

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
 Data File : VX014447.D
 Acq On : 07 Jan 2020 14:21
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 15:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	812658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	374506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118938	19.44	ug/l	0.00
Spiked Amount			Recovery	=	38.88%	
35) Dibromofluoromethane	5.49	113	98398	19.95	ug/l	0.00
Spiked Amount			Recovery	=	39.90%	
50) Toluene-d8	8.71	98	383651	20.07	ug/l	0.00
Spiked Amount			Recovery	=	40.14%	
62) 4-Bromofluorobenzene	11.13	95	137321	19.65	ug/l	0.00
Spiked Amount			Recovery	=	39.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	131042	24.999	ug/l	96
3) Chloromethane	1.32	50	136567	20.565	ug/l	98
4) Vinyl Chloride	1.40	62	154742	21.612	ug/l	97
5) Bromomethane	1.64	94	91090	18.473	ug/l	94
6) Chloroethane	1.72	64	84513	19.628	ug/l	98
7) Trichlorofluoromethane	1.93	101	163000	18.913	ug/l	98
8) Diethyl Ether	2.18	74	75019	18.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97048	18.699	ug/l	99
10) Methyl Iodide	2.51	142	116572	18.377	ug/l	100
11) Tert butyl alcohol	3.02	59	127445	94.748	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98287	18.629	ug/l	99
13) Acrolein	2.28	56	97821	118.366	ug/l	97
14) Allyl chloride	2.72	41	177759	18.944	ug/l	99
15) Acrylonitrile	3.13	53	293461	94.136	ug/l	99
16) Acetone	2.43	43	308902	80.057	ug/l	99
17) Carbon Disulfide	2.56	76	270349	17.473	ug/l	100
18) Methyl Acetate	2.76	43	174909	21.351	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	329238	19.066	ug/l	100
20) Methylene Chloride	2.85	84	110745	17.515	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107630	18.579	ug/l	98
22) Diisopropyl ether	3.84	45	347277	18.613	ug/l	93
23) Vinyl Acetate	3.81	43	1351418	89.902	ug/l	98
24) 1,1-Dichloroethane	3.69	63	188657	18.166	ug/l	99
25) 2-Butanone	4.65	43	437499	89.819	ug/l	98
26) 2,2-Dichloropropane	4.58	77	154979	19.072	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	123620	18.889	ug/l	99
28) Bromochloromethane	5.01	49	80131	22.292	ug/l	99
29) Tetrahydrofuran	5.11	42	262662	94.614	ug/l	100
30) Chloroform	5.20	83	184013	18.710	ug/l	96
31) Cyclohexane	5.57	56	177507	19.059	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154057	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	141974	18.878	ug/l	99
37) Ethyl Acetate	4.82	43	162453	19.668	ug/l	99
38) Carbon Tetrachloride	5.78	117	132316	19.280	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181192	19.379	ug/l	99
40) Benzene	6.14	78	434239	18.835	ug/l	97
41) Methacrylonitrile	5.03	41	87954	19.145	ug/l	98
42) 1,2-Dichloroethane	6.19	62	151483	19.379	ug/l	100
43) Isopropyl Acetate	6.43	43	259768	18.976	ug/l	100
44) Trichloroethene	7.21	130	122048	18.981	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112438	19.033	ug/l	100
46) Dibromomethane	7.65	93	72528	18.506	ug/l	98
47) Bromodichloromethane	7.89	83	137929	18.709	ug/l	99
48) Methyl methacrylate	7.76	41	125447	18.725	ug/l	99
49) 1,4-Dioxane	7.73	88	53237	387.828	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	812206	94.788	ug/l	99
52) Toluene	8.78	92	273827	18.755	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158191	19.533	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	177234	19.647	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110243	18.868	ug/l	98
56) Ethyl methacrylate	9.17	69	174310	19.038	ug/l	99
57) 1,3-Dichloropropane	9.37	76	188880	19.296	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	308348	91.195	ug/l	99
59) 2-Hexanone	9.48	43	646143	94.284	ug/l	100
60) Dibromochloromethane	9.57	129	111710	19.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116756	19.530	ug/l	99
64) Tetrachloroethene	9.33	164	137053	20.474	ug/l	99
65) Chlorobenzene	10.14	112	294731	18.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	107983	19.250	ug/l	99
67) Ethyl Benzene	10.25	91	515682	19.135	ug/l	98
68) m/p-Xylenes	10.36	106	397017	38.235	ug/l	99
69) o-Xylene	10.70	106	191767	18.913	ug/l	98
70) Styrene	10.71	104	326887	19.049	ug/l	99
71) Bromoform	10.85	173	84428	18.657	ug/l #	100
73) Isopropylbenzene	11.01	105	511012	19.304	ug/l	100
74) N-amyl acetate	10.89	43	220473	17.941	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158809	17.583	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	194781	24.512	ug/l	79
77) Bromobenzene	11.25	156	131954	18.094	ug/l	99
78) n-propylbenzene	11.35	91	578208	19.475	ug/l	100
79) 2-Chlorotoluene	11.42	91	342947	19.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	423196	19.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54706	18.866	ug/l	96
82) 4-Chlorotoluene	11.51	91	394312	18.843	ug/l	99
83) tert-Butylbenzene	11.76	119	388401	18.062	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	426921	19.180	ug/l	100
85) sec-Butylbenzene	11.94	105	492975	19.241	ug/l	99
86) p-Isopropyltoluene	12.06	119	455776	19.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239114	18.689	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	239878	18.385	ug/l	98
89) n-Butylbenzene	12.39	91	399767	19.868	ug/l	99
90) Hexachloroethane	12.59	117	77408	18.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	236277	18.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36180	17.814	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

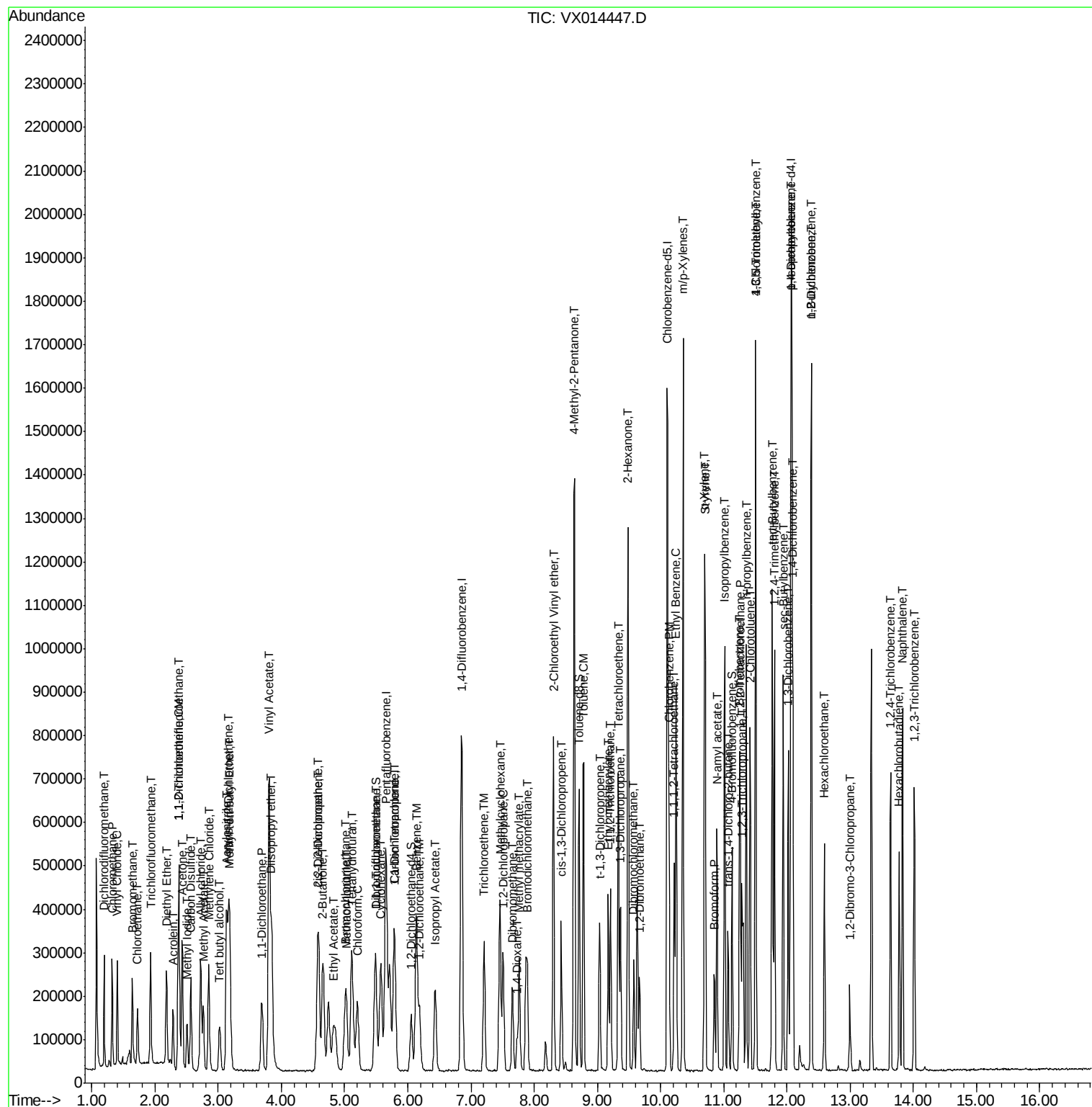
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	171309	20.149	ug/l	98
94) Hexachlorobutadiene	13.78	225	77750	19.048	ug/l	94
95) Naphthalene	13.83	128	515828	20.733	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	167085	19.997	ug/l	100

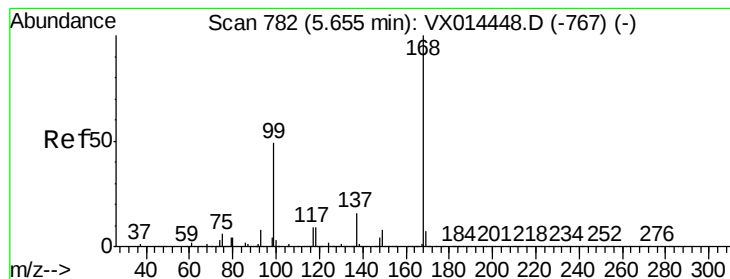
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010720\
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Quant Time: Jan 07 15:25:32 2020
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

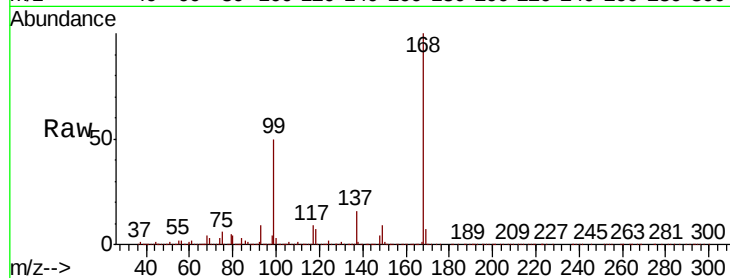
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 542244

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

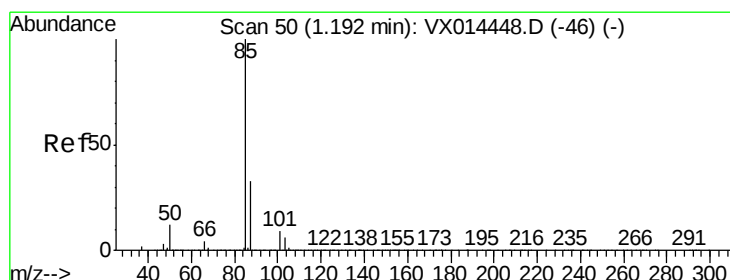
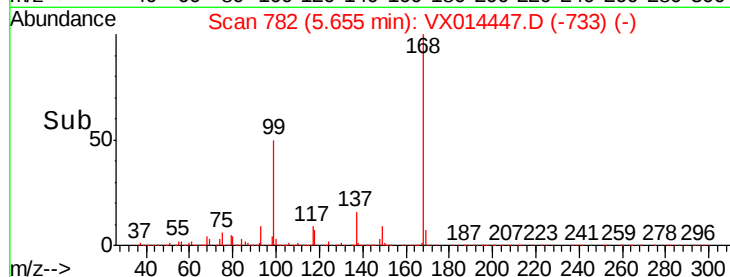
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 24.999 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014447.D

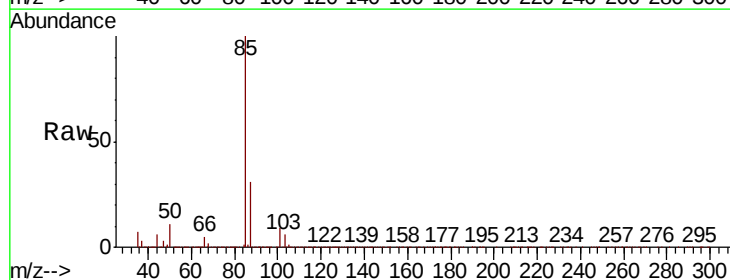
Acq: 07 Jan 2020 14:21

Tgt Ion: 85 Resp: 131042

Ion Ratio Lower Upper

85 100

87 31.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

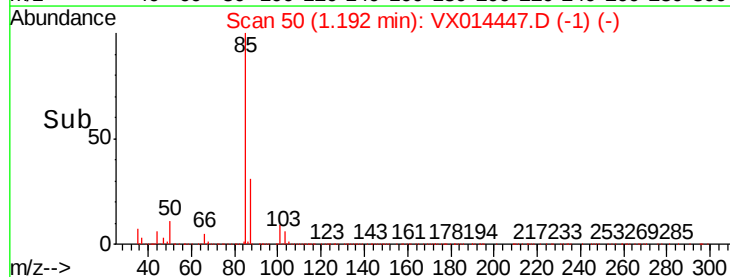
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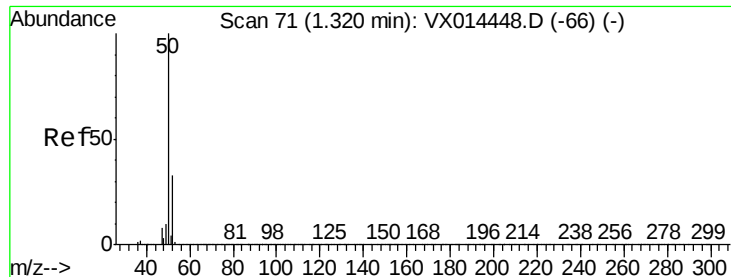
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.565 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

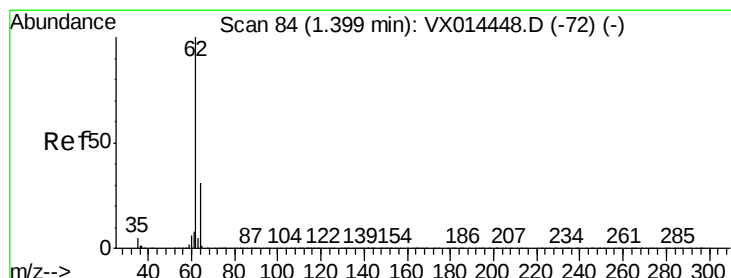
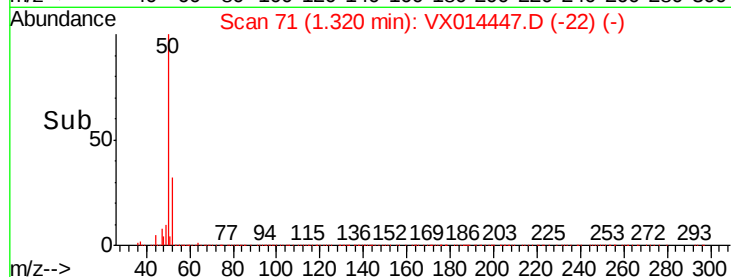
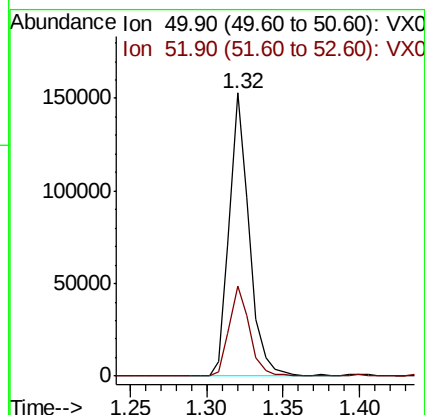
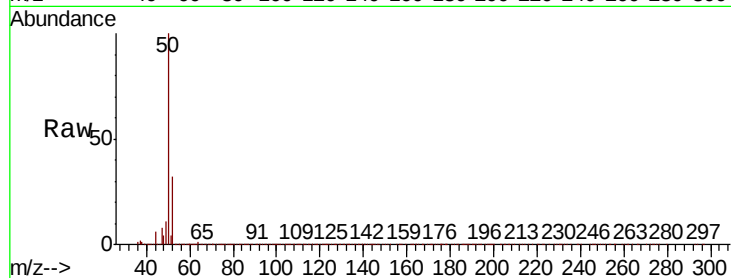
ClientSampleId :

Tot Ion: 50 Resp: 136567

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 21.612 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014447.D

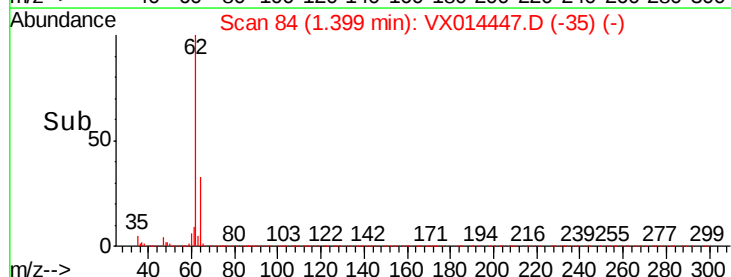
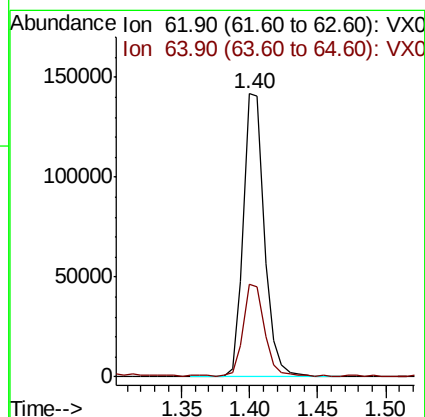
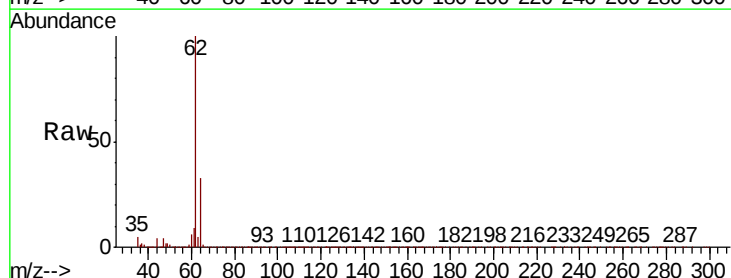
Acq: 07 Jan 2020 14:21

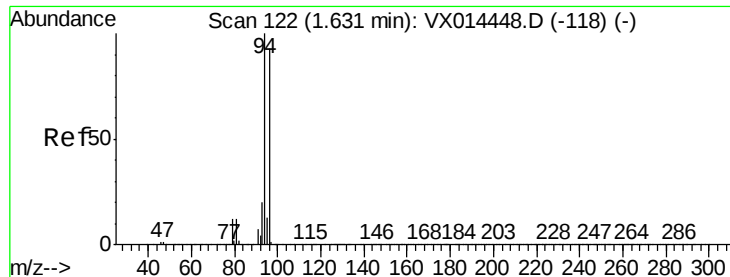
Tgt Ion: 62 Resp: 154742

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 18.473 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

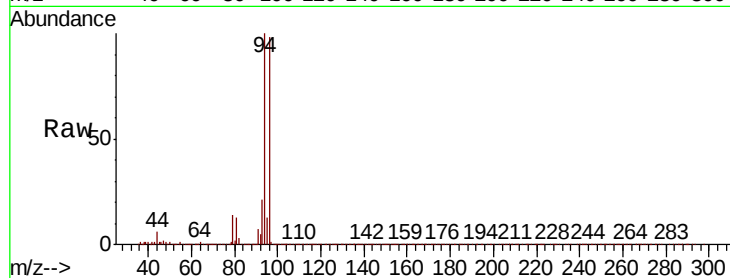
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 91090

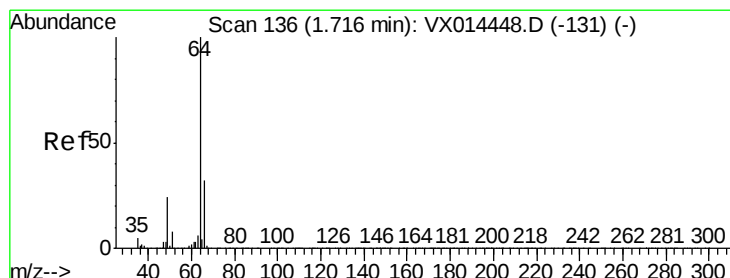
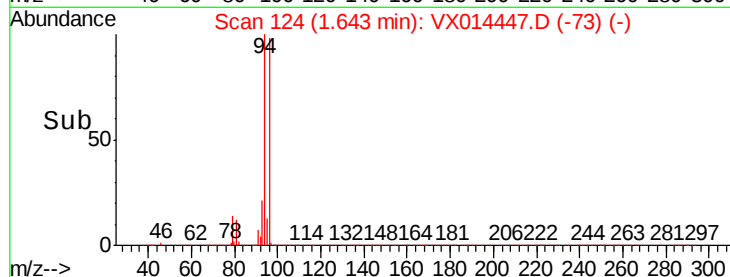
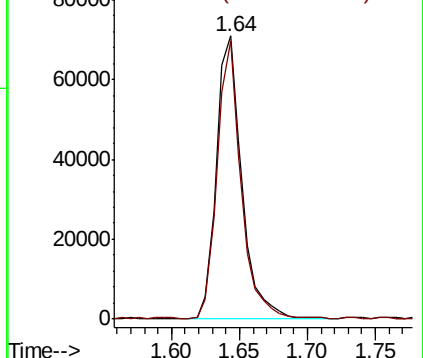
Ion Ratio Lower Upper

94 100

96 98.1 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.628 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014447.D

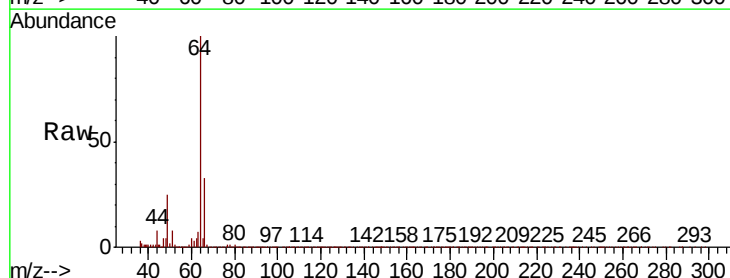
Acq: 07 Jan 2020 14:21

Tgt Ion: 64 Resp: 84513

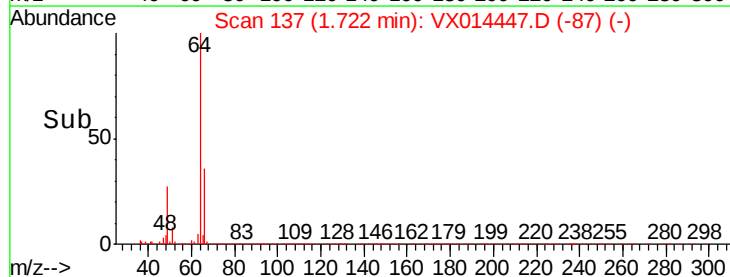
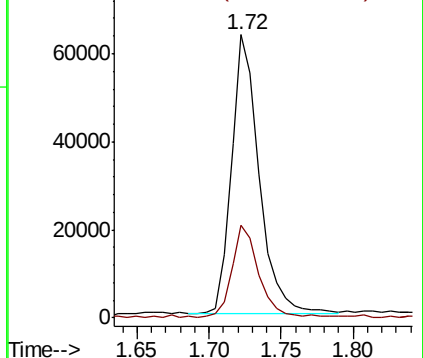
Ion Ratio Lower Upper

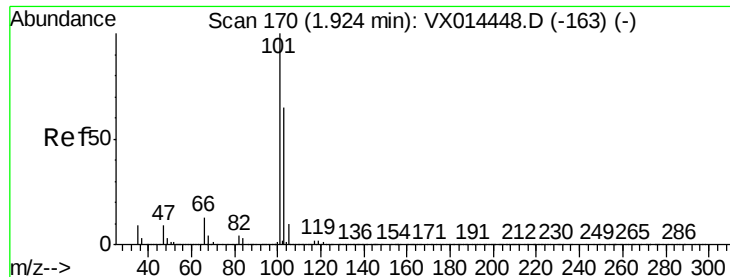
64 100

66 32.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



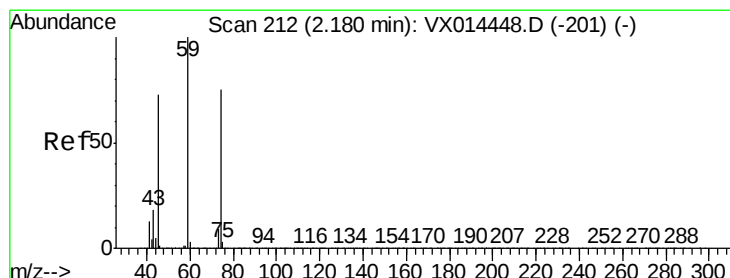
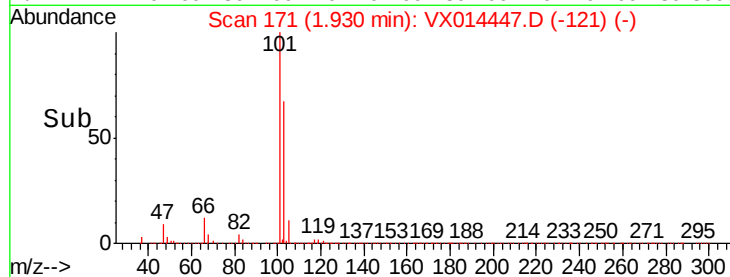
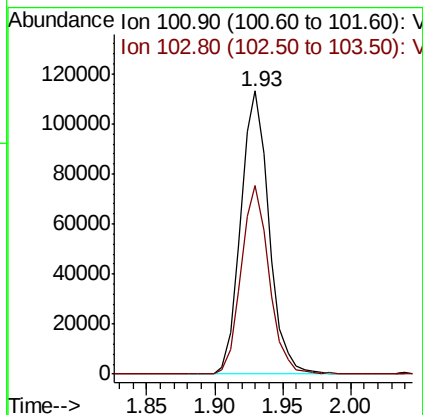
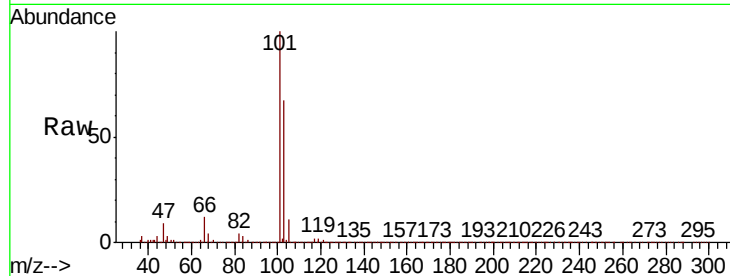


#7

Trichlorofluoromethane
Concen: 18.913 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

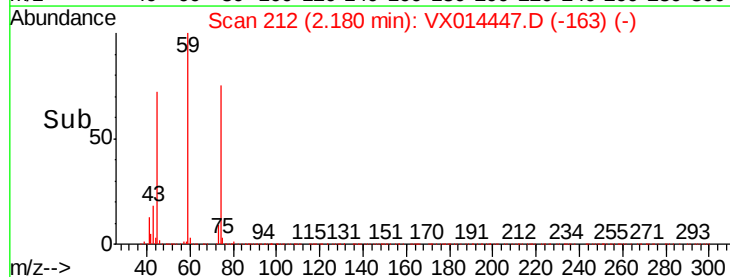
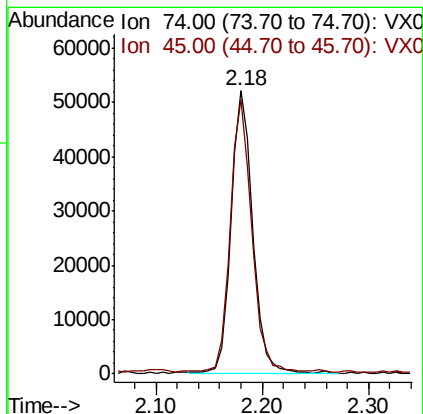
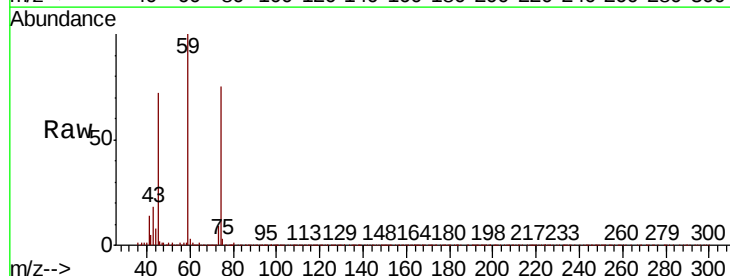
Tot Ion:101 Resp: 163000
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.4

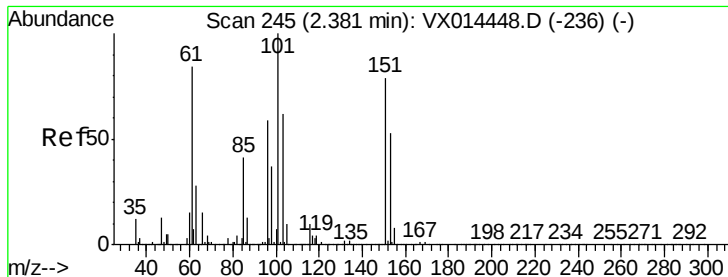


#8

Diethyl Ether
Concen: 18.721 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 74 Resp: 75019
Ion Ratio Lower Upper
74 100
45 93.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.699 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

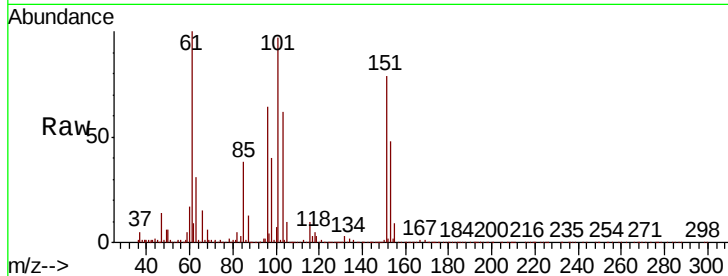
Tot Ion:101 Resp: 97048

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.8

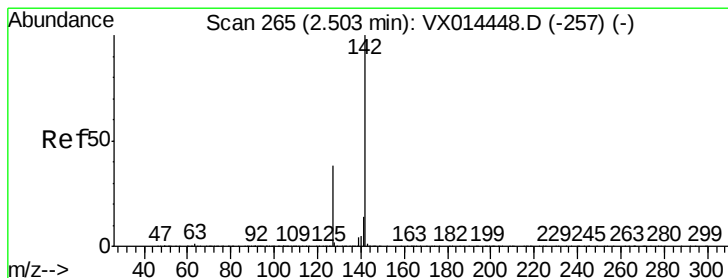
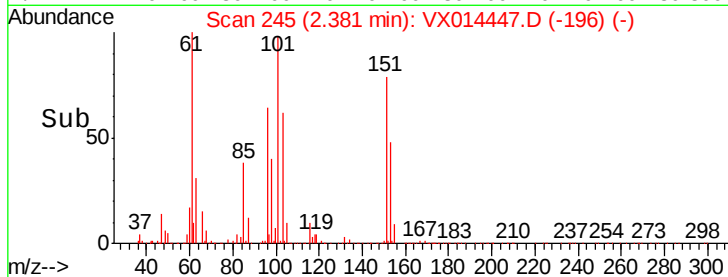
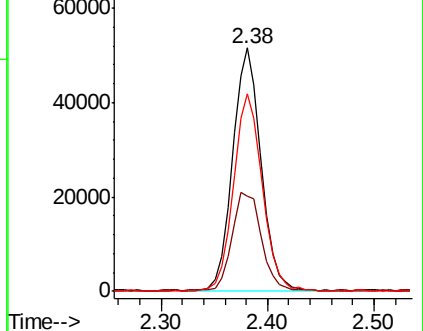
151 82.1 65.3 97.9



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: 18.377 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

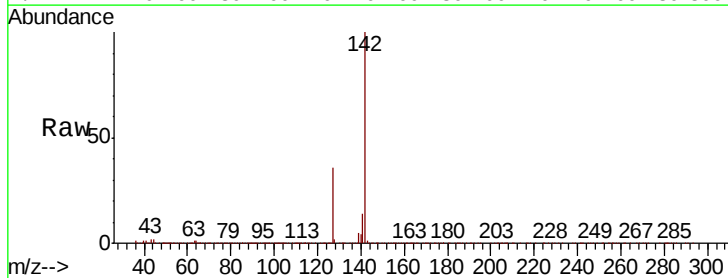
Tgt Ion:142 Resp: 116572

Ion Ratio Lower Upper

142 100

127 38.9 31.2 46.8

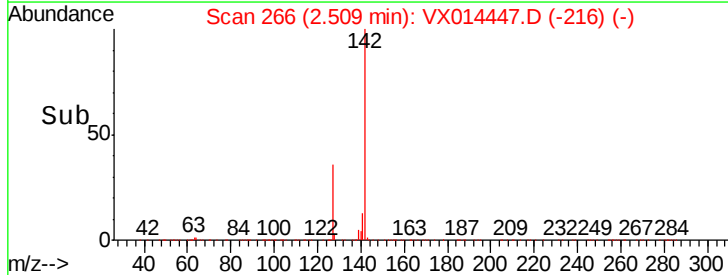
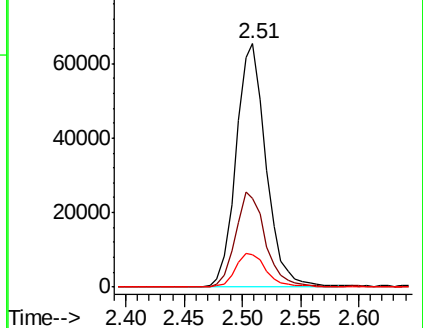
141 14.0 11.4 17.2

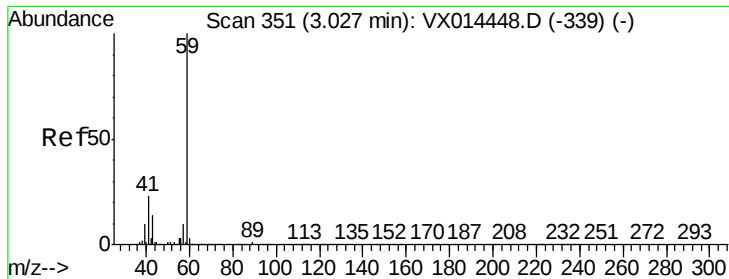


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



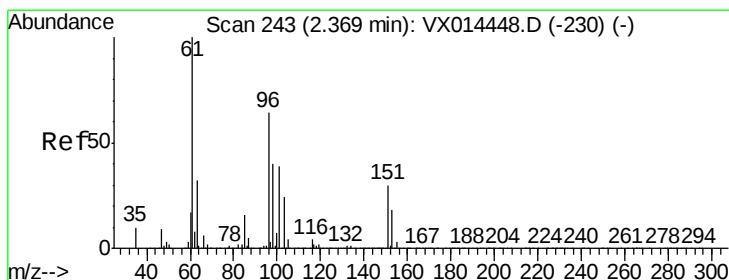
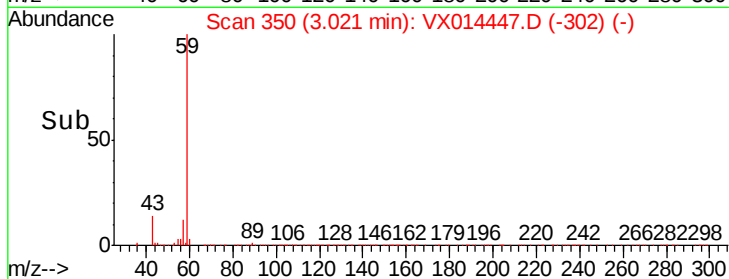
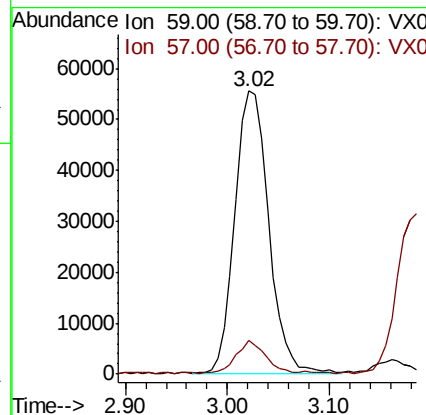
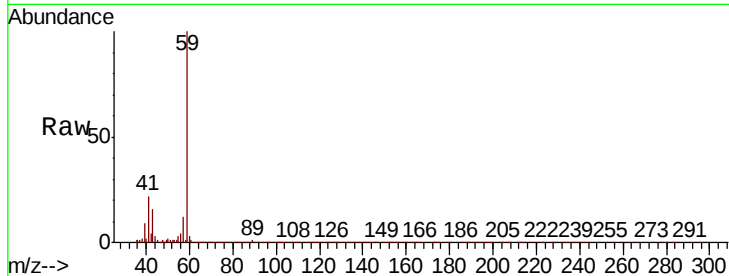


#11

Tert butyl alcohol
 Concen: 94.748 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :

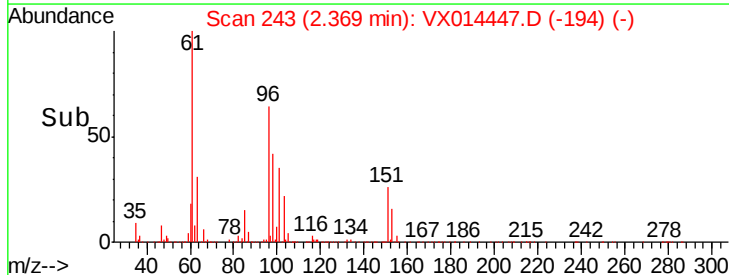
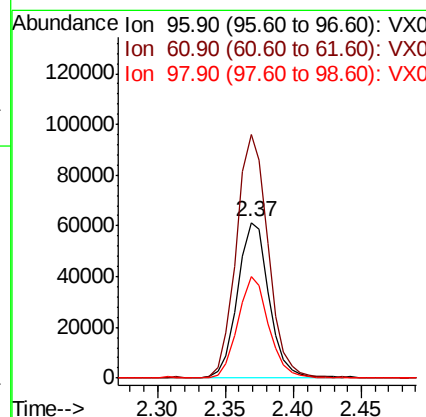
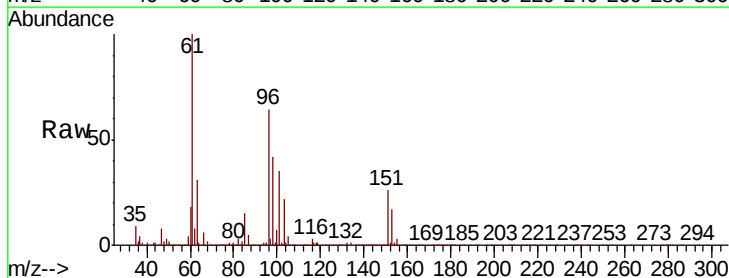
Tot Ion: 59 Resp: 127445
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

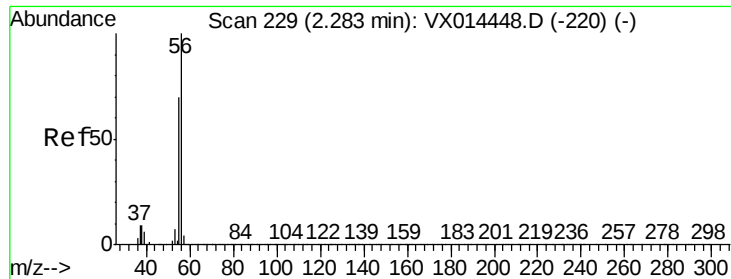


#12

1,1-Dichloroethene
 Concen: 18.629 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion: 96 Resp: 98287
 Ion Ratio Lower Upper
 96 100
 61 156.4 125.0 187.6
 98 65.3 50.2 75.2

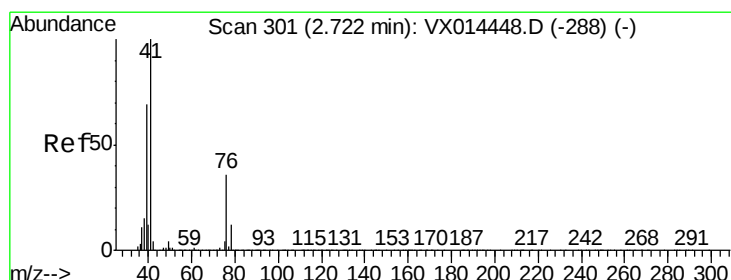
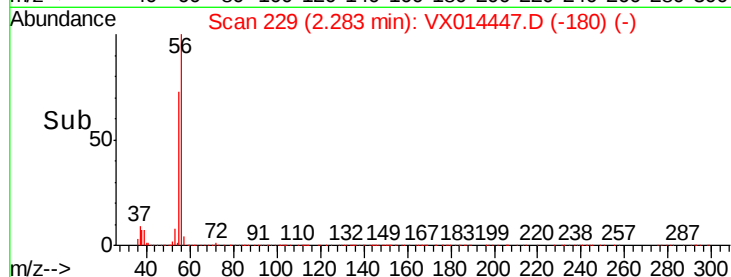
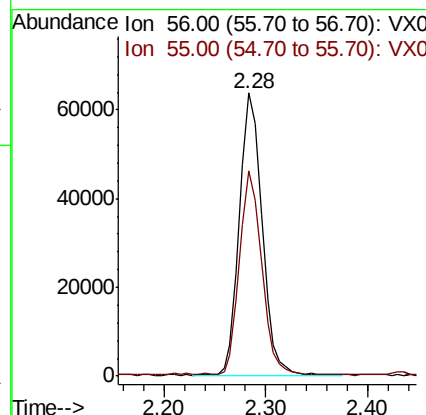
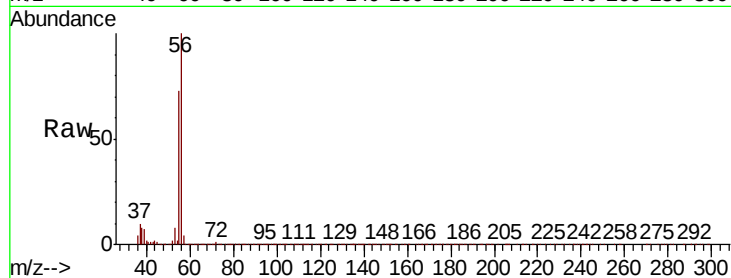




#13
Acrolein
Concen: 118.366 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

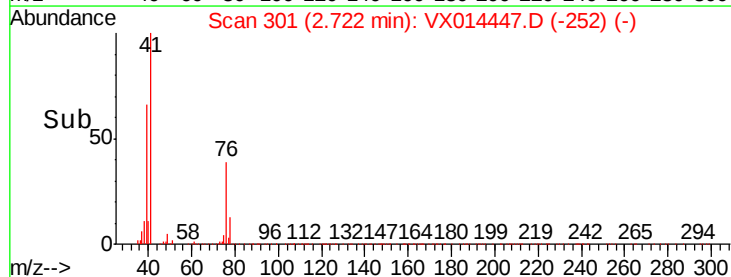
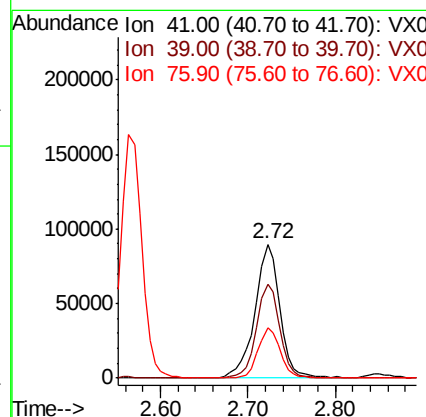
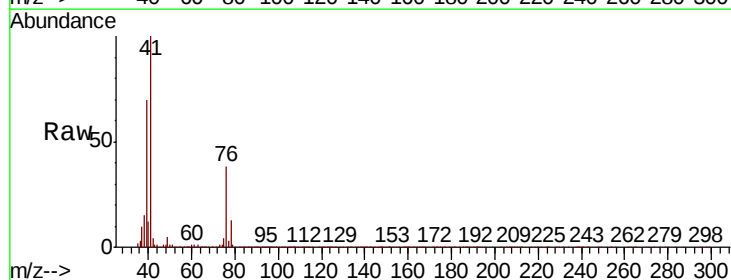
Instrument :
MSVOA_X
ClientSampleId :

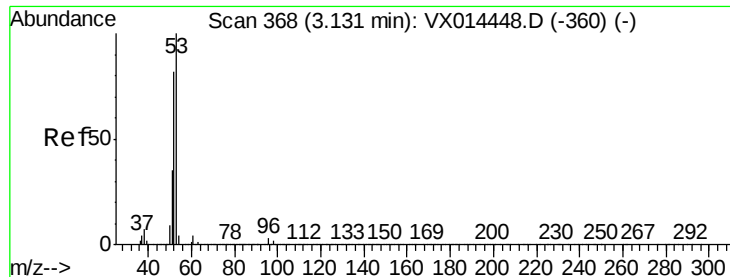
Tot Ion: 56 Resp: 97821
Ion Ratio Lower Upper
56 100
55 71.0 55.0 82.6



#14
Allyl chloride
Concen: 18.944 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 41 Resp: 177759
Ion Ratio Lower Upper
41 100
39 64.3 51.7 77.5
76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 94.136 ug/l

RT: 3.13 min Scan# 368

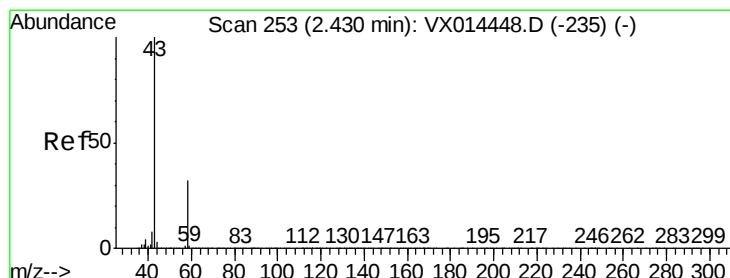
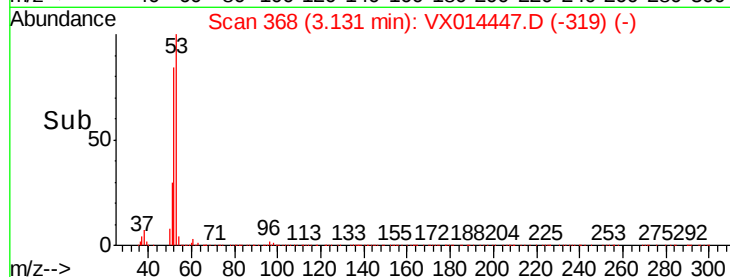
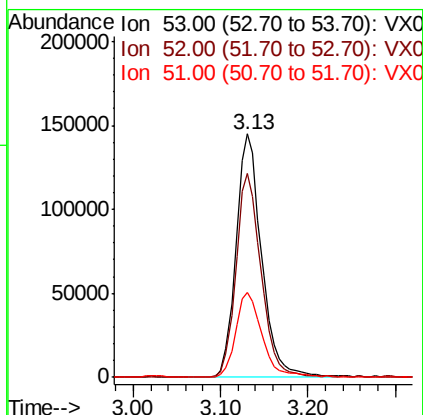
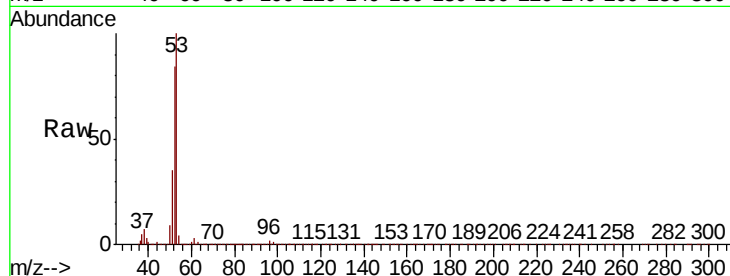
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	293461
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.0	100.4
51	35.8	28.5	42.7



#16

Acetone

Concen: 80.057 ug/l

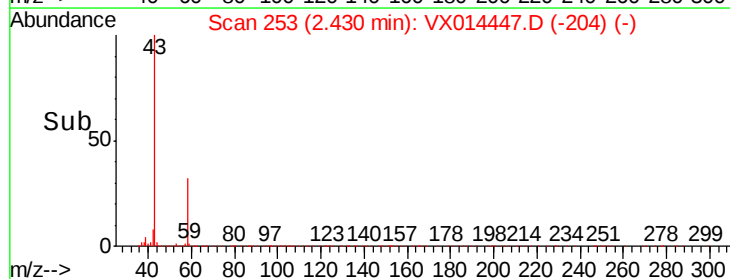
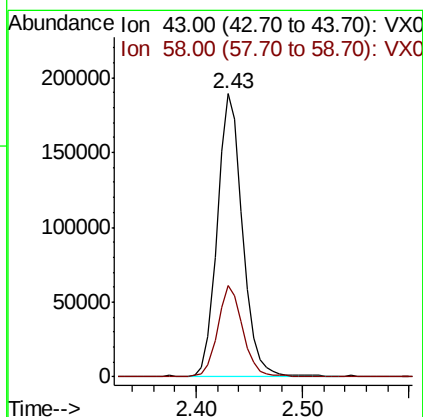
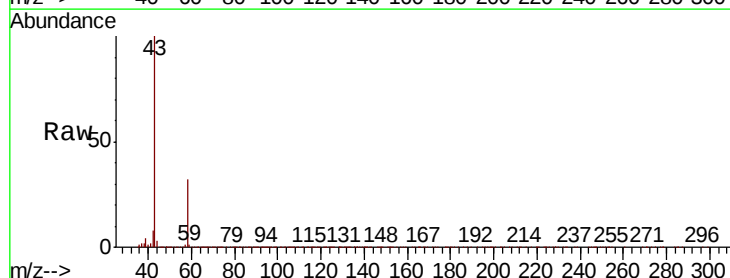
RT: 2.43 min Scan# 253

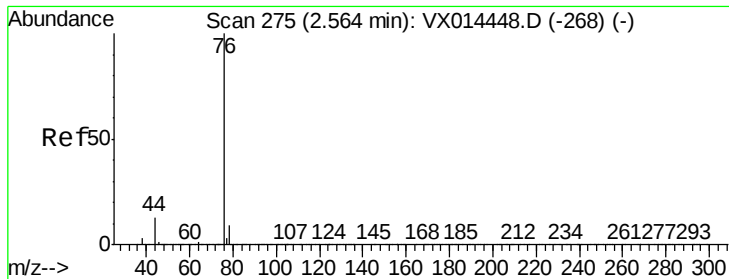
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	43	Resp:	308902
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.4	38.0

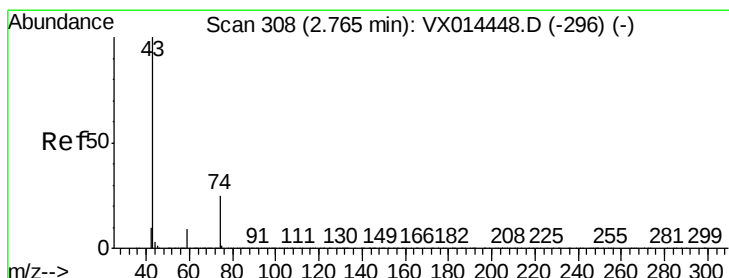
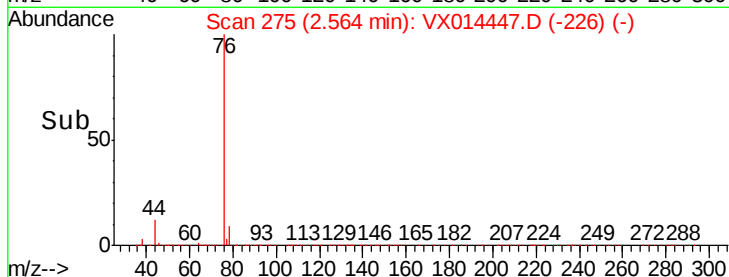
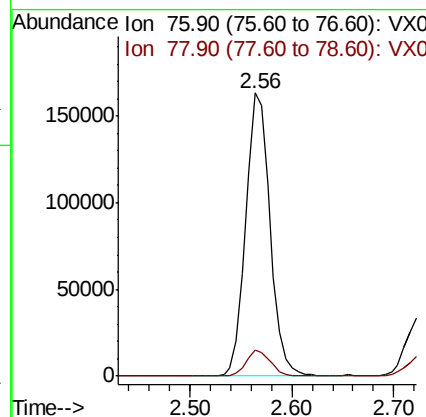
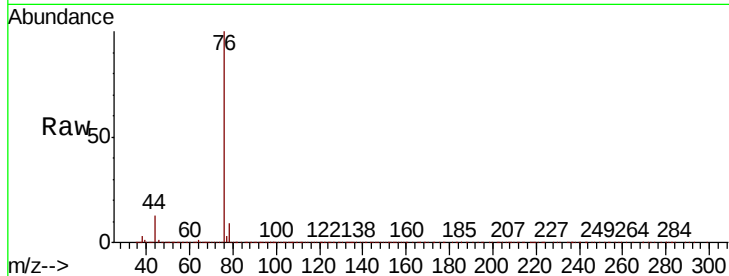




#17
Carbon Disulfide
Concen: 17.473 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

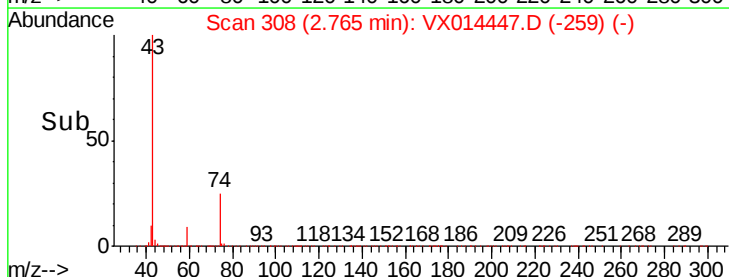
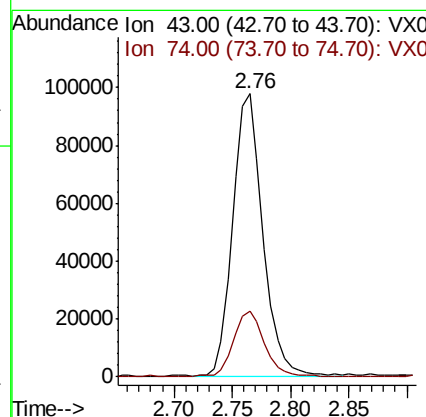
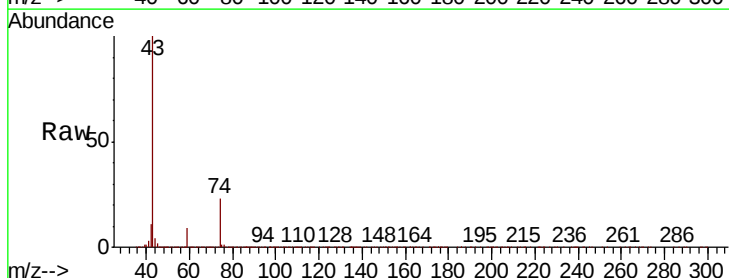
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 270349
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 21.351 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 43 Resp: 174909
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

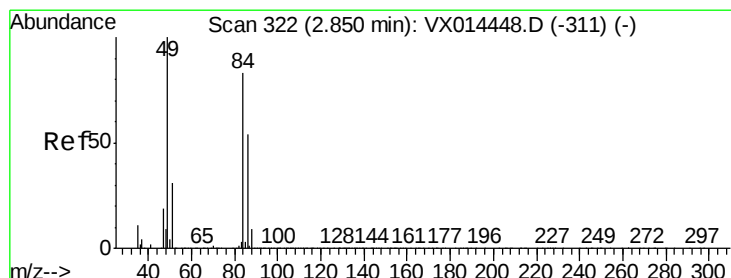
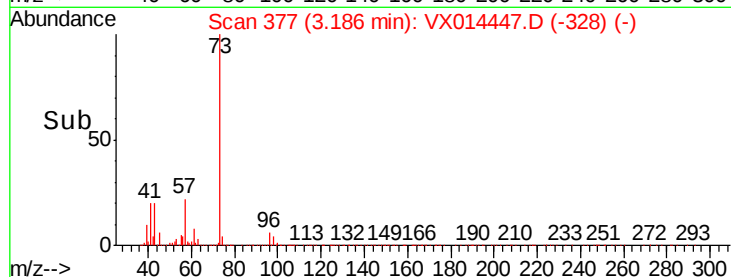
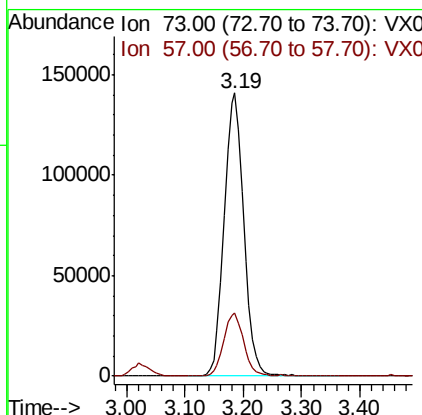
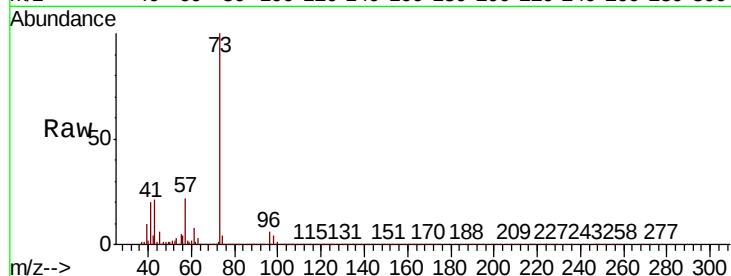




#19
Methyl tert-butyl Ether
Concen: 19.066 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

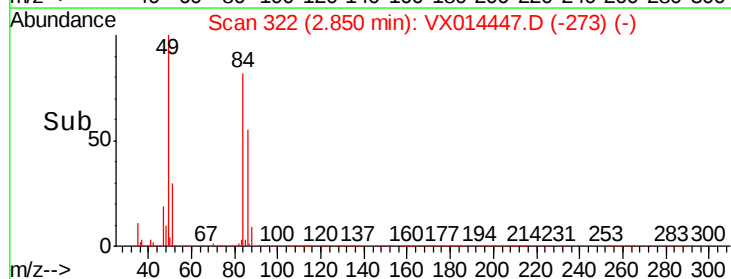
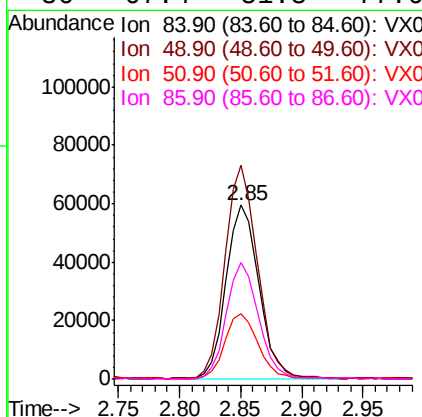
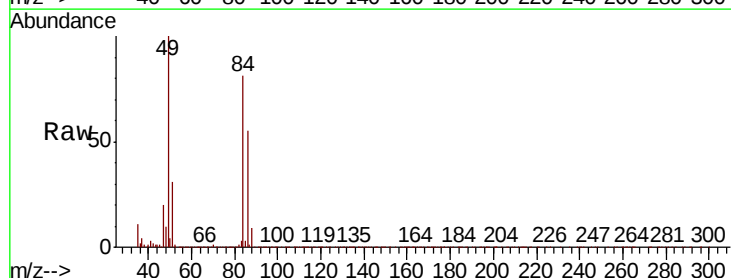
Instrument :
MSVOA_X
ClientSampleId :

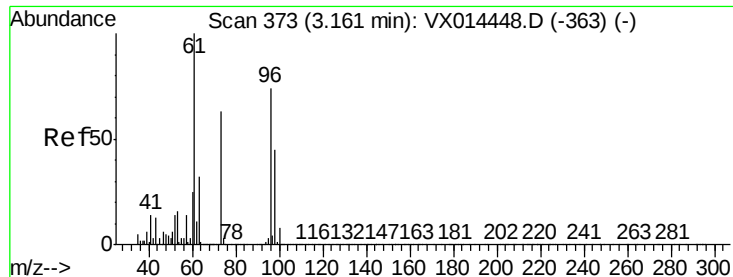
Tot Ion: 73 Resp: 329238
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 17.515 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 84 Resp: 110745
Ion Ratio Lower Upper
84 100
49 122.8 95.8 143.8
51 37.6 30.2 45.4
86 67.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.579 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

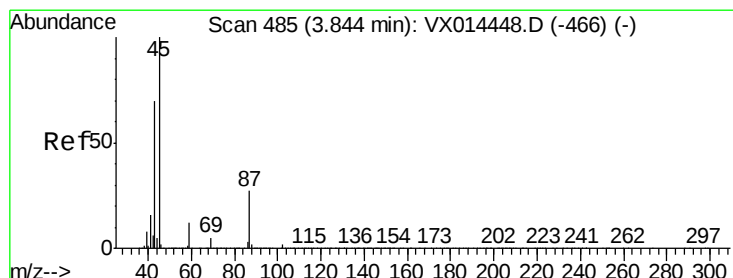
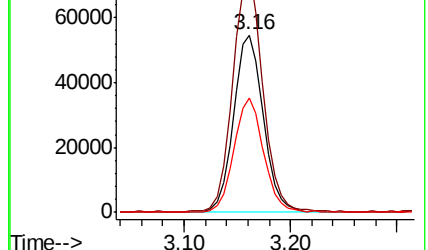
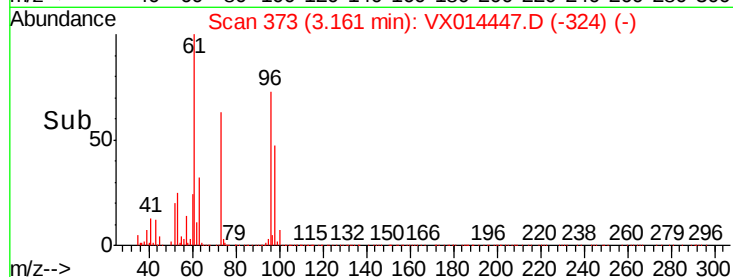
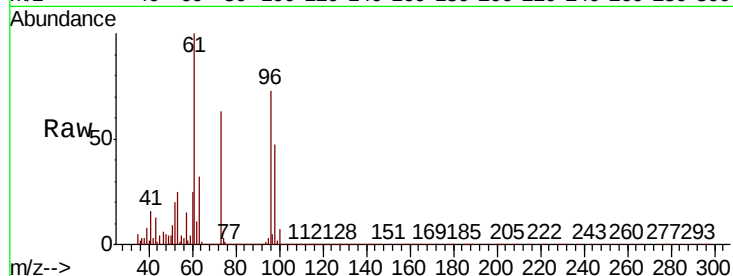
Tot Ion: 96 Resp: 107630

Ion Ratio Lower Upper

96 100

61 136.5 108.2 162.4

98 64.8 48.8 73.2



#22

Diisopropyl ether

Concen: 18.613 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion: 45 Resp: 347277

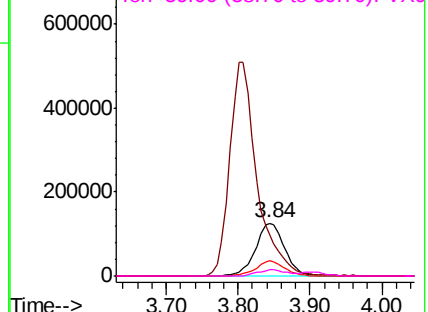
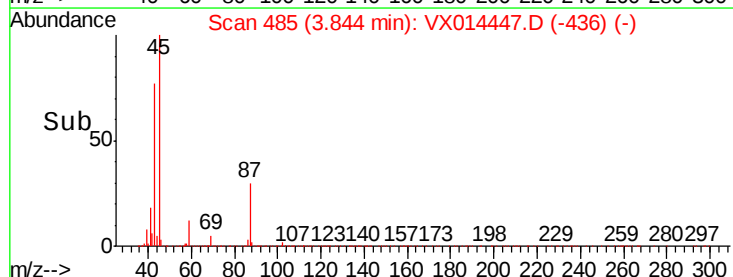
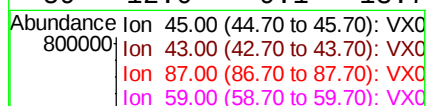
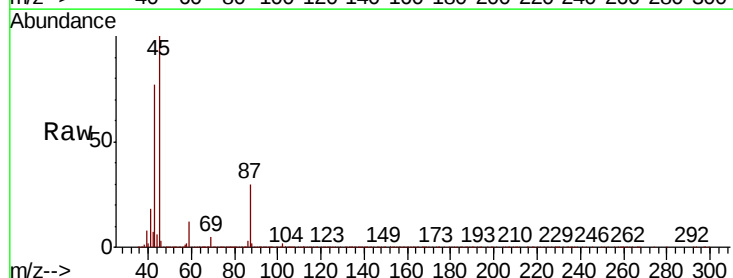
Ion Ratio Lower Upper

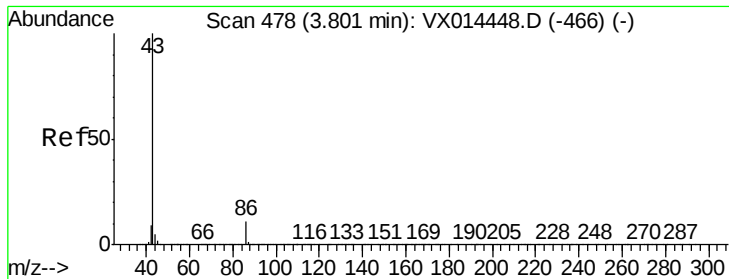
45 100

43 77.4 55.8 83.6

87 29.8 21.8 32.8

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 89.902 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

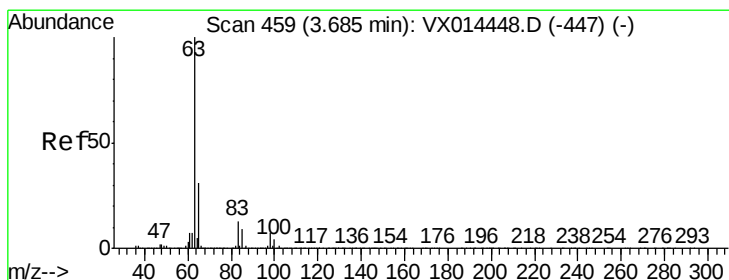
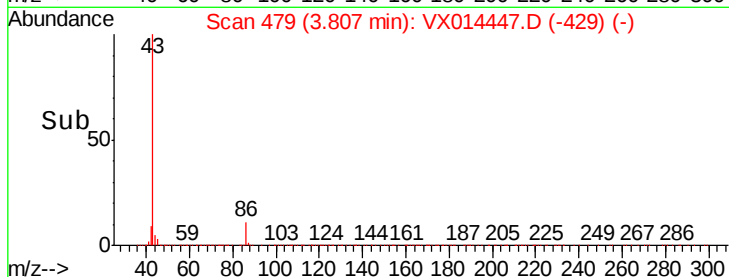
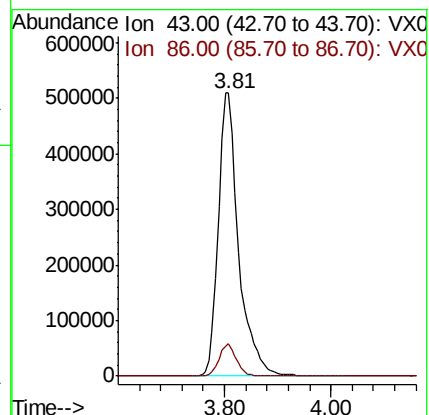
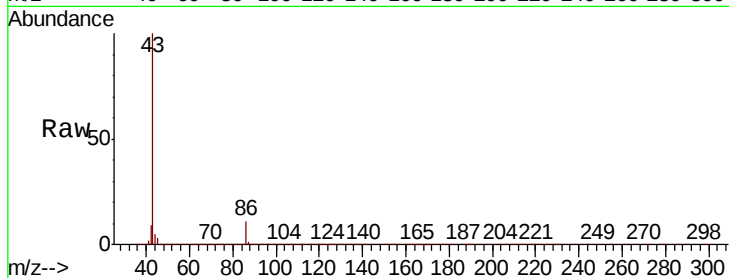
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1351418

Ion Ratio Lower Upper

43 100

86 11.3 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.166 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

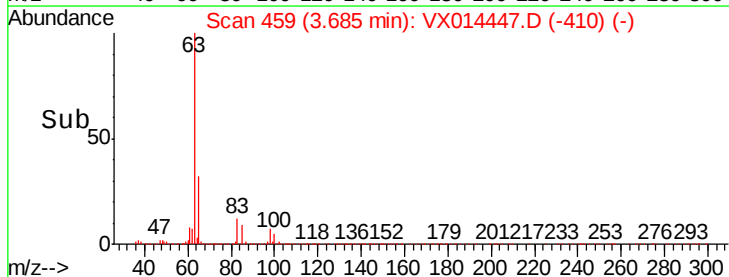
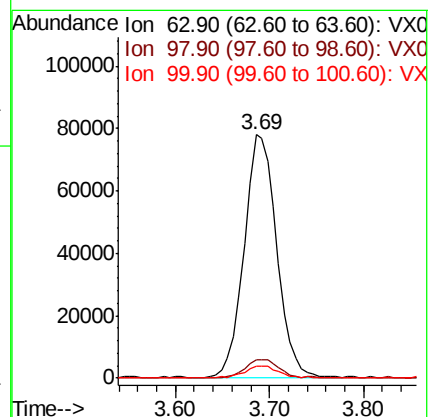
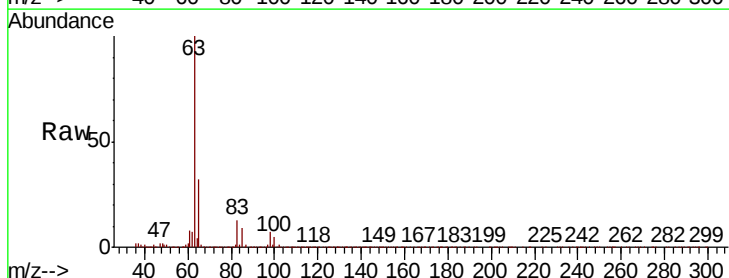
Tgt Ion: 63 Resp: 188657

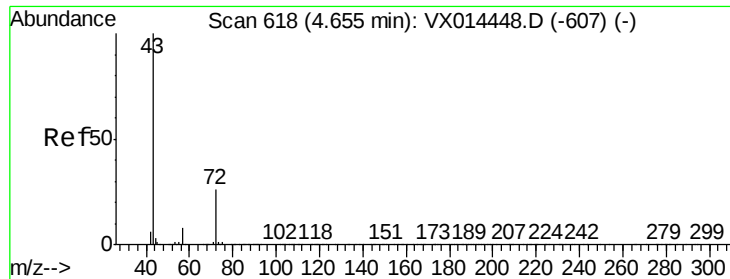
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 89.819 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

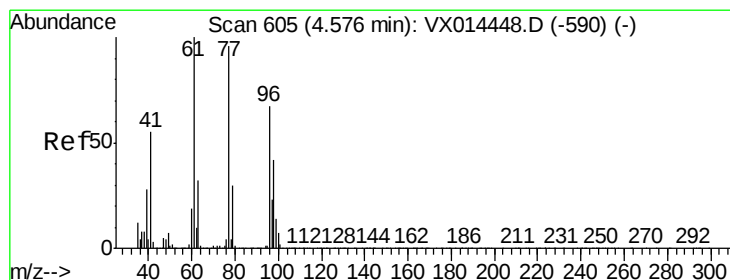
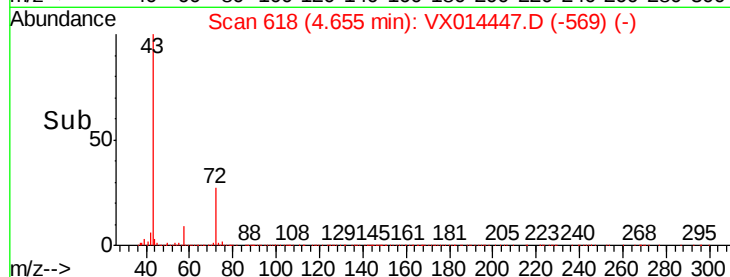
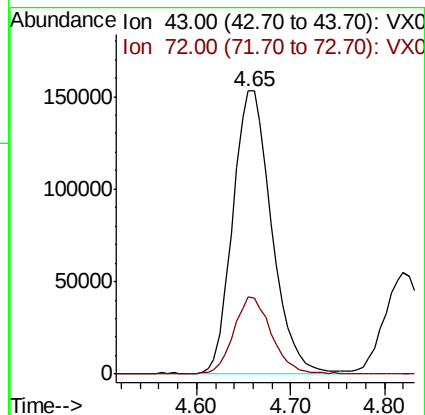
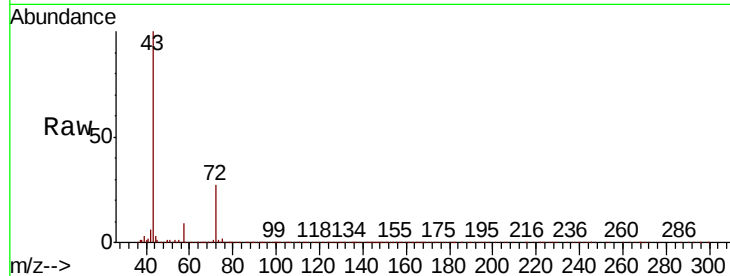
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 437499

Ion Ratio Lower Upper

43 100

72 27.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.072 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014447.D

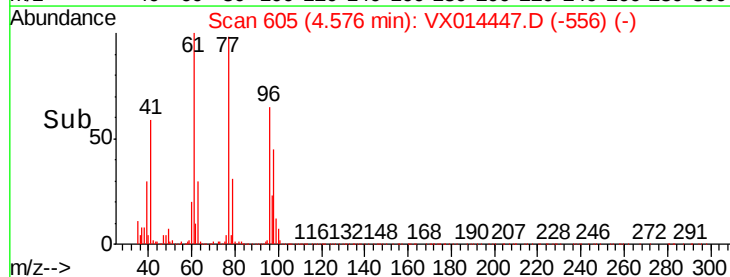
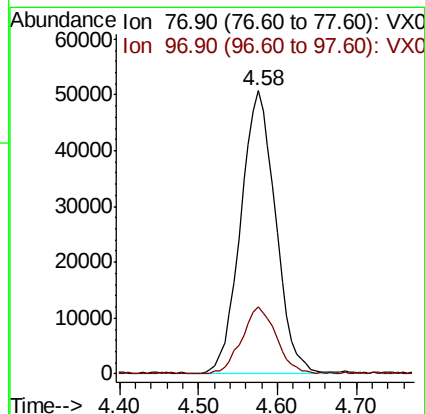
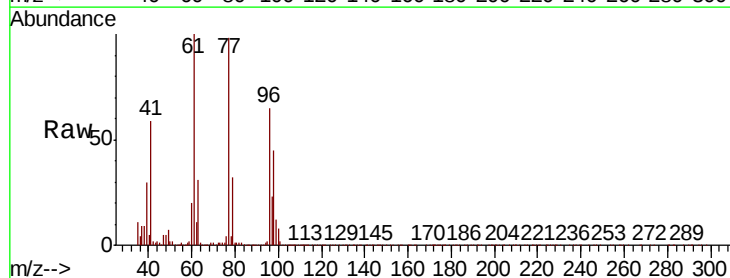
Acq: 07 Jan 2020 14:21

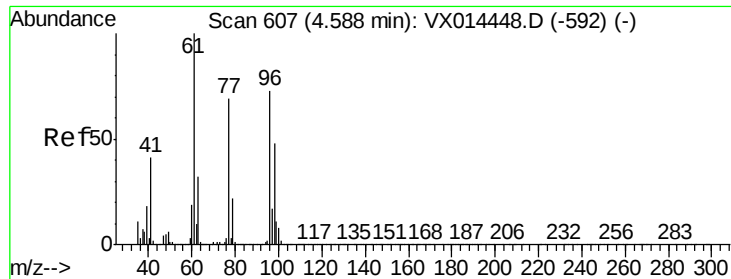
Tgt Ion: 77 Resp: 154979

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



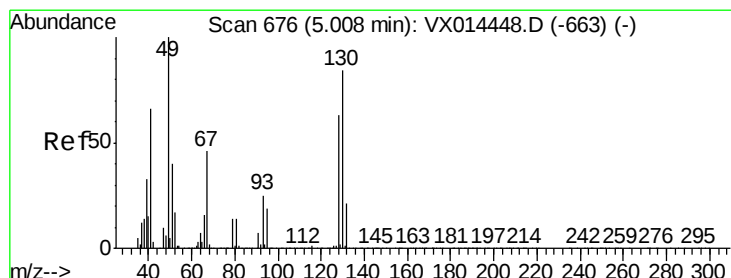
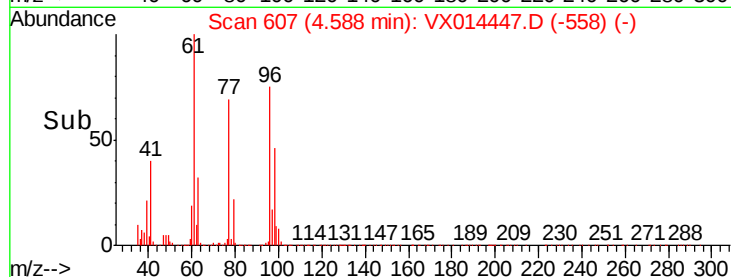
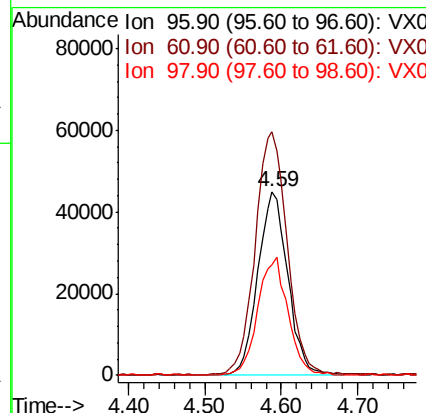
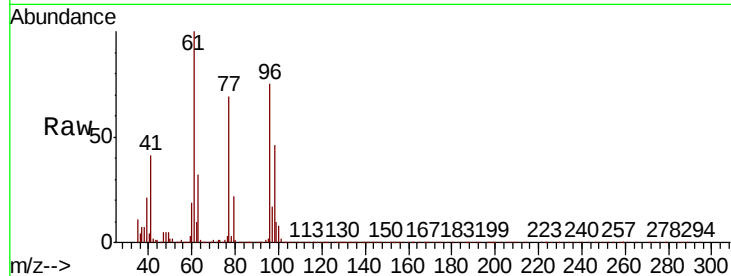


#27

cis-1,2-Dichloroethene
Concen: 18.889 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

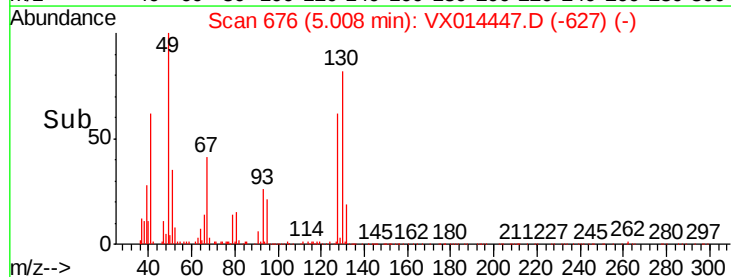
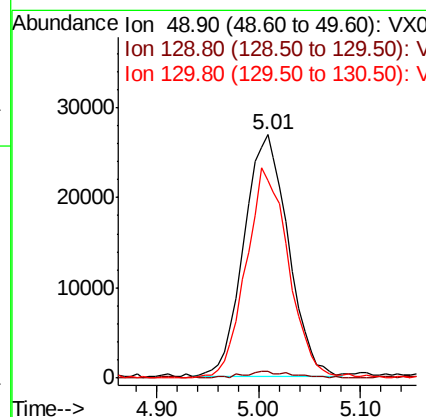
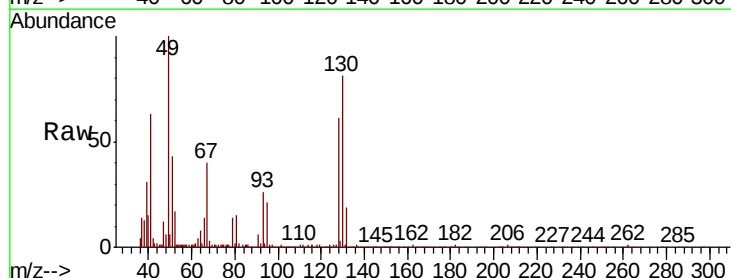
Tot Ion	96	Resp	123620
Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	285.4
98	63.8	0.0	130.6



#28

Bromochloromethane
Concen: 22.292 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	49	Resp	80131
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.4
130	83.2	67.0	100.4





#29

Tetrahydrofuran

Concen: 94.614 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

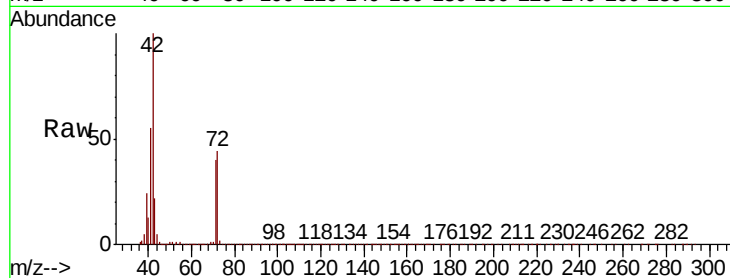
Tot Ion: 42 Resp: 262662

Ion Ratio Lower Upper

42 100

72 45.9 36.2 54.4

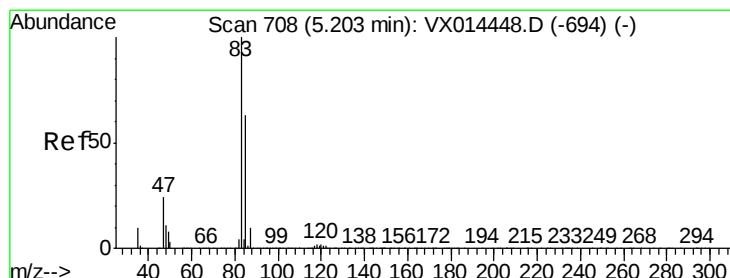
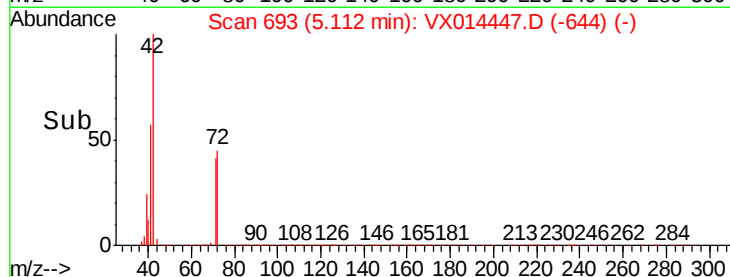
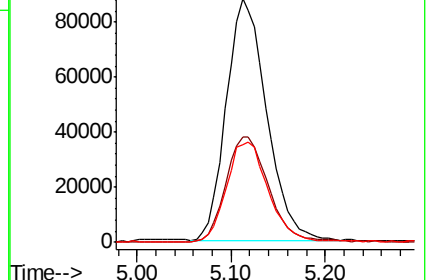
71 42.6 34.1 51.1



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: 18.710 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014447.D

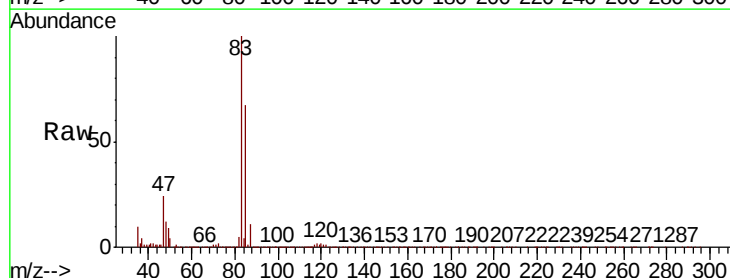
Acq: 07 Jan 2020 14:21

Tgt Ion: 83 Resp: 184013

Ion Ratio Lower Upper

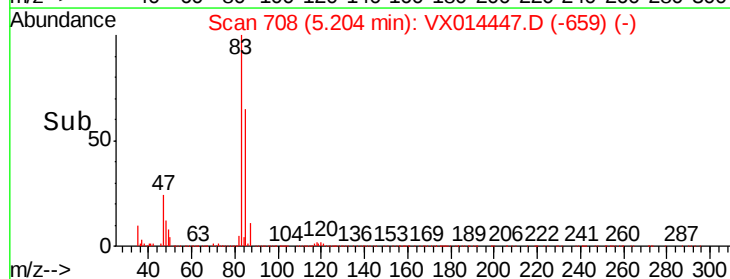
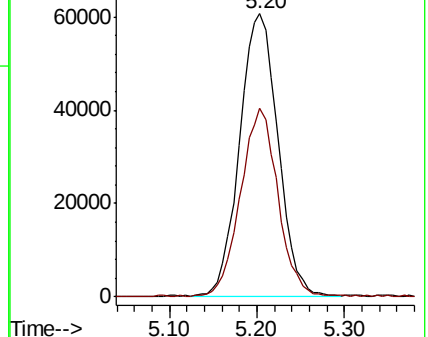
83 100

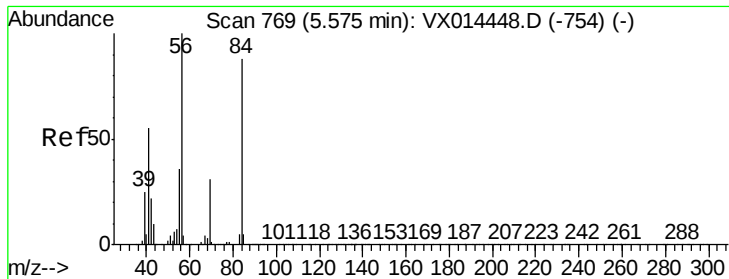
85 66.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

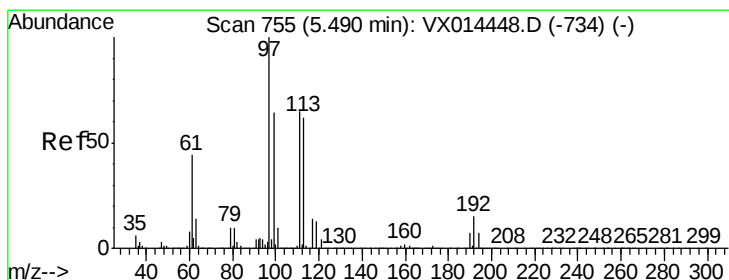
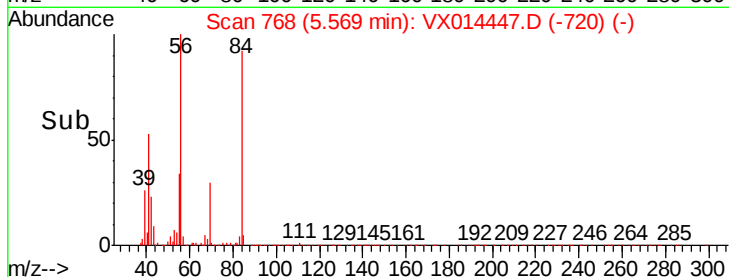
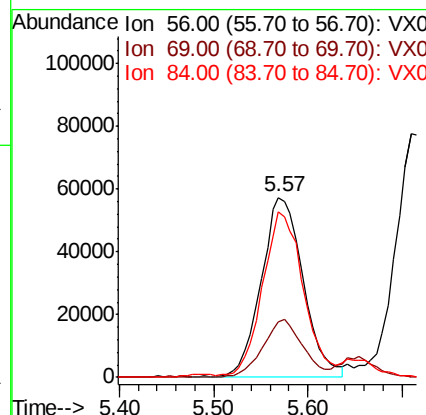
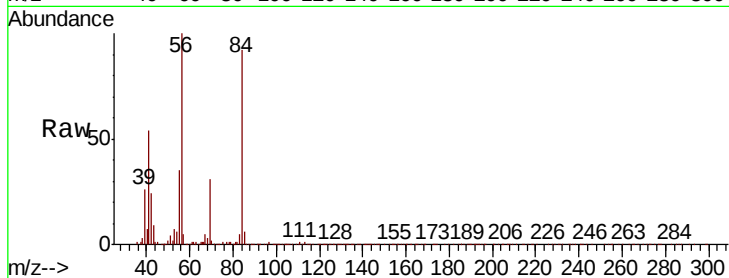




#31
Cyclohexane
Concen: 19.059 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

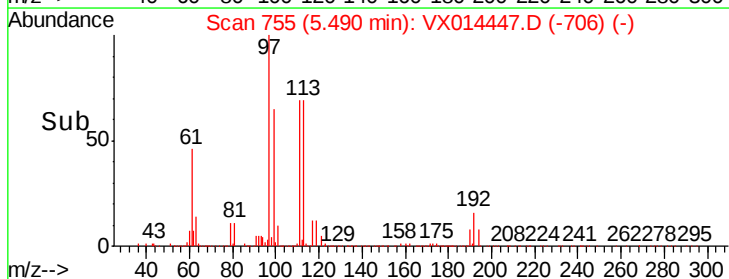
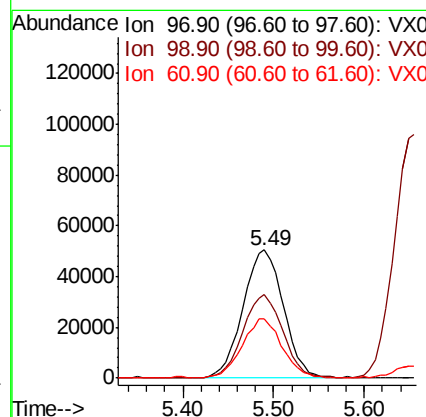
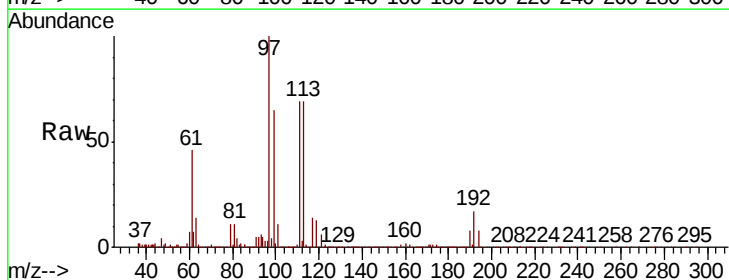
Instrument :
MSVOA_X
ClientSampled :

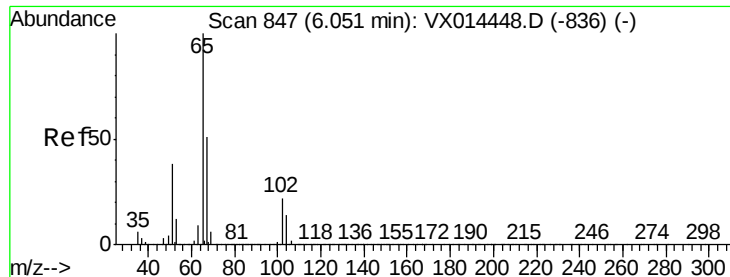
Tot Ion: 56 Resp: 177507
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 90.7 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 18.312 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 97 Resp: 154057
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 46.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 19.439 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

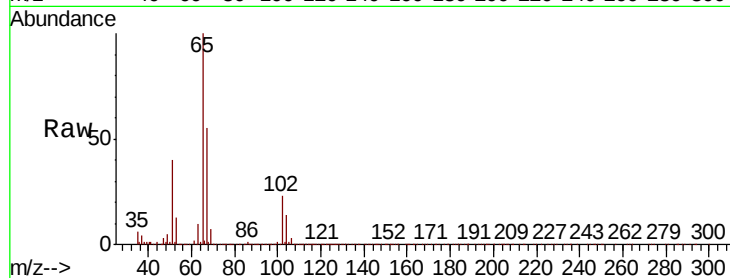
ClientSampleId :

Tot Ion: 65 Resp: 118938

Ion Ratio Lower Upper

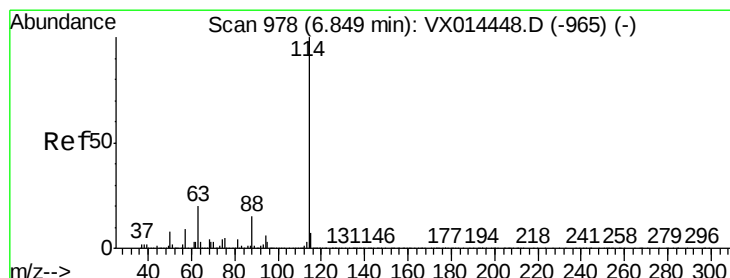
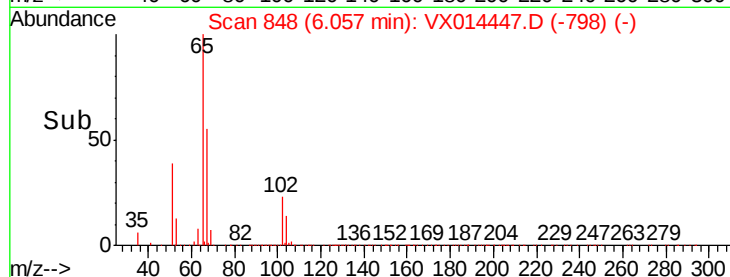
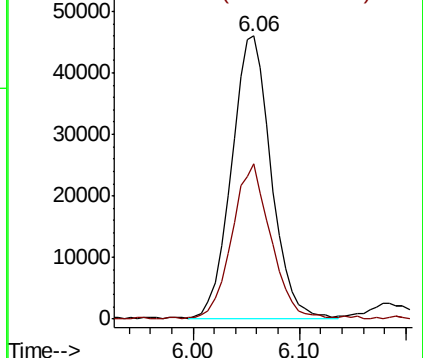
65 100

67 54.5 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: VX014447.D

Acq: 07 Jan 2020 14:21

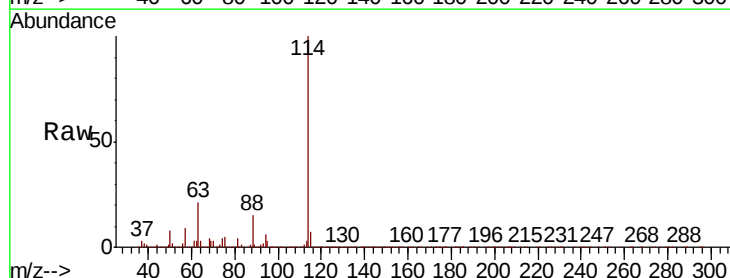
Tgt Ion: 114 Resp: 812658

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

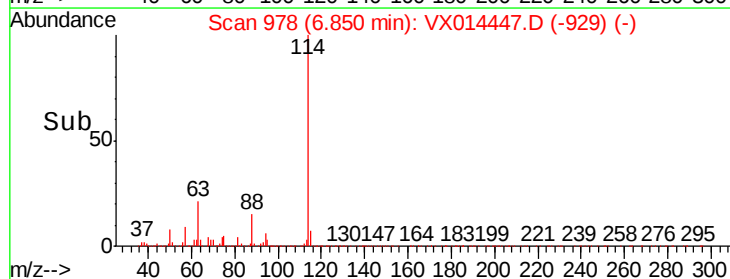
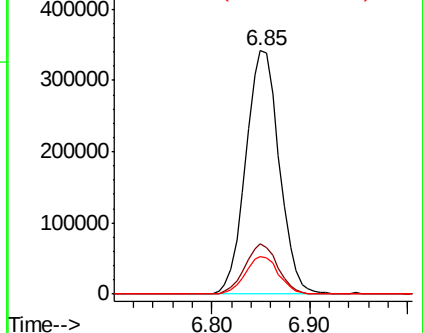
88 15.3 0.0 30.8



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: 19.949 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

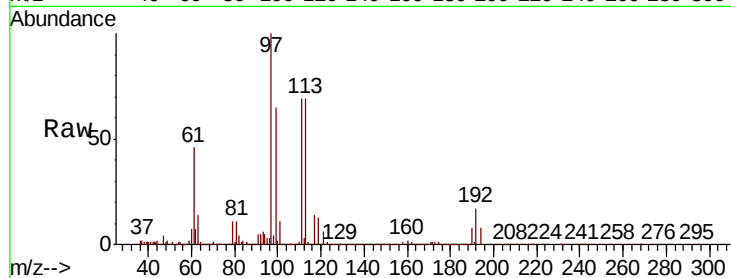
Tot Ion:113 Resp: 98398

Ion Ratio Lower Upper

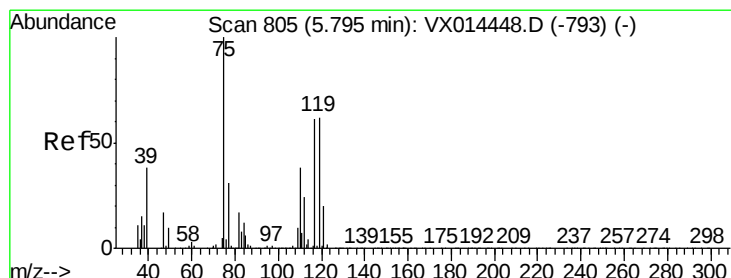
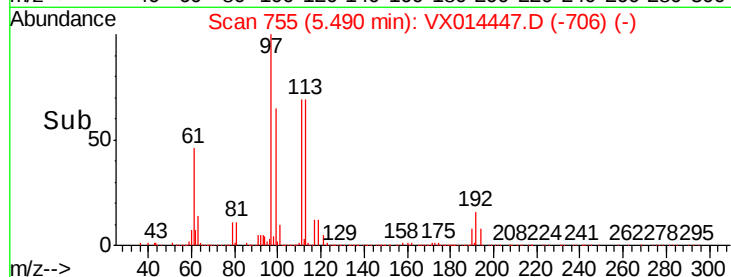
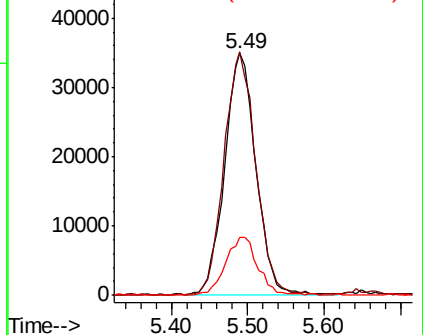
113 100

111 102.7 81.5 122.3

192 24.9 19.2 28.8



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



#36

1,1-Dichloropropene

Concen: 18.878 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

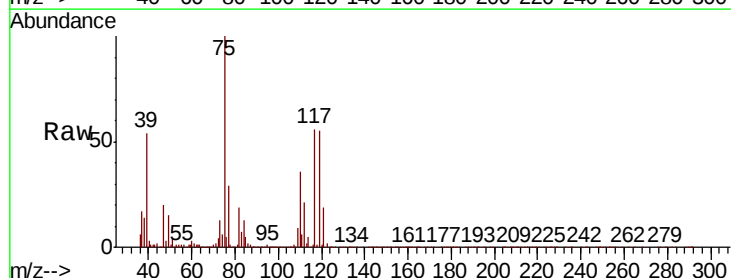
Tgt Ion: 75 Resp: 141974

Ion Ratio Lower Upper

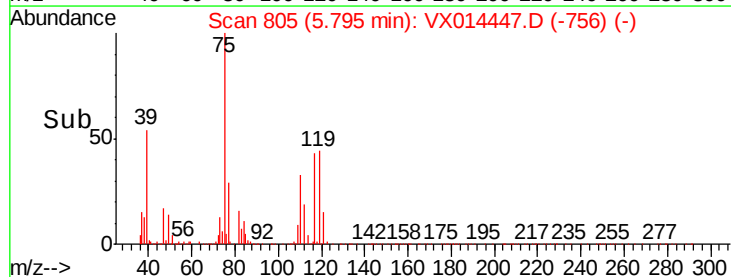
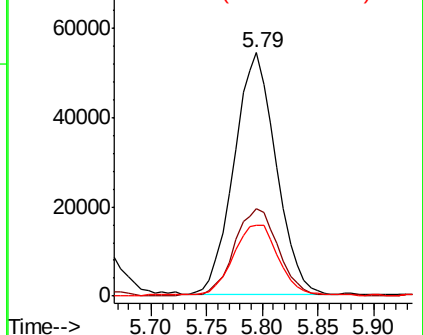
75 100

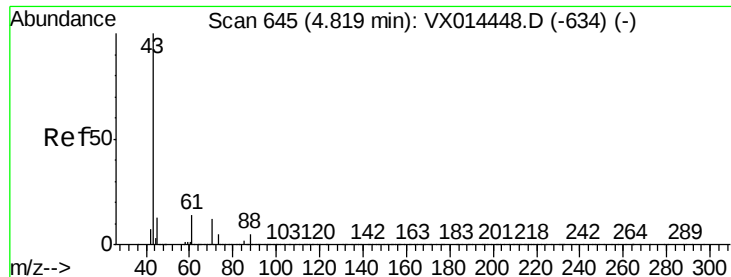
110 38.2 18.6 55.8

77 30.6 24.5 36.7



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

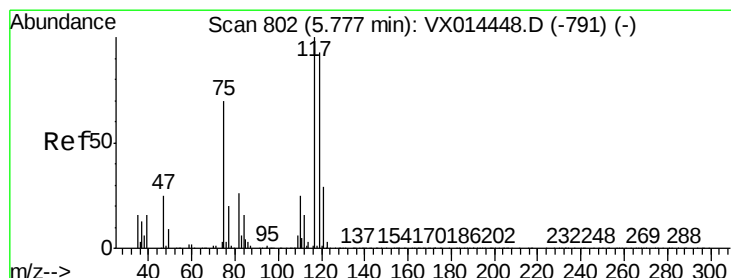
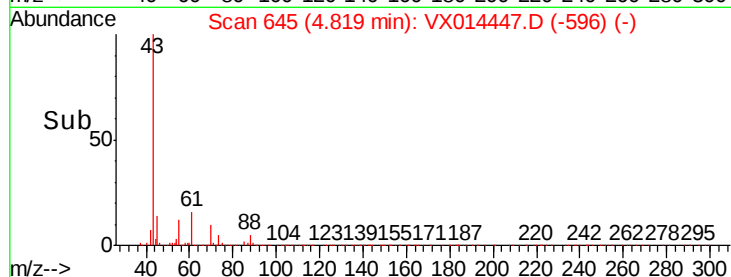
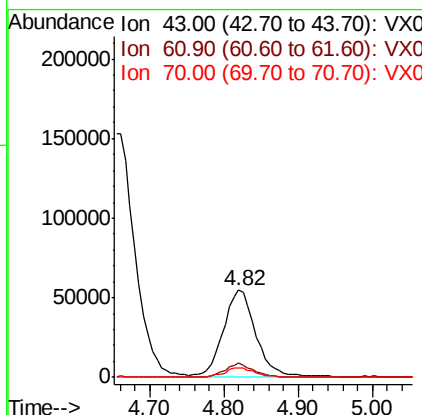
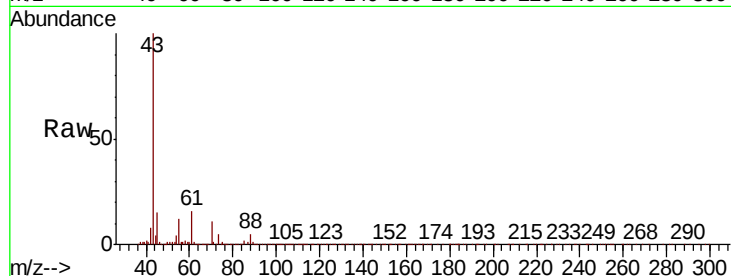




#37
Ethyl Acetate
Concen: 19.668 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

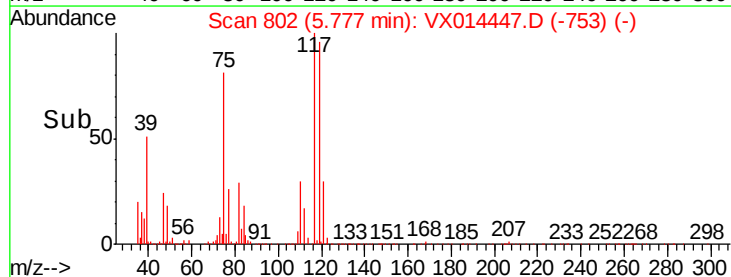
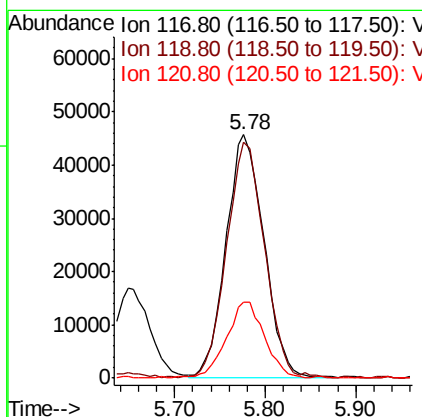
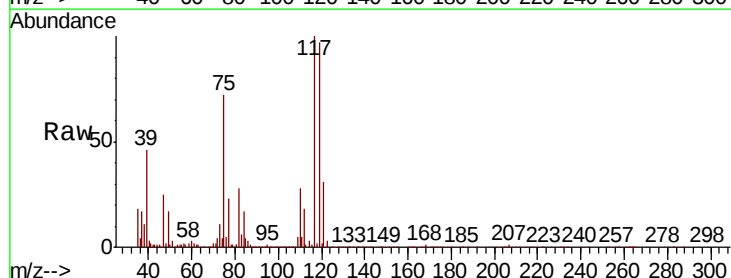
Instrument :
MSVOA_X
ClientSampleId :

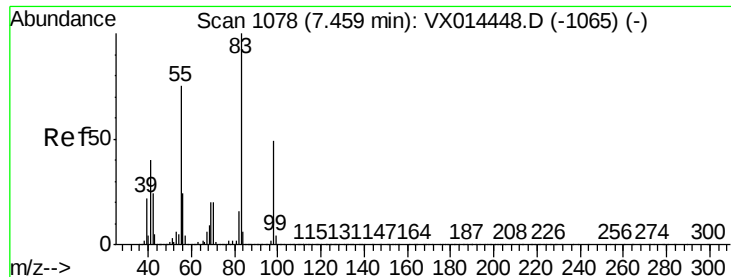
Tot Ion: 43 Resp: 162453
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.280 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 117 Resp: 132316
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.8
121 30.7 23.4 35.0

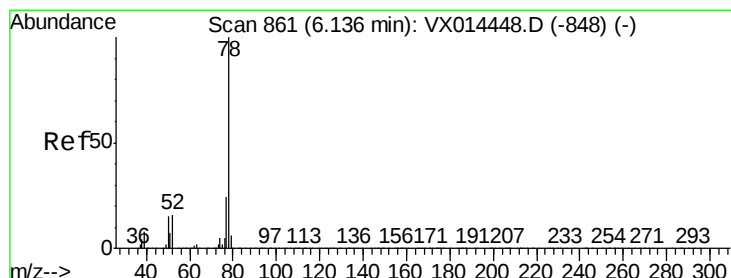
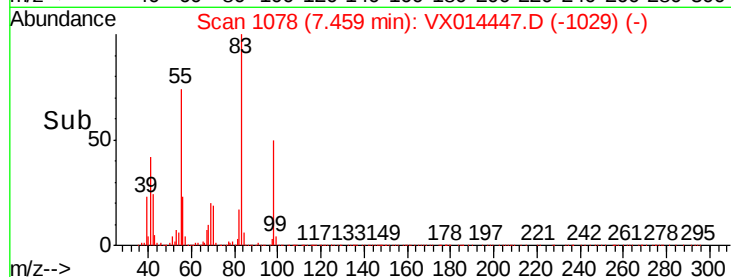
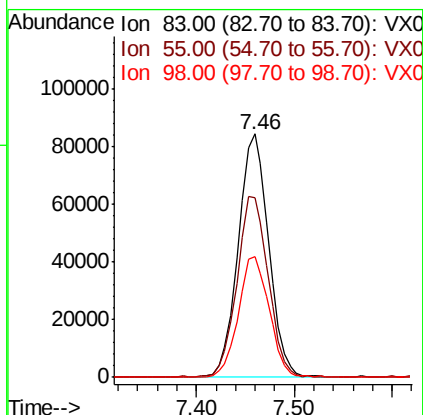
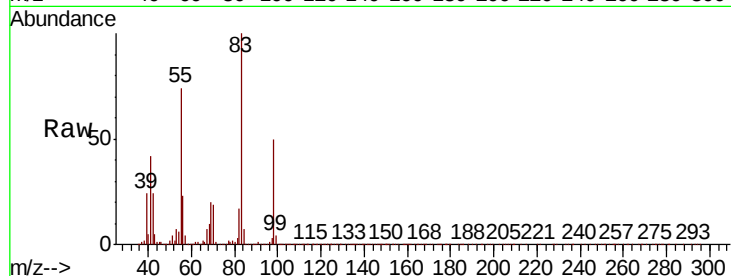




#39
Methvlcvclohexane
Concen: 19.379 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

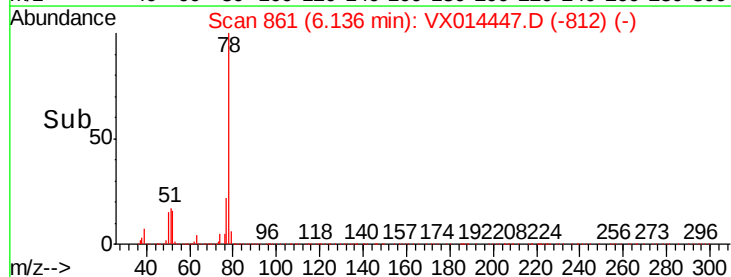
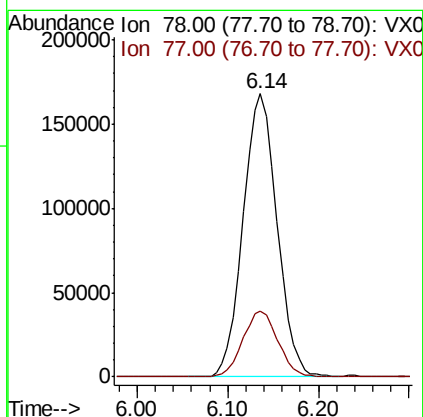
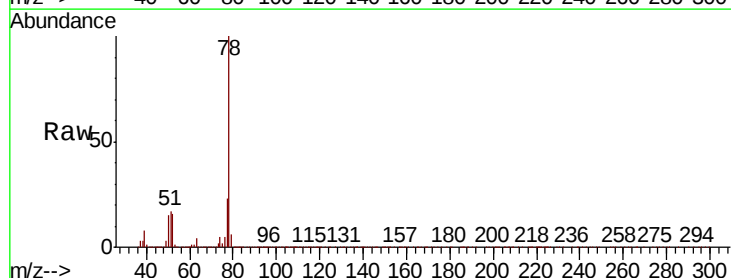
Instrument :
MSVOA_X
ClientSampleId :

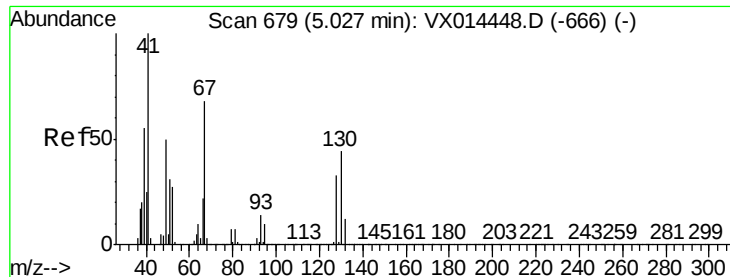
Tot Ion	83	Resp	181192
Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.7	89.5
98	49.7	39.1	58.7



#40
Benzene
Concen: 18.835 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	78	Resp	434239
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3

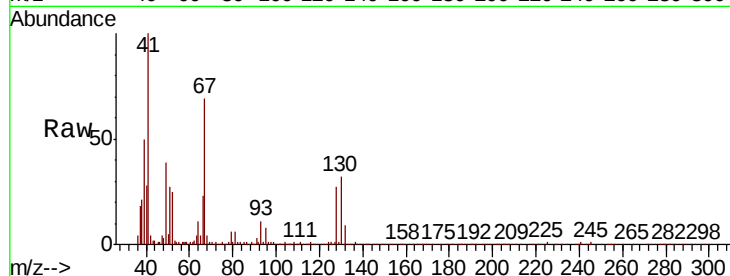




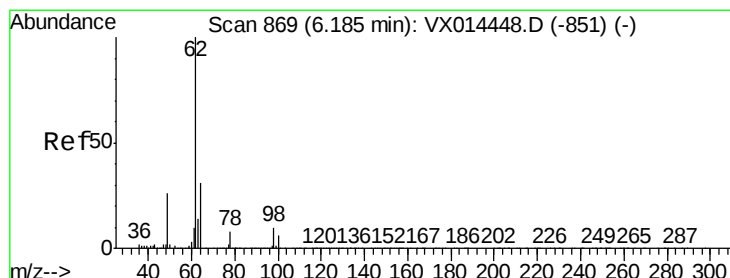
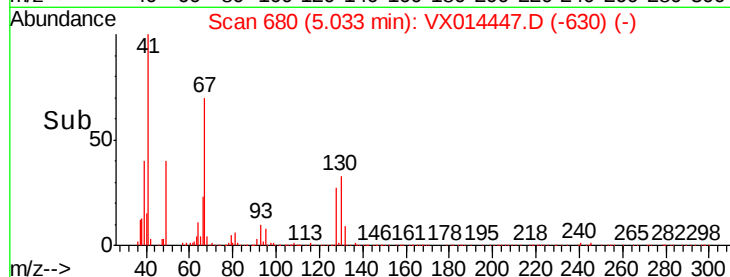
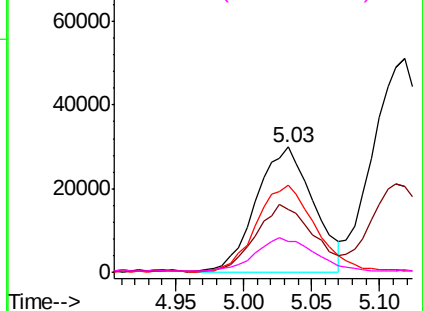
#41
Methacrylonitrile
Concen: 19.145 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	87954
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.6	65.4
67	71.4	57.9	86.9
52	27.5	23.0	34.6

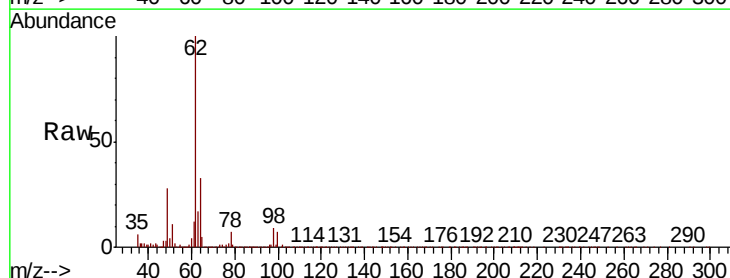


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

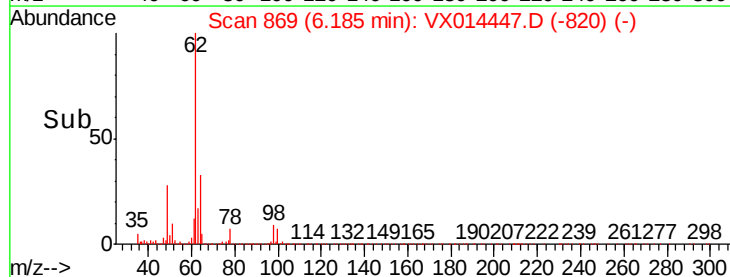
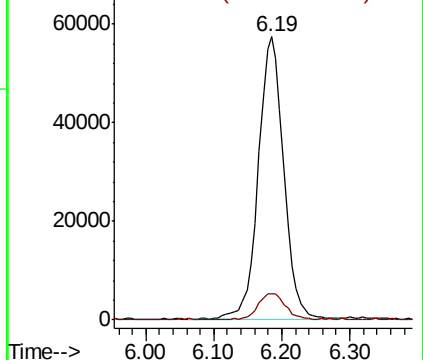


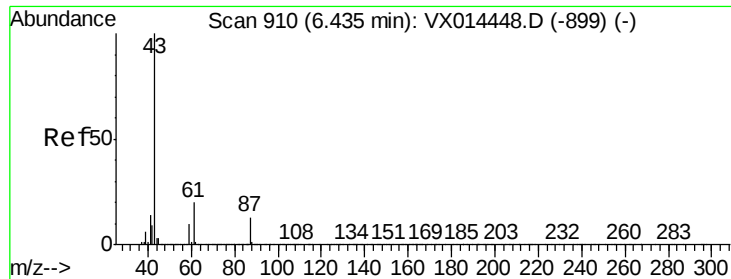
#42
1,2-Dichloroethane
Concen: 19.379 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:	62	Resp:	151483
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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



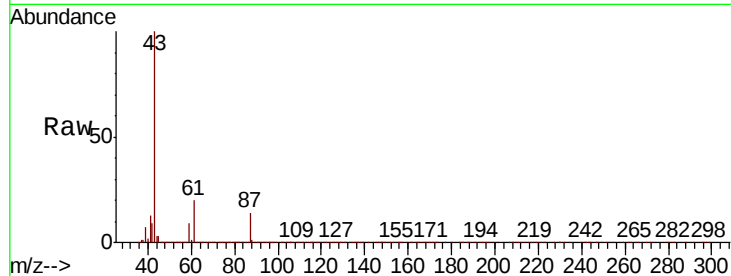


#43

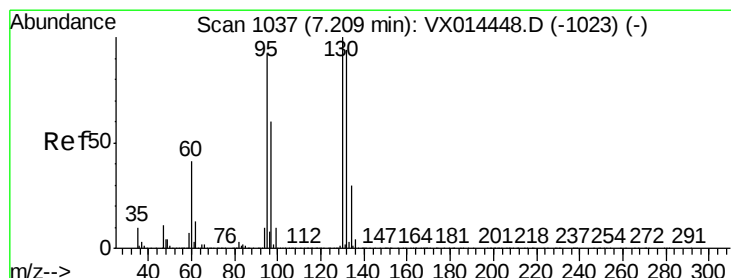
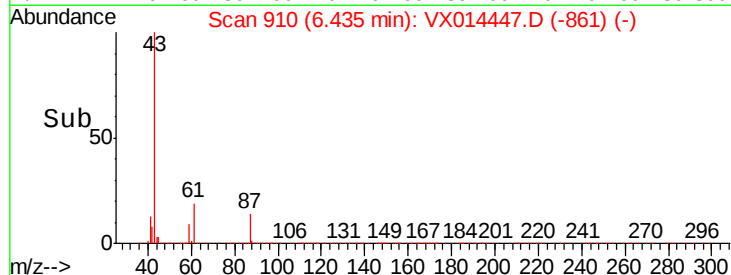
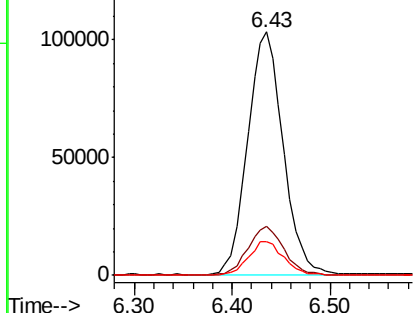
Isopropyl Acetate
 Concen: 18.976 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	259768
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.6	24.8
87	13.6	10.8	16.2



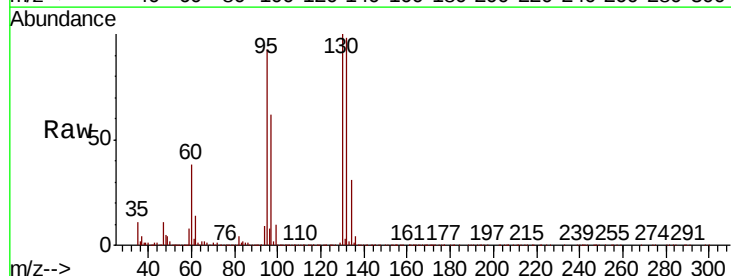
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



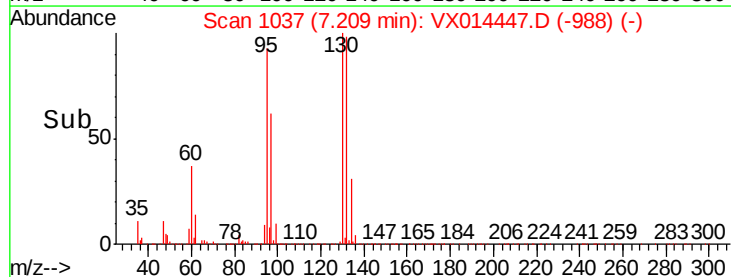
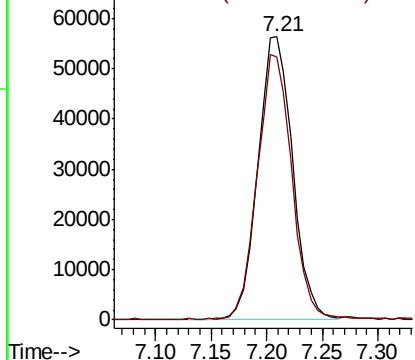
#44

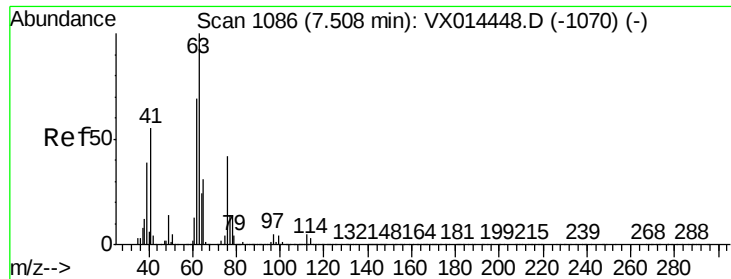
Trichloroethene
 Concen: 18.981 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	130	Resp	122048
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	184.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

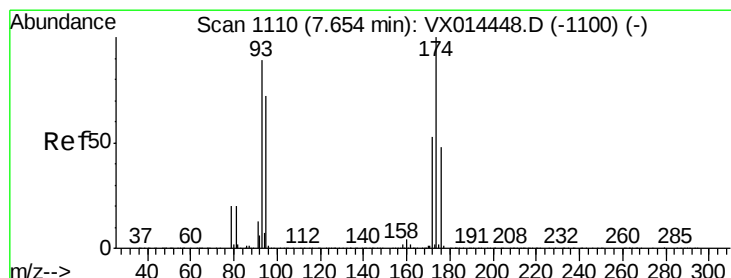
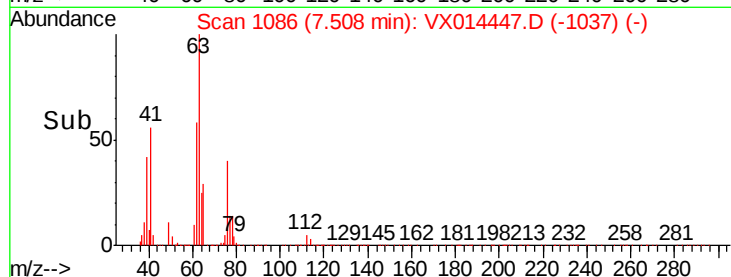
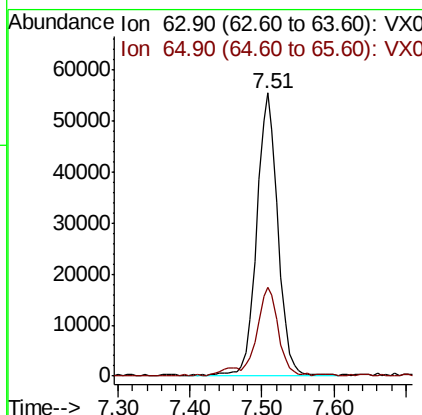
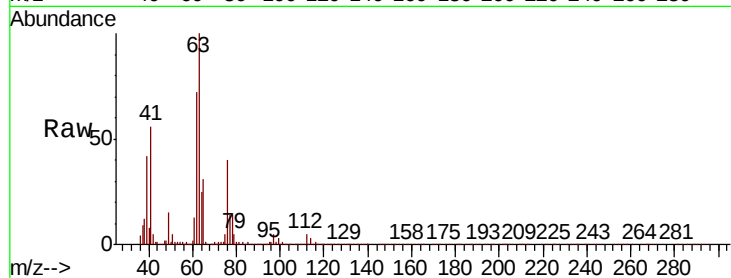




#45
 1,2-Dichloropropane
 Concen: 19.033 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

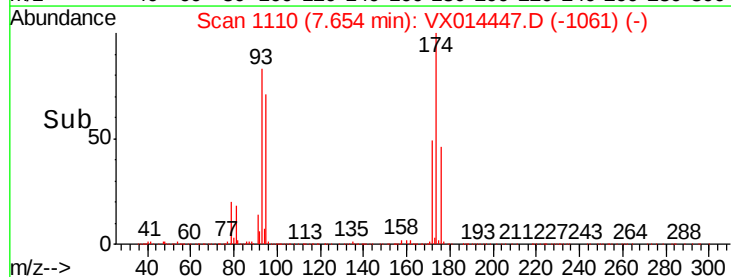
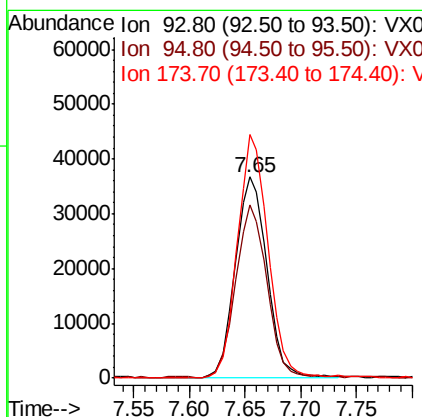
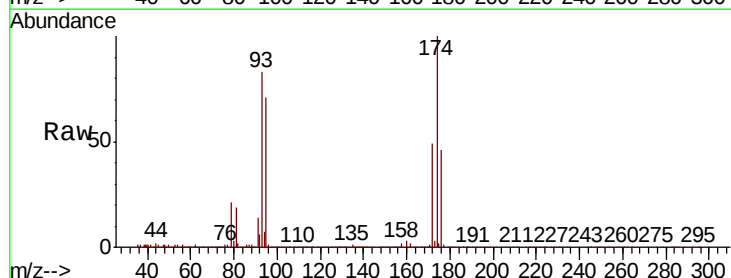
Instrument :
 MSVOA_X
 ClientSampleId :

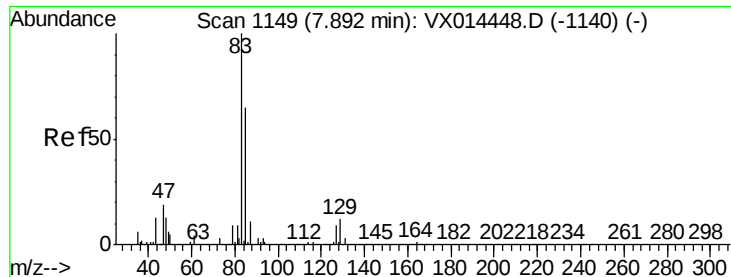
Tot Ion: 63 Resp: 112438
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2



#46
 Dibromomethane
 Concen: 18.506 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion: 93 Resp: 72528
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.4 98.2
 174 117.3 93.0 139.4





#47

Bromodichloromethane

Concen: 18.709 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

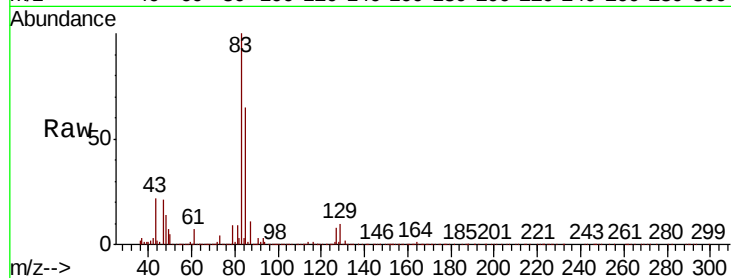
Tot Ion: 83 Resp: 137929

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

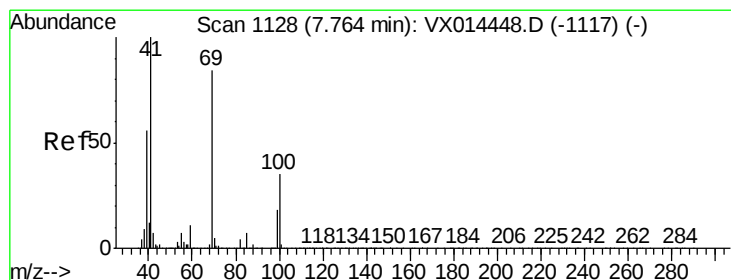
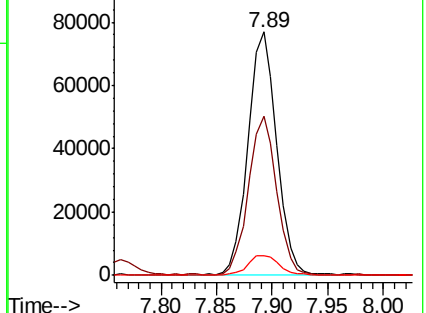
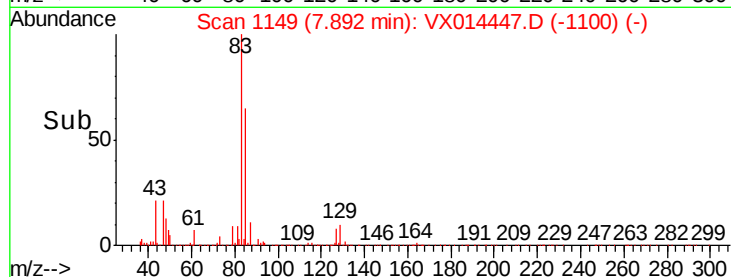
127 8.0 7.1 10.7



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: 18.725 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

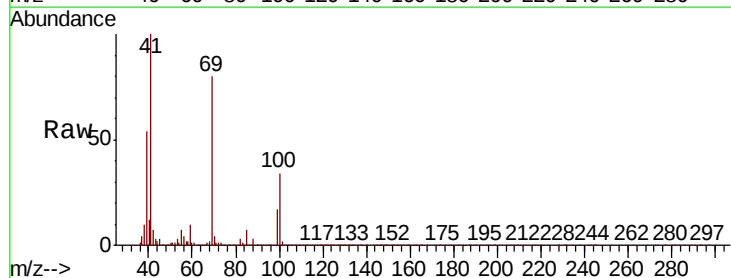
Tgt Ion: 41 Resp: 125447

Ion Ratio Lower Upper

41 100

69 82.8 65.5 98.3

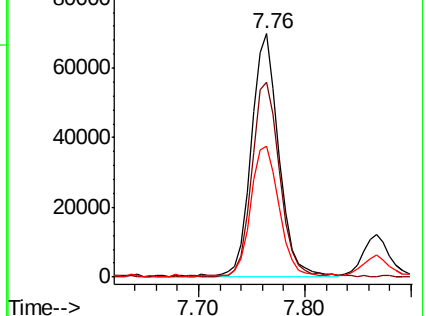
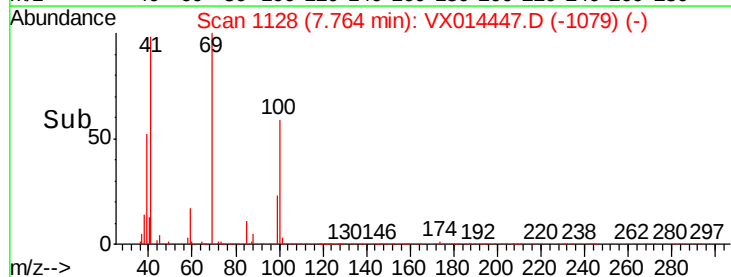
39 55.6 43.9 65.9

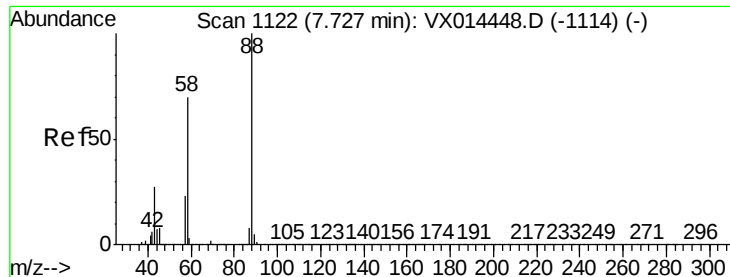


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 387.828 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

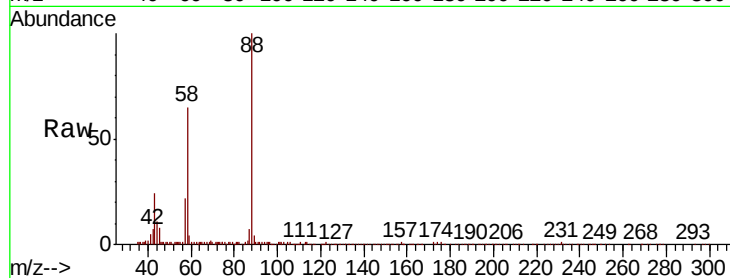
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 53237

Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.4	41.0
58	69.8	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

150000

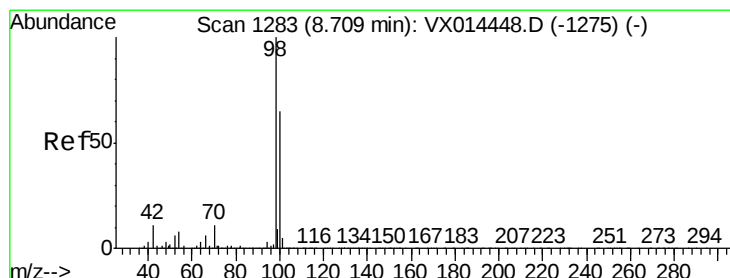
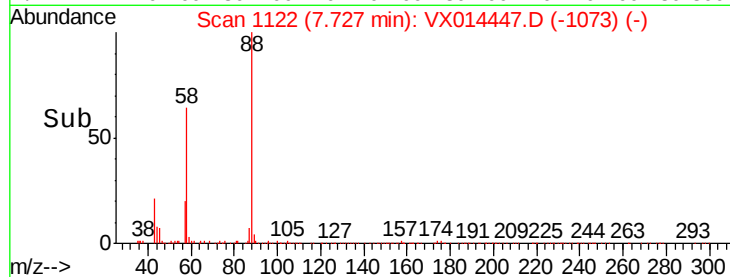
100000

50000

0

7.70 7.80

Time-->



#50

Toluene-d8

Concen: 20.069 ug/l

RT: 8.71 min Scan# 1283

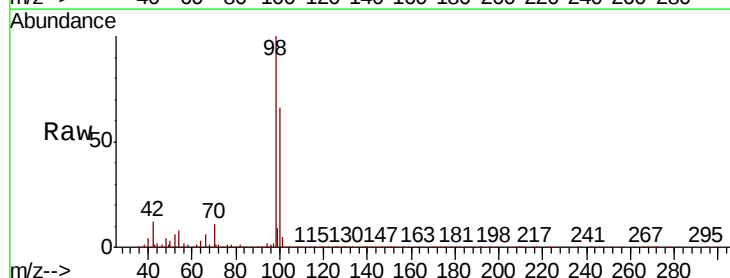
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion: 98 Resp: 383651

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.2	79.8



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

300000

250000

200000

150000

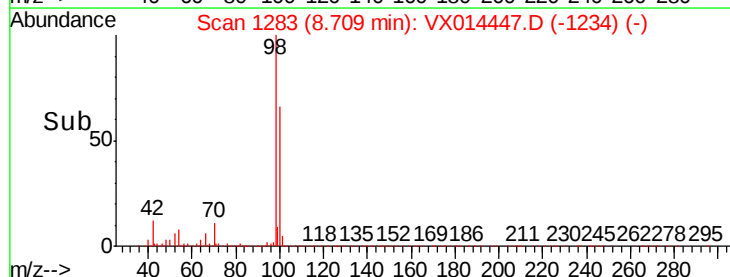
100000

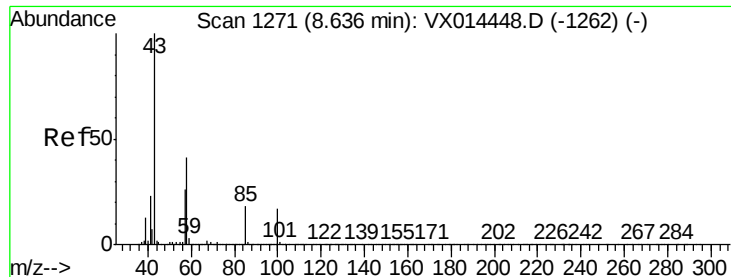
50000

0

8.60 8.70 8.80

Time-->

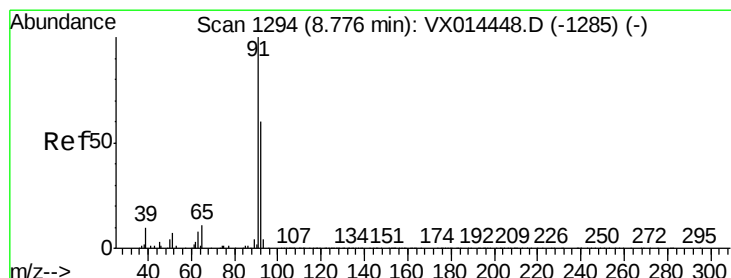
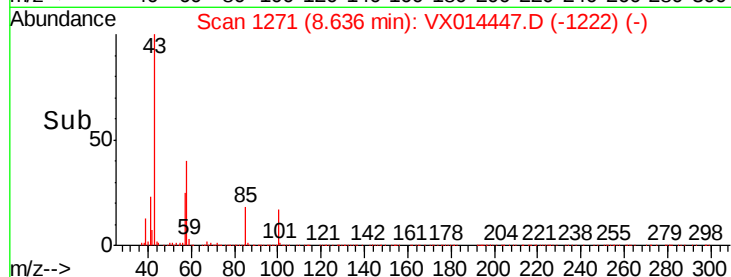
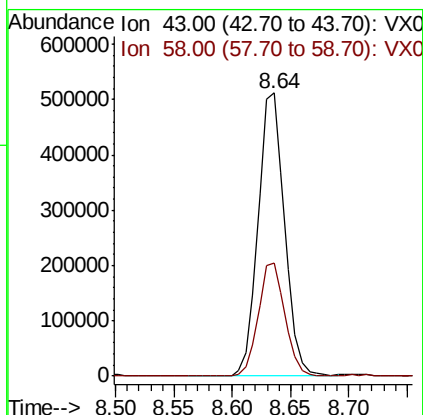
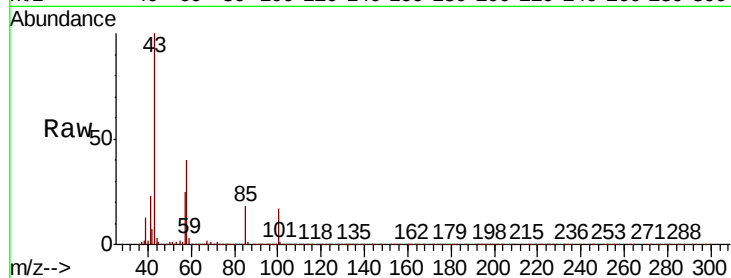




#51
4-Methyl-2-Pentanone
Concen: 94.788 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

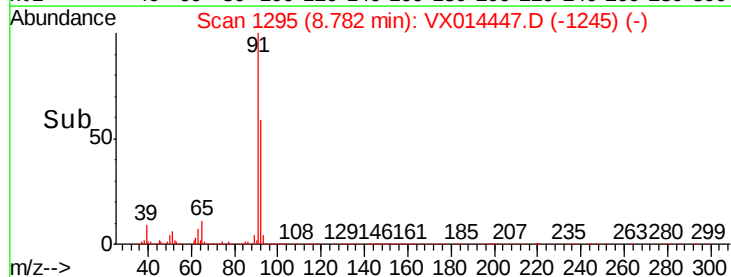
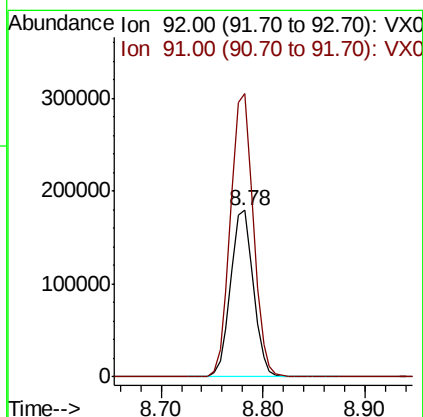
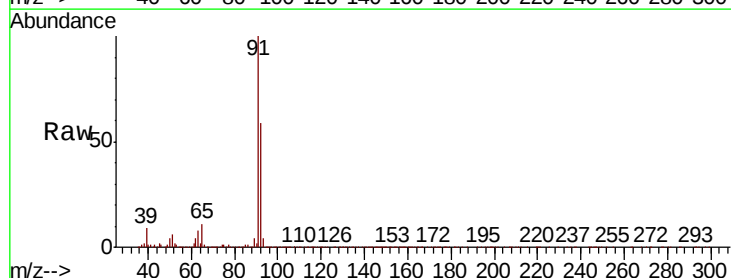
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 812206
Ion Ratio Lower Upper
43 100
58 40.1 32.4 48.6



#52
Toluene
Concen: 18.755 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 92 Resp: 273827
Ion Ratio Lower Upper
92 100
91 171.3 135.7 203.5

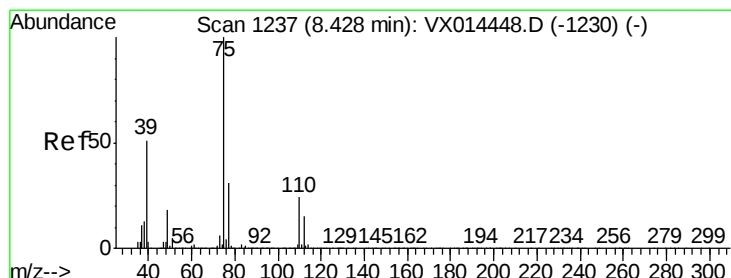
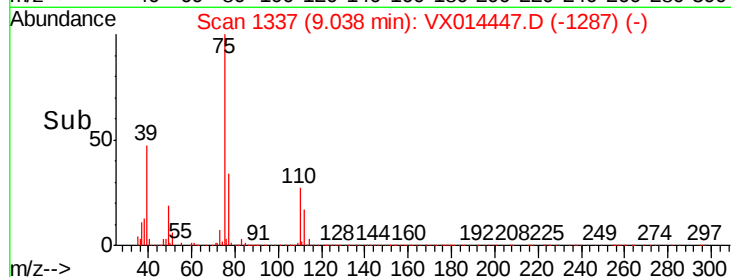
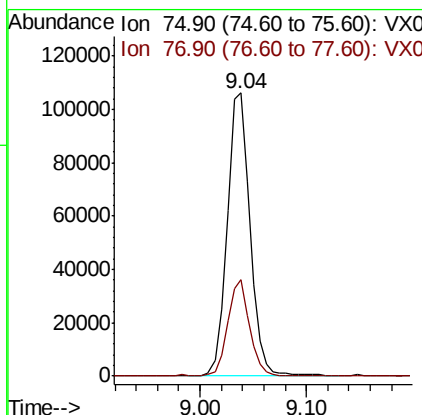
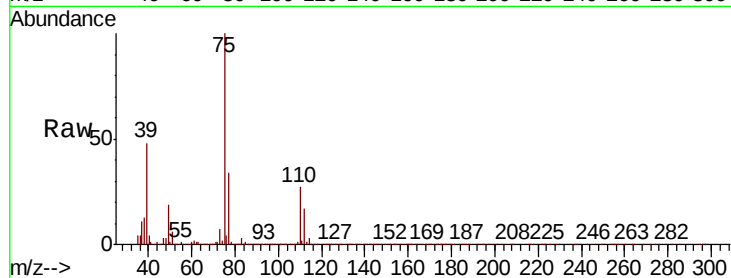




#53
t-1,3-Dichloropropene
Concen: 19.533 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

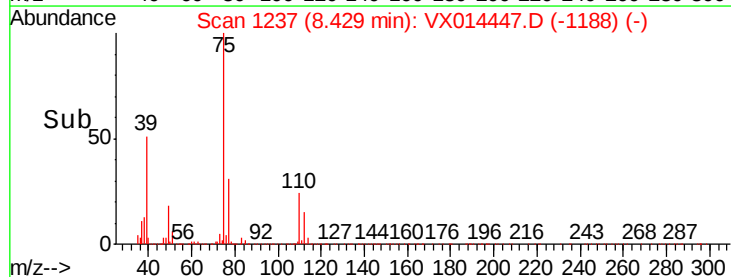
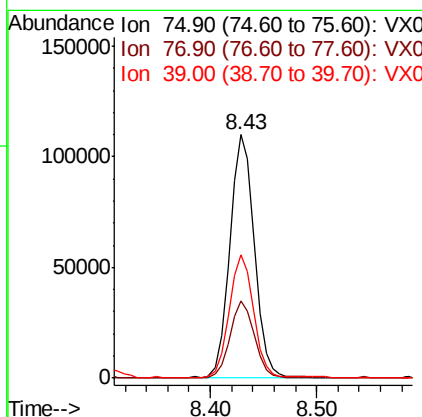
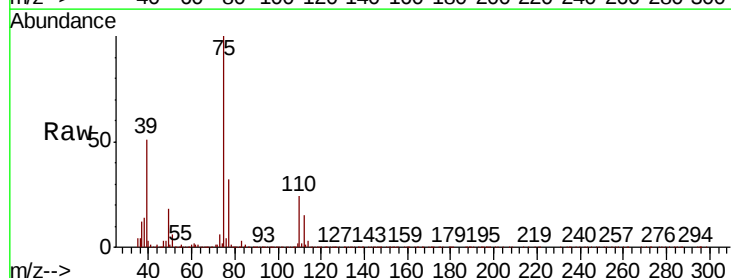
Instrument :
MSVOA_X
ClientSampled :

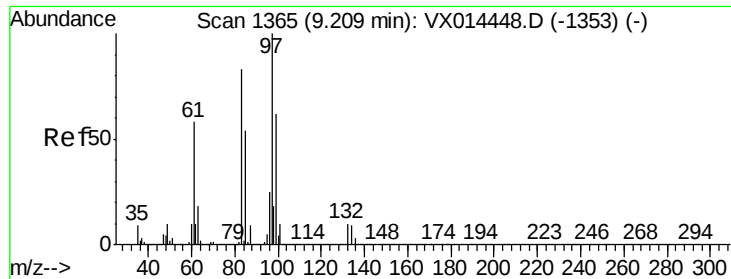
Tot Ion: 75 Resp: 158191
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.647 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 75 Resp: 177234
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 50.6 40.7 61.1

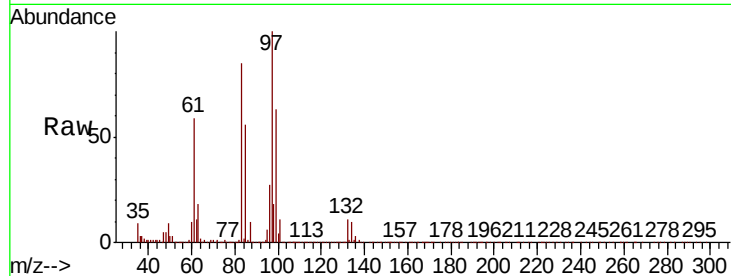




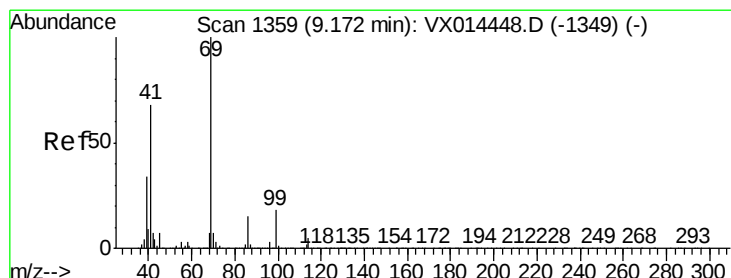
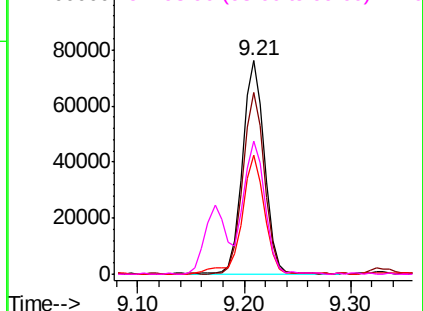
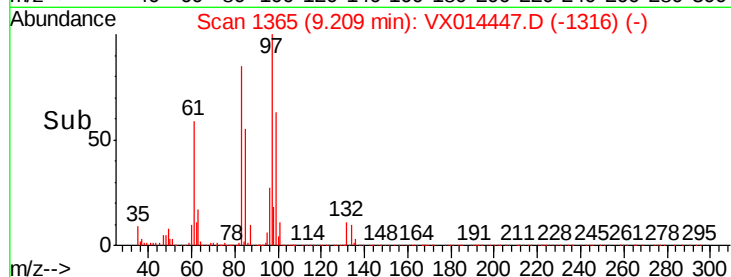
#55
 1,1,2-Trichloroethane
 Concen: 18.868 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	110243
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	55.5	43.4	65.2
99	62.3	49.6	74.4

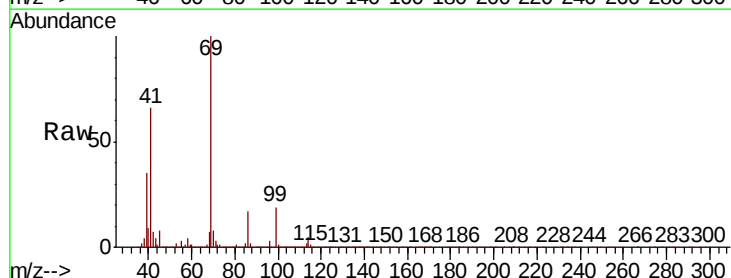


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

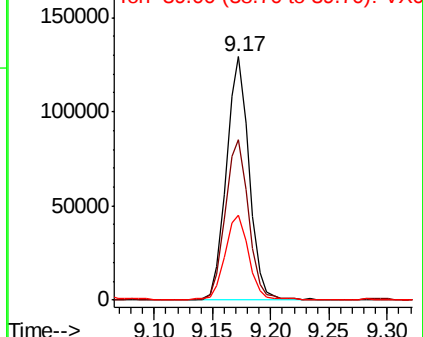
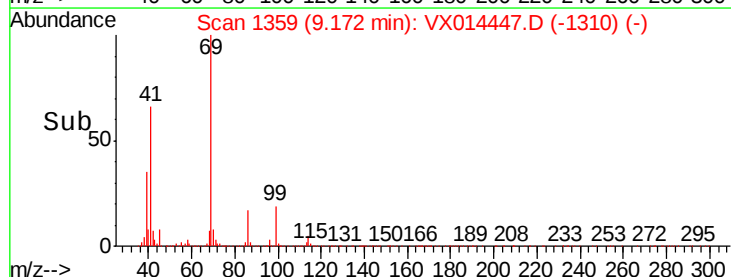


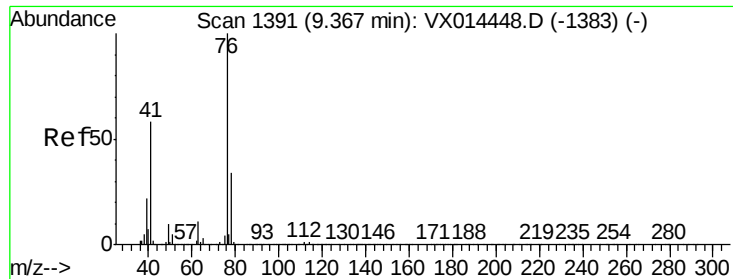
#56
 Ethyl methacrylate
 Concen: 19.038 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion:	69	Resp:	174310
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.2	81.2
39	36.2	28.2	42.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.296 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

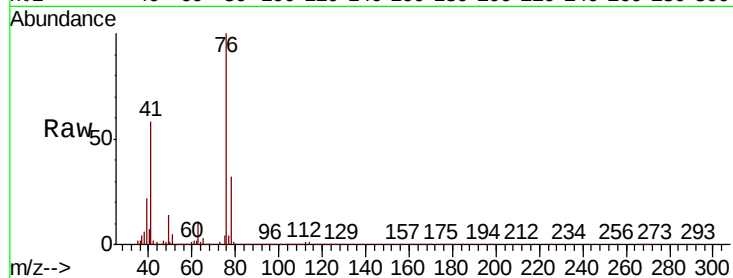
ClientSampled :

Tot Ion: 76 Resp: 188880

Ion Ratio Lower Upper

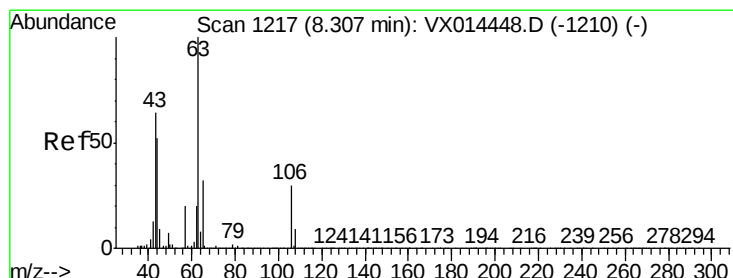
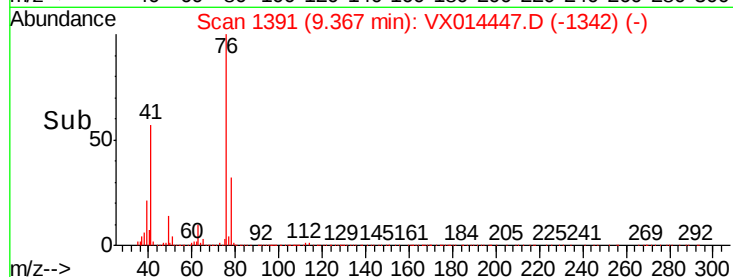
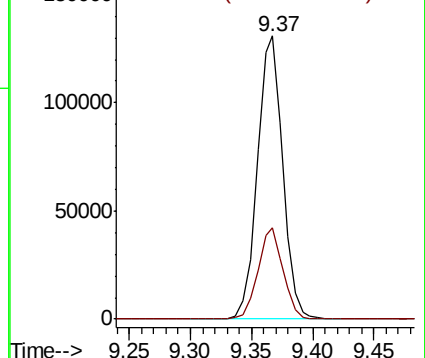
76 100

78 31.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.195 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014447.D

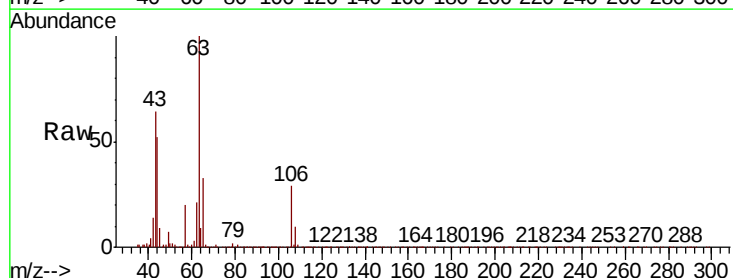
Acq: 07 Jan 2020 14:21

Tgt Ion: 63 Resp: 308348

Ion Ratio Lower Upper

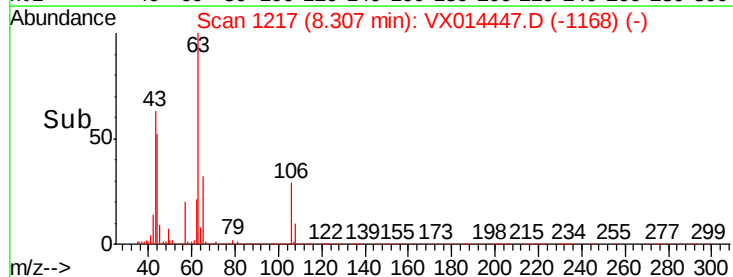
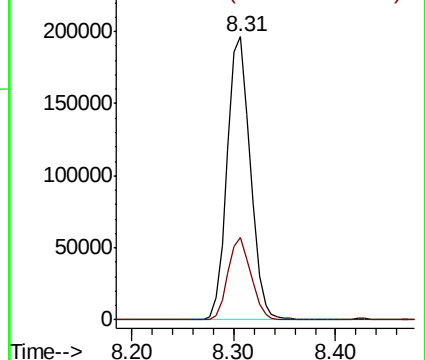
63 100

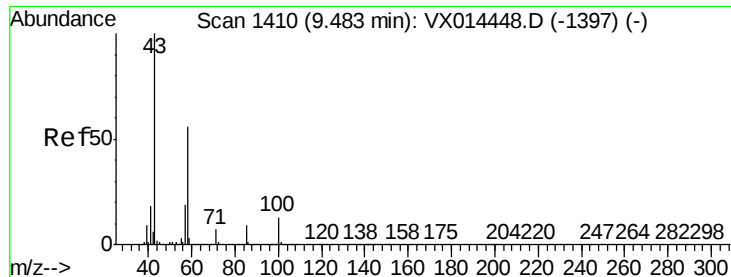
106 28.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

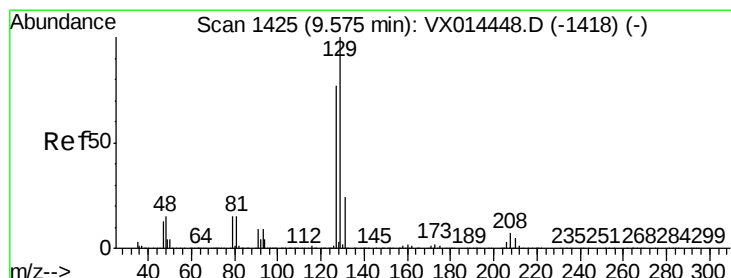
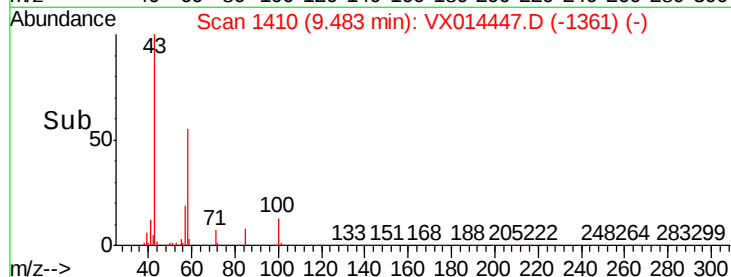
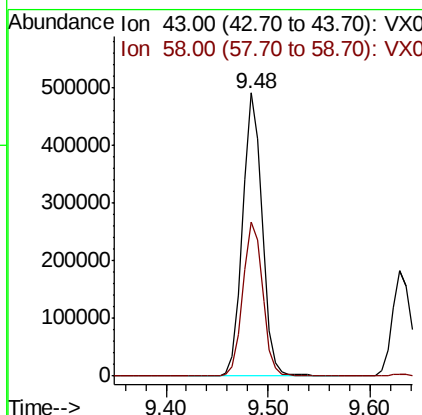
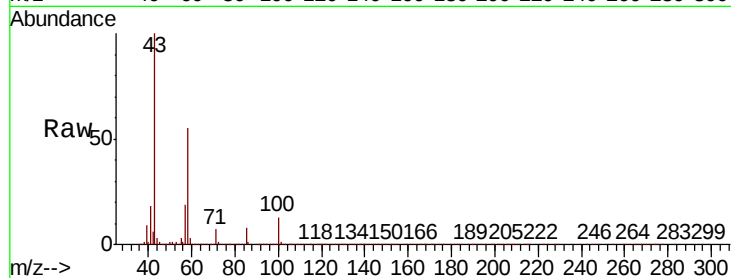




#59
2-Hexanone
Concen: 94.284 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

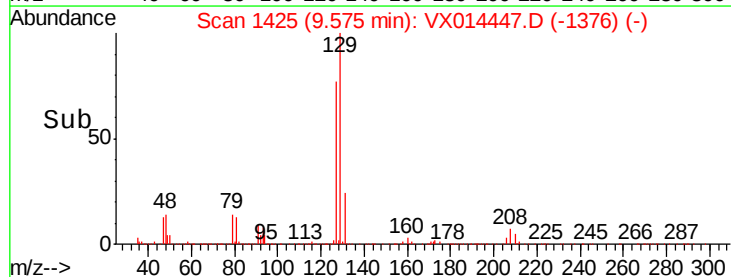
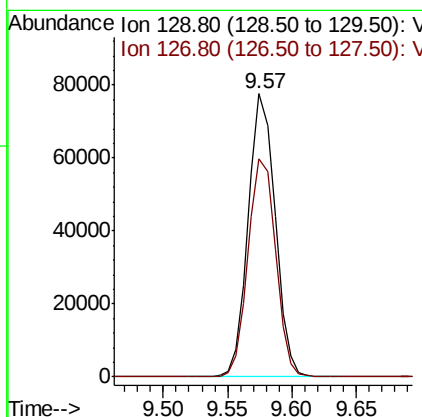
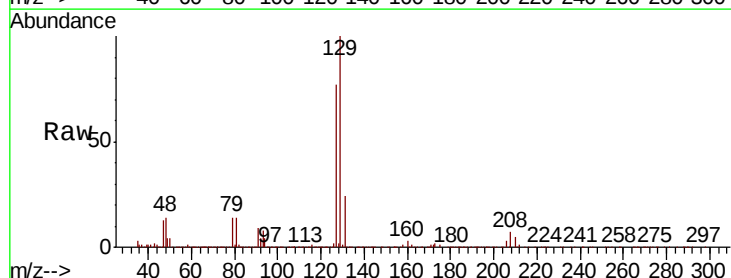
Instrument :
MSVOA_X
ClientSampled :

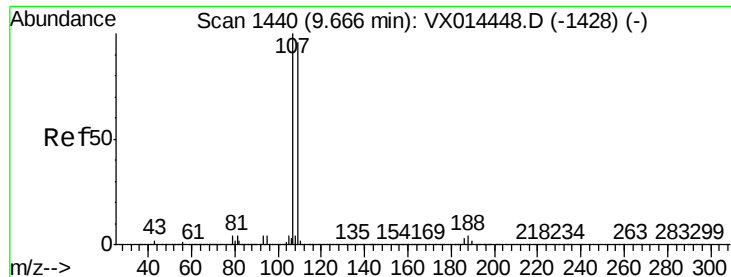
Tot Ion: 43 Resp: 646143
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.7



#60
Dibromochloromethane
Concen: 19.187 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:129 Resp: 111710
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.530 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

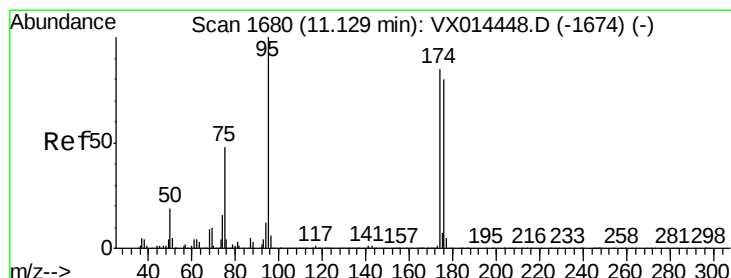
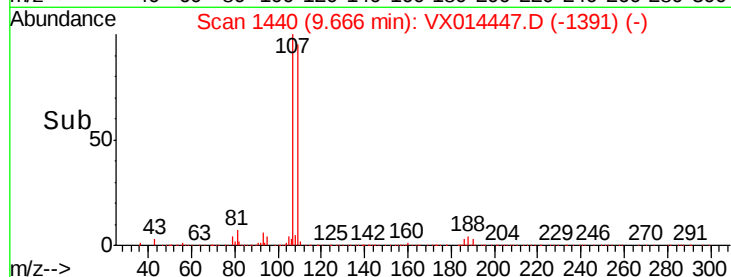
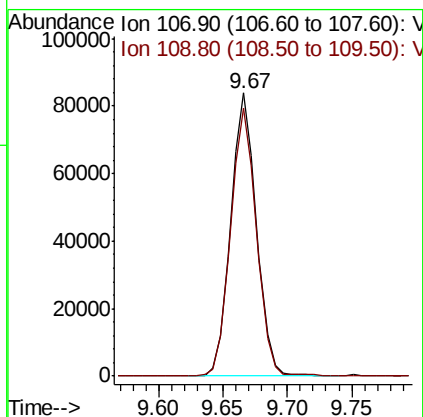
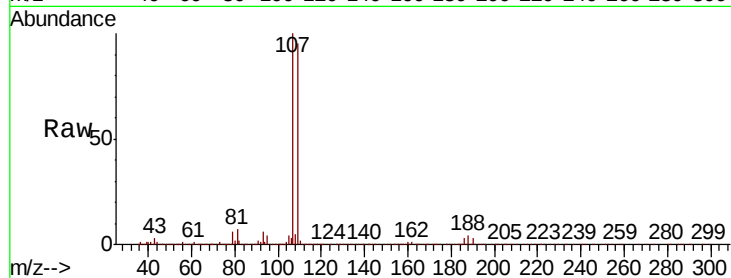
ClientSampleId :

Tot Ion:107 Resp: 116756

Ion Ratio Lower Upper

107 100

109 94.8 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 19.647 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

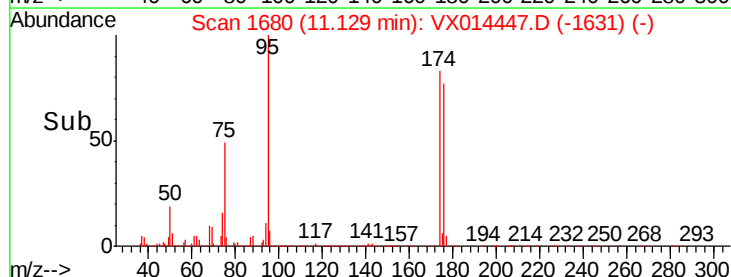
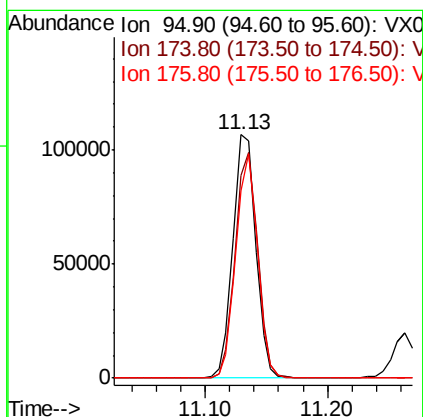
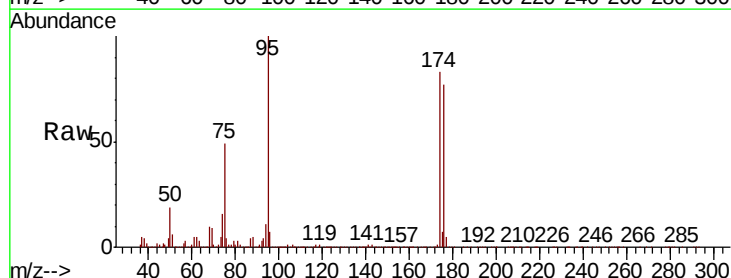
Tgt Ion: 95 Resp: 137321

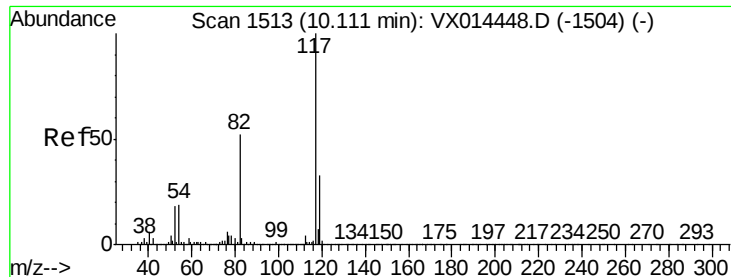
Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.8

176 87.4 0.0 172.8

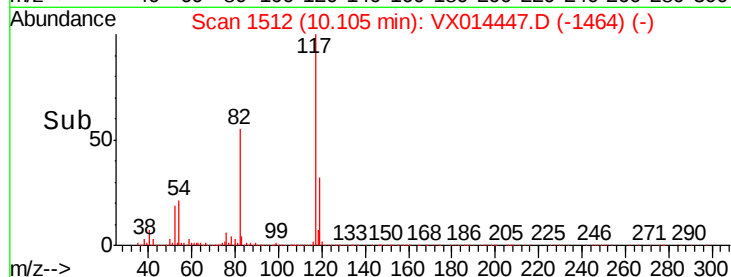
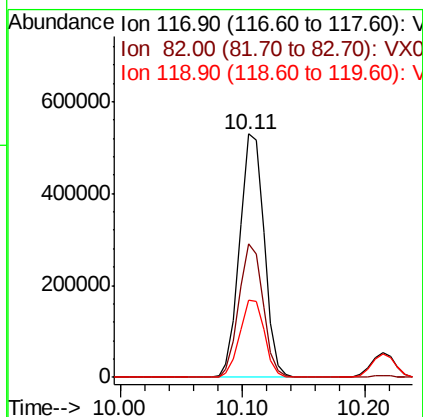
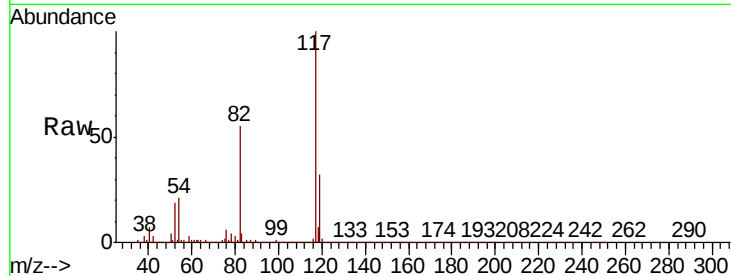




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

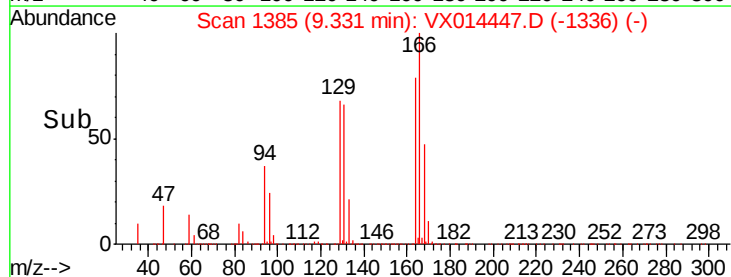
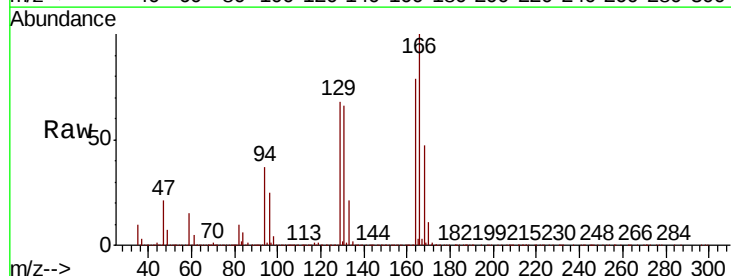
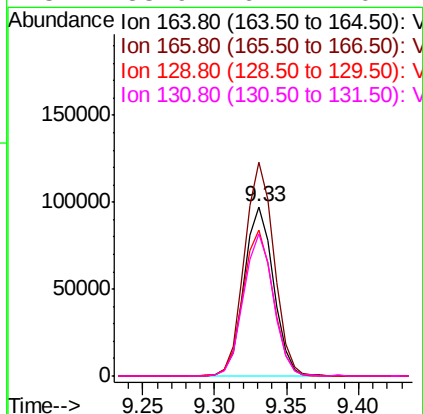
Instrument :
MSVOA_X
ClientSampleId :

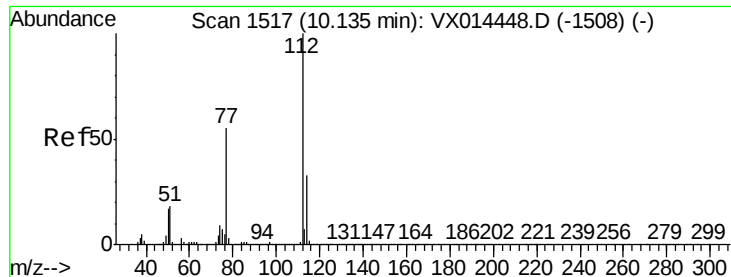
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.8	62.6
119	31.8	26.2	39.4



#64
Tetrachloroethene
Concen: 20.474 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.2	151.8
129	86.4	68.3	102.5
131	83.9	67.4	101.2

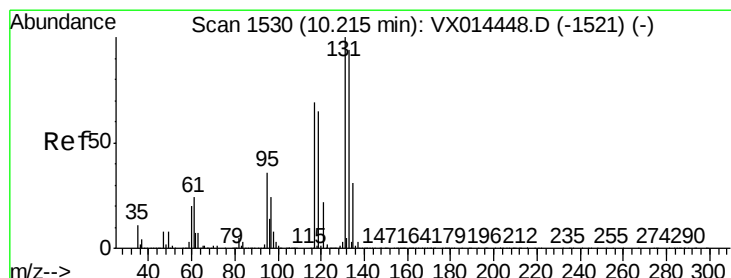
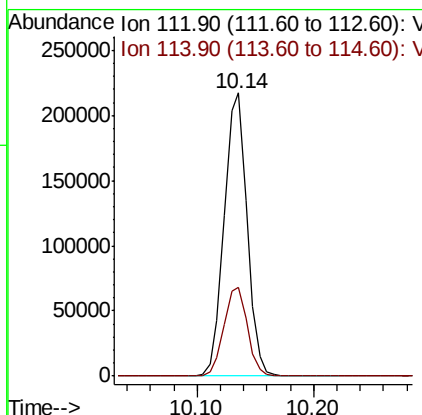
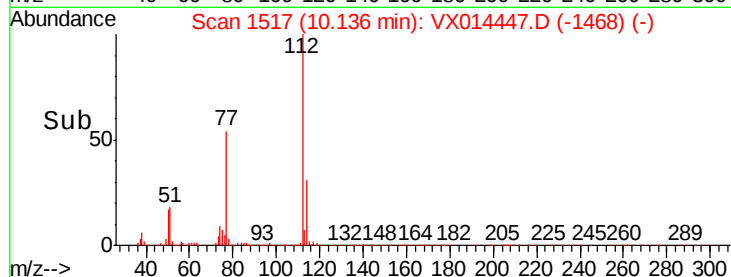
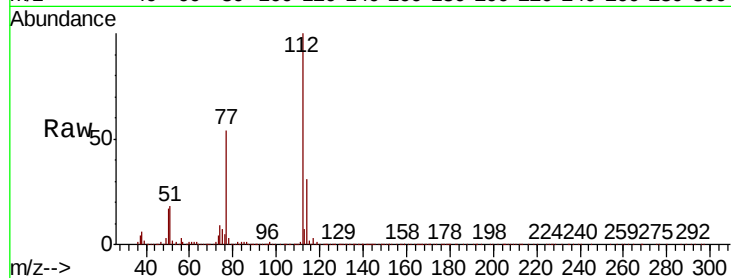




#65
Chlorobenzene
Concen: 18.770 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

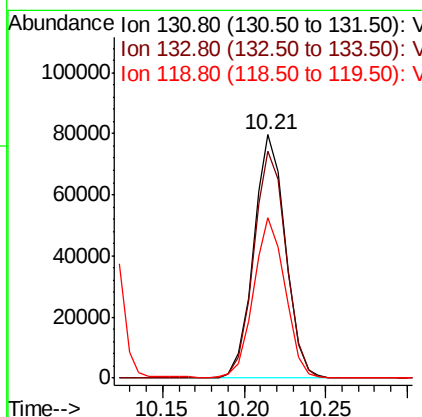
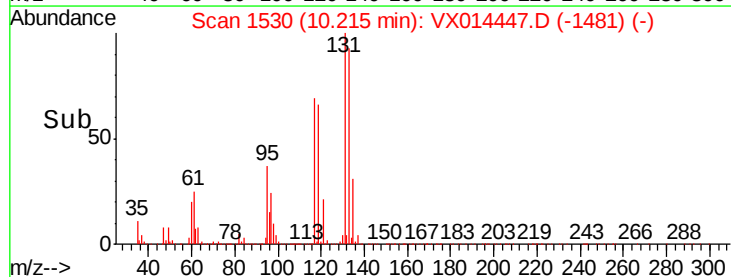
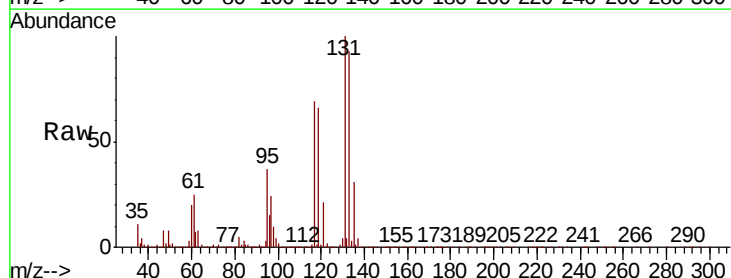
Instrument :
MSVOA_X
ClientSampleId :

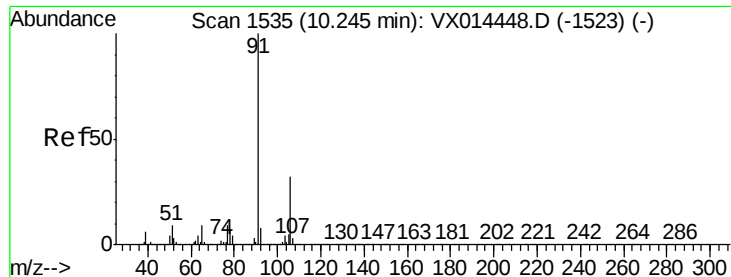
Tot Ion:112 Resp: 294731
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.250 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:131 Resp: 107983
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 65.2 32.8 98.4

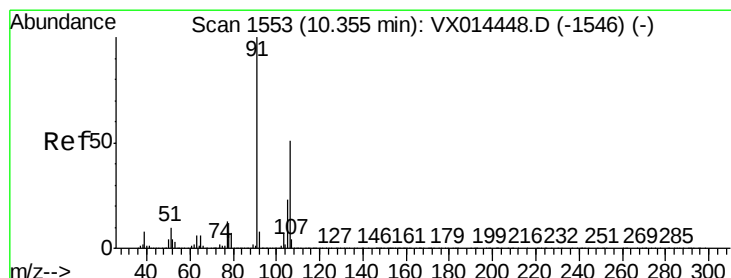
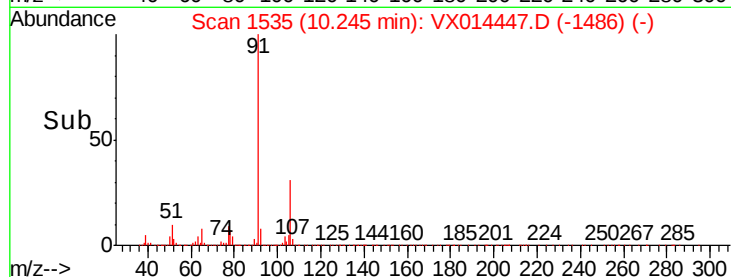
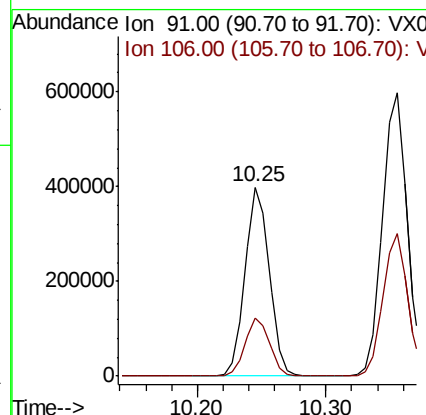
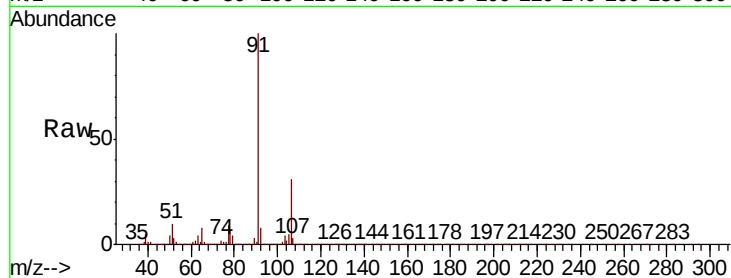




#67
Ethyl Benzene
Concen: 19.135 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

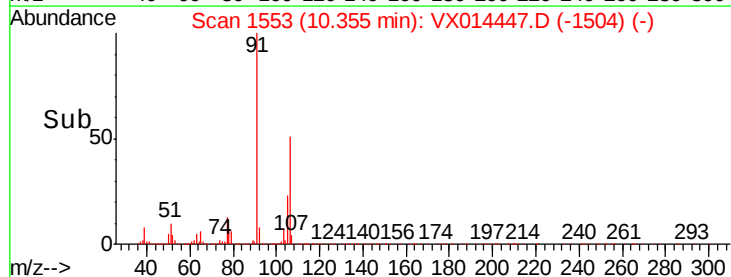
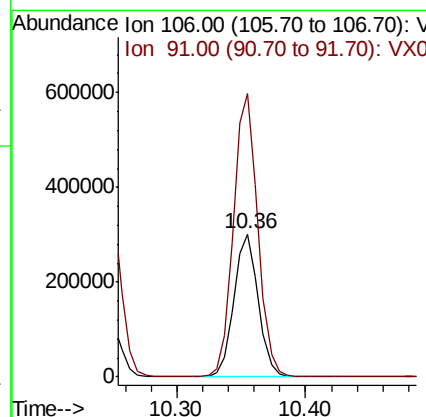
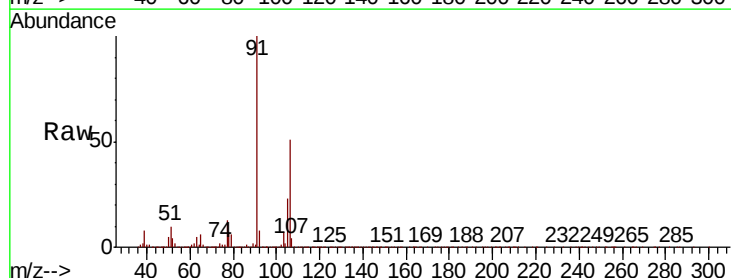
Instrument :
MSVOA_X
ClientSampleId :

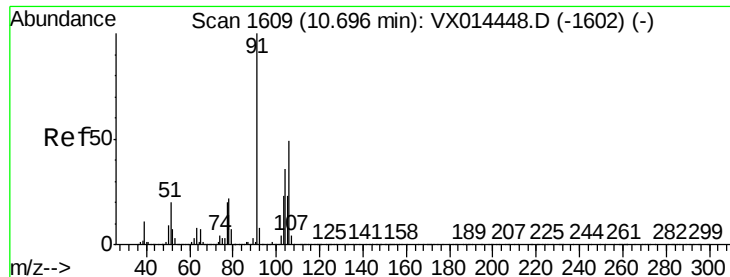
Tot Ion: 91 Resp: 515682
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 38.235 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 106 Resp: 397017
Ion Ratio Lower Upper
106 100
91 198.9 157.4 236.0

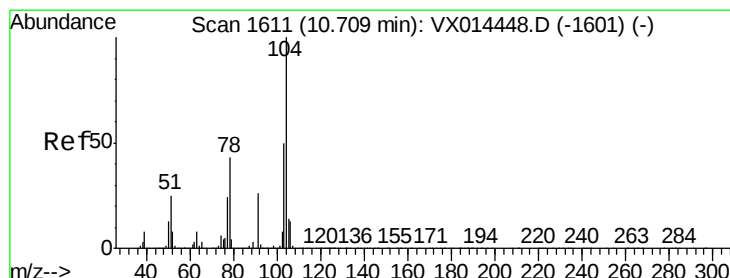
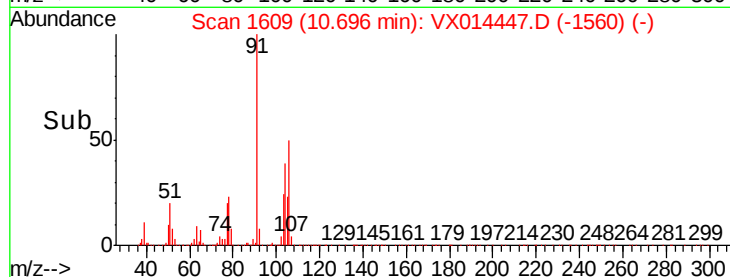
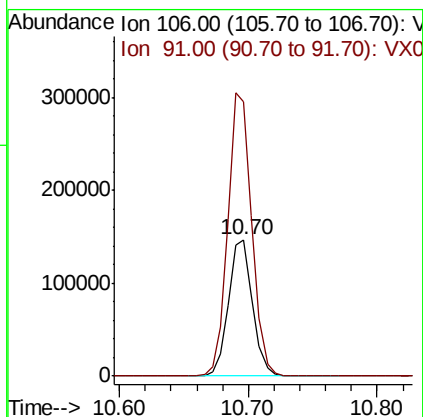
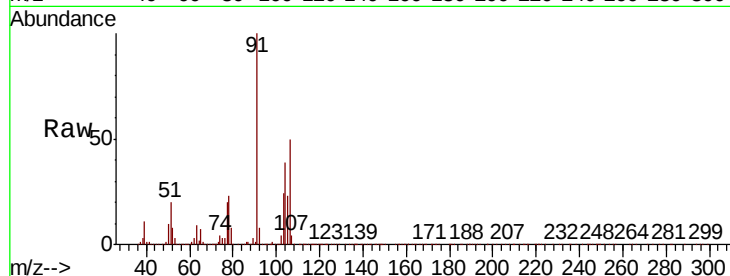




#69
o-Xylene
Concen: 18.913 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

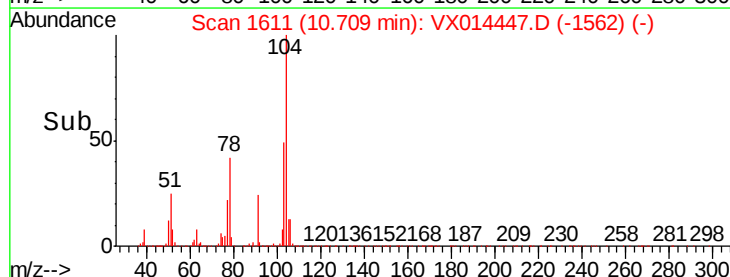
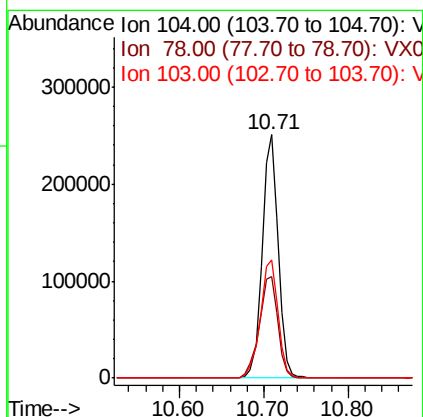
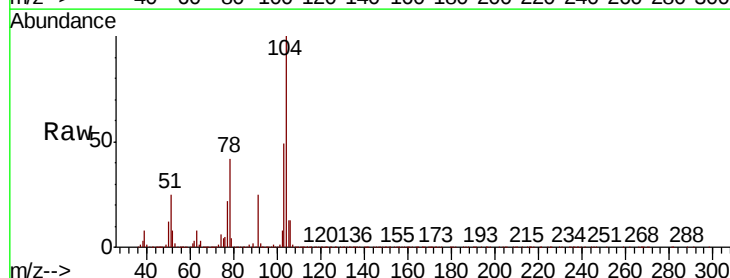
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 191767
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1



#70
Styrene
Concen: 19.049 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:104 Resp: 326887
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.1 43.7 65.5





#71

Bromoform

Concen: 18.657 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

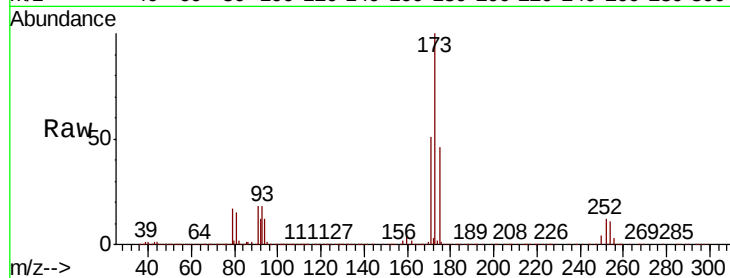
Tot Ion:173 Resp: 84428

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

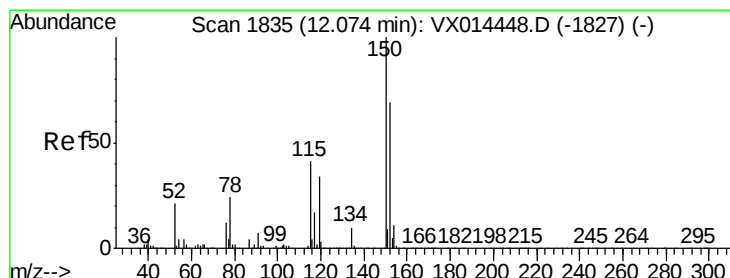
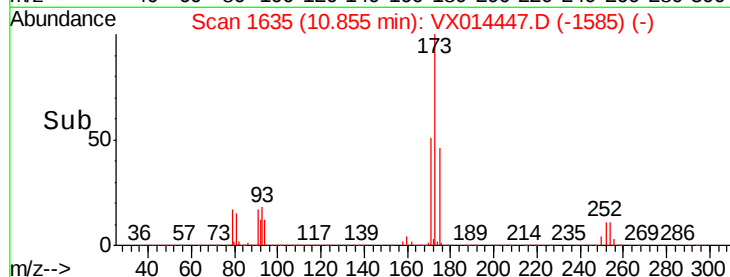
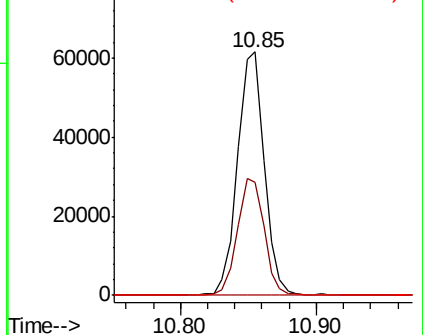
254 0.5 0.2 0.2#



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: VX014447.D

Acq: 07 Jan 2020 14:21

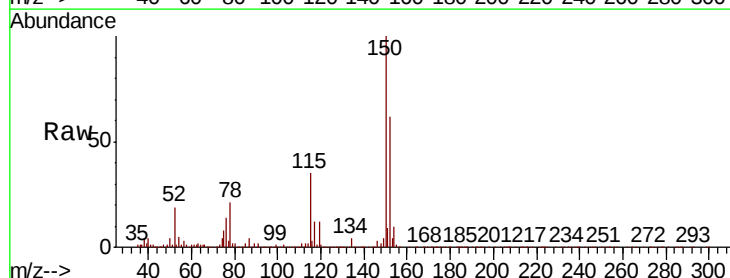
Tgt Ion:152 Resp: 374506

Ion Ratio Lower Upper

152 100

115 64.2 39.5 118.3

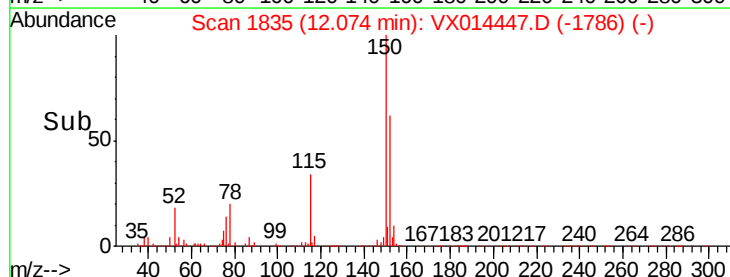
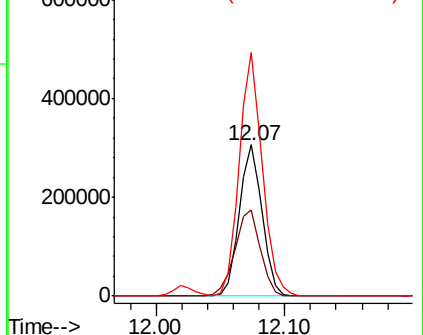
150 163.5 0.0 350.2

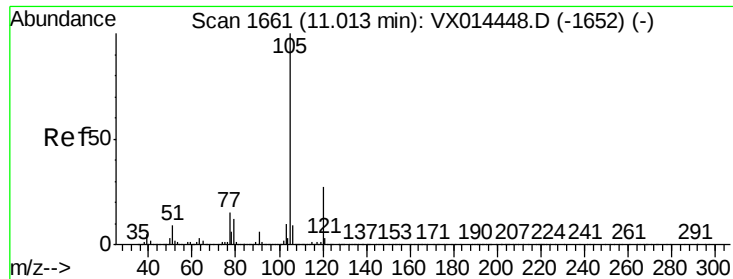


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.304 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

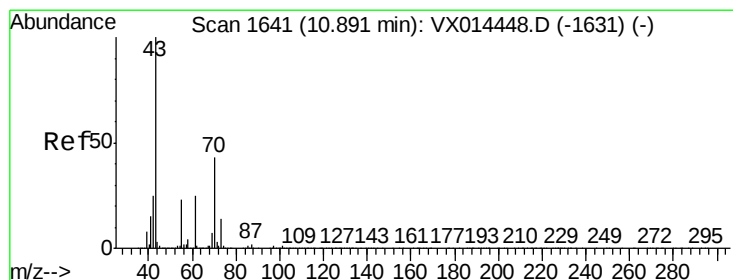
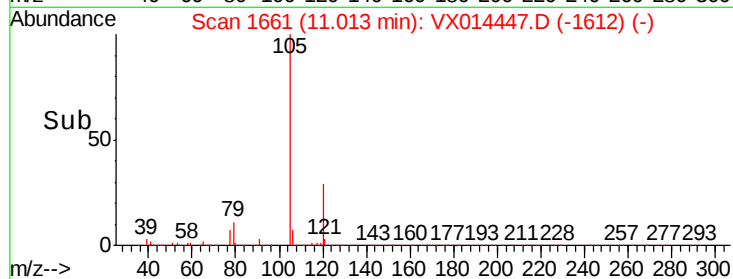
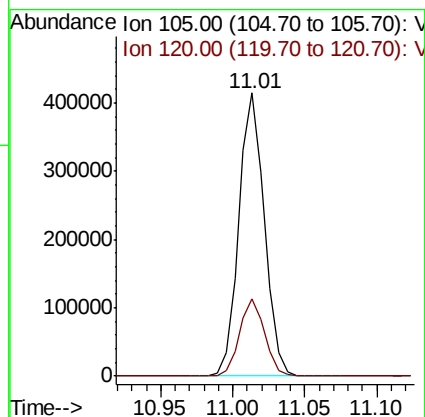
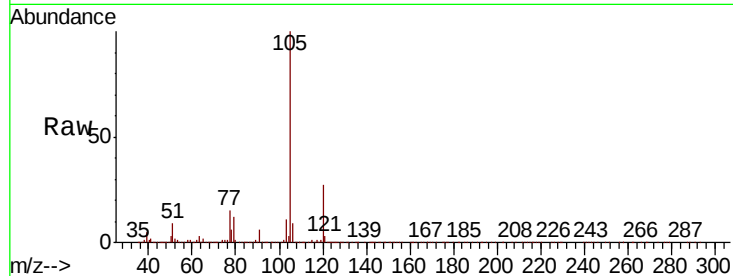
ClientSampleId :

Tot Ion:105 Resp: 511012

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 17.941 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion: 43 Resp: 220473

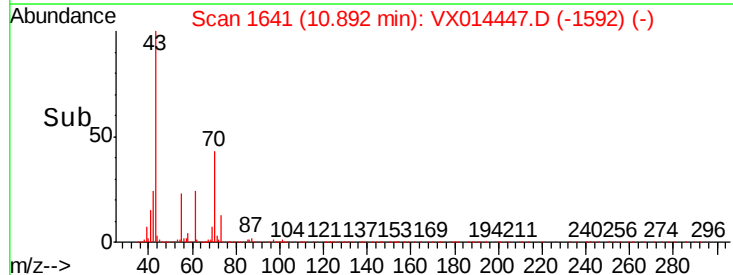
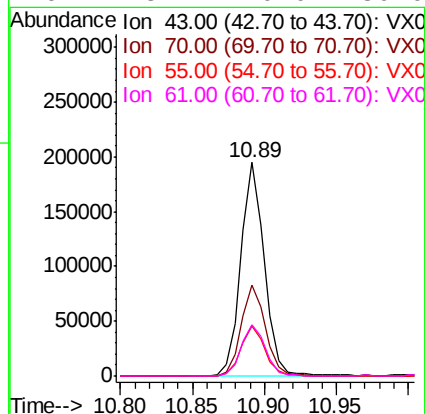
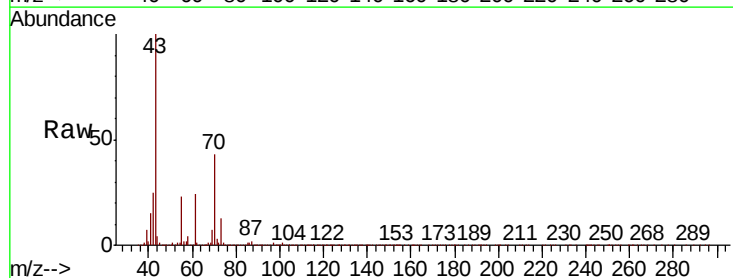
Ion Ratio Lower Upper

43 100

70 43.7 35.1 52.7

55 23.9 19.3 28.9

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.583 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

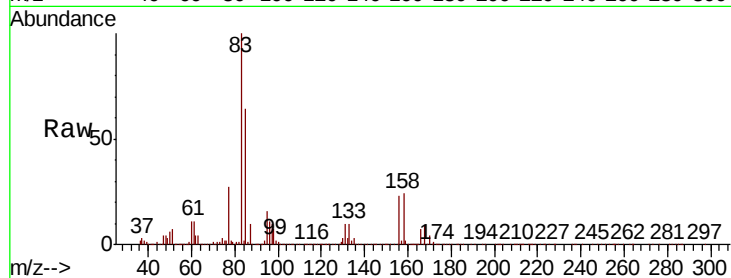
Tot Ion: 83 Resp: 158809

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.4
85	65.1	32.5	97.4

83 100

131 10.0 5.1 15.4

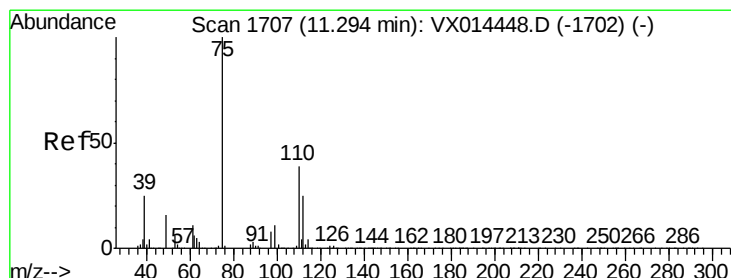
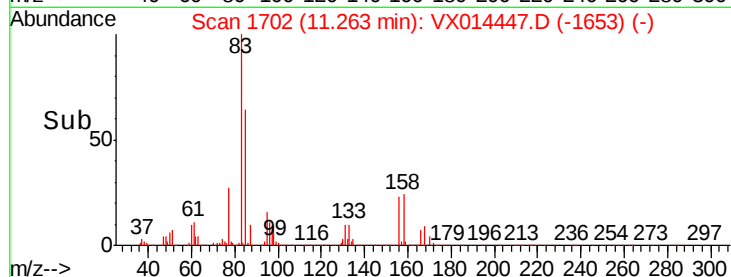
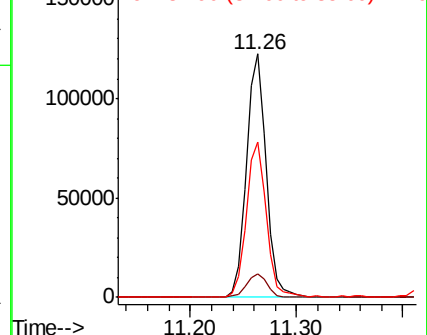
85 65.1 32.5 97.4



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: 24.512 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014447.D

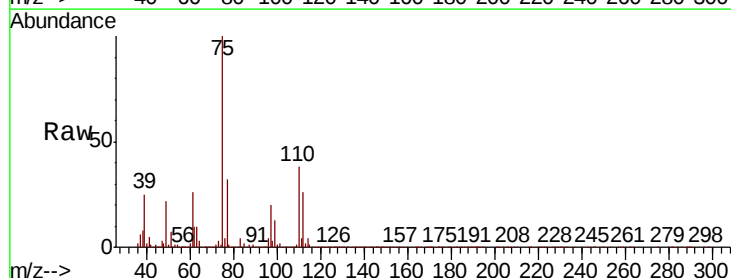
Acq: 07 Jan 2020 14:21

Tgt Ion: 75 Resp: 194781

Ion	Ratio	Lower	Upper
75	100		
77	30.3	21.9	65.7

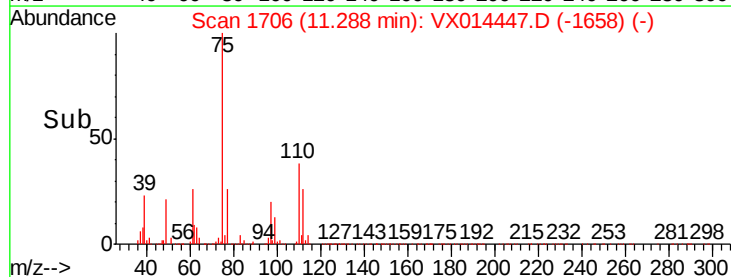
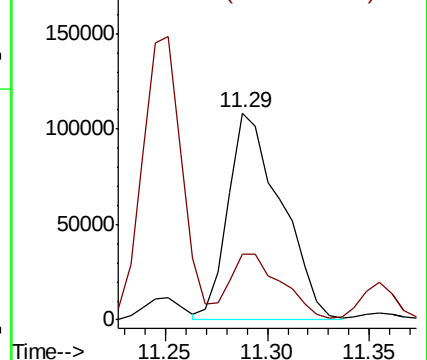
75 100

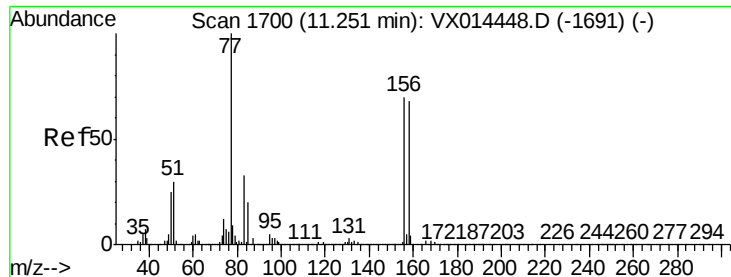
77 30.3 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.094 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

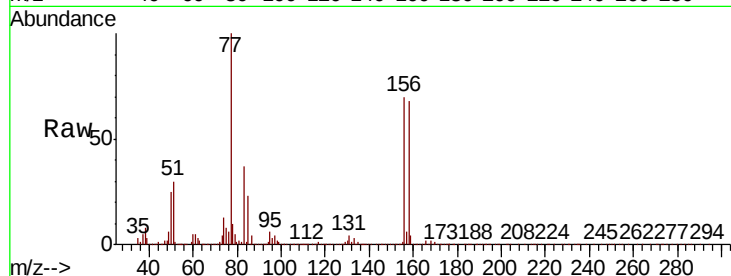
Tot Ion:156 Resp: 131954

Ion Ratio Lower Upper

156 100

77 150.1 75.4 226.3

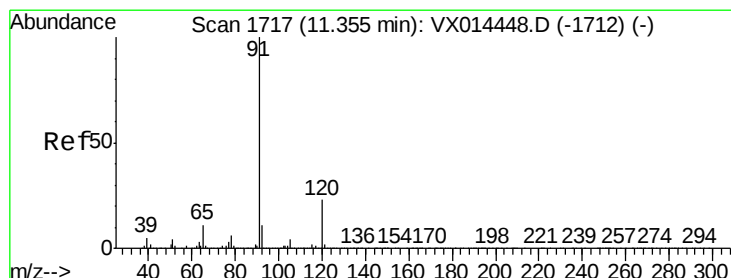
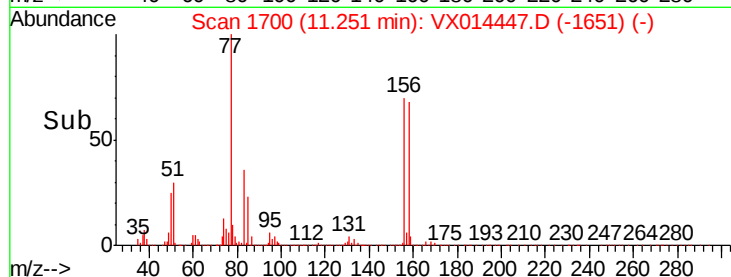
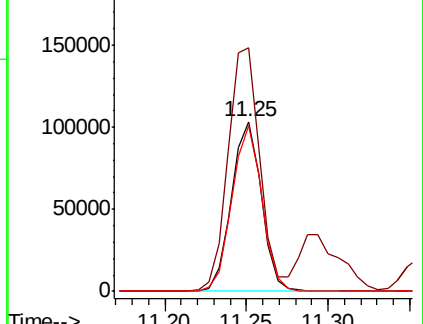
158 97.8 48.8 146.3



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: 19.475 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014447.D

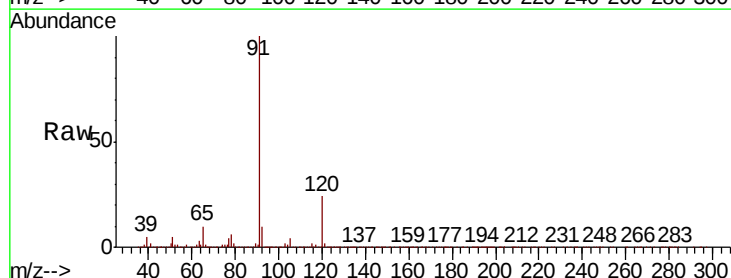
Acq: 07 Jan 2020 14:21

Tgt Ion: 91 Resp: 578208

Ion Ratio Lower Upper

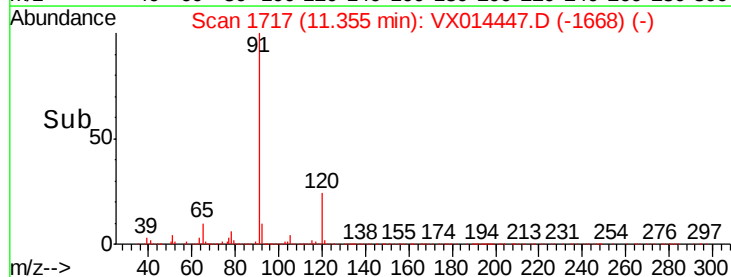
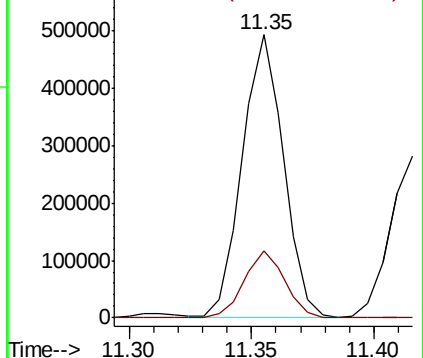
91 100

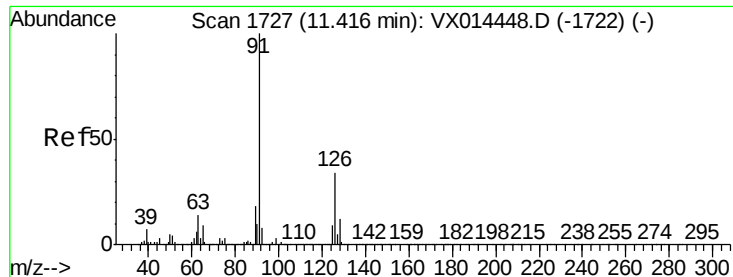
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

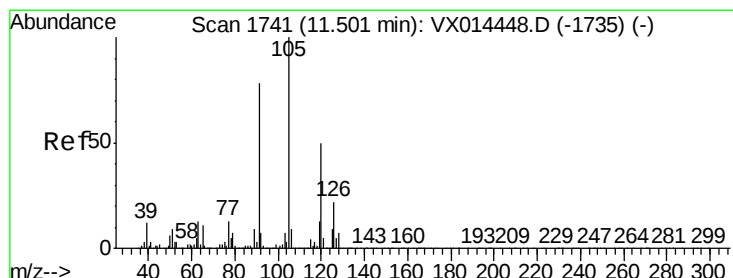
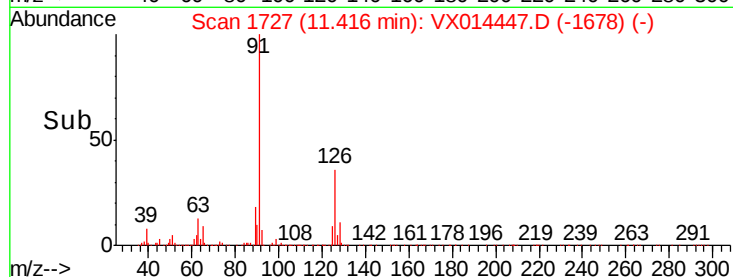
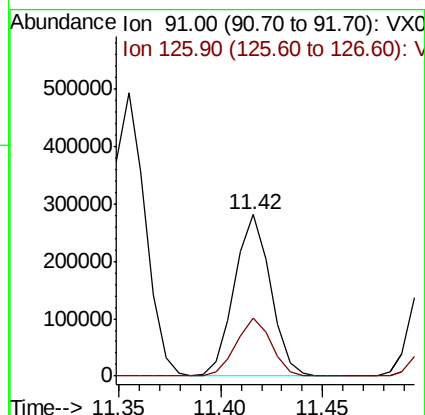
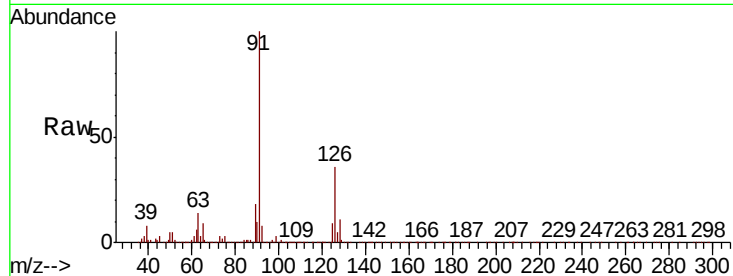




#79
2-Chlorotoluene
Concen: 19.068 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

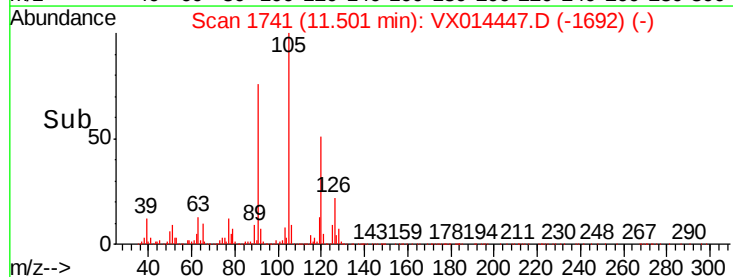
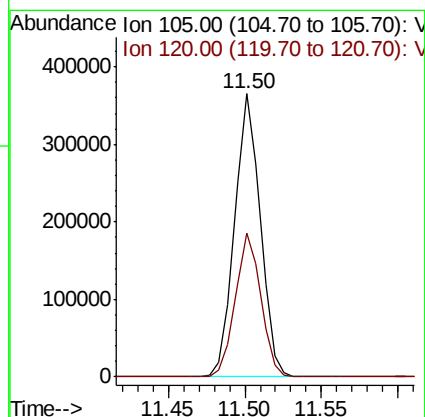
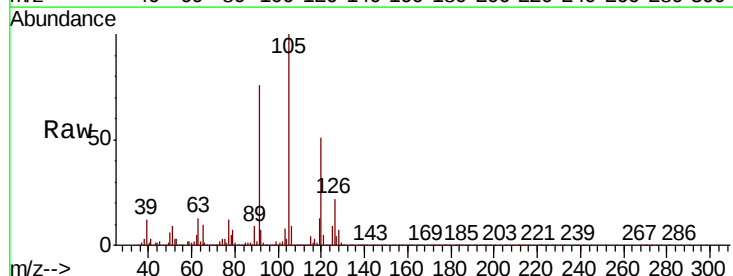
Instrument :
MSVOA_X
ClientSampleId :

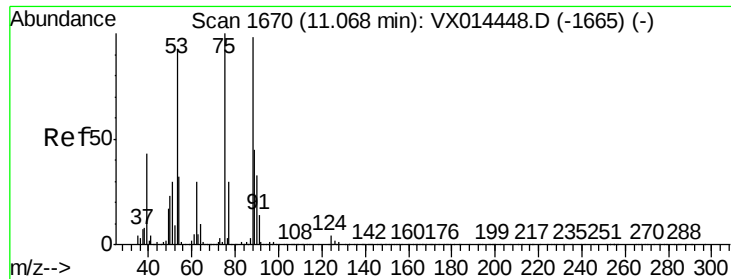
Tot Ion: 91 Resp: 342947
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.018 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:105 Resp: 423196
Ion Ratio Lower Upper
105 100
120 50.6 25.2 75.6

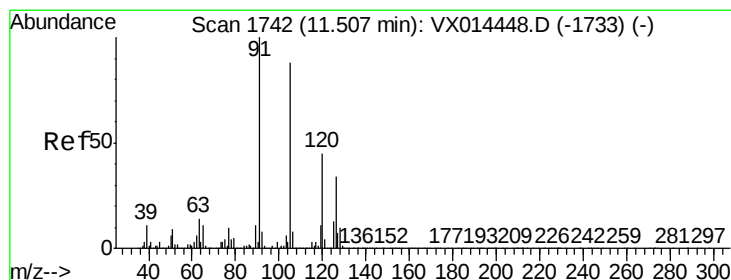
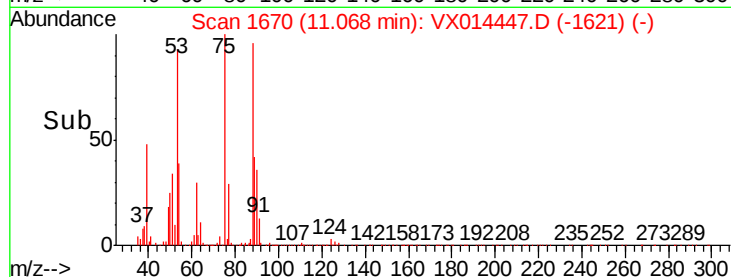
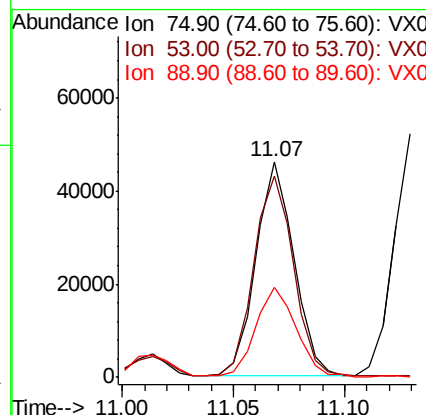
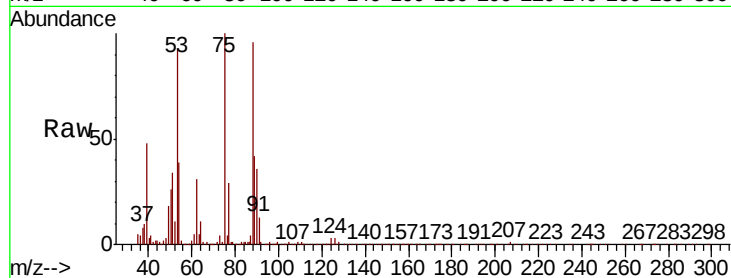




#81
trans-1,4-Dichloro-2-butene
Concen: 18.866 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

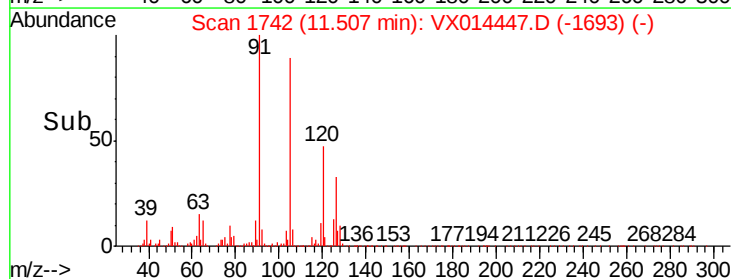
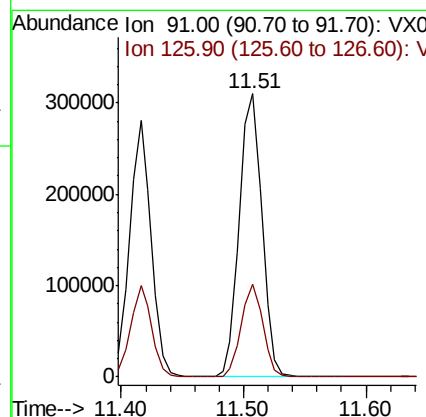
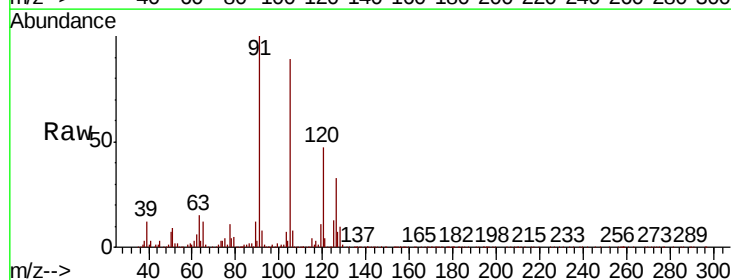
Instrument :
MSVOA_X
ClientSampleId :

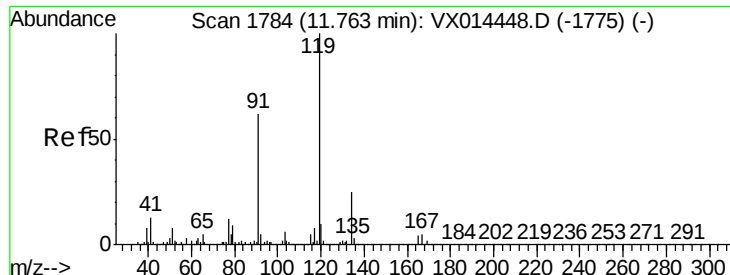
Tot Ion: 75 Resp: 54706
Ion Ratio Lower Upper
75 100
53 98.0 74.8 112.2
89 44.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.843 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 91 Resp: 394312
Ion Ratio Lower Upper
91 100
126 31.2 15.9 47.7

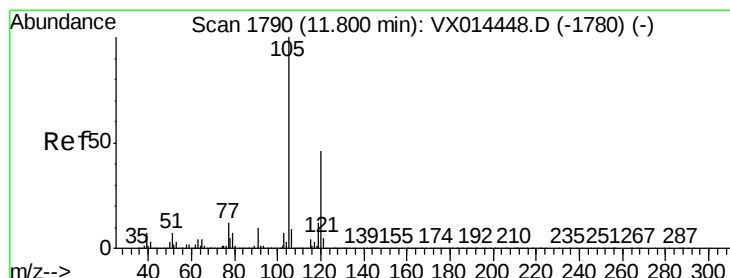
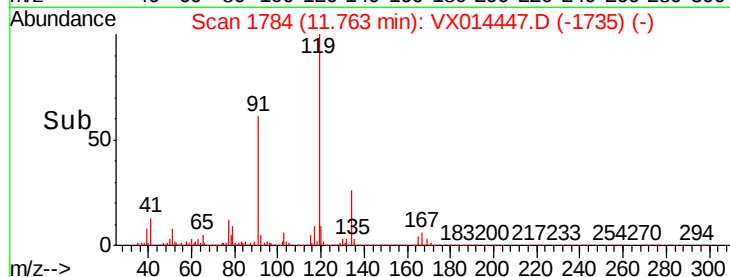
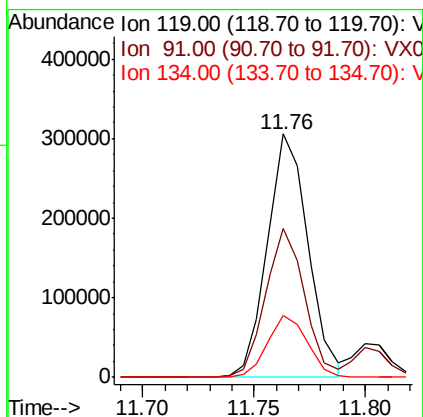
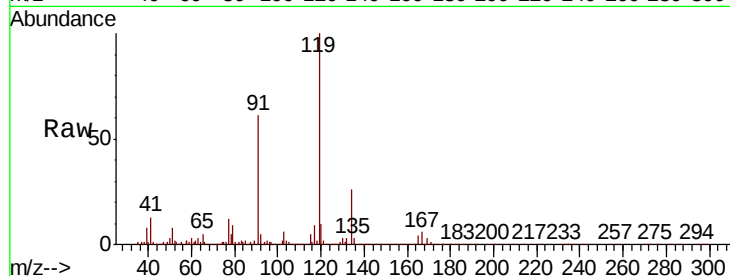




#83
tert-Butylbenzene
Concen: 18.062 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

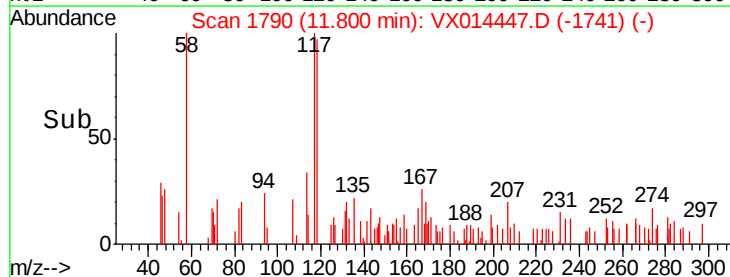
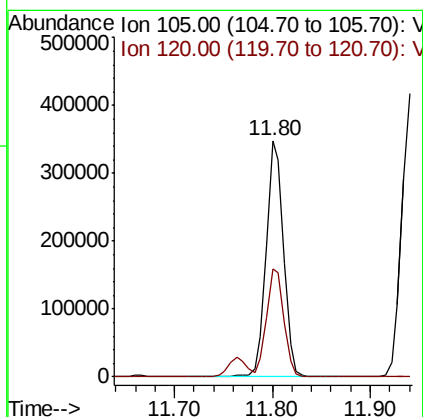
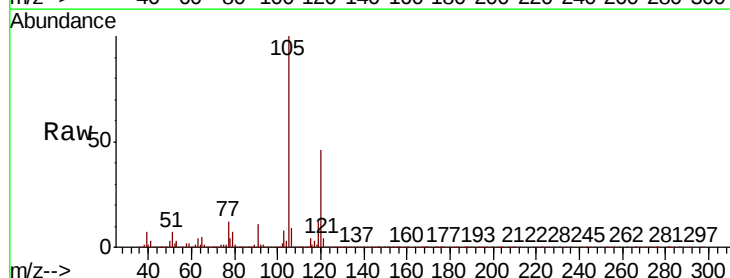
Instrument :
MSVOA_X
ClientSampleId :

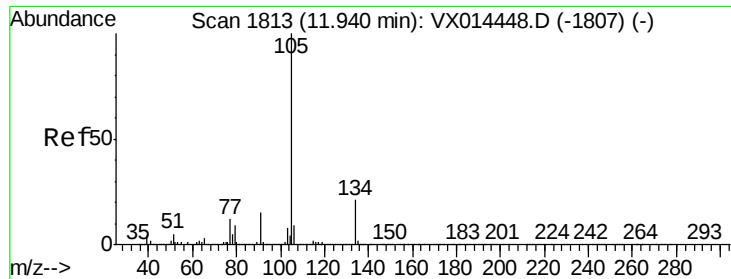
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.3	88.0
134	25.0	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.241 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

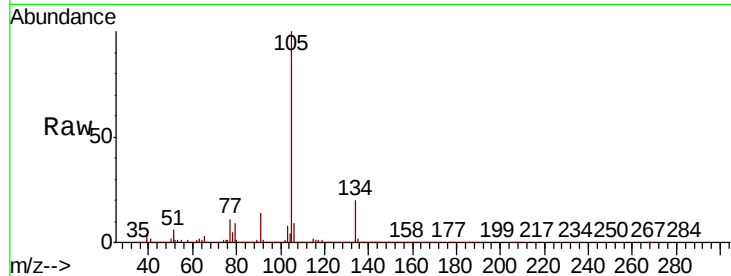
ClientSampleId :

Tot Ion:105 Resp: 492975

Ion Ratio Lower Upper

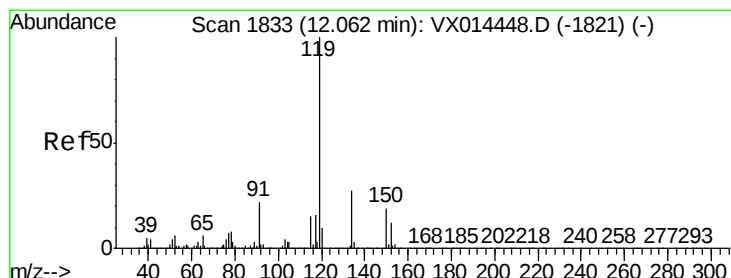
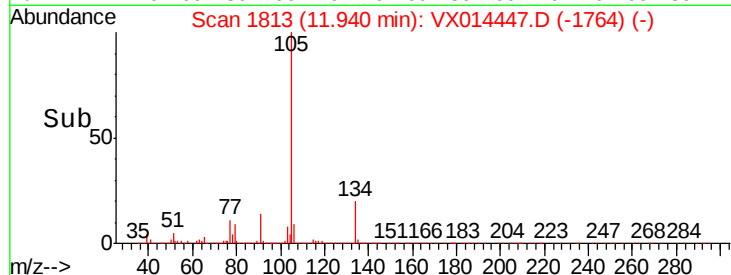
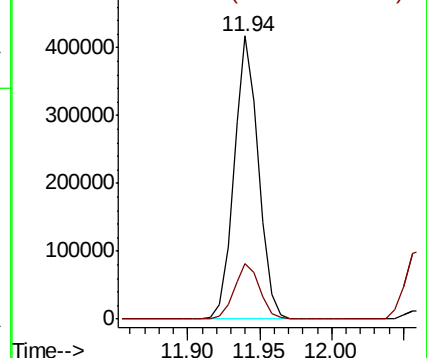
105 100

134 20.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.411 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

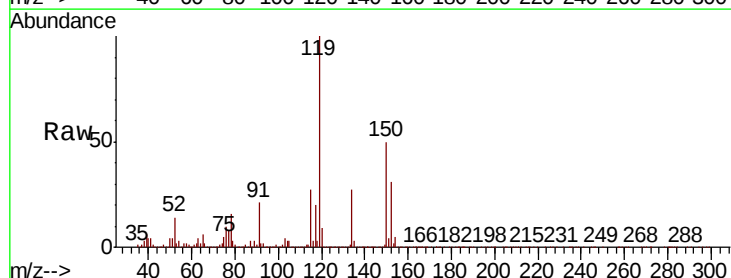
Tgt Ion:119 Resp: 455776

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

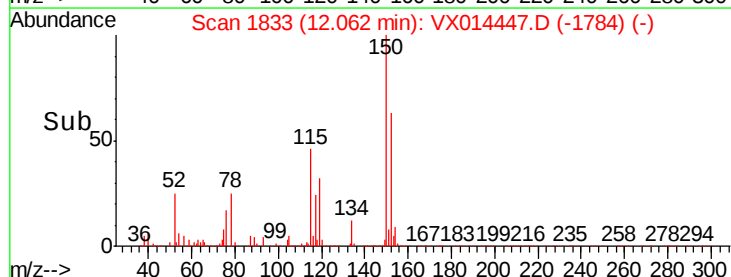
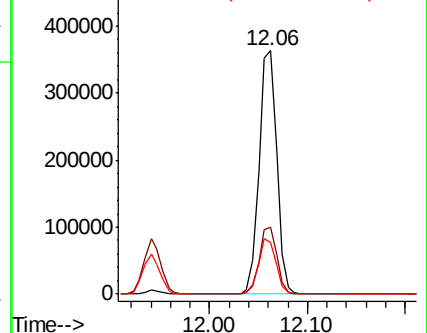
91 22.6 11.1 33.3

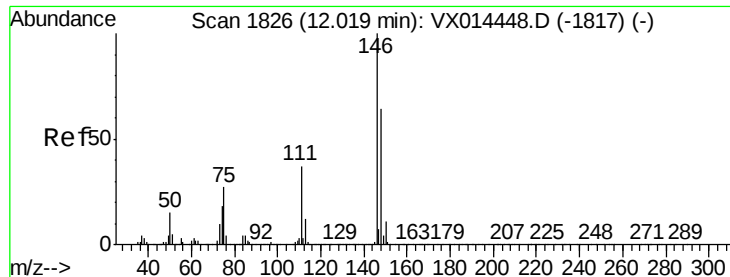


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.689 ug/l

RT: 12.02 min Scan# 1826

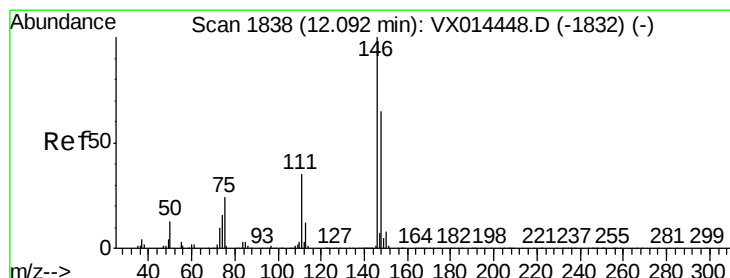
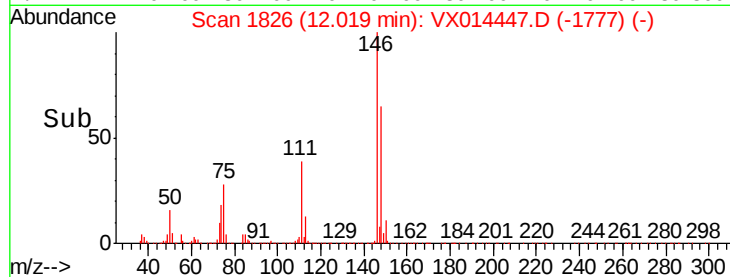
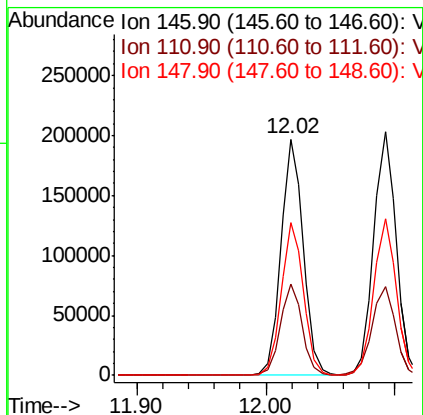
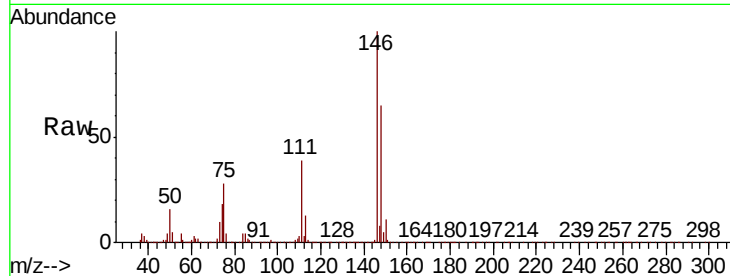
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 18.385 ug/l

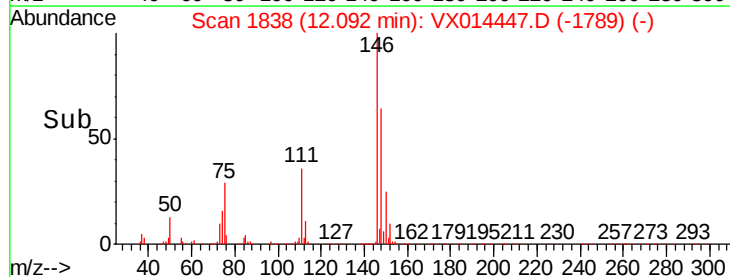
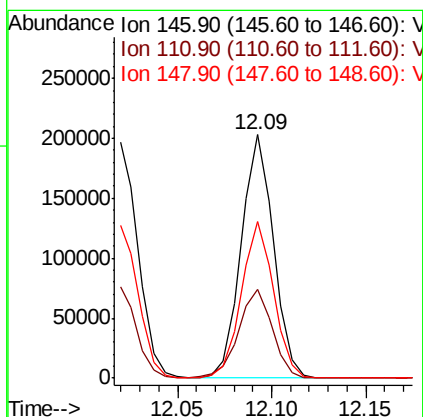
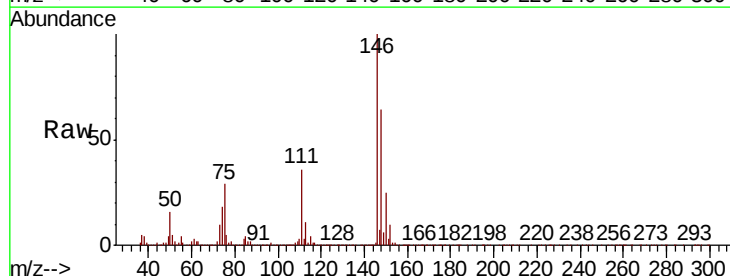
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	64.3	32.1	96.3

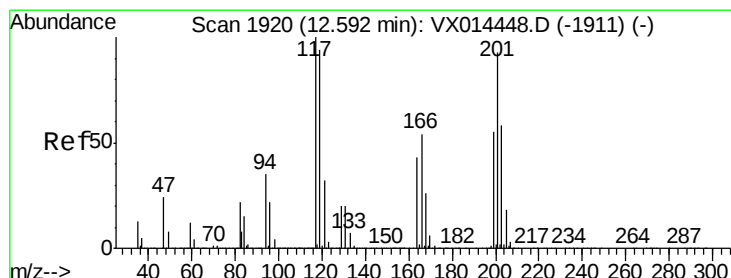
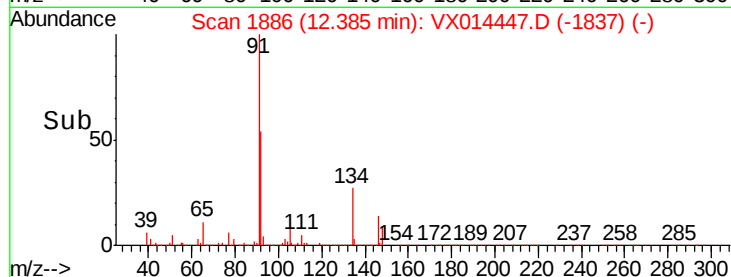
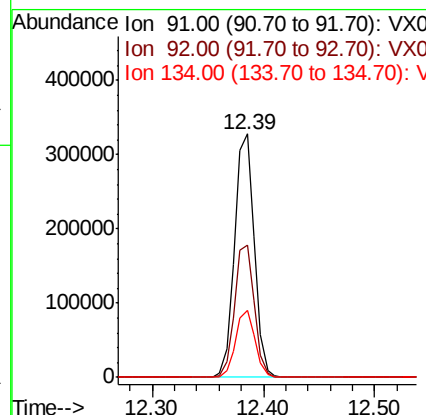
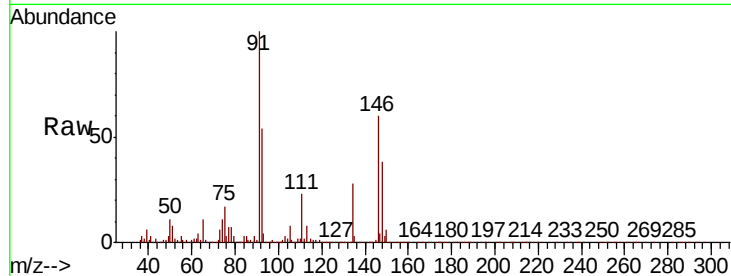




#89
n-Butylbenzene
Concen: 19.868 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

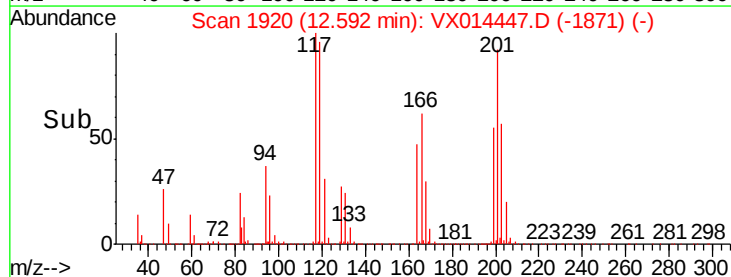
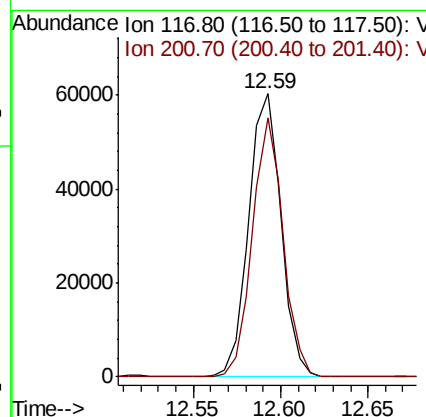
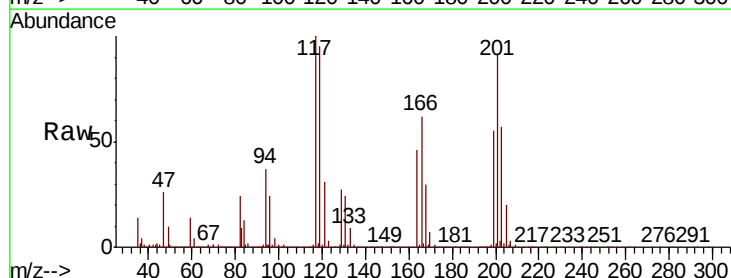
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 399767
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.2 13.9 41.7



#90
Hexachloroethane
Concen: 18.434 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 117 Resp: 77408
Ion Ratio Lower Upper
117 100
201 87.2 44.8 134.3

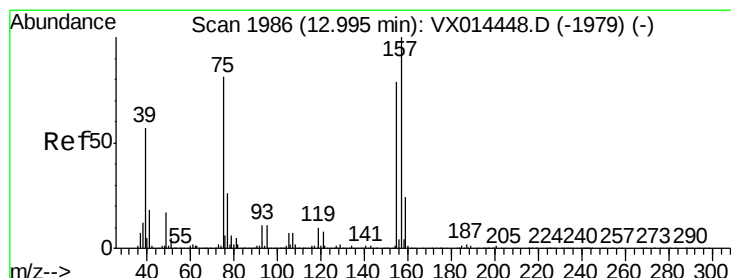
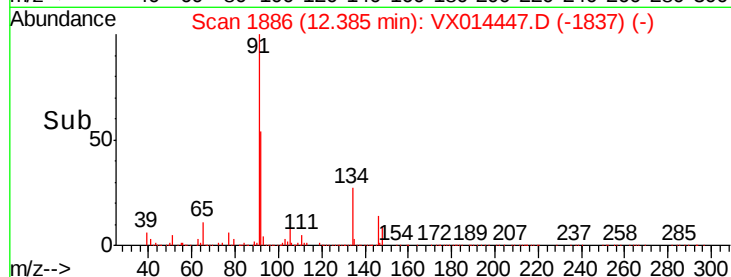
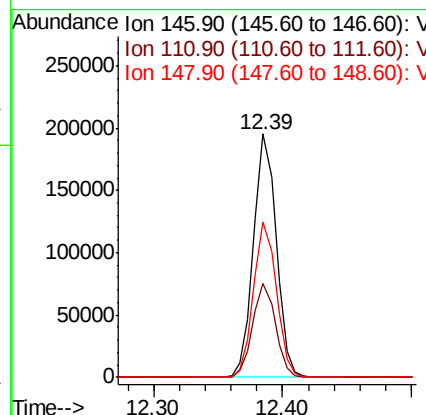
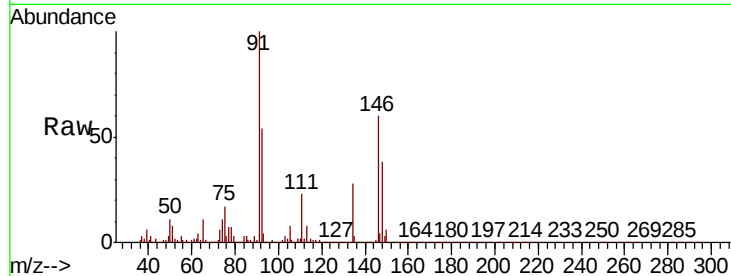




#91
 1,2-Dichlorobenzene
 Concen: 18.418 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

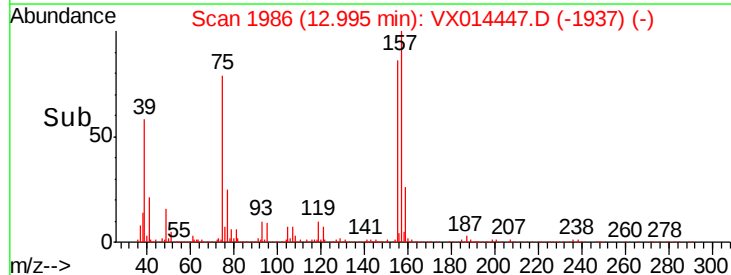
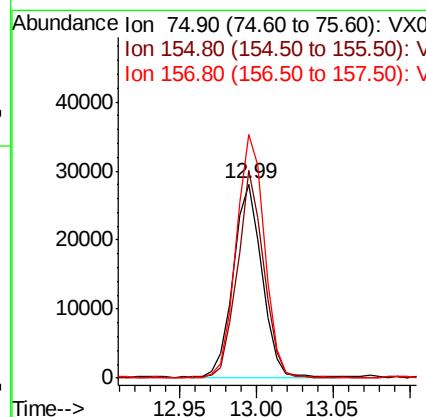
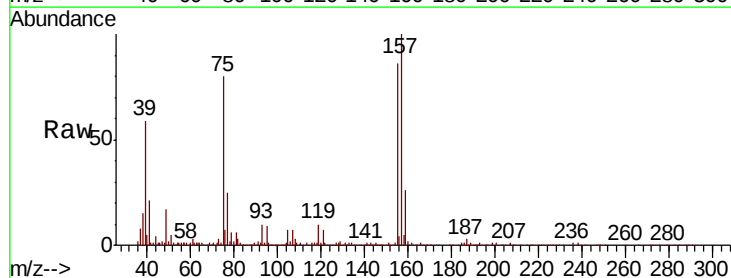
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.4
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.814 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	48.7	146.1
157	125.0	62.0	185.9

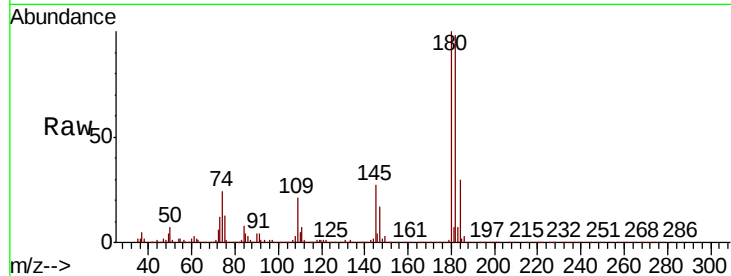




#93
 1,2,4-Trichlorobenzene
 Concen: 20.149 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.5
145	27.2	13.9	41.6

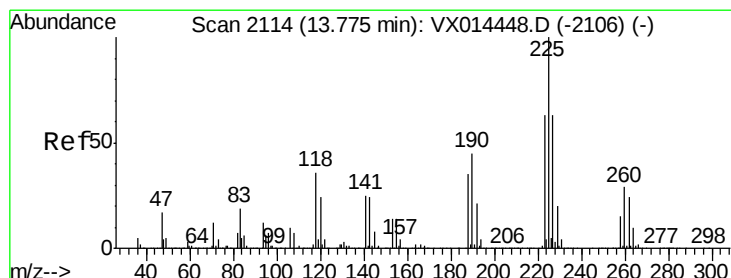
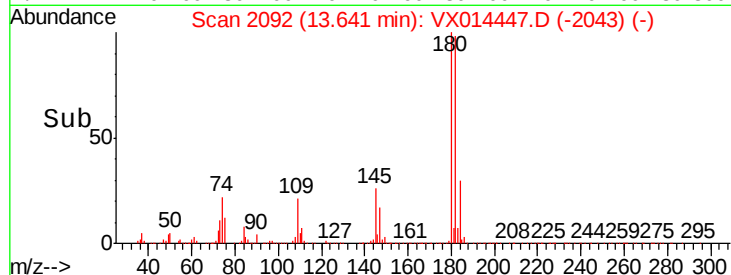
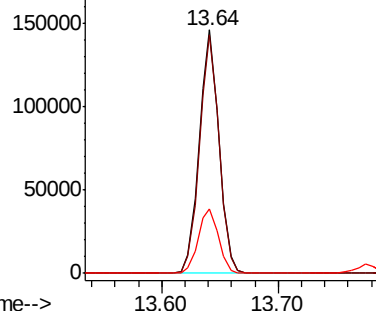


Abundance

Ion 179.80 (179.50 to 180.50): V

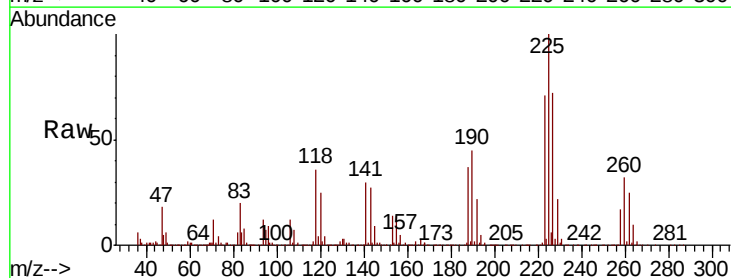
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.048 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	31.1	93.2
227	68.0	31.4	94.2

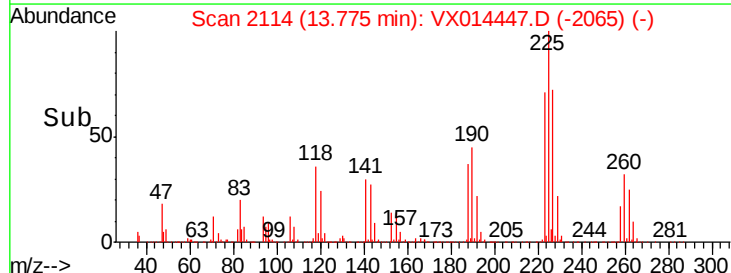
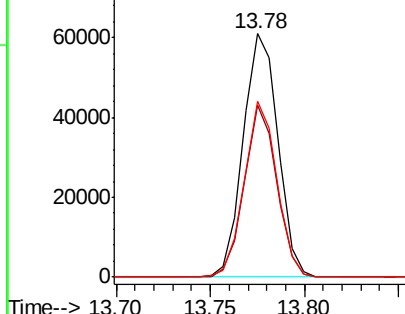


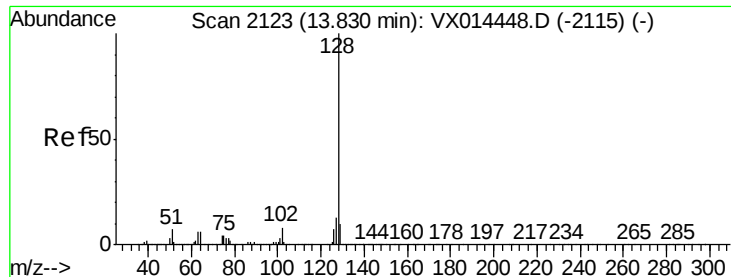
Abundance

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

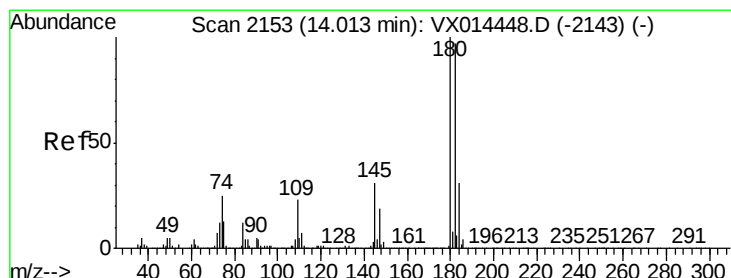
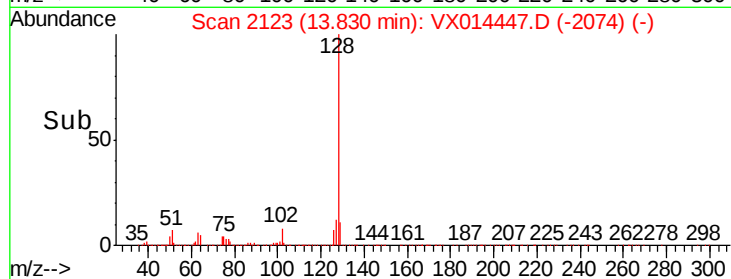
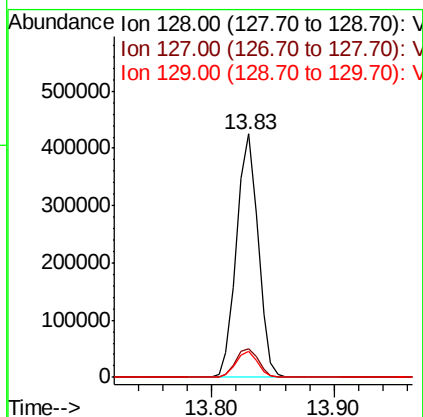
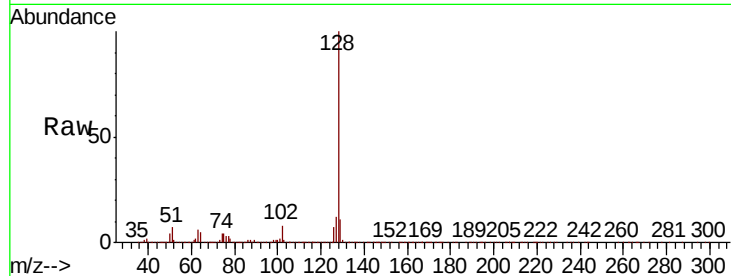




#95
Naphthalene
Concen: 20.733 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.997 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	29.7	14.8	44.3

