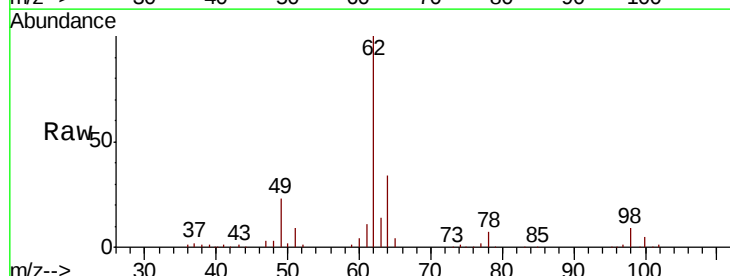


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

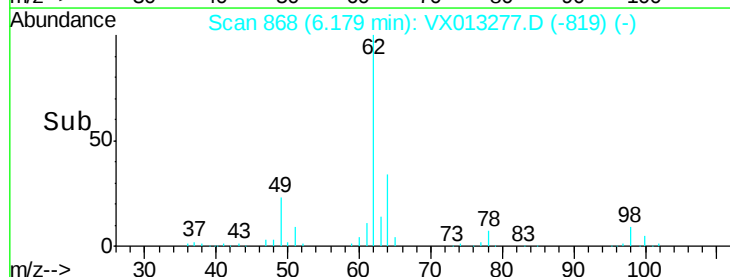
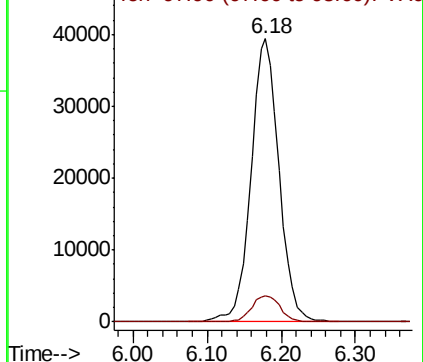


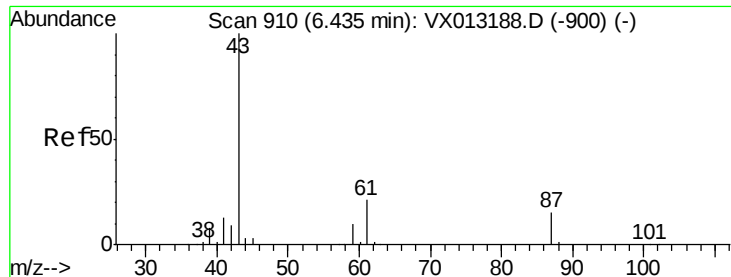
#42
1,2-Dichloroethane
Concen: 56.971 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 62 Resp: 103603
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 52.235 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

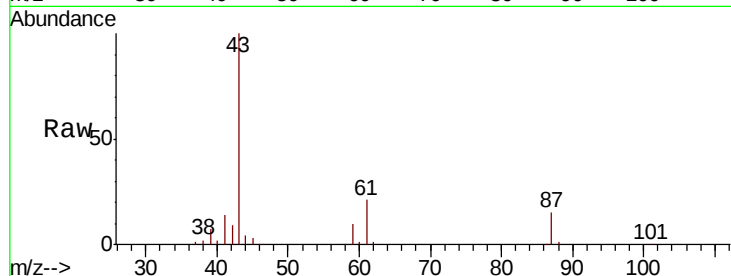
Tot Ion: 43 Resp: 138778

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

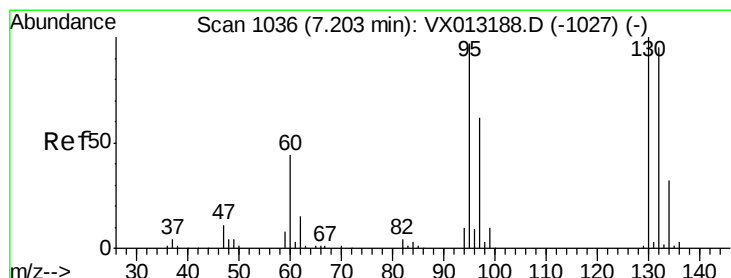
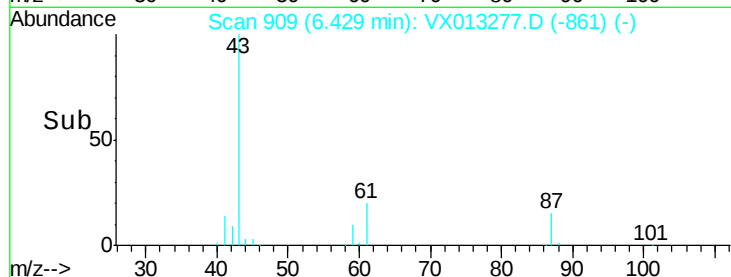
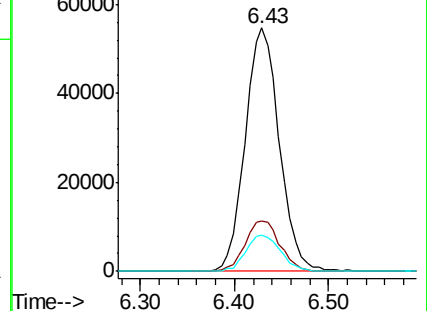
87 15.1 12.1 18.1



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: 53.699 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013277.D

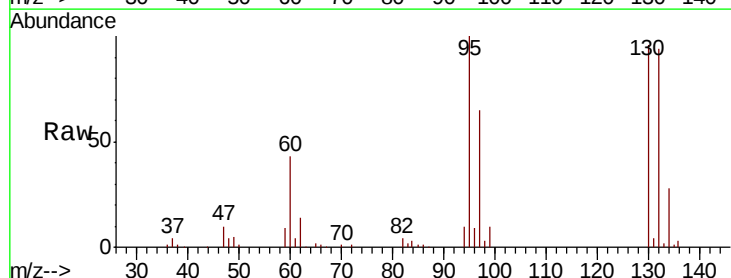
Acq: 30 Oct 2019 10:38

Tgt Ion:130 Resp: 73508

Ion Ratio Lower Upper

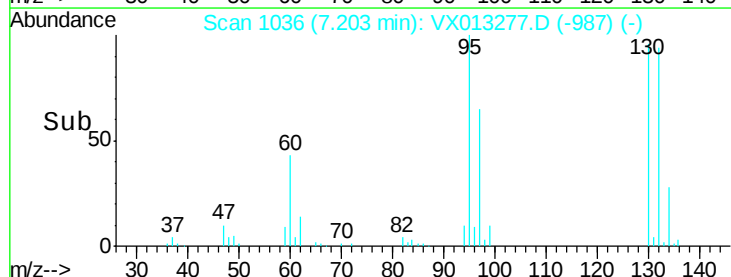
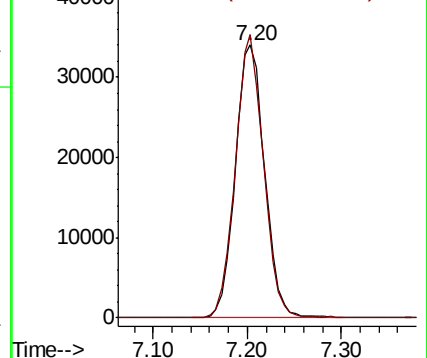
130 100

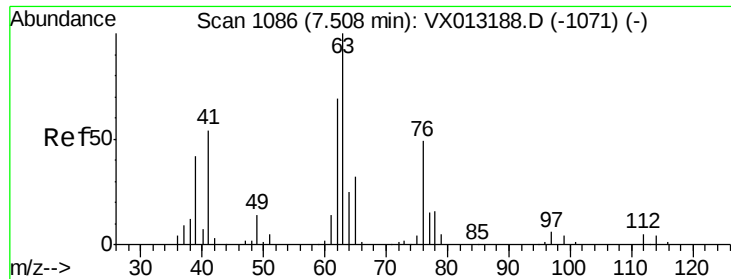
95 103.8 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.033 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

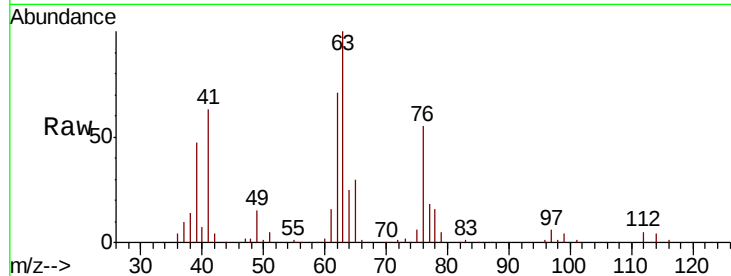
ClientSampleId :

Tot Ion: 63 Resp: 61650

Ion Ratio Lower Upper

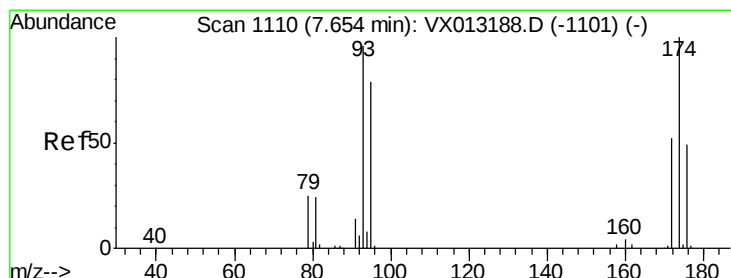
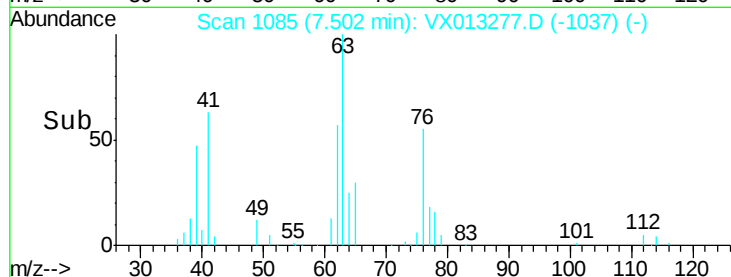
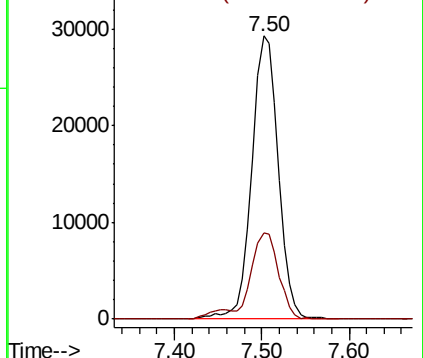
63 100

65 30.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.131 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

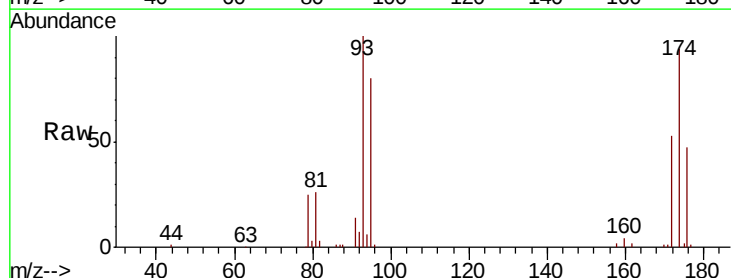
Tgt Ion: 93 Resp: 47113

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

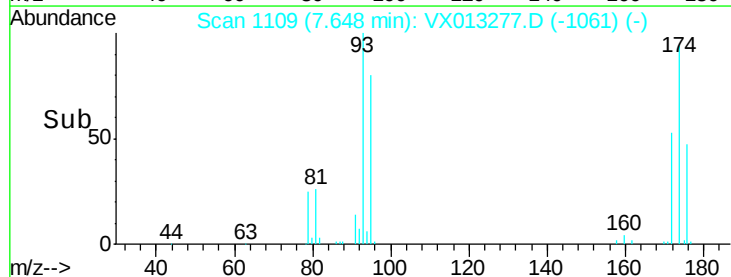
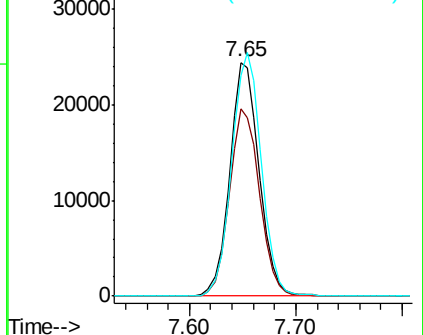
174 105.3 85.2 127.8

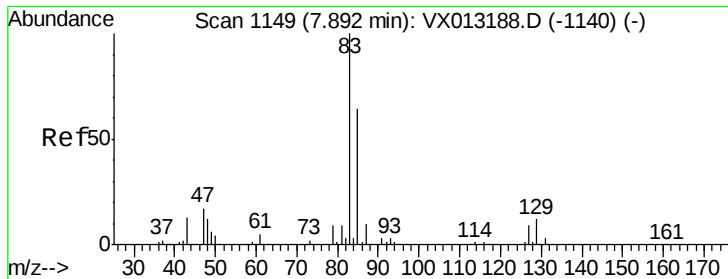


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 58.611 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

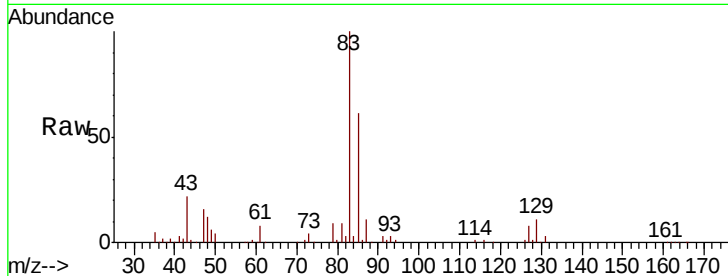
Tot Ion: 83 Resp: 99413

Ion Ratio Lower Upper

83 100

85 61.3 51.0 76.6

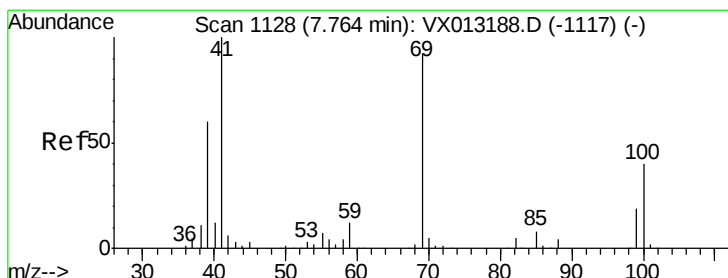
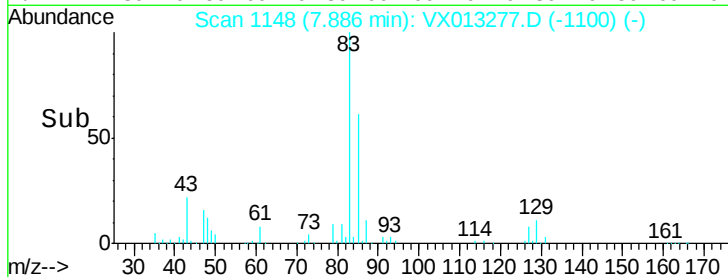
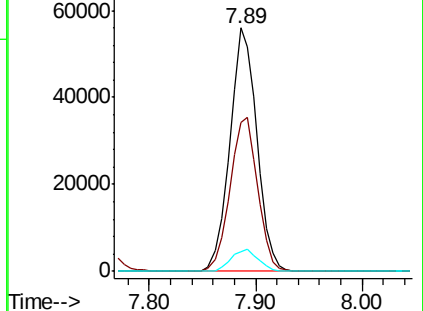
127 8.3 7.2 10.8



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: 52.396 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

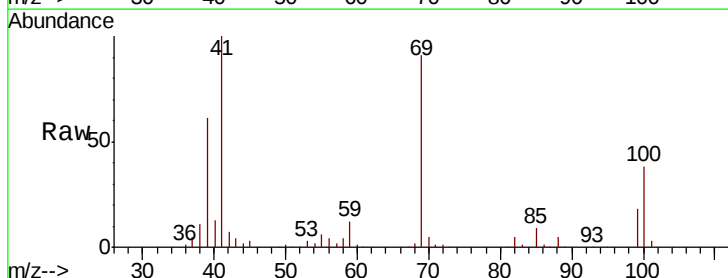
Tgt Ion: 41 Resp: 68803

Ion Ratio Lower Upper

41 100

69 88.4 72.0 108.0

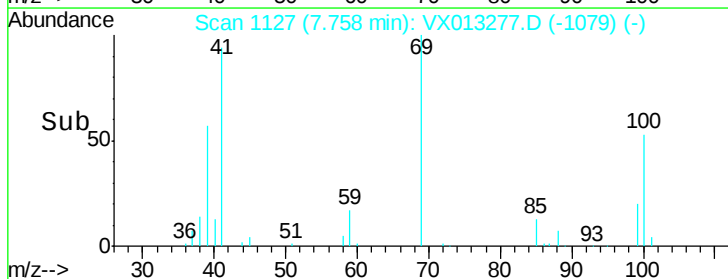
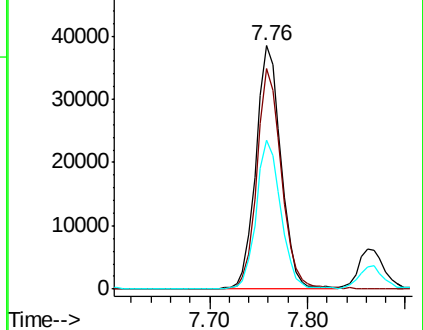
39 60.0 47.4 71.0

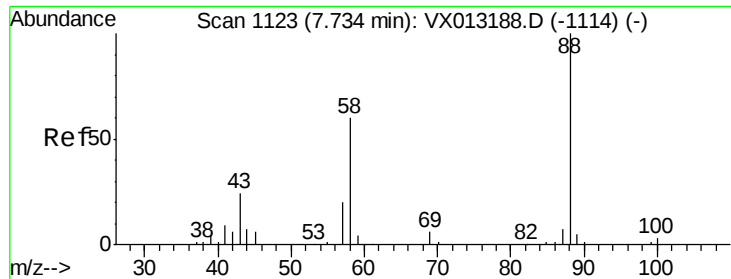


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

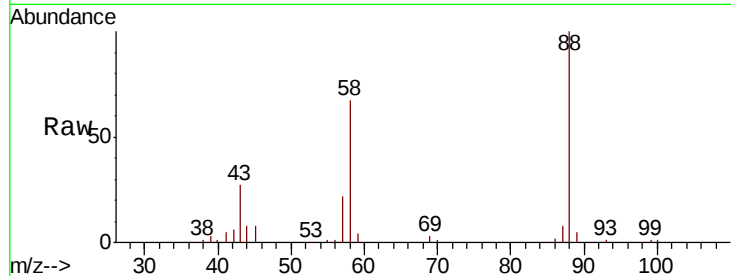




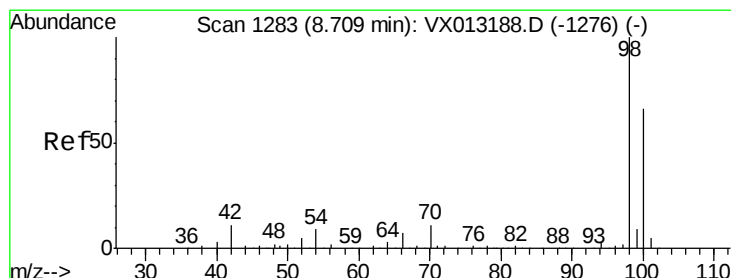
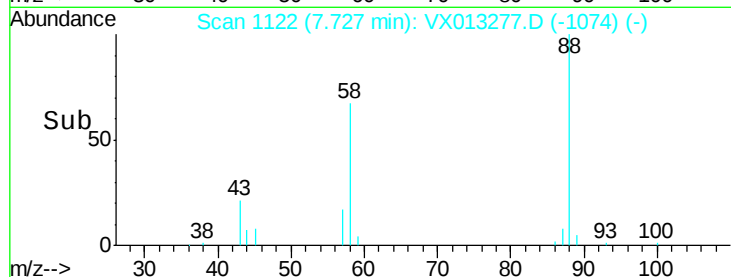
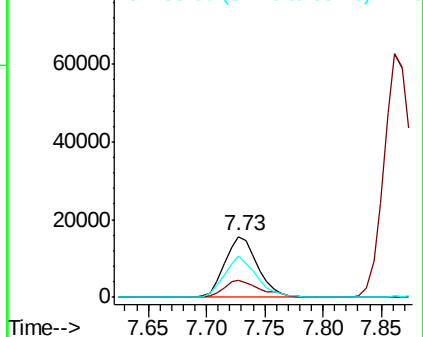
#49
1,4-Dioxane
Concen: 912.156 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 30485
Ion Ratio Lower Upper
88 100
43 32.0 24.5 36.7
58 67.4 54.1 81.1

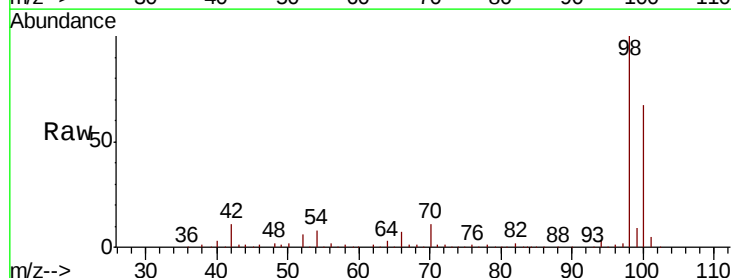


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

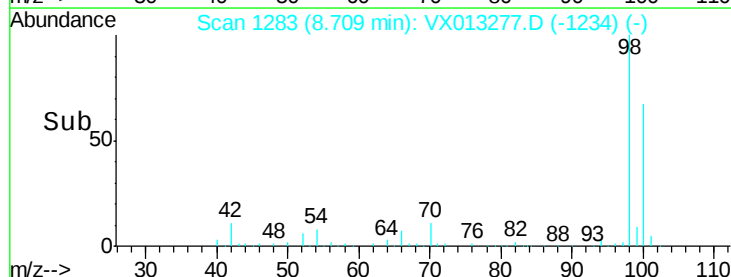
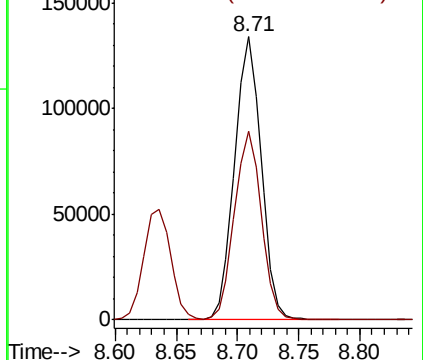


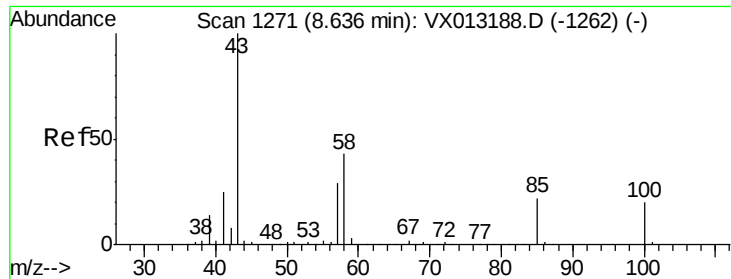
#50
Toluene-d8
Concen: 51.093 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 98 Resp: 202756
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



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: 251.853 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

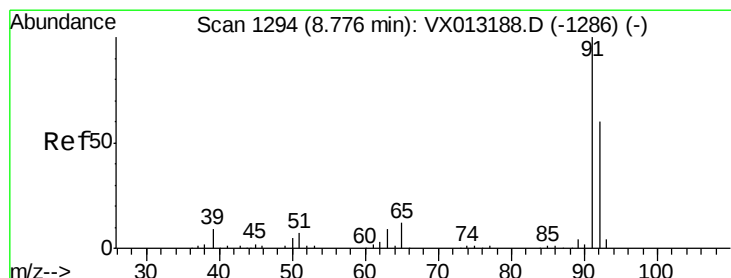
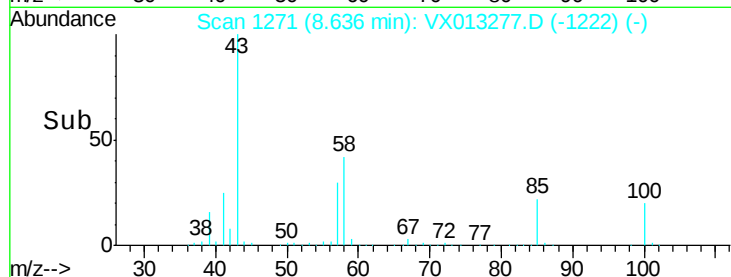
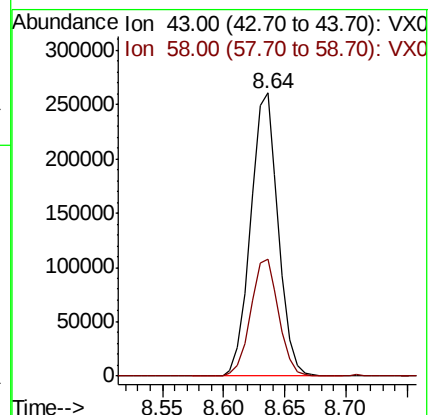
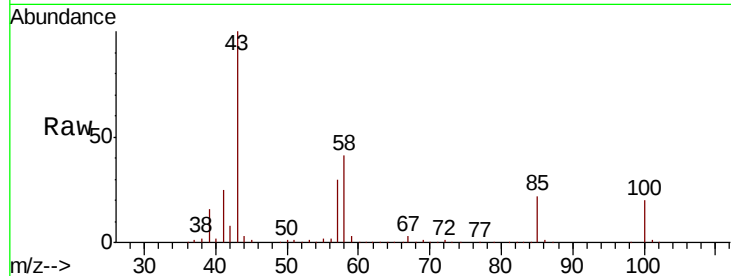
ClientSampled :

Tot Ion: 43 Resp: 407852

Ion Ratio Lower Upper

43 100

58 41.9 33.9 50.9



#52

Toluene

Concen: 52.731 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013277.D

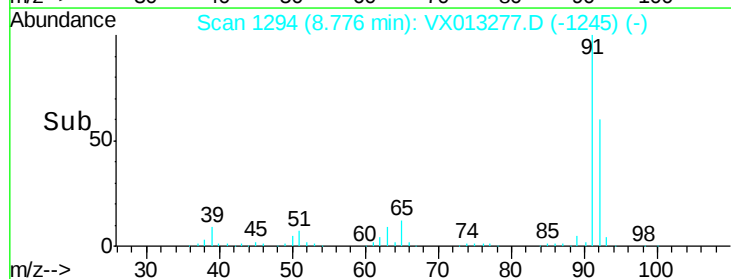
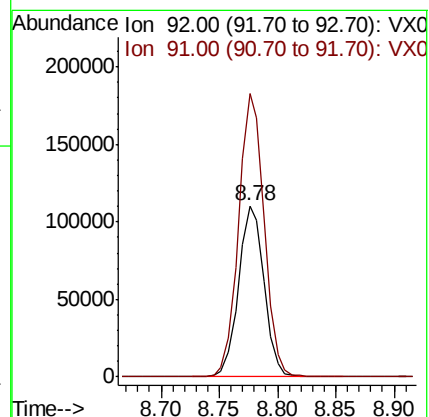
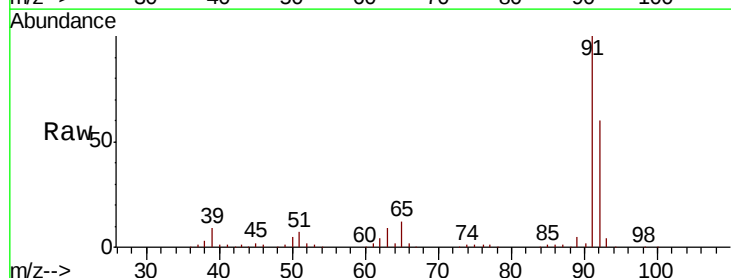
Acq: 30 Oct 2019 10:38

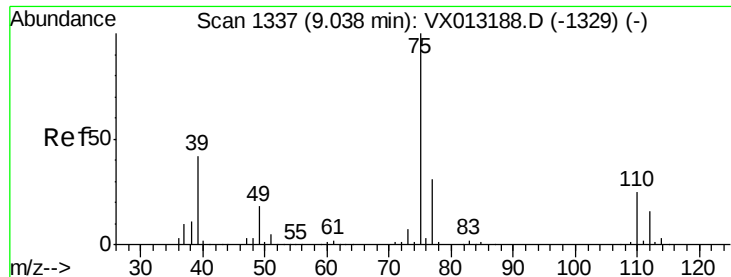
Tgt Ion: 92 Resp: 168551

Ion Ratio Lower Upper

92 100

91 166.1 133.9 200.9

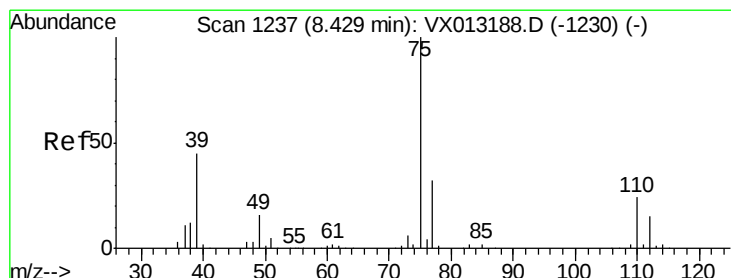
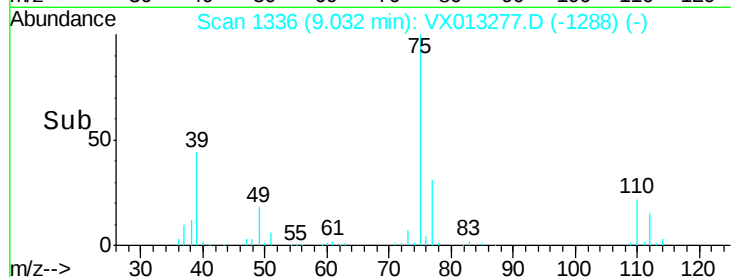
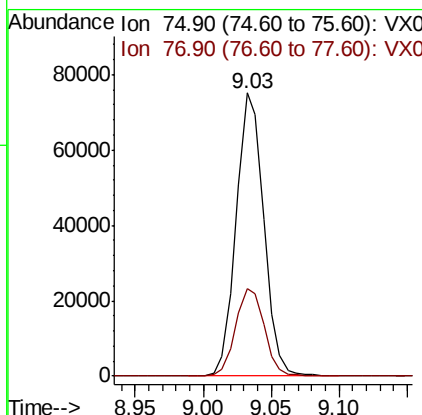
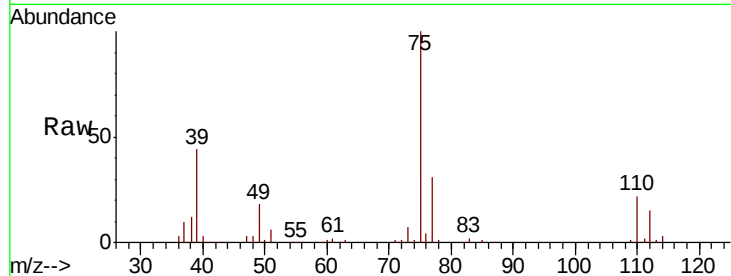




#53
 t-1,3-Dichloropropene
 Concen: 59.058 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

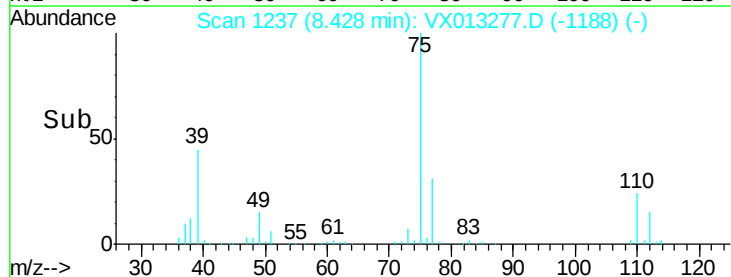
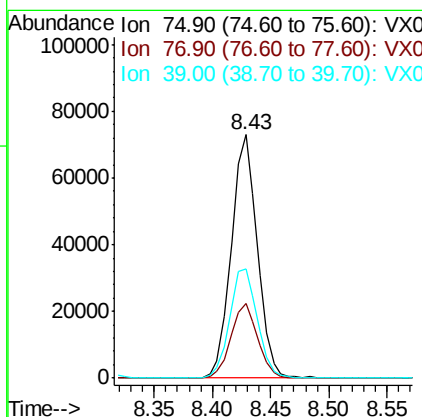
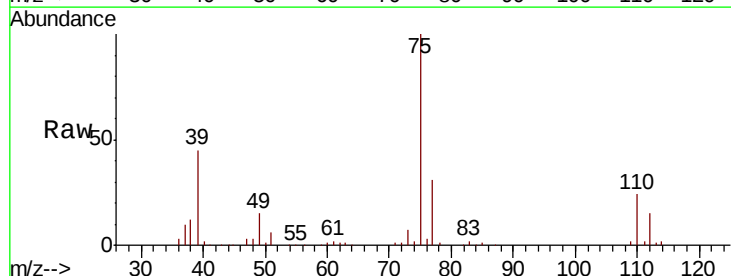
Instrument :
 MSVOA_X
 ClientSampleId :

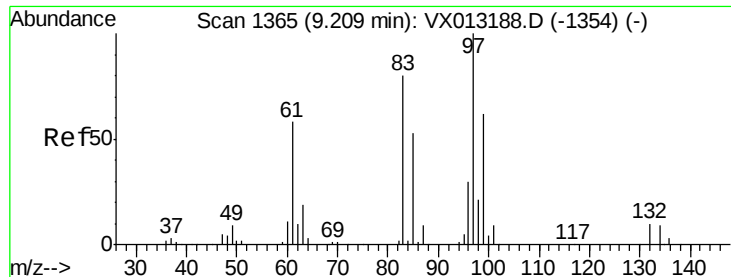
Tot Ion: 75 Resp: 106449
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 57.596 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 75 Resp: 113566
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 44.9 36.2 54.4

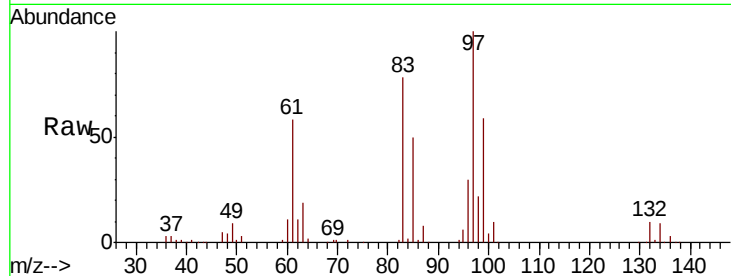




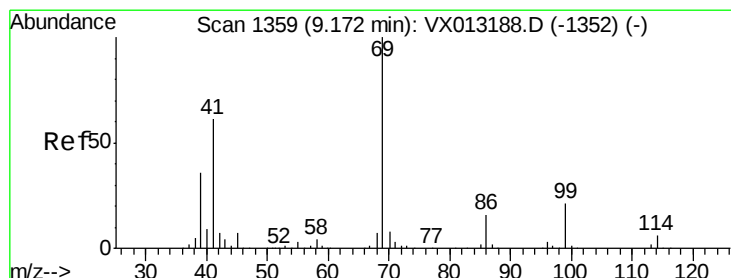
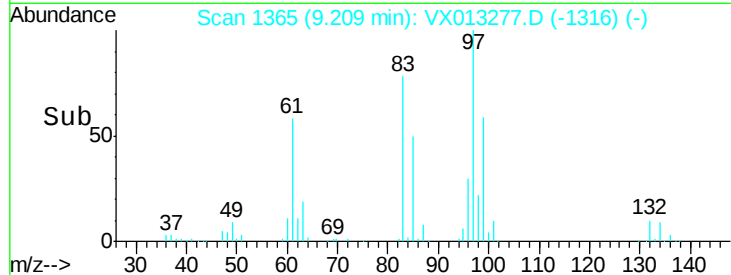
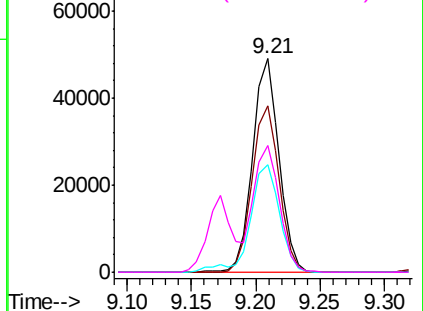
#55
 1,1,2-Trichloroethane
 Concen: 54.523 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	68904
Ion	Ratio	Lower	Upper
97	100		
83	78.0	64.1	96.1
85	50.4	42.1	63.1
99	59.4	49.4	74.2

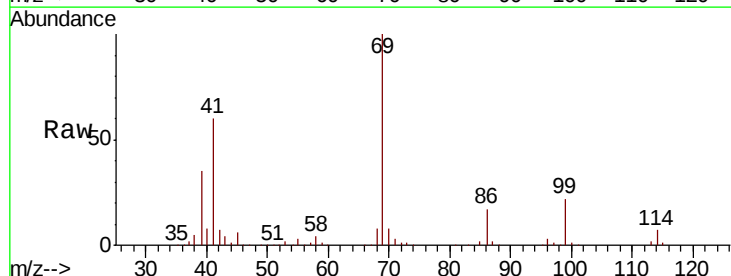


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

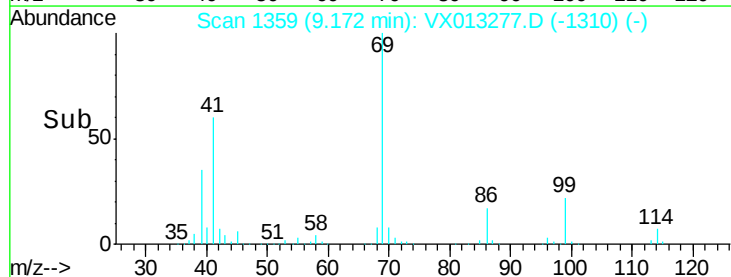
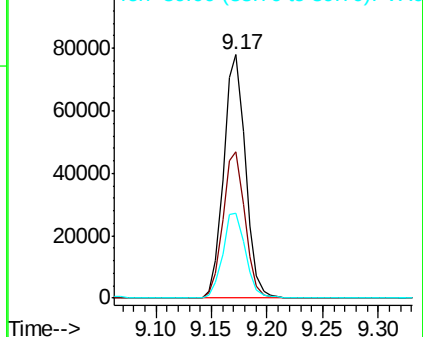


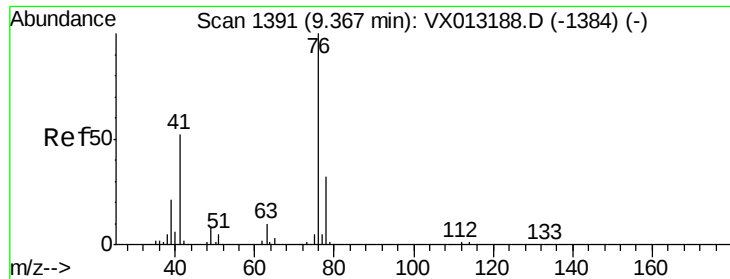
#56
 Ethyl methacrylate
 Concen: 55.628 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion:	69	Resp:	105807
Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.5	74.3
39	36.5	28.3	42.5



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: 52.907 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

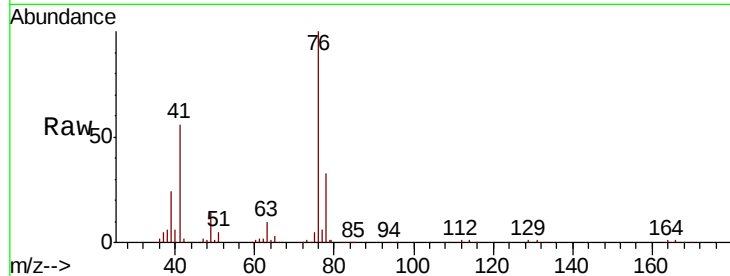
ClientSampleId :

Tot Ion: 76 Resp: 112815

Ion Ratio Lower Upper

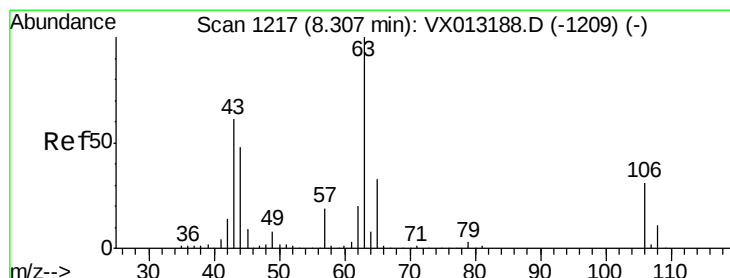
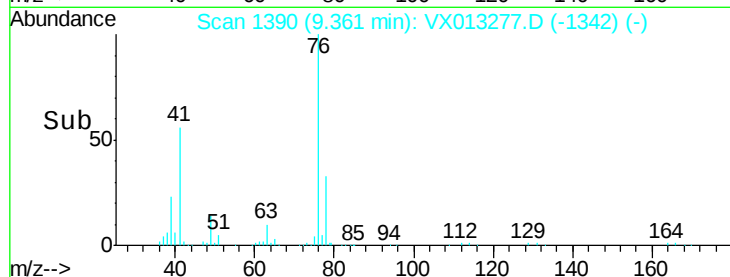
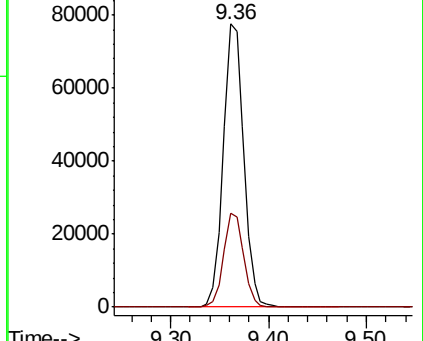
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 304.680 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013277.D

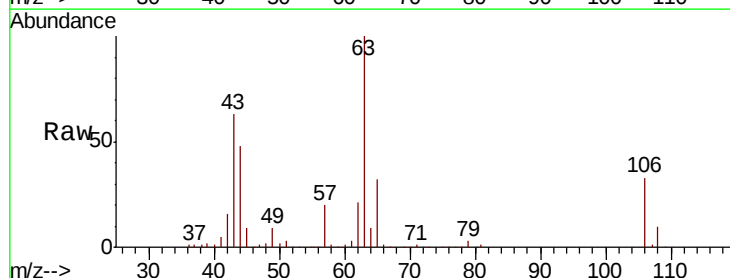
Acq: 30 Oct 2019 10:38

Tgt Ion: 63 Resp: 226123

Ion Ratio Lower Upper

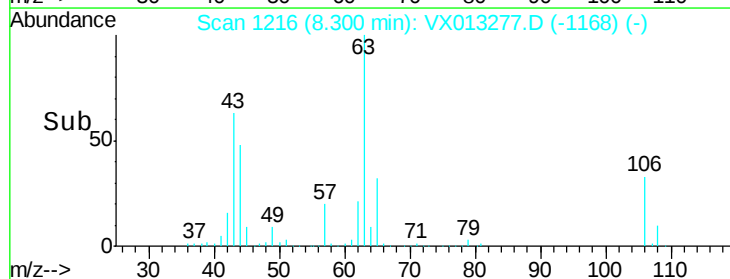
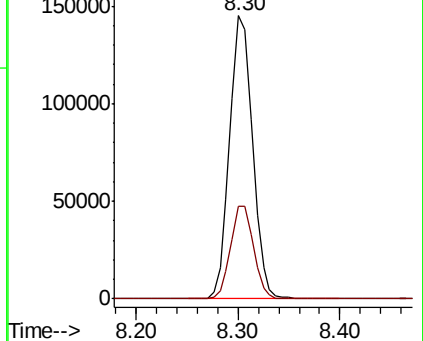
63 100

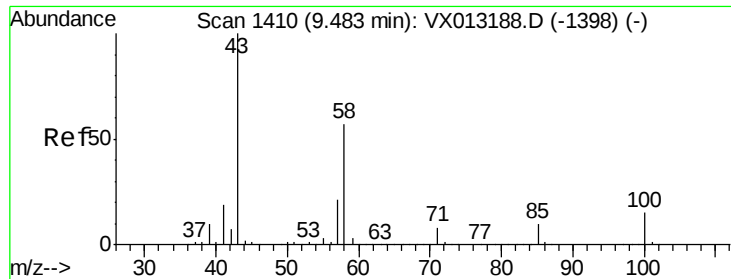
106 32.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

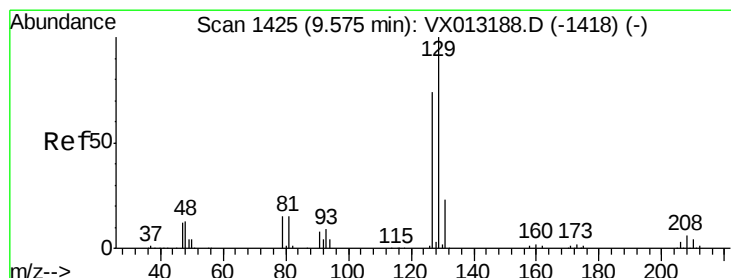
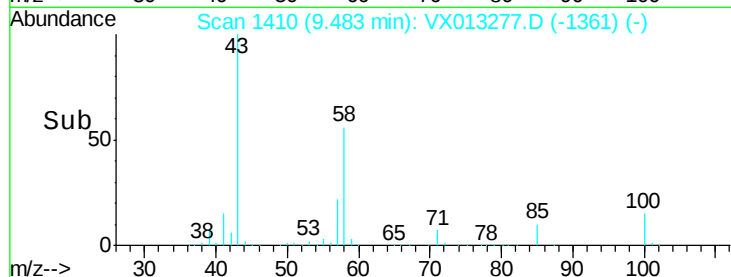
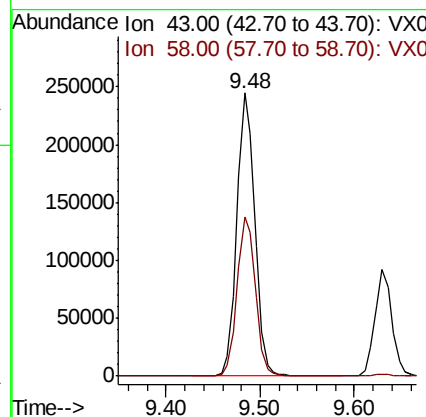
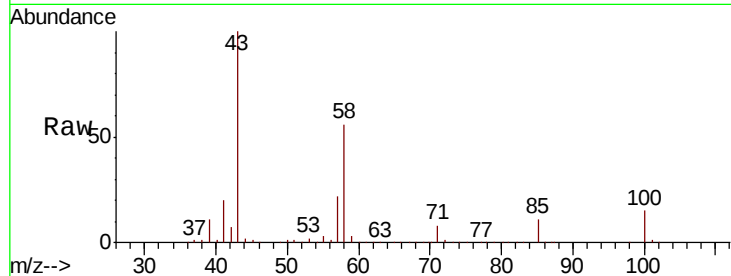




#59
2-Hexanone
Concen: 260.068 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

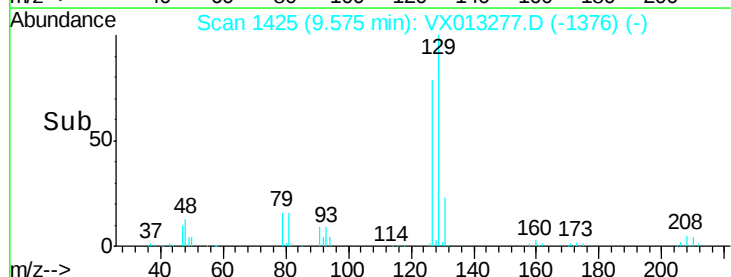
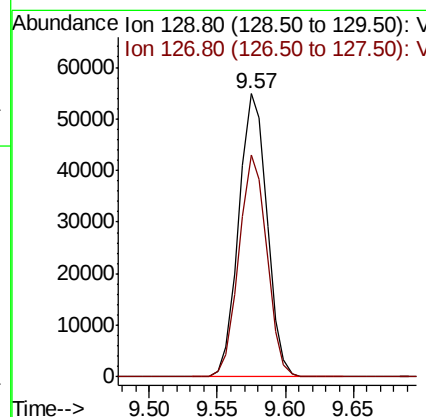
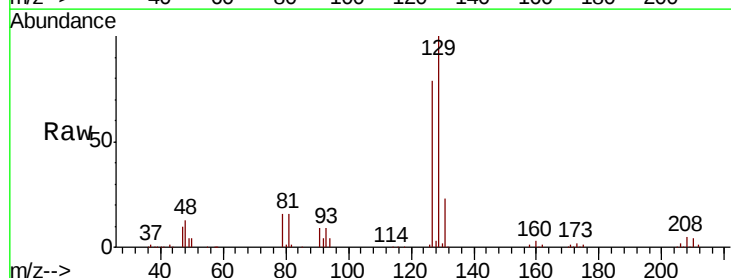
Instrument :
MSVOA_X
ClientSampleId :

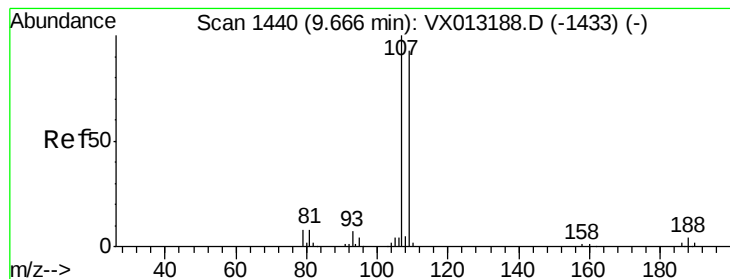
Tot Ion: 43 Resp: 324413
Ion Ratio Lower Upper
43 100
58 57.3 28.2 84.7



#60
Dibromochloromethane
Concen: 60.181 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 129 Resp: 79693
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 54.573 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

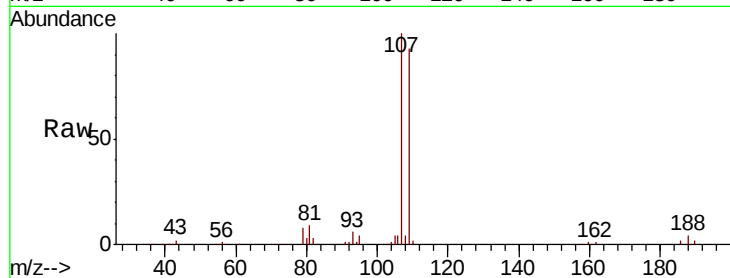
ClientSampleId :

Tot Ion:107 Resp: 73216

Ion Ratio Lower Upper

107 100

109 94.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

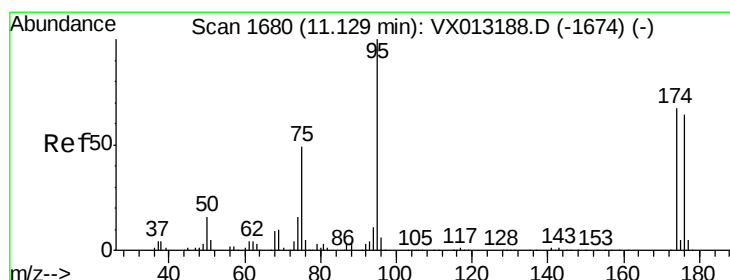
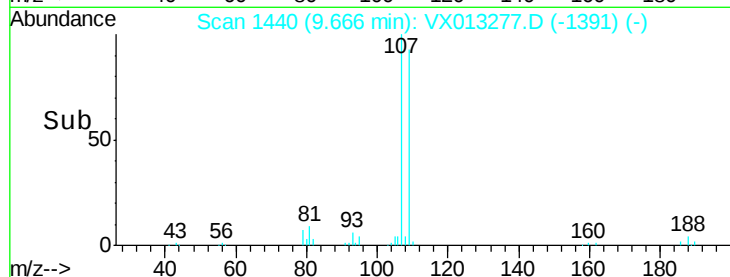
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 53.310 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

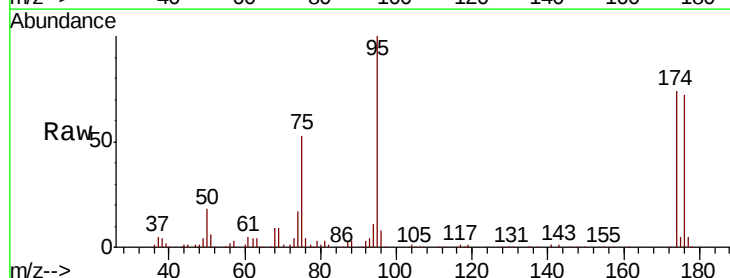
Tgt Ion: 95 Resp: 83733

Ion Ratio Lower Upper

95 100

174 76.5 0.0 152.4

176 75.8 0.0 146.0



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

11.13

80000

60000

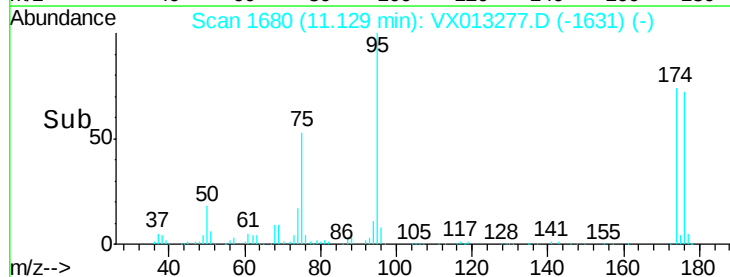
40000

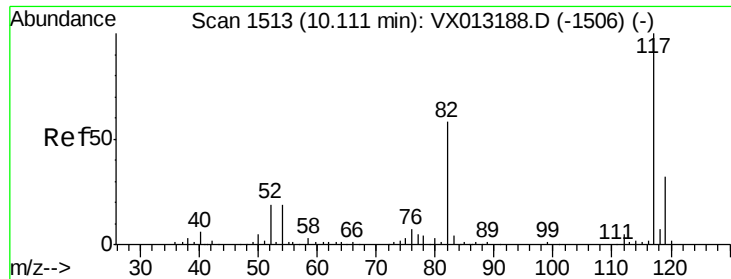
20000

0

11.05 11.10 11.15 11.20

Time-->

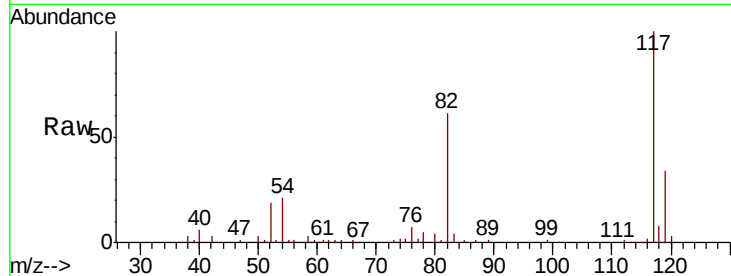




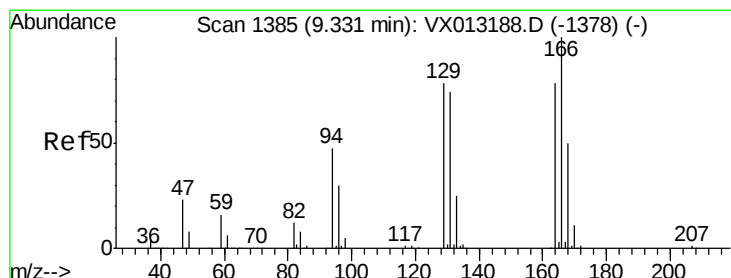
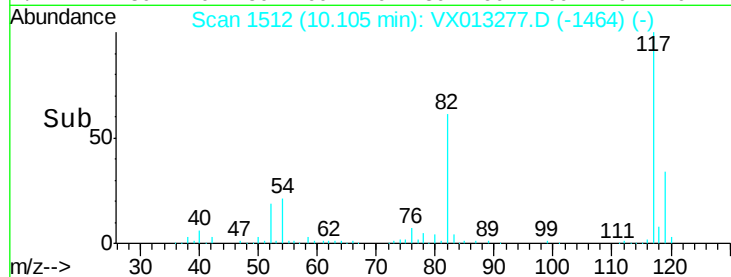
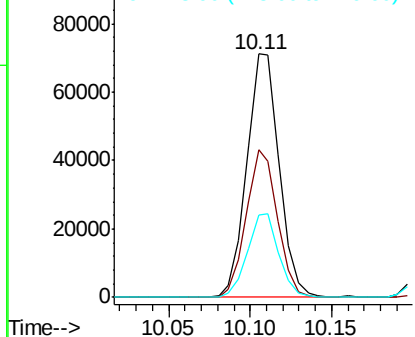
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 98784
Ion Ratio Lower Upper
117 100
82 60.6 46.5 69.7
119 33.6 25.2 37.8



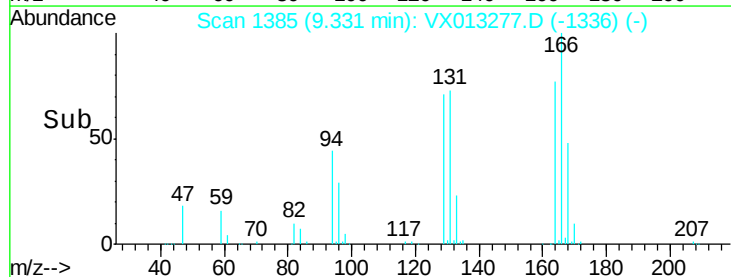
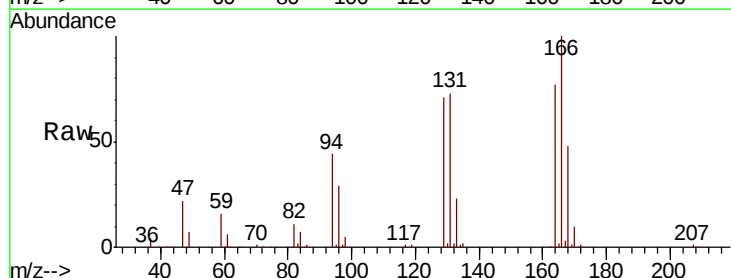
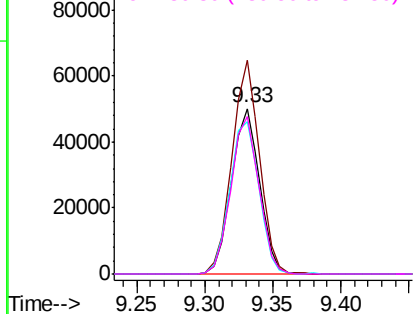
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

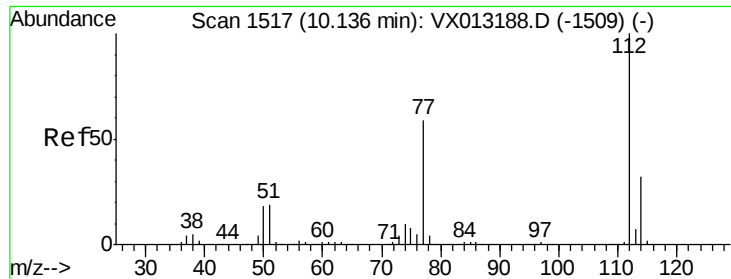


#64
Tetrachloroethene
Concen: 59.543 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion:164 Resp: 72127
Ion Ratio Lower Upper
164 100
166 129.3 102.2 153.4
129 92.2 79.8 119.8
131 94.9 75.3 112.9

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

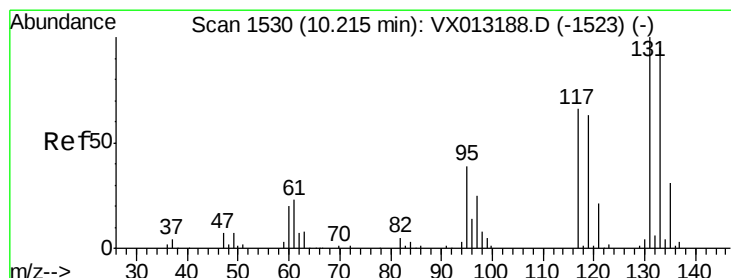
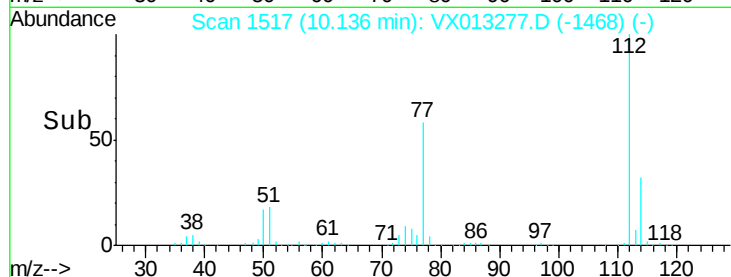
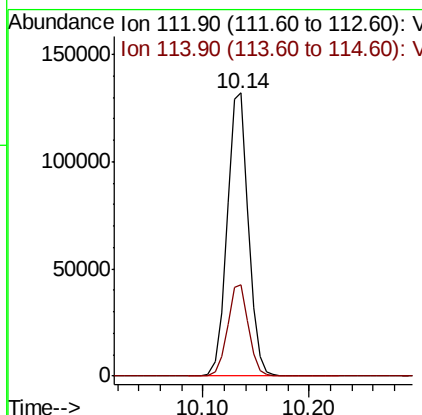
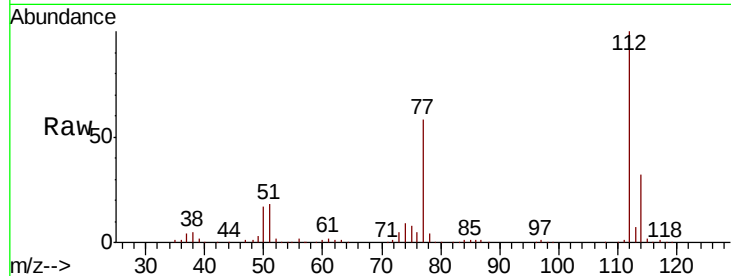




#65
Chlorobenzene
Concen: 53.276 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

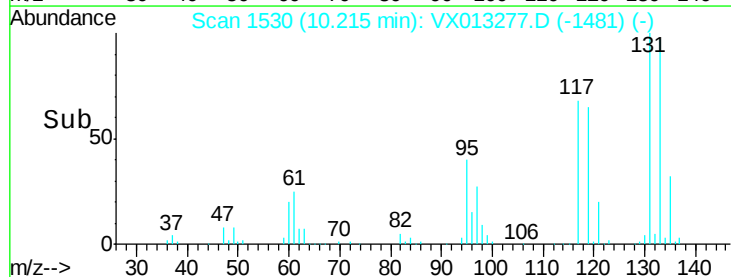
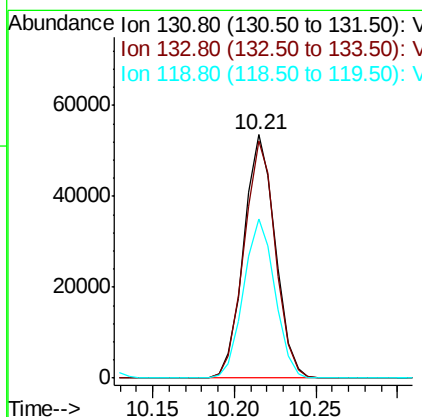
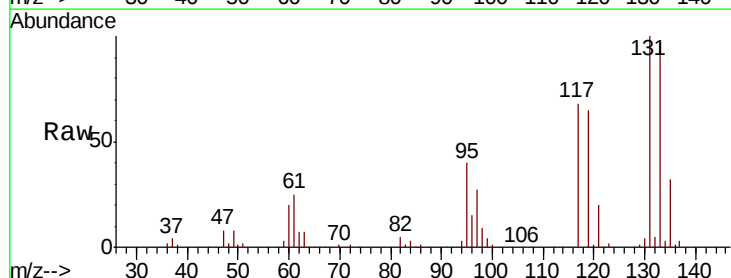
Instrument :
MSVOA_X
ClientSampleId :

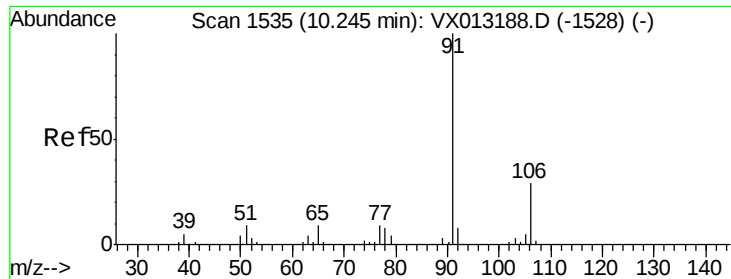
Tot Ion:112 Resp: 184230
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.541 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion:131 Resp: 72227
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.2
119 65.3 32.4 97.0

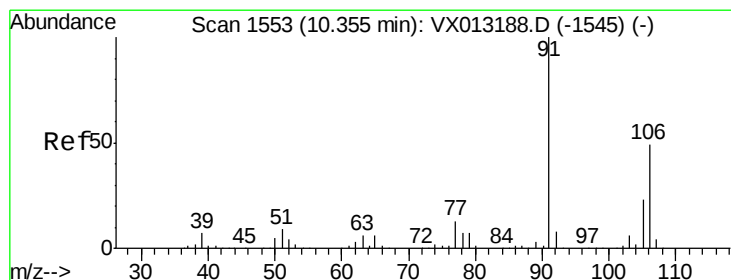
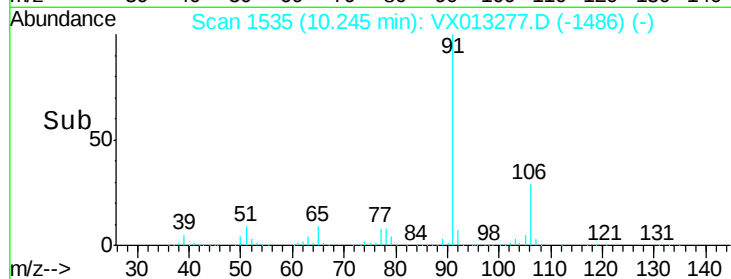
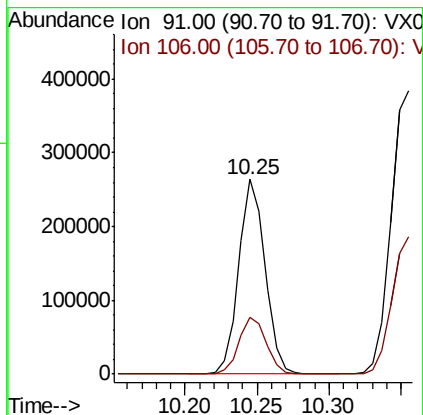
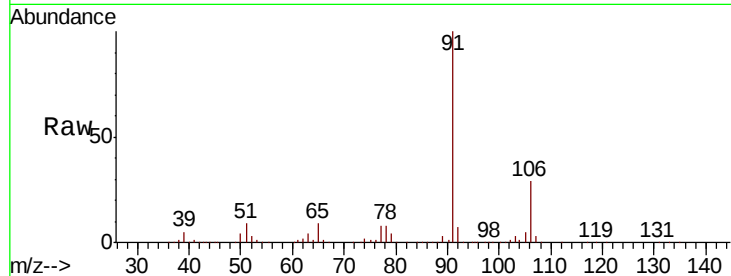




#67
Ethyl Benzene
Concen: 54.221 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

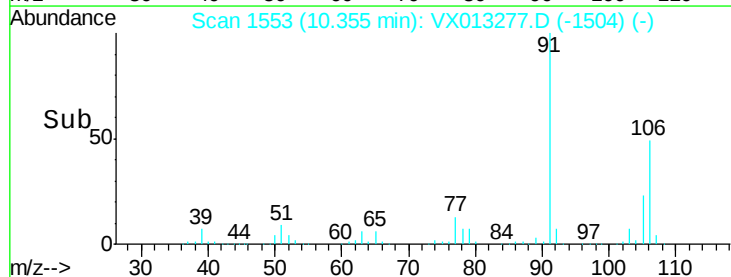
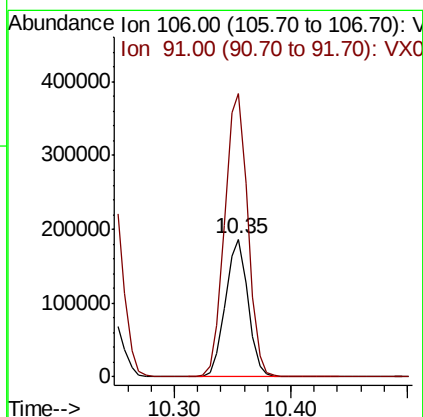
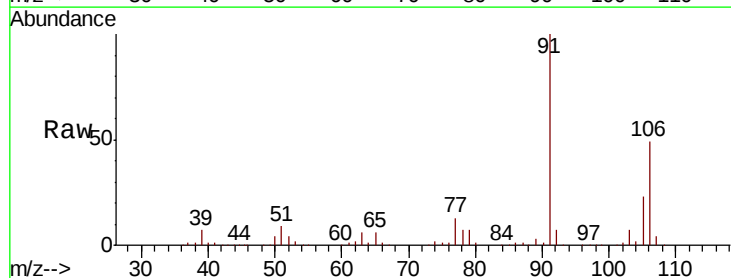
Instrument :
MSVOA_X
ClientSampled :

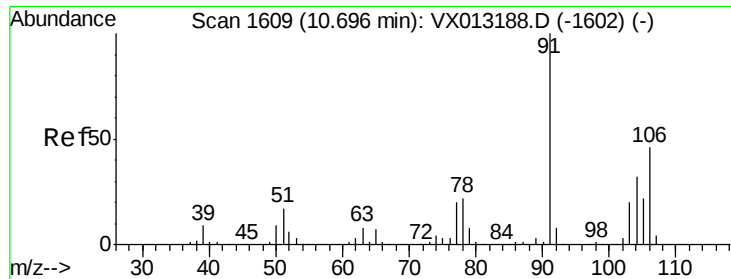
Tot Ion: 91 Resp: 335664
Ion Ratio Lower Upper
91 100
106 29.3 23.5 35.3



#68
m/p-Xylenes
Concen: 107.175 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 106 Resp: 250739
Ion Ratio Lower Upper
106 100
91 210.7 166.8 250.2

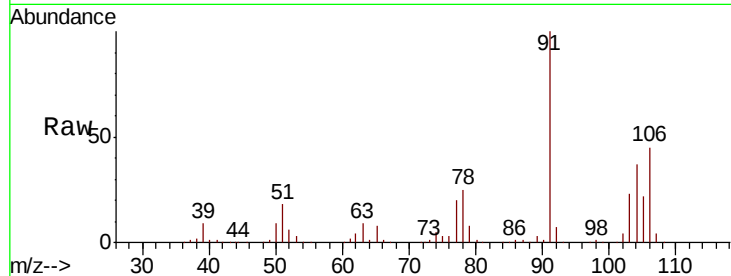




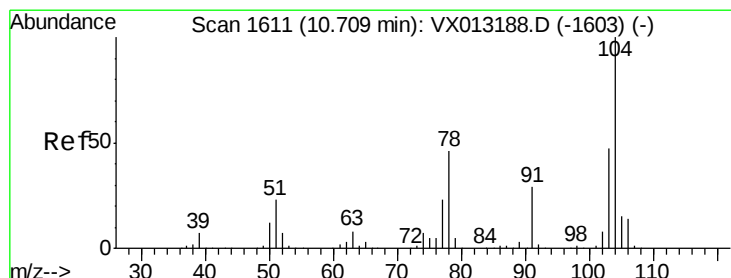
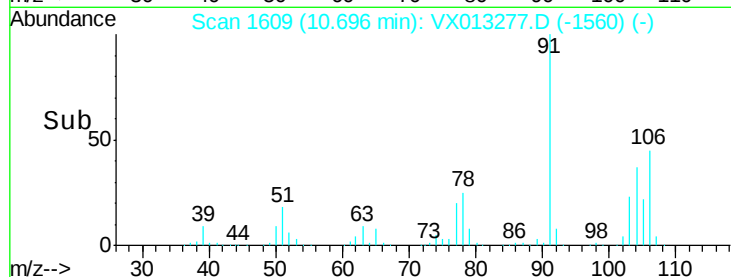
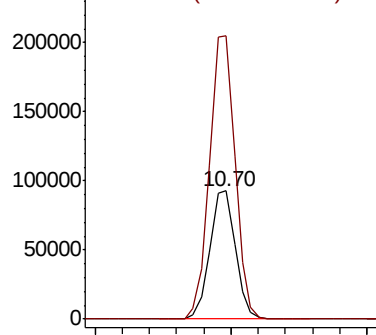
#69
o-Xylene
Concen: 54.032 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 121262
Ion Ratio Lower Upper
106 100
91 222.1 110.7 331.9

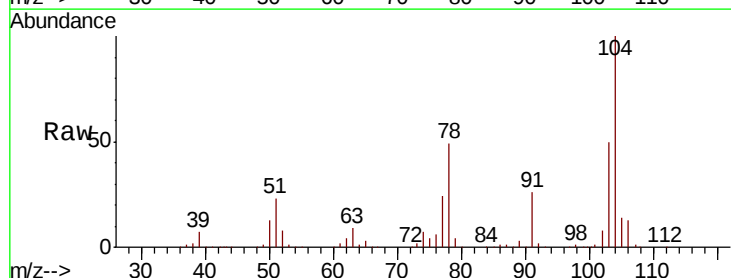


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

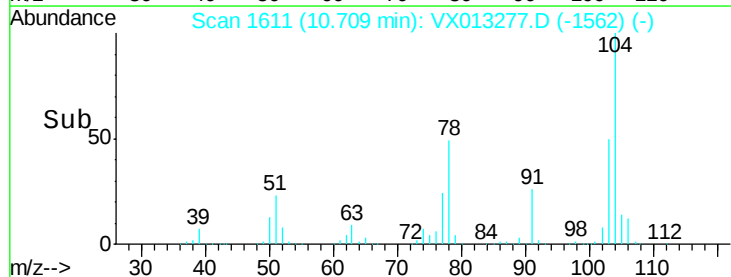
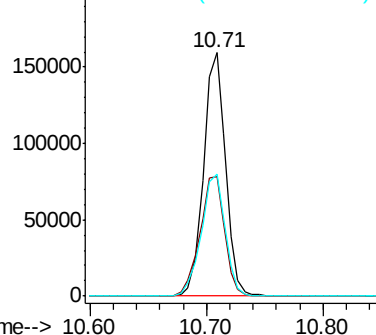


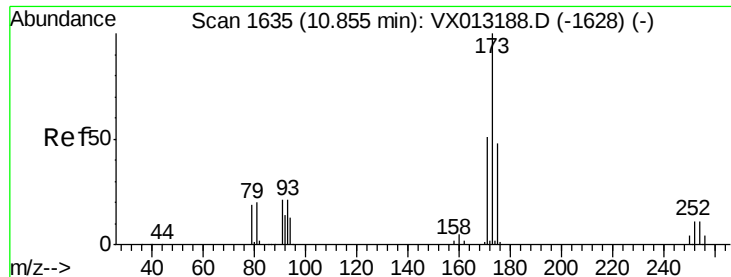
#70
Styrene
Concen: 54.205 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion:104 Resp: 209472
Ion Ratio Lower Upper
104 100
78 55.3 42.2 63.4
103 54.6 42.8 64.2



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





#71

Bromoform

Concen: 61.332 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

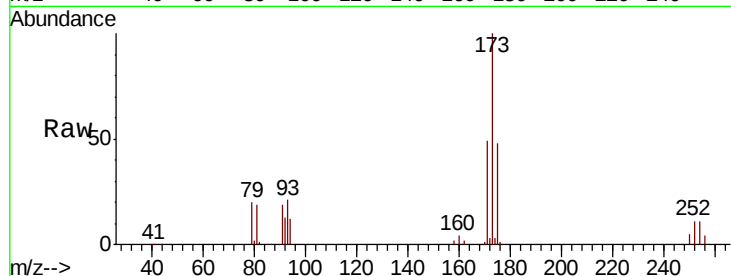
Tot Ion:173 Resp: 57247

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

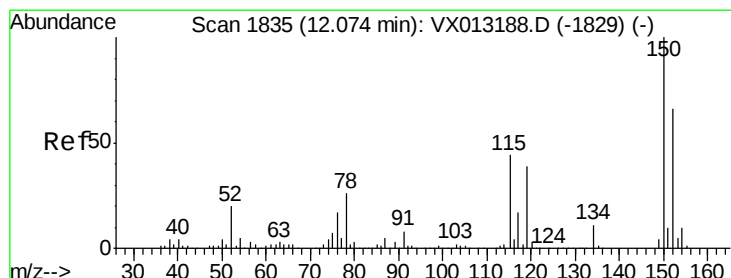
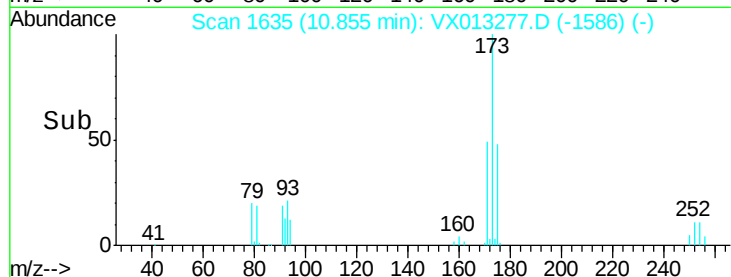
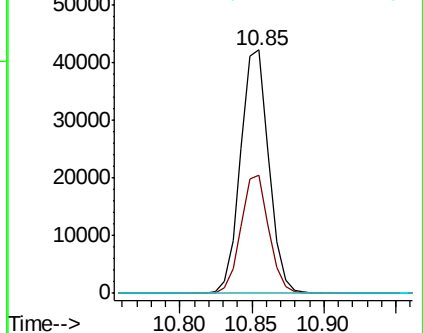
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

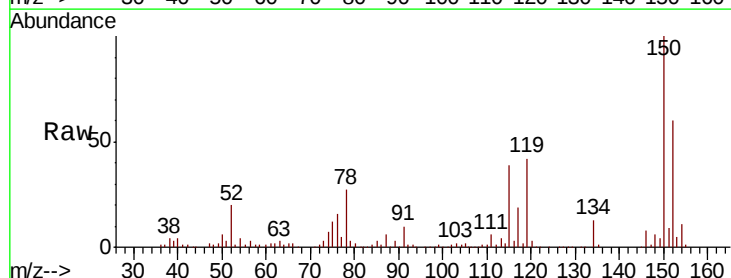
Tgt Ion:152 Resp: 70968

Ion Ratio Lower Upper

152 100

115 91.9 46.6 139.8

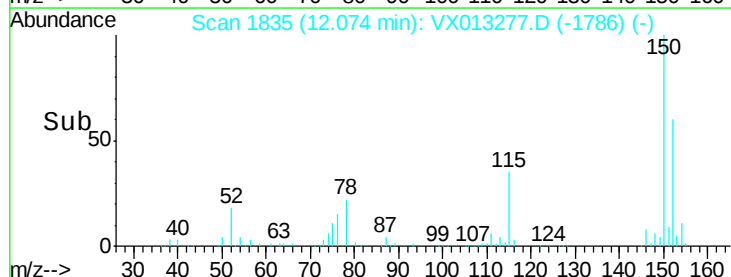
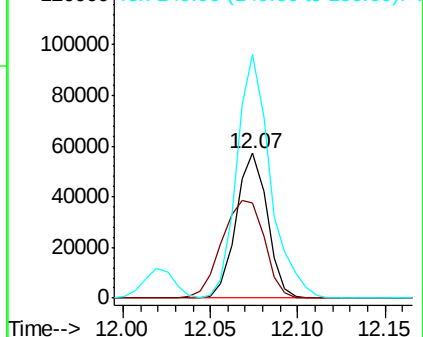
150 180.8 0.0 354.0

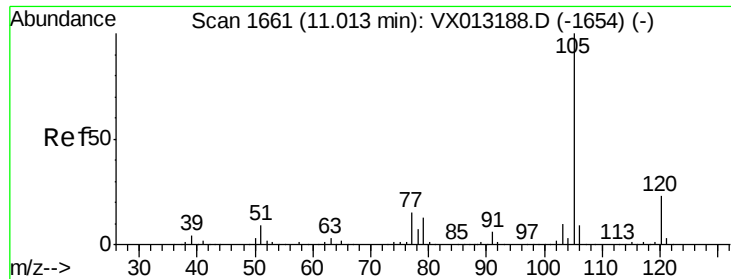


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.516 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

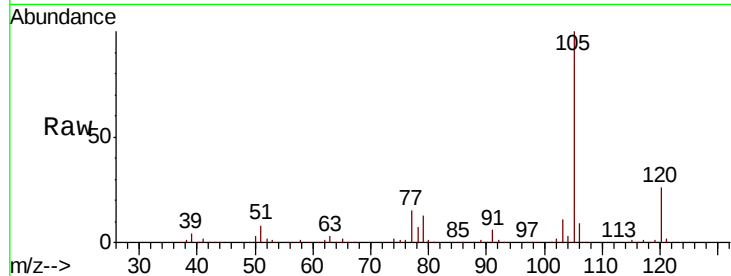
ClientSampleId :

Tot Ion:105 Resp: 338444

Ion Ratio Lower Upper

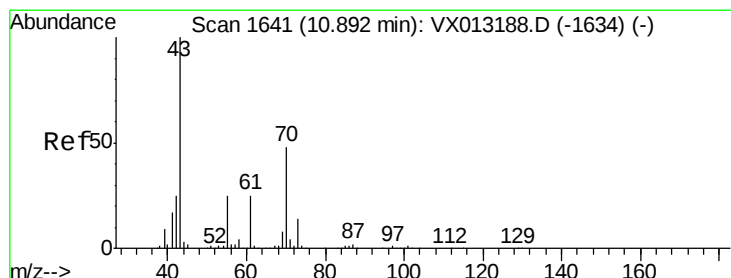
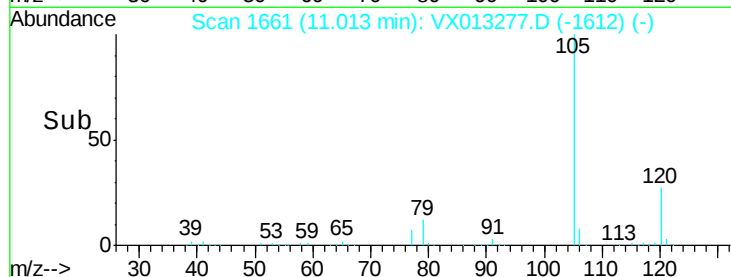
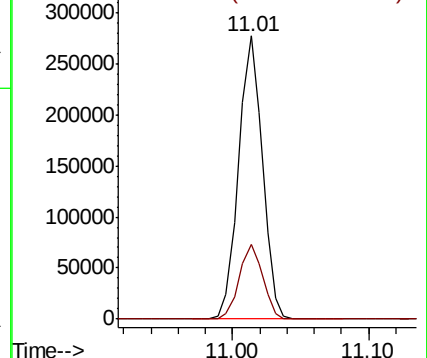
105 100

120 26.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.903 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion: 43 Resp: 118036

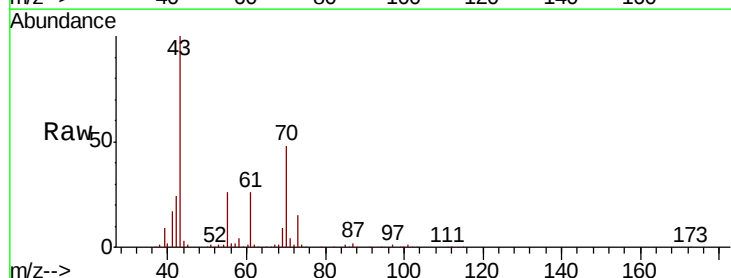
Ion Ratio Lower Upper

43 100

70 48.8 38.5 57.7

55 26.5 20.7 31.1

61 26.4 20.8 31.2

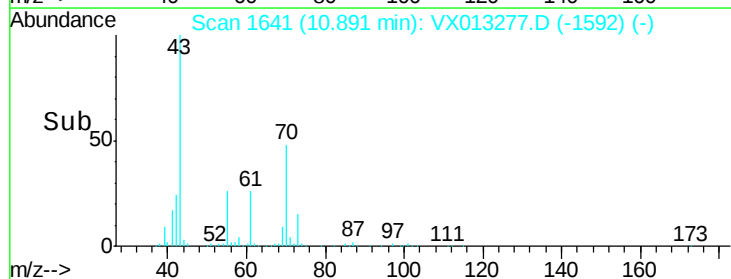
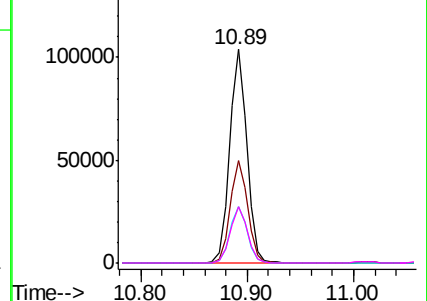


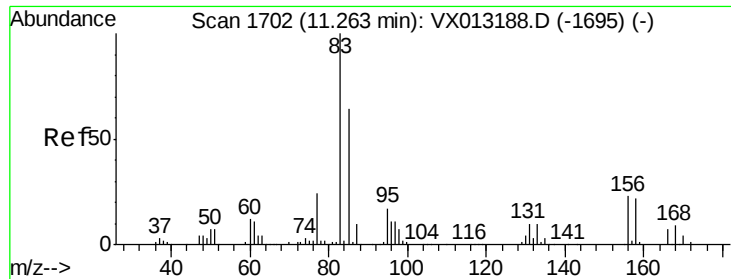
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.419 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

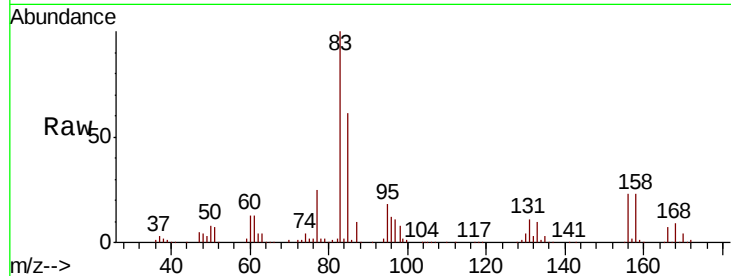
Tot Ion: 83 Resp: 100618

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

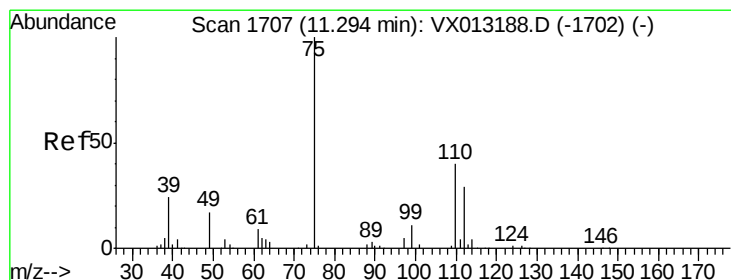
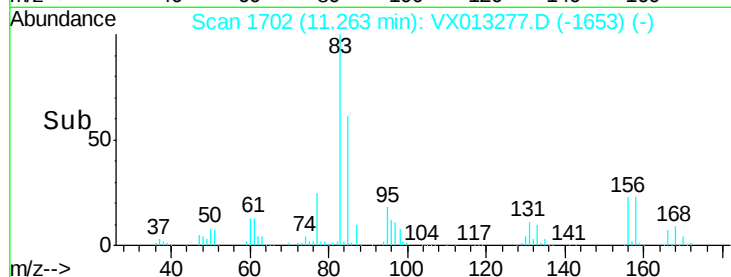
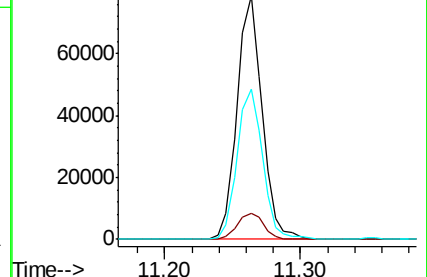
85 63.3 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.692 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013277.D

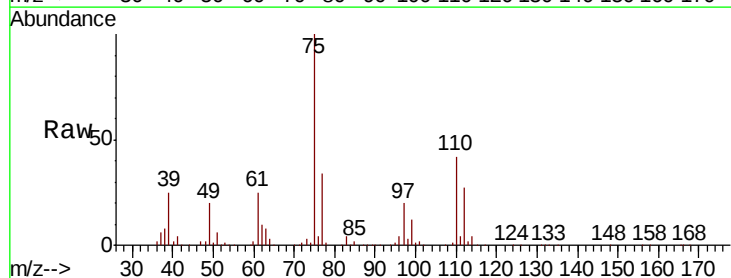
Acq: 30 Oct 2019 10:38

Tgt Ion: 75 Resp: 119205

Ion Ratio Lower Upper

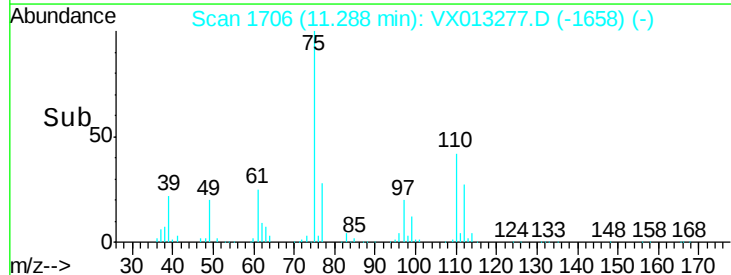
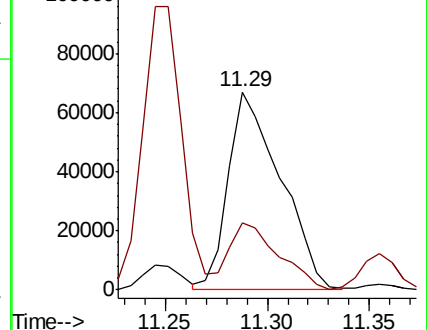
75 100

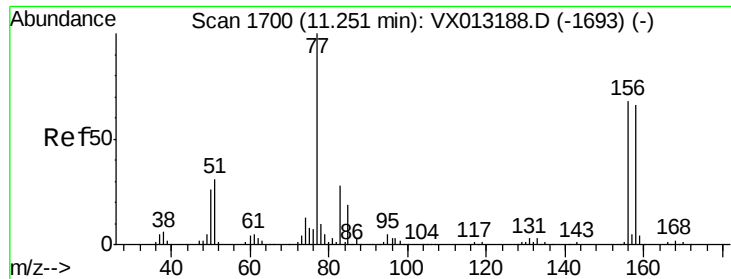
77 32.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.714 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

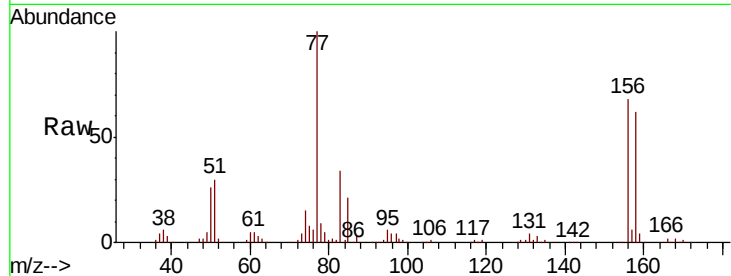
Tot Ion:156 Resp: 81422

Ion Ratio Lower Upper

156 100

77 156.1 81.7 245.1

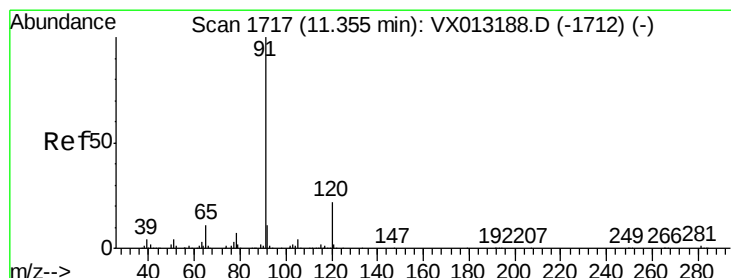
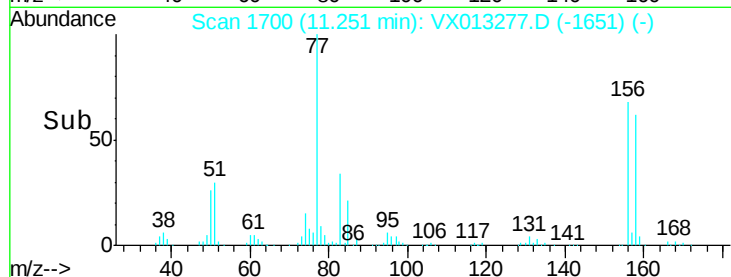
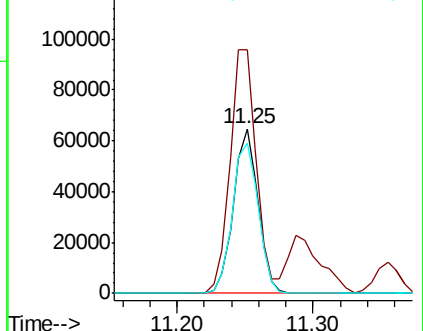
158 96.2 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.588 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013277.D

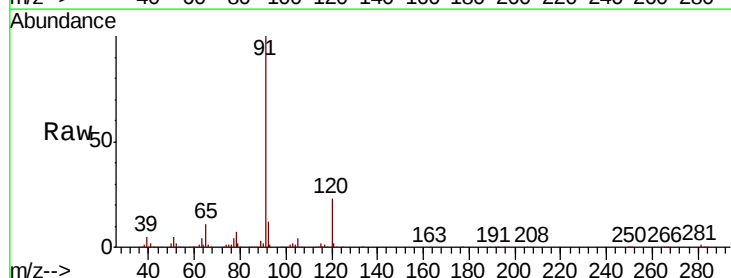
Acq: 30 Oct 2019 10:38

Tgt Ion: 91 Resp: 361132

Ion Ratio Lower Upper

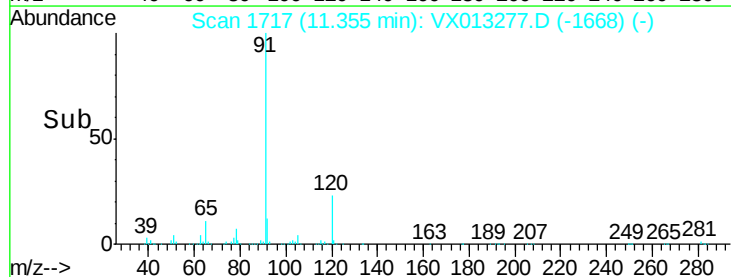
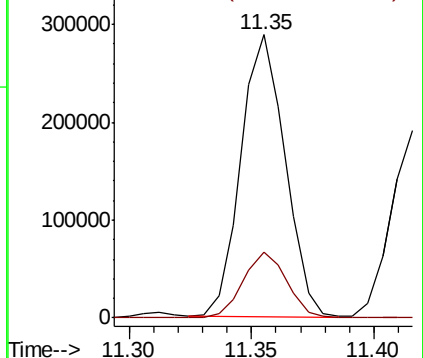
91 100

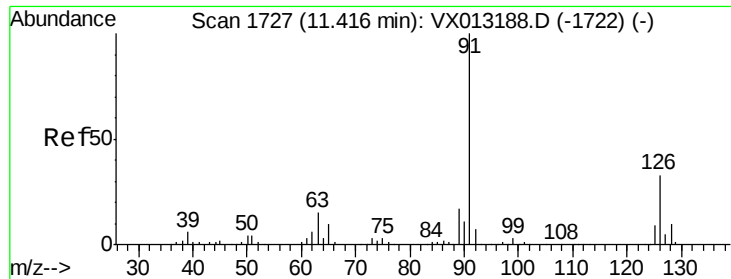
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

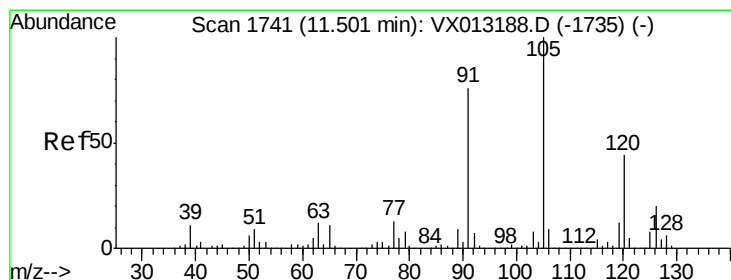
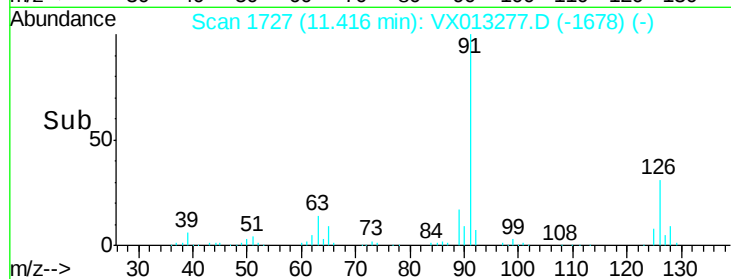
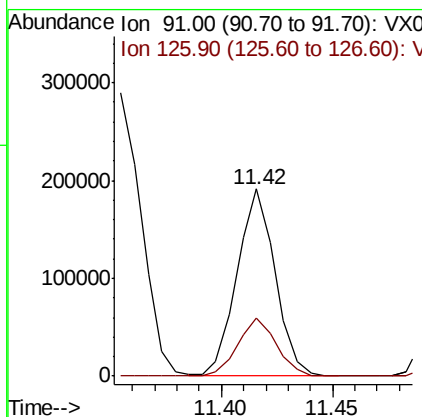
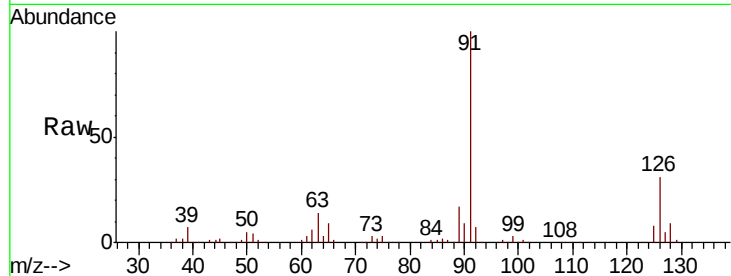




#79
 2-Chlorotoluene
 Concen: 51.527 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

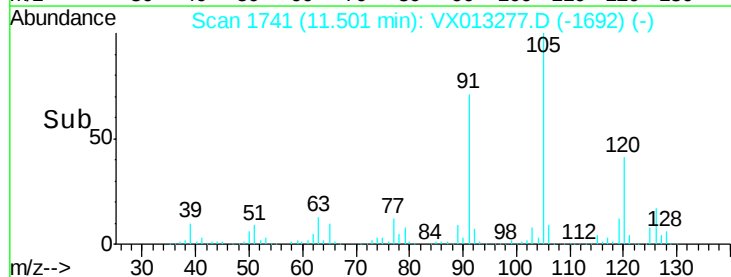
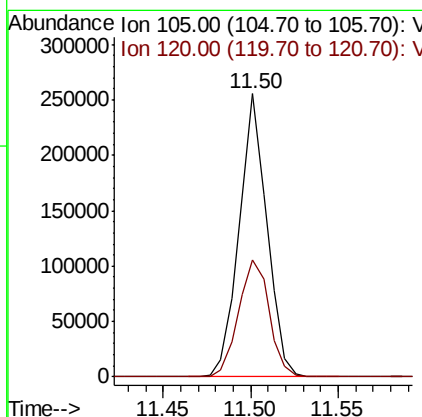
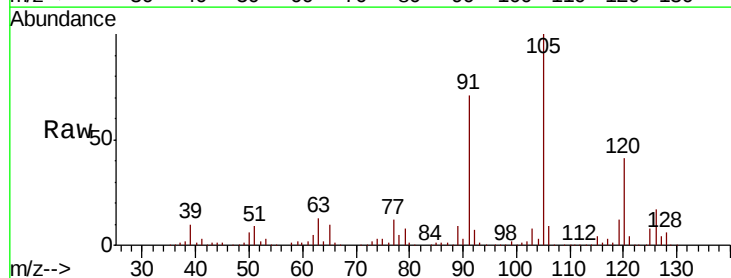
Instrument :
 MSVOA_X
 ClientSampleId :

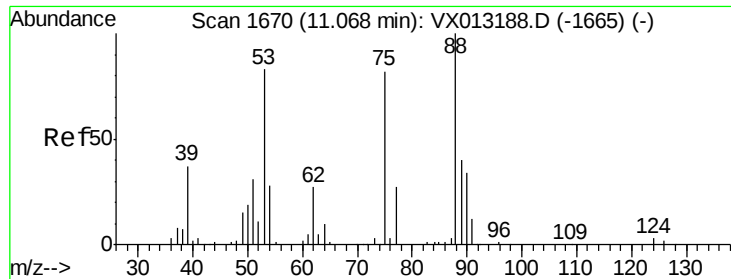
Tot Ion: 91 Resp: 227908
 Ion Ratio Lower Upper
 91 100
 126 31.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 52.524 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 105 Resp: 281351
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.035 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

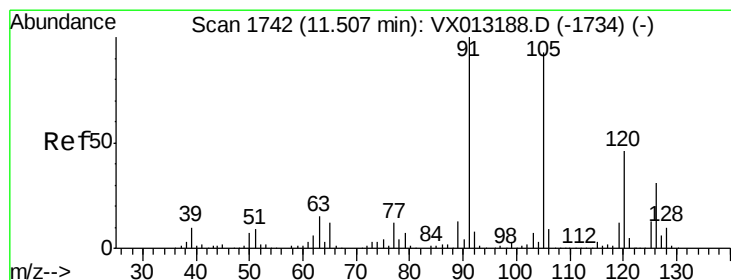
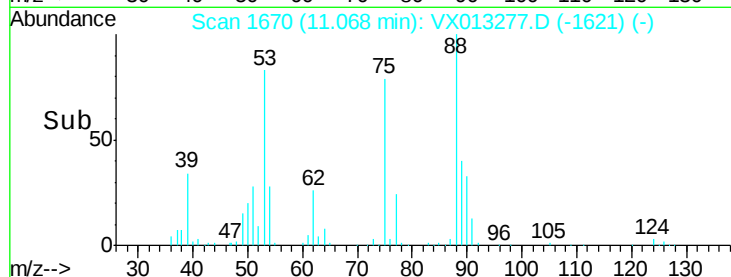
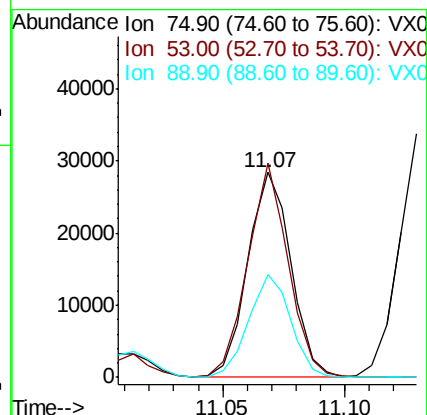
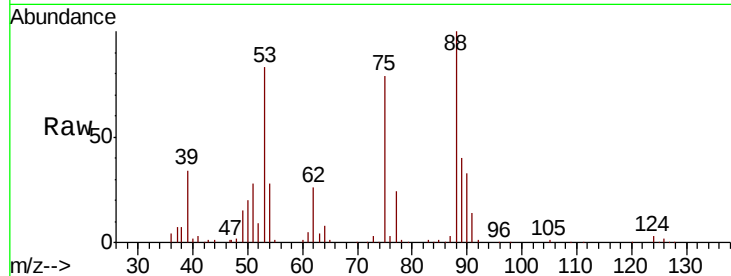
Tot Ion: 75 Resp: 34879

Ion Ratio Lower Upper

75 100

53 97.9 77.9 116.9

89 49.1 37.3 55.9



#82

4-Chlorotoluene

Concen: 50.315 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013277.D

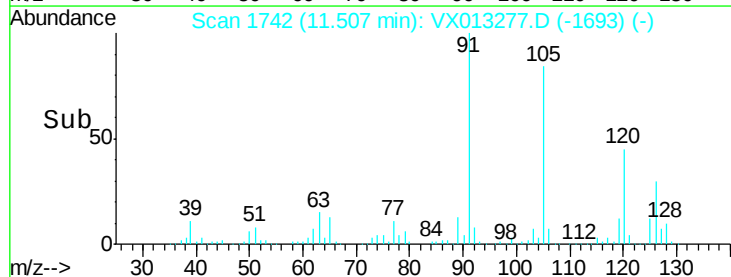
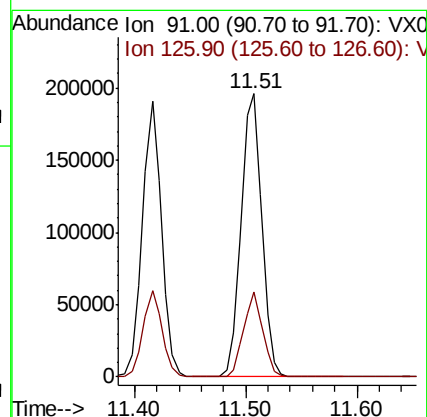
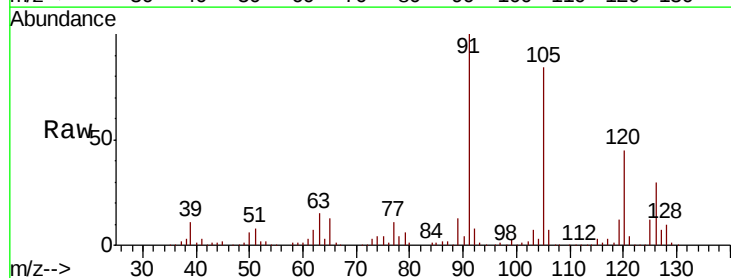
Acq: 30 Oct 2019 10:38

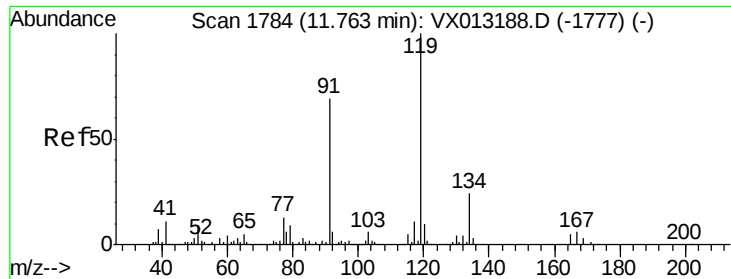
Tgt Ion: 91 Resp: 252158

Ion Ratio Lower Upper

91 100

126 27.9 14.6 44.0

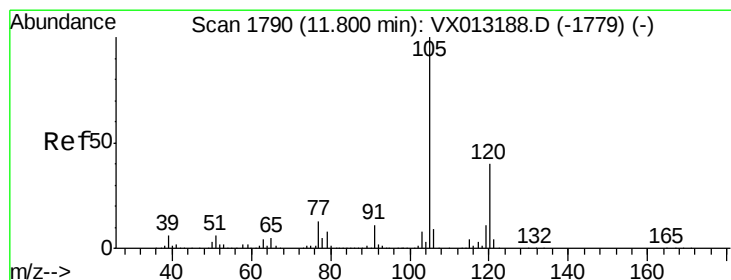
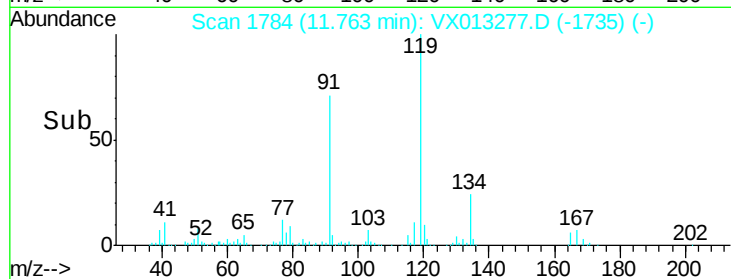
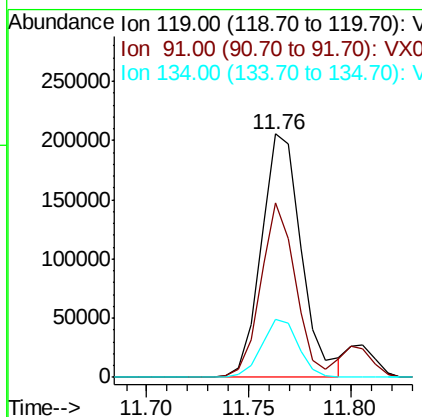
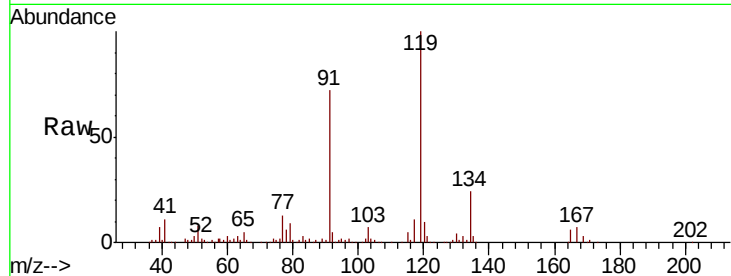




#83
 tert-Butylbenzene
 Concen: 52.968 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

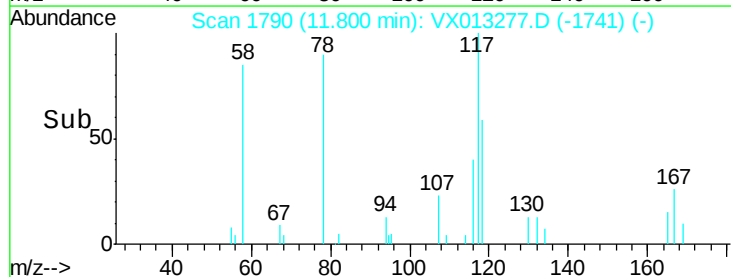
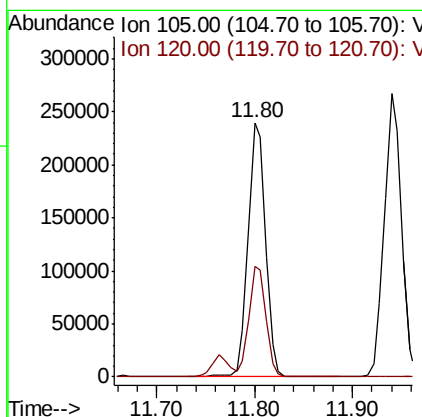
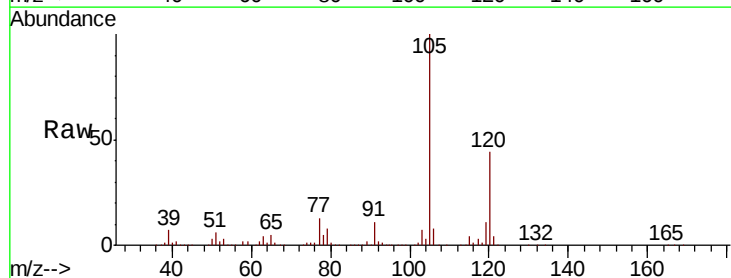
Instrument :
 MSVOA_X
 ClientSampleId :

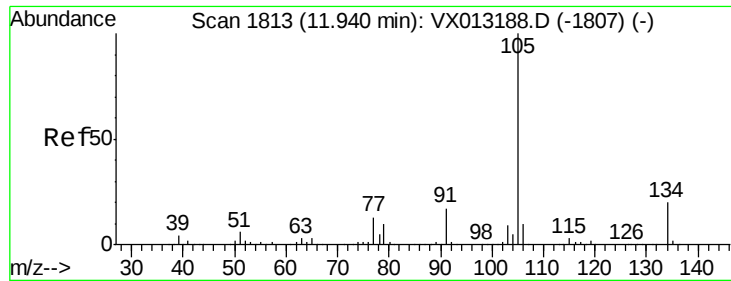
Tot Ion:119 Resp: 280716
 Ion Ratio Lower Upper
 119 100
 91 62.1 30.8 92.4
 134 22.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.042 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion:105 Resp: 297398
 Ion Ratio Lower Upper
 105 100
 120 42.2 21.4 64.3





#85

sec-Butylbenzene

Concen: 54.070 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

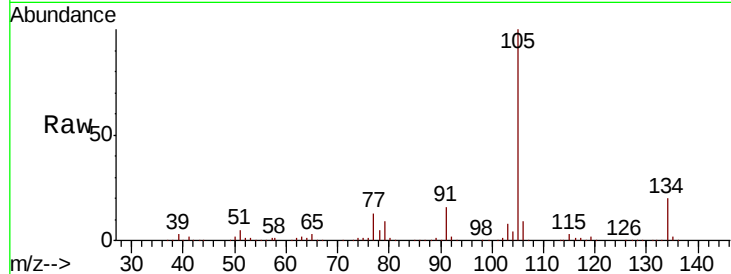
ClientSampleId :

Tot Ion:105 Resp: 326100

Ion Ratio Lower Upper

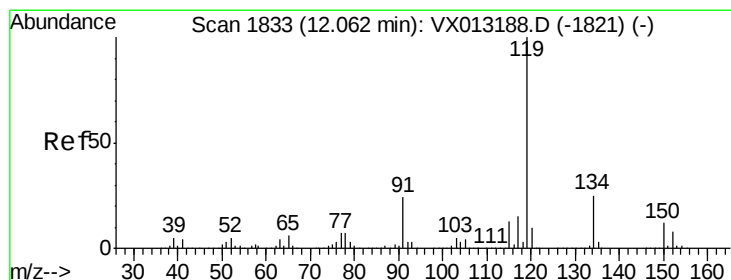
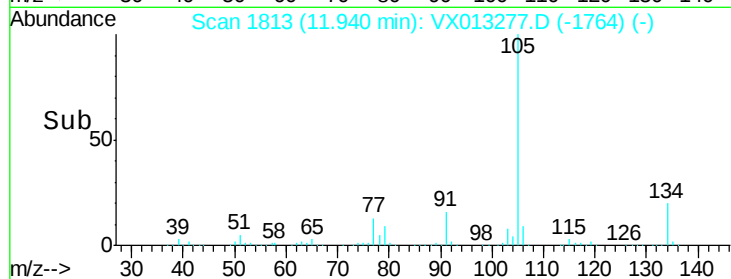
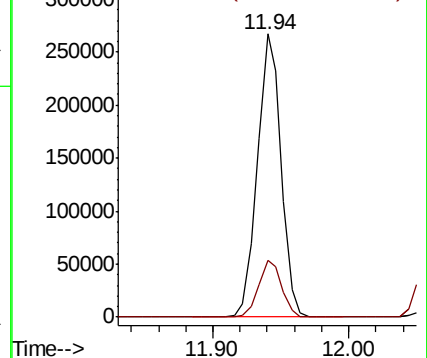
105 100

134 19.7 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.847 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

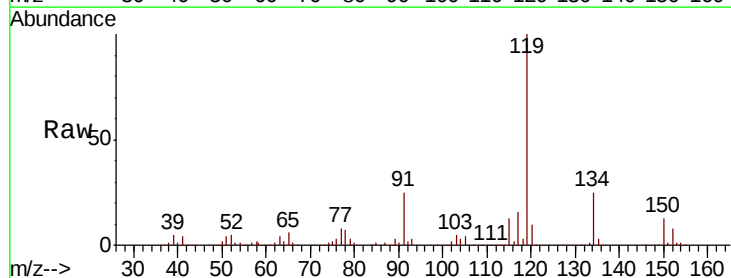
Tgt Ion:119 Resp: 305093

Ion Ratio Lower Upper

119 100

134 25.2 12.5 37.5

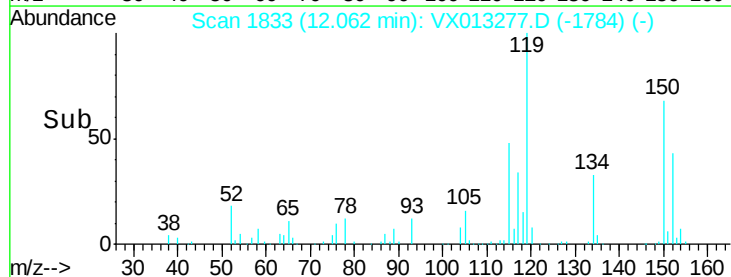
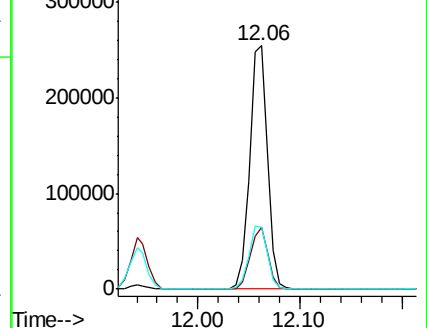
91 26.8 12.4 37.2

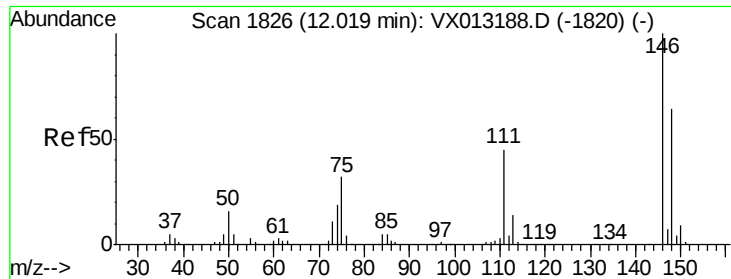


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

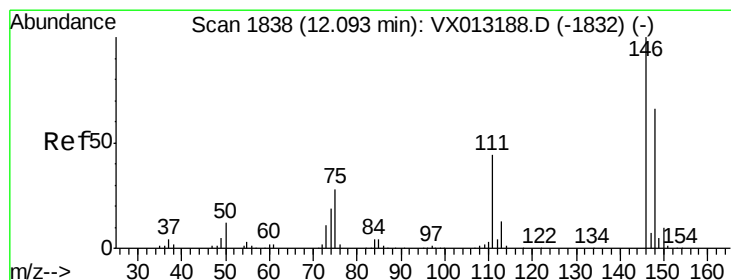
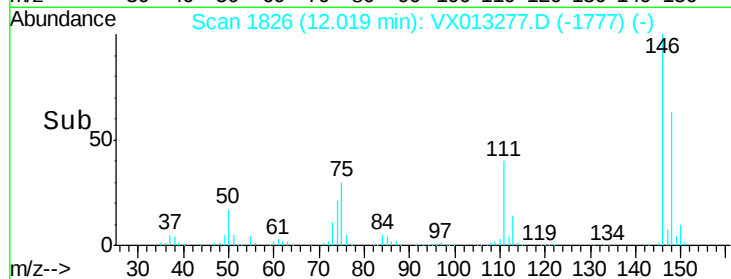
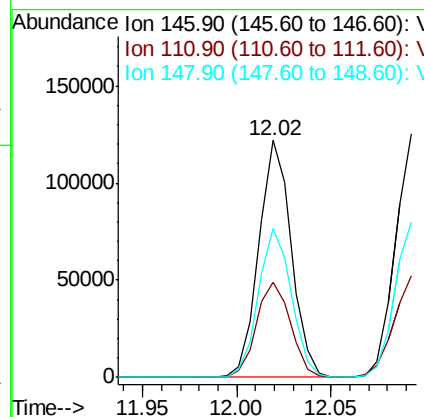
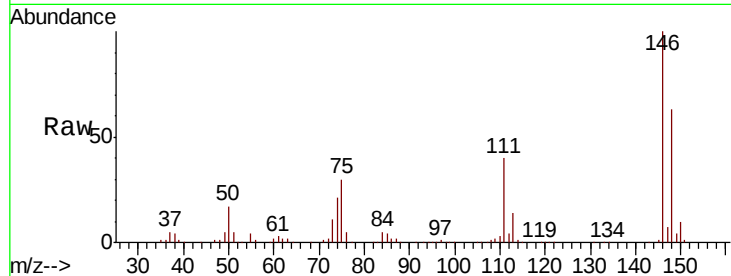




#87
 1,3-Dichlorobenzene
 Concen: 52.220 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

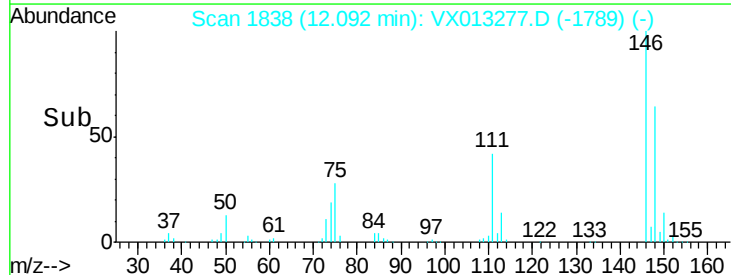
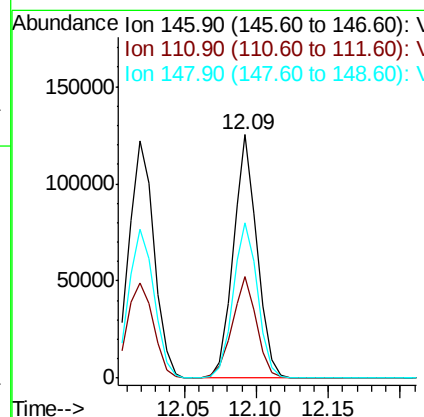
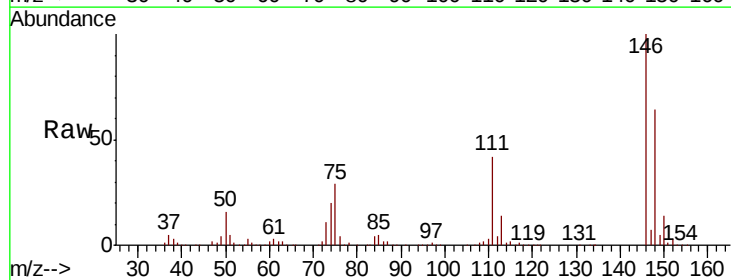
Instrument :
 MSVOA_X
 ClientSampleId :

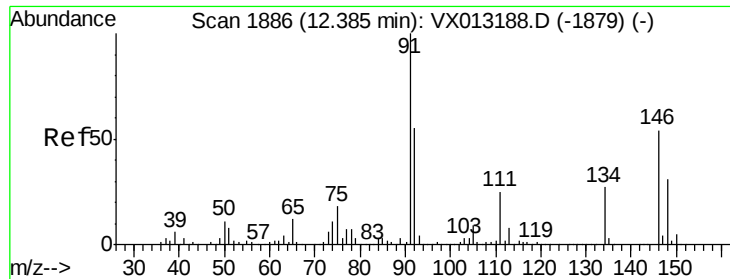
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.9
148	63.9	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 51.089 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	66.0	32.5	97.5

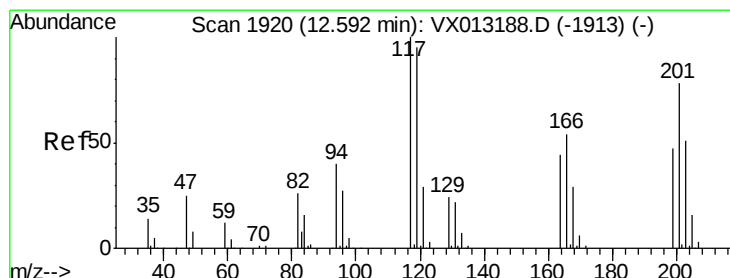
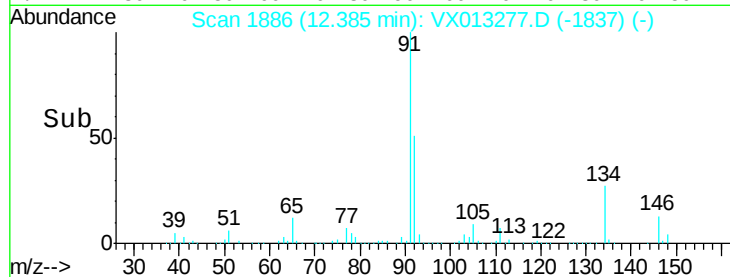
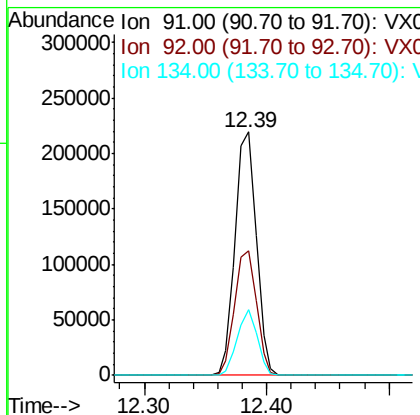
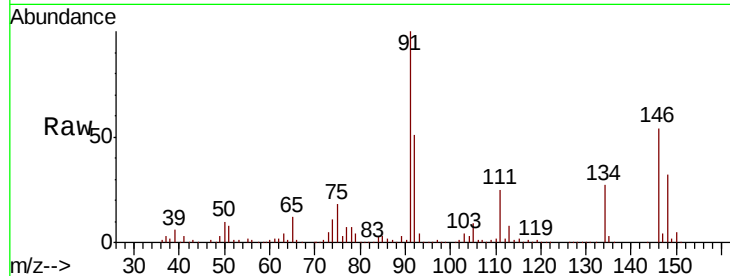




#89
n-Butylbenzene
Concen: 56.780 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

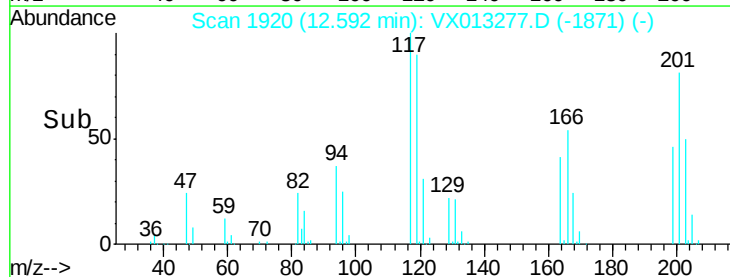
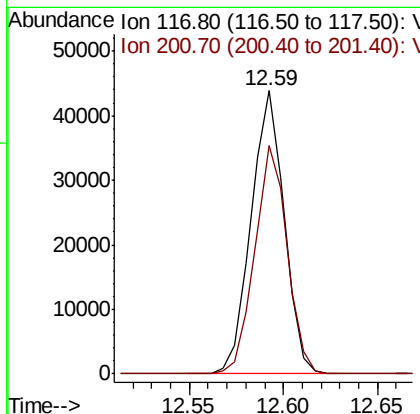
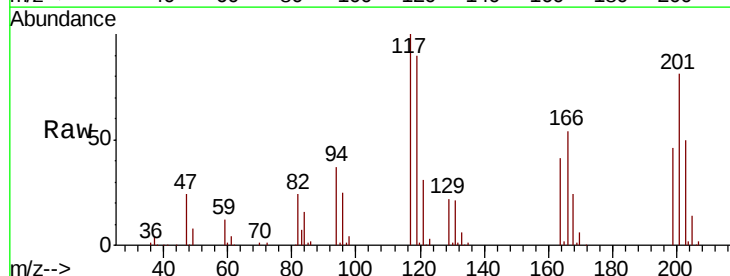
Instrument :
MSVOA_X
ClientSampled :

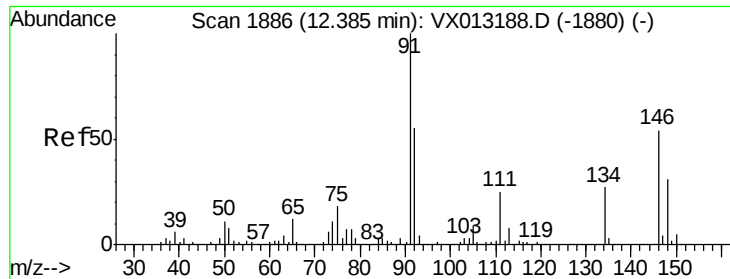
Tot Ion: 91 Resp: 263172
Ion Ratio Lower Upper
91 100
92 52.6 27.7 83.1
134 25.7 13.2 39.6



#90
Hexachloroethane
Concen: 56.210 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 117 Resp: 53335
Ion Ratio Lower Upper
117 100
201 79.1 39.0 116.9

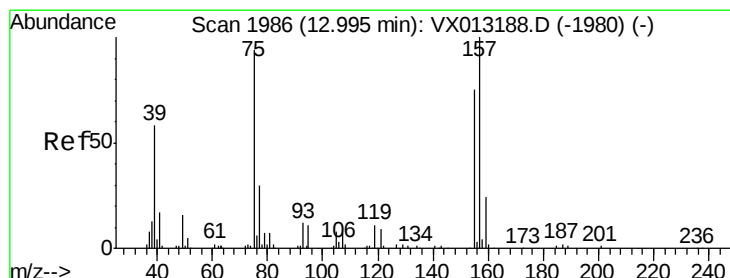
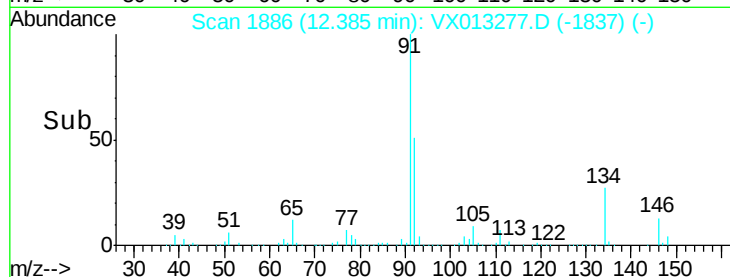
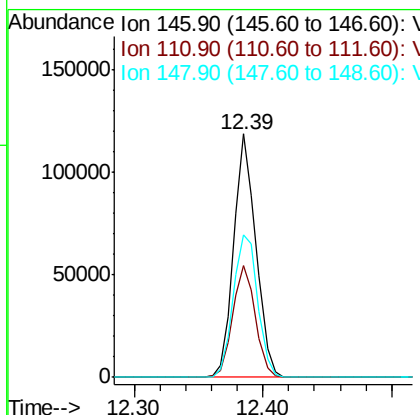
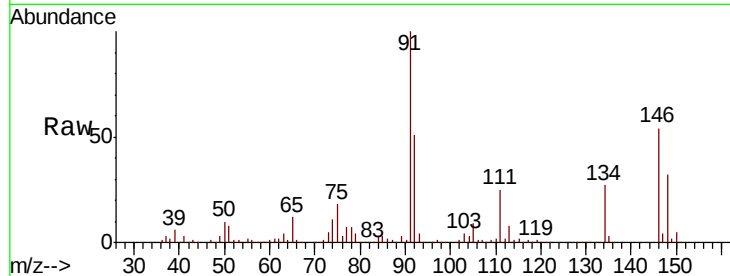




#91
 1,2-Dichlorobenzene
 Concen: 52.132 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

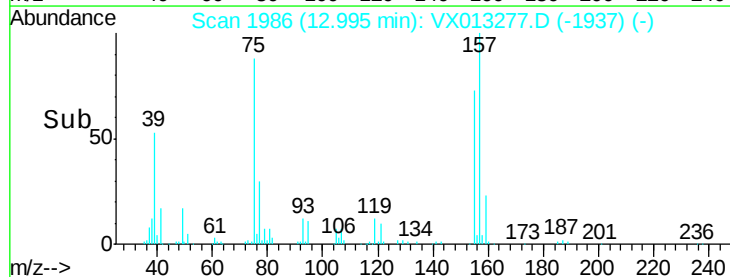
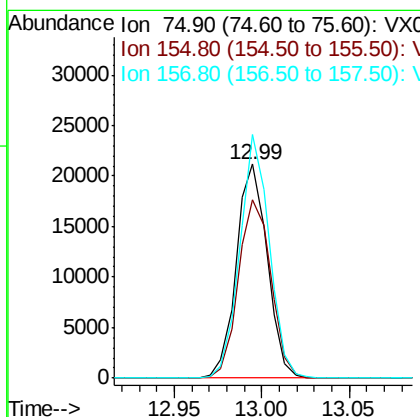
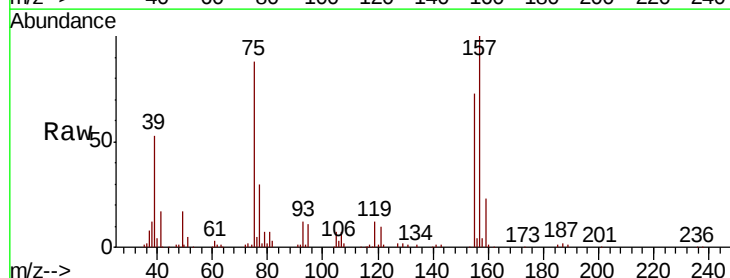
Instrument :
 MSVOA_X
 ClientSampleId :

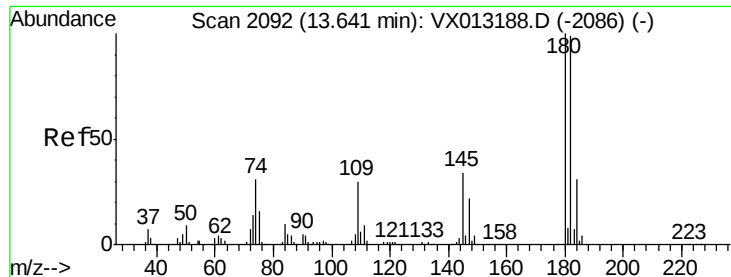
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.8
148	64.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.406 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	42.8	128.4
157	108.0	54.3	162.8

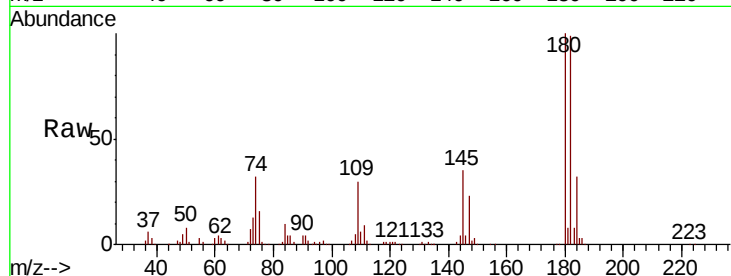




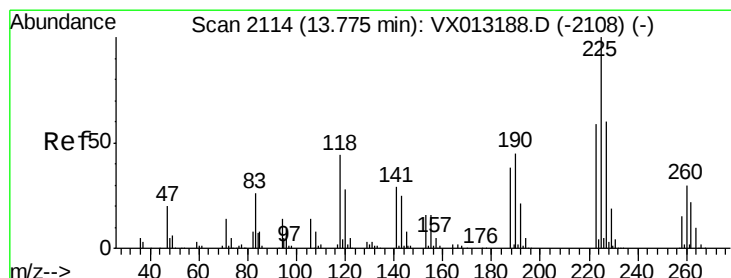
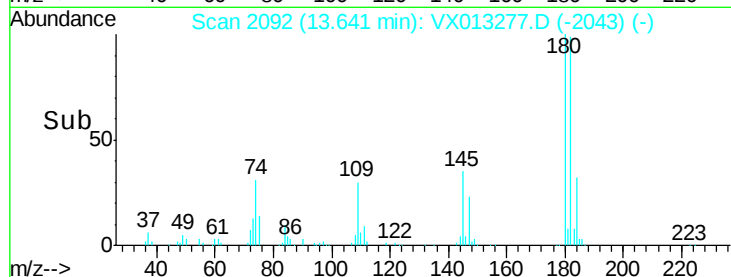
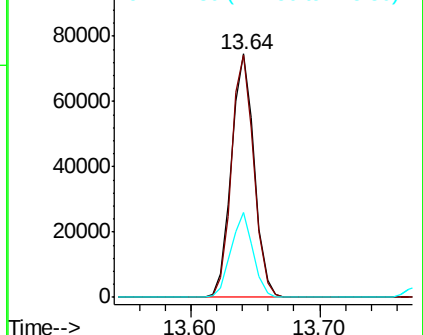
#93
 1,2,4-Trichlorobenzene
 Concen: 53.690 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 92767
 Ion Ratio Lower Upper
 180 100
 182 97.1 45.9 137.6
 145 33.6 15.9 47.6

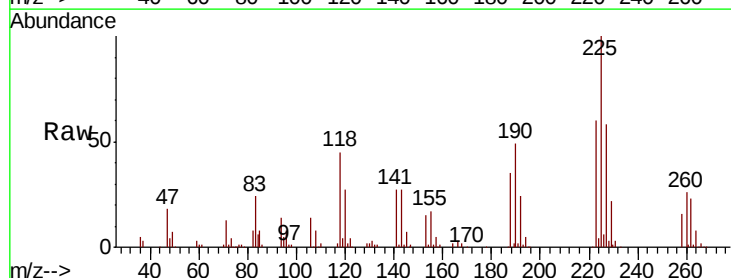


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

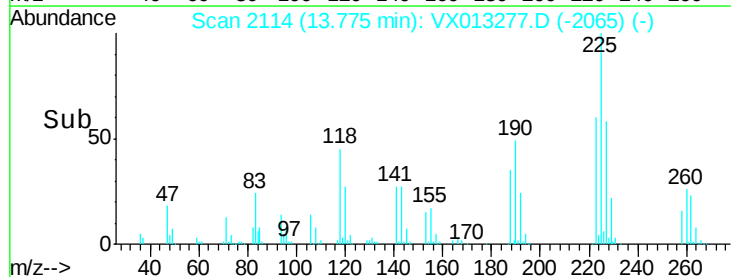
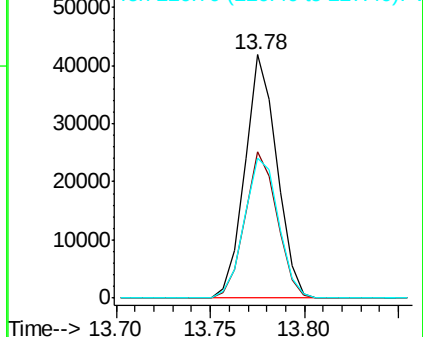


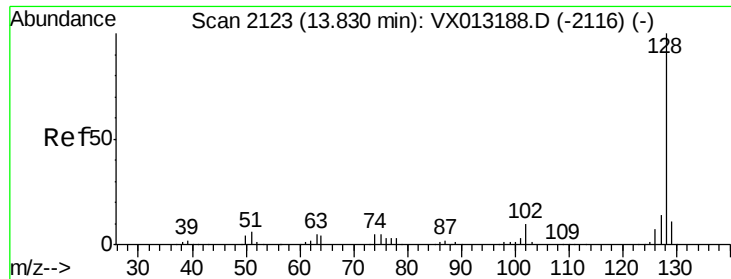
#94
 Hexachlorobutadiene
 Concen: 54.954 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion:225 Resp: 49117
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.9 92.5
 227 61.7 30.3 90.9



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

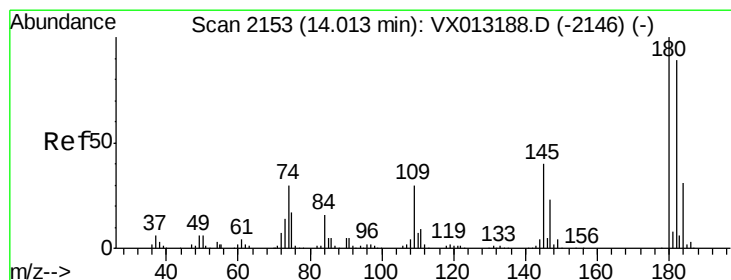
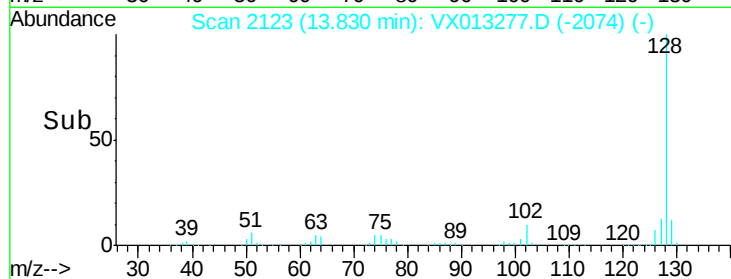
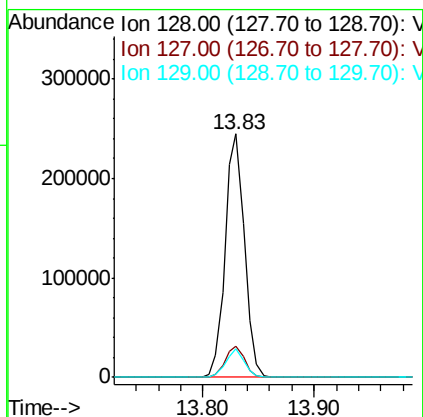
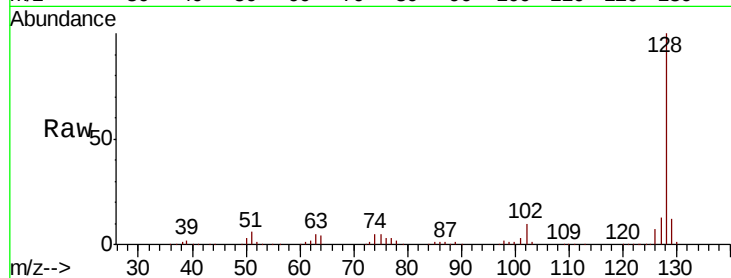




#95
Naphthalene
Concen: 55.248 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 292976
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.368 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion:180 Resp: 94533
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 36.2 18.6 55.6

