

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014667.D
 Acq On : 20 Jan 2020 11:38
 Operator : JC/SP
 Sample : VX0120WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:31:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	623470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	570643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	239285	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.48	113	194248	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.71	98	732094	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	262398	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100289	19.603	ug/l	99
3) Chloromethane	1.32	50	106041	20.029	ug/l	100
4) Vinyl Chloride	1.40	62	117224	19.870	ug/l	99
5) Bromomethane	1.63	94	70766	18.096	ug/l	94
6) Chloroethane	1.72	64	65825	19.695	ug/l	98
7) Trichlorofluoromethane	1.92	101	129632	19.371	ug/l	99
8) Diethyl Ether	2.18	74	60669	19.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80812	19.849	ug/l	98
10) Methyl Iodide	2.50	142	95585	19.606	ug/l	99
11) Tert butyl alcohol	3.02	59	104219	107.653	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75497	18.405	ug/l	99
13) Acrolein	2.28	56	55495	71.518	ug/l	96
14) Allyl chloride	2.72	41	141265	19.615	ug/l	99
15) Acrylonitrile	3.12	53	251085	107.460	ug/l	99
16) Acetone	2.43	43	235816	98.911	ug/l	100
17) Carbon Disulfide	2.56	76	198296	17.325	ug/l	99
18) Methyl Acetate	2.76	43	153323	23.008	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	275219	20.900	ug/l	99
20) Methylene Chloride	2.85	84	95532	20.481	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	82628	18.451	ug/l	96
22) Diisopropyl ether	3.84	45	299843	21.544	ug/l	96
23) Vinyl Acetate	3.80	43	1165802	108.190	ug/l	100
24) 1,1-Dichloroethane	3.69	63	154608	20.420	ug/l	99
25) 2-Butanone	4.65	43	360968	104.224	ug/l	100
26) 2,2-Dichloropropane	4.58	77	121365	18.923	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96963	19.368	ug/l	99
28) Bromochloromethane	5.00	49	67835	21.263	ug/l	94
29) Tetrahydrofuran	5.11	42	224843	109.803	ug/l	97
30) Chloroform	5.20	83	152764	20.648	ug/l	97
31) Cyclohexane	5.58	56	139215	19.644	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	123342	19.476	ug/l	98
36) 1,1-Dichloropropene	5.79	75	112741	19.229	ug/l	98
37) Ethyl Acetate	4.82	43	135981	21.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	108755	20.157	ug/l	98

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Quant Time: Jan 21 00:31:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	141144	19.161	ug/l	96
40) Benzene	6.13	78	351811	20.217	ug/l	100
41) Methacrylonitrile	5.02	41	73508	21.644	ug/l	99
42) 1,2-Dichloroethane	6.18	62	126679	20.820	ug/l	98
43) Isopropyl Acetate	6.43	43	217434	21.135	ug/l	100
44) Trichloroethene	7.20	130	95844	19.165	ug/l	99
45) 1,2-Dichloropropane	7.50	63	96471	21.744	ug/l	97
46) Dibromomethane	7.65	93	60667	19.592	ug/l	98
47) Bromodichloromethane	7.89	83	117525	20.858	ug/l	98
48) Methyl methacrylate	7.76	41	105845	21.481	ug/l	98
49) 1,4-Dioxane	7.73	88	44865	429.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	698641	111.440	ug/l	99
52) Toluene	8.78	92	220219	19.769	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	131132	19.990	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144707	20.421	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93069	20.801	ug/l	99
56) Ethyl methacrylate	9.17	69	139460	20.345	ug/l	95
57) 1,3-Dichloropropane	9.36	76	157558	21.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	249096	106.804	ug/l	98
59) 2-Hexanone	9.48	43	527948	106.431	ug/l	98
60) Dibromochloromethane	9.57	129	92835	20.643	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95330	20.113	ug/l	100
64) Tetrachloroethene	9.33	164	100183	17.517	ug/l	98
65) Chlorobenzene	10.13	112	236980	19.136	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	87161	19.722	ug/l	99
67) Ethyl Benzene	10.25	91	415870	19.702	ug/l	97
68) m/p-Xylenes	10.36	106	312690	38.399	ug/l	98
69) o-Xylene	10.70	106	150757	19.403	ug/l	98
70) Styrene	10.71	104	257658	19.216	ug/l	99
71) Bromoform	10.85	173	71578	19.795	ug/l #	99
73) Isopropylbenzene	11.01	105	404348	20.491	ug/l	100
74) N-amyl acetate	10.89	43	184275	21.167	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	139089	21.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	159387	27.414	ug/l	81
77) Bromobenzene	11.25	156	106302	19.426	ug/l	98
78) n-propylbenzene	11.35	91	456616	20.205	ug/l	99
79) 2-Chlorotoluene	11.42	91	274367	20.371	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	341103	20.821	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43676	19.861	ug/l	93
82) 4-Chlorotoluene	11.51	91	319466	20.207	ug/l	97
83) tert-Butylbenzene	11.76	119	317650	20.521	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340712	20.582	ug/l	99
85) sec-Butylbenzene	11.94	105	396342	20.596	ug/l	99
86) p-Isopropyltoluene	12.06	119	356843	19.984	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184929	18.830	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	187072	19.923	ug/l	98
89) n-Butylbenzene	12.39	91	305523	18.713	ug/l	99
90) Hexachloroethane	12.59	117	62432	19.904	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189006	19.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29484	20.713	ug/l	97

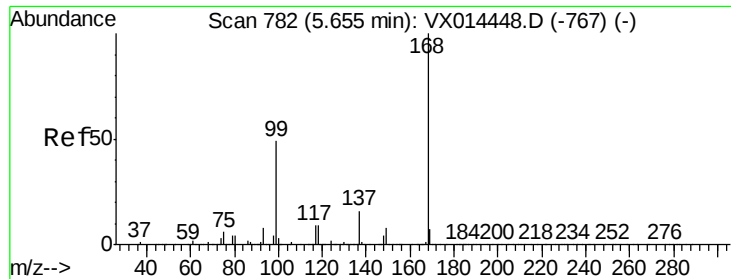
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
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Quant Time: Jan 21 00:31:08 2020
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127643	18.831	ug/l	100
94) Hexachlorobutadiene	13.78	225	62320	19.741	ug/l	97
95) Naphthalene	13.83	128	380126	18.135	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128544	19.229	ug/l	99

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

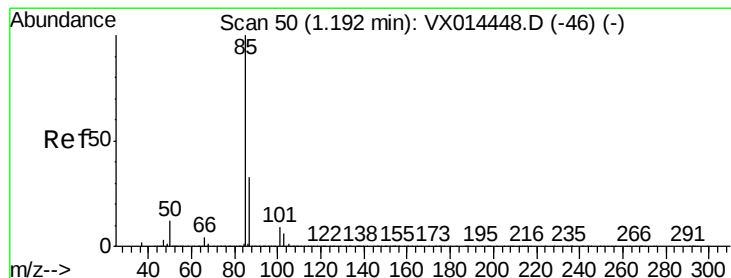
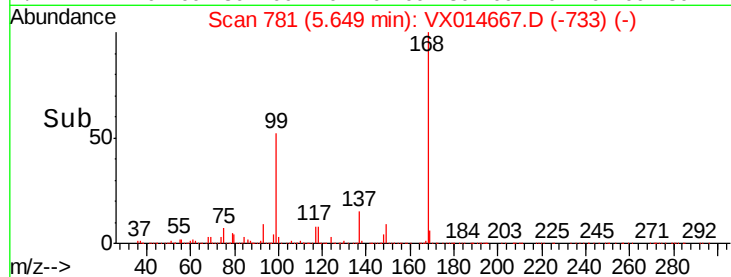
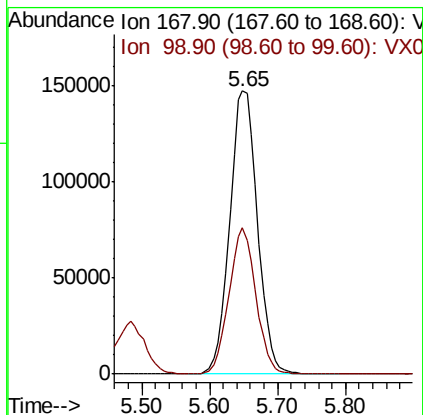
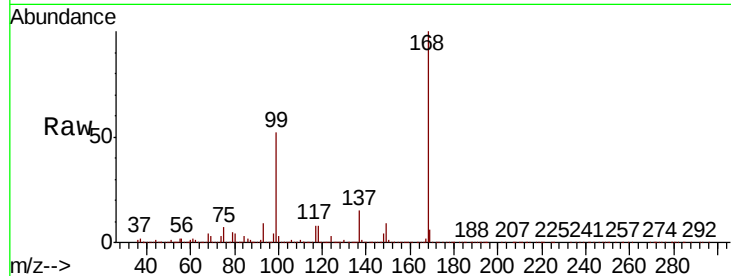


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :

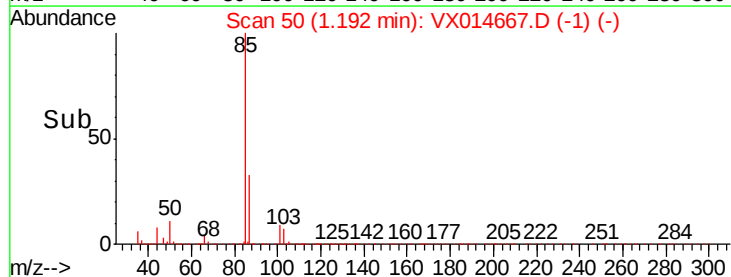
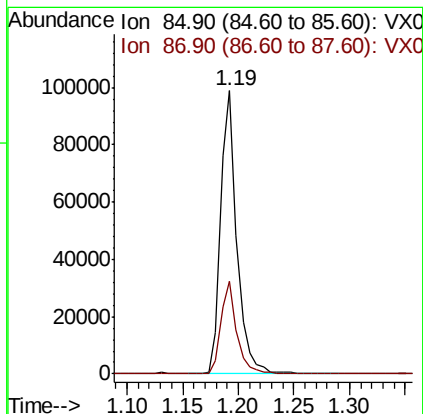
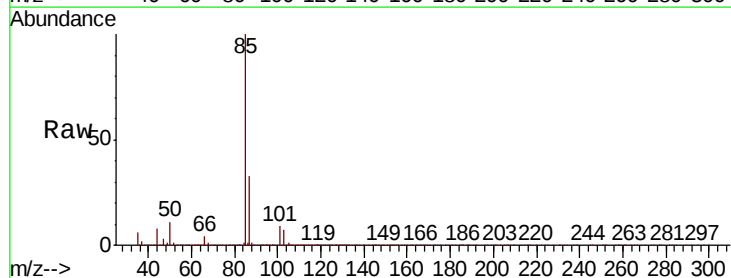
Tot Ion:168 Resp: 415335
 Ion Ratio Lower Upper
 168 100
 99 51.5 39.2 58.8

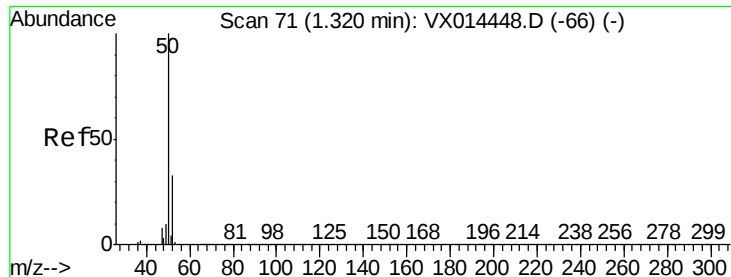


#2

Dichlorodifluoromethane
 Concen: 19.603 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion: 85 Resp: 100289
 Ion Ratio Lower Upper
 85 100
 87 32.6 16.5 49.5





#3

Chloromethane

Concen: 20.029 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

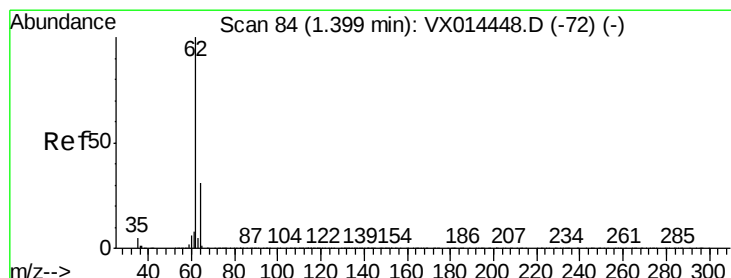
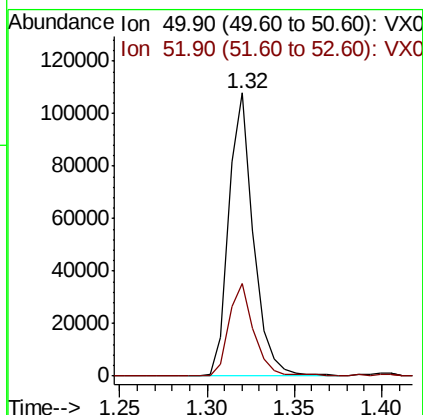
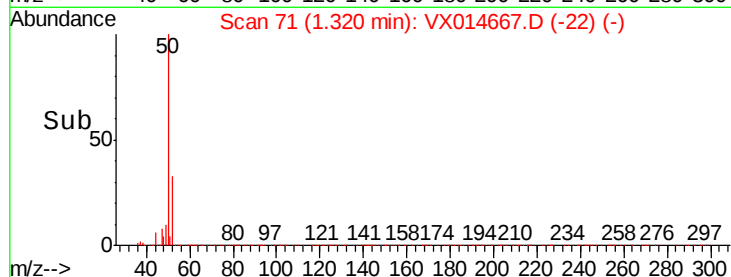
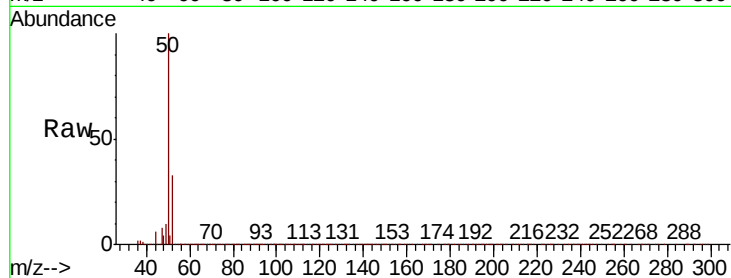
ClientSampleId :

Tot Ion: 50 Resp: 106041

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 19.870 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014667.D

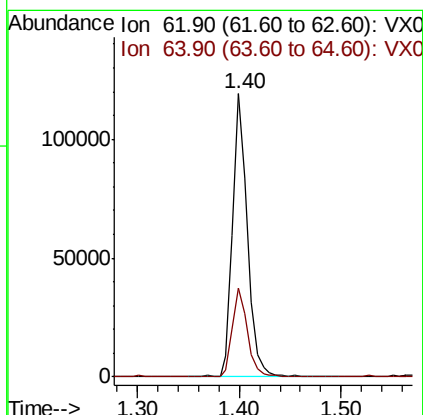
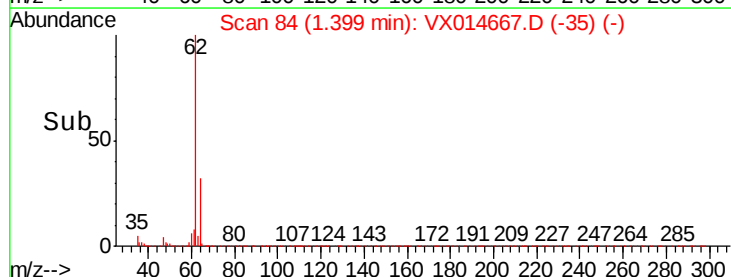
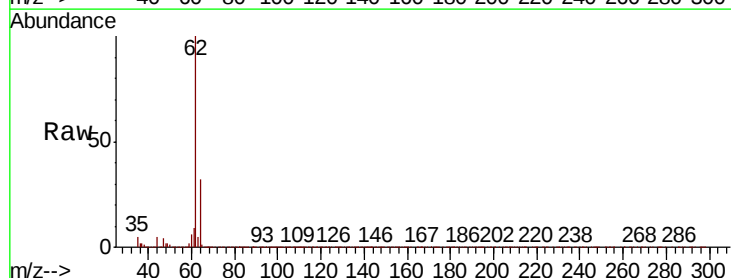
Acq: 20 Jan 2020 11:38

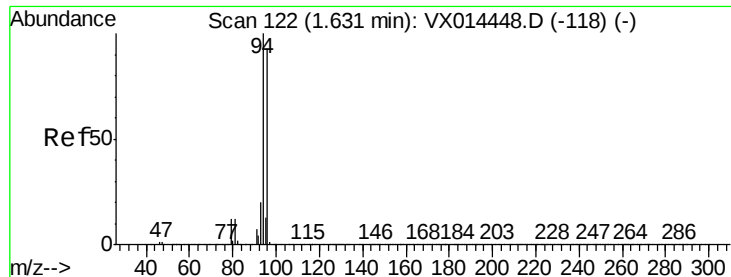
Tgt Ion: 62 Resp: 117224

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0





#5

Bromomethane

Concen: 18.096 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

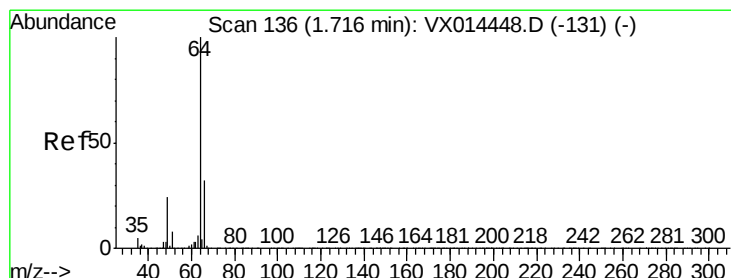
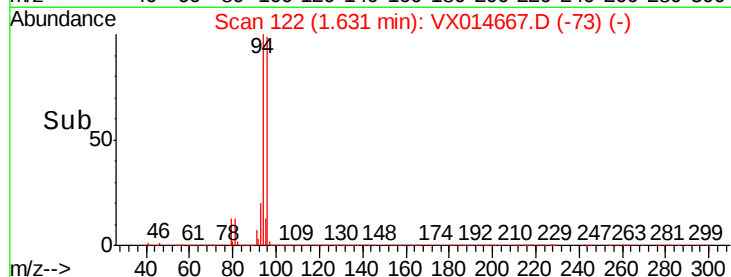
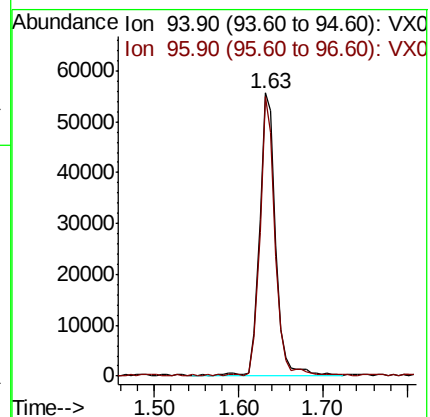
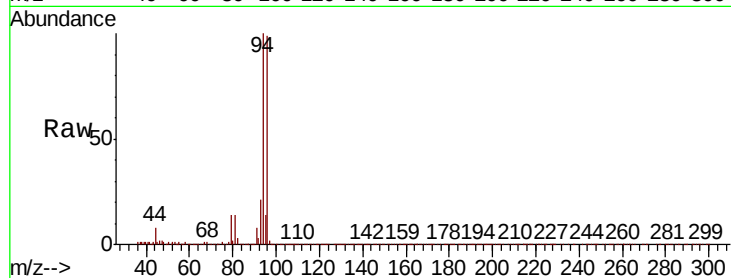
ClientSampleId :

Tot Ion: 94 Resp: 70766

Ion Ratio Lower Upper

94 100

96 98.7 74.2 111.2



#6

Chloroethane

Concen: 19.695 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014667.D

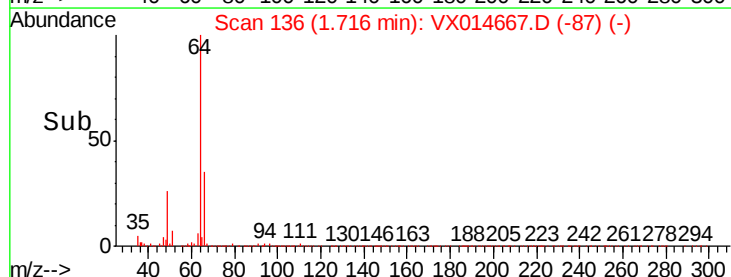
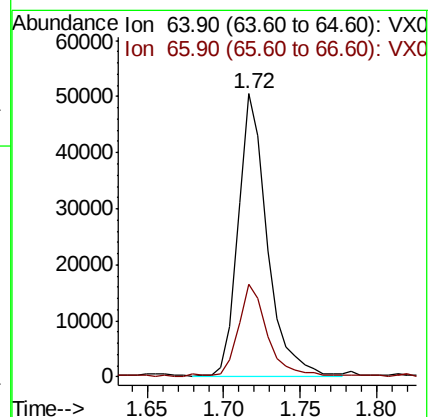
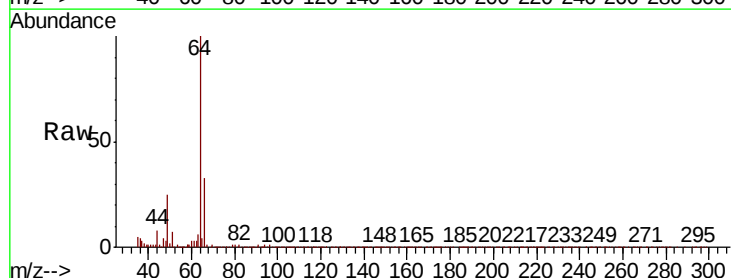
Acq: 20 Jan 2020 11:38

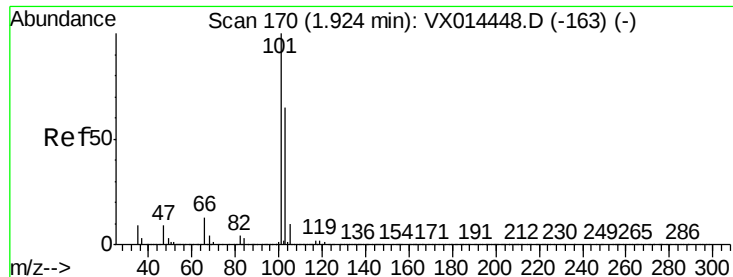
Tgt Ion: 64 Resp: 65825

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



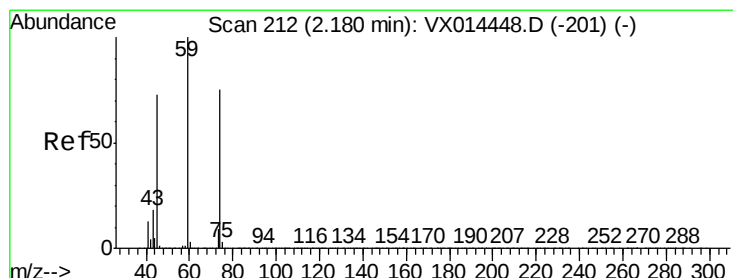
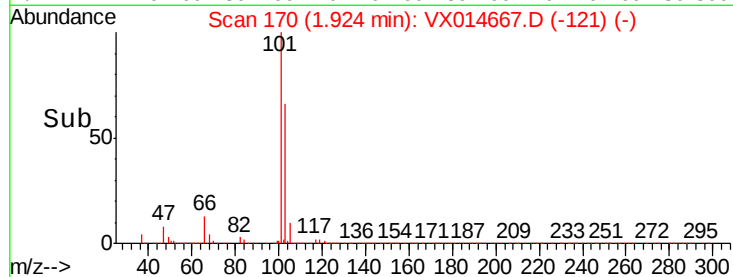
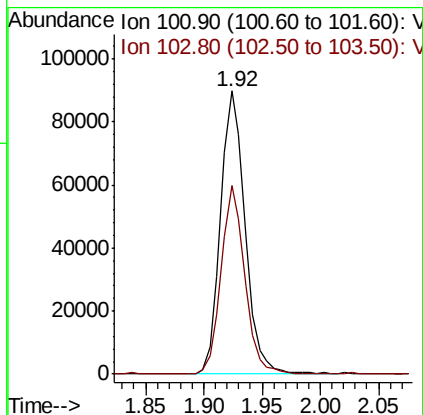
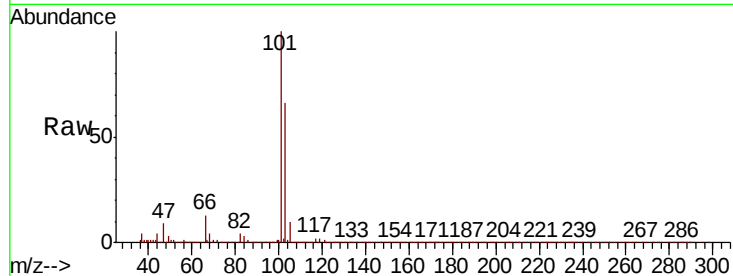


#7

Trichlorofluoromethane
Concen: 19.371 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

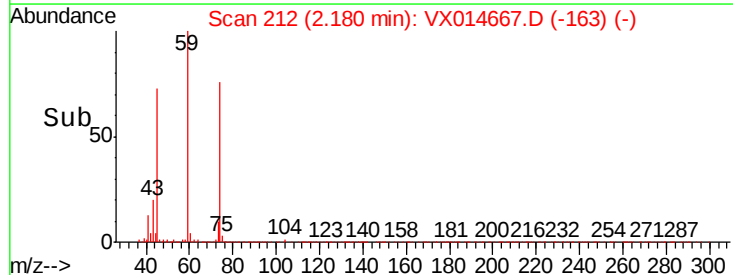
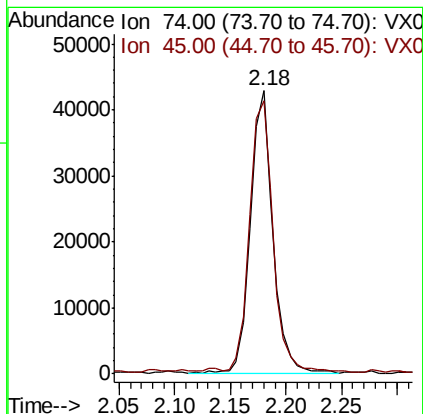
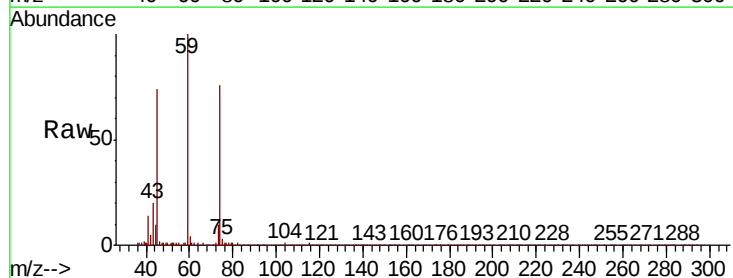
Tot Ion:101 Resp: 129632
Ion Ratio Lower Upper
101 100
103 66.5 52.2 78.4

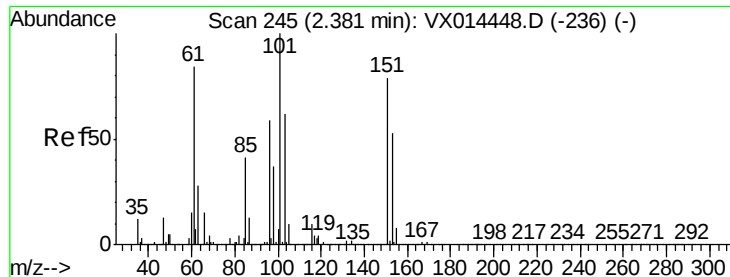


#8

Diethyl Ether
Concen: 19.871 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 74 Resp: 60669
Ion Ratio Lower Upper
74 100
45 99.2 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.849 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

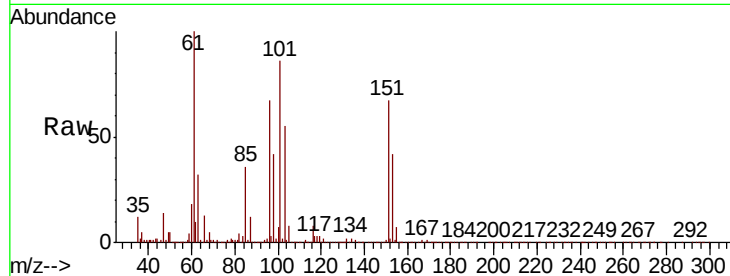
Tot Ion:101 Resp: 80812

Ion Ratio Lower Upper

101 100

85 41.3 33.8 50.8

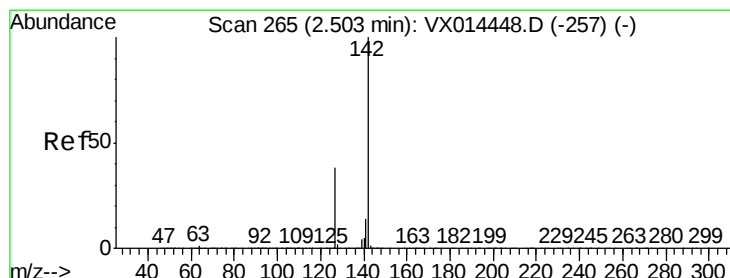
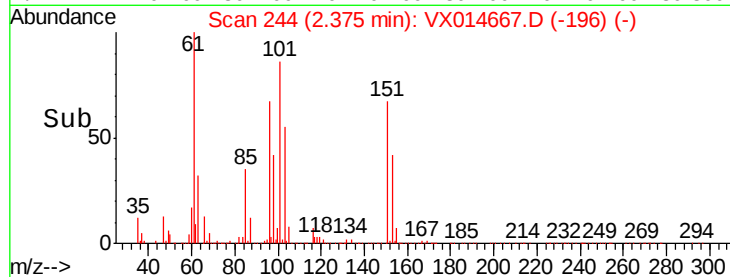
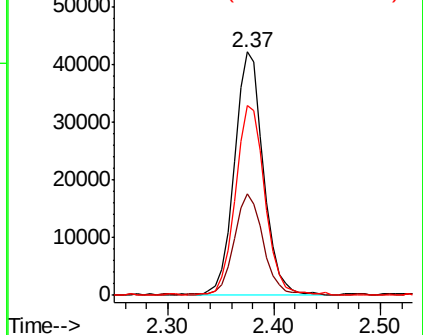
151 79.0 65.3 97.9



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: 19.606 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

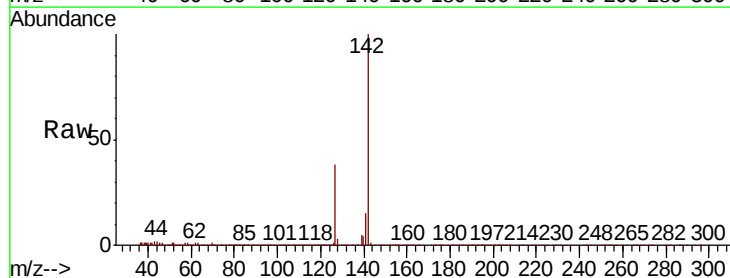
Tgt Ion:142 Resp: 95585

Ion Ratio Lower Upper

142 100

127 39.8 31.2 46.8

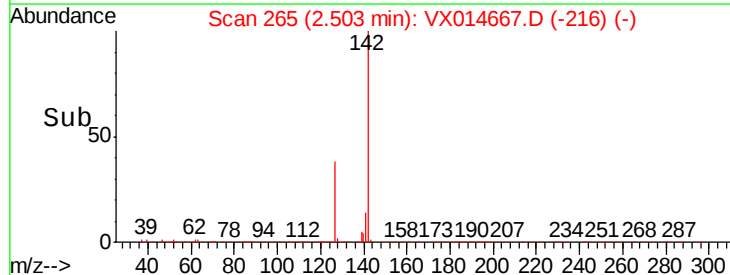
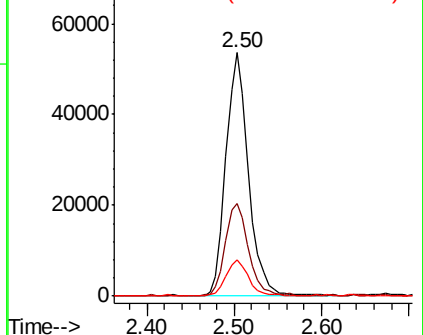
141 14.8 11.4 17.2

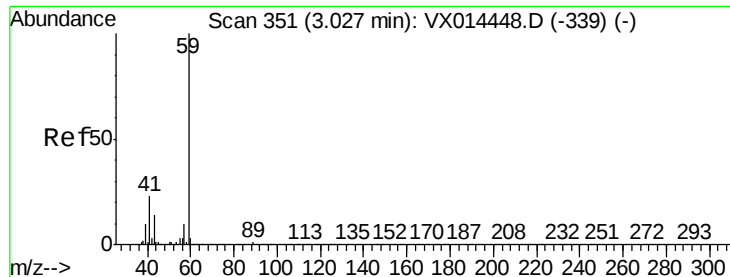


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



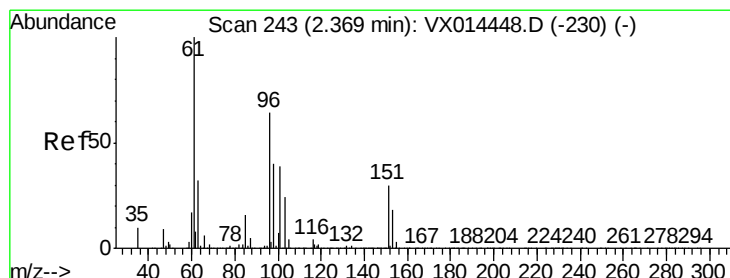
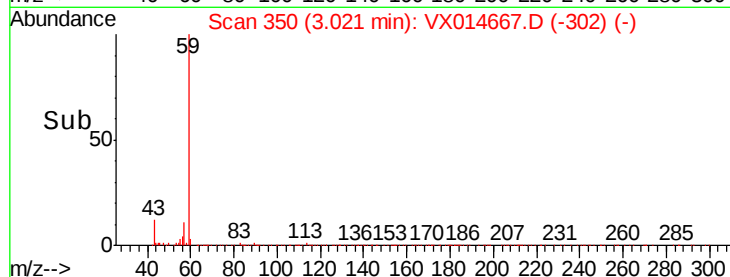
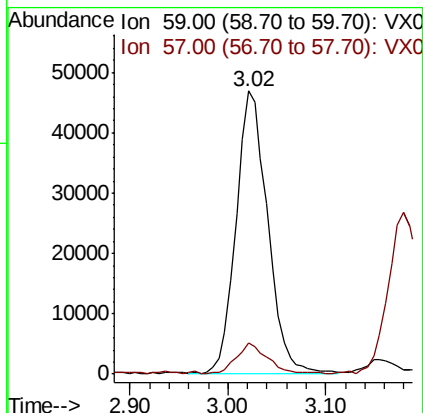
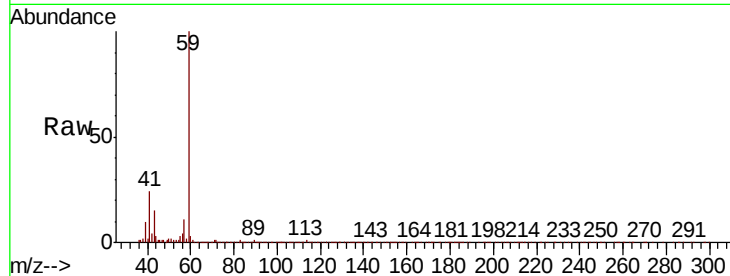


#11

Tert butyl alcohol
Concen: 107.653 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

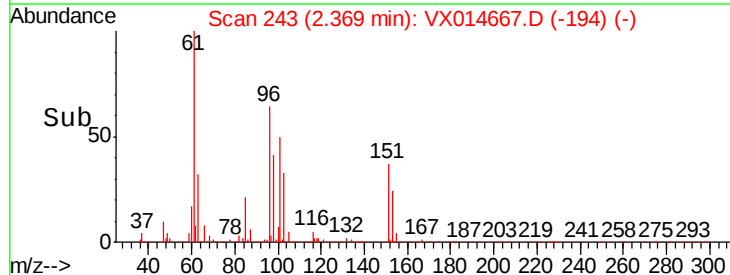
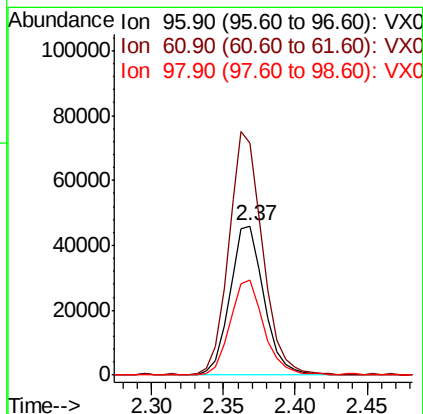
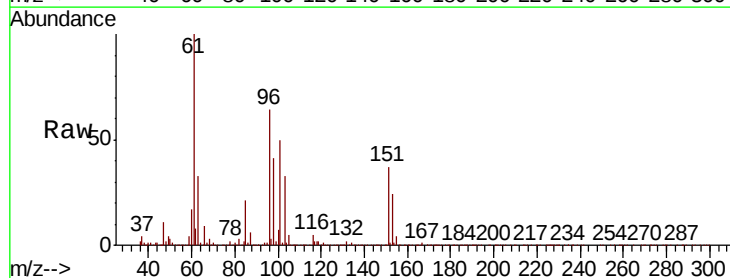
Tot Ion: 59 Resp: 104219
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

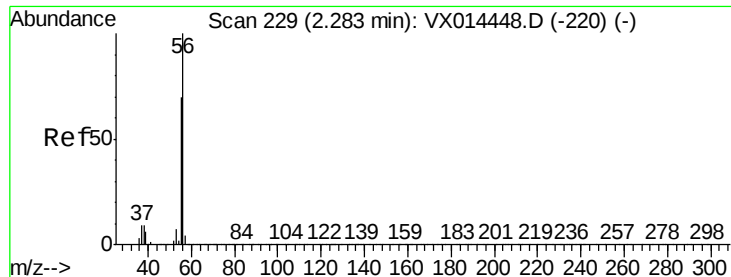


#12

1,1-Dichloroethene
Concen: 18.405 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 96 Resp: 75497
Ion Ratio Lower Upper
96 100
61 155.1 125.0 187.6
98 63.4 50.2 75.2

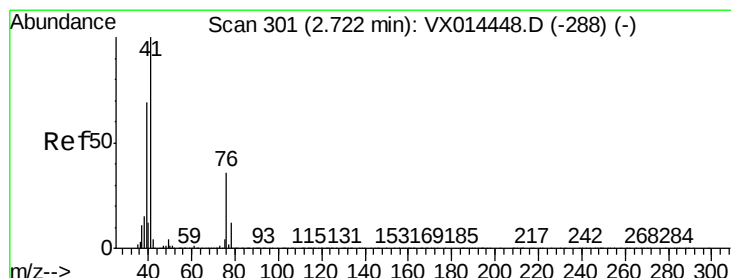
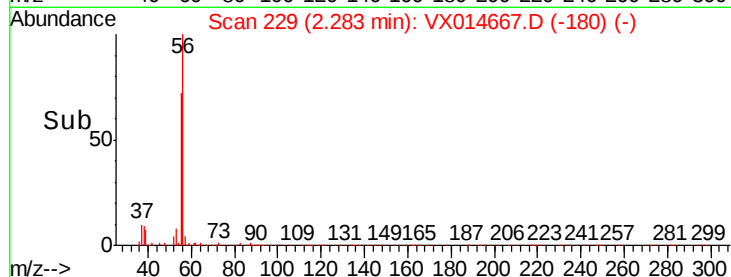
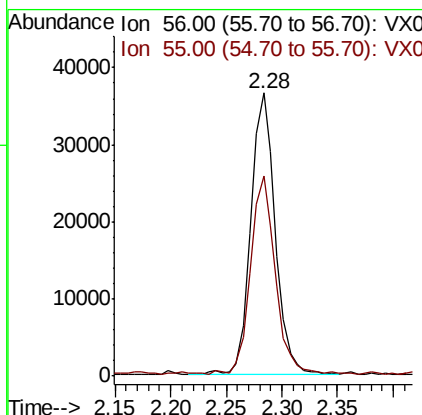
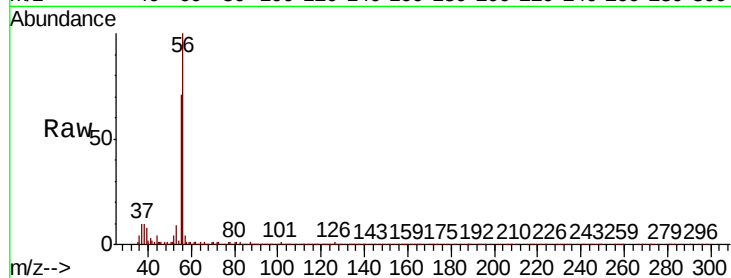




#13
Acrolein
Concen: 71.518 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

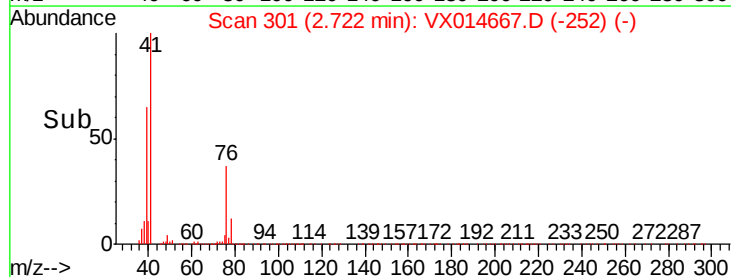
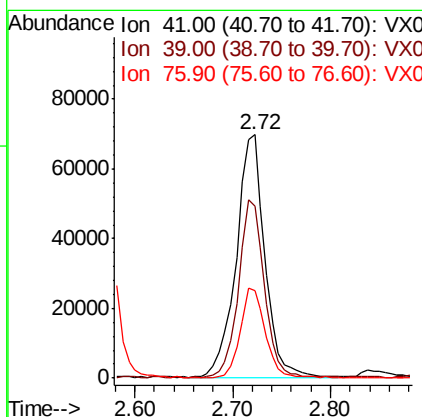
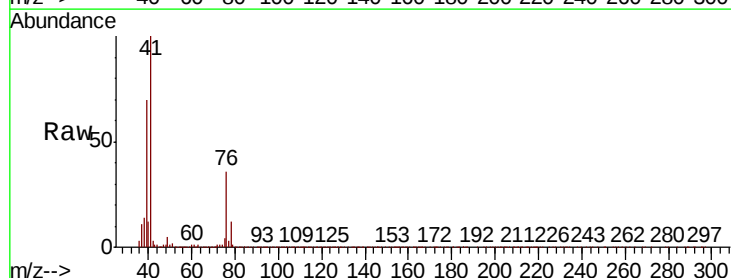
Instrument :
MSVOA_X
ClientSampleId :

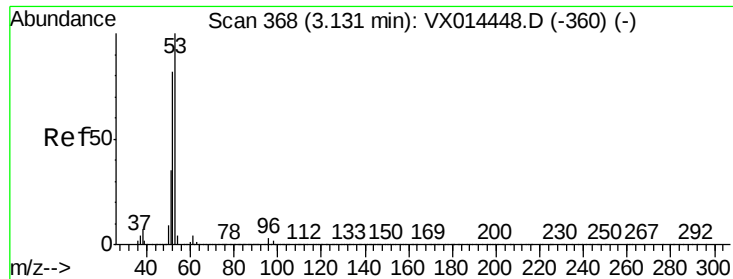
Tot Ion: 56 Resp: 55495
Ion Ratio Lower Upper
56 100
55 72.2 55.0 82.6



#14
Allyl chloride
Concen: 19.615 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 41 Resp: 141265
Ion Ratio Lower Upper
41 100
39 65.4 51.7 77.5
76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 107.460 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

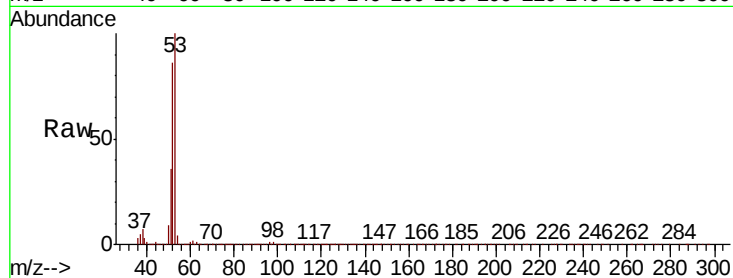
Tot Ion: 53 Resp: 251085

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

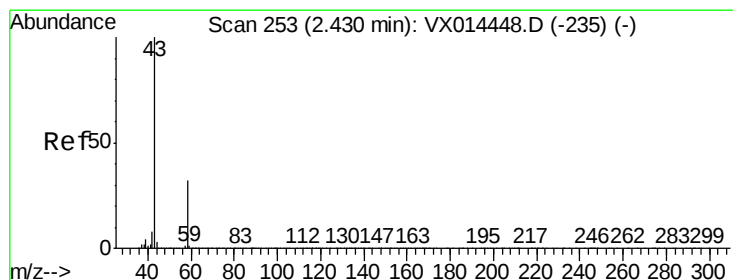
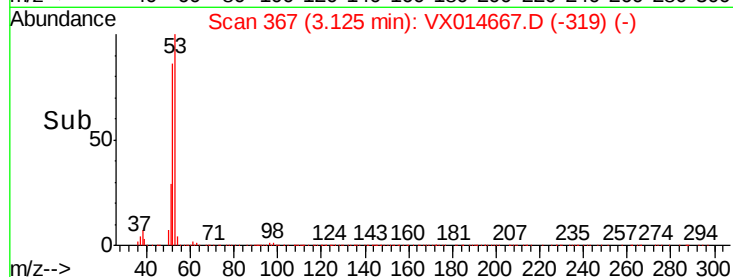
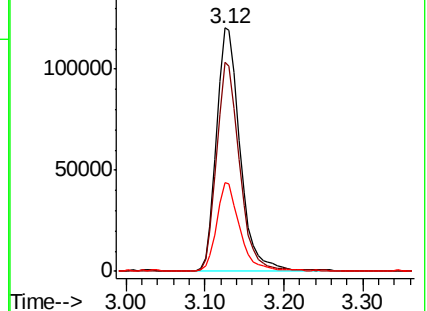
51 35.8 28.5 42.7



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: 98.911 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014667.D

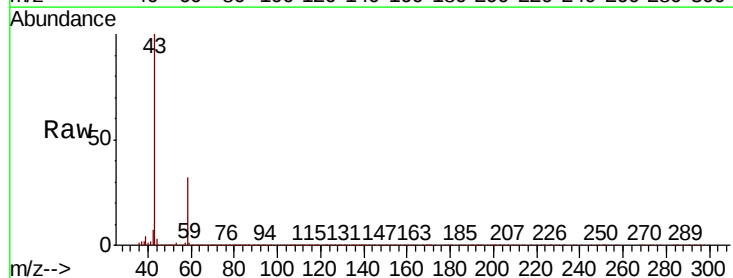
Acq: 20 Jan 2020 11:38

Tgt Ion: 43 Resp: 235816

Ion Ratio Lower Upper

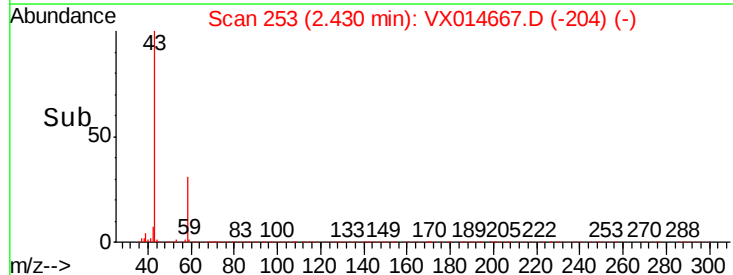
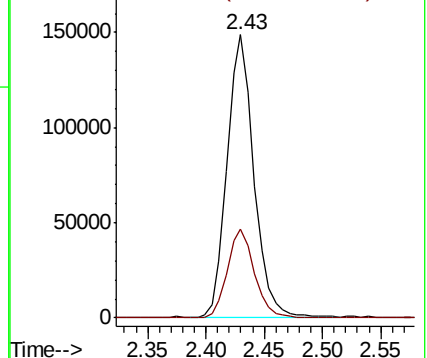
43 100

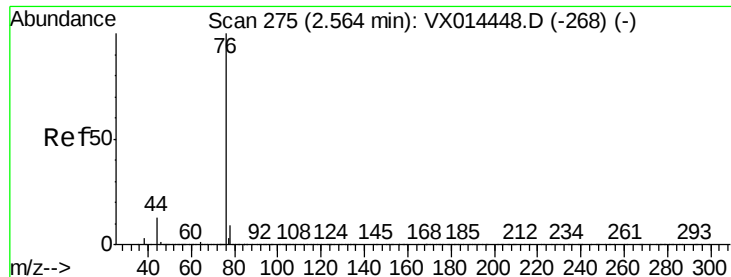
58 31.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.325 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

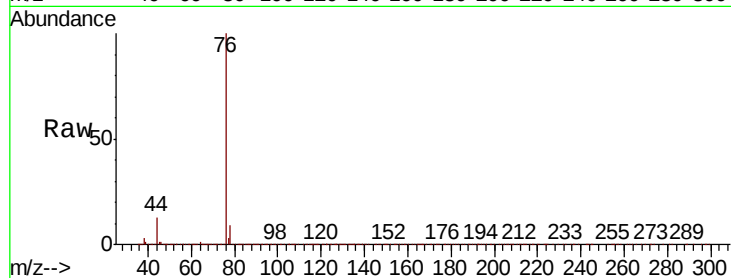
ClientSampled :

Tot Ion: 76 Resp: 198296

Ion Ratio Lower Upper

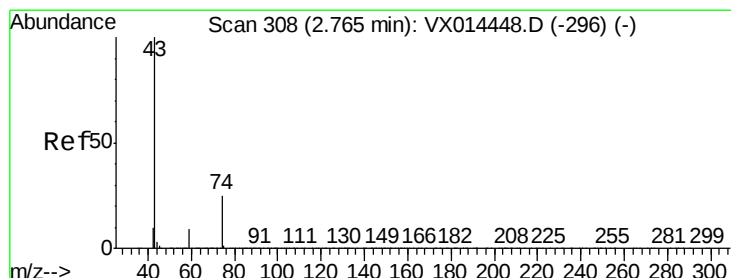
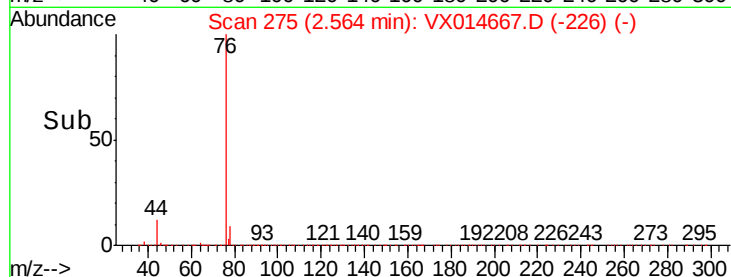
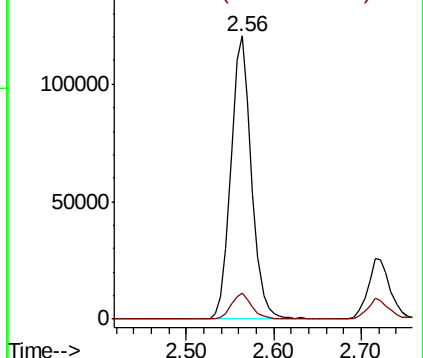
76 100

78 8.8 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: 23.008 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014667.D

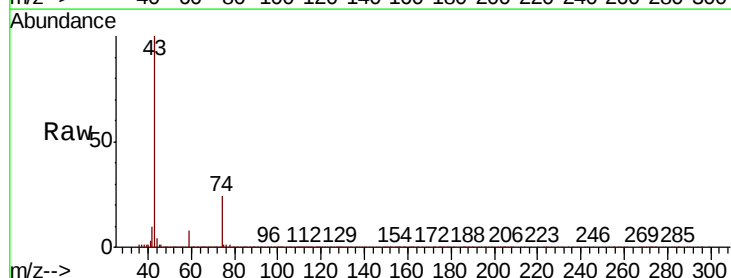
Acq: 20 Jan 2020 11:38

Tgt Ion: 43 Resp: 153323

Ion Ratio Lower Upper

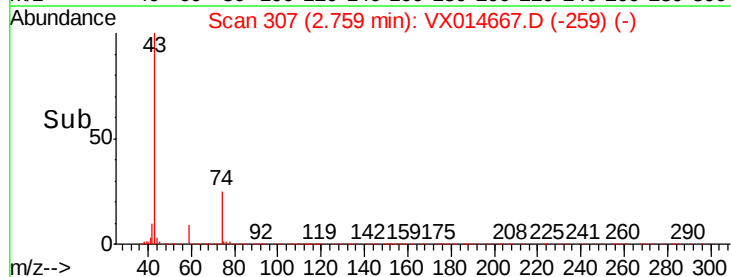
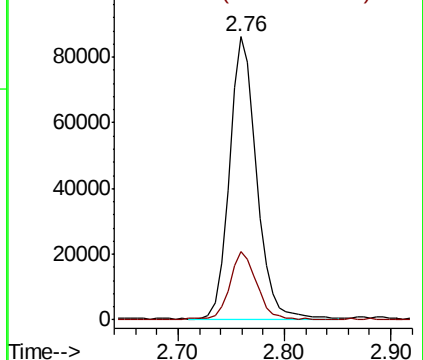
43 100

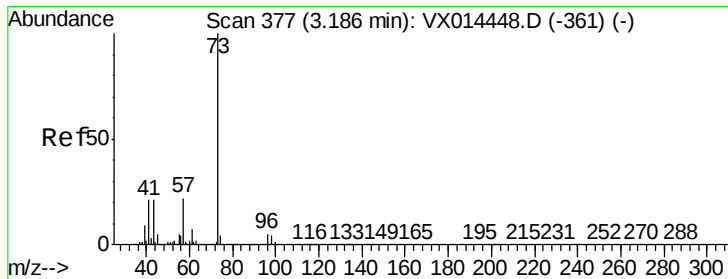
74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

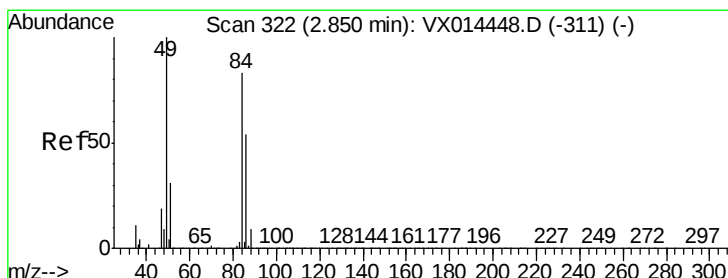
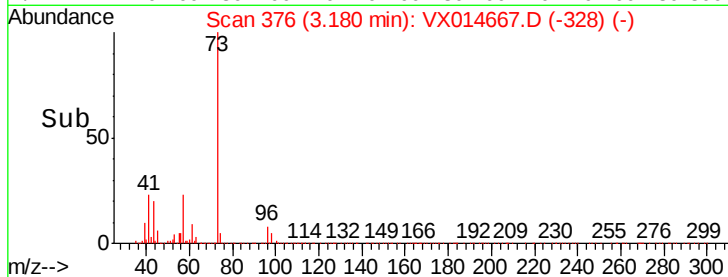
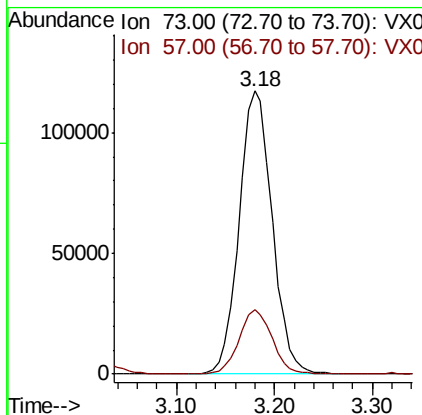
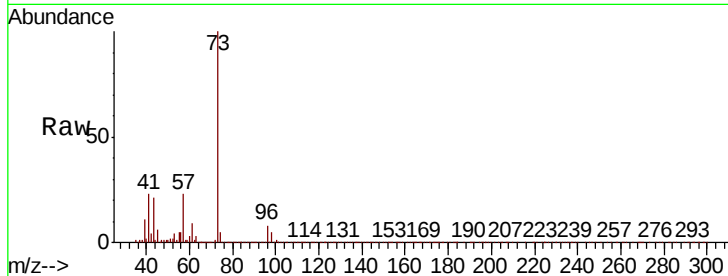




#19
Methyl tert-butyl Ether
Concen: 20.900 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

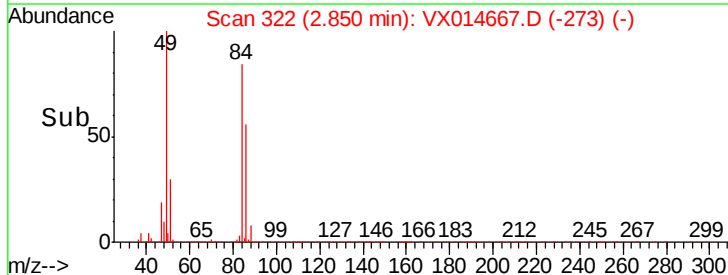
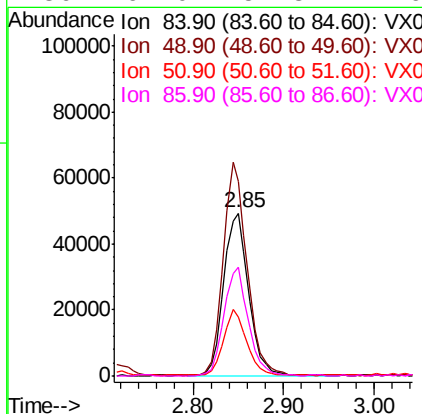
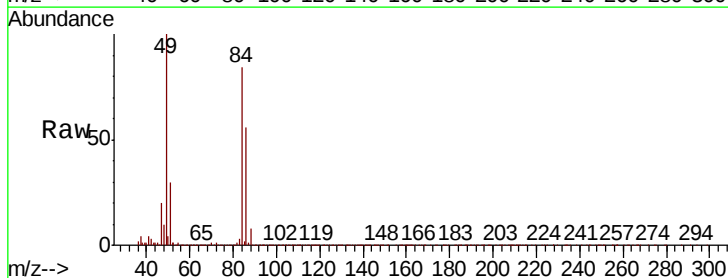
Instrument :
MSVOA_X
ClientSampled :

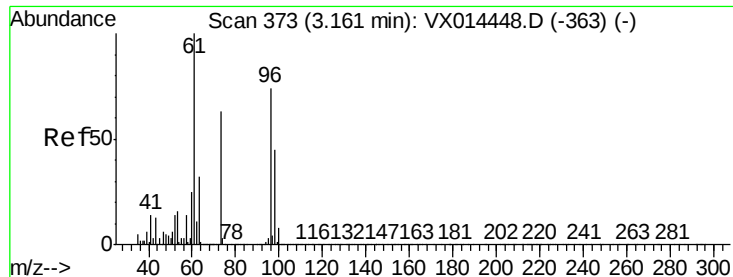
Tot Ion: 73 Resp: 275219
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 20.481 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 84 Resp: 95532
Ion Ratio Lower Upper
84 100
49 119.3 95.8 143.8
51 35.7 30.2 45.4
86 67.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.451 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

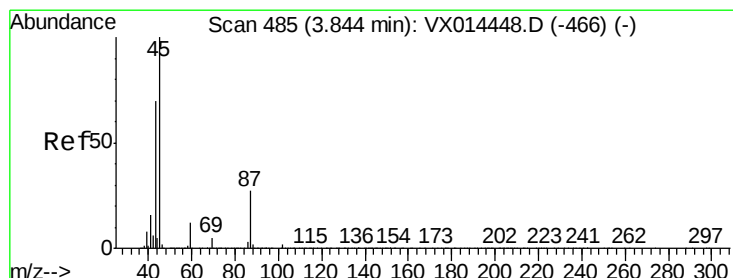
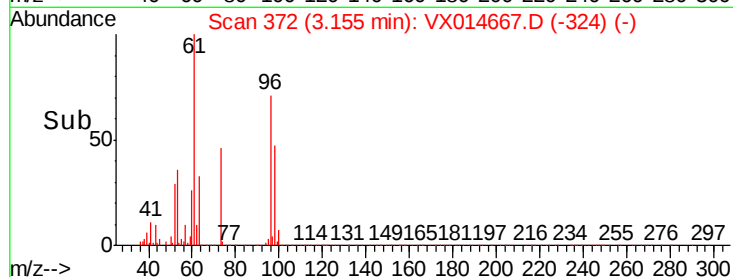
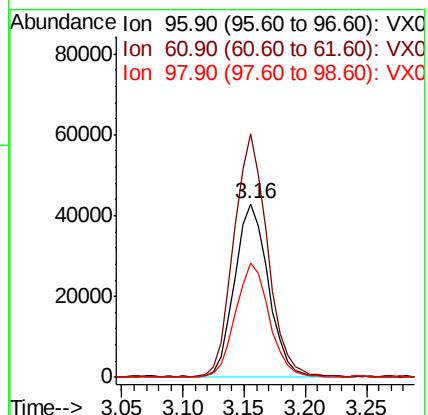
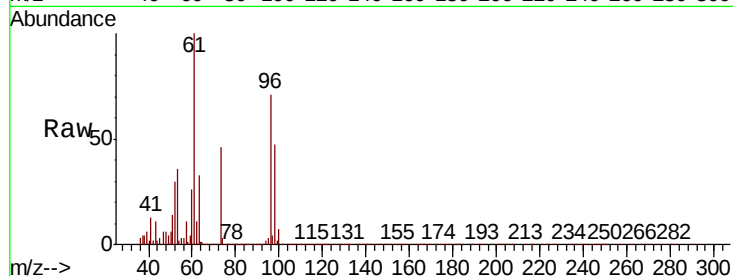
Tot Ion: 96 Resp: 82628

Ion Ratio Lower Upper

96 100

61 139.6 108.2 162.4

98 66.0 48.8 73.2



#22

Diisopropyl ether

Concen: 21.544 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion: 45 Resp: 299843

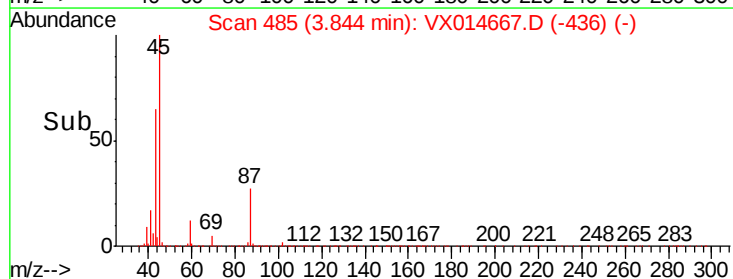
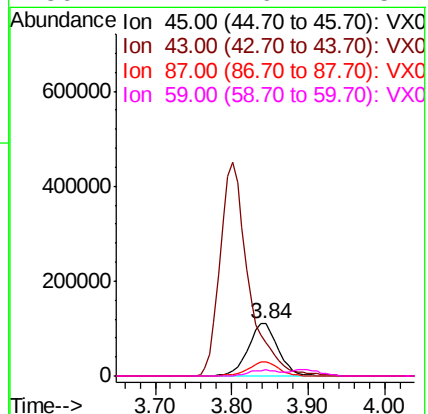
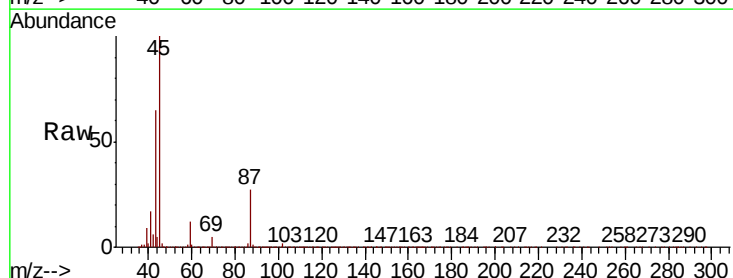
Ion Ratio Lower Upper

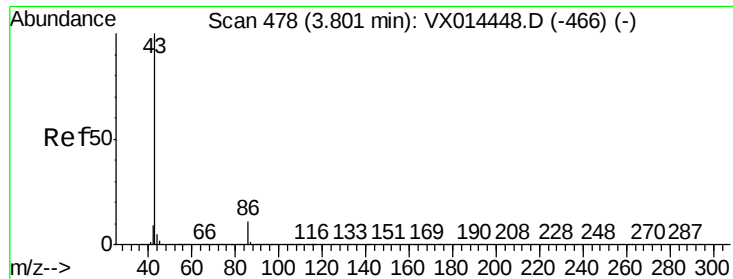
45 100

43 64.6 55.8 83.6

87 26.4 21.8 32.8

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 108.190 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

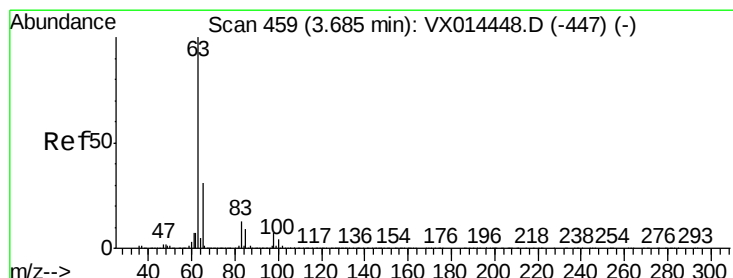
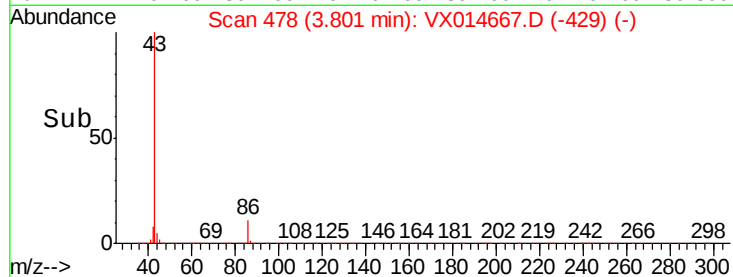
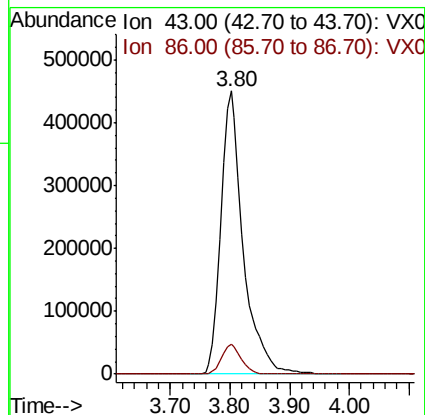
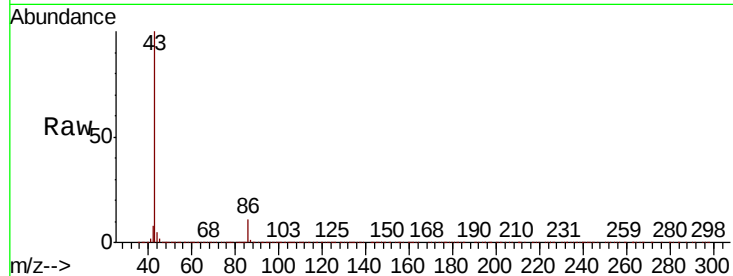
ClientSampled :

Tot Ion: 43 Resp: 1165802

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 20.420 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

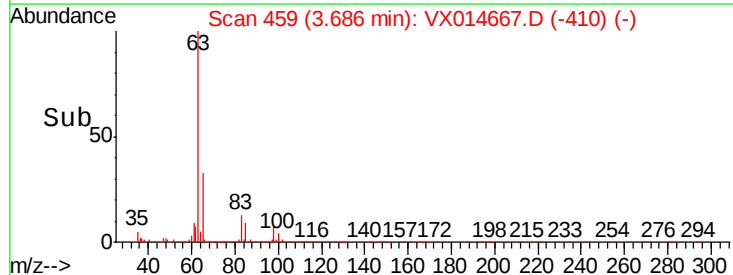
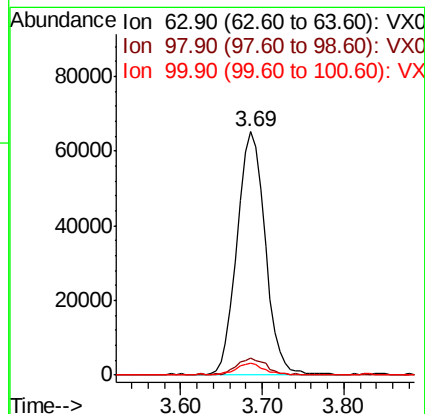
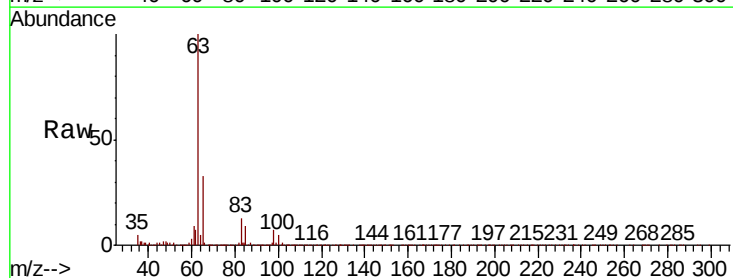
Tgt Ion: 63 Resp: 154608

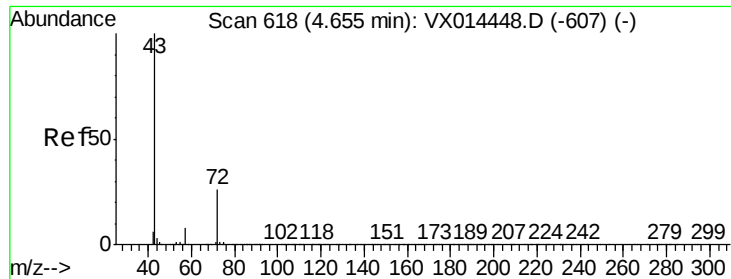
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 104.224 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

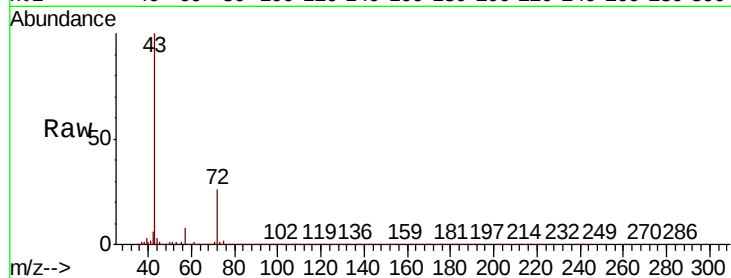
ClientSampleId :

Tot Ion: 43 Resp: 360968

Ion Ratio Lower Upper

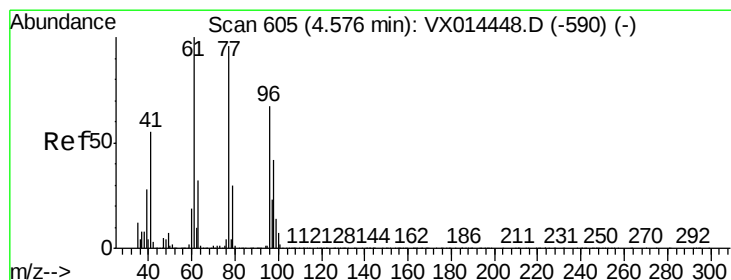
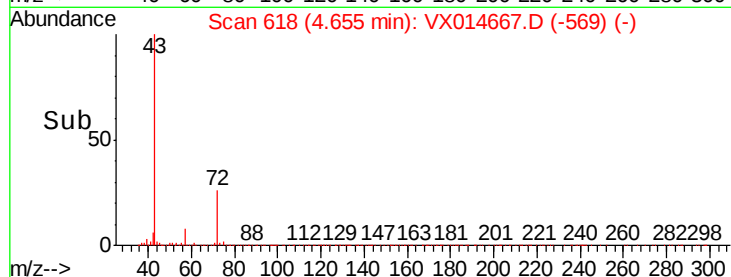
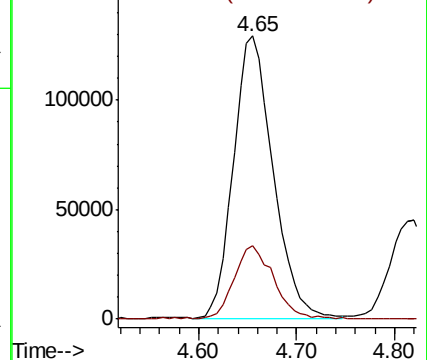
43 100

72 25.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.923 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014667.D

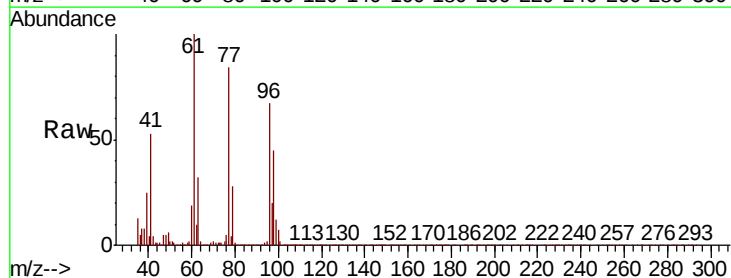
Acq: 20 Jan 2020 11:38

Tgt Ion: 77 Resp: 121365

Ion Ratio Lower Upper

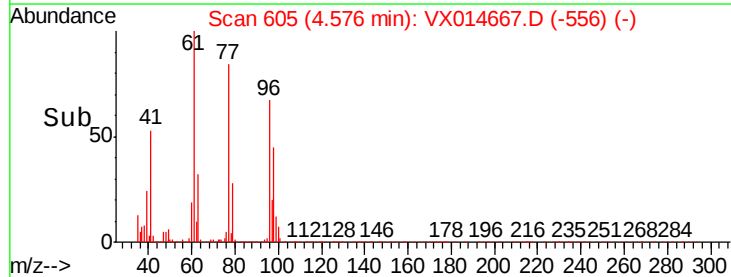
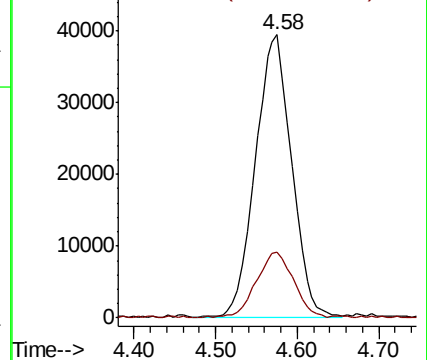
77 100

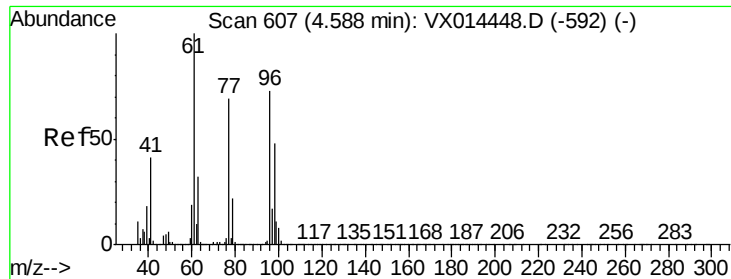
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



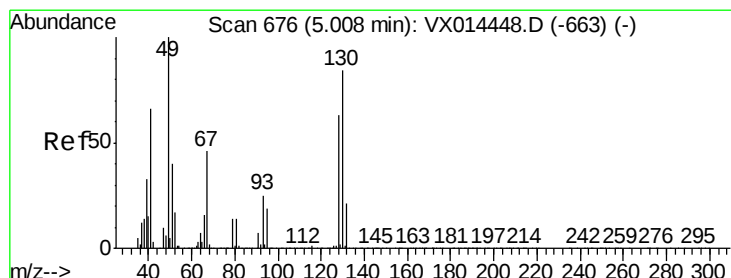
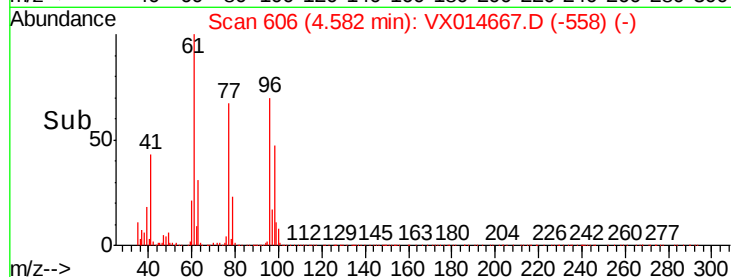
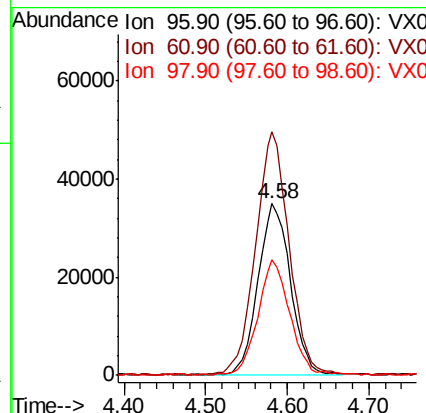
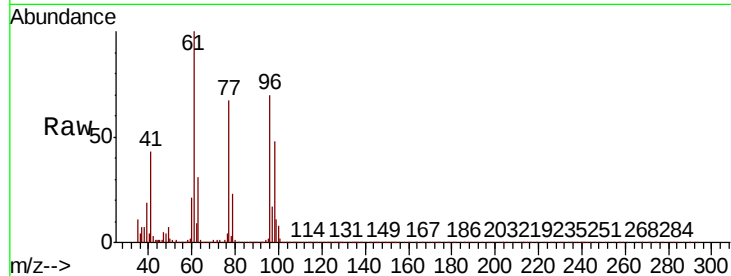


#27

cis-1,2-Dichloroethene
Concen: 19.368 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

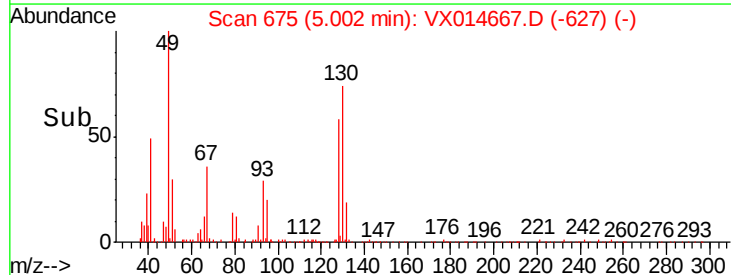
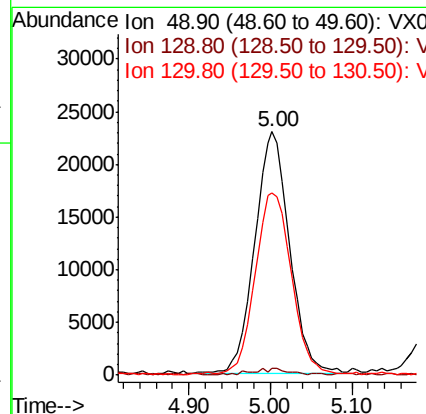
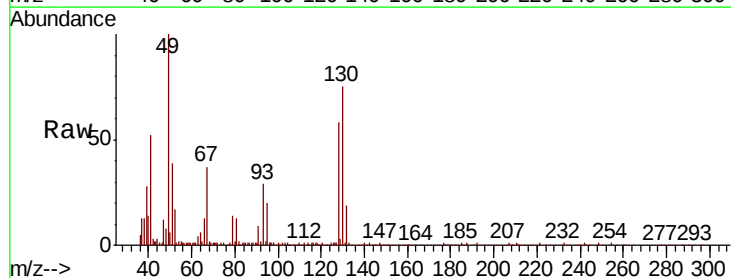
Tot Ion: 96 Resp: 96963
Ion Ratio Lower Upper
96 100
61 145.0 0.0 285.4
98 65.4 0.0 130.6

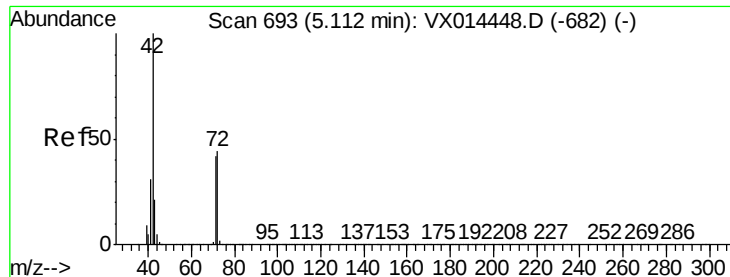


#28

Bromochloromethane
Concen: 21.263 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 49 Resp: 67835
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.4
130 77.9 67.0 100.4





#29

Tetrahydrofuran

Concen: 109.803 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

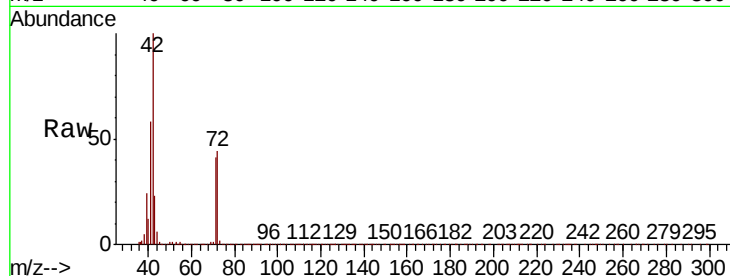
Tot Ion: 42 Resp: 224843

Ion Ratio Lower Upper

42 100

72 43.5 36.2 54.4

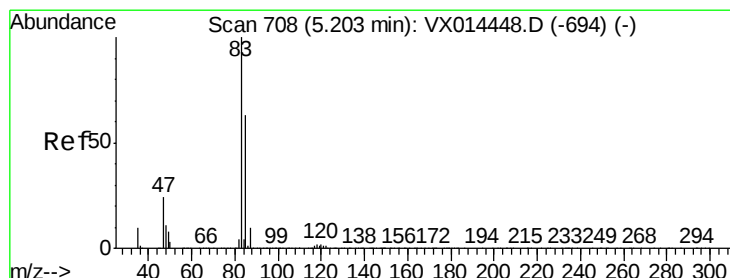
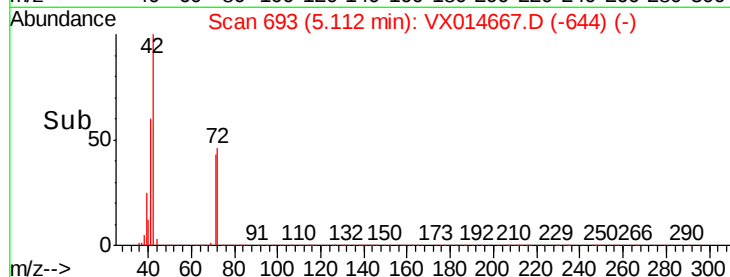
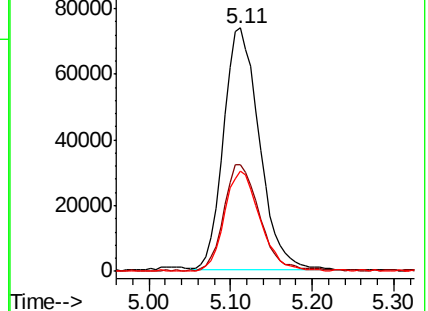
71 40.4 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.648 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014667.D

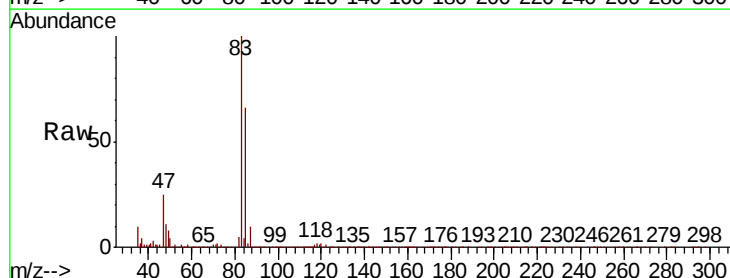
Acq: 20 Jan 2020 11:38

Tgt Ion: 83 Resp: 152764

Ion Ratio Lower Upper

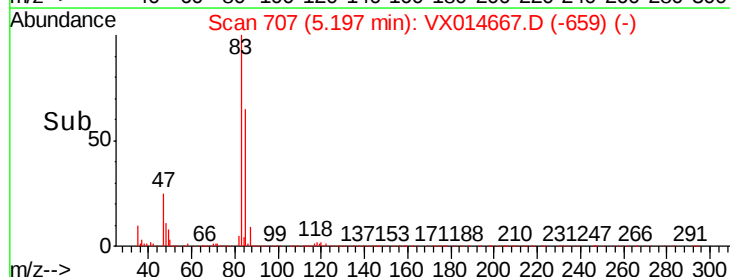
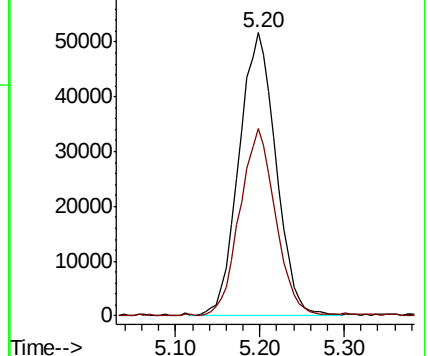
83 100

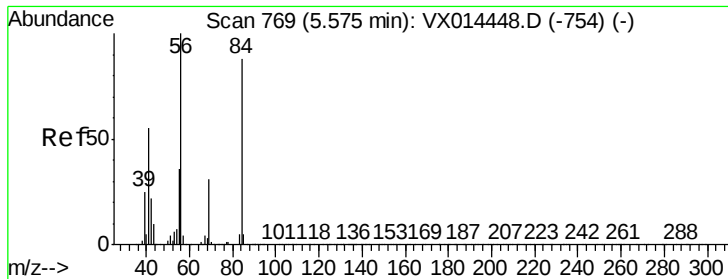
85 65.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.644 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

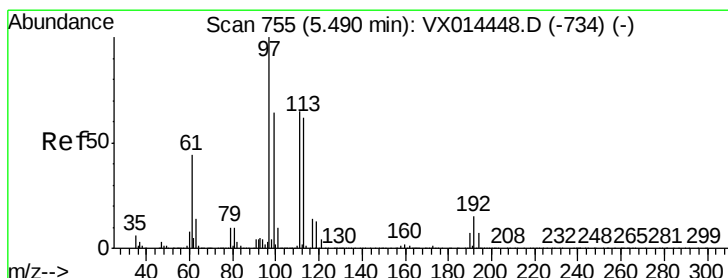
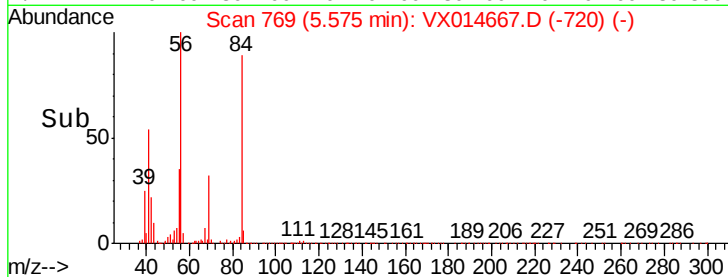
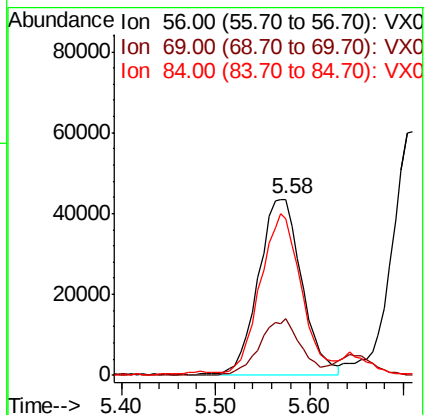
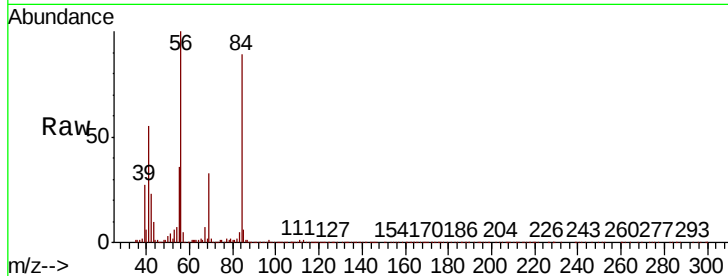
Tot Ion: 56 Resp: 139215

Ion Ratio Lower Upper

56 100

69 32.2 24.4 36.6

84 88.2 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 19.476 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

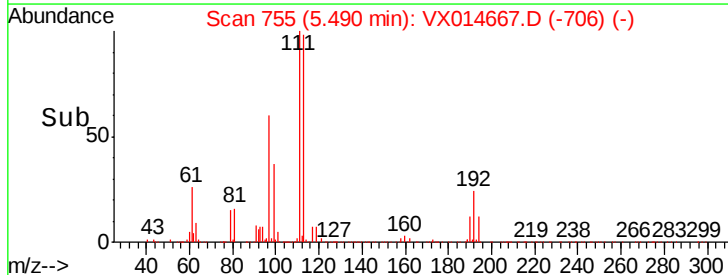
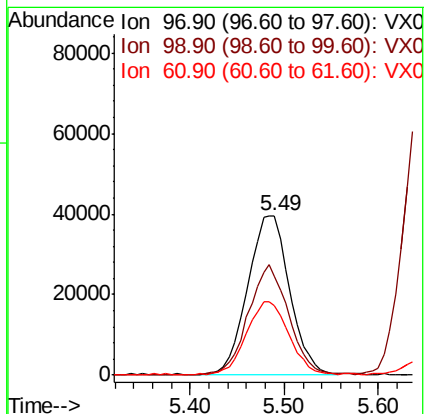
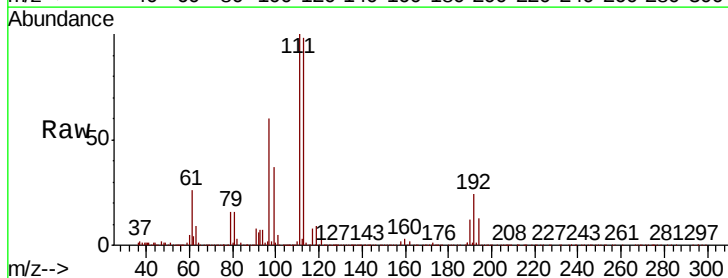
Tgt Ion: 97 Resp: 123342

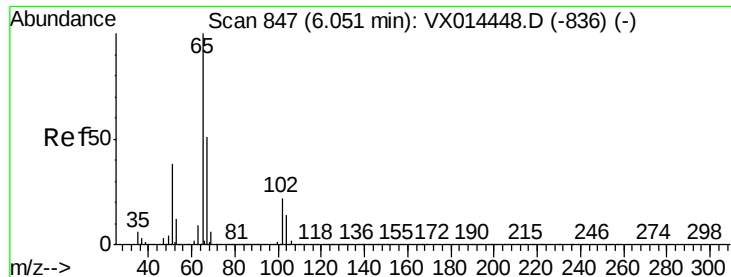
Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.6

61 46.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.608 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

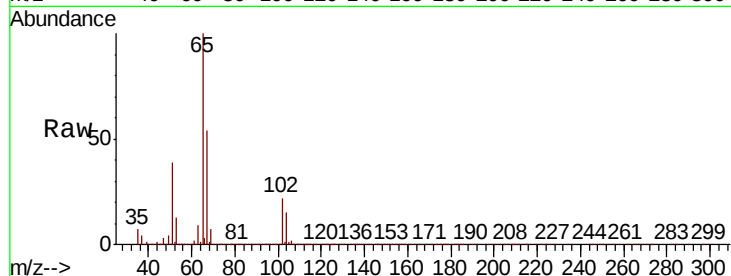
ClientSampled :

Tot Ion: 65 Resp: 239285

Ion Ratio Lower Upper

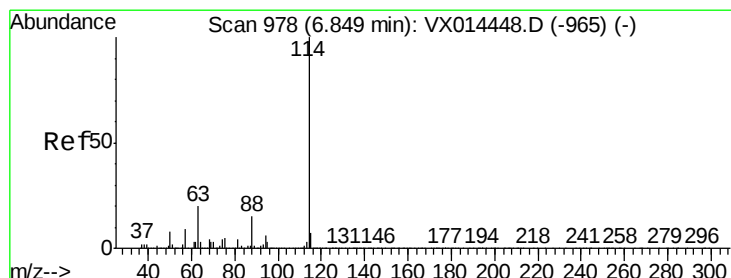
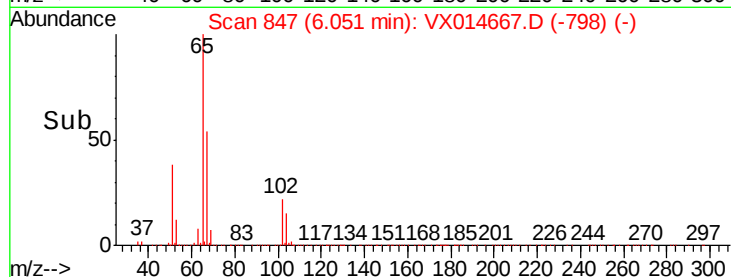
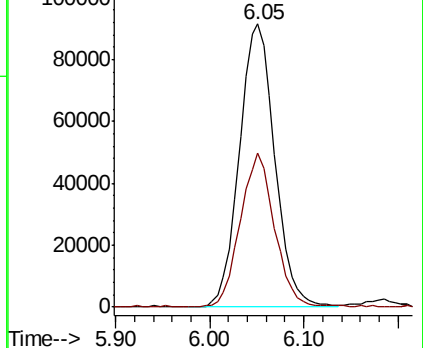
65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

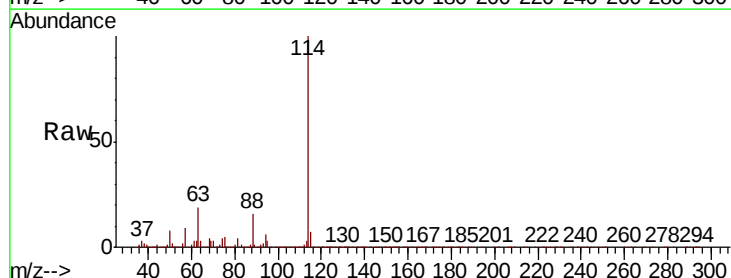
Tgt Ion: 114 Resp: 623470

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

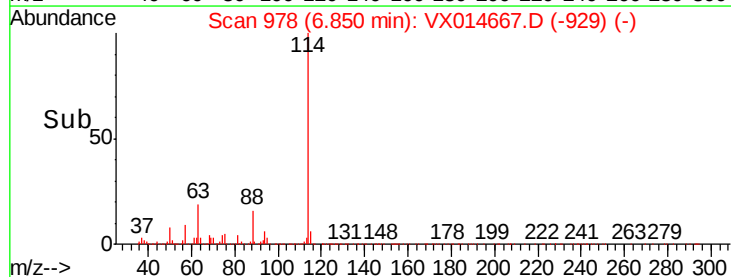
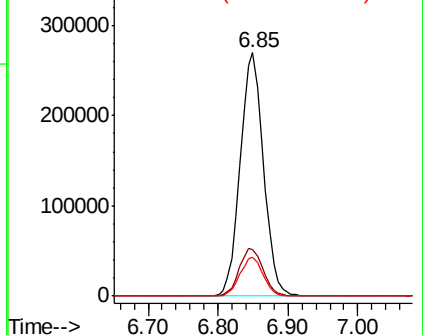
88 16.1 0.0 30.8

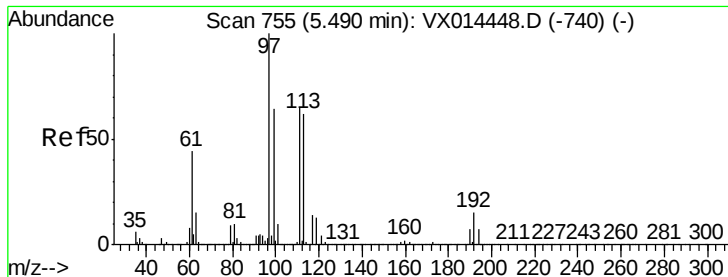


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.468 ug/l

RT: 5.48 min Scan# 754

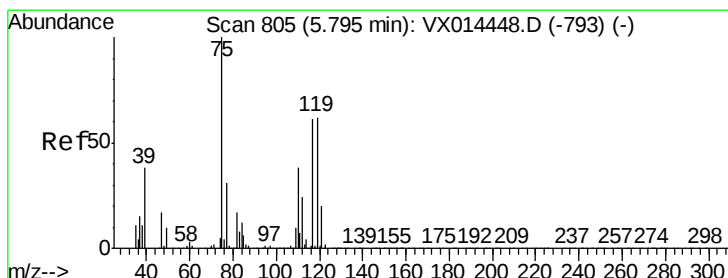
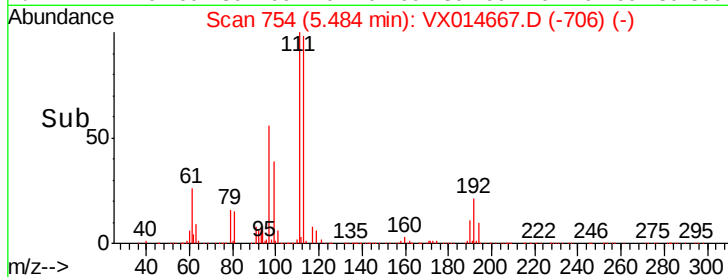
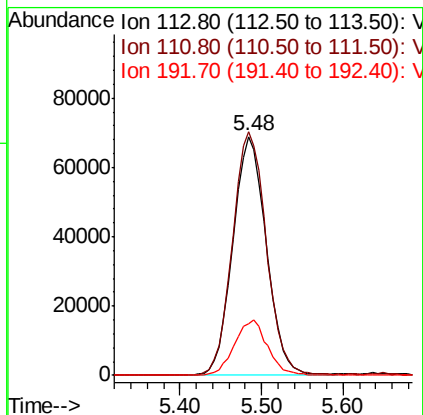
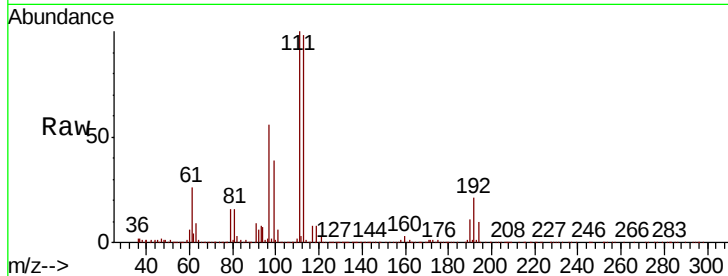
Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	194248
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	23.1	19.2	28.8



#36

1,1-Dichloropropene

Concen: 19.229 ug/l

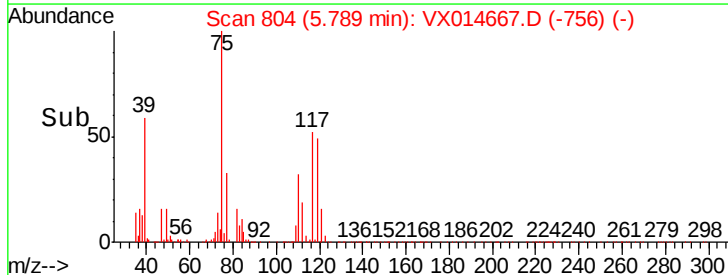
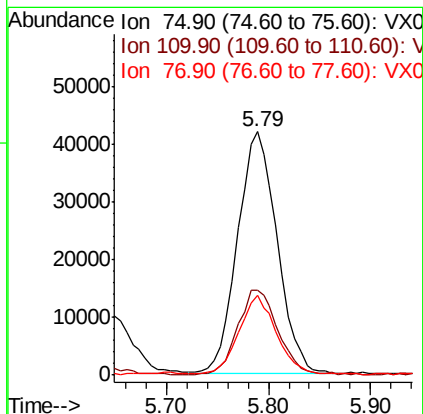
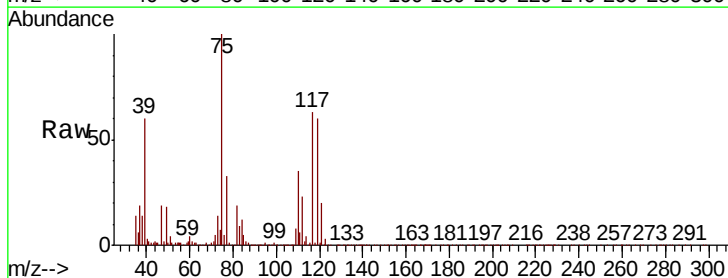
RT: 5.79 min Scan# 804

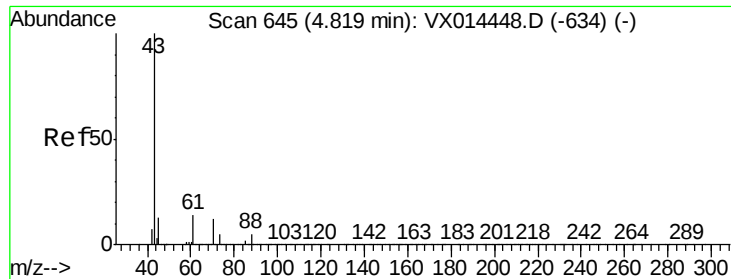
Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	75	Resp:	112741
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.6	55.8
77	30.1	24.5	36.7

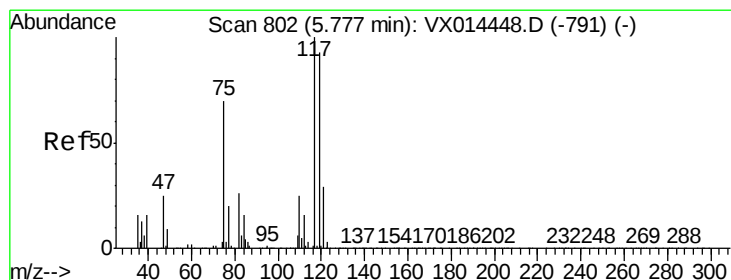
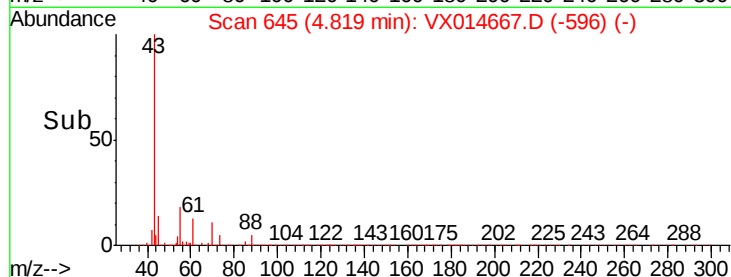
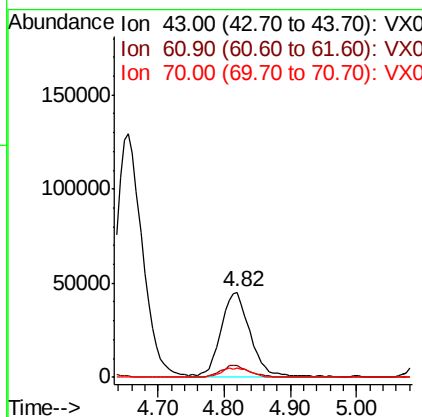
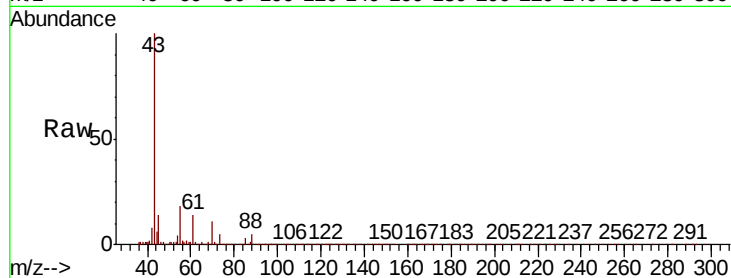




#37
Ethyl Acetate
Concen: 21.352 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

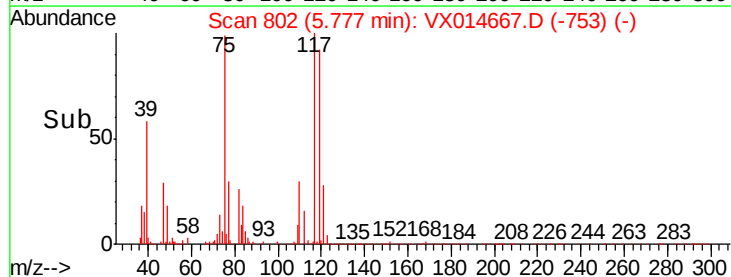
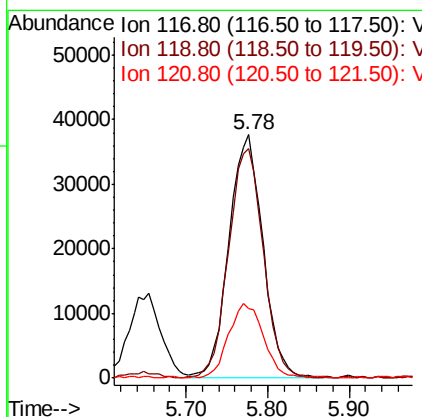
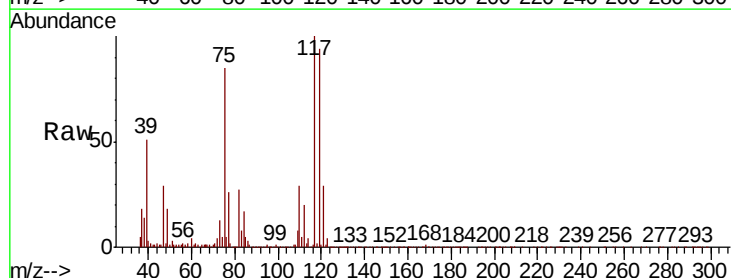
Instrument :
MSVOA_X
ClientSampleId :

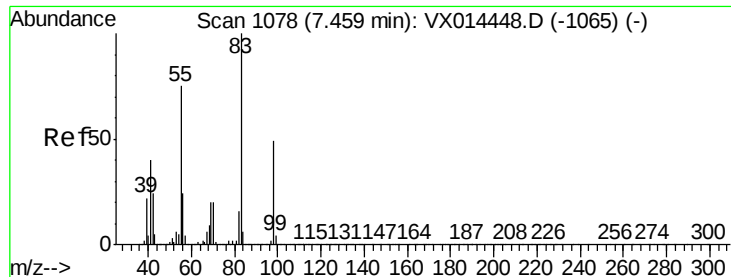
Tot Ion: 43 Resp: 135981
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.157 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 117 Resp: 108755
Ion Ratio Lower Upper
117 100
119 93.8 73.8 110.8
121 28.5 23.4 35.0

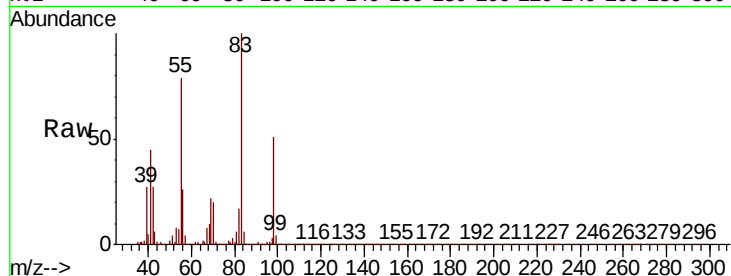




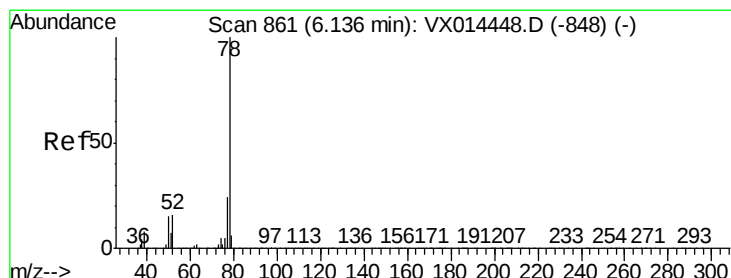
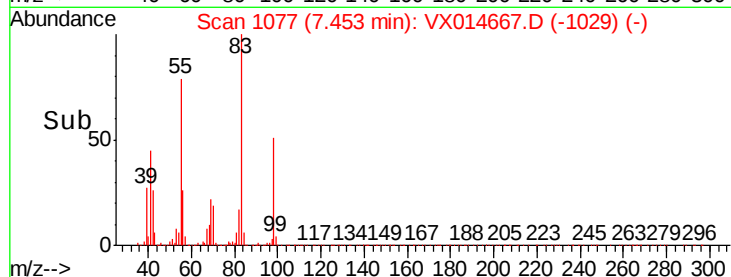
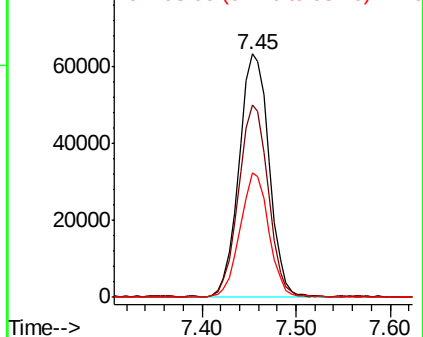
#39
Methvlcvclohexane
Concen: 19.161 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	59.7	89.5
98	51.0	39.1	58.7

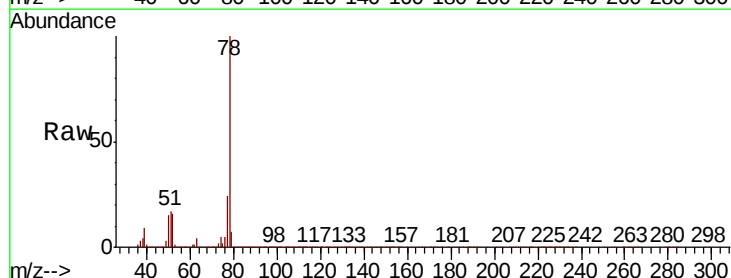


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

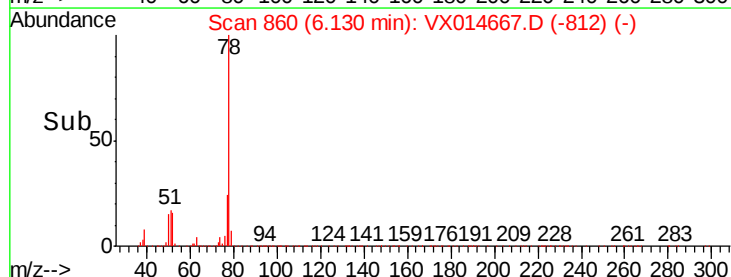
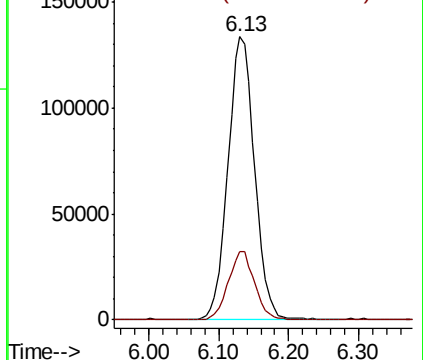


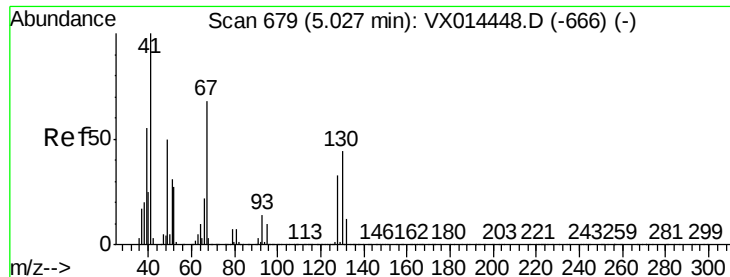
#40
Benzene
Concen: 20.217 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3



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

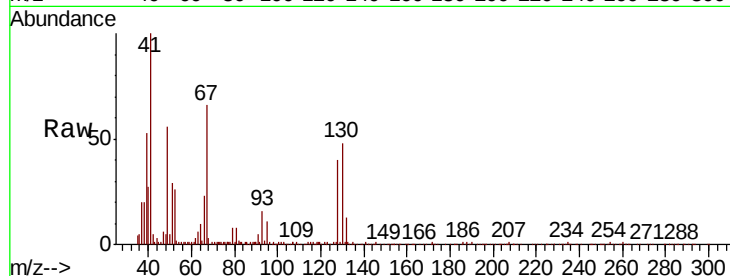




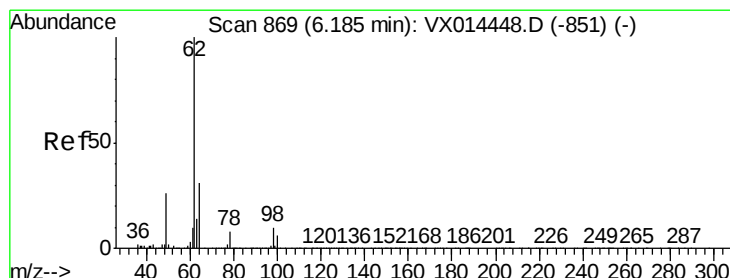
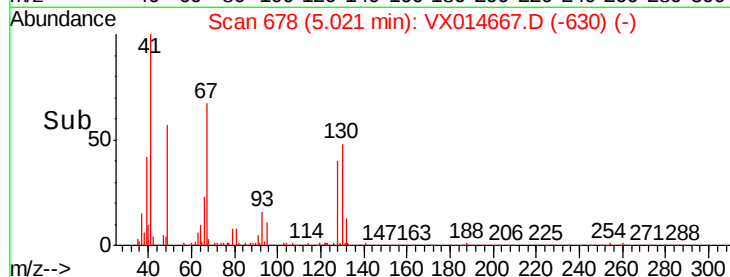
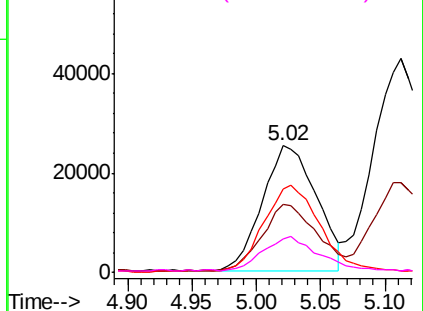
#41
Methacrylonitrile
Concen: 21.644 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	73508
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.6	65.4
67	71.0	57.9	86.9
52	29.0	23.0	34.6

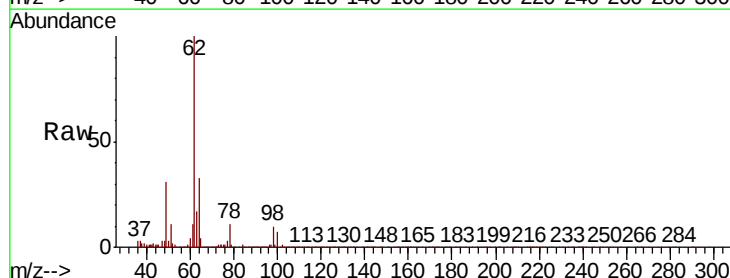


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

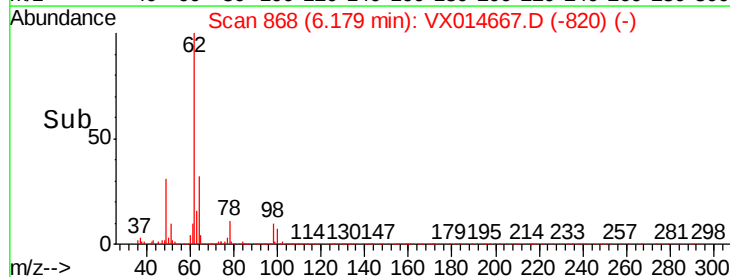
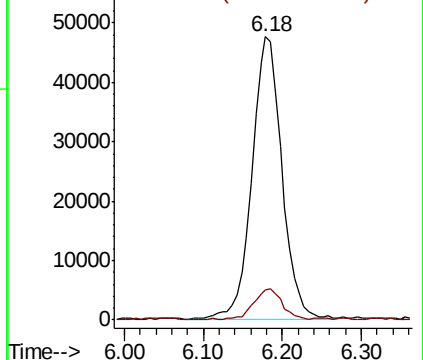


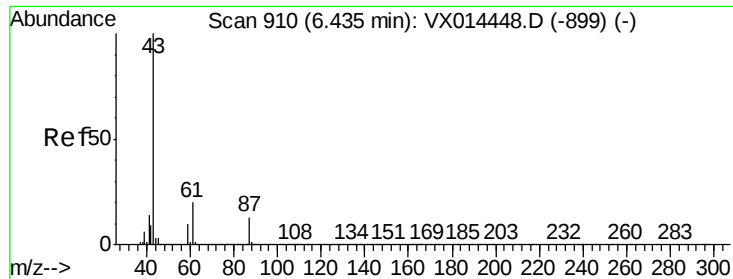
#42
1,2-Dichloroethane
Concen: 20.820 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion:	62	Resp:	126679
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4



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



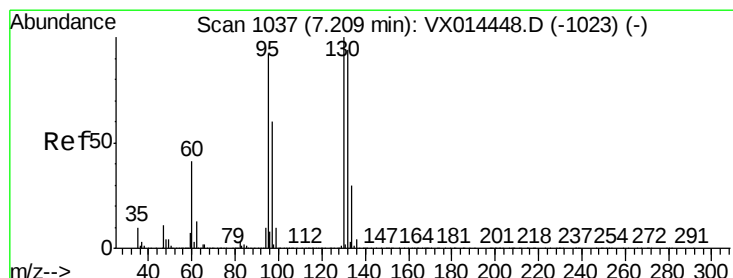
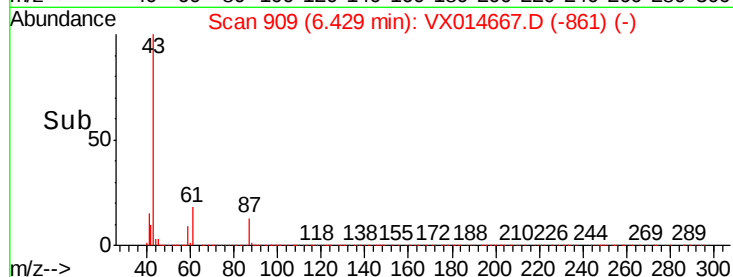
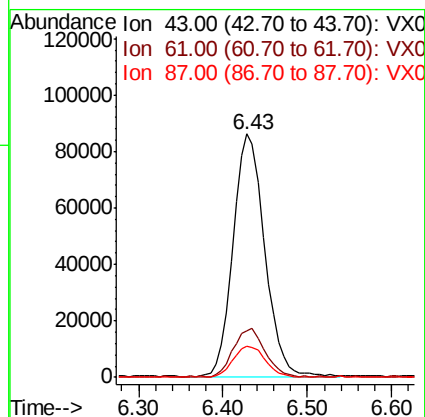
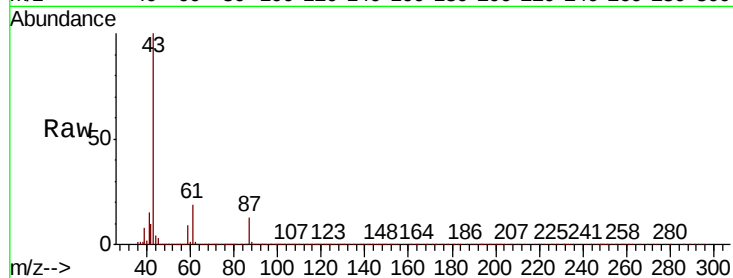


#43

Isopropyl Acetate
 Concen: 21.135 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampled :

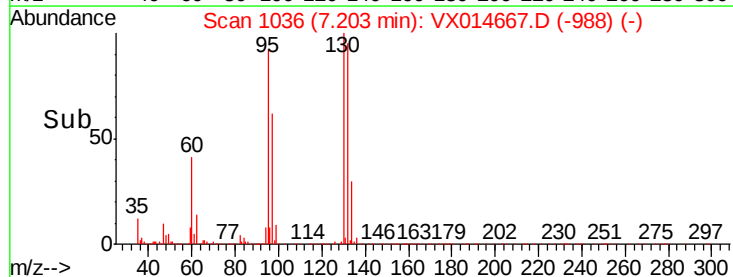
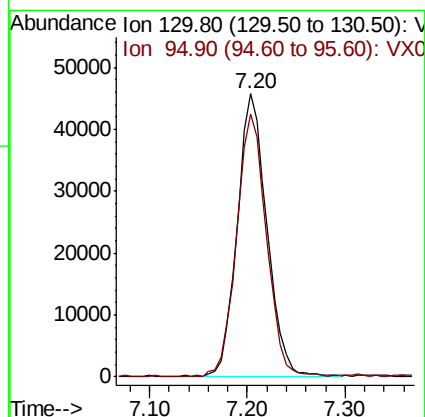
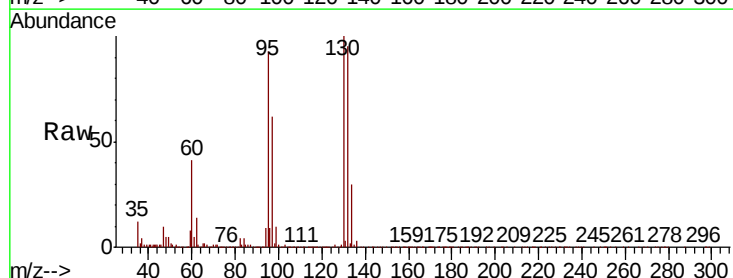
Tot Ion: 43 Resp: 217434
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.6 24.8
 87 13.3 10.8 16.2

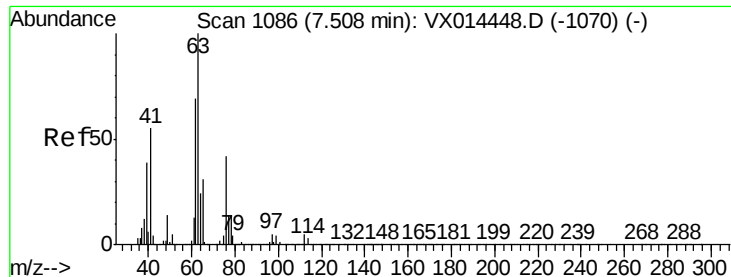


#44

Trichloroethene
 Concen: 19.165 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion: 130 Resp: 95844
 Ion Ratio Lower Upper
 130 100
 95 92.7 0.0 184.2





#45

1,2-Dichloropropane

Concen: 21.744 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

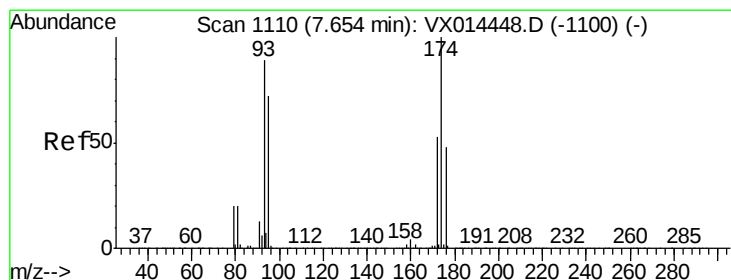
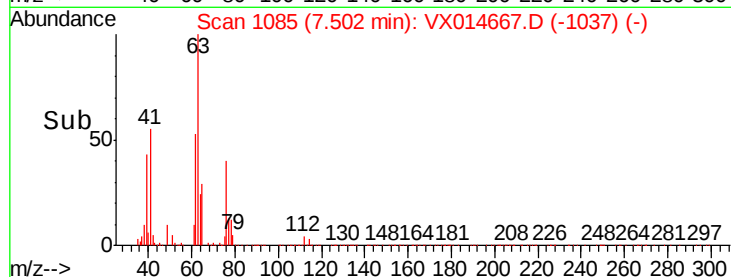
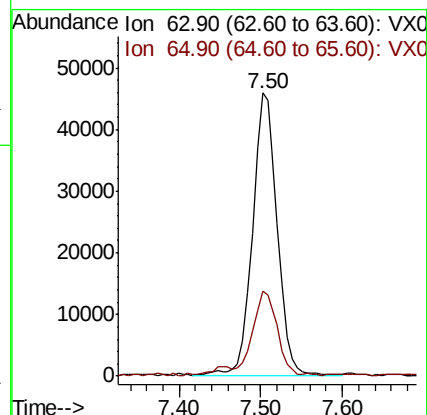
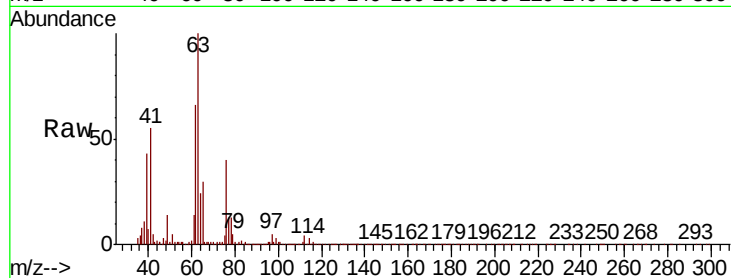
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 96471

Ion Ratio Lower Upper

63 100

65 29.4 24.8 37.2



#46

Dibromomethane

Concen: 19.592 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

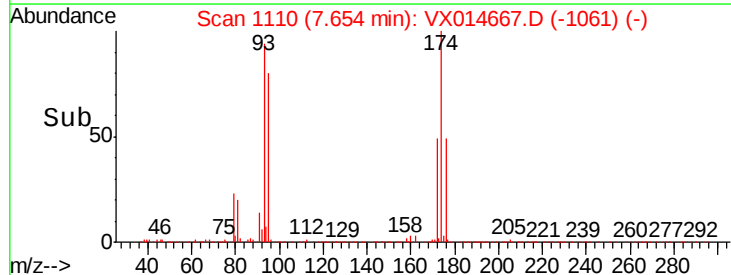
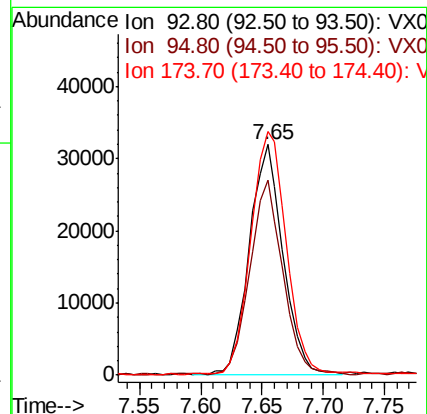
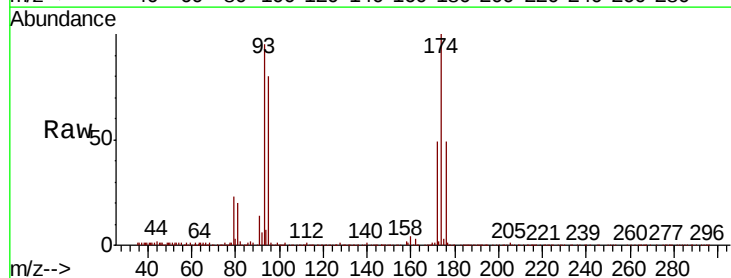
Tgt Ion: 93 Resp: 60667

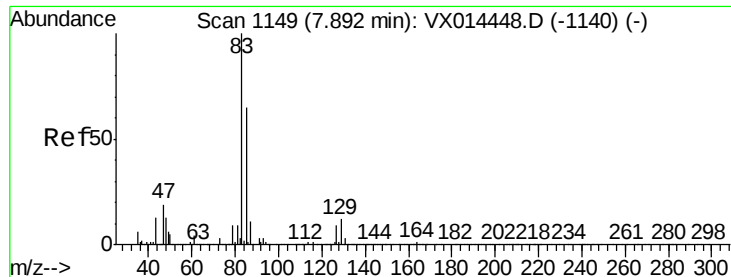
Ion Ratio Lower Upper

93 100

95 84.6 65.4 98.2

174 114.1 93.0 139.4





#47

Bromodichloromethane

Concen: 20.858 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

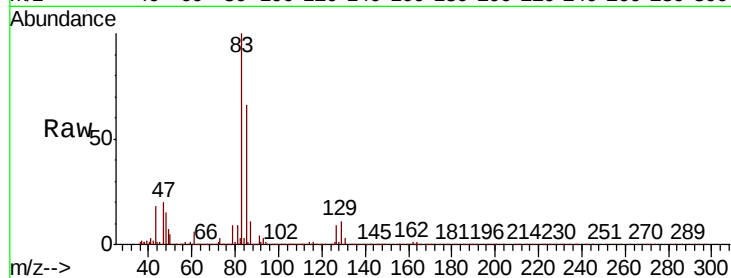
Tot Ion: 83 Resp: 117525

Ion Ratio Lower Upper

83 100

85 66.4 51.7 77.5

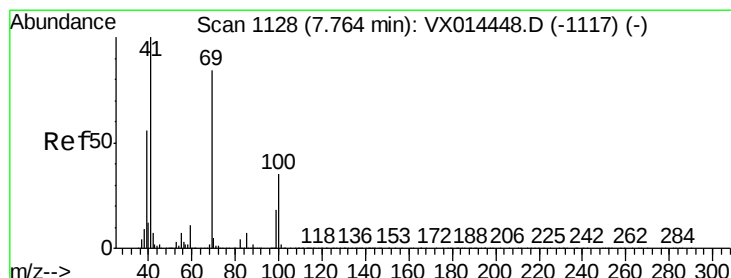
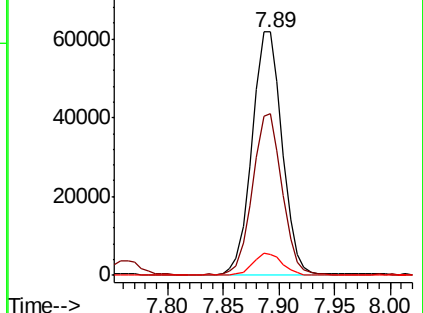
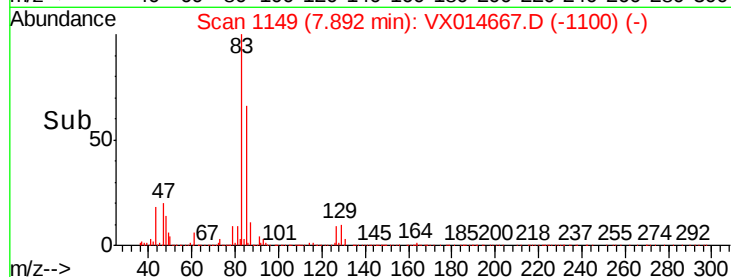
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.481 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

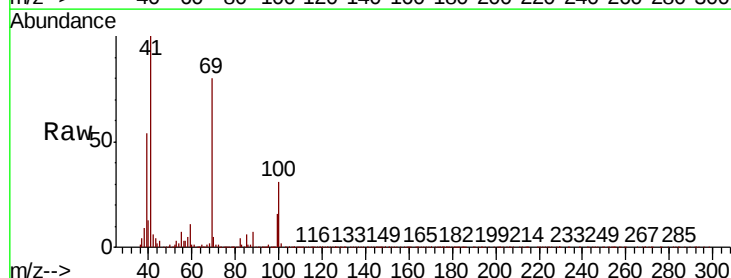
Tgt Ion: 41 Resp: 105845

Ion Ratio Lower Upper

41 100

69 79.9 65.5 98.3

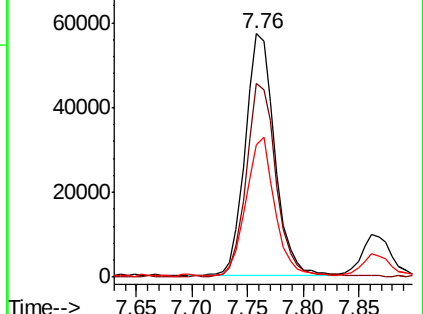
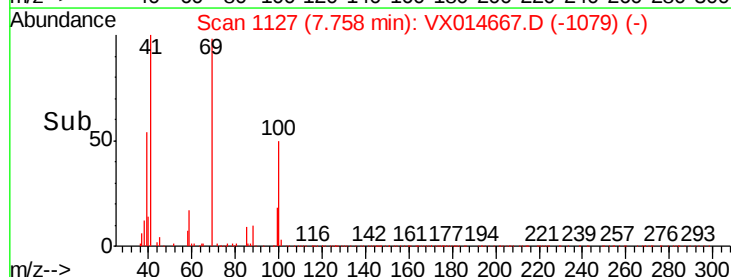
39 55.3 43.9 65.9

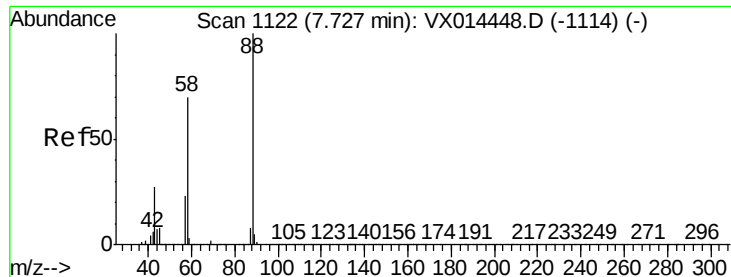


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 429.712 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

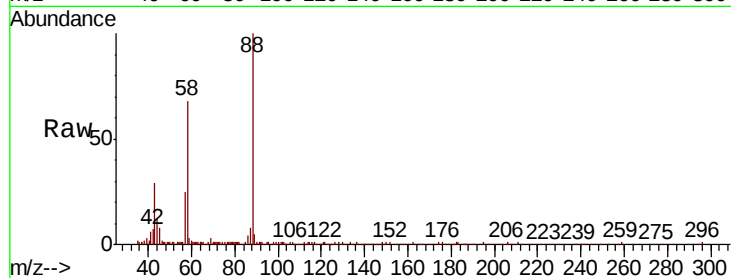
Tot Ion: 88 Resp: 44865

Ion Ratio Lower Upper

88 100

43 35.4 27.4 41.0

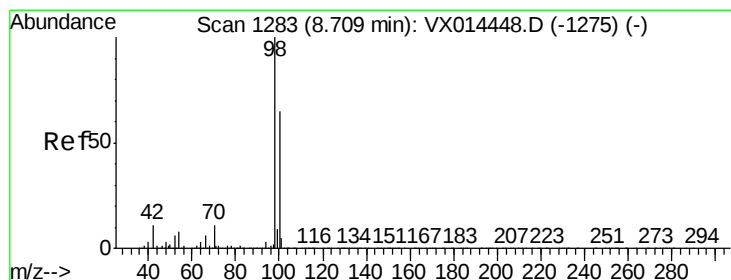
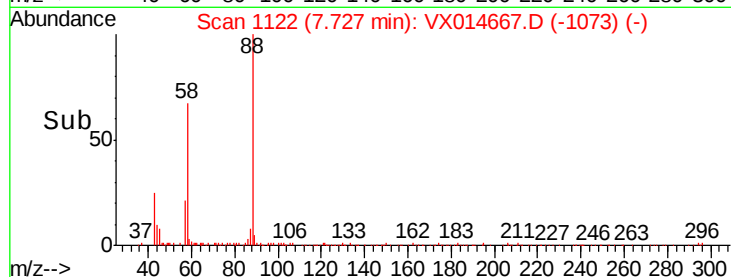
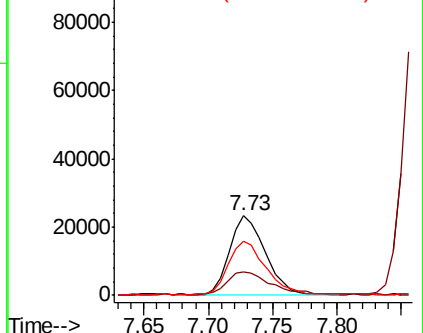
58 70.9 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.985 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014667.D

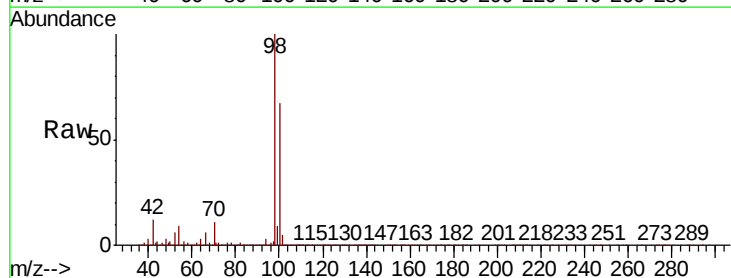
Acq: 20 Jan 2020 11:38

Tgt Ion: 98 Resp: 732094

Ion Ratio Lower Upper

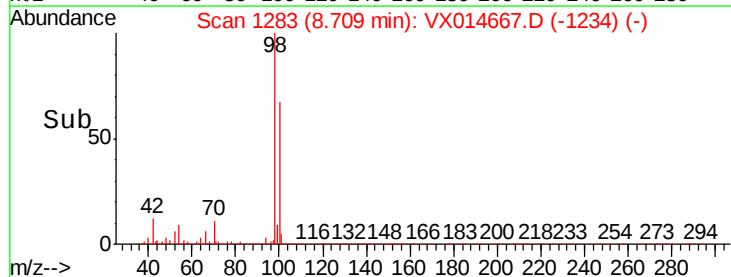
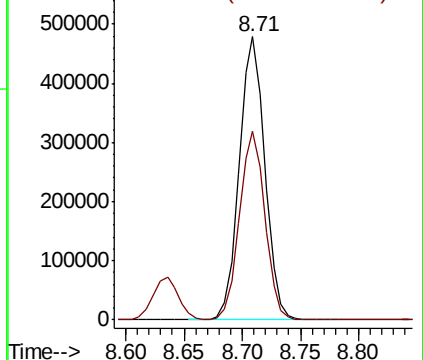
98 100

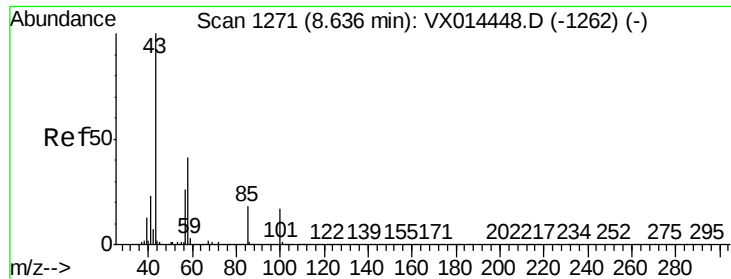
100 66.2 53.2 79.8



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: 111.440 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

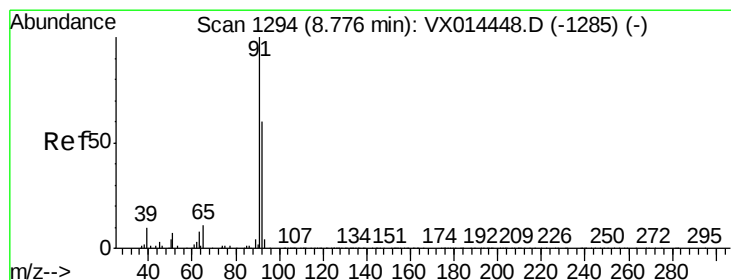
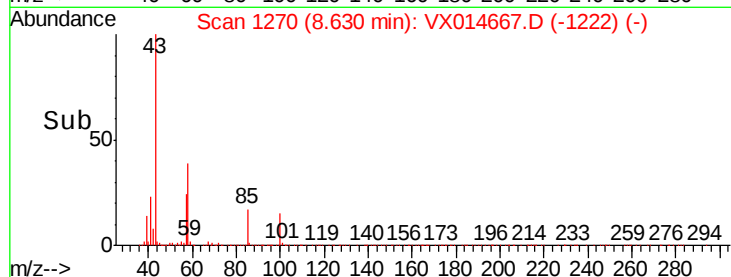
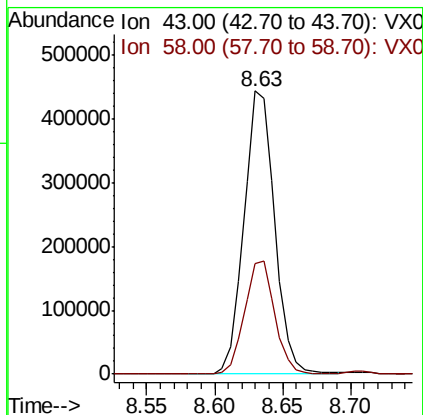
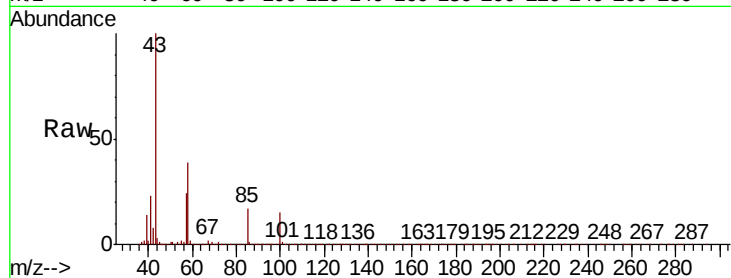
ClientSampleId :

Tot Ion: 43 Resp: 698641

Ion Ratio Lower Upper

43 100

58 39.6 32.4 48.6



#52

Toluene

Concen: 19.769 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014667.D

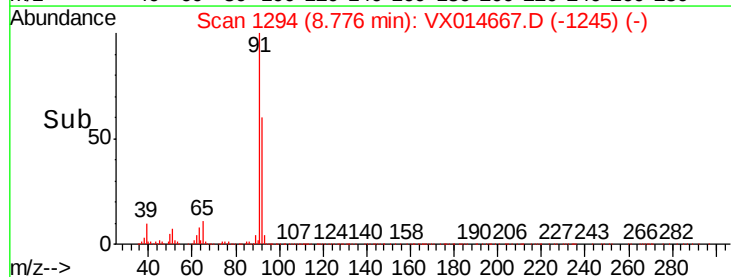
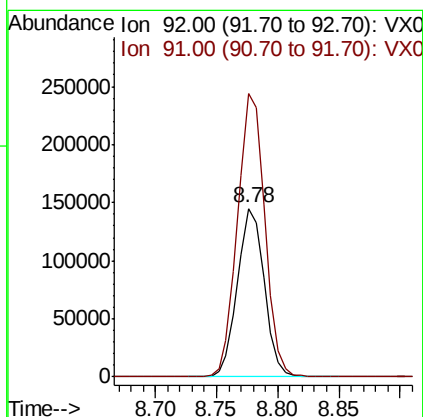
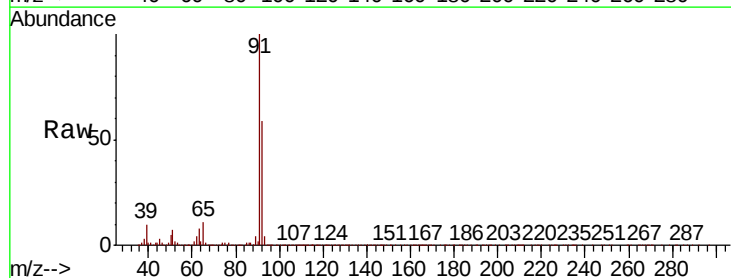
Acq: 20 Jan 2020 11:38

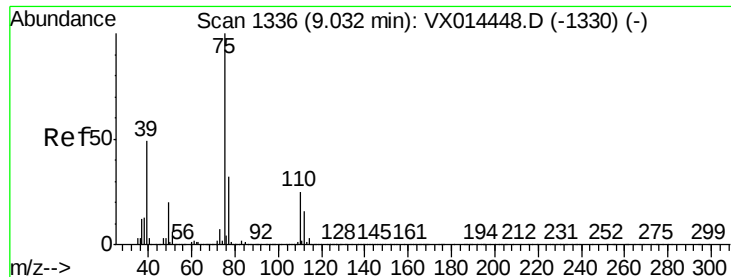
Tgt Ion: 92 Resp: 220219

Ion Ratio Lower Upper

92 100

91 170.9 135.7 203.5

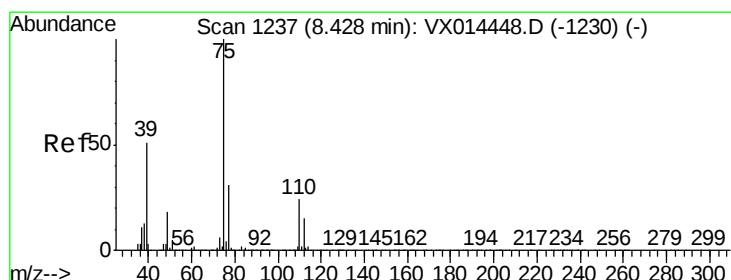
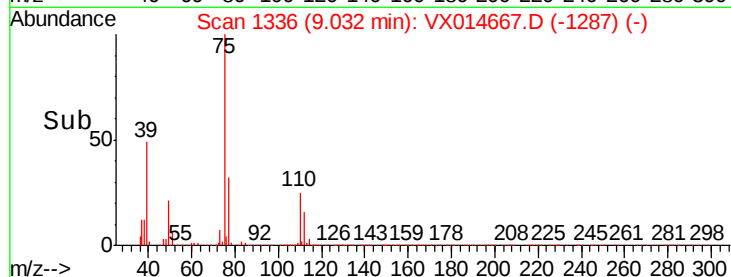
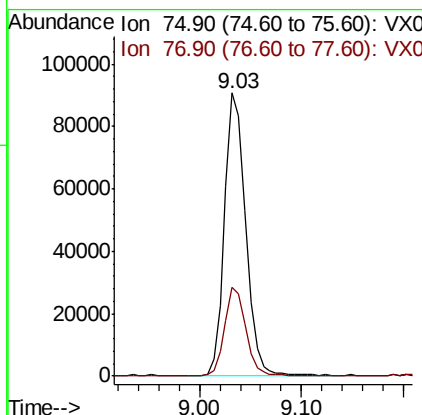
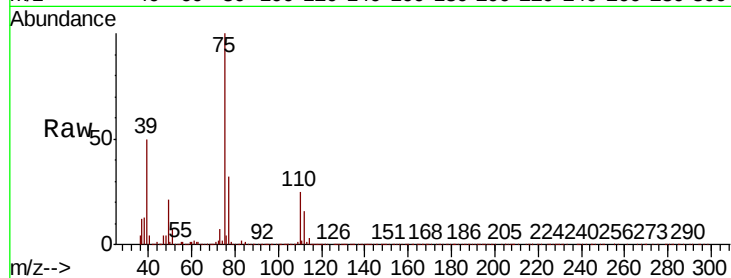




#53
t-1,3-Dichloropropene
Concen: 19.990 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

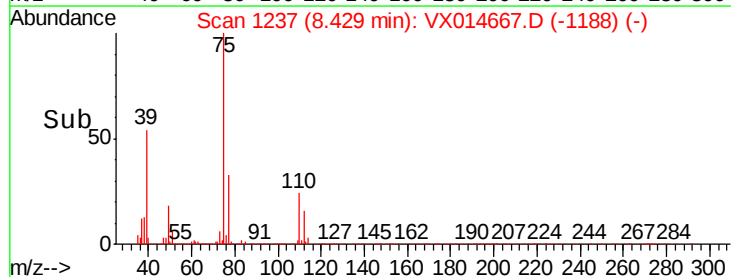
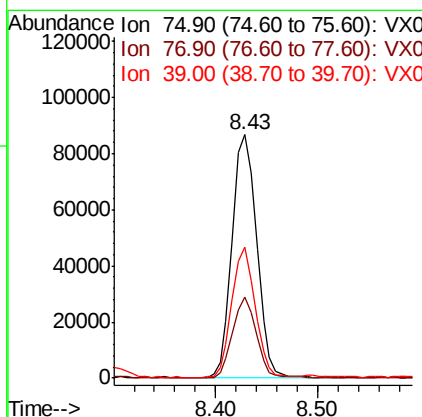
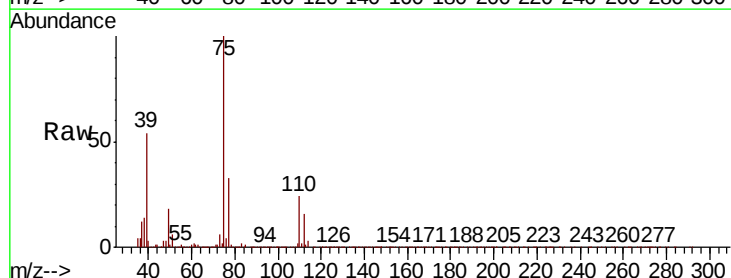
Instrument :
MSVOA_X
ClientSampleId :

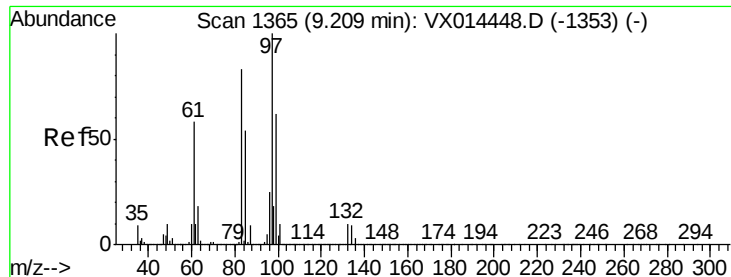
Tot Ion: 75 Resp: 131132
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.421 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 75 Resp: 144707
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4
39 53.7 40.7 61.1

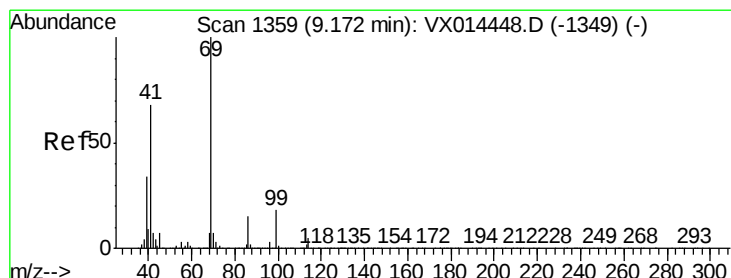
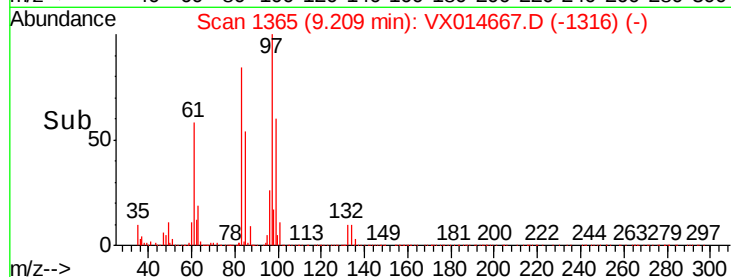
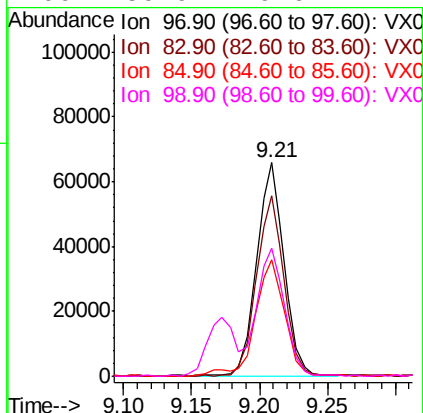
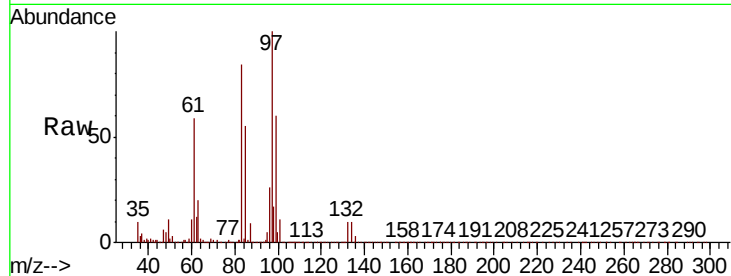




#55
 1,1,2-Trichloroethane
 Concen: 20.801 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

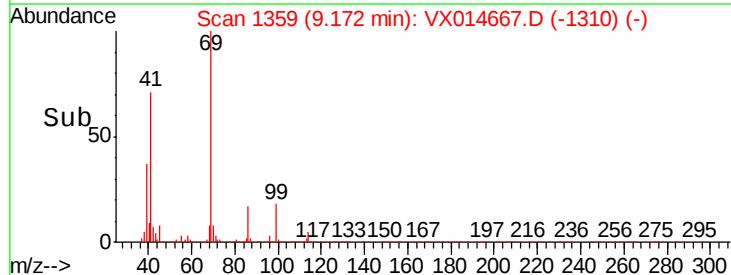
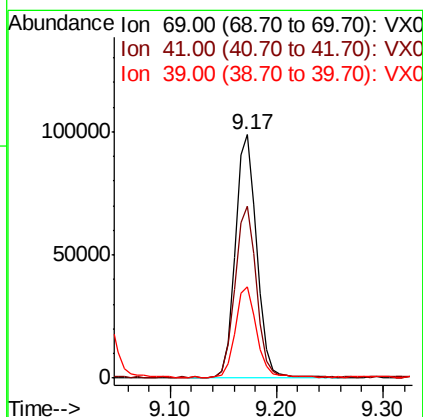
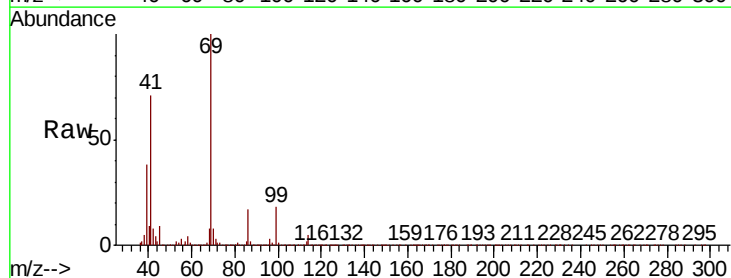
Instrument :
 MSVOA_X
 ClientSampleId :

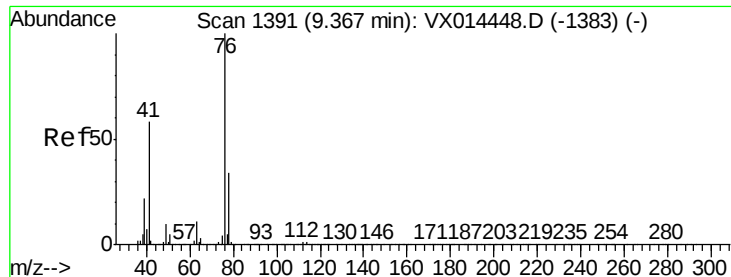
Tot Ion:	97	Resp:	93069
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.4	99.6
85	54.3	43.4	65.2
99	59.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 20.345 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion:	69	Resp:	139460
Ion	Ratio	Lower	Upper
69	100		
41	72.2	54.2	81.2
39	36.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 21.061 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

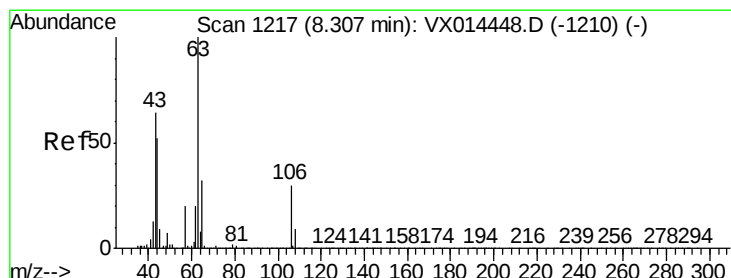
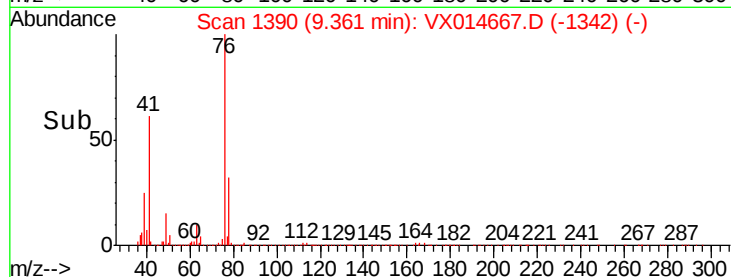
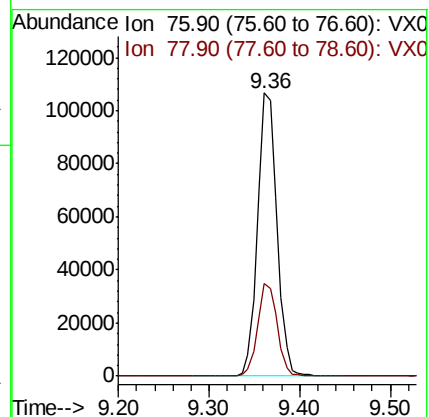
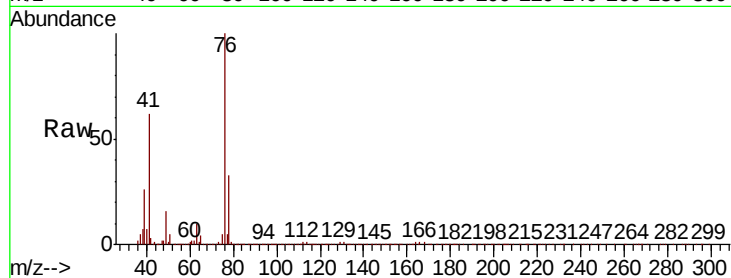
ClientSampleId :

Tot Ion: 76 Resp: 157558

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.804 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014667.D

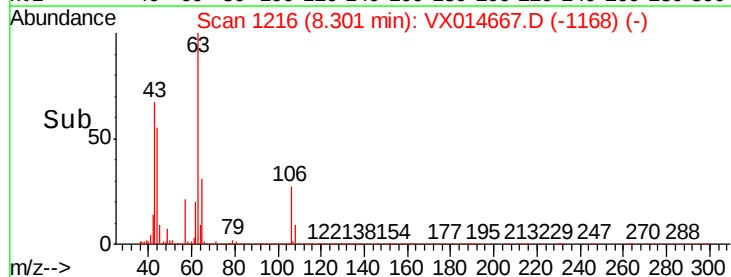
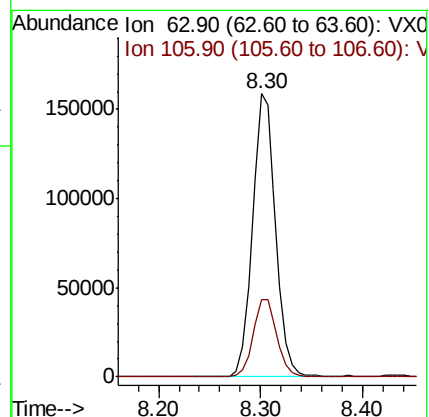
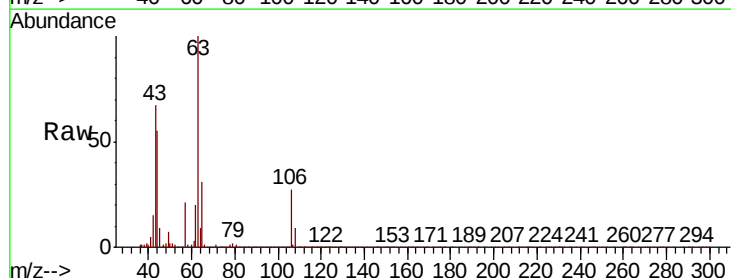
Acq: 20 Jan 2020 11:38

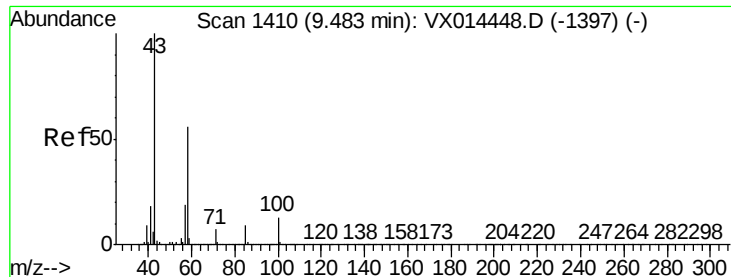
Tgt Ion: 63 Resp: 249096

Ion Ratio Lower Upper

63 100

106 28.4 23.6 35.4

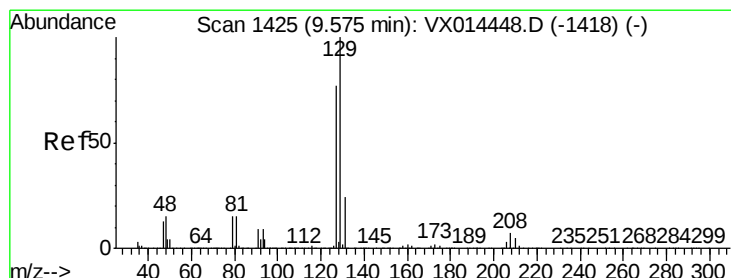
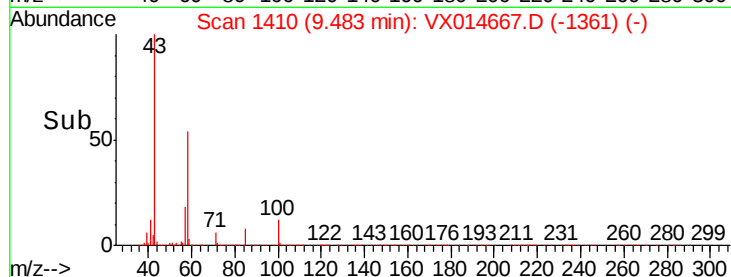
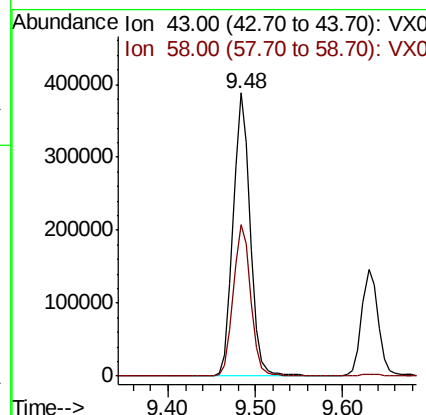
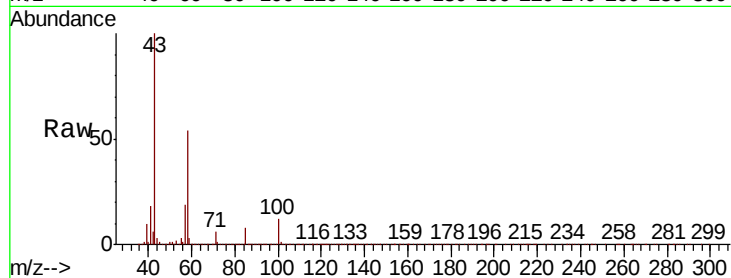




#59
2-Hexanone
Concen: 106.431 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

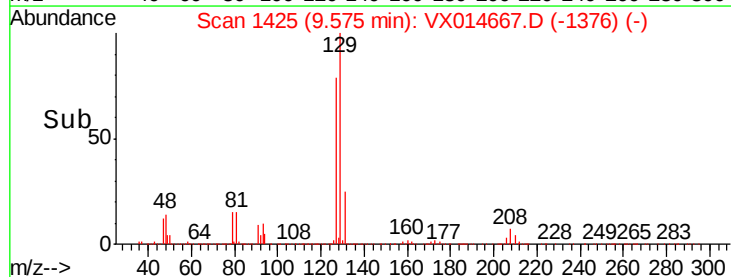
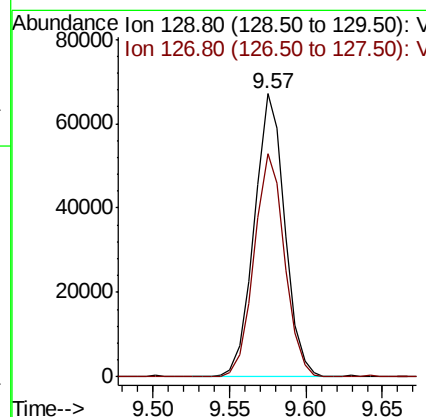
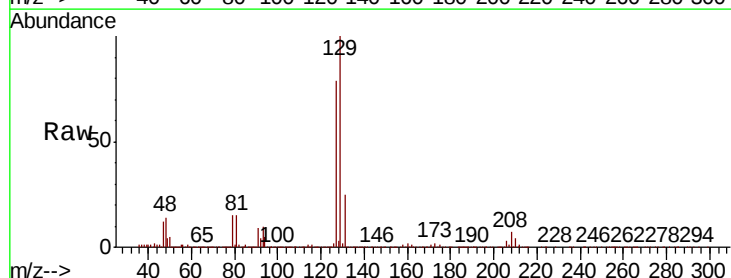
Instrument :
MSVOA_X
ClientSampleId :

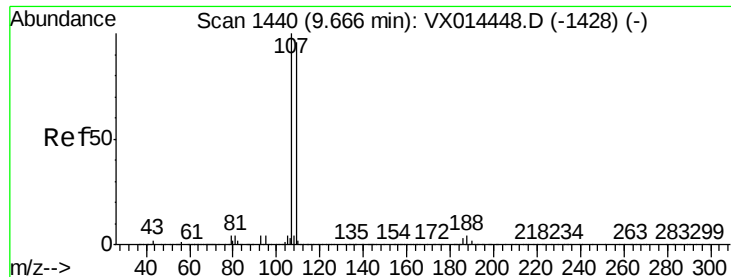
Tot Ion: 43 Resp: 527948
Ion Ratio Lower Upper
43 100
58 54.7 27.9 83.7



#60
Dibromochloromethane
Concen: 20.643 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion:129 Resp: 92835
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.113 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

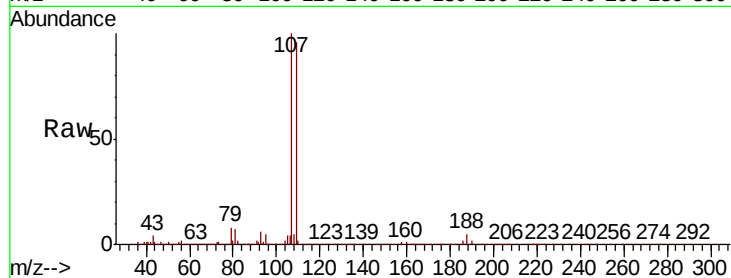
ClientSampleId :

Tot Ion: 107 Resp: 95330

Ion Ratio Lower Upper

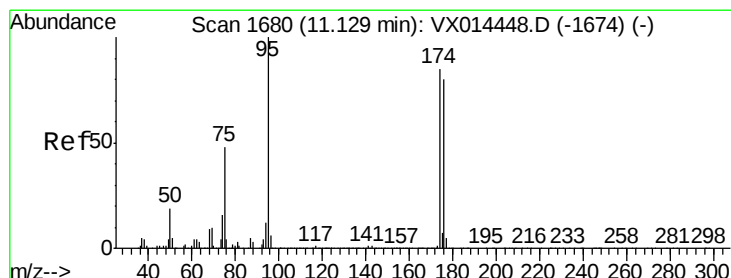
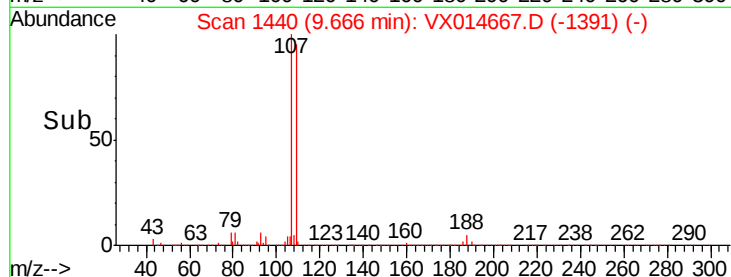
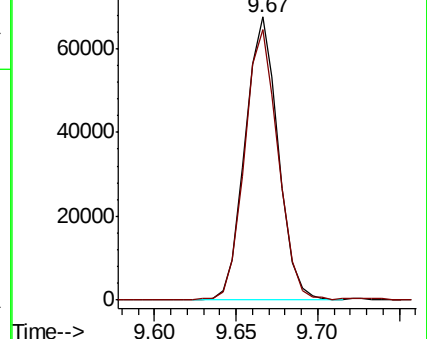
107 100

109 96.0 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.802 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

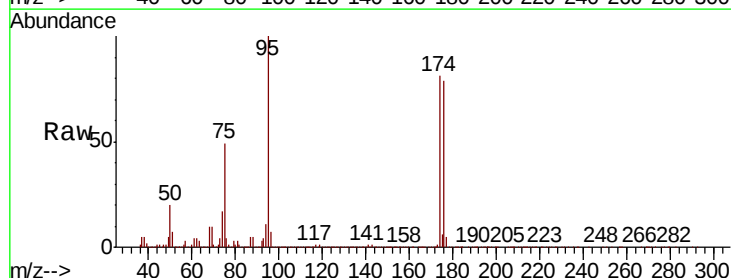
Tgt Ion: 95 Resp: 262398

Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.8

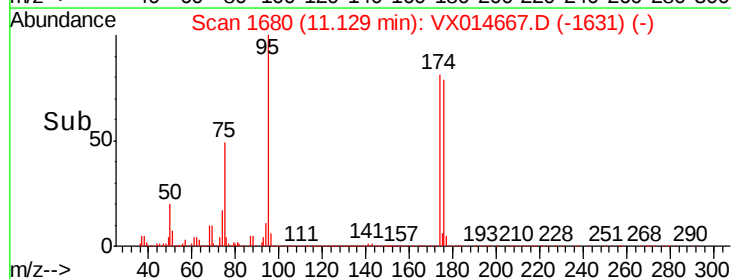
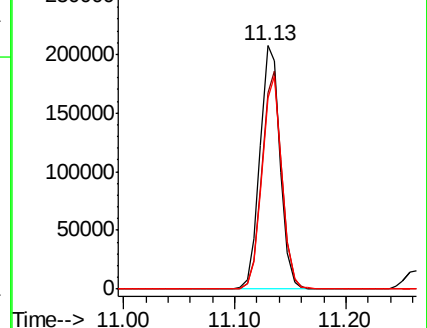
176 86.0 0.0 172.8

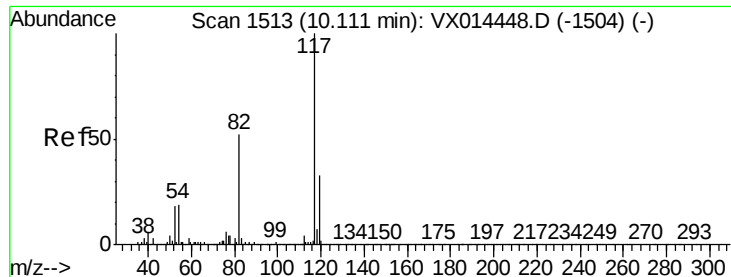


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

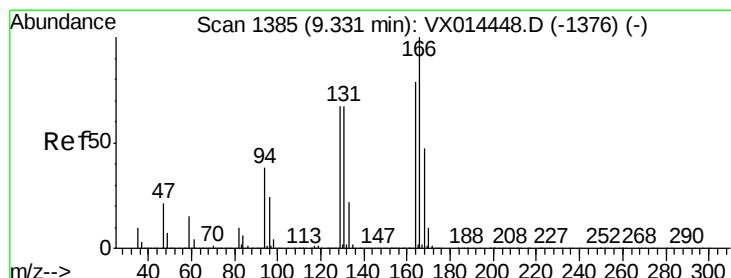
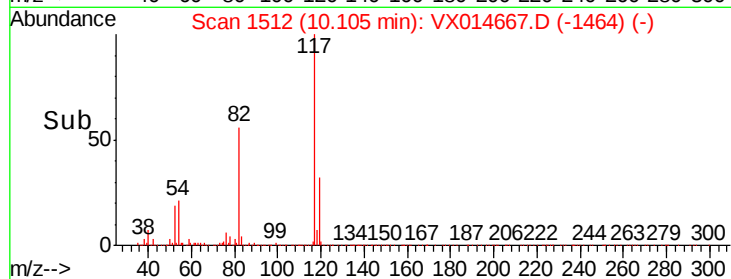
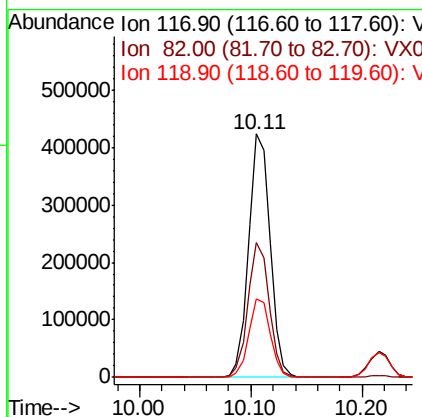
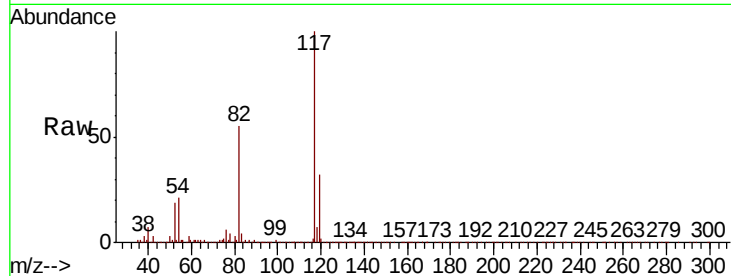




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

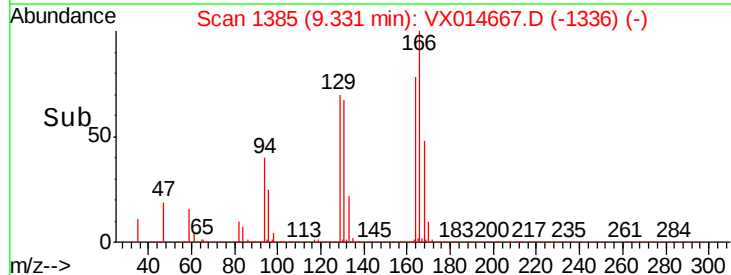
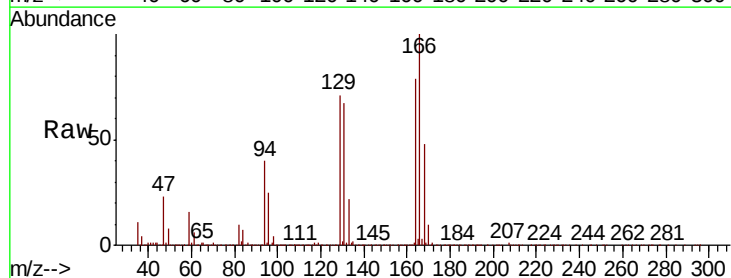
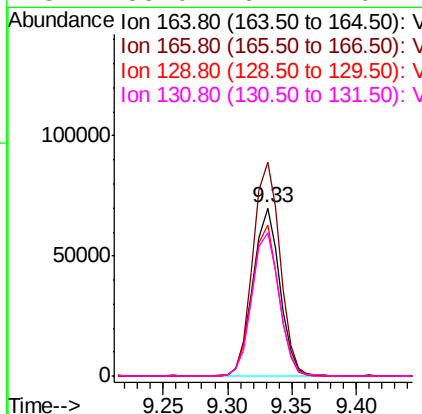
Instrument :
MSVOA_X
ClientSampled :

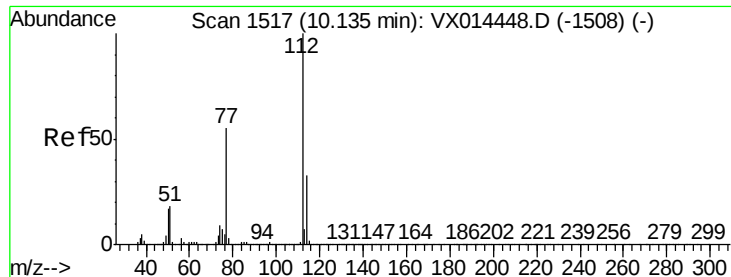
Tot Ion:117 Resp: 570643
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.6
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 17.517 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion:164 Resp: 100183
Ion Ratio Lower Upper
164 100
166 127.2 101.2 151.8
129 89.8 68.3 102.5
131 85.0 67.4 101.2





#65

Chlorobenzene

Concen: 19.136 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

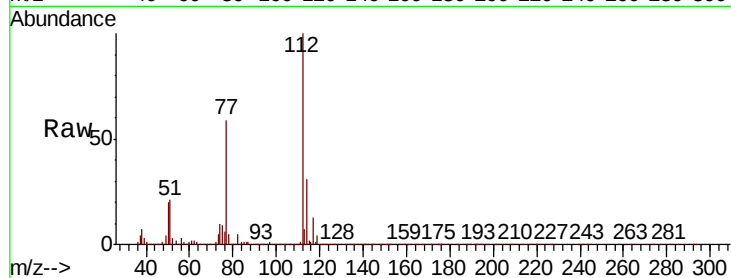
ClientSampleId :

Tot Ion:112 Resp: 236980

Ion Ratio Lower Upper

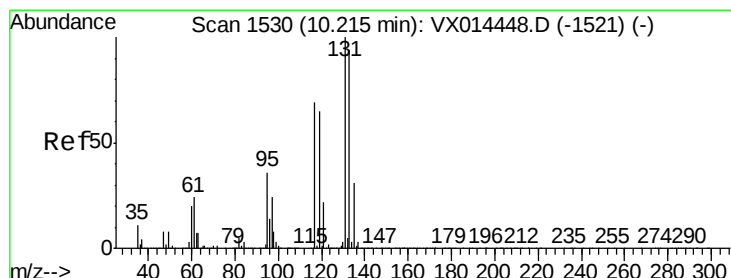
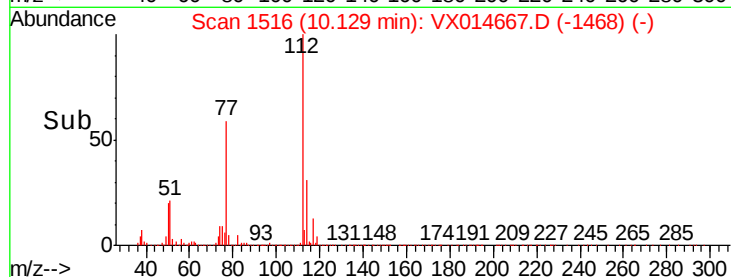
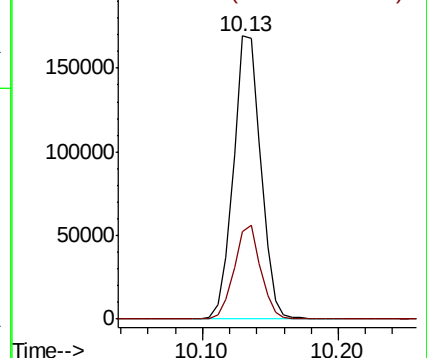
112 100

114 30.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.722 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

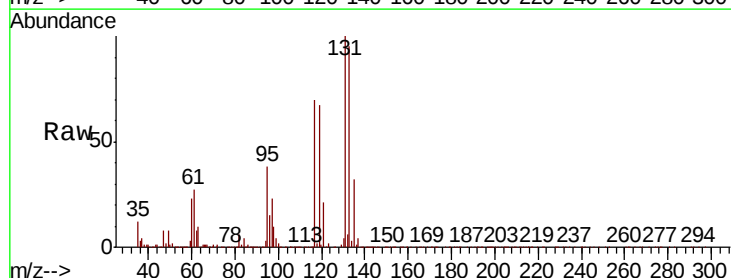
Tgt Ion:131 Resp: 87161

Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

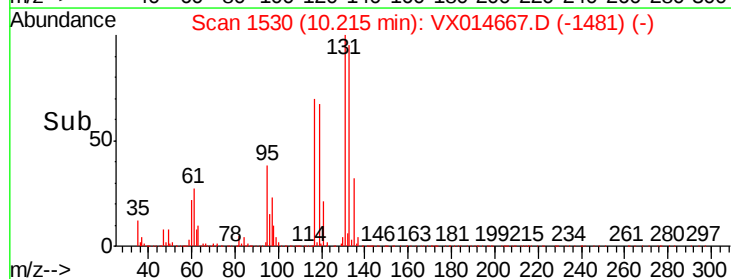
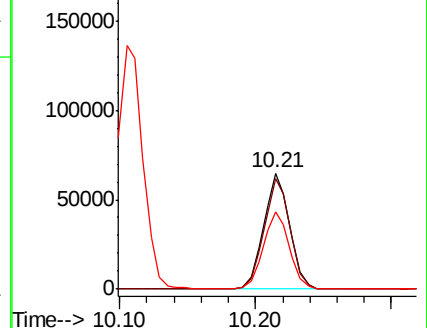
119 67.4 32.8 98.4

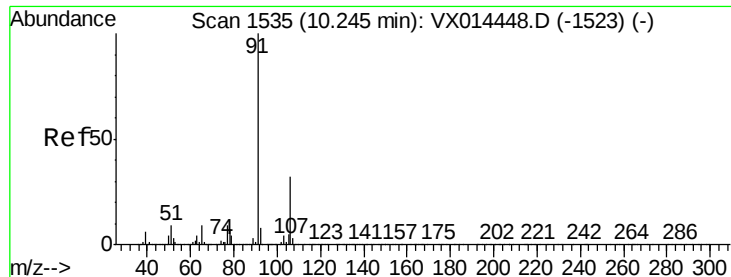


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.702 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

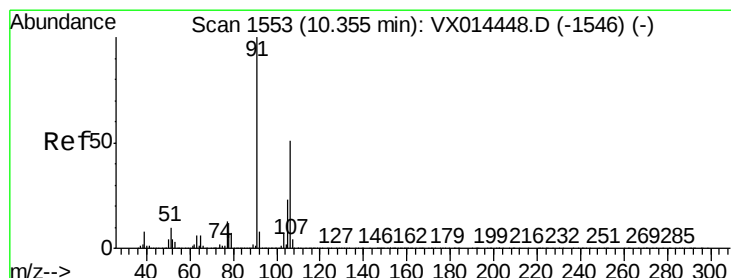
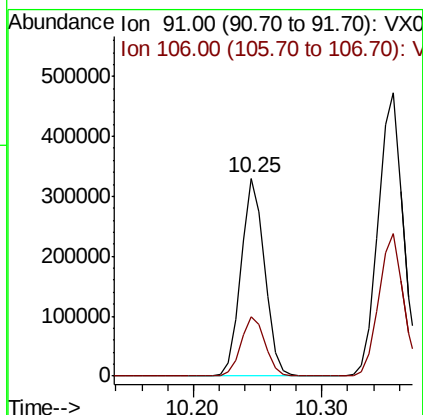
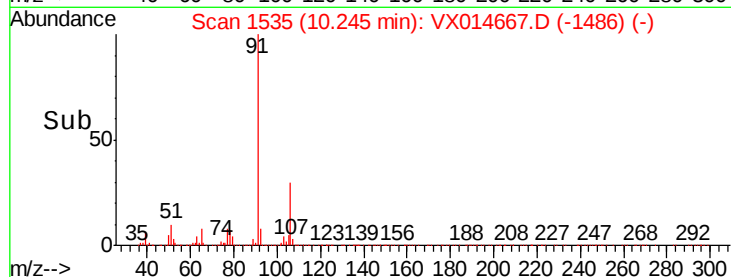
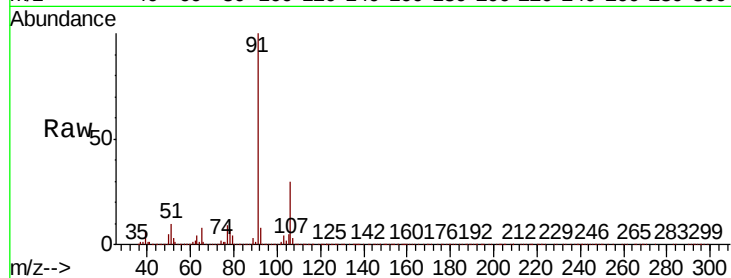
ClientSampled :

Tot Ion: 91 Resp: 415870

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 38.399 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014667.D

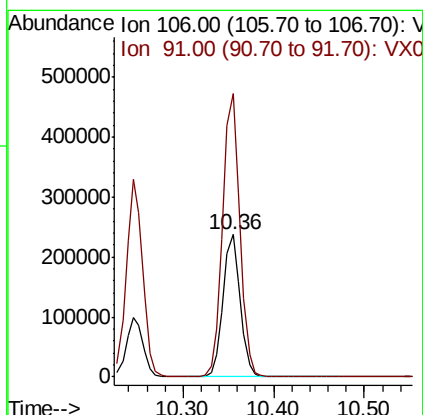
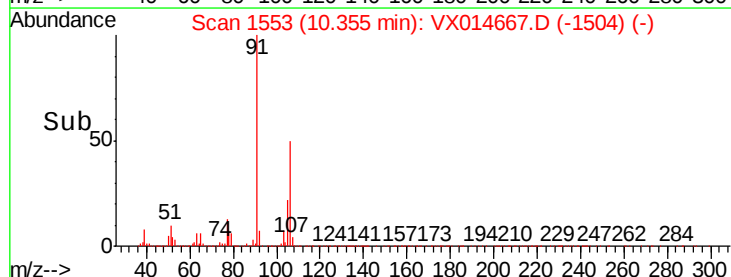
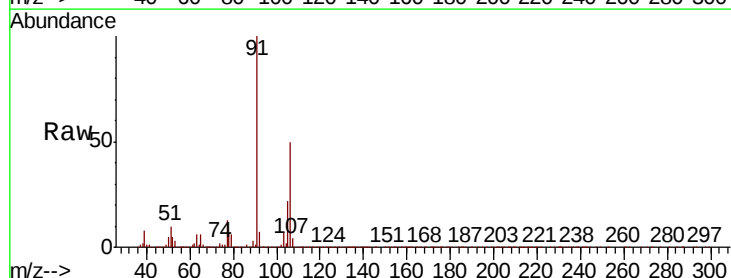
Acq: 20 Jan 2020 11:38

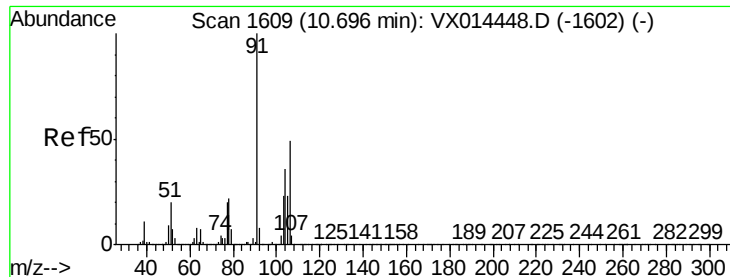
Tgt Ion: 106 Resp: 312690

Ion Ratio Lower Upper

106 100

91 199.6 157.4 236.0

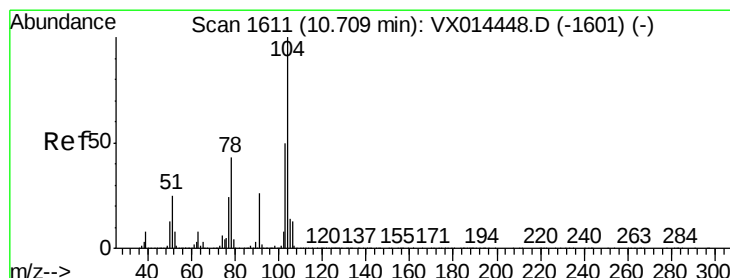
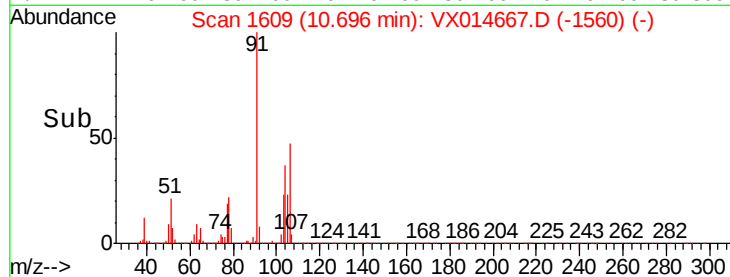
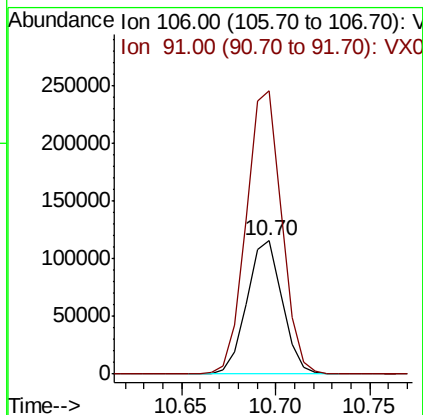
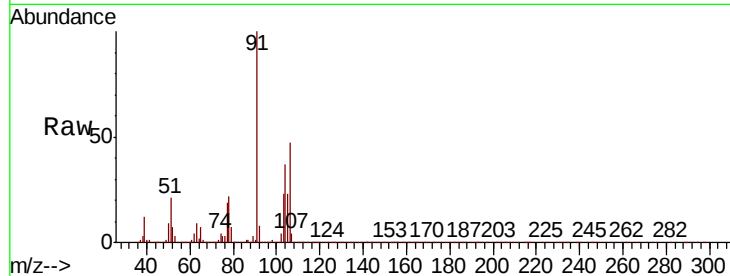




#69
o-Xylene
Concen: 19.403 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

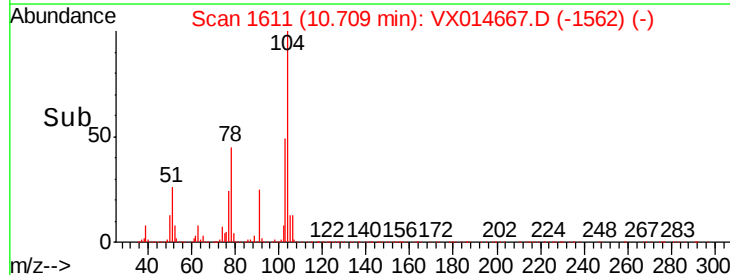
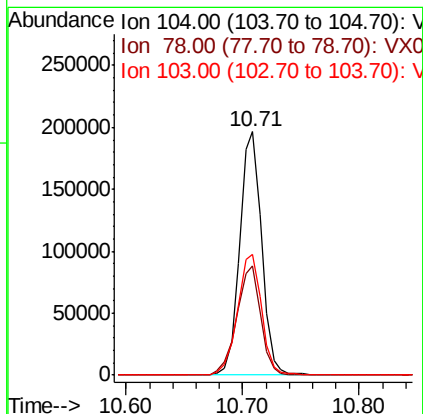
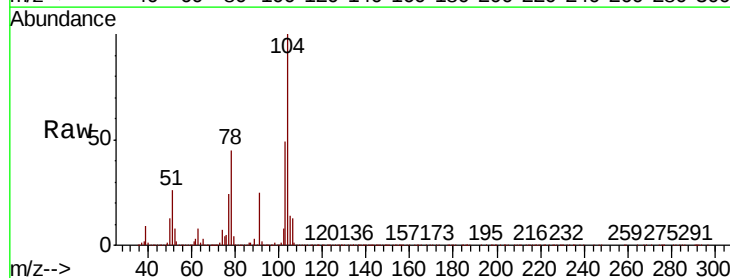
Instrument :
MSVOA_X
ClientSampled :

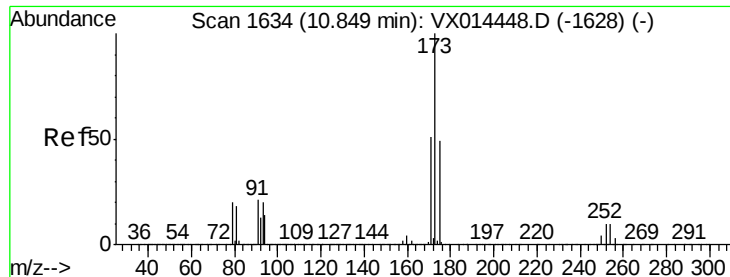
Tot Ion:106 Resp: 150757
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.1



#70
Styrene
Concen: 19.216 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion:104 Resp: 257658
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 54.5 43.7 65.5

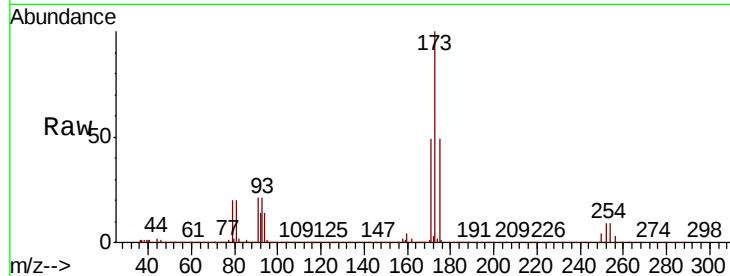




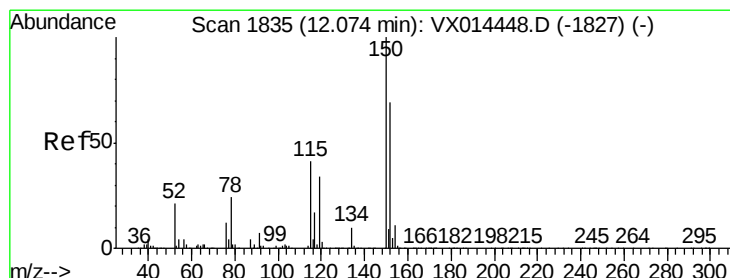
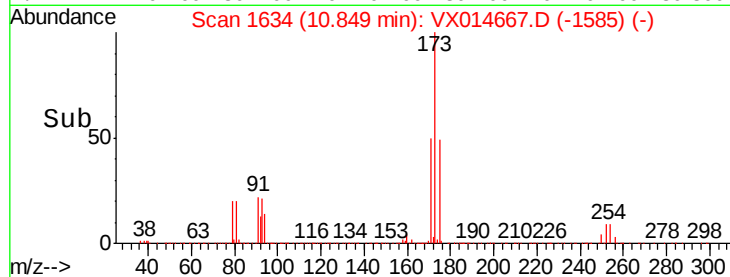
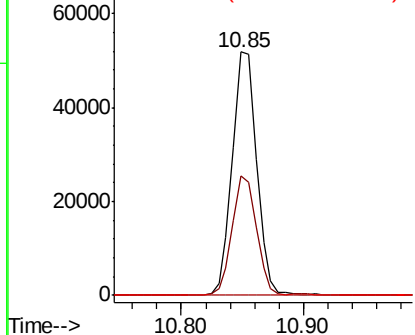
#71
Bromoform
Concen: 19.795 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 71578
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.1 0.2 0.2#

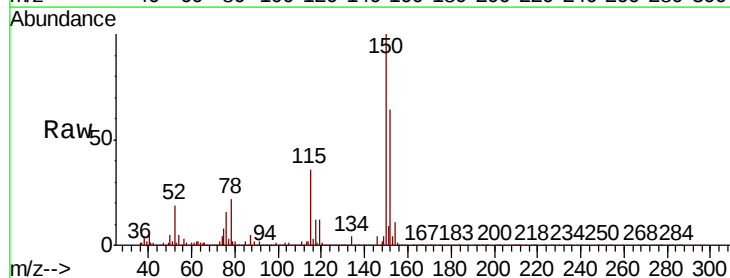


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

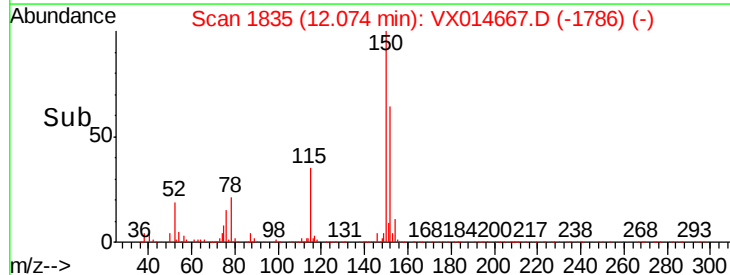
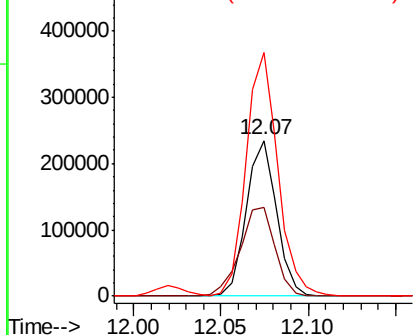


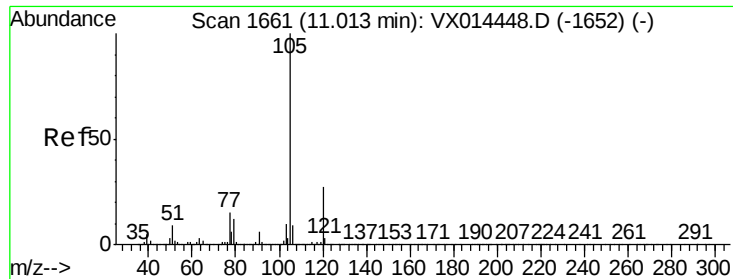
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion:152 Resp: 281005
Ion Ratio Lower Upper
152 100
115 66.0 39.5 118.3
150 164.4 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.491 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

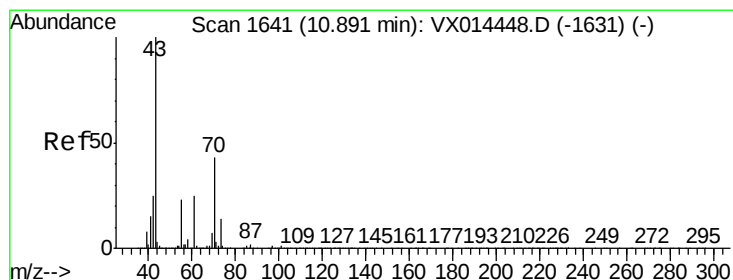
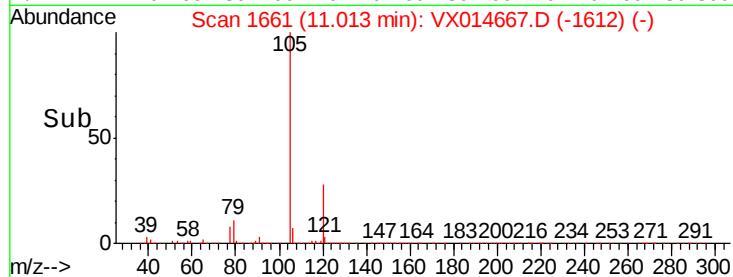
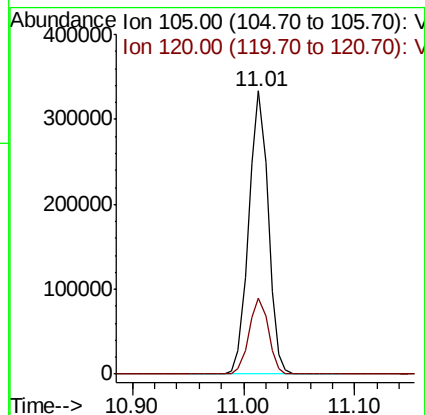
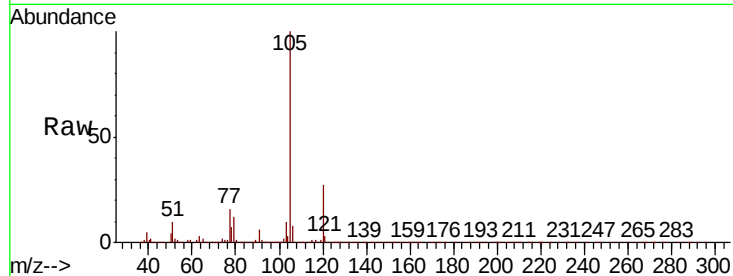
ClientSampleId :

Tot Ion:105 Resp: 404348

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 21.167 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion: 43 Resp: 184275

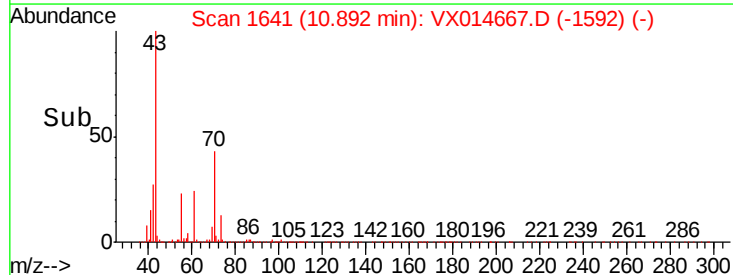
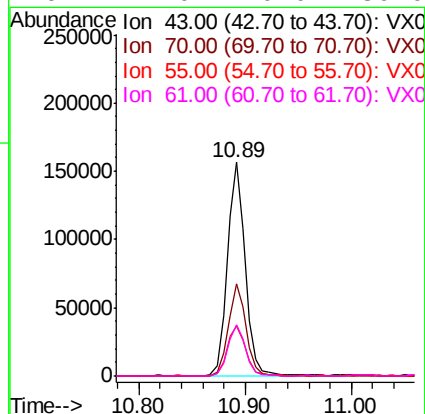
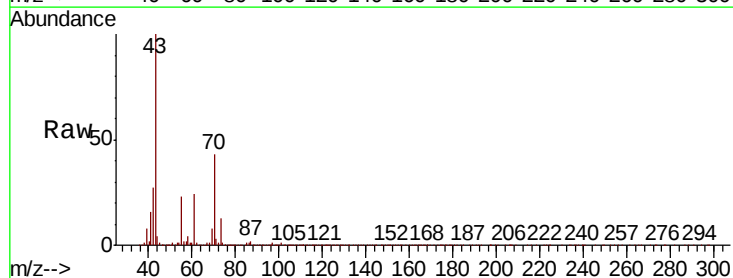
Ion Ratio Lower Upper

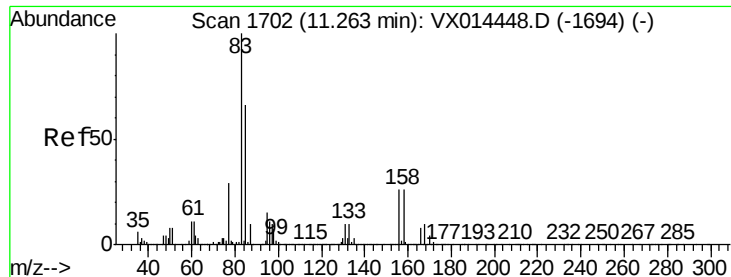
43 100

70 42.2 35.1 52.7

55 23.7 19.3 28.9

61 24.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.979 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

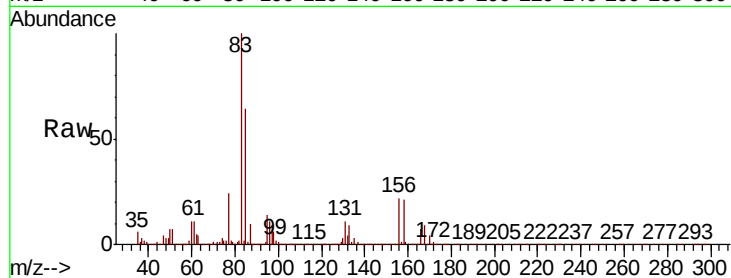
Tot Ion: 83 Resp: 139089

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.6	32.5	97.4

83 100

131 10.3 5.1 15.4

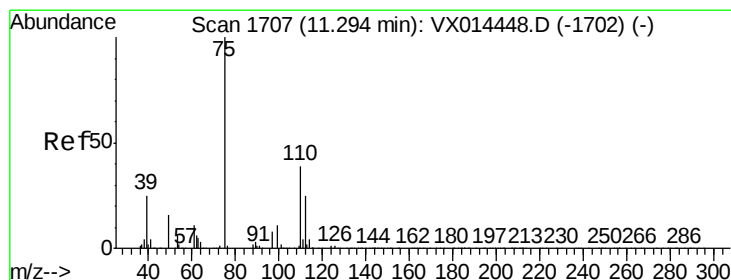
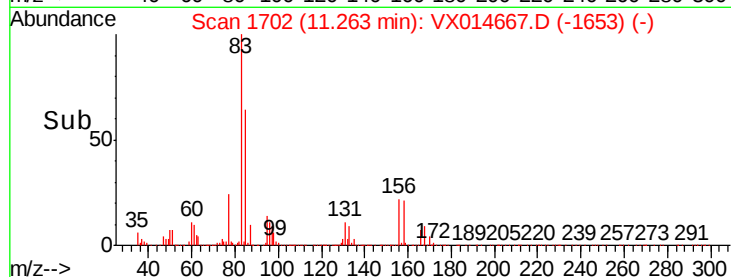
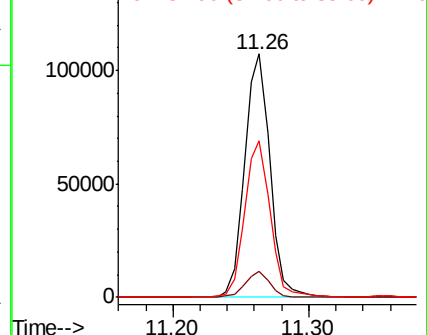
85 64.6 32.5 97.4



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: 27.414 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014667.D

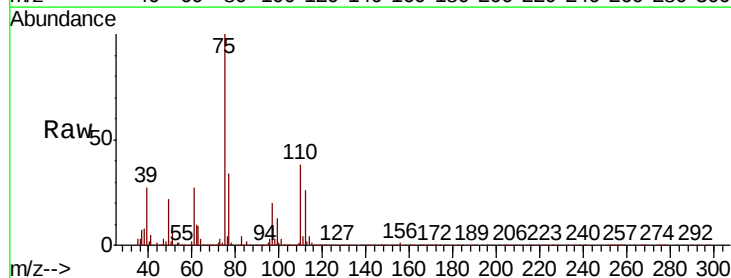
Acq: 20 Jan 2020 11:38

Tgt Ion: 75 Resp: 159387

Ion	Ratio	Lower	Upper
75	100		
77	31.7	21.9	65.7

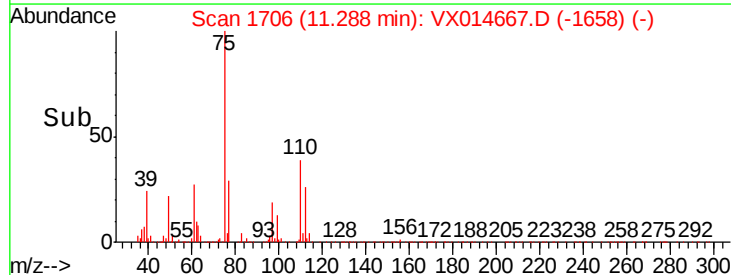
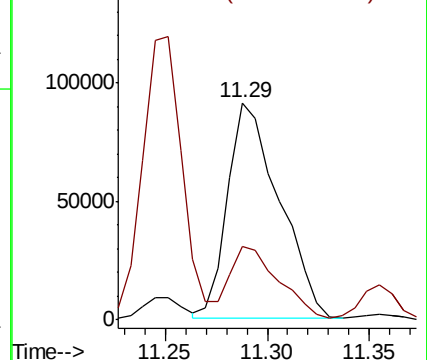
75 100

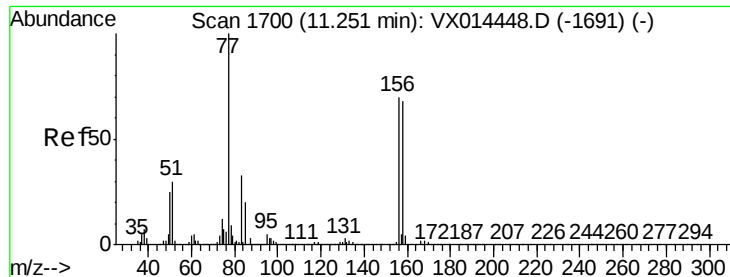
77 31.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.426 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

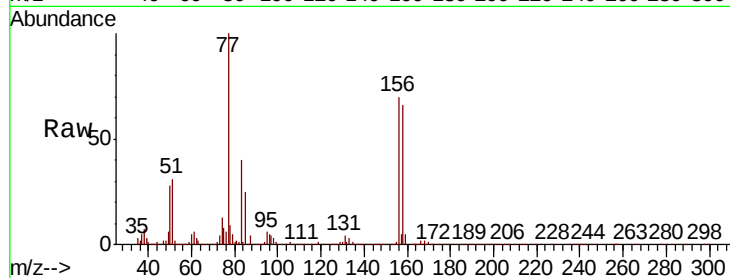
Tot Ion:156 Resp: 106302

Ion Ratio Lower Upper

156 100

77 153.7 75.4 226.3

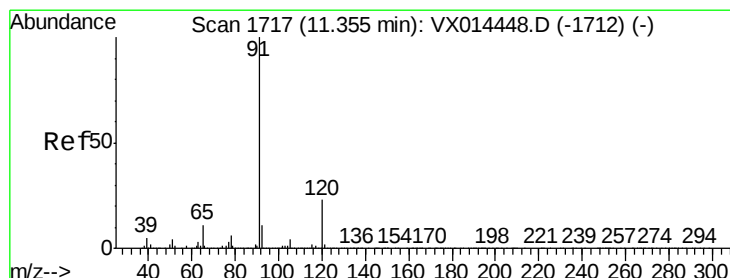
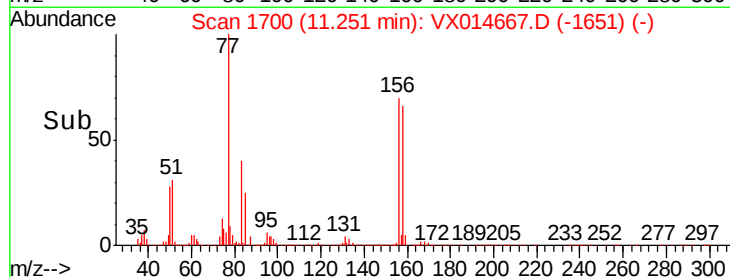
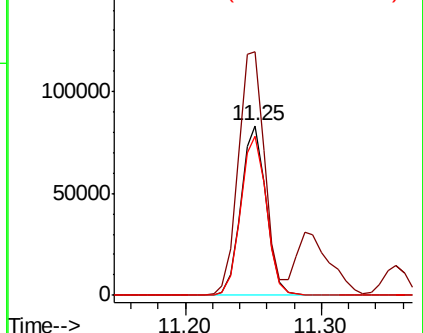
158 96.9 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.205 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014667.D

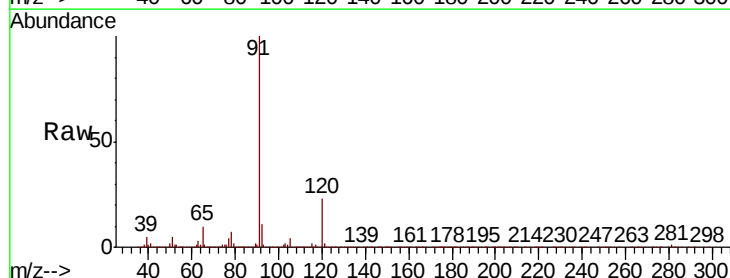
Acq: 20 Jan 2020 11:38

Tgt Ion: 91 Resp: 456616

Ion Ratio Lower Upper

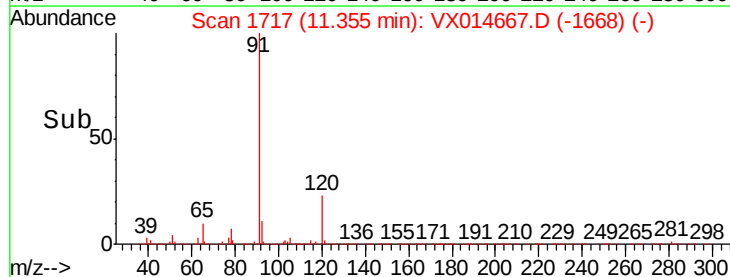
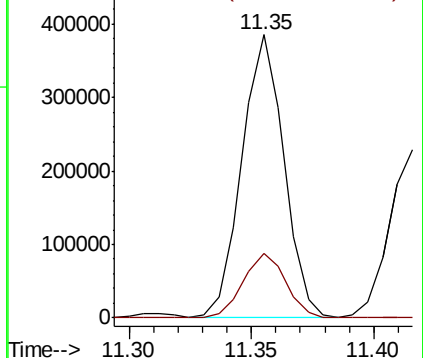
91 100

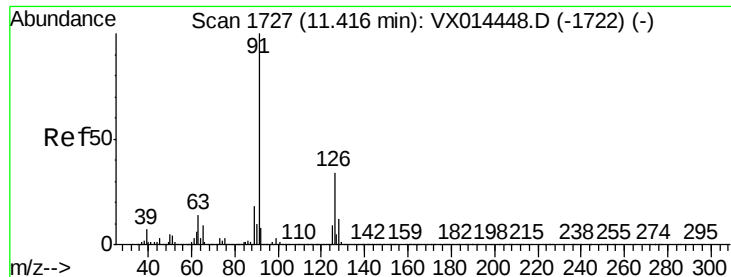
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

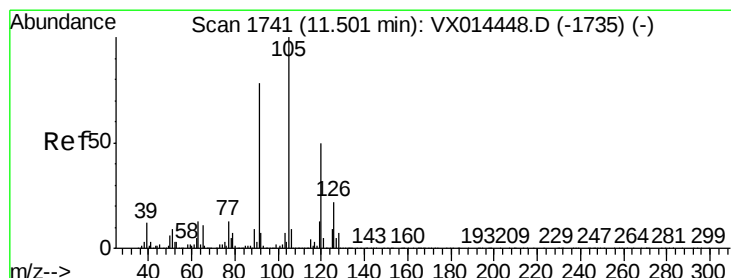
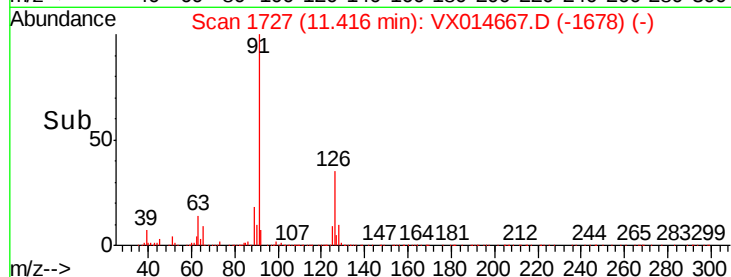
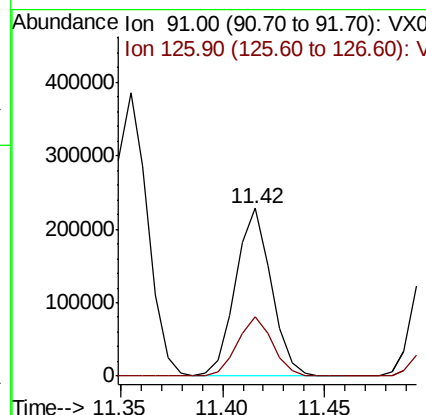
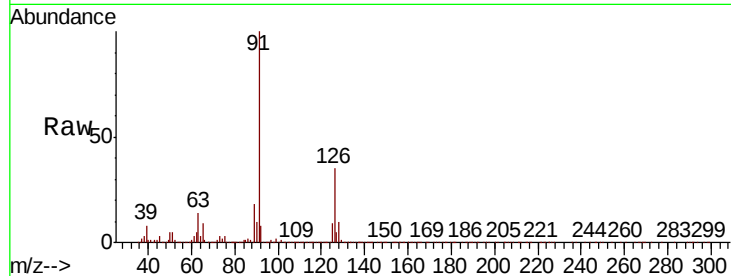




#79
 2-Chlorotoluene
 Concen: 20.371 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

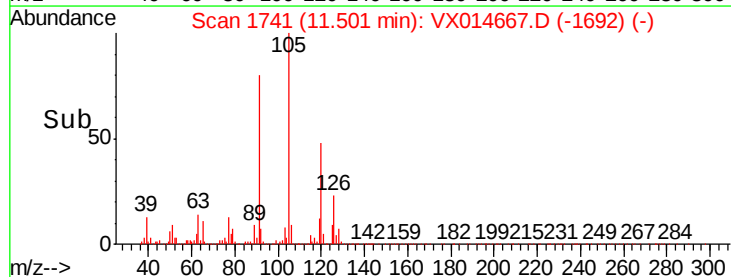
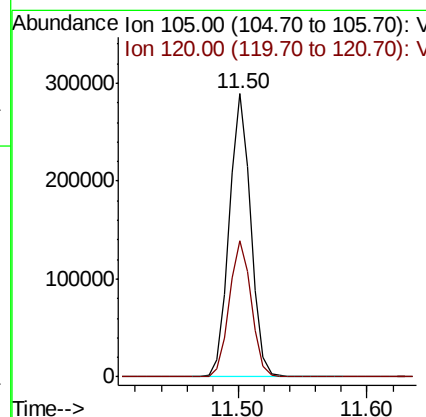
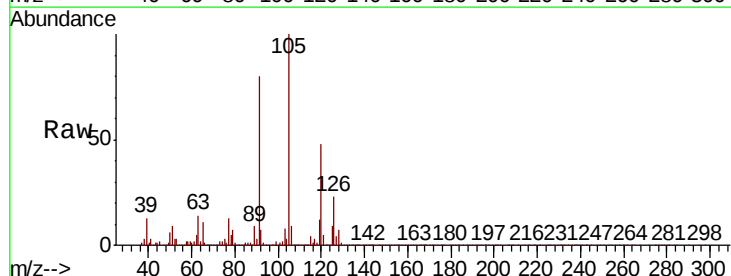
Instrument :
 MSVOA_X
 ClientSampled :

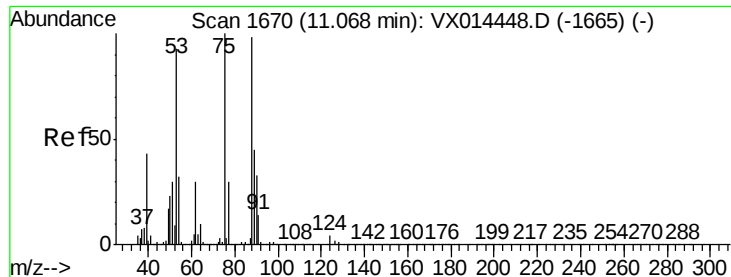
Tot Ion: 91 Resp: 274367
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.821 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion: 105 Resp: 341103
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.861 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

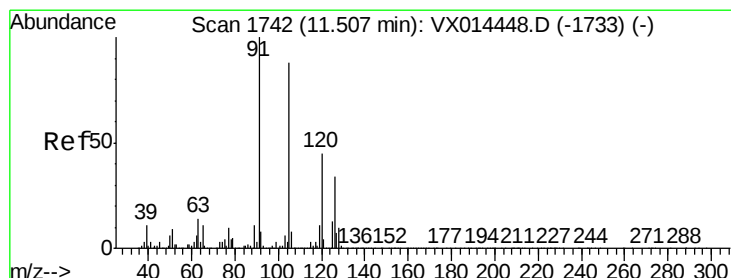
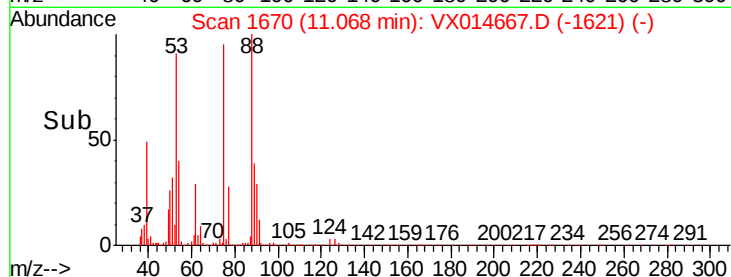
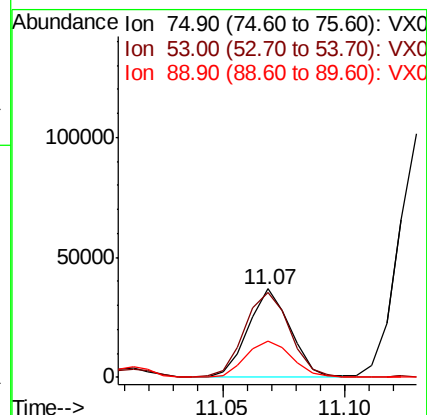
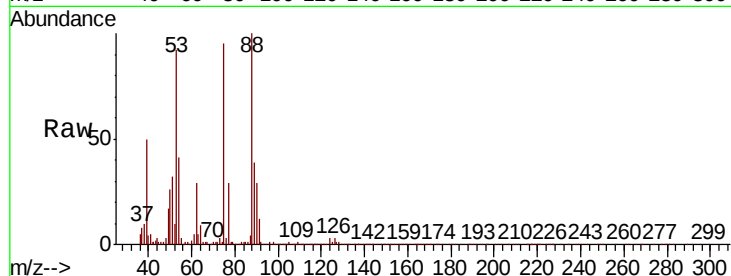
Tot Ion: 75 Resp: 43676

Ion Ratio Lower Upper

75 100

53 102.9 74.8 112.2

89 45.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.207 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014667.D

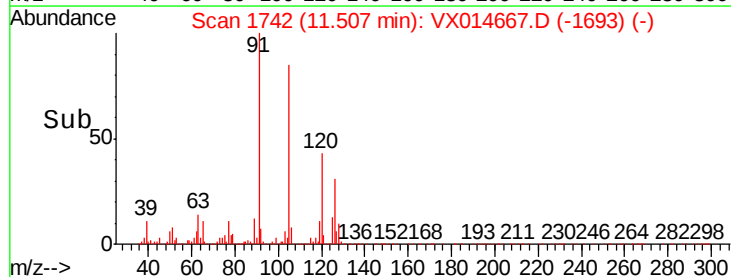
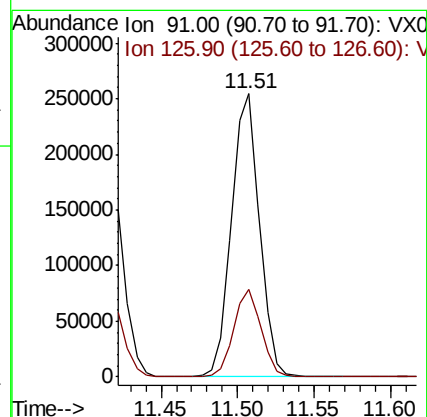
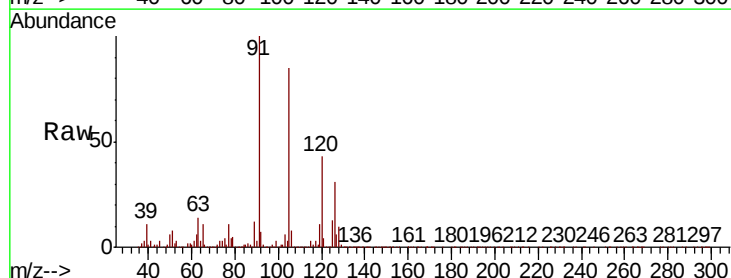
Acq: 20 Jan 2020 11:38

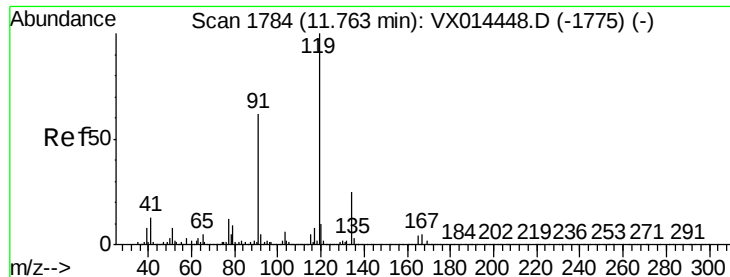
Tgt Ion: 91 Resp: 319466

Ion Ratio Lower Upper

91 100

126 30.3 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.521 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

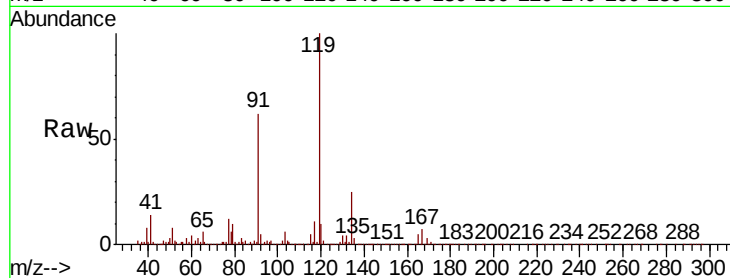
Tot Ion:119 Resp: 317650

Ion Ratio Lower Upper

119 100

91 58.3 29.3 88.0

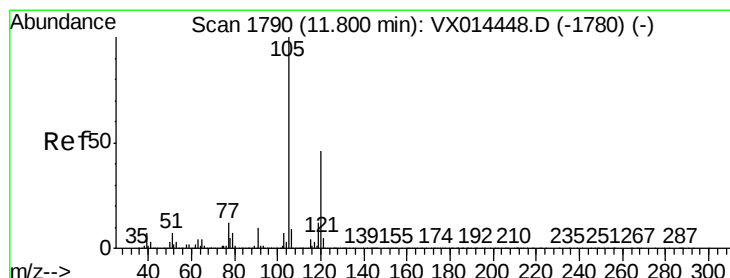
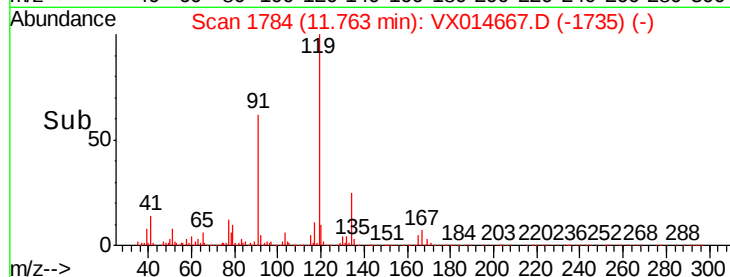
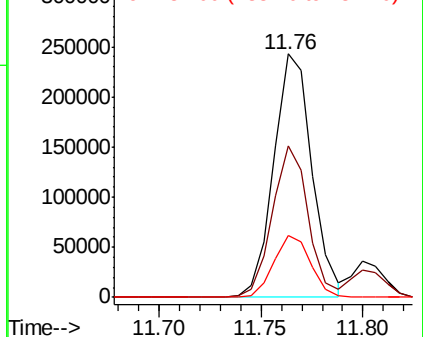
134 24.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.582 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014667.D

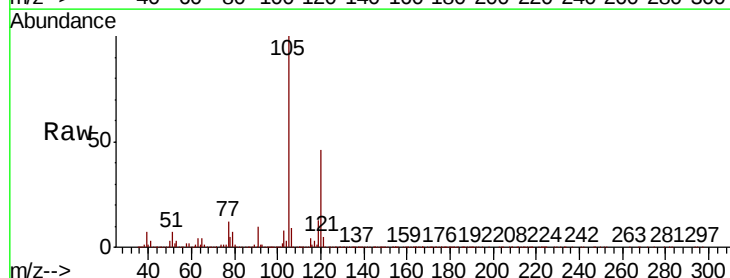
Acq: 20 Jan 2020 11:38

Tgt Ion:105 Resp: 340712

Ion Ratio Lower Upper

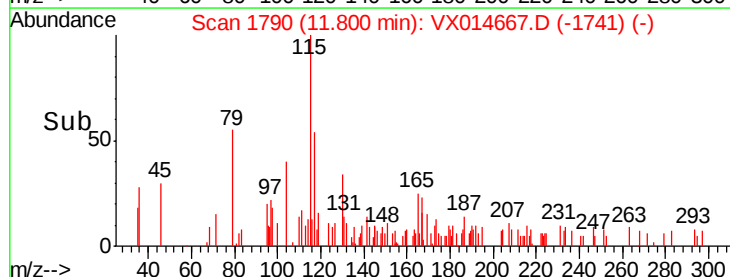
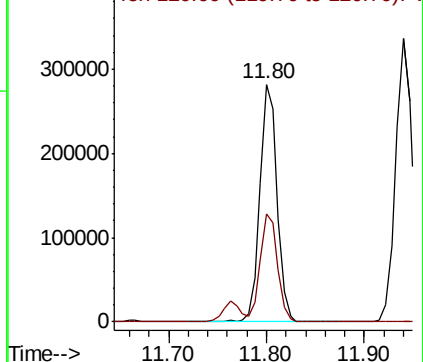
105 100

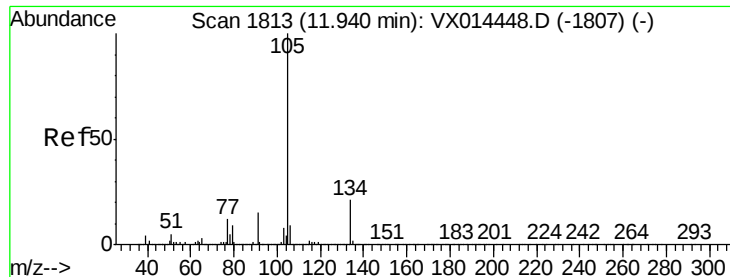
120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

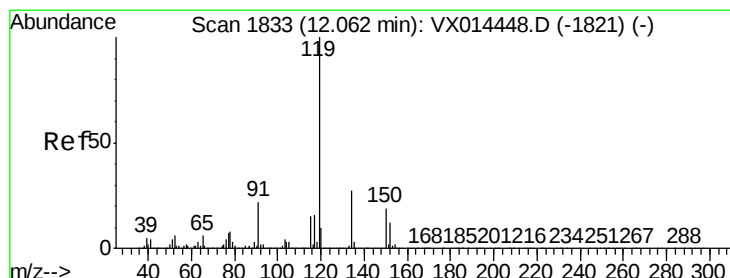
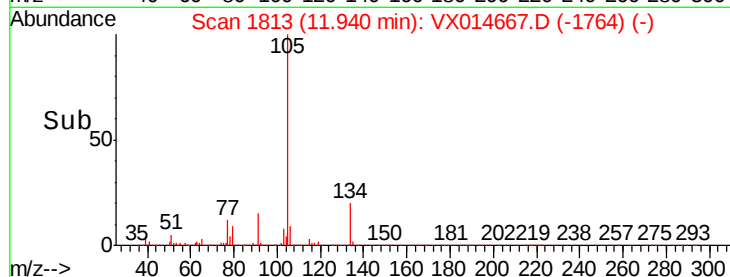
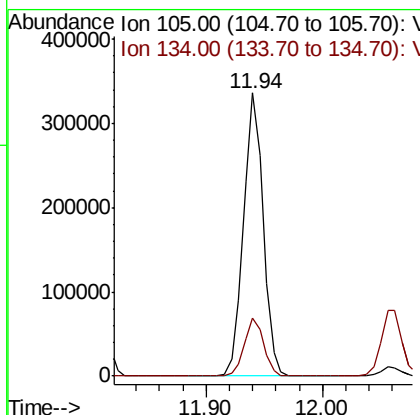
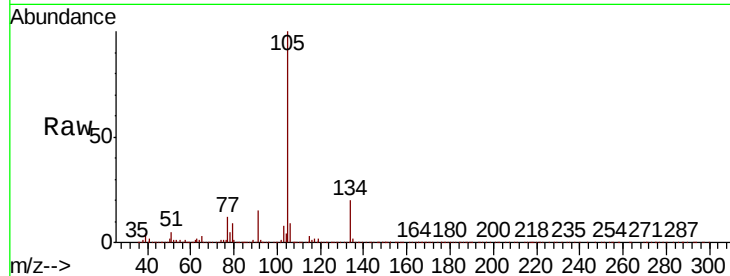




#85
 sec-Butylbenzene
 Concen: 20.596 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

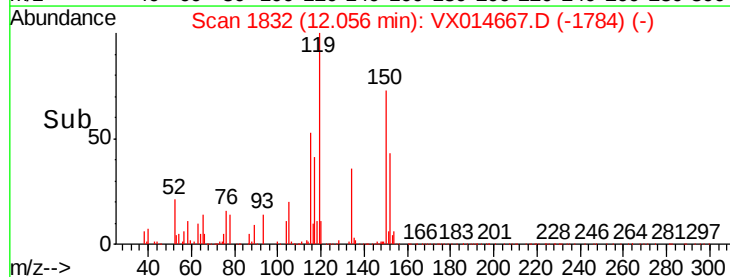
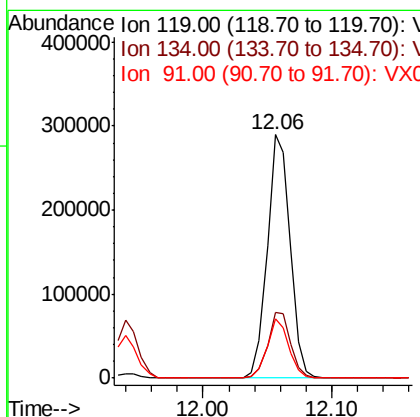
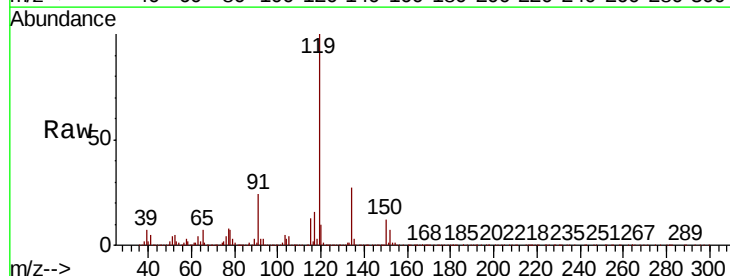
Instrument :
 MSVOA_X
 ClientSampleId :

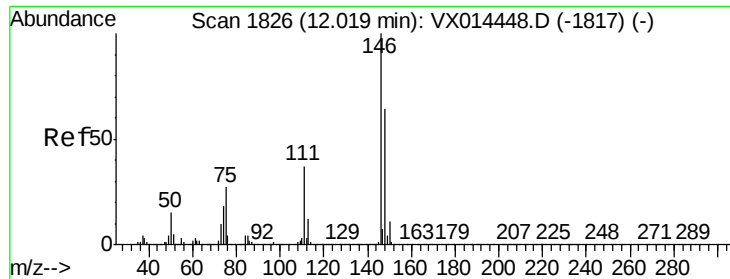
Tot Ion:105 Resp: 396342
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.984 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion:119 Resp: 356843
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.9 11.1 33.3

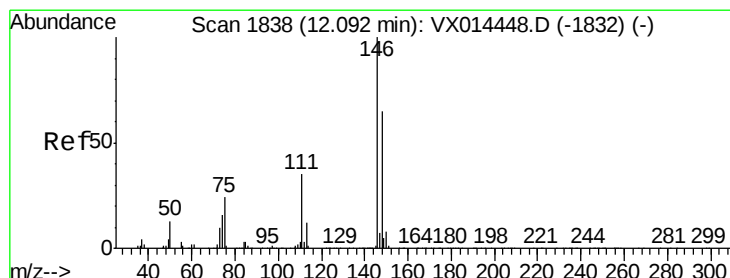
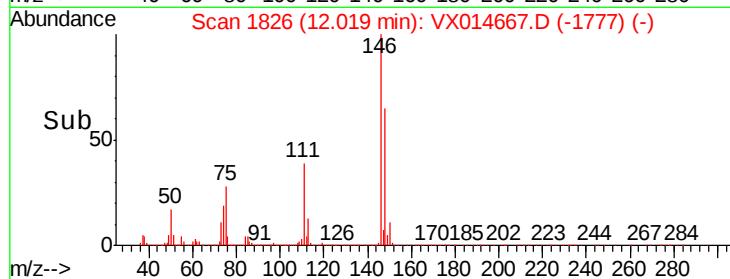
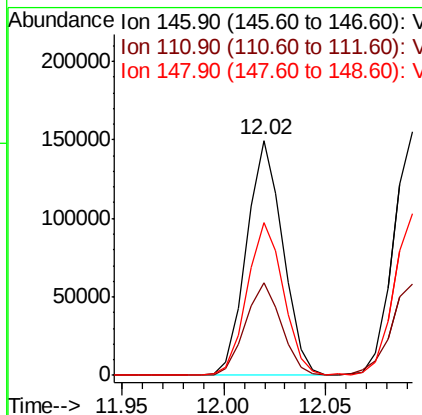
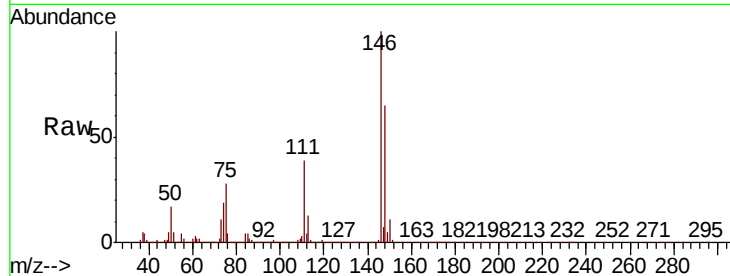




#87
 1,3-Dichlorobenzene
 Concen: 18.830 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

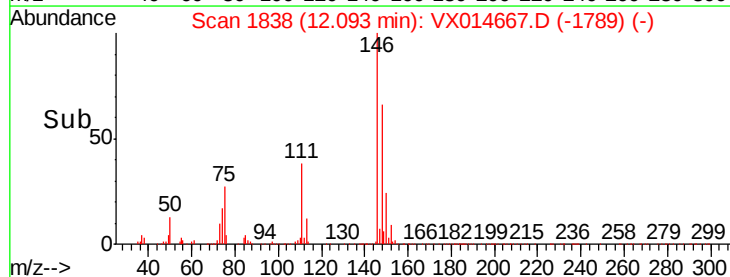
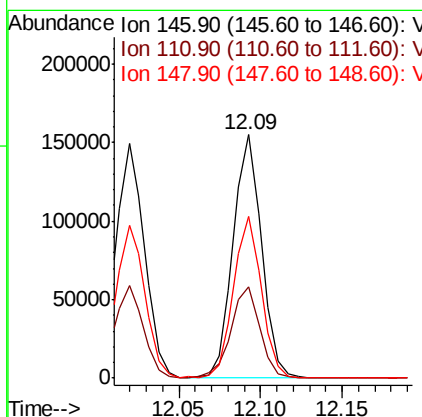
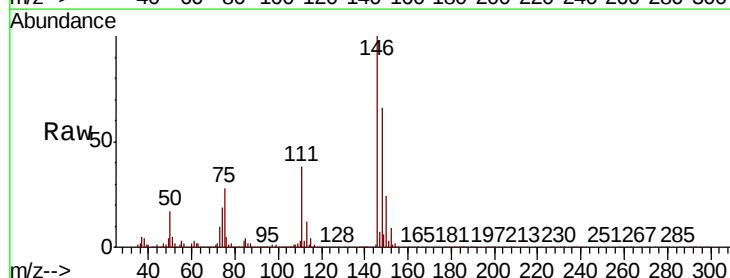
Instrument :
 MSVOA_X
 ClientSampleId :

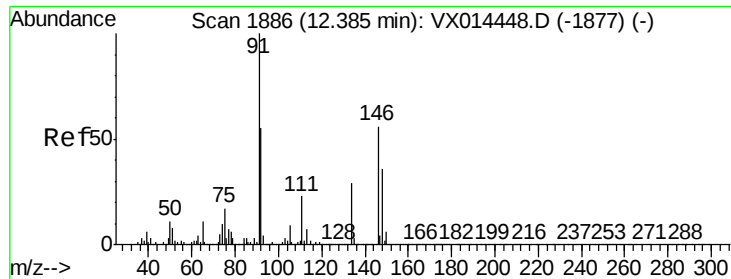
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.7
148	65.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.923 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	65.3	32.1	96.3

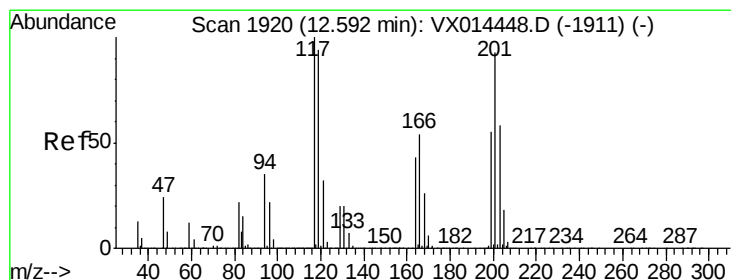
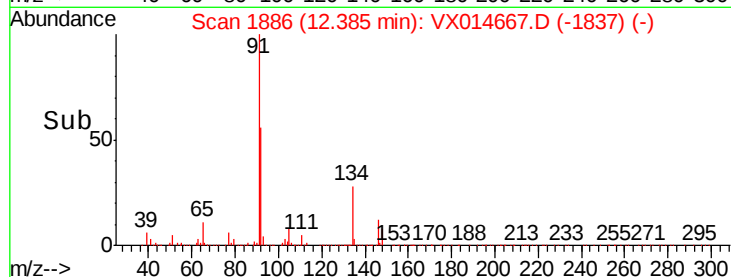
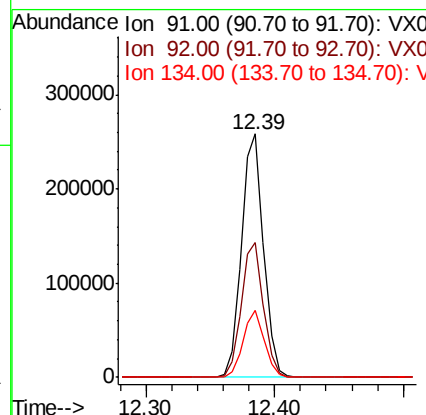
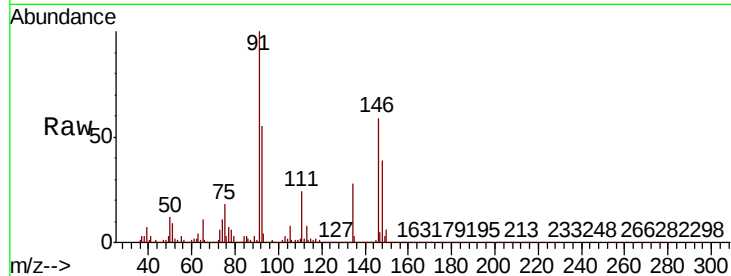




#89
n-Butylbenzene
Concen: 18.713 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

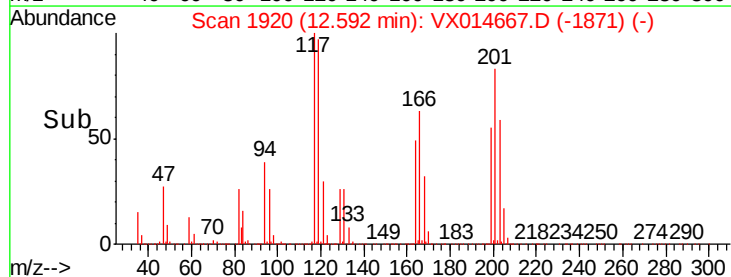
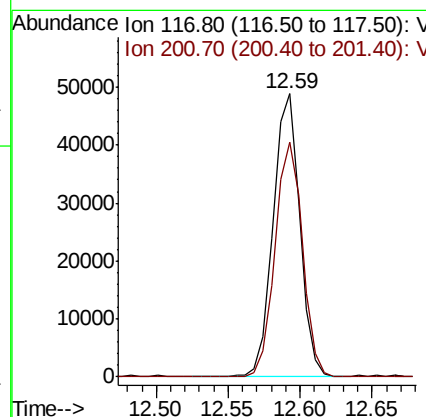
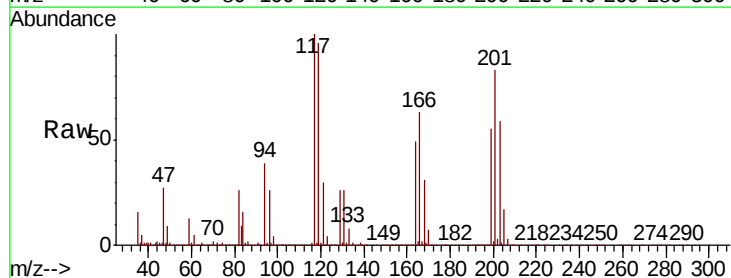
Instrument :
MSVOA_X
ClientSampleId :

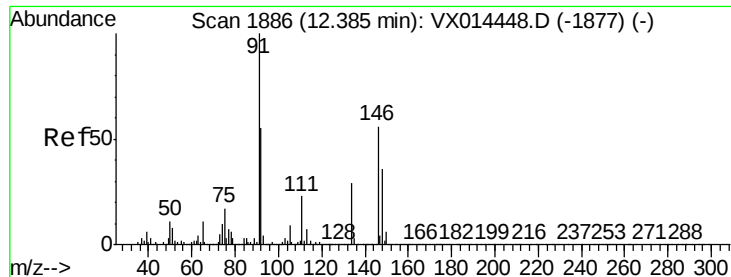
Tot Ion: 91 Resp: 305523
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.2
134 26.9 13.9 41.7



#90
Hexachloroethane
Concen: 19.904 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 117 Resp: 62432
Ion Ratio Lower Upper
117 100
201 85.9 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.643 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

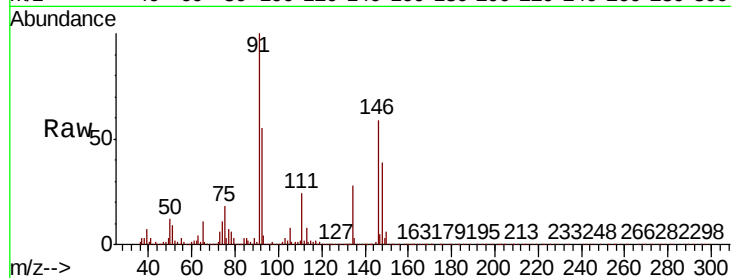
Tot Ion:146 Resp: 189006

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 63.5 32.3 96.8

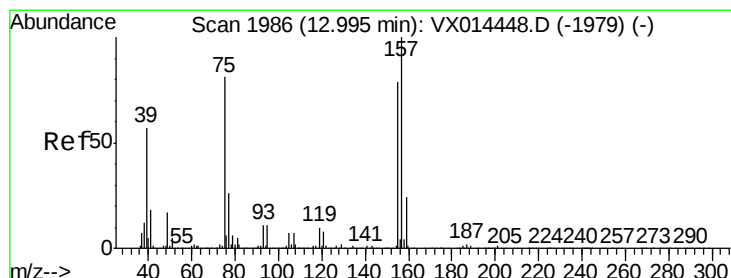
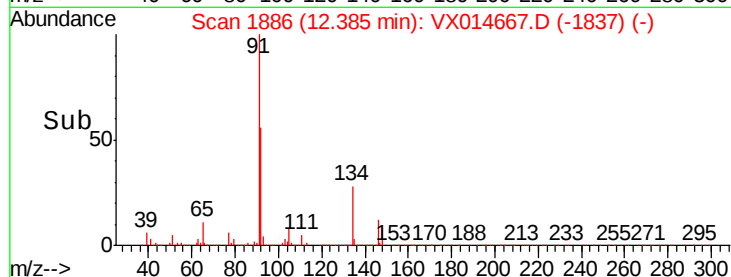
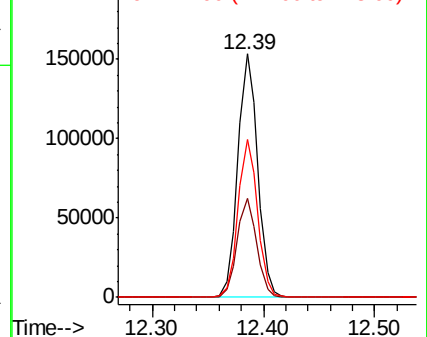


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.713 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

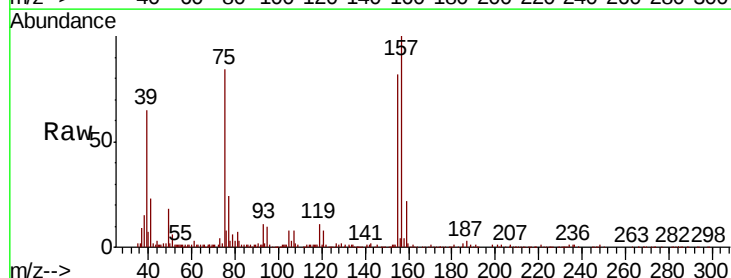
Tgt Ion: 75 Resp: 29484

Ion Ratio Lower Upper

75 100

155 94.8 48.7 146.1

157 119.6 62.0 185.9

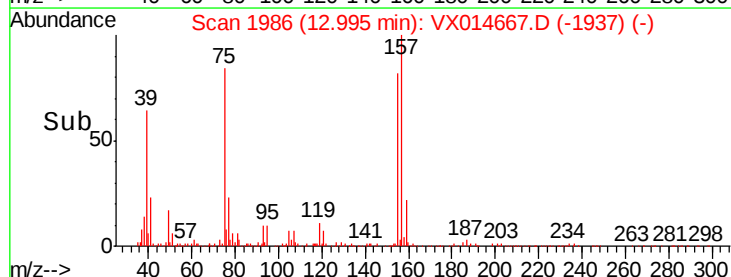
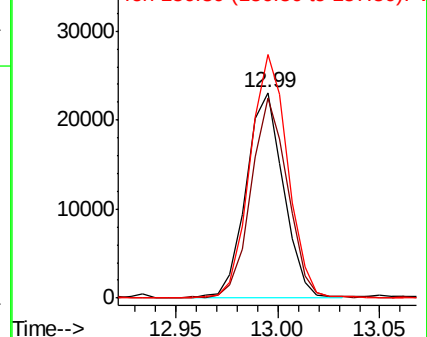


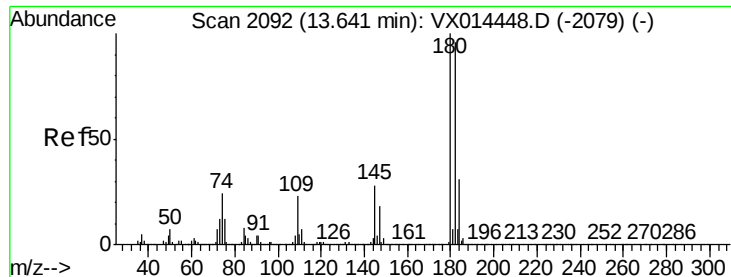
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

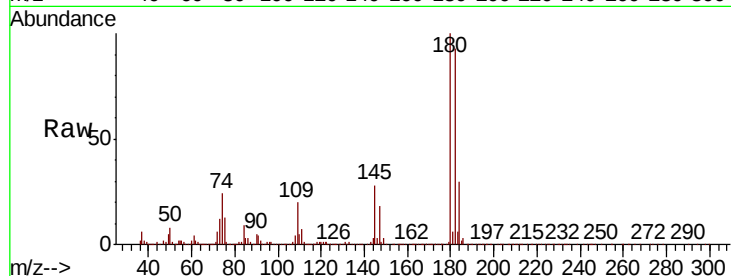




#93
 1,2,4-Trichlorobenzene
 Concen: 18.831 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.5
145	28.0	13.9	41.6

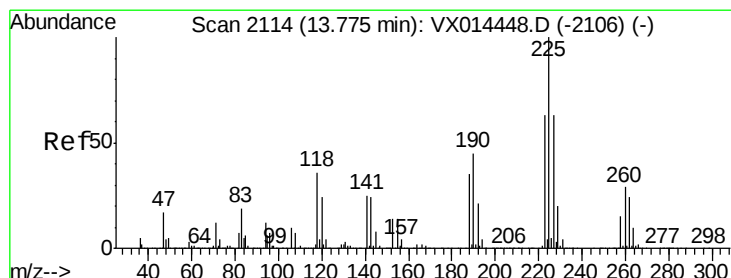
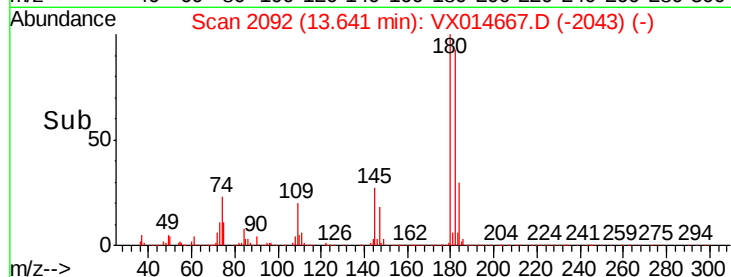
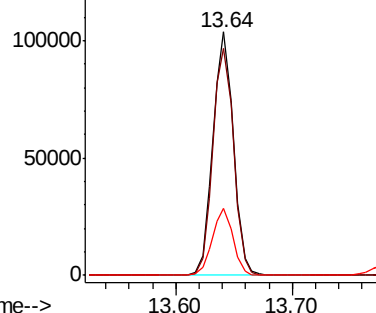


Abundance

Ion 179.80 (179.50 to 180.50): V

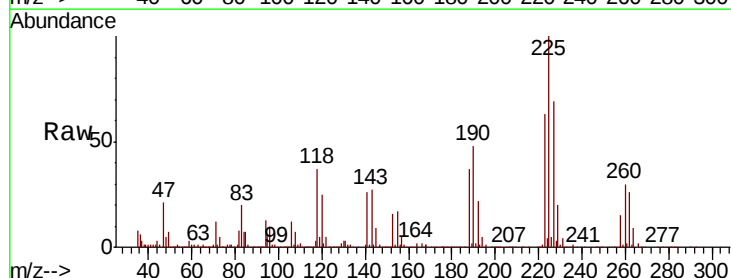
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.741 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.2
227	65.8	31.4	94.2

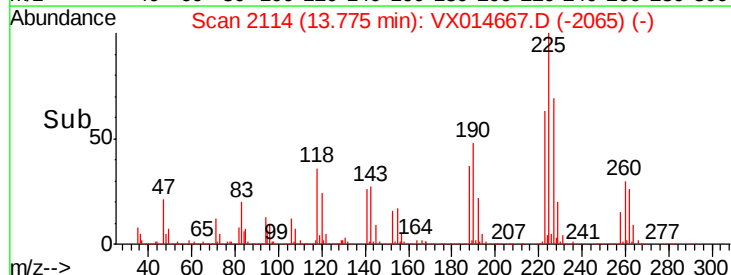
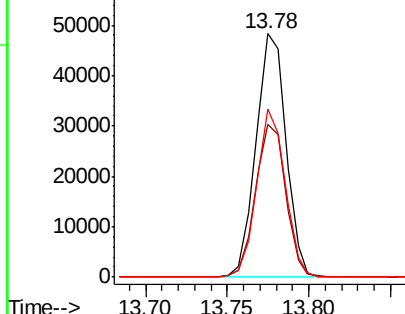


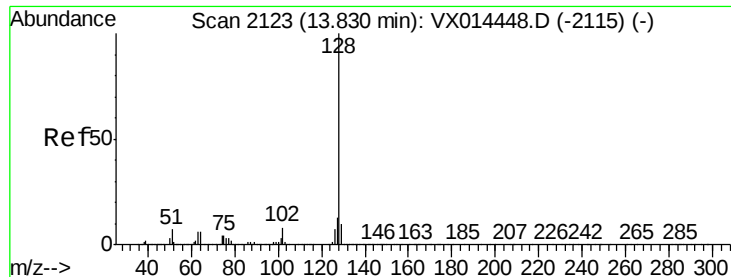
Abundance

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

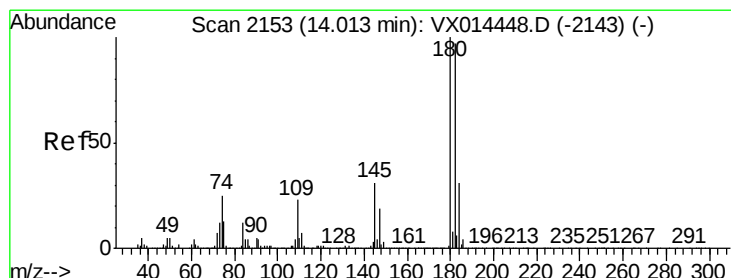
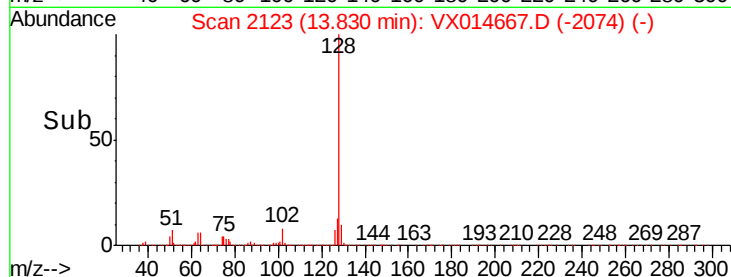
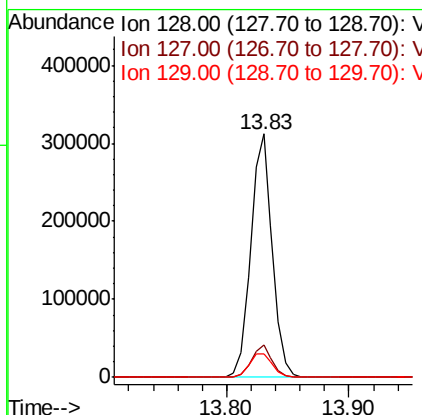
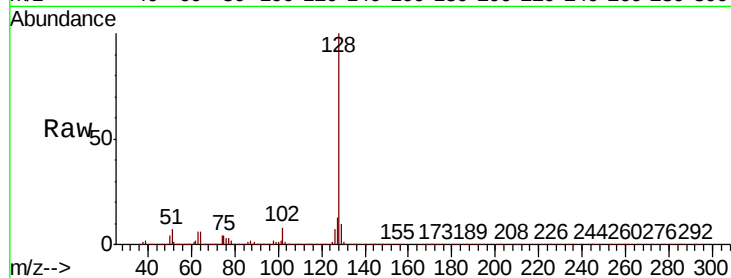




#95
Naphthalene
Concen: 18.135 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.229 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	30.8	14.8	44.3

