

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010620\
 Data File : VX014417.D
 Acq On : 06 Jan 2020 10:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 15:55:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	513700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	753731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	263198	45.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.42%	
35) Dibromofluoromethane	5.48	113	225427	49.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	843578	47.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	312025	47.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	189768	41.292	ug/l	99
3) Chloromethane	1.32	50	250816	40.667	ug/l	97
4) Vinyl Chloride	1.40	62	285620	43.889	ug/l	100
5) Bromomethane	1.63	94	221442	47.942	ug/l	99
6) Chloroethane	1.71	64	181087	45.085	ug/l	94
7) Trichlorofluoromethane	1.92	101	393727	48.873	ug/l	99
8) Diethyl Ether	2.18	74	178510	47.214	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	243259	50.092	ug/l	99
10) Methyl Iodide	2.50	142	300477	47.080	ug/l	99
11) Tert butyl alcohol	3.03	59	289535	230.152	ug/l	100
12) 1,1-Dichloroethene	2.36	96	231609	46.871	ug/l	99
13) Acrolein	2.28	56	183779	255.203	ug/l	98
14) Allyl chloride	2.72	41	438628	49.715	ug/l	99
15) Acrylonitrile	3.13	53	722782	246.154	ug/l	100
16) Acetone	2.43	43	822749	217.671	ug/l	99
17) Carbon Disulfide	2.56	76	554110	40.536	ug/l	99
18) Methyl Acetate	2.76	43	373536	49.873	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	839177	51.680	ug/l	98
20) Methylene Chloride	2.84	84	273612	45.969	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	253451	46.556	ug/l	97
22) Diisopropyl ether	3.84	45	912558	51.904	ug/l	93
23) Vinyl Acetate	3.80	43	3825336	266.617	ug/l	100
24) 1,1-Dichloroethane	3.69	63	480304	49.102	ug/l	99
25) 2-Butanone	4.65	43	1129321	242.342	ug/l	100
26) 2,2-Dichloropropane	4.57	77	406672	53.547	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	304884	49.520	ug/l	99
28) Bromochloromethane	5.00	49	205442	54.569	ug/l	99
29) Tetrahydrofuran	5.11	42	641228	246.014	ug/l	99
30) Chloroform	5.20	83	475285	51.255	ug/l	97
31) Cyclohexane	5.56	56	418450	48.098	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	400792	50.714	ug/l	99
36) 1,1-Dichloropropene	5.79	75	350822	50.727	ug/l	100
37) Ethyl Acetate	4.81	43	397626	52.065	ug/l	100
38) Carbon Tetrachloride	5.77	117	346072	54.929	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	436806	51.151	ug/l	99
40) Benzene	6.13	78	1071319	50.345	ug/l	99
41) Methacrylonitrile	5.02	41	222748	52.566	ug/l	98
42) 1,2-Dichloroethane	6.18	62	371277	51.472	ug/l	99
43) Isopropyl Acetate	6.43	43	672434	53.203	ug/l	100
44) Trichloroethene	7.20	130	302522	51.471	ug/l	99
45) 1,2-Dichloropropane	7.50	63	289076	53.002	ug/l	94
46) Dibromomethane	7.65	93	184567	51.183	ug/l	99
47) Bromodichloromethane	7.89	83	376730	55.472	ug/l	98
48) Methyl methacrylate	7.76	41	329421	53.227	ug/l	99
49) 1,4-Dioxane	7.73	88	116816	927.497	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2047328	257.930	ug/l	100
52) Toluene	8.78	92	684578	50.898	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	421890	56.654	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	467447	56.345	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	281960	52.305	ug/l	99
56) Ethyl methacrylate	9.17	69	457206	53.993	ug/l	100
57) 1,3-Dichloropropane	9.36	76	474897	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	948588	296.015	ug/l	100
59) 2-Hexanone	9.48	43	1630074	255.108	ug/l	99
60) Dibromochloromethane	9.57	129	308240	57.525	ug/l	100
61) 1,2-Dibromoethane	9.67	107	291532	52.857	ug/l	100
64) Tetrachloroethene	9.33	164	310663	51.006	ug/l	97
65) Chlorobenzene	10.13	112	748845	51.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	283973	54.343	ug/l	100
67) Ethyl Benzene	10.25	91	1315645	52.289	ug/l	100
68) m/p-Xylenes	10.36	106	1011571	104.530	ug/l	99
69) o-Xylene	10.69	106	493695	52.017	ug/l	100
70) Styrene	10.71	104	847583	52.811	ug/l	99
71) Bromoform	10.85	173	241203	57.423	ug/l #	100
73) Isopropylbenzene	11.01	105	1327541	53.783	ug/l	99
74) N-amyl acetate	10.89	43	596806	51.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	427155	49.916	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	502851	66.069	ug/l	90
77) Bromobenzene	11.25	156	338317	49.816	ug/l	99
78) n-propylbenzene	11.35	91	1506579	54.415	ug/l	99
79) 2-Chlorotoluene	11.42	91	879683	52.269	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1100292	52.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152868	56.691	ug/l	98
82) 4-Chlorotoluene	11.51	91	1018712	52.182	ug/l	100
83) tert-Butylbenzene	11.76	119	1076072	53.228	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1102654	53.003	ug/l	100
85) sec-Butylbenzene	11.94	105	1312463	54.994	ug/l	100
86) p-Isopropyltoluene	12.06	119	1203443	55.126	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	615165	51.684	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	609056	50.325	ug/l	99
89) n-Butylbenzene	12.39	91	1055256	56.650	ug/l	99
90) Hexachloroethane	12.59	117	219090	55.874	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	608448	50.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92071	48.619	ug/l	97

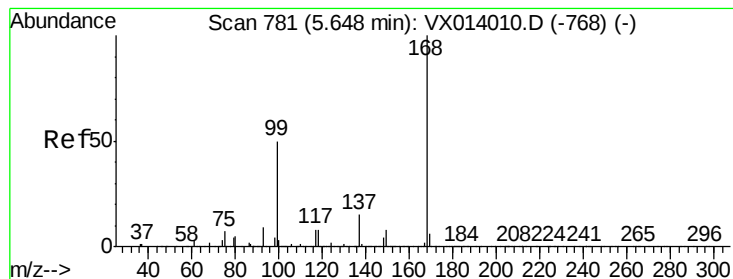
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
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Acq On : 06 Jan 2020 10:25
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	426710	54.794	ug/l	97
94) Hexachlorobutadiene	13.78	225	217969	58.238	ug/l	99
95) Naphthalene	13.83	128	1257943	54.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	431881	56.180	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

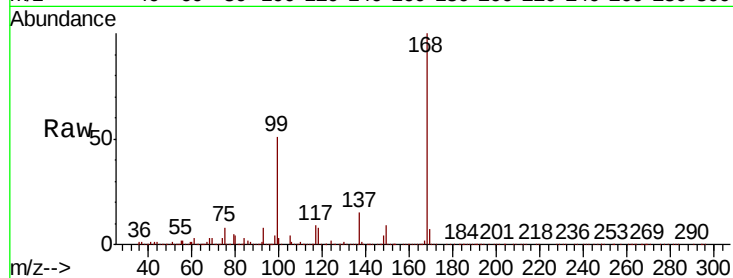
ClientSampleId :

Tot Ion:168 Resp: 513700

Ion Ratio Lower Upper

168 100

99 51.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

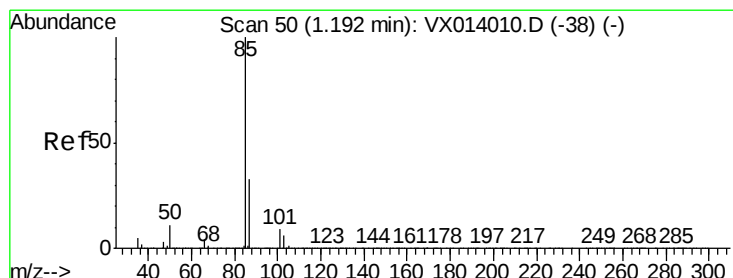
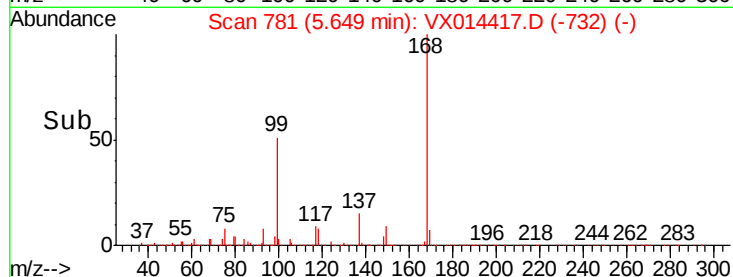
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.292 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014417.D

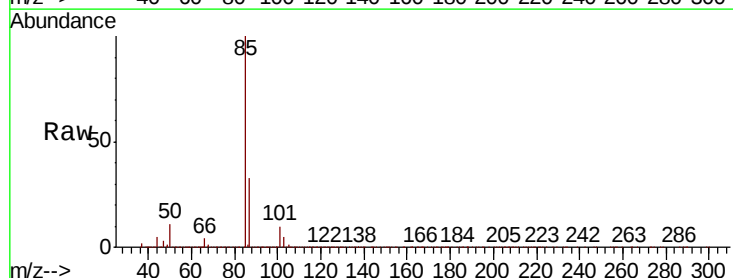
Acq: 06 Jan 2020 10:25

Tgt Ion: 85 Resp: 189768

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

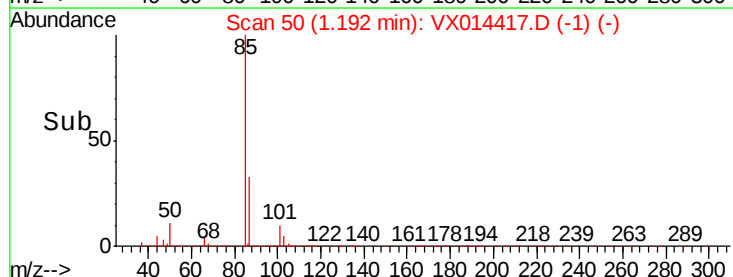
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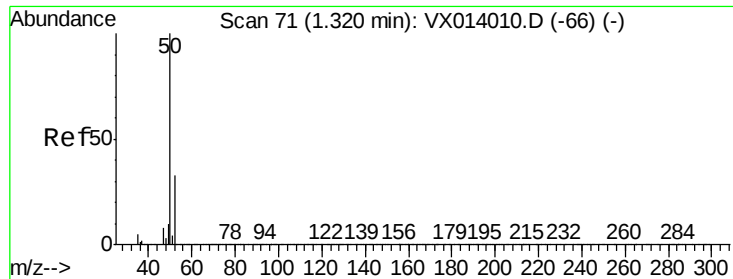
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Time-->

1.10 1.15 1.20 1.25 1.30

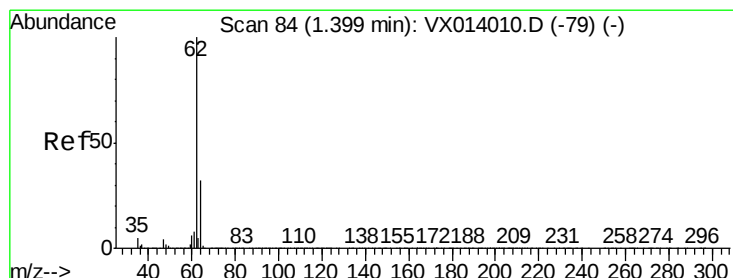
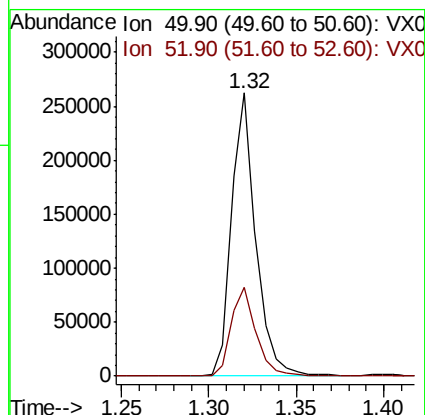
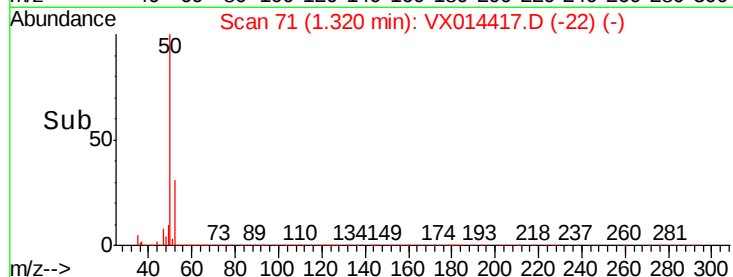
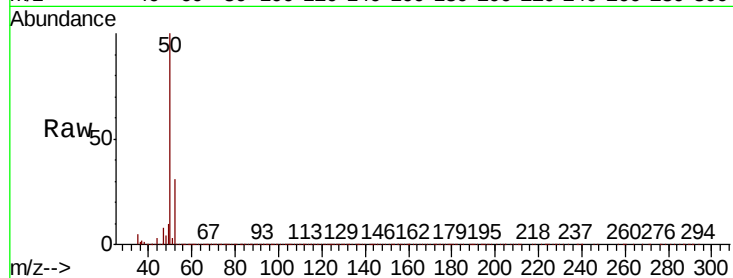




#3
Chloromethane
Concen: 40.667 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

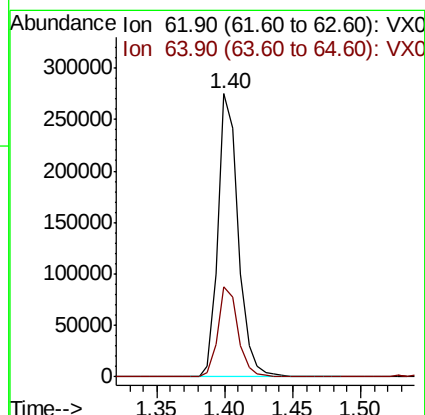
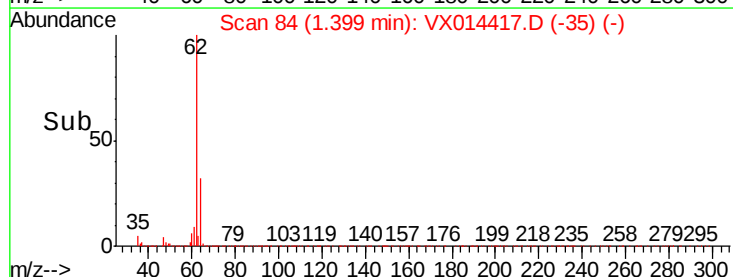
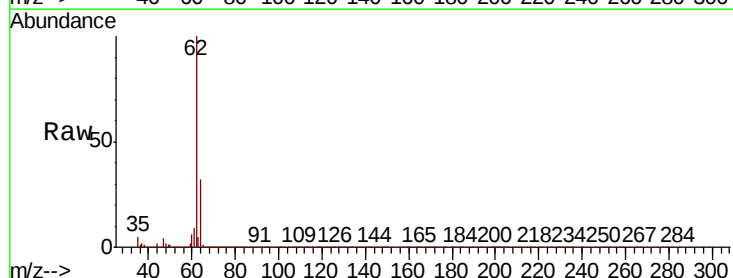
Instrument :
MSVOA_X
ClientSampleId :

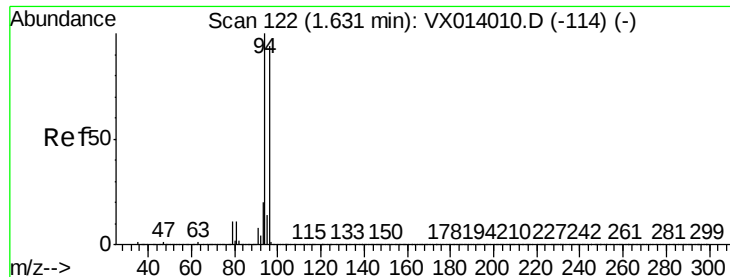
Tot Ion: 50 Resp: 250816
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.4



#4
Vinyl Chloride
Concen: 43.889 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 62 Resp: 285620
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5

Bromomethane

Concen: 47.942 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

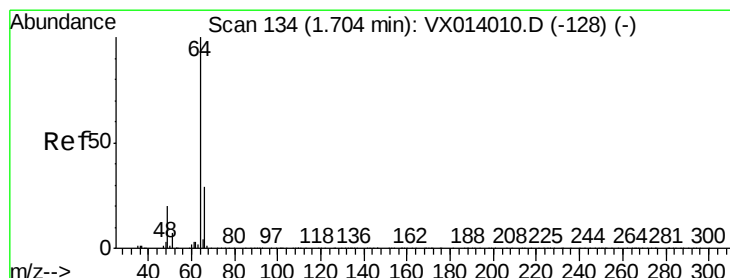
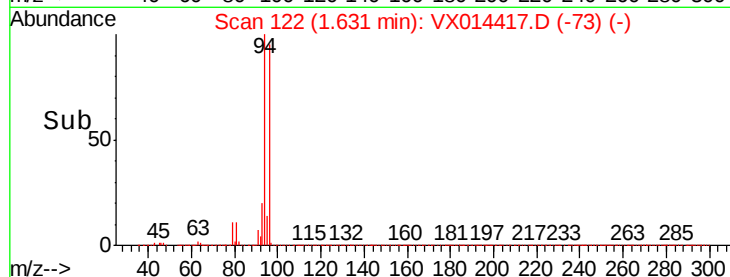
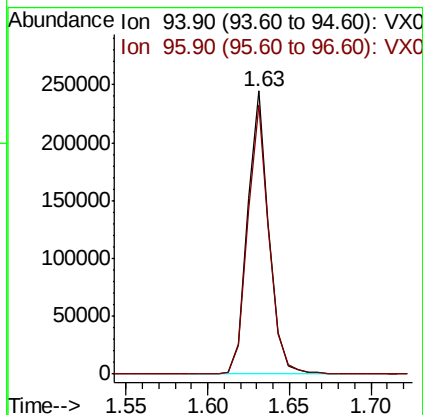
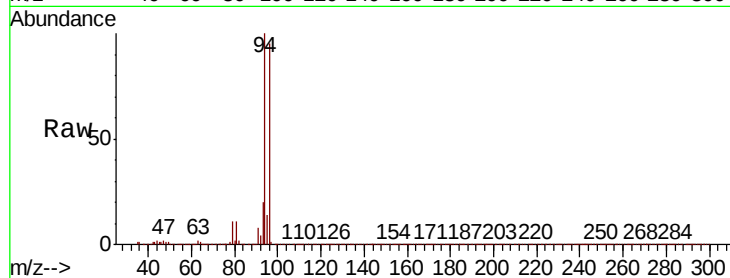
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 221442

Ion Ratio Lower Upper

94 100

96 95.2 75.2 112.8



#6

Chloroethane

Concen: 45.085 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014417.D

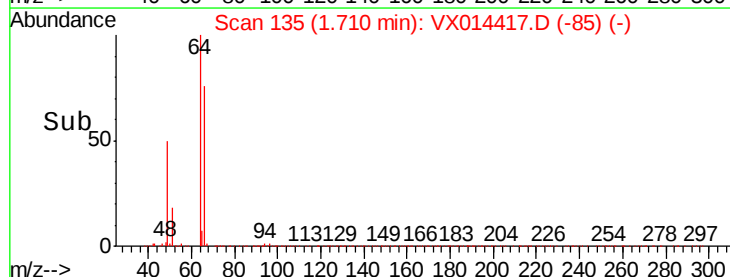
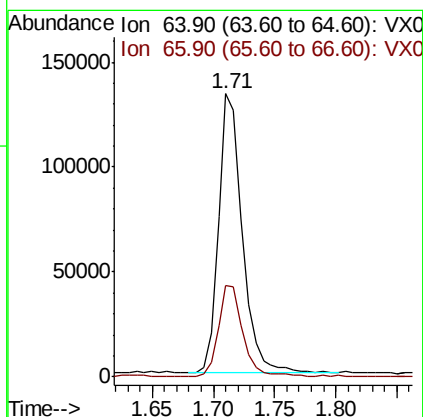
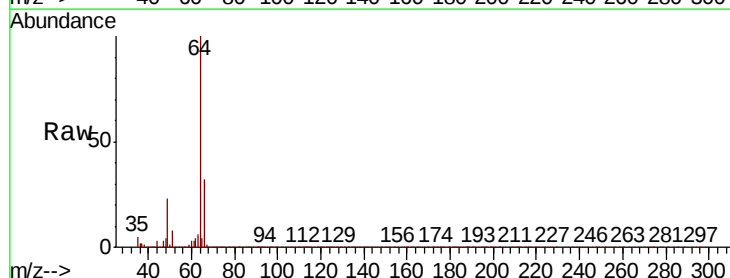
Acq: 06 Jan 2020 10:25

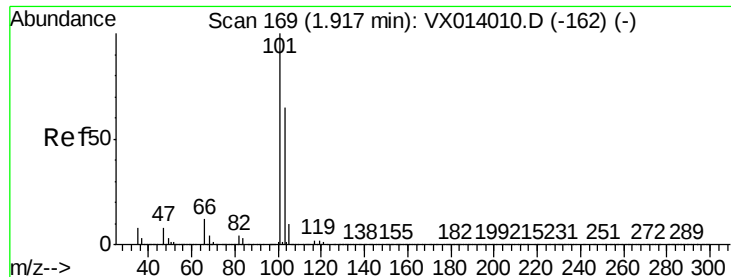
Tgt Ion: 64 Resp: 181087

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.2



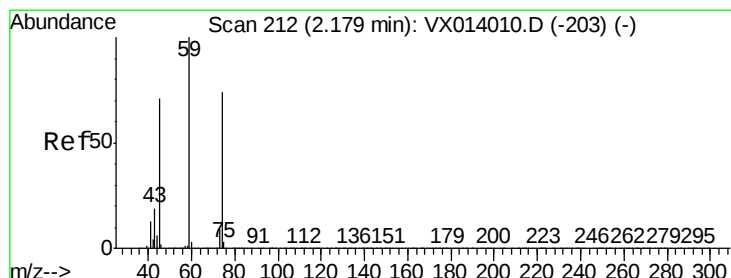
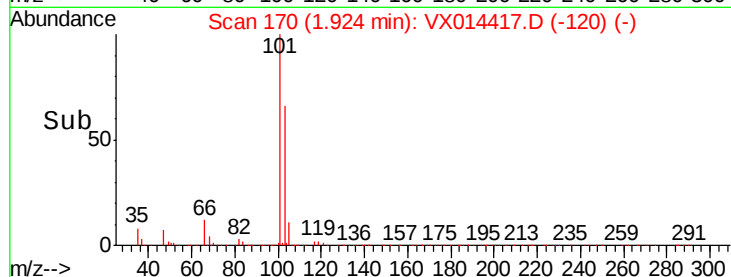
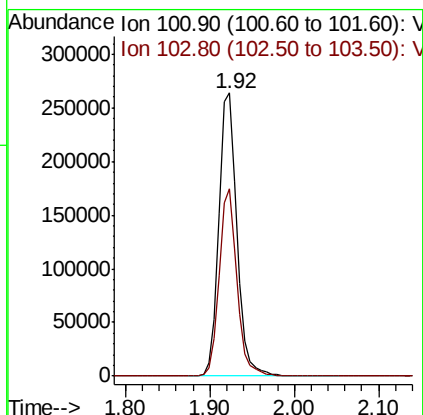
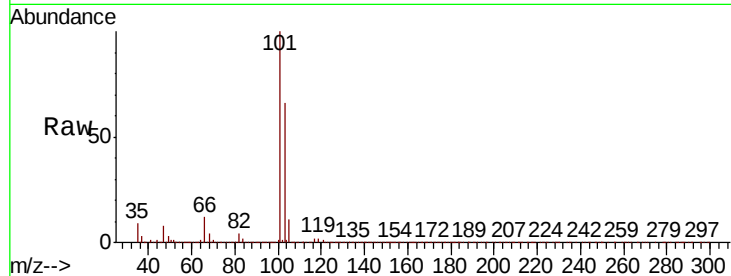


#7

Trichlorofluoromethane
Concen: 48.873 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :

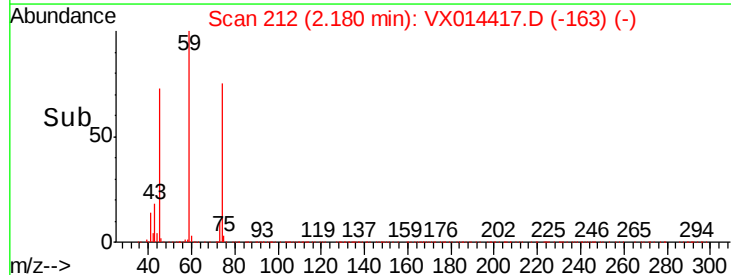
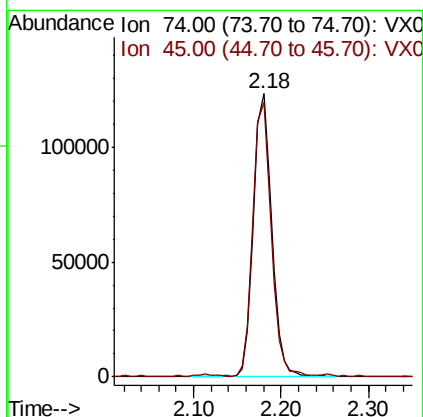
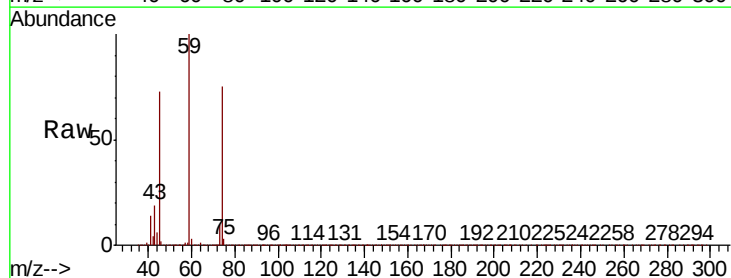
Tot Ion:101 Resp: 393727
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.4



#8

Diethyl Ether
Concen: 47.214 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 74 Resp: 178510
Ion Ratio Lower Upper
74 100
45 96.5 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.092 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

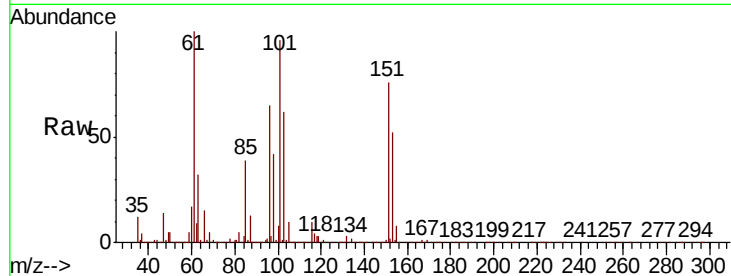
Tot Ion:101 Resp: 243259

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

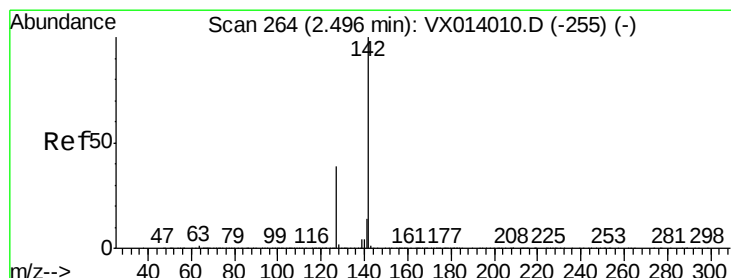
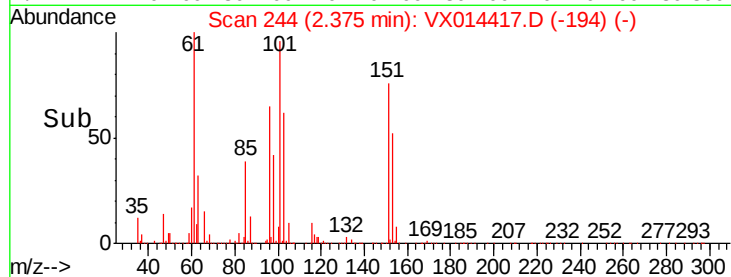
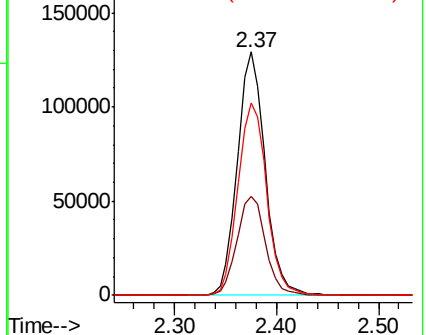
151 82.0 64.5 96.7



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: 47.080 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

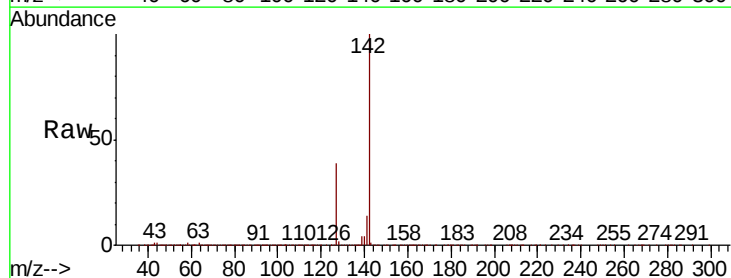
Tgt Ion:142 Resp: 300477

Ion Ratio Lower Upper

142 100

127 38.5 31.6 47.4

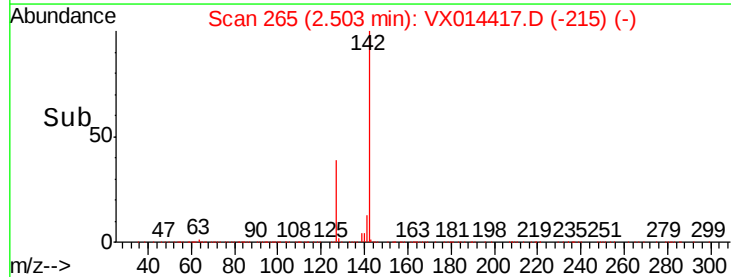
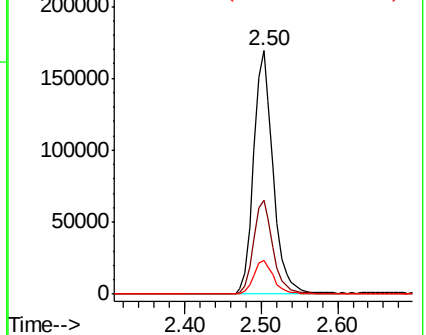
141 14.2 11.6 17.4

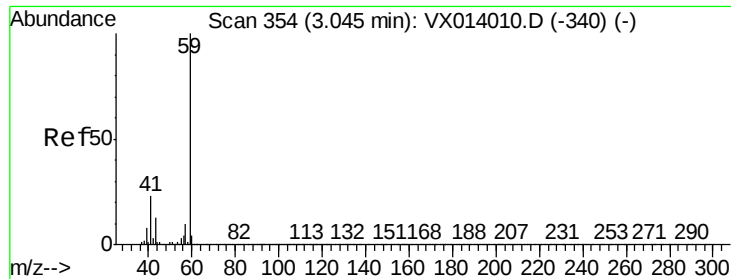


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



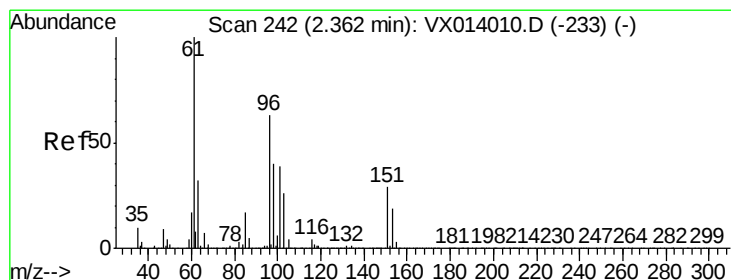
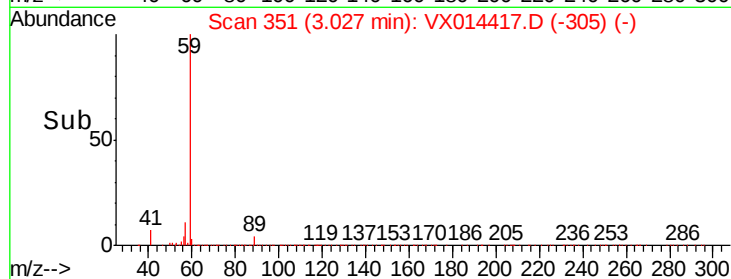
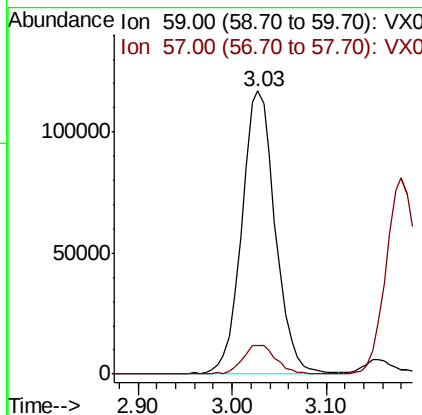
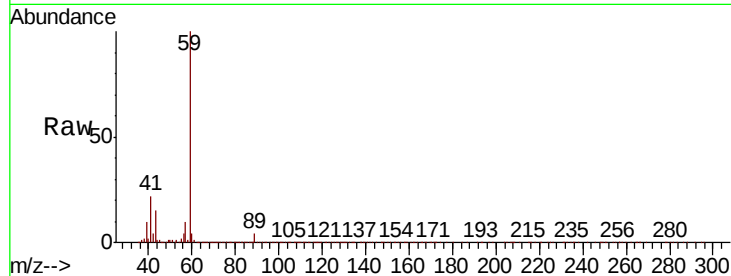


#11

Tert butyl alcohol
 Concen: 230.152 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :

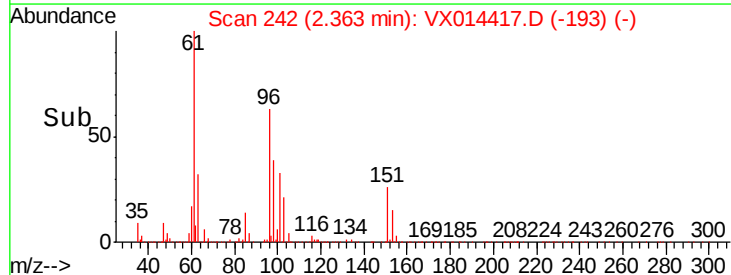
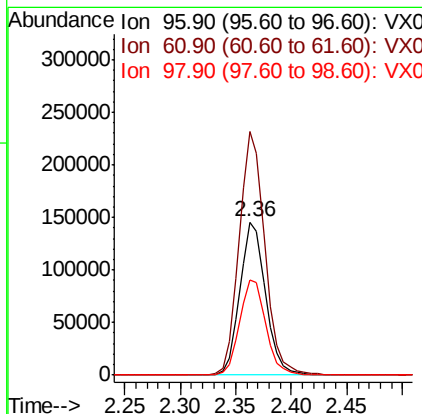
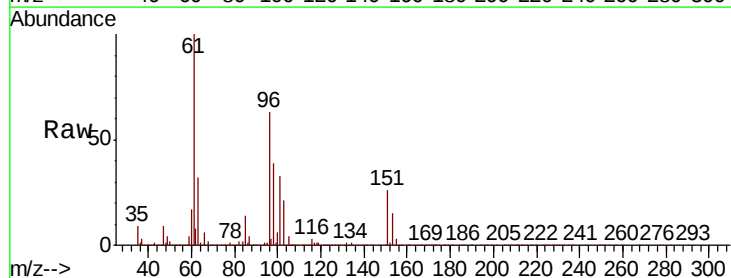
Tot Ion: 59 Resp: 289535
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

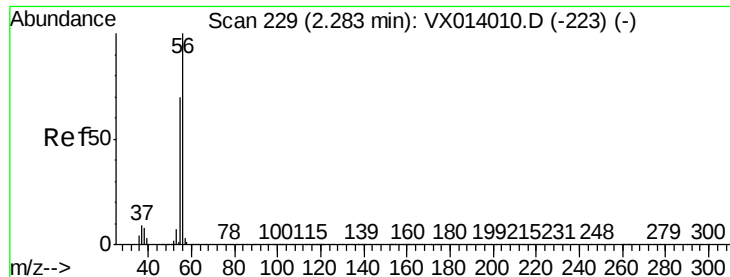


#12

1,1-Dichloroethene
 Concen: 46.871 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion: 96 Resp: 231609
 Ion Ratio Lower Upper
 96 100
 61 159.4 127.9 191.9
 98 61.9 50.5 75.7





#13

Acrolein

Concen: 255.203 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

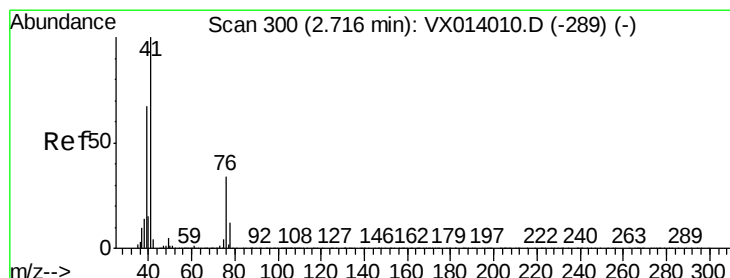
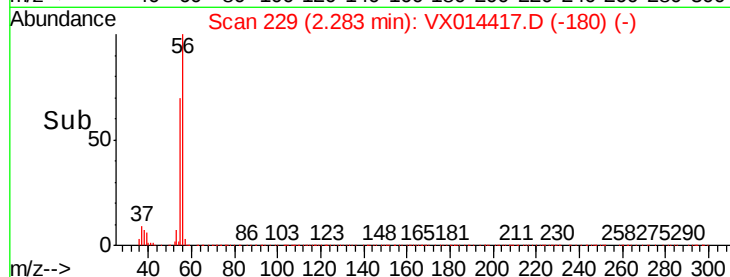
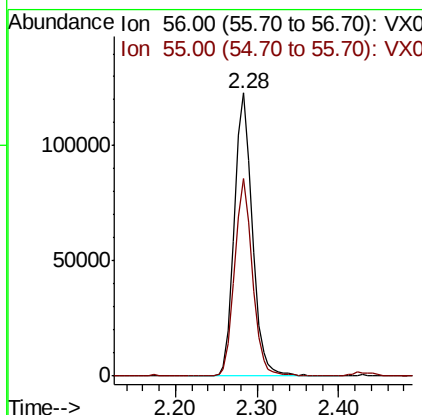
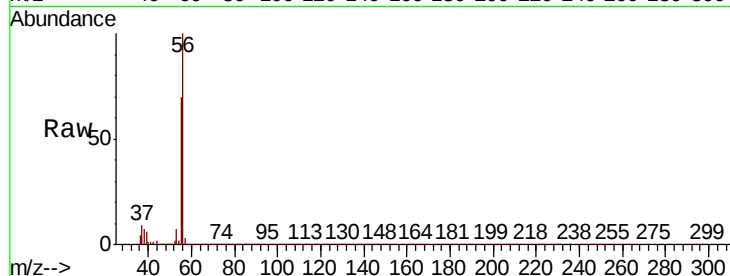
ClientSampleId :

Tot Ion: 56 Resp: 183779

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 49.715 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

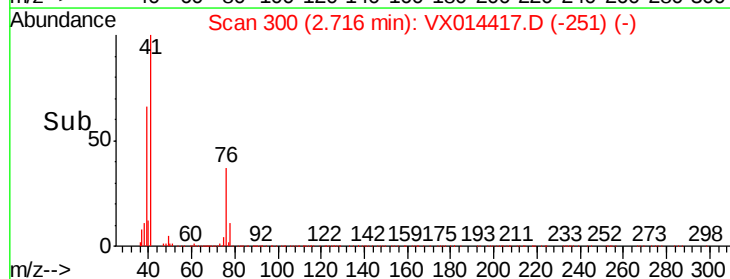
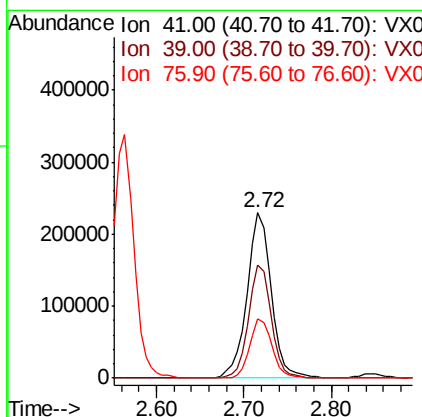
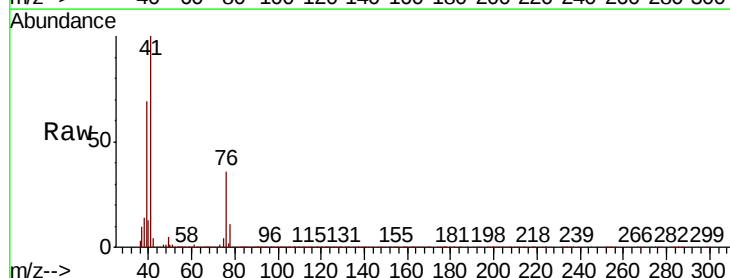
Tgt Ion: 41 Resp: 438628

Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 33.0 25.9 38.9





#15

Acrylonitrile

Concen: 246.154 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

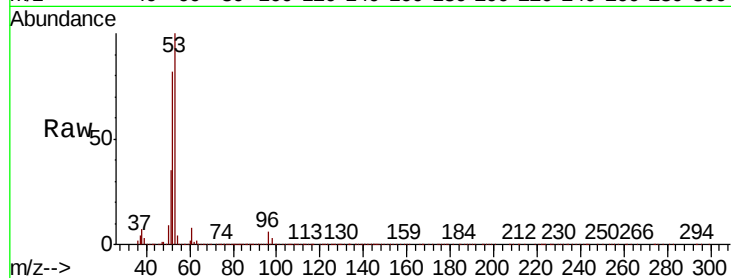
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 722782

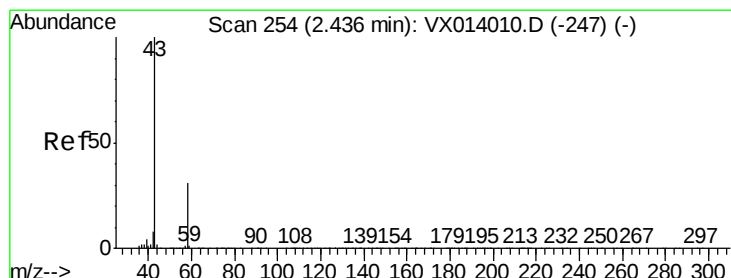
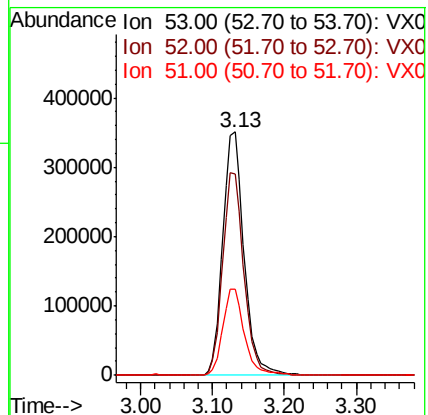
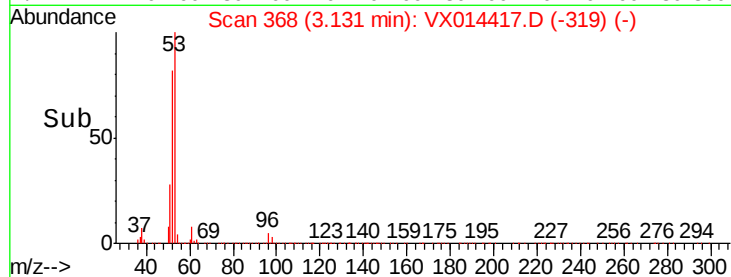
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	35.8	28.1	42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 217.671 ug/l

RT: 2.43 min Scan# 253

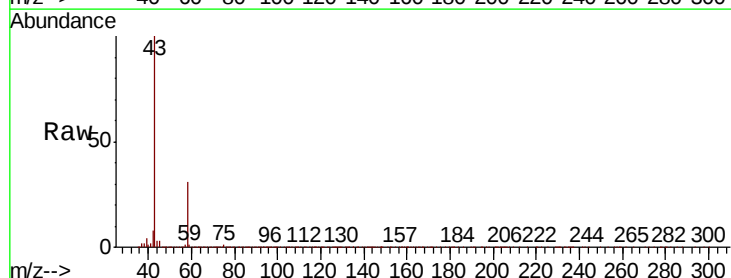
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

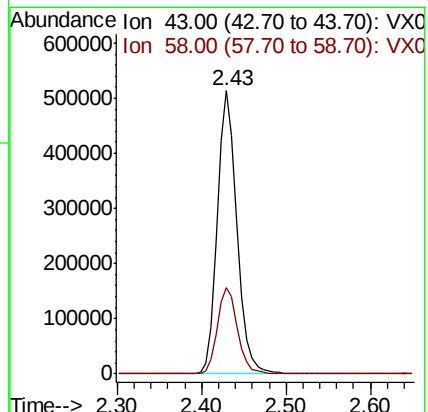
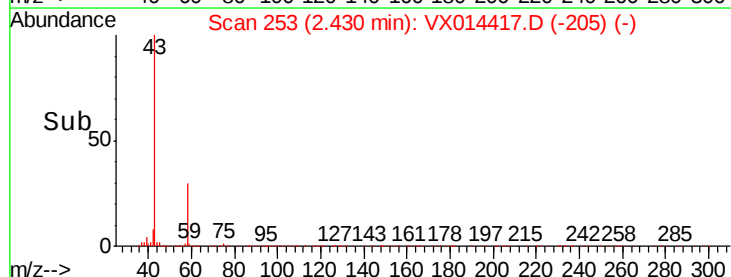
Tgt Ion: 43 Resp: 822749

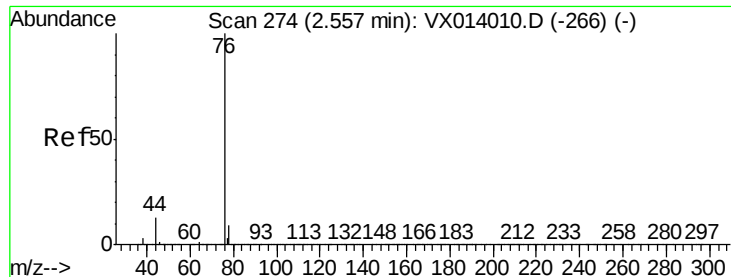
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.536 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

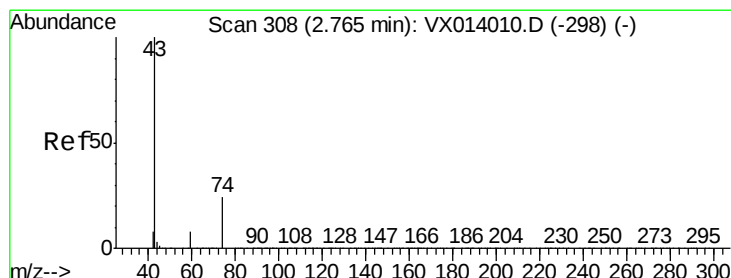
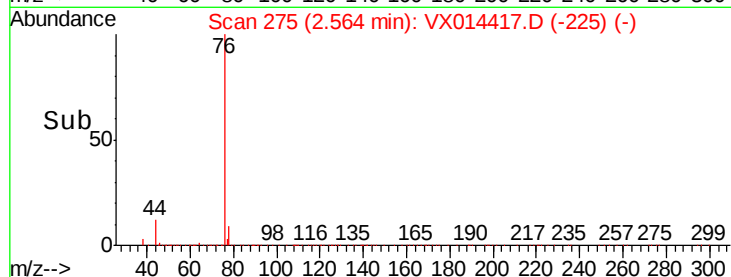
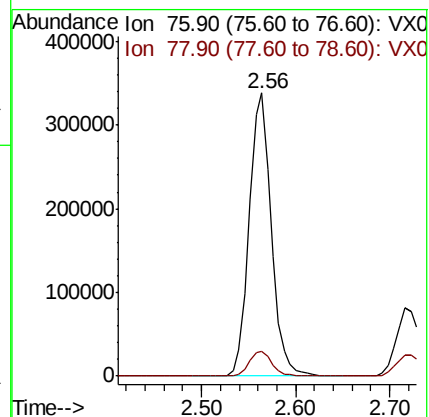
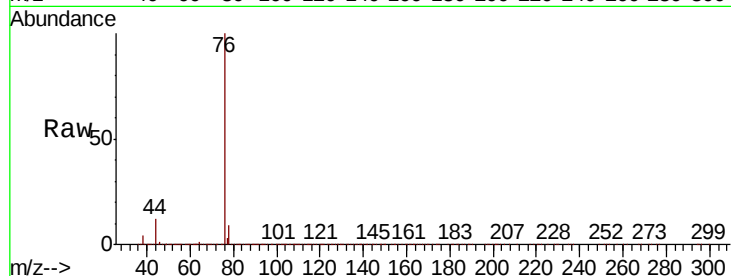
ClientSampleId :

Tot Ion: 76 Resp: 554110

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 49.873 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014417.D

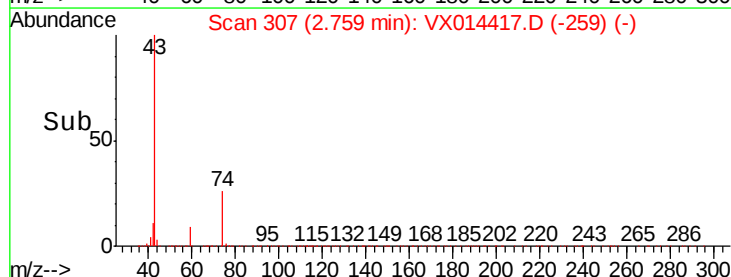
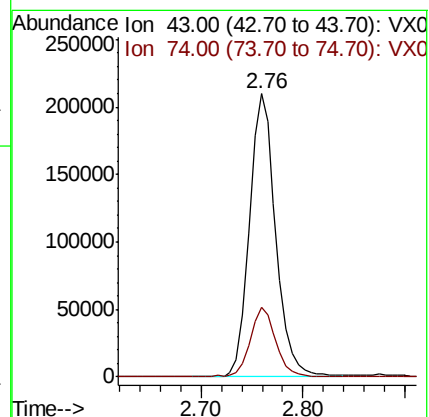
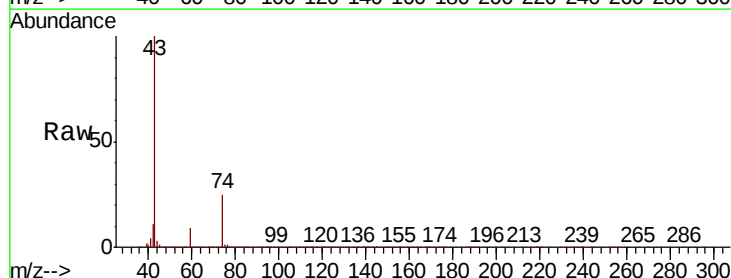
Acq: 06 Jan 2020 10:25

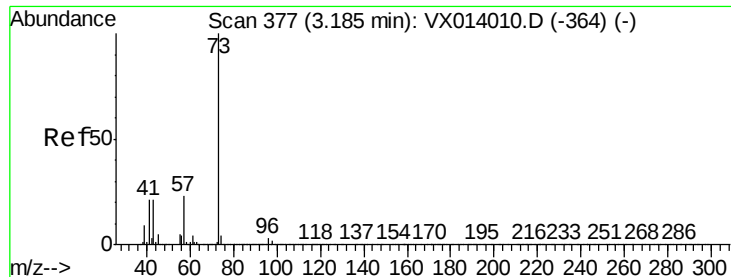
Tgt Ion: 43 Resp: 373536

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3

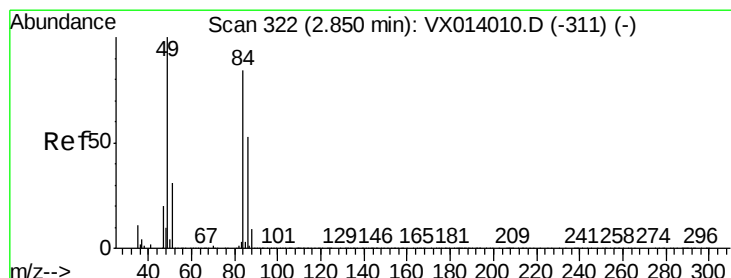
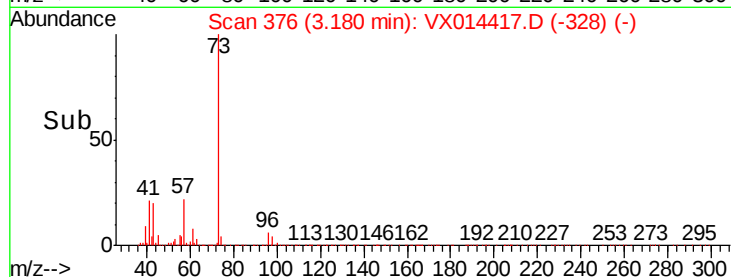
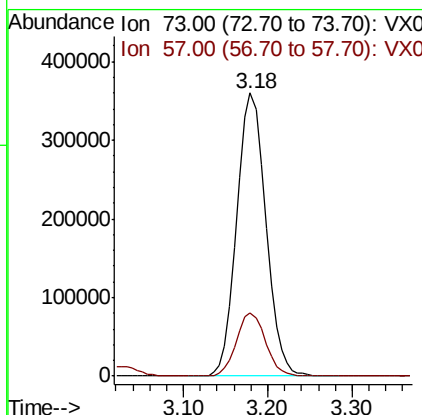
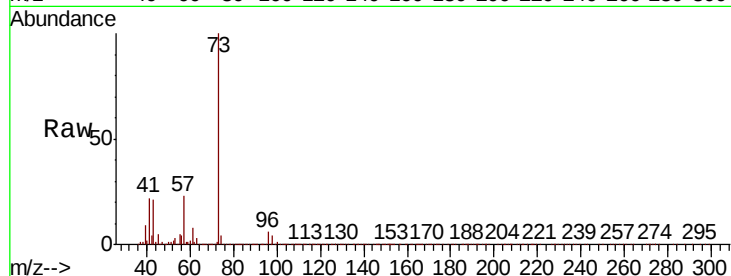




#19
Methvl tert-butvl Ether
Concen: 51.680 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

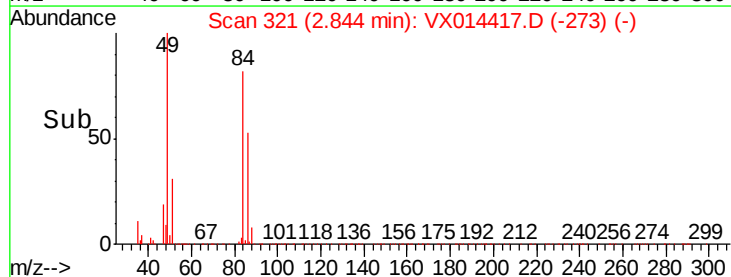
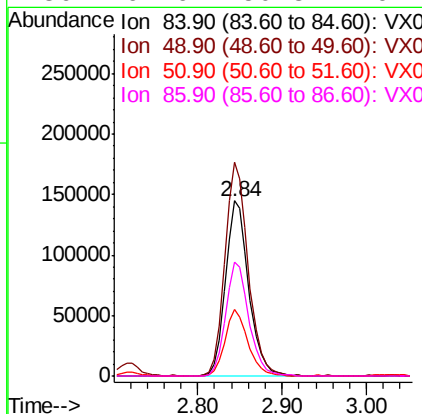
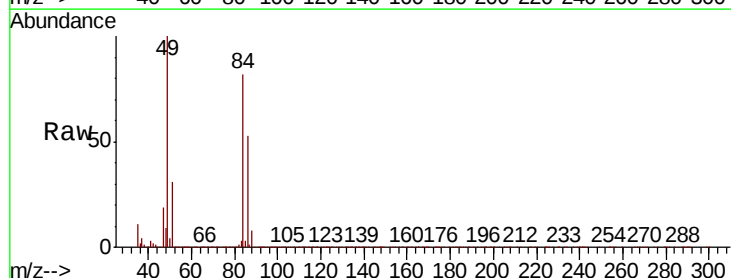
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 839177
Ion Ratio Lower Upper
73 100
57 22.5 18.8 28.2



#20
Methylene Chloride
Concen: 45.969 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 84 Resp: 273612
Ion Ratio Lower Upper
84 100
49 121.8 95.8 143.6
51 38.2 29.8 44.8
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.556 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

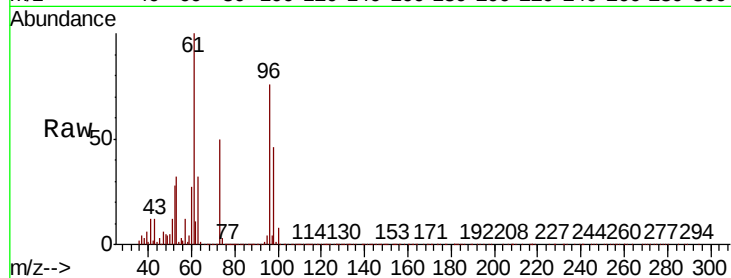
Tot Ion: 96 Resp: 253451

Ion Ratio Lower Upper

96 100

61 131.8 108.3 162.5

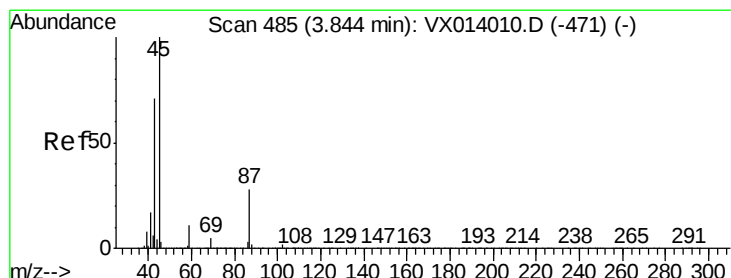
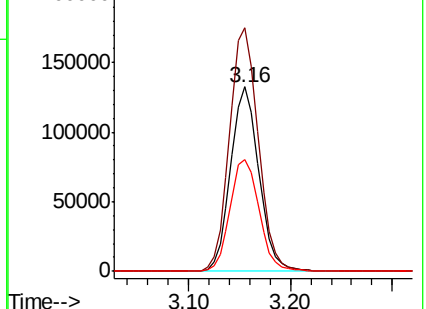
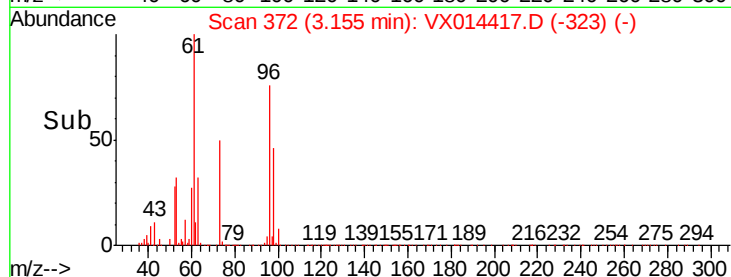
98 60.8 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.904 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion: 45 Resp: 912558

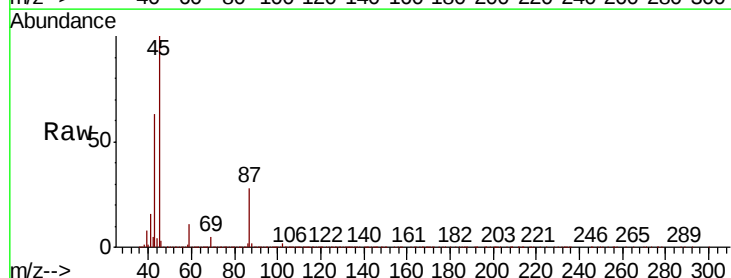
Ion Ratio Lower Upper

45 100

43 62.3 57.4 86.0

87 27.5 21.9 32.9

59 11.2 9.0 13.6

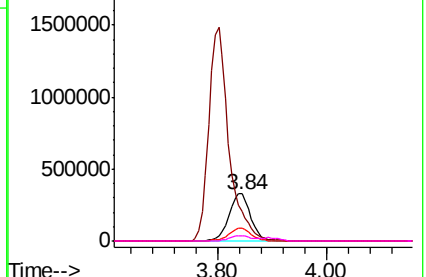
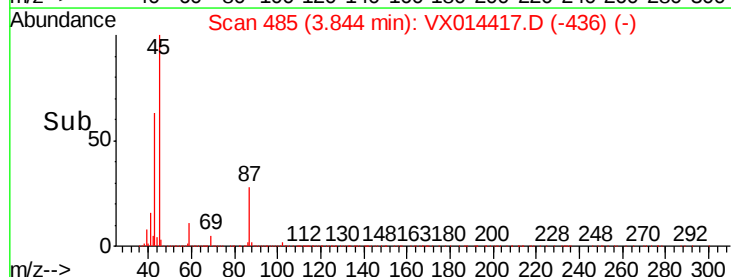


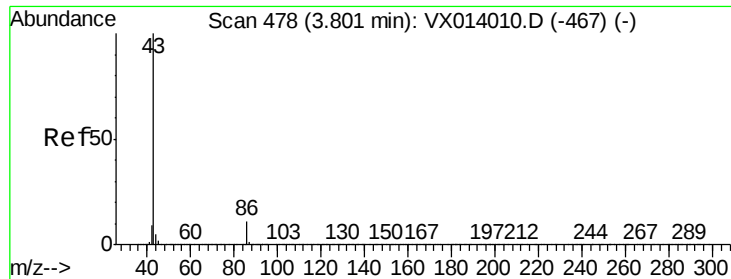
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 266.617 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

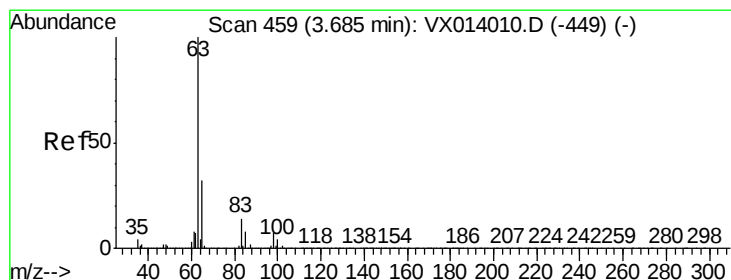
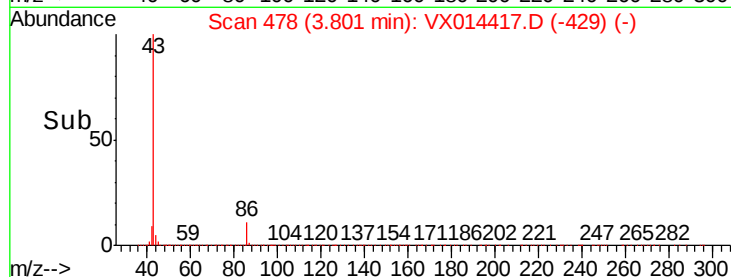
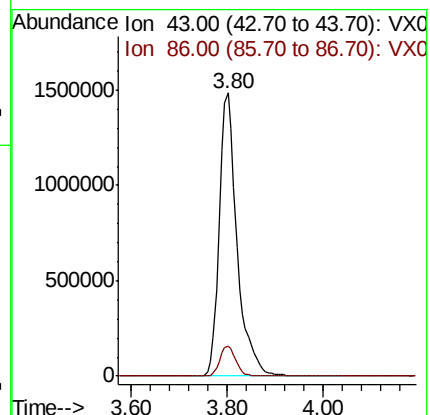
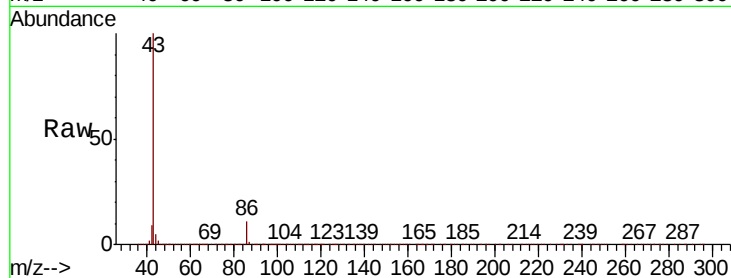
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3825336

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.102 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

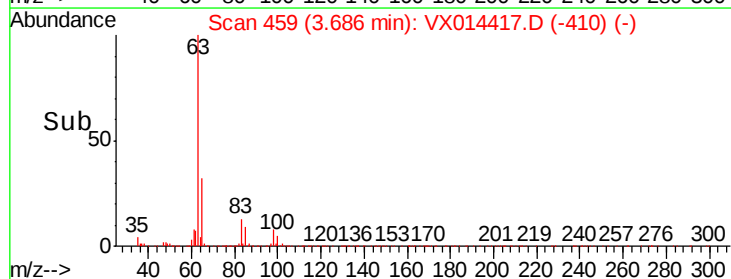
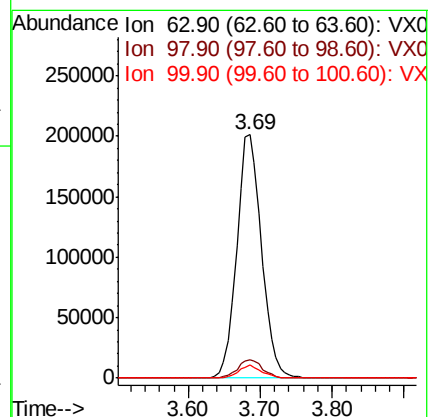
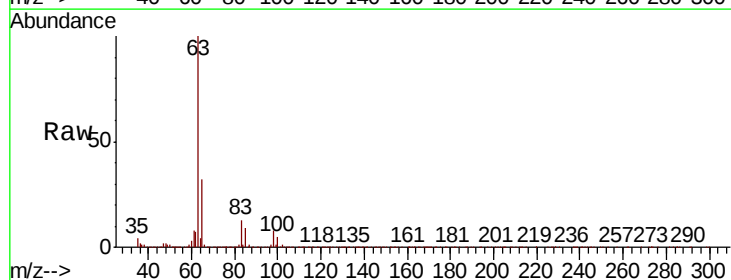
Tgt Ion: 63 Resp: 480304

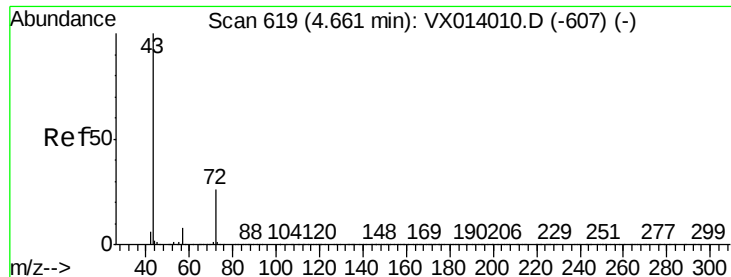
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.1 2.3 6.8





#25

2-Butanone

Concen: 242.342 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

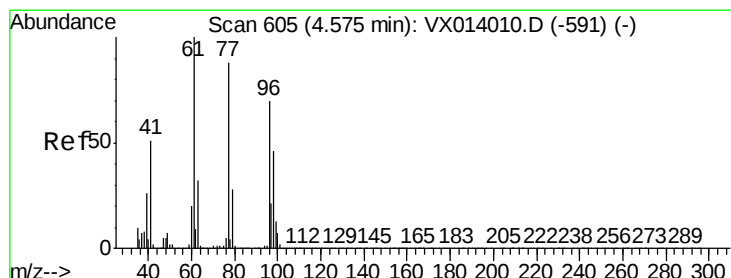
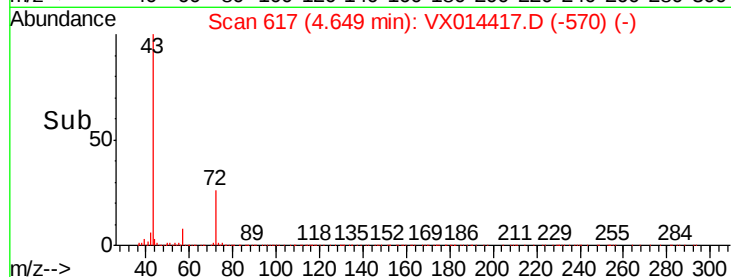
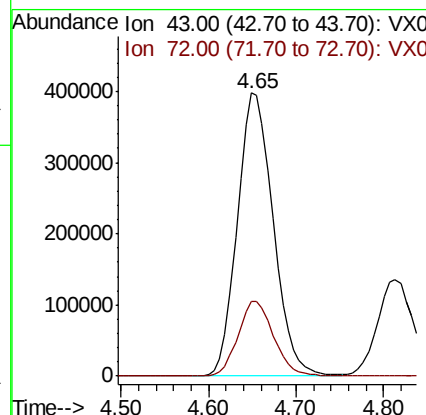
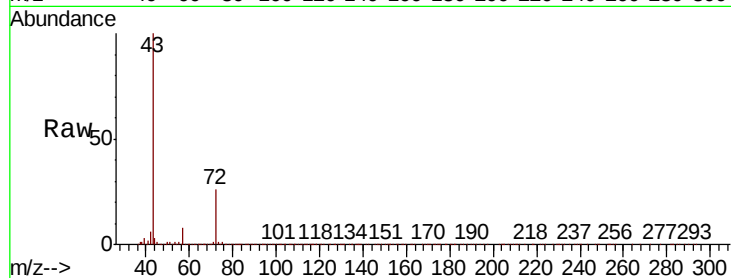
ClientSampled :

Tot Ion: 43 Resp: 1129321

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 53.547 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014417.D

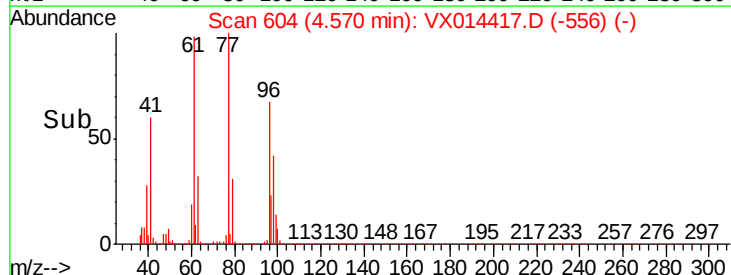
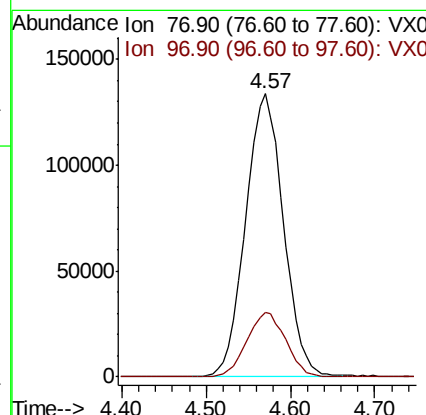
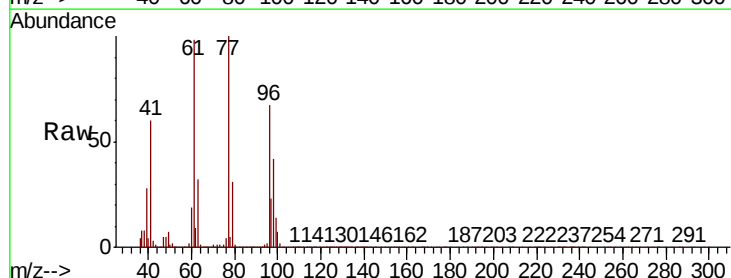
Acq: 06 Jan 2020 10:25

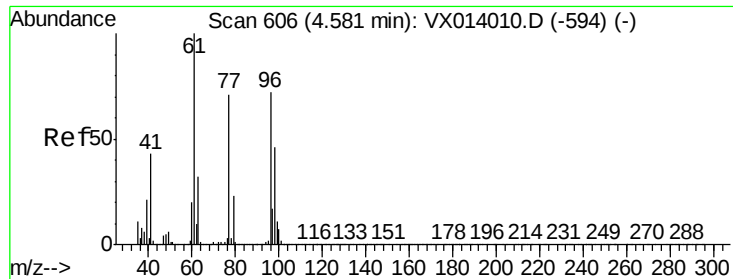
Tgt Ion: 77 Resp: 406672

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



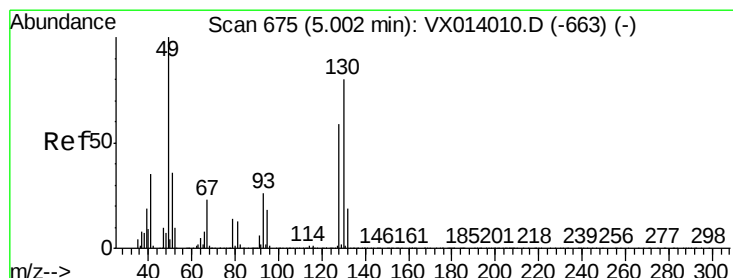
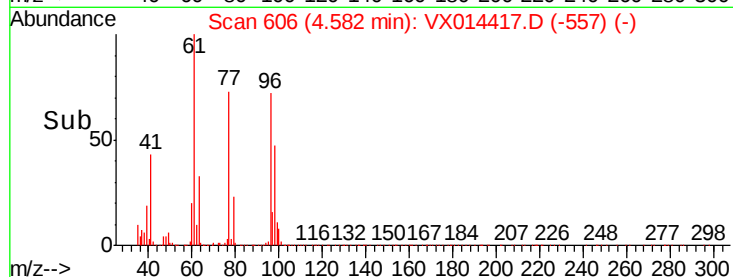
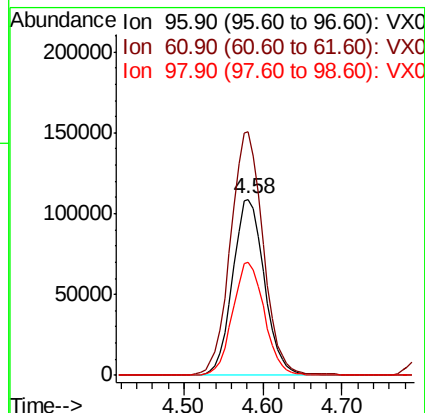
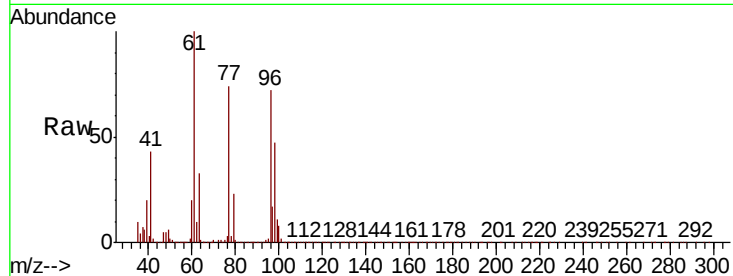


#27

cis-1,2-Dichloroethene
Concen: 49.520 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :

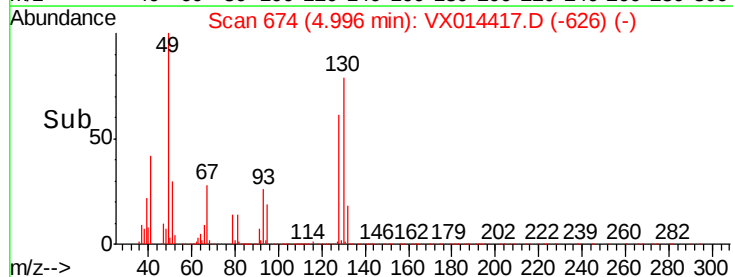
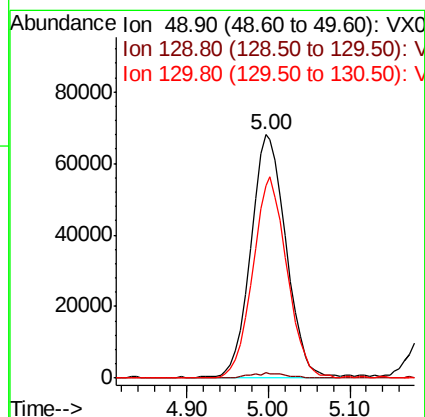
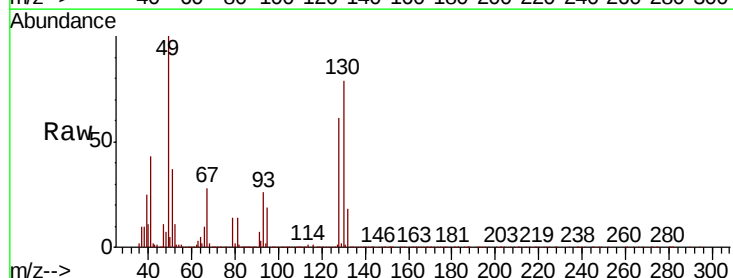
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	288.4
98	64.1	0.0	129.6

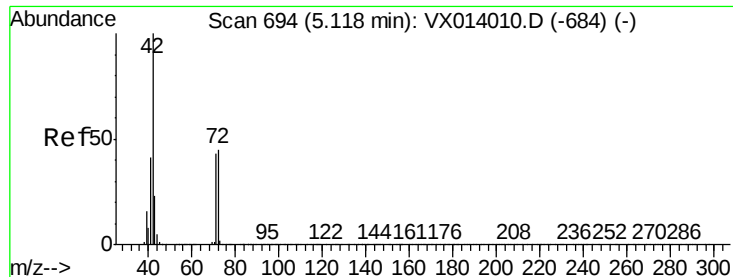


#28

Bromochloromethane
Concen: 54.569 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	80.0	64.6	97.0





#29

Tetrahydrofuran

Concen: 246.014 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

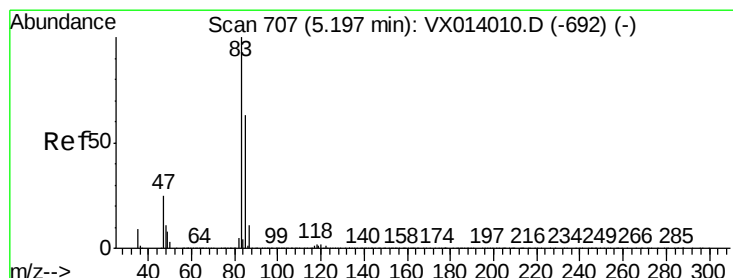
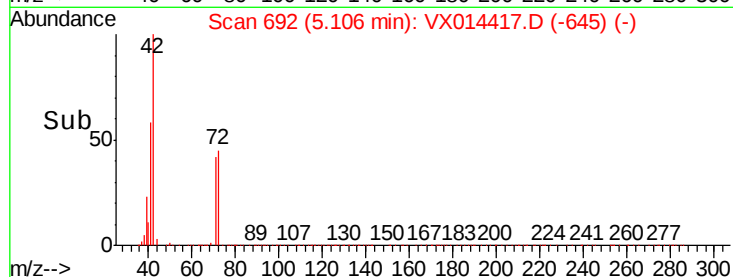
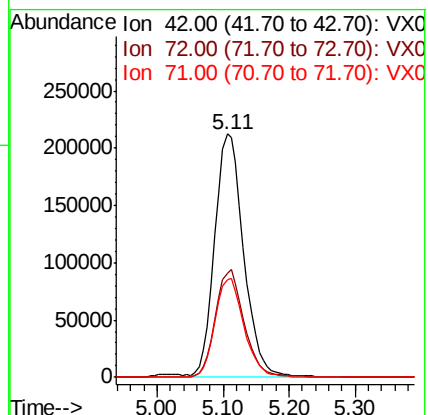
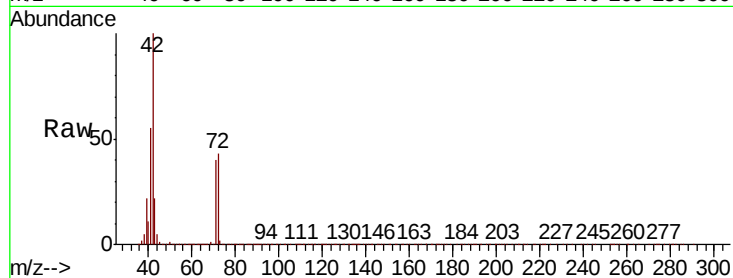
Tot Ion: 42 Resp: 641228

Ion Ratio Lower Upper

42 100

72 44.2 35.8 53.8

71 41.4 33.6 50.4



#30

Chloroform

Concen: 51.255 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014417.D

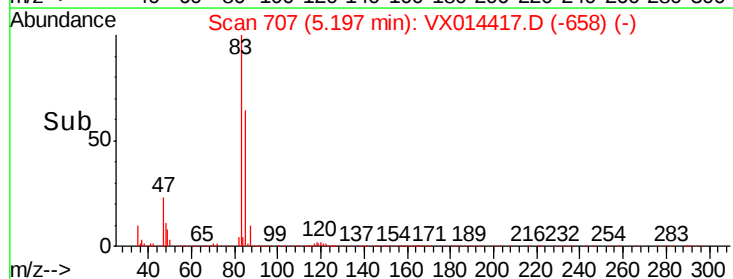
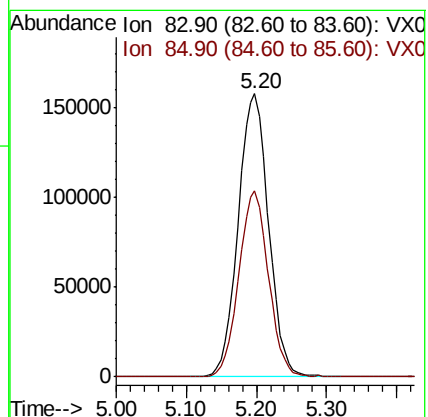
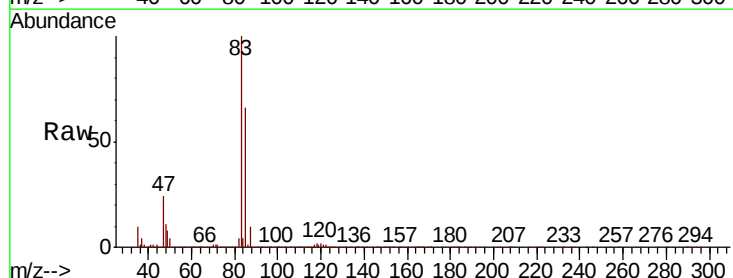
Acq: 06 Jan 2020 10:25

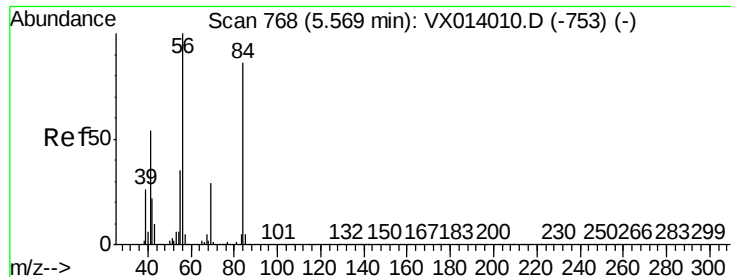
Tgt Ion: 83 Resp: 475285

Ion Ratio Lower Upper

83 100

85 65.6 50.8 76.2

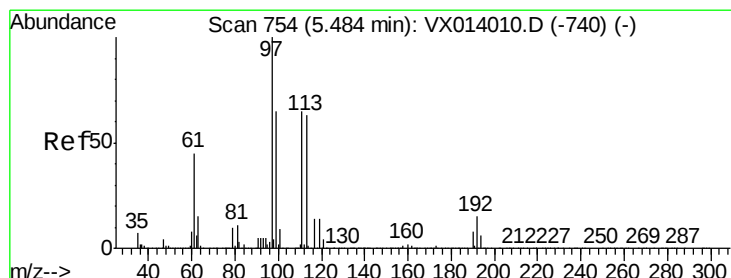
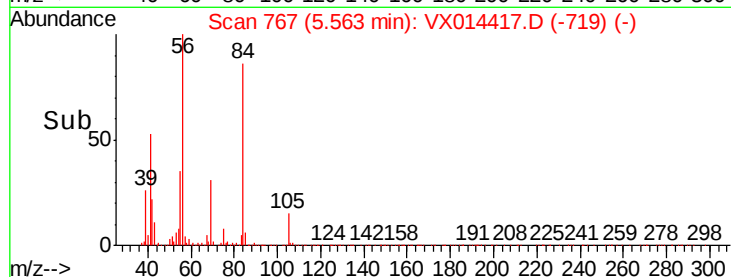
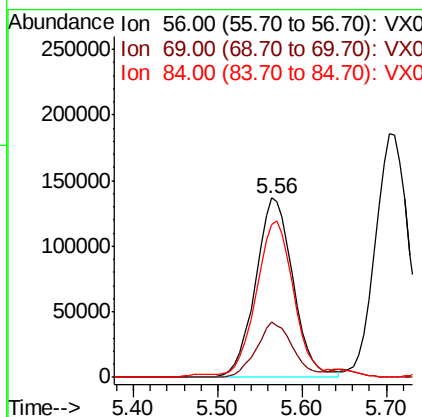
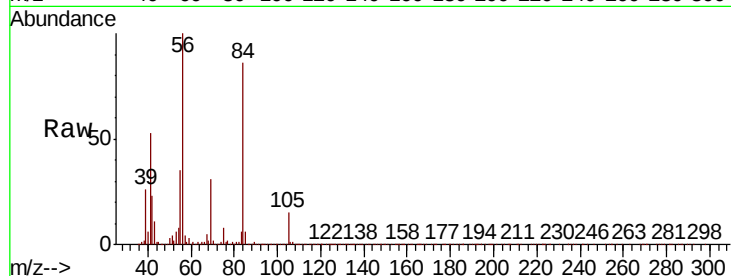




#31
Cyclohexane
Concen: 48.098 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

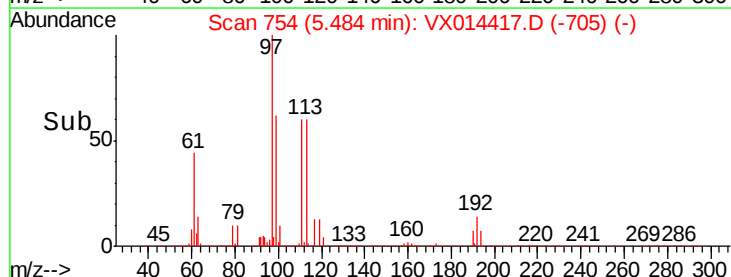
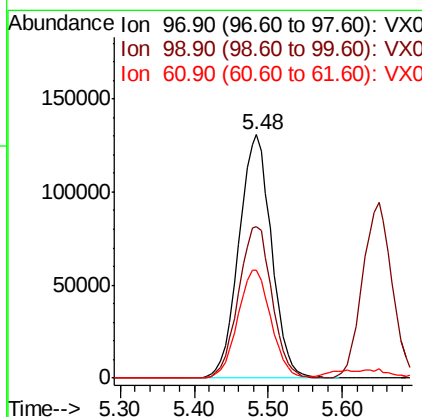
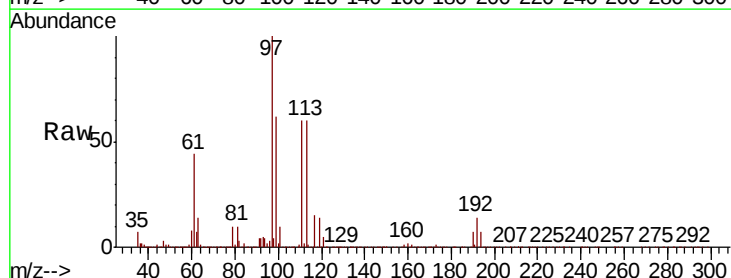
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 418450
Ion Ratio Lower Upper
56 100
69 30.7 23.2 34.8
84 84.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.714 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 97 Resp: 400792
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 45.1 36.7 55.1

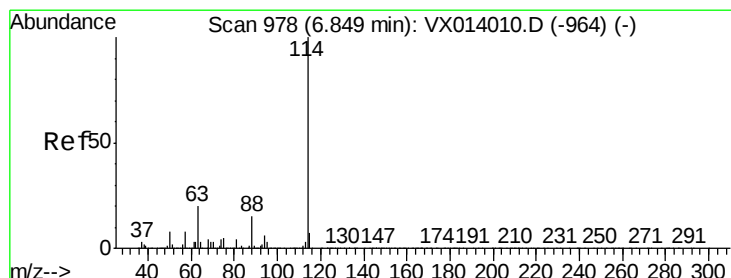
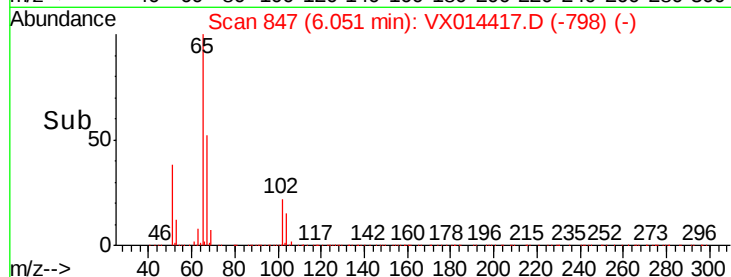
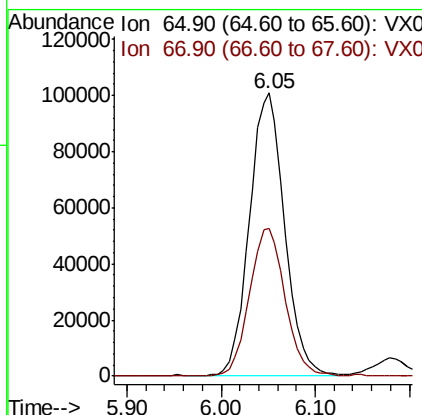
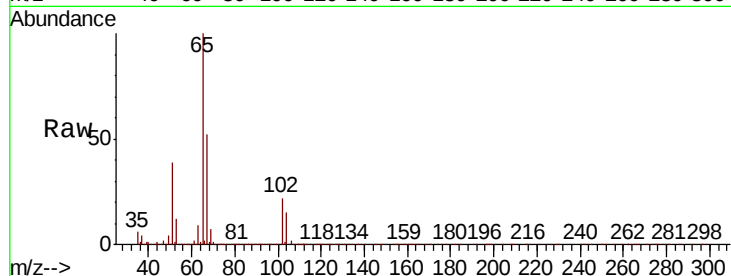




#33
 1,2-Dichloroethane-d4
 Concen: 45.207 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

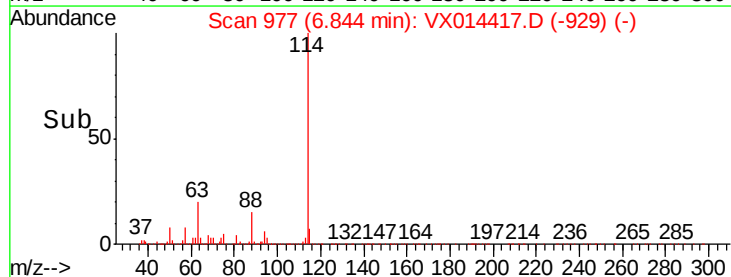
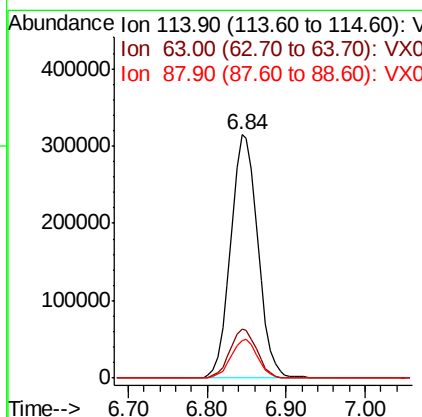
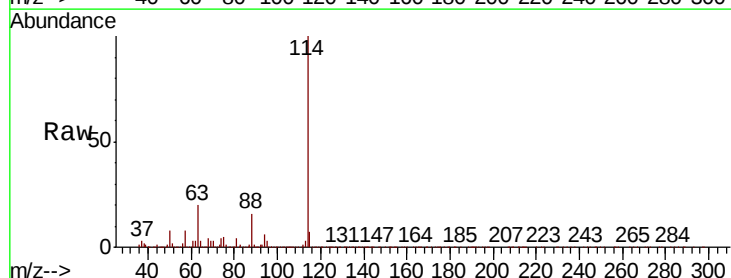
Instrument :
 MSVOA_X
 ClientSampled :

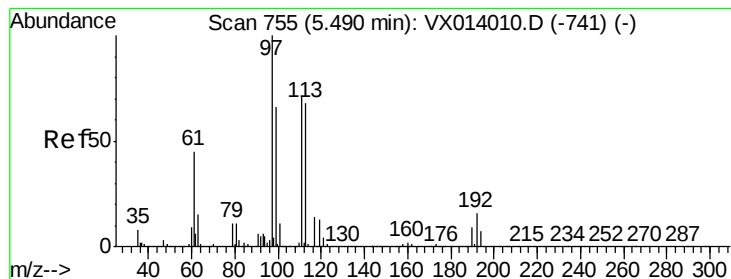
Tot Ion: 65 Resp: 263198
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion: 114 Resp: 753731
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.200 ug/l

RT: 5.48 min Scan# 754

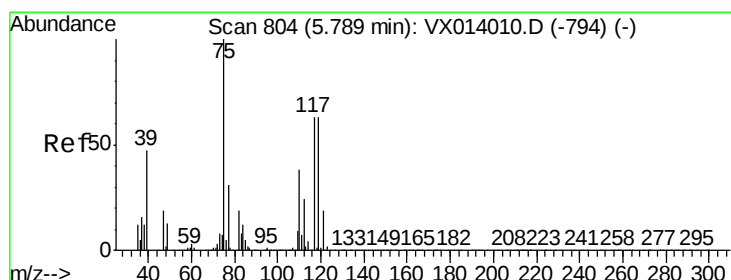
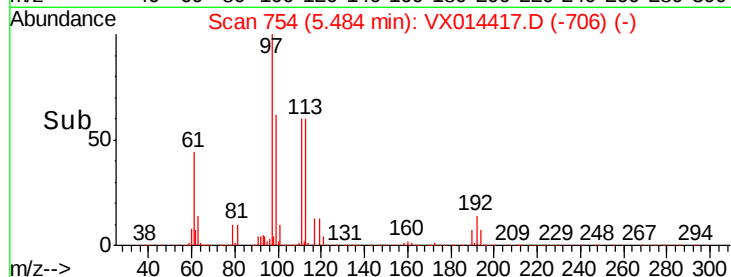
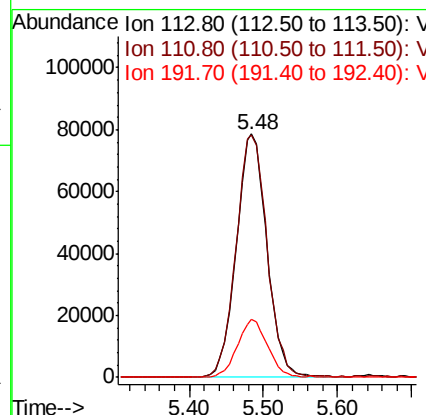
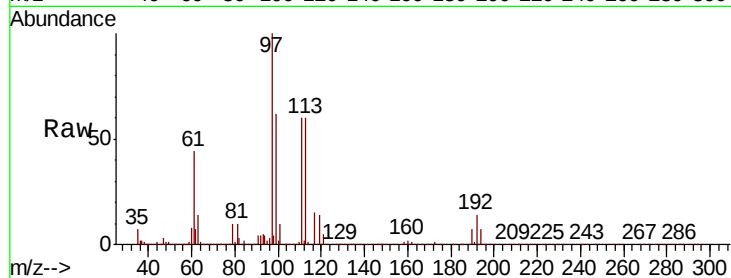
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	225427
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.5	19.3	28.9



#36

1,1-Dichloropropene

Concen: 50.727 ug/l

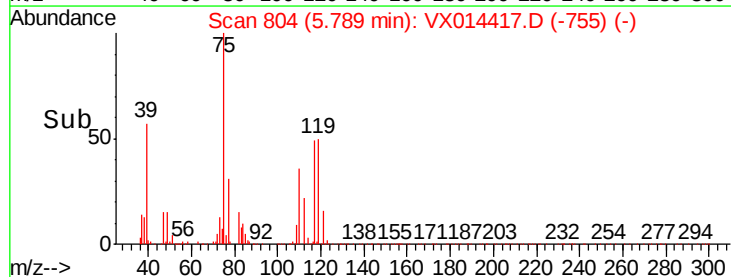
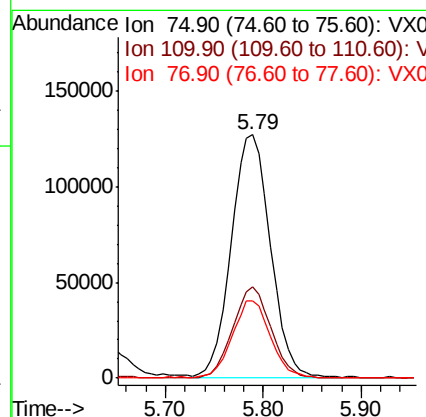
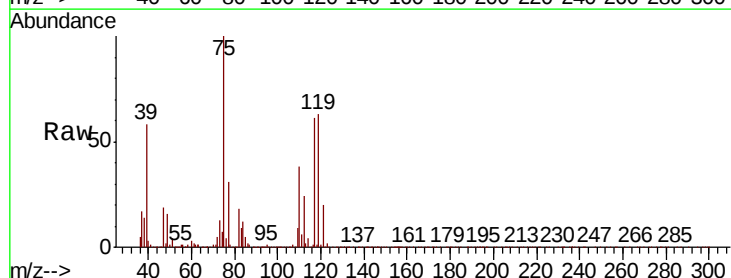
RT: 5.79 min Scan# 804

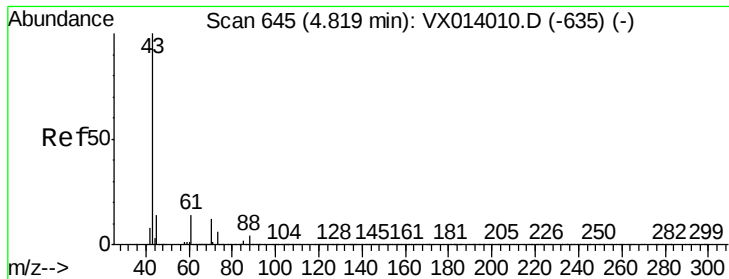
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	75	Resp:	350822
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	30.6	24.8	37.2

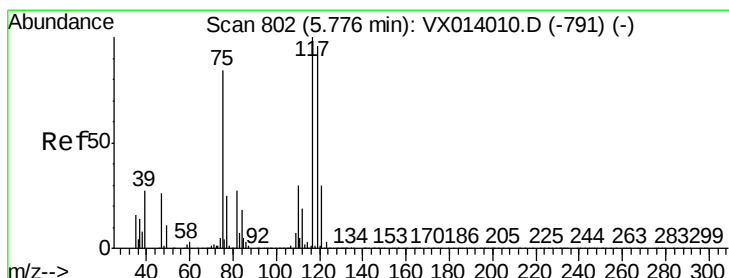
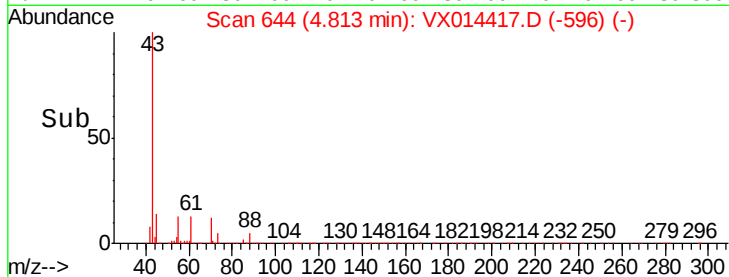
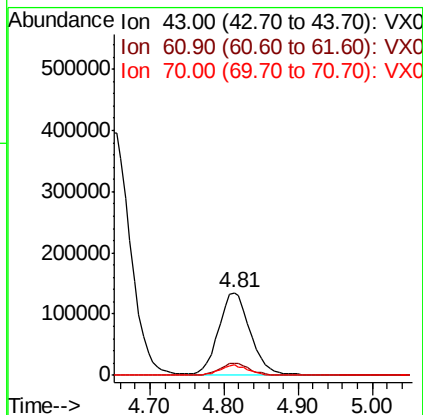
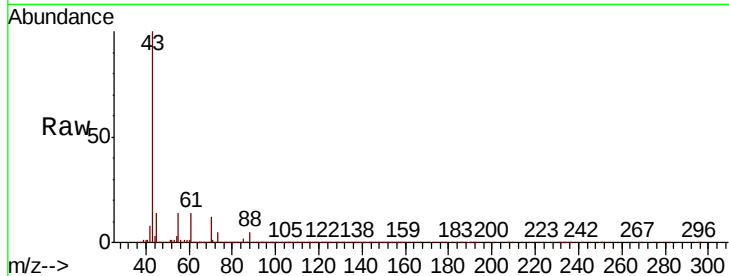




#37
Ethyl Acetate
Concen: 52.065 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

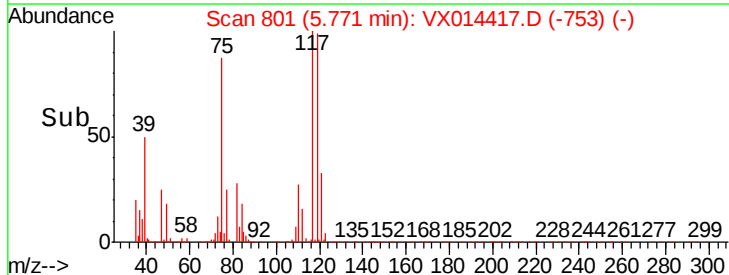
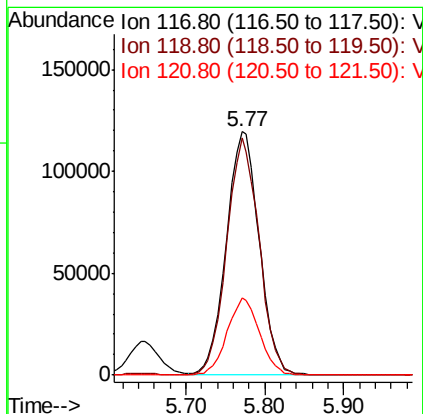
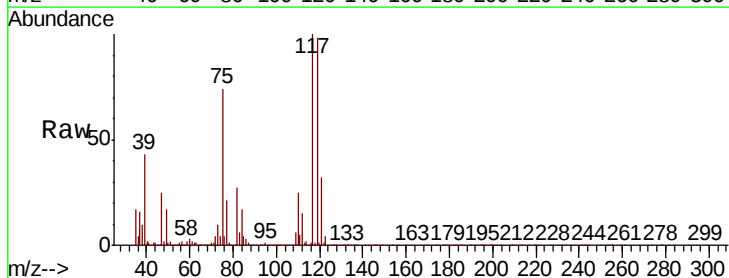
Instrument :
MSVOA_X
ClientSampled :

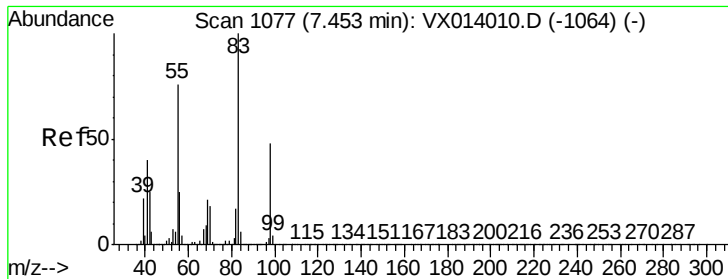
Tot Ion: 43 Resp: 397626
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 54.929 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 117 Resp: 346072
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4
121 32.0 23.6 35.4

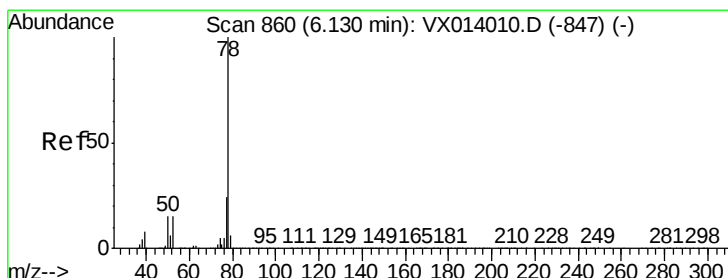
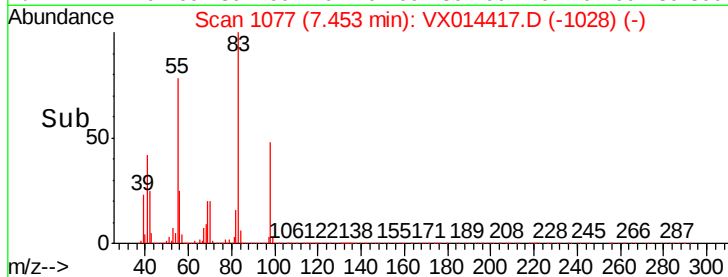
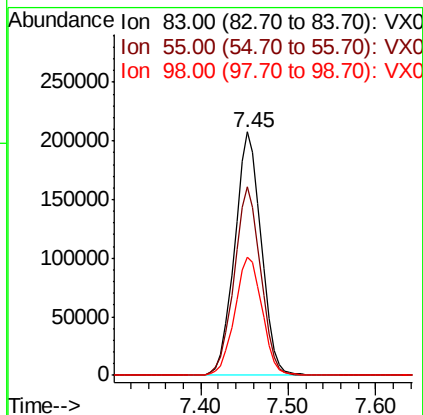
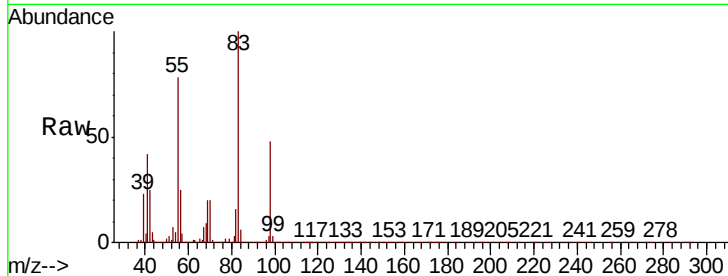




#39
Methvlcvclohexane
Concen: 51.151 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

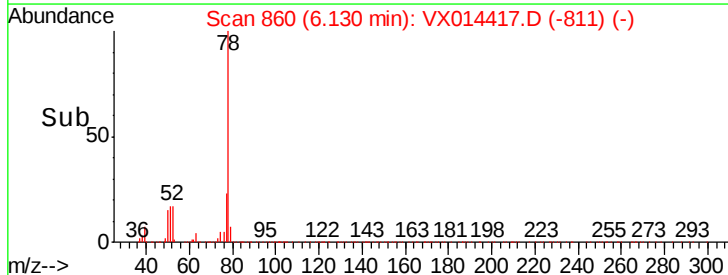
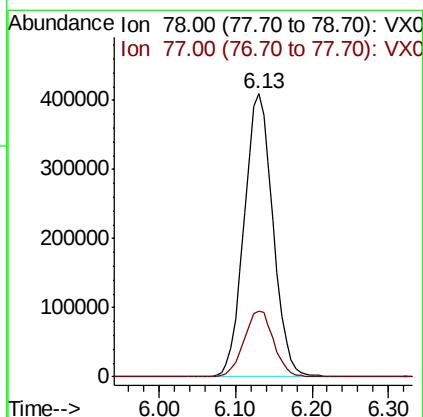
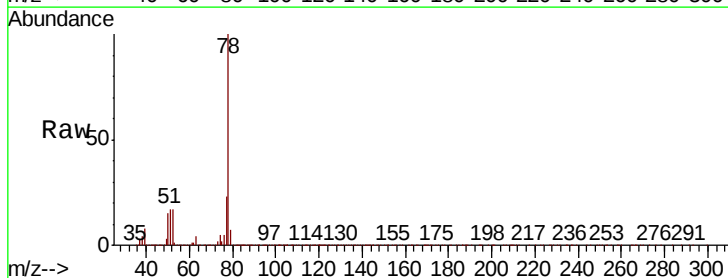
Instrument :
MSVOA_X
ClientSampled :

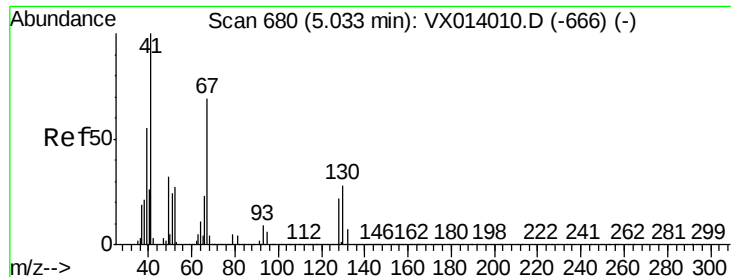
Tot Ion	83.00	Resp	436806
Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.0	91.6
98	48.3	38.6	57.8



#40
Benzene
Concen: 50.345 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	78	Resp	1071319
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2

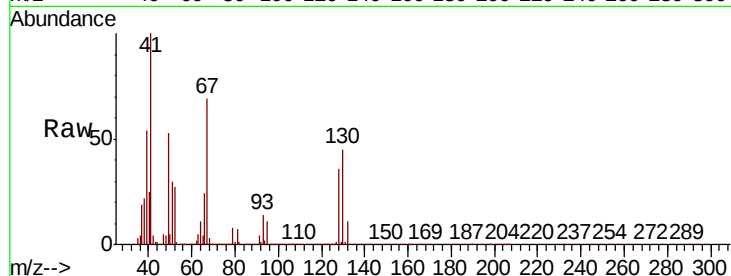




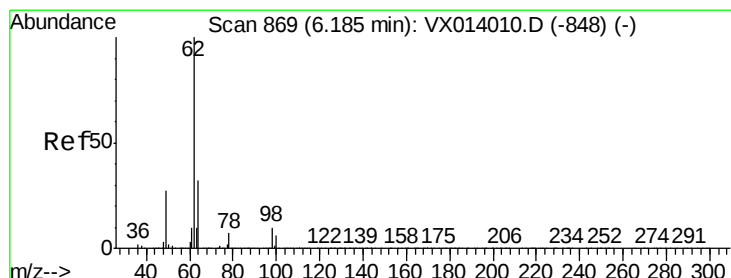
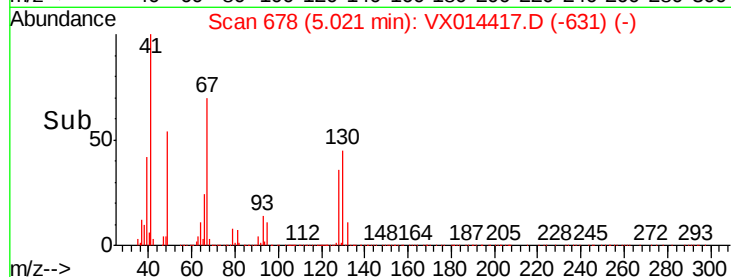
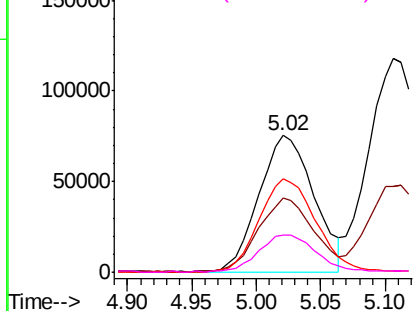
#41
Methacrylonitrile
Concen: 52.566 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	222748
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.5	66.7
67	70.8	57.4	86.0
52	27.9	23.0	34.4

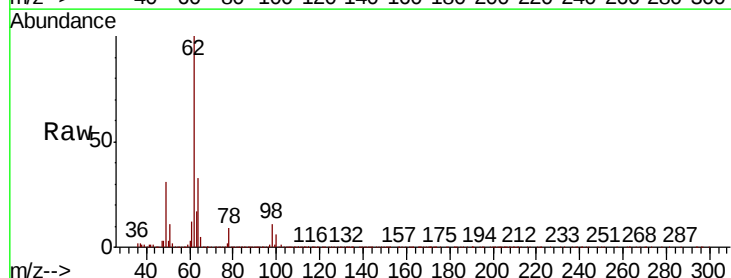


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

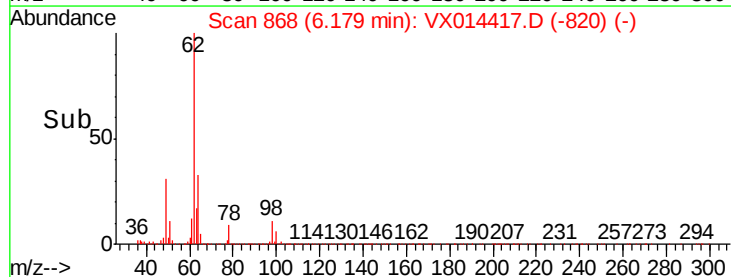
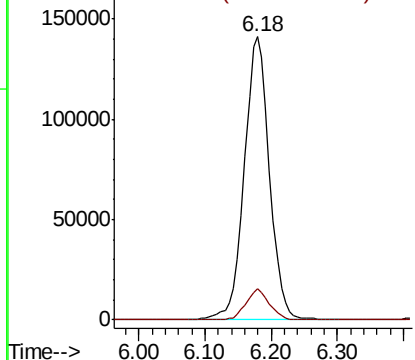


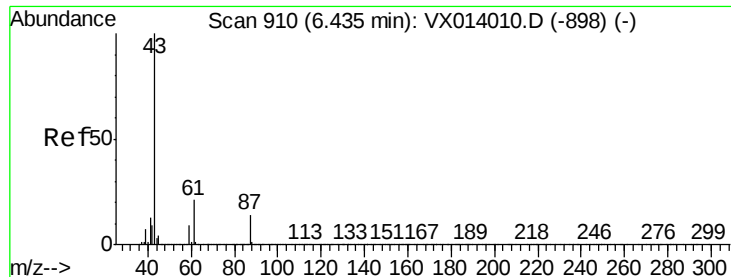
#42
1,2-Dichloroethane
Concen: 51.472 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:	62	Resp:	371277
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 53.203 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

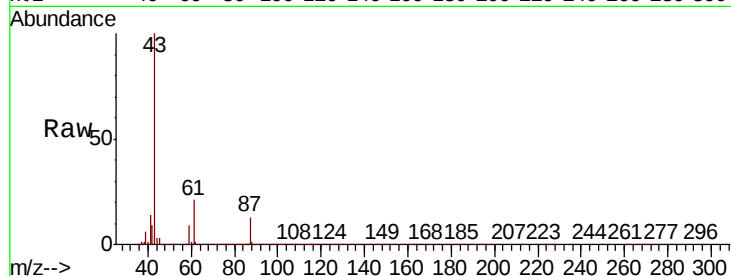
Tot Ion: 43 Resp: 672434

Ion Ratio Lower Upper

43 100

61 20.3 16.4 24.6

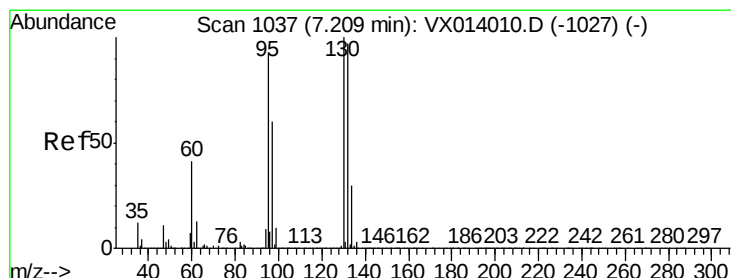
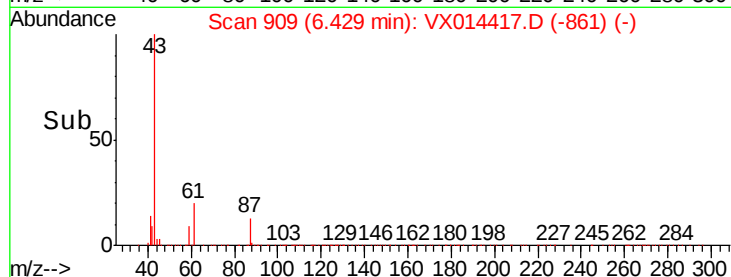
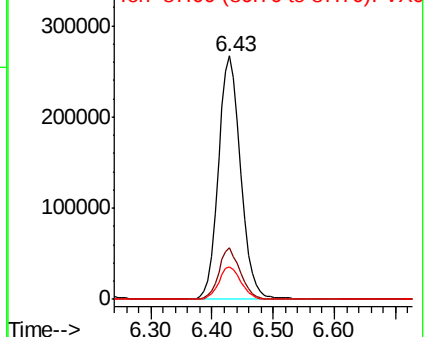
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.471 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014417.D

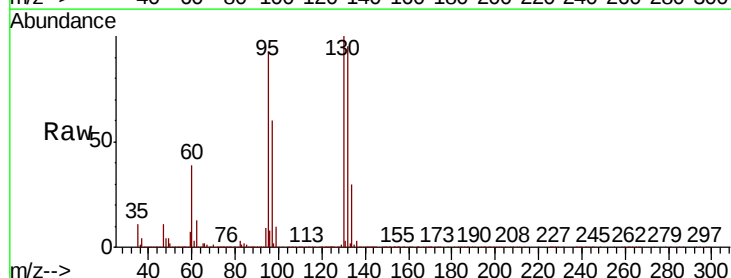
Acq: 06 Jan 2020 10:25

Tgt Ion:130 Resp: 302522

Ion Ratio Lower Upper

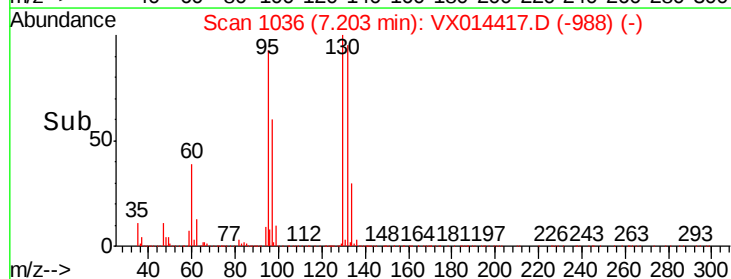
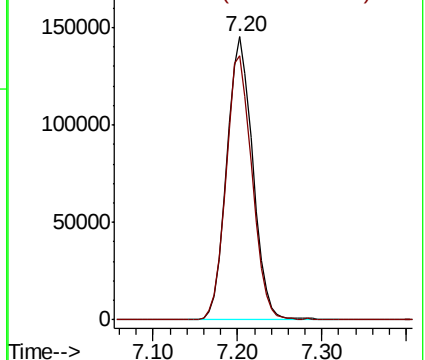
130 100

95 93.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

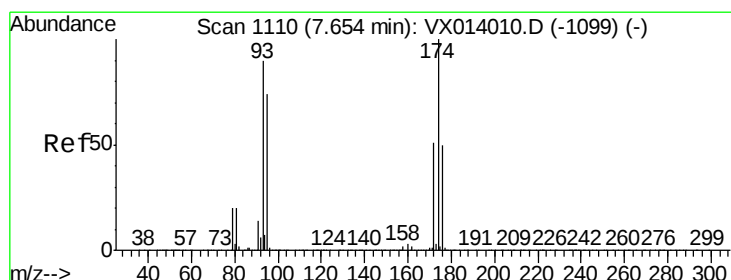
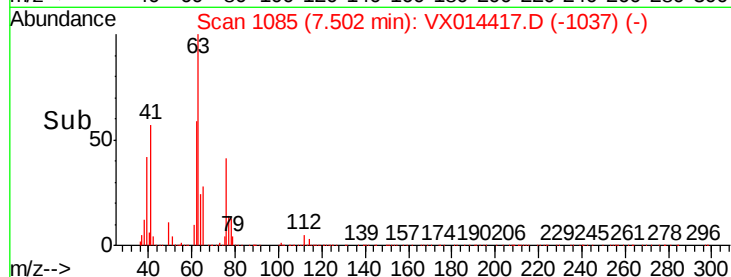
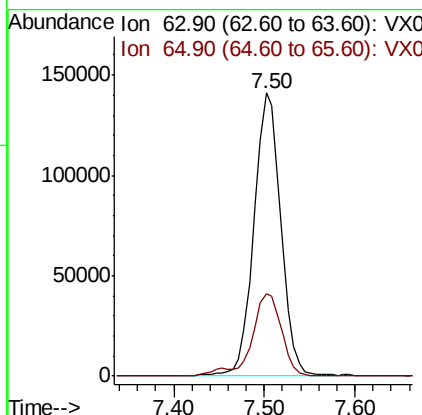
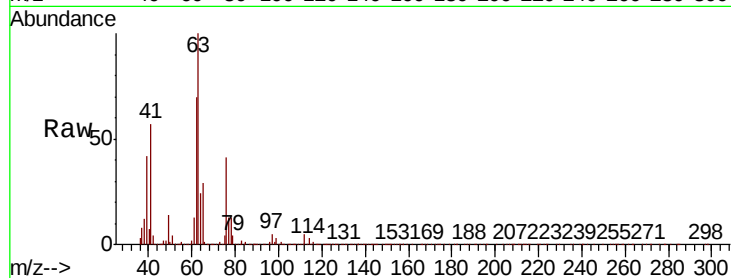




#45
 1,2-Dichloropropane
 Concen: 53.002 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

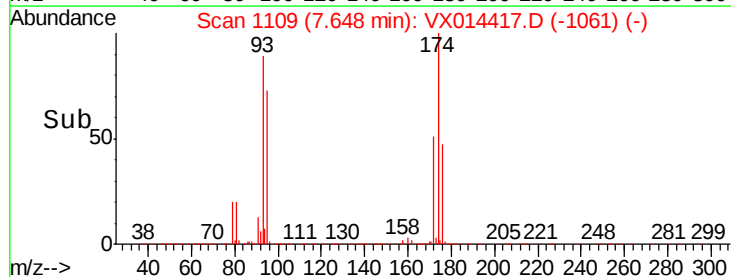
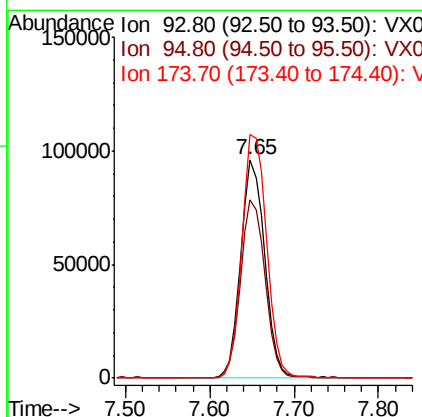
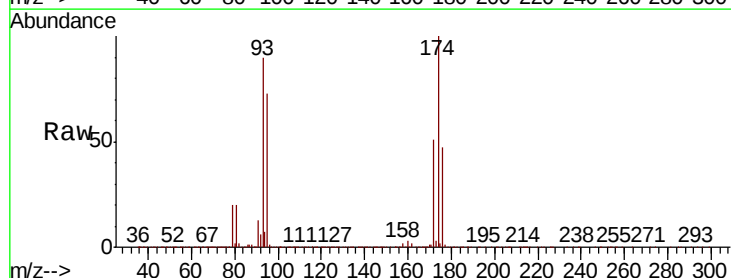
Instrument :
 MSVOA_X
 ClientSampleId :

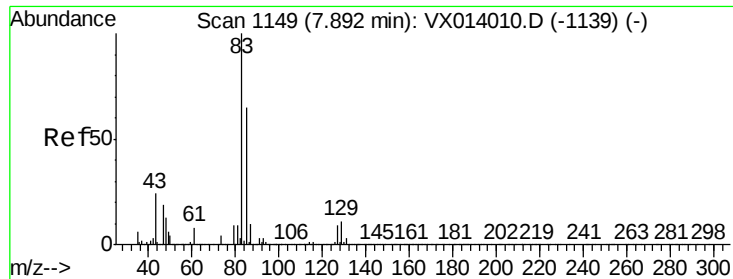
Tot Ion: 63 Resp: 289076
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.8 38.8



#46
 Dibromomethane
 Concen: 51.183 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion: 93 Resp: 184567
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.3 100.9
 174 114.3 91.6 137.4





#47

Bromodichloromethane

Concen: 55.472 ug/l

RT: 7.89 min Scan# 1148

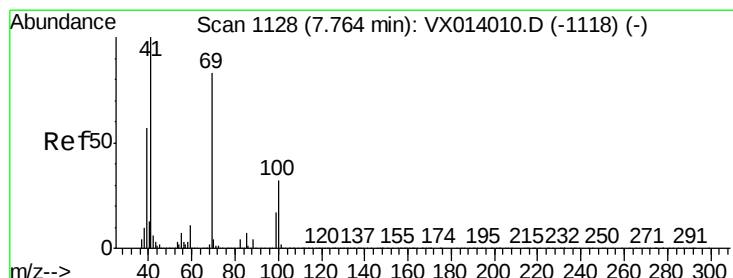
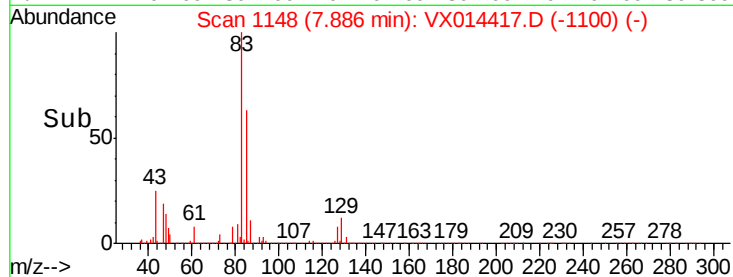
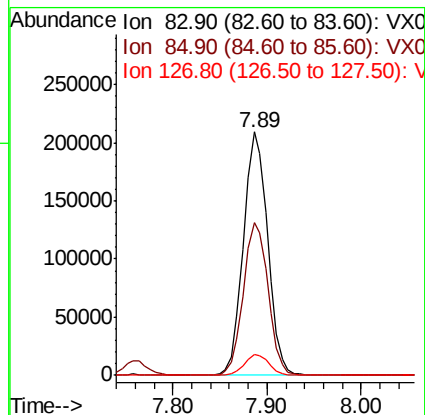
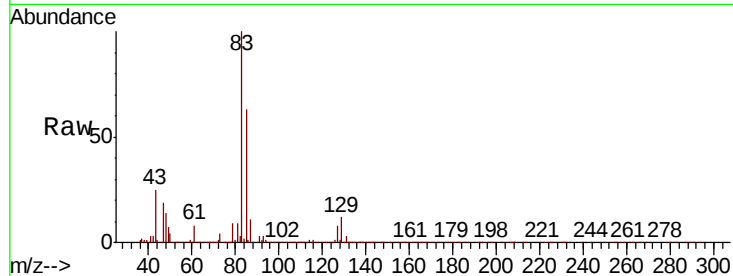
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	376730
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	8.5	7.0	10.4



#48

Methyl methacrylate

Concen: 53.227 ug/l

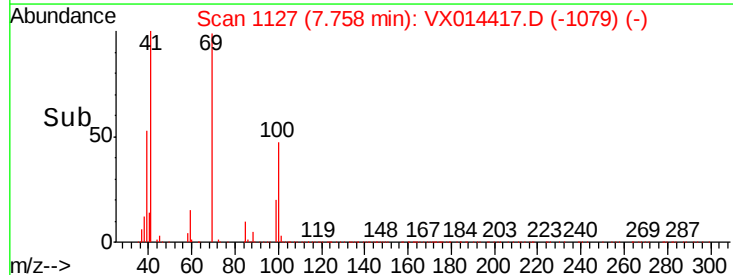
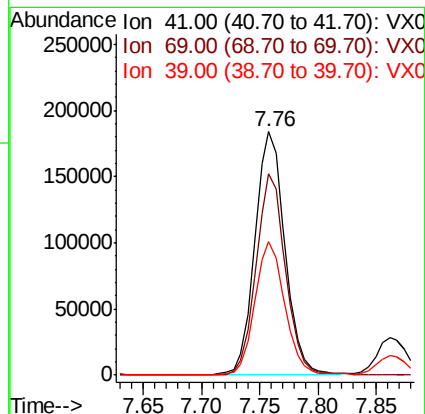
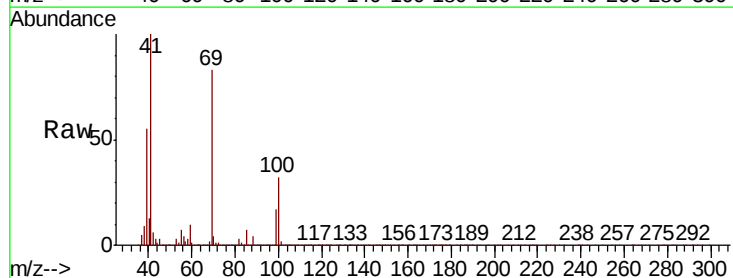
RT: 7.76 min Scan# 1127

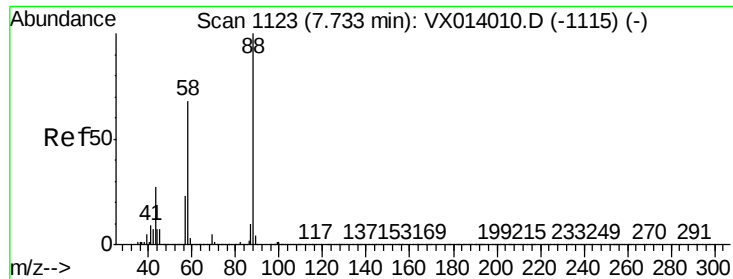
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	41	Resp:	329421
Ion	Ratio	Lower	Upper
41	100		
69	81.3	65.8	98.6
39	54.5	44.6	67.0

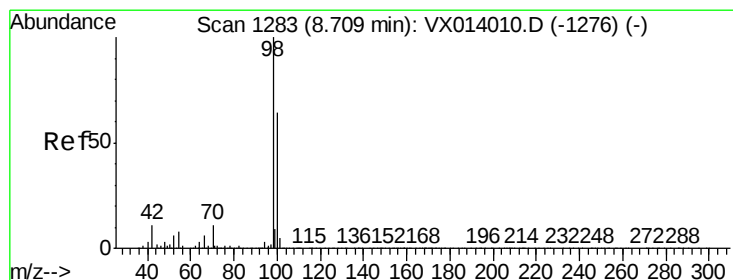
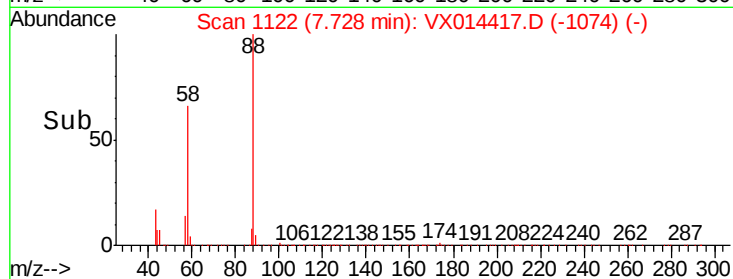
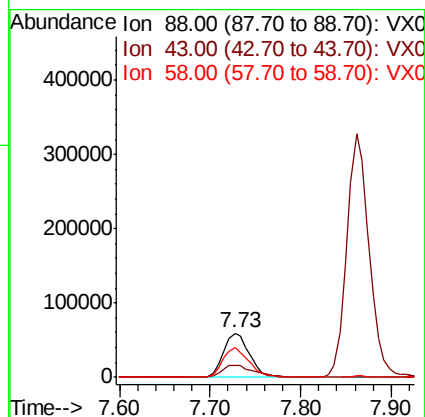
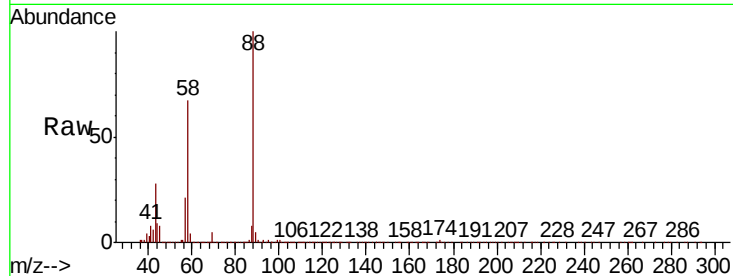




#49
1,4-Dioxane
Concen: 927.497 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

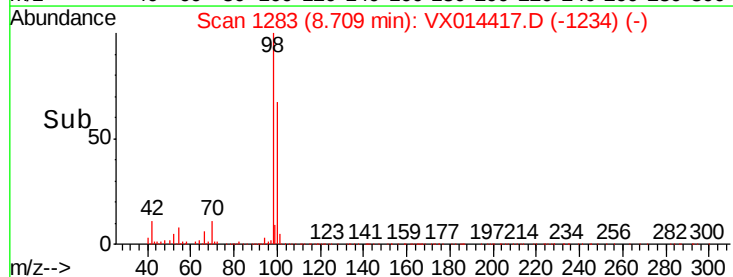
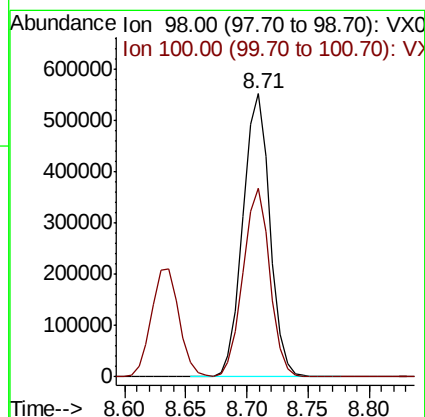
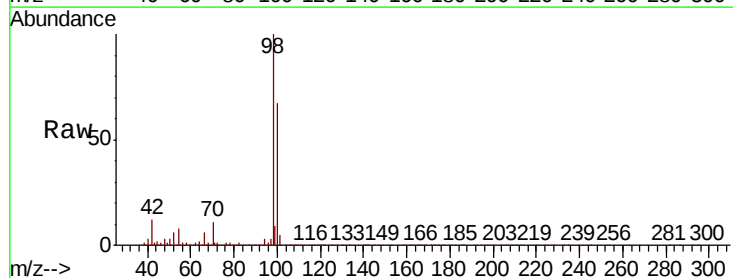
Instrument :
MSVOA_X
ClientSampleId :

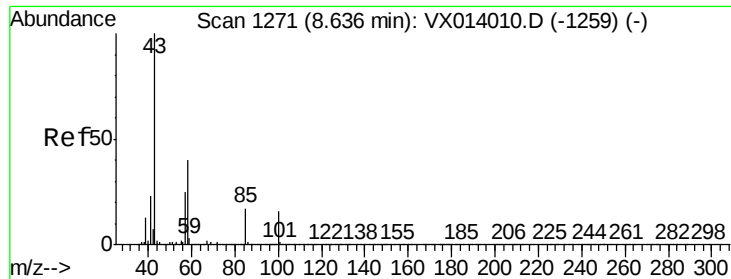
Tot Ion: 88 Resp: 116816
Ion Ratio Lower Upper
88 100
43 33.2 26.5 39.7
58 68.5 56.8 85.2



#50
Toluene-d8
Concen: 47.290 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 98 Resp: 843578
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 257.930 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

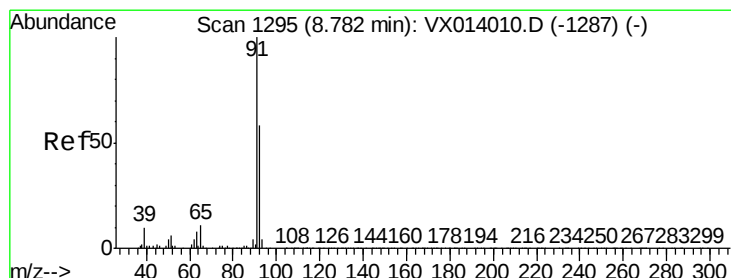
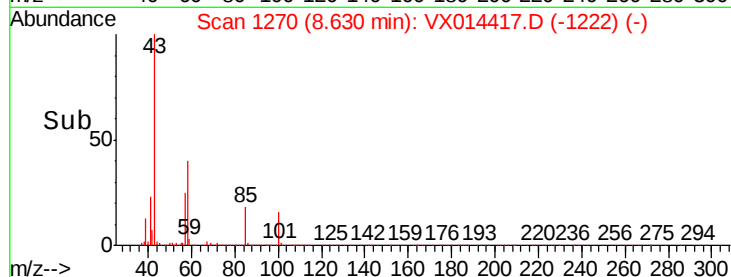
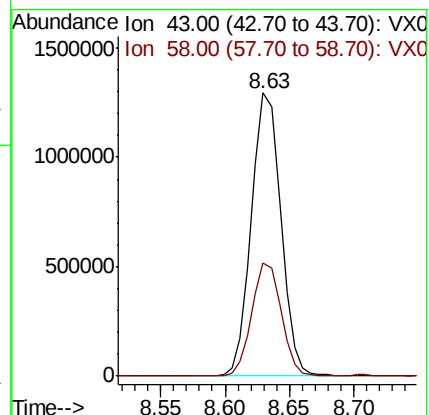
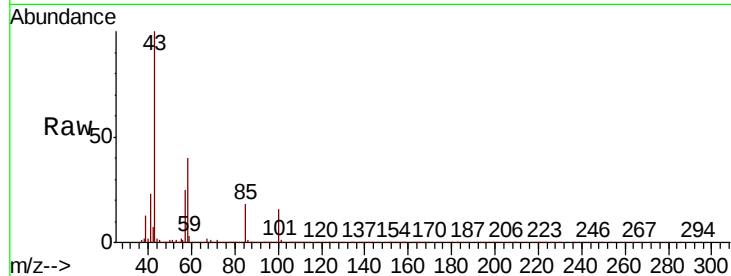
ClientSampled :

Tot Ion: 43 Resp: 2047328

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2



#52

Toluene

Concen: 50.898 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014417.D

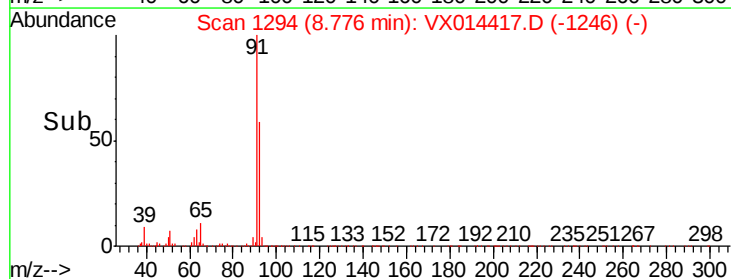
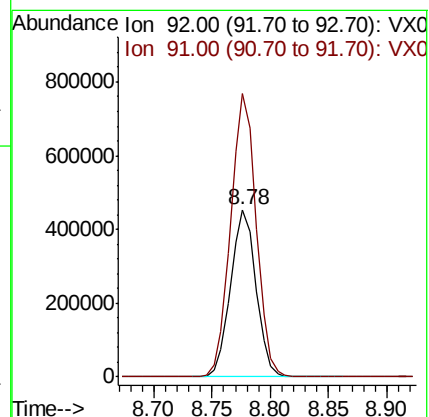
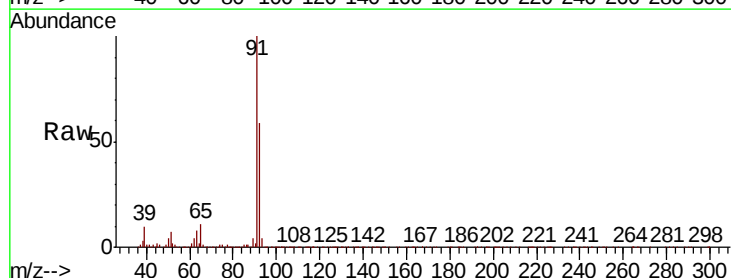
Acq: 06 Jan 2020 10:25

Tgt Ion: 92 Resp: 684578

Ion Ratio Lower Upper

92 100

91 170.9 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 56.654 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

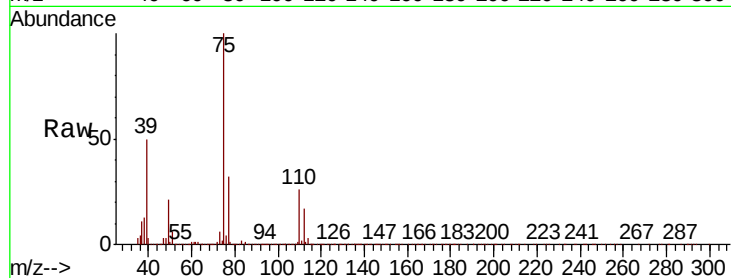
ClientSampleId :

Tot Ion: 75 Resp: 421890

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

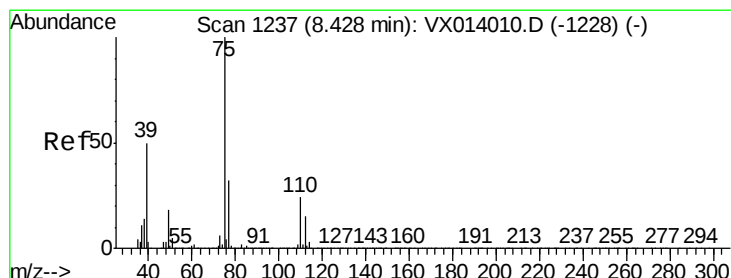
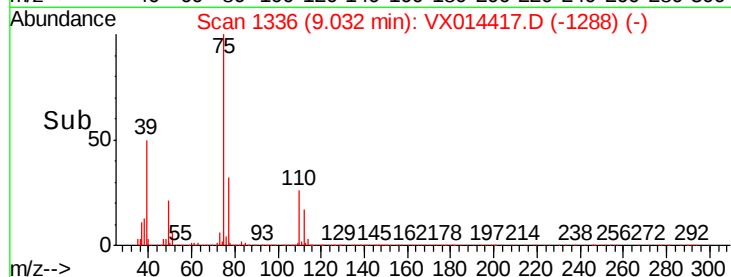
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.345 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

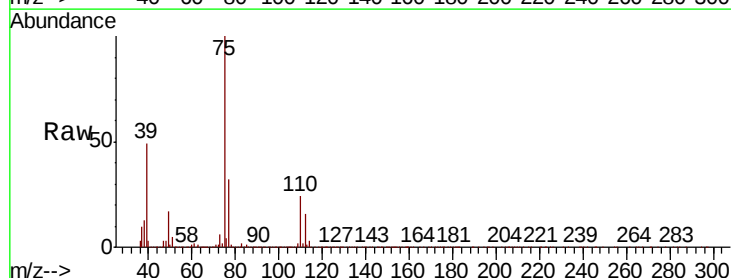
Tgt Ion: 75 Resp: 467447

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 49.3 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

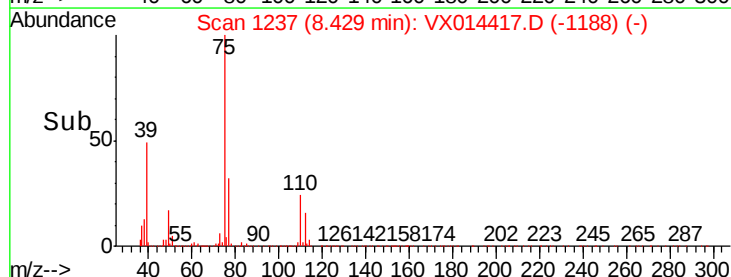
300000

200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.305 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 281960

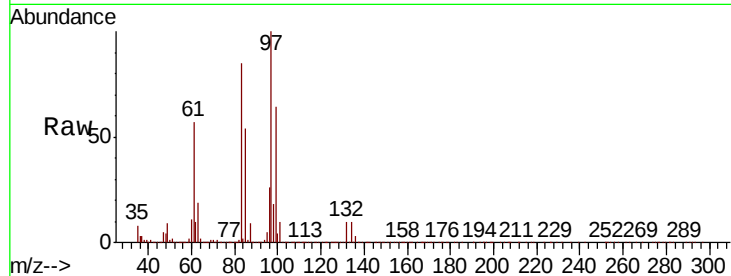
Ion Ratio Lower Upper

97 100

83 84.9 68.2 102.4

85 54.2 44.6 66.8

99 63.8 51.4 77.0

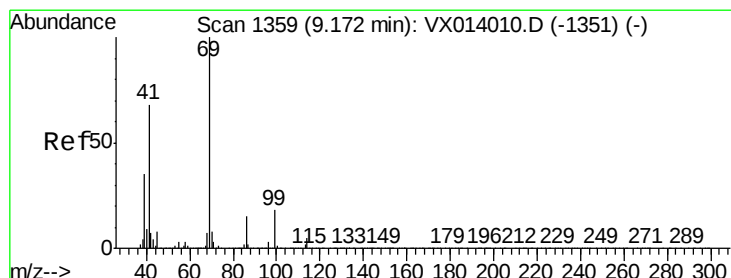
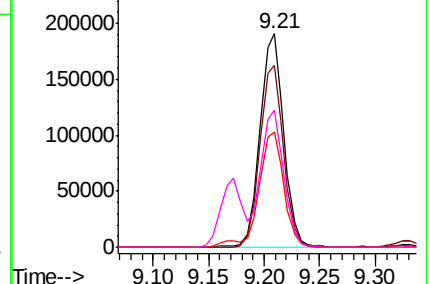
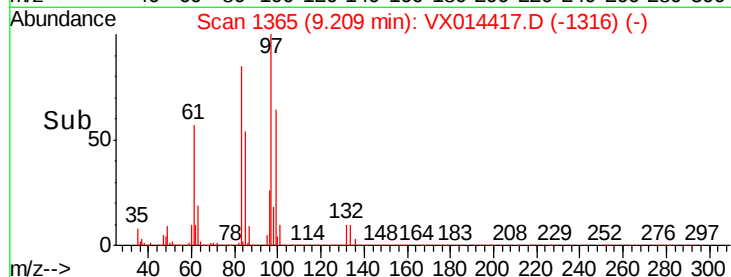


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.993 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

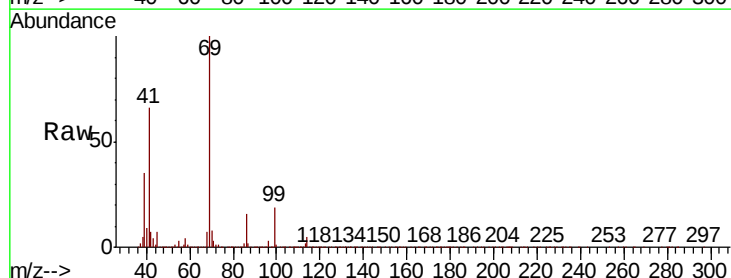
Tgt Ion: 69 Resp: 457206

Ion Ratio Lower Upper

69 100

41 68.6 54.8 82.2

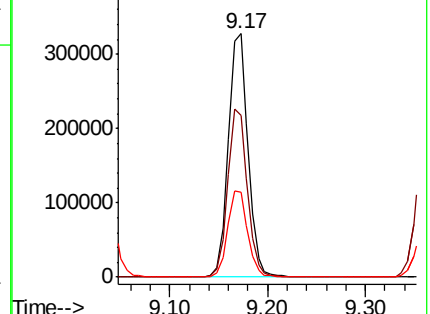
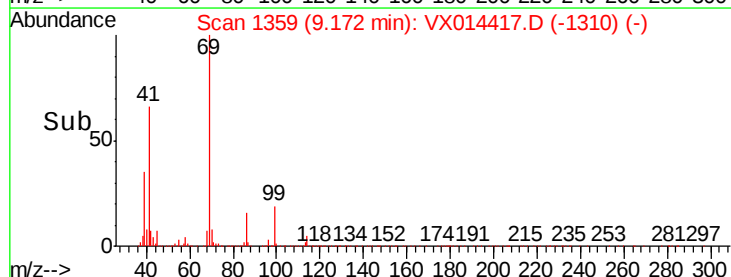
39 35.6 28.3 42.5

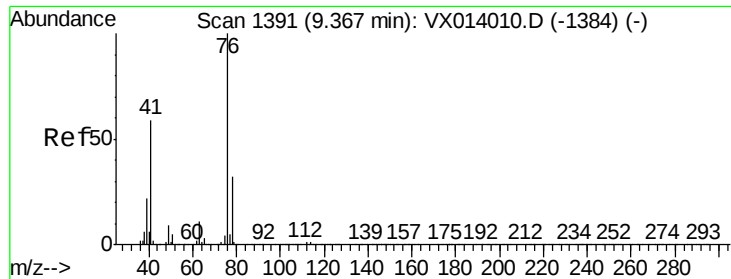


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.361 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

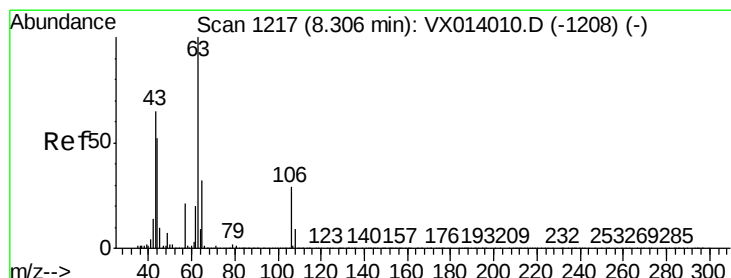
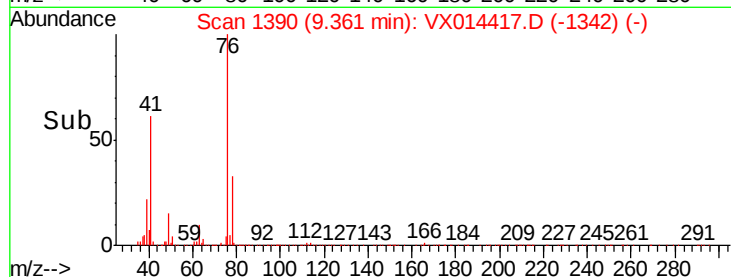
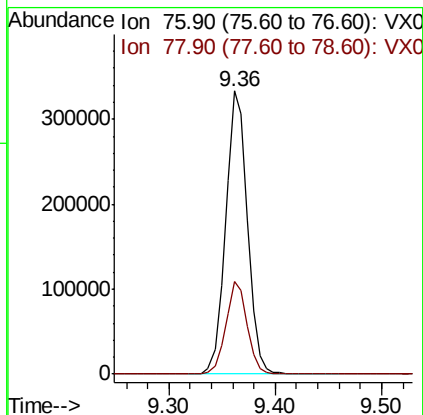
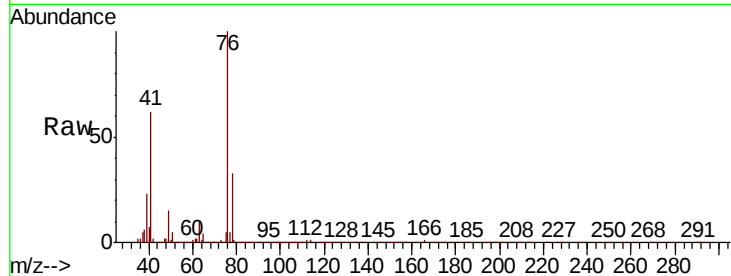
ClientSampleId :

Tot Ion: 76 Resp: 474897

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 296.015 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014417.D

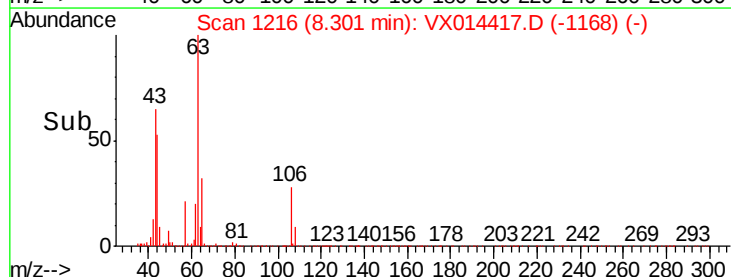
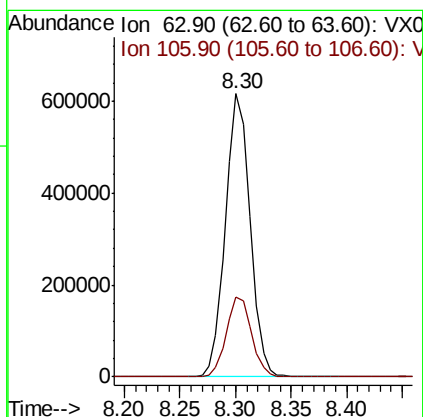
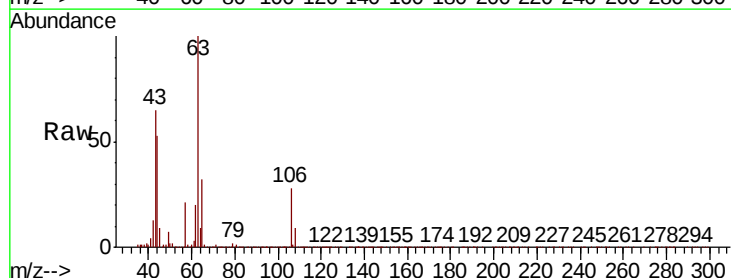
Acq: 06 Jan 2020 10:25

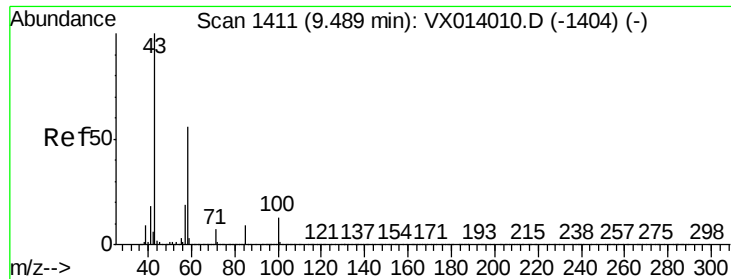
Tgt Ion: 63 Resp: 948588

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6

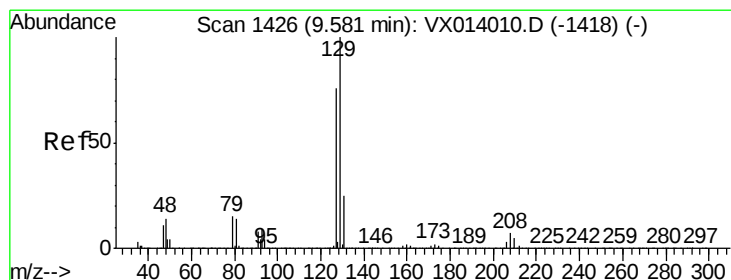
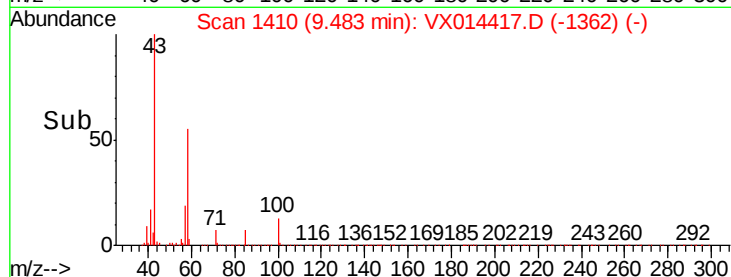
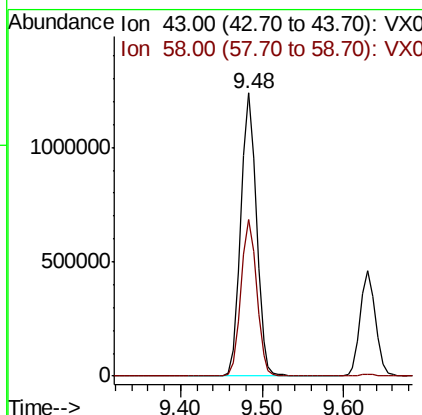
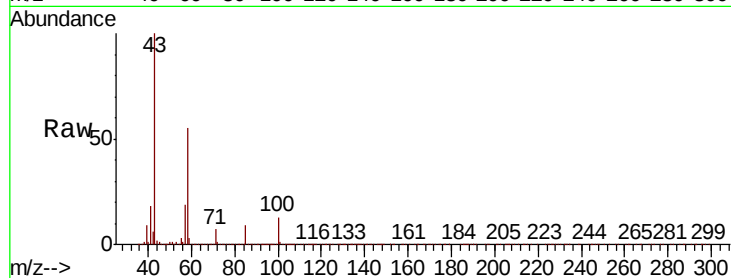




#59
2-Hexanone
Concen: 255.108 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

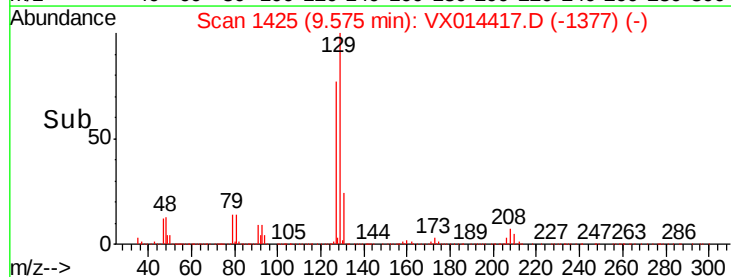
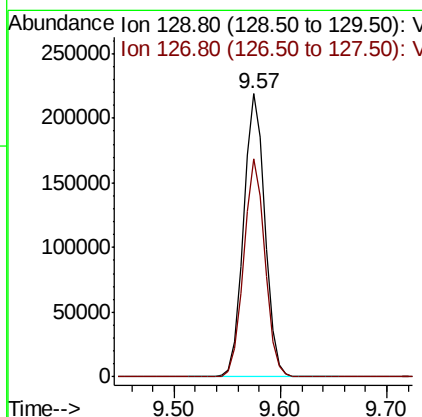
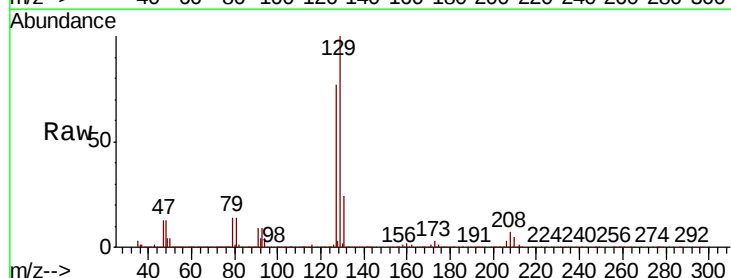
Instrument :
MSVOA_X
ClientSampleId :

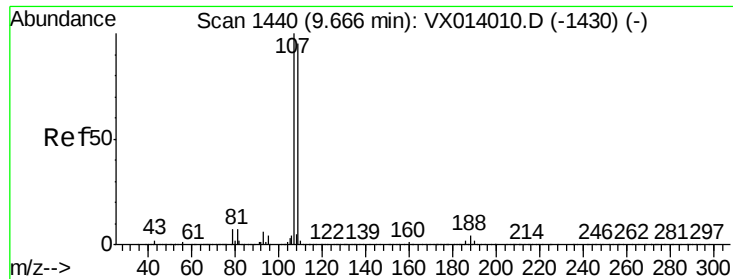
Tot Ion: 43 Resp: 1630074
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0



#60
Dibromochloromethane
Concen: 57.525 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 129 Resp: 308240
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.857 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

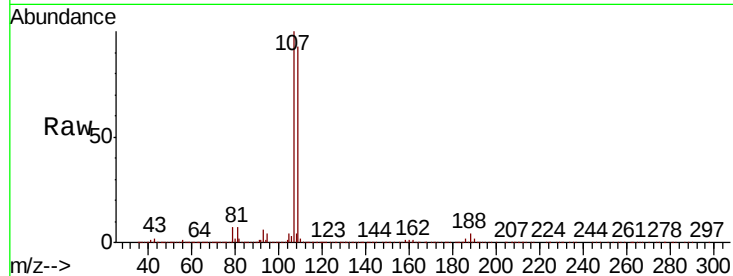
ClientSampleId :

Tot Ion:107 Resp: 291532

Ion Ratio Lower Upper

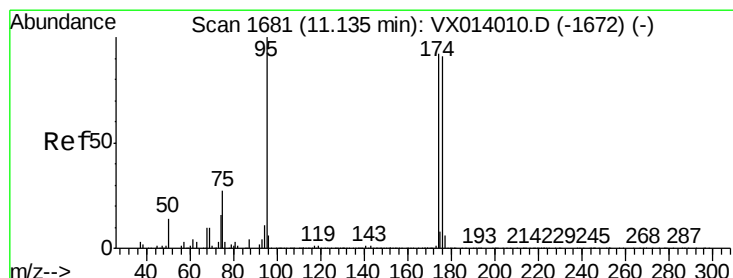
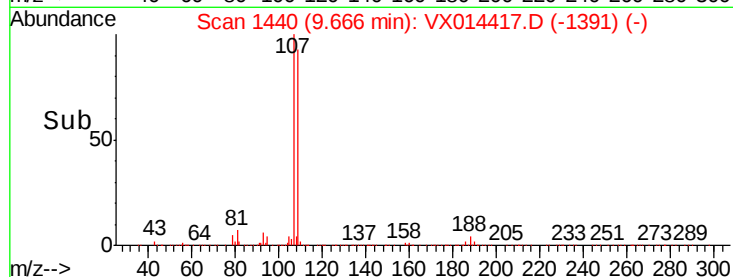
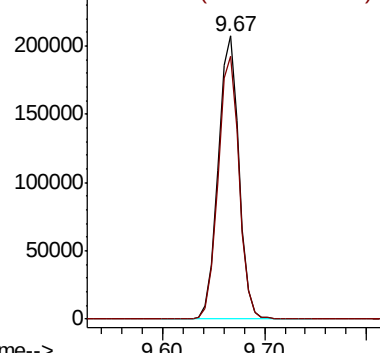
107 100

109 94.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.852 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

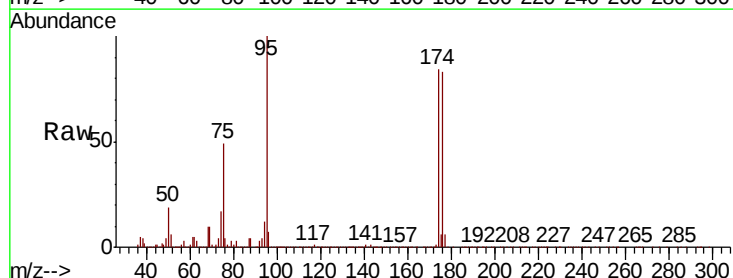
Tgt Ion: 95 Resp: 312025

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

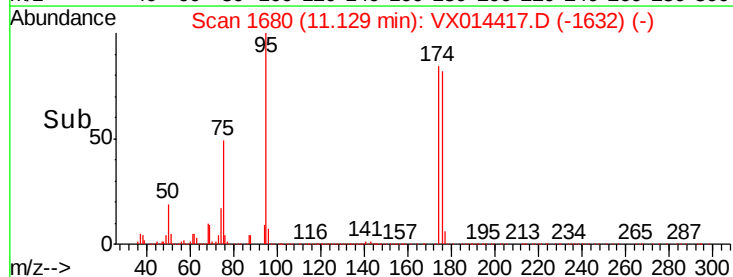
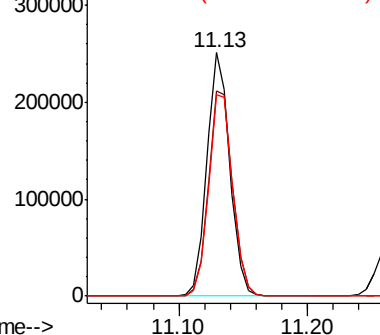
176 86.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

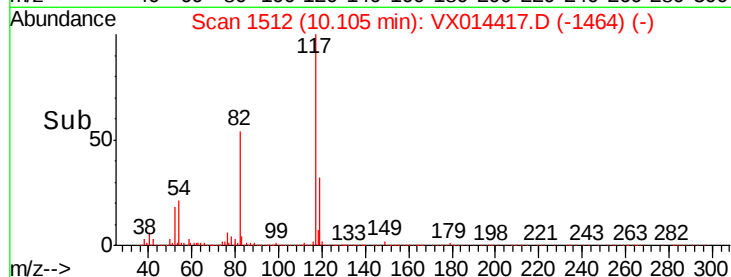
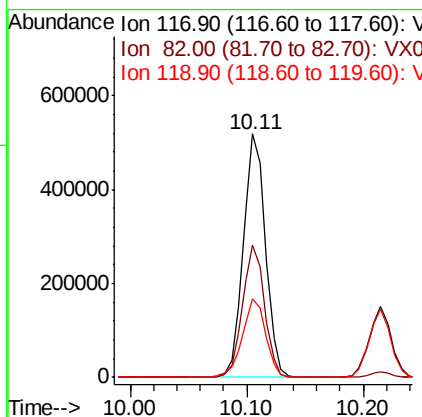
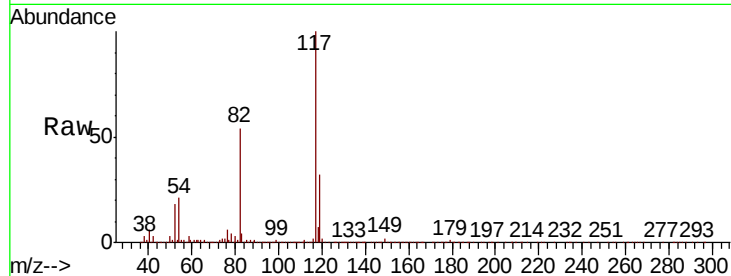




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

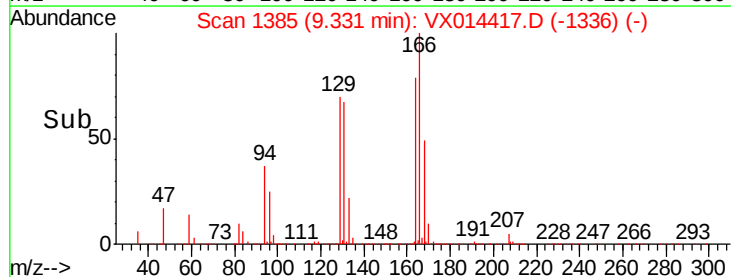
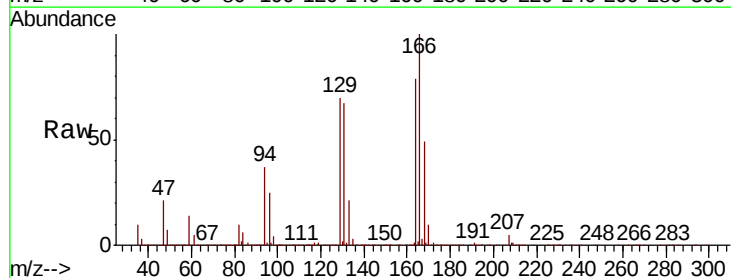
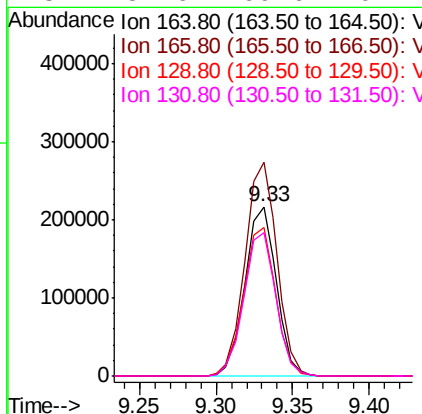
Instrument :
MSVOA_X
ClientSampleId :

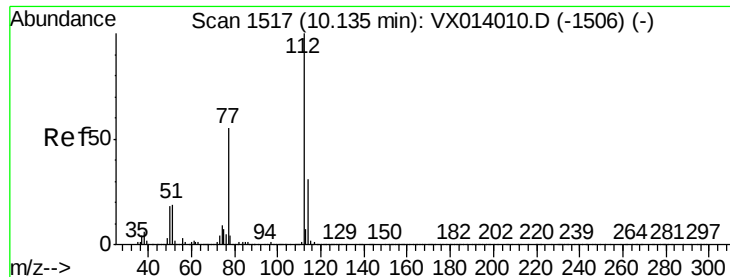
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.4
119	32.0	25.1	37.7



#64
Tetrachloroethene
Concen: 51.006 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	104.0	156.0
129	87.9	72.2	108.4
131	84.6	69.6	104.4

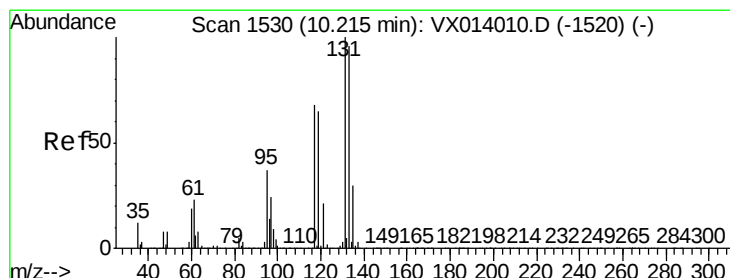
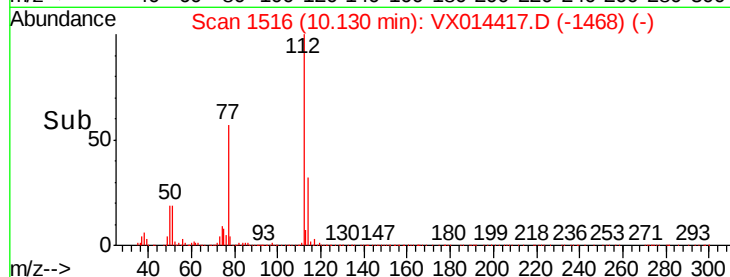
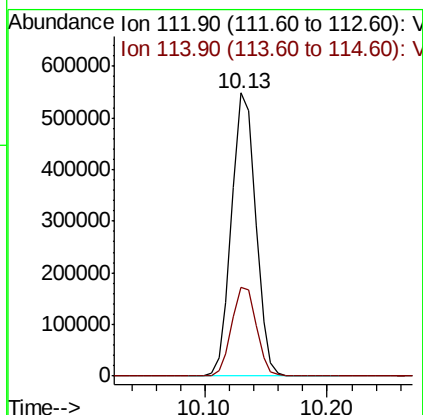
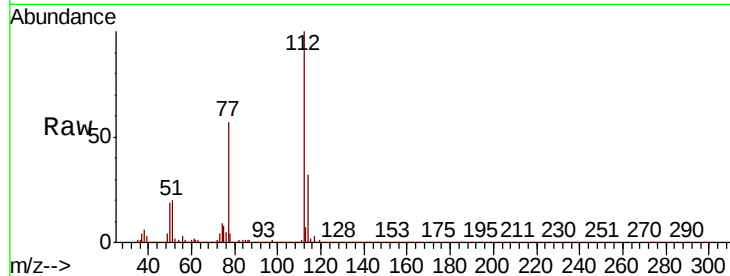




#65
Chlorobenzene
Concen: 51.168 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

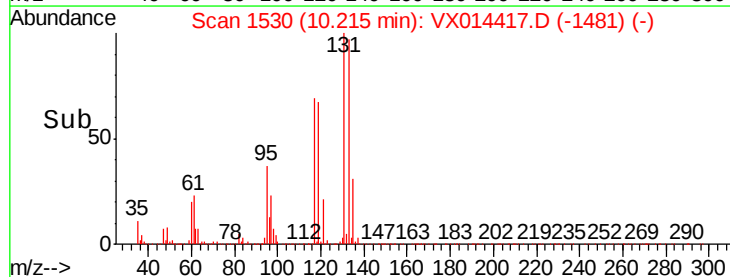
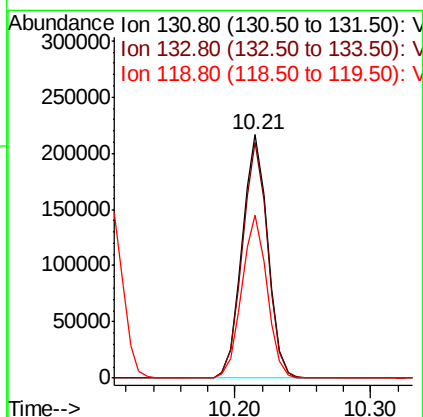
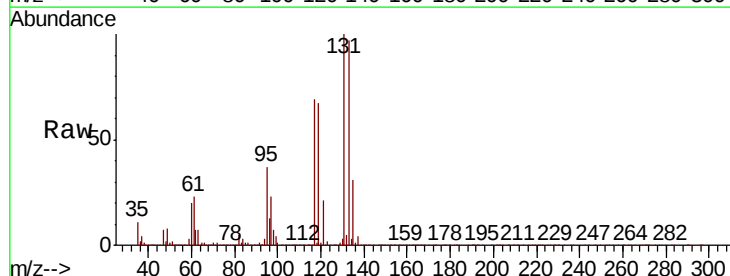
Instrument :
MSVOA_X
ClientSampleId :

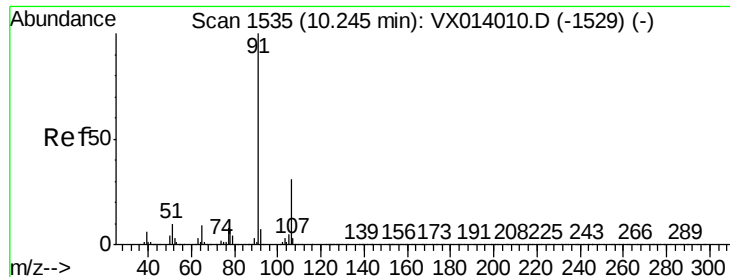
Tot Ion:112 Resp: 748845
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.343 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:131 Resp: 283973
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.0 33.4 100.2





#67

Ethyl Benzene

Concen: 52.289 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

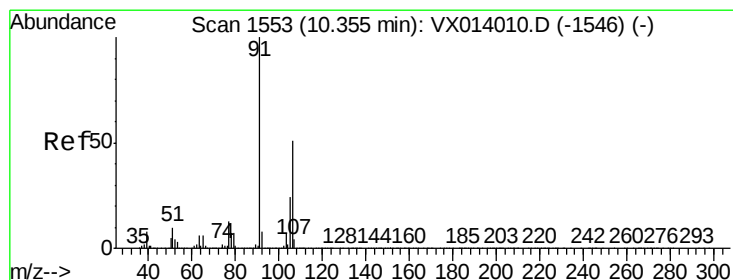
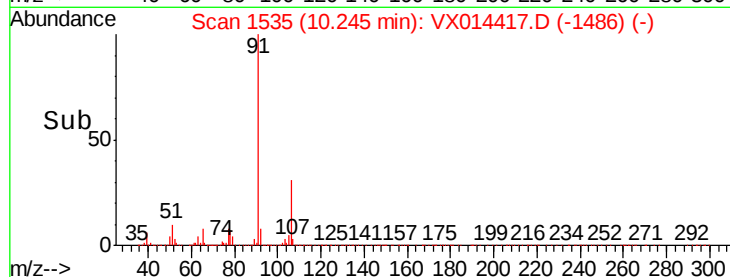
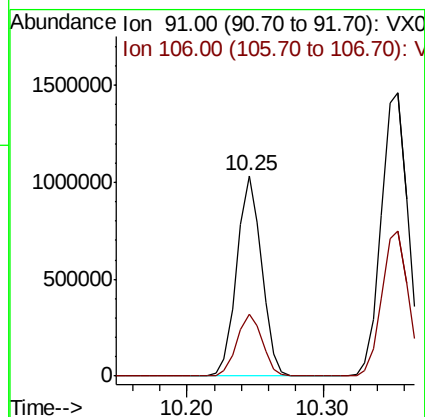
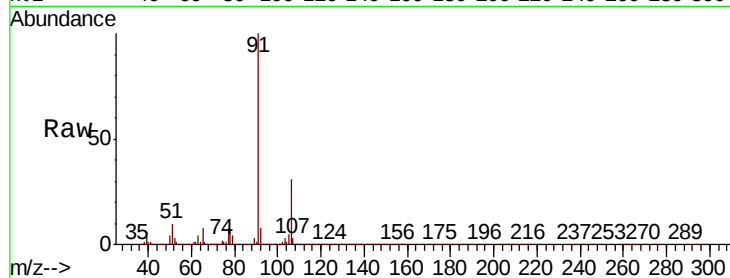
ClientSampleId :

Tot Ion: 91 Resp: 1315645

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 104.530 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014417.D

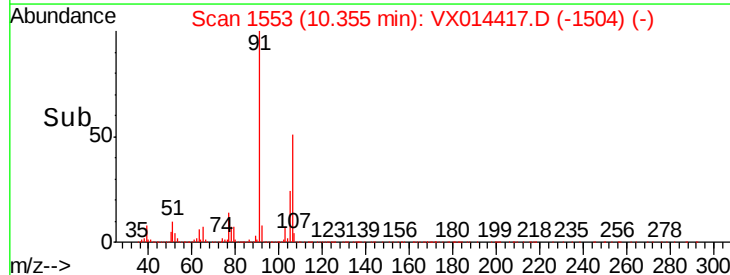
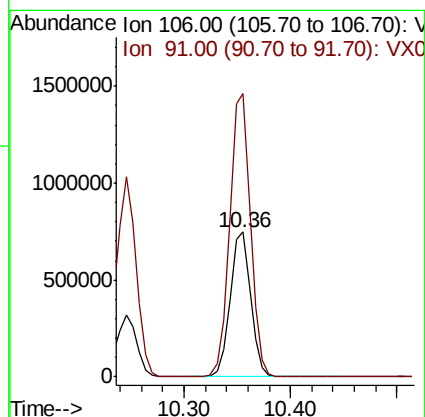
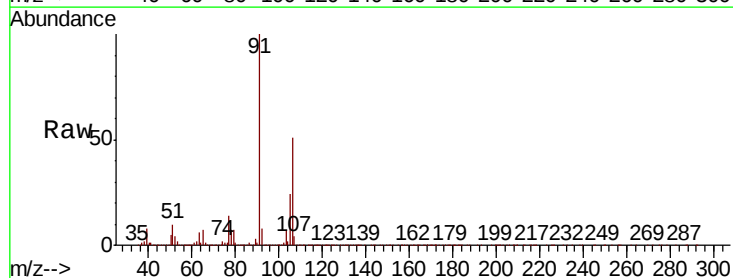
Acq: 06 Jan 2020 10:25

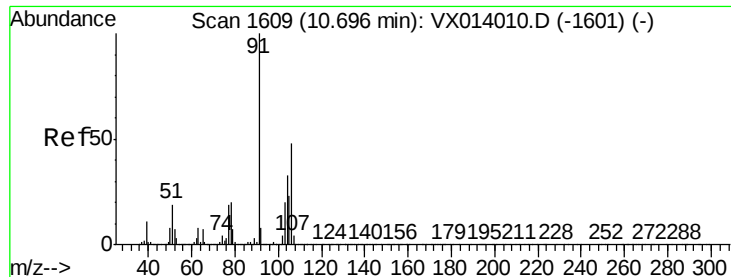
Tgt Ion: 106 Resp: 1011571

Ion Ratio Lower Upper

106 100

91 197.5 158.6 238.0

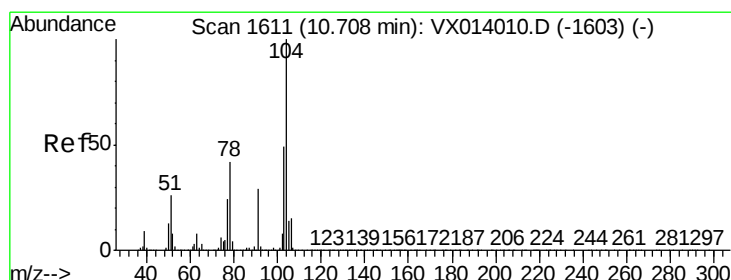
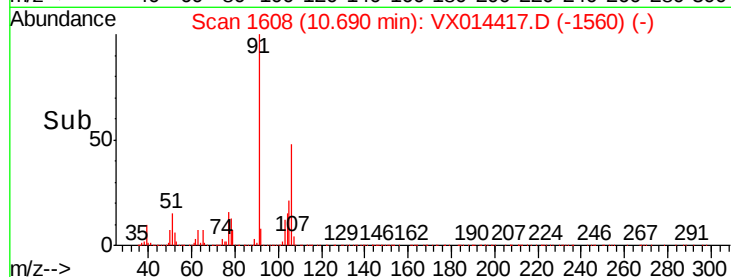
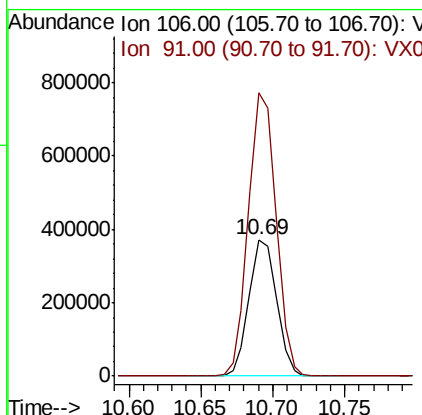
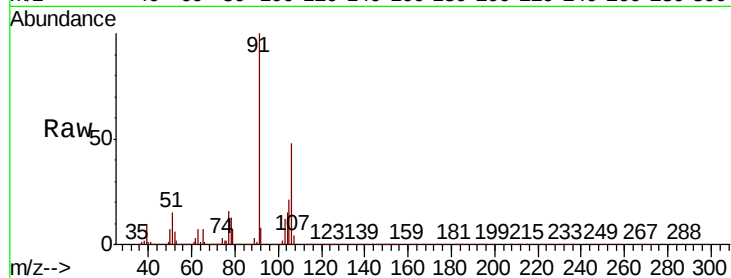




#69
o-Xylene
Concen: 52.017 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

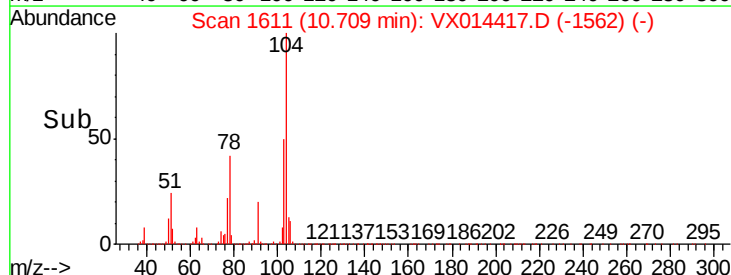
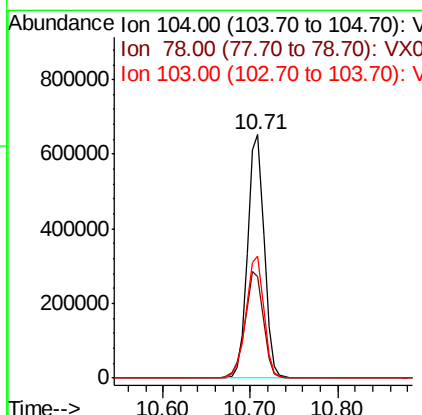
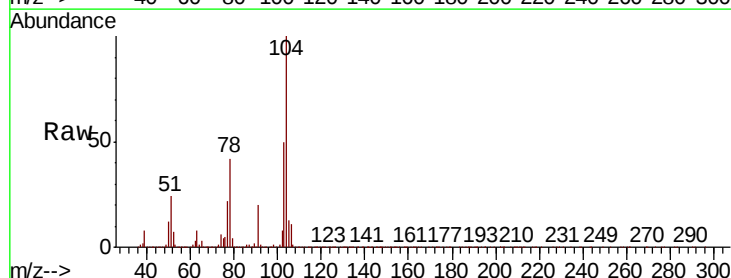
Instrument :
MSVOA_X
ClientSampleId :

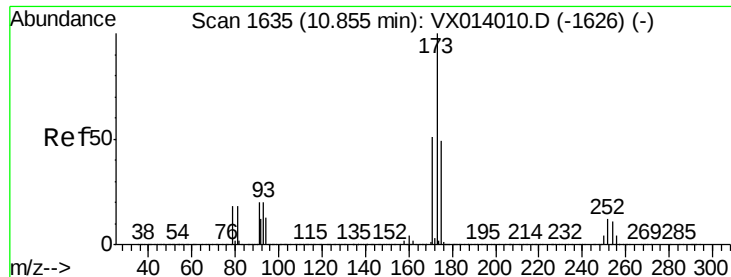
Tot Ion:106 Resp: 493695
Ion Ratio Lower Upper
106 100
91 207.8 104.2 312.6



#70
Styrene
Concen: 52.811 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:104 Resp: 847583
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.1 42.9 64.3





#71

Bromoform

Concen: 57.423 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

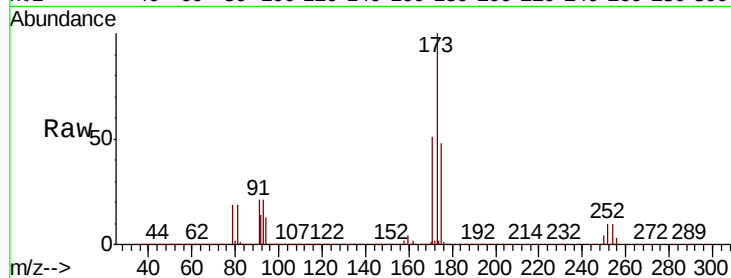
Tot Ion:173 Resp: 241203

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

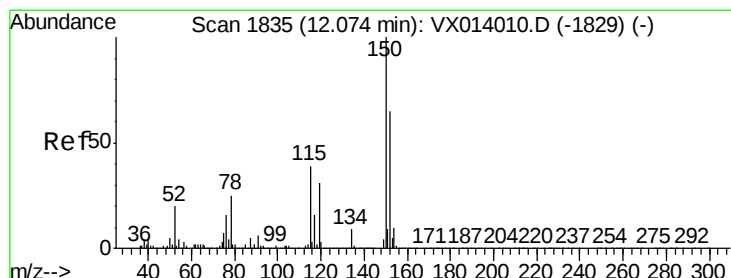
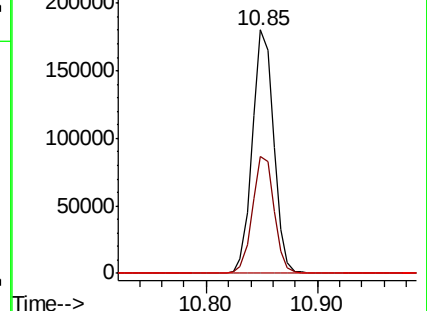
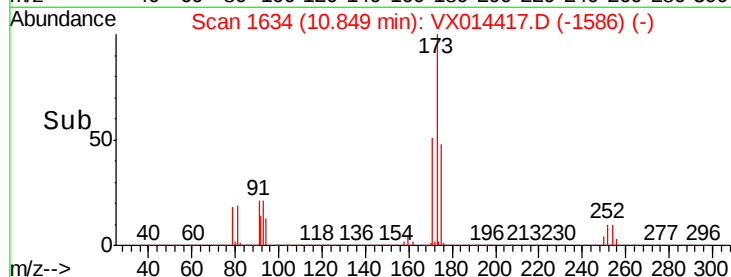
254 0.2 0.2 0.2#



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: VX014417.D

Acq: 06 Jan 2020 10:25

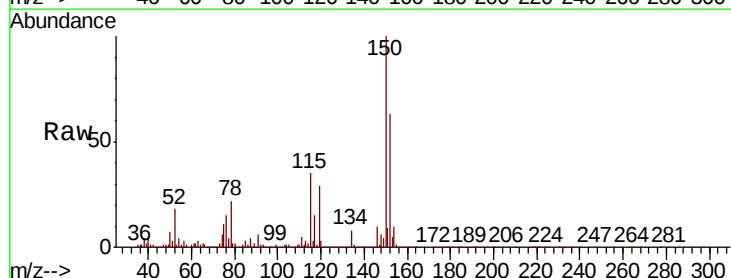
Tgt Ion:152 Resp: 350577

Ion Ratio Lower Upper

152 100

115 78.8 38.3 114.9

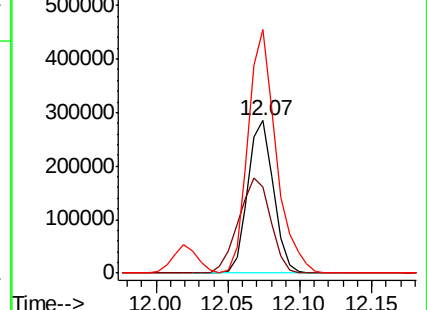
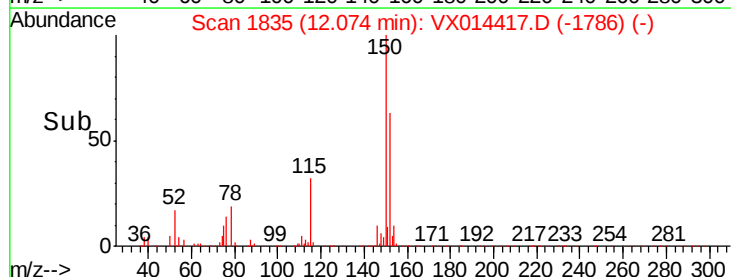
150 174.0 0.0 345.4

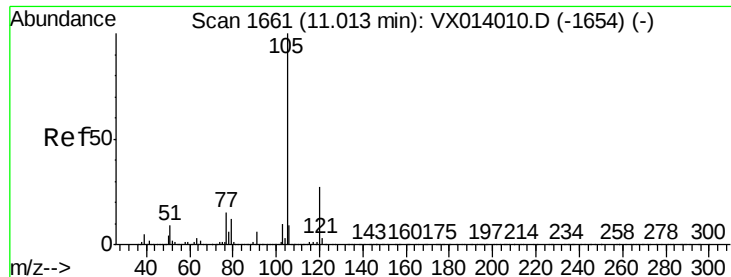


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.783 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

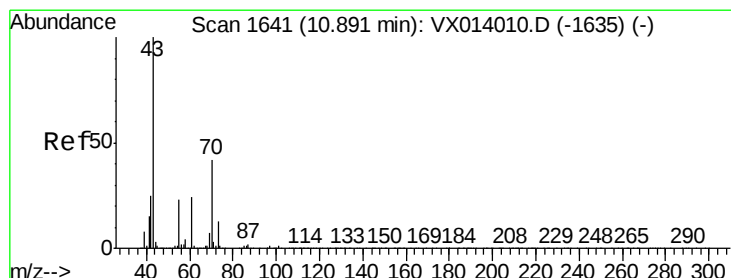
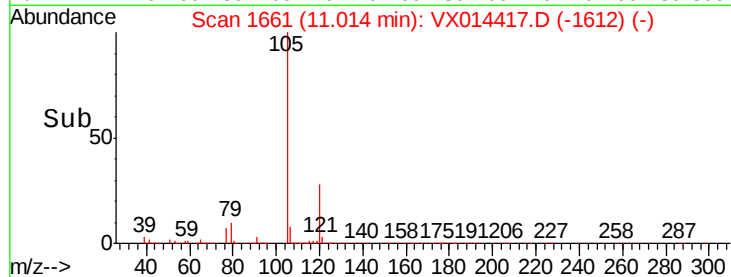
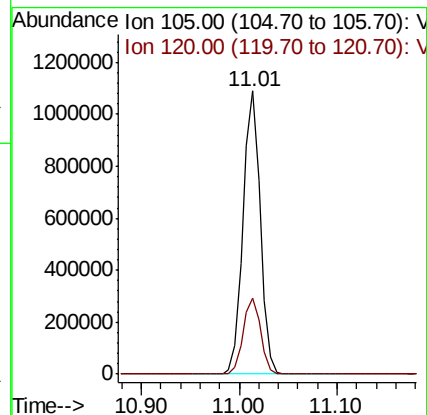
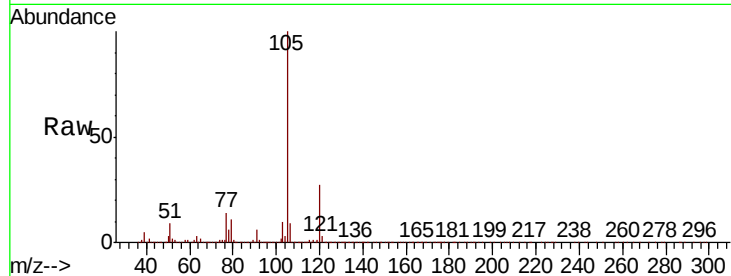
ClientSampleId :

Tot Ion:105 Resp: 1327541

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 51.582 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion: 43 Resp: 596806

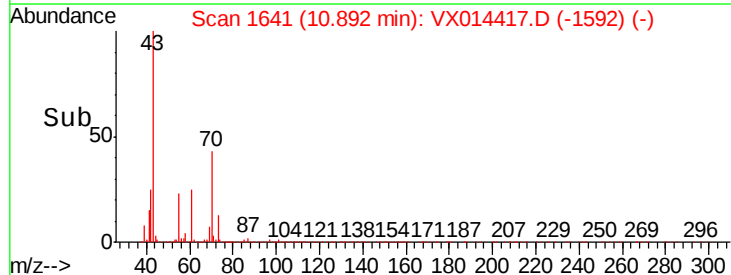
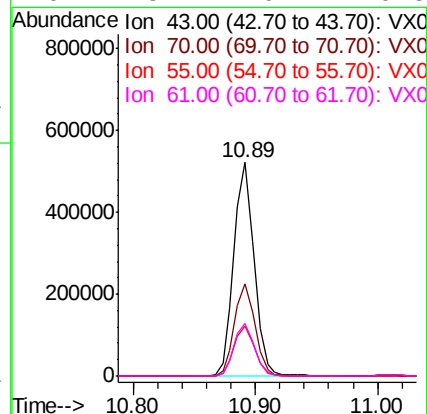
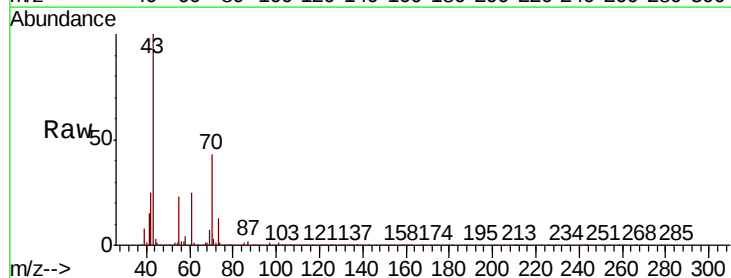
Ion Ratio Lower Upper

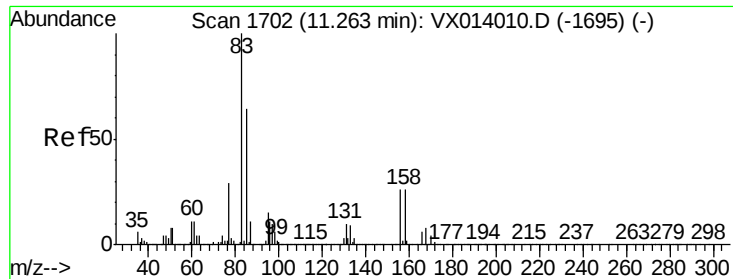
43 100

70 43.9 34.4 51.6

55 23.7 19.1 28.7

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.916 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

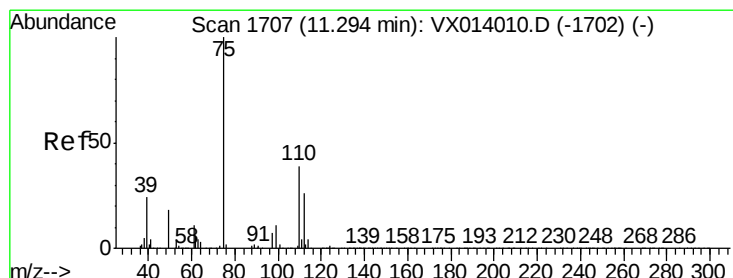
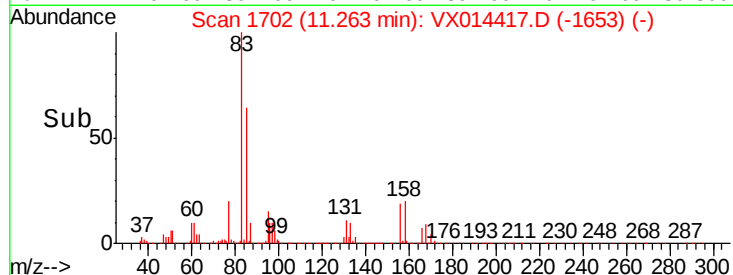
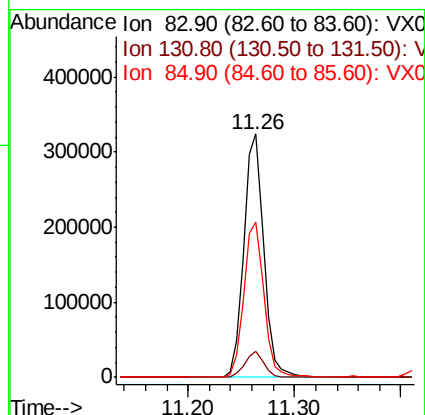
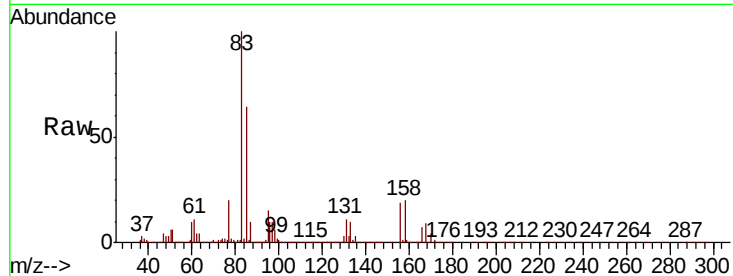
Tot Ion: 83 Resp: 427155

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 66.069 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014417.D

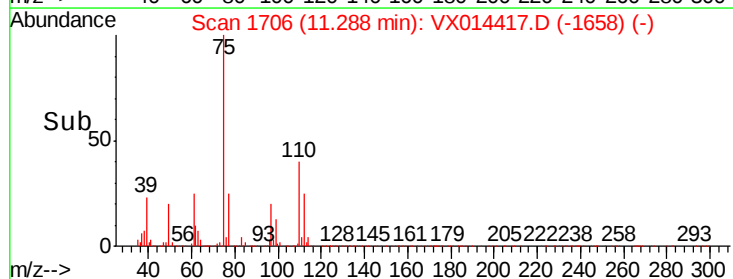
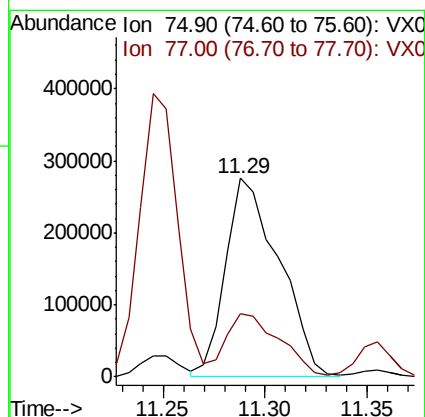
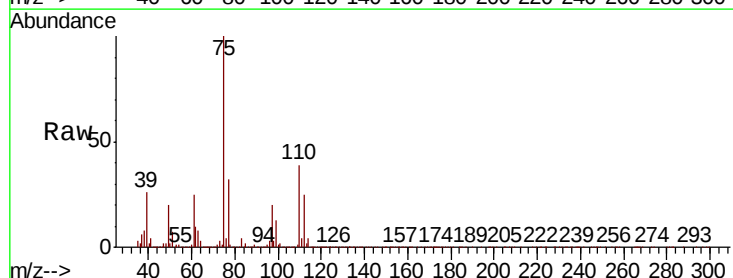
Acq: 06 Jan 2020 10:25

Tgt Ion: 75 Resp: 502851

Ion Ratio Lower Upper

75 100

77 32.2 19.3 57.8





#77

Bromobenzene

Concen: 49.816 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

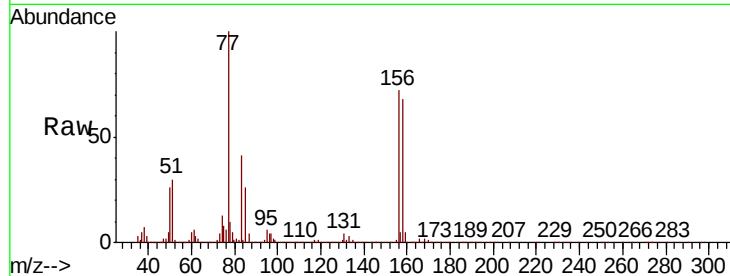
Tot Ion:156 Resp: 338317

Ion Ratio Lower Upper

156 100

77 150.1 76.5 229.5

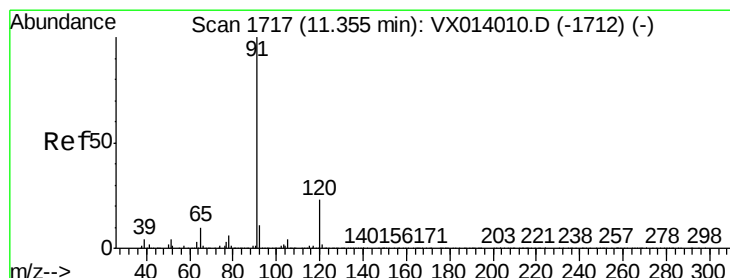
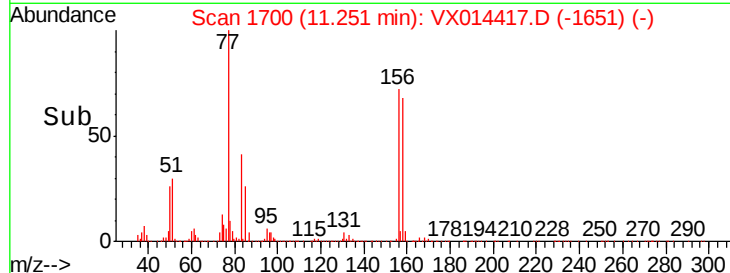
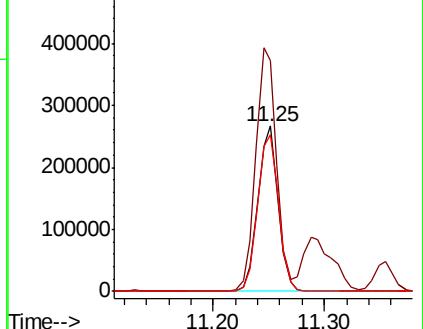
158 98.3 49.3 147.9



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: 54.415 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014417.D

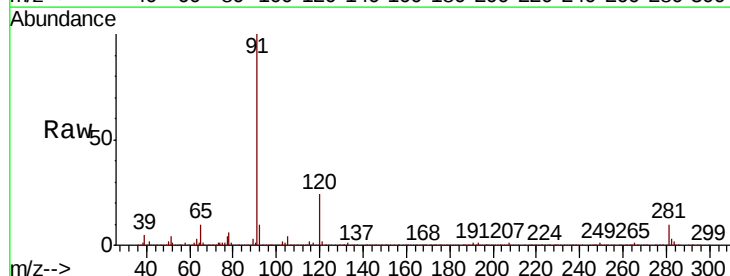
Acq: 06 Jan 2020 10:25

Tgt Ion: 91 Resp: 1506579

Ion Ratio Lower Upper

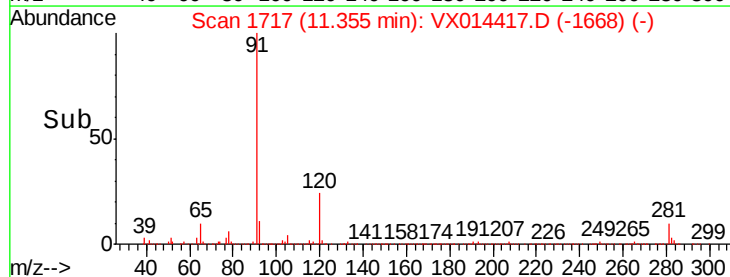
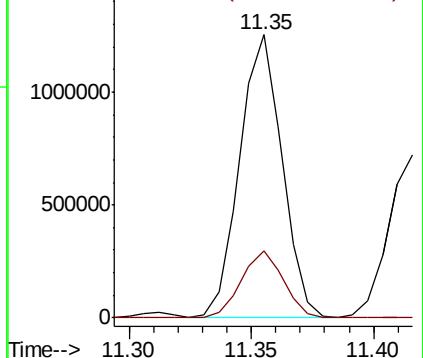
91 100

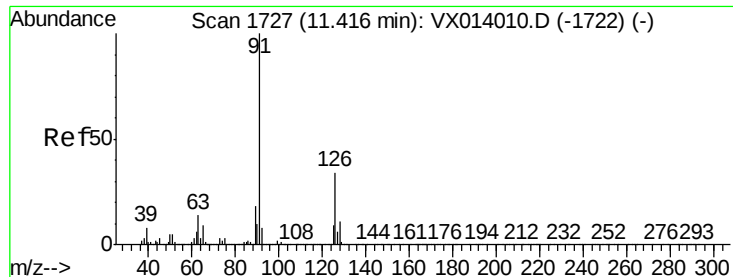
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

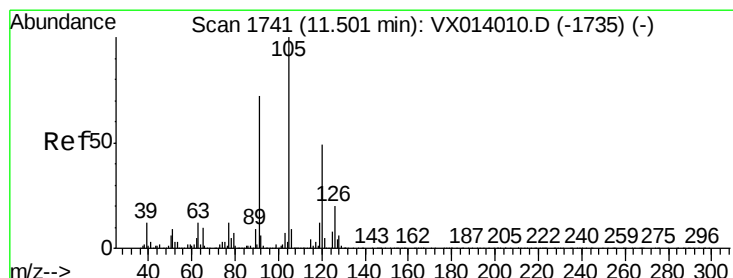
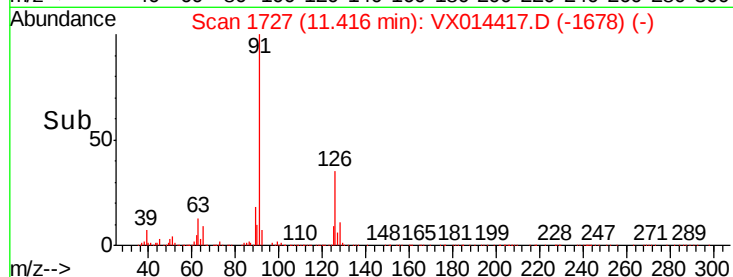
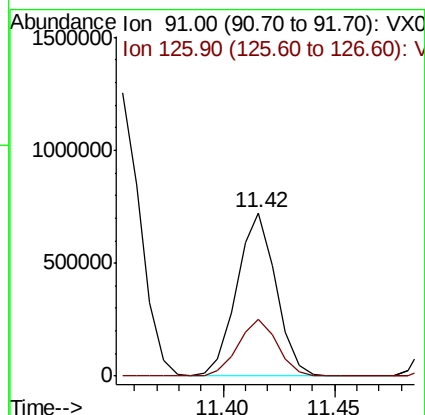
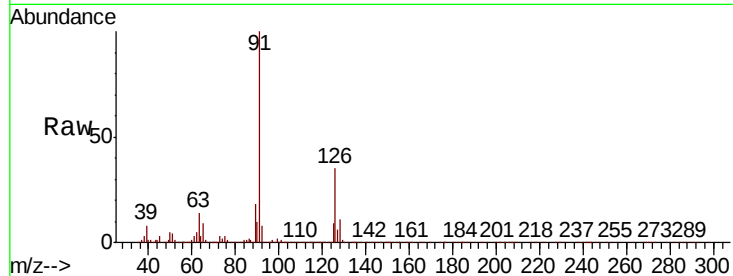




#79
2-Chlorotoluene
Concen: 52.269 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

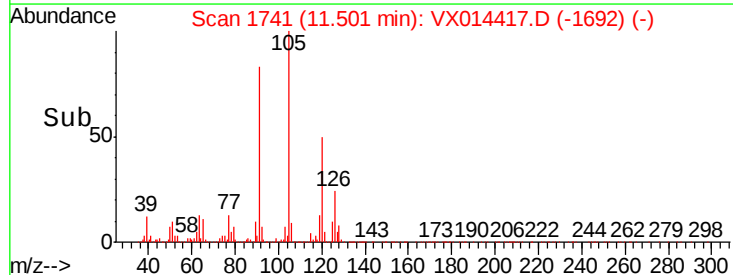
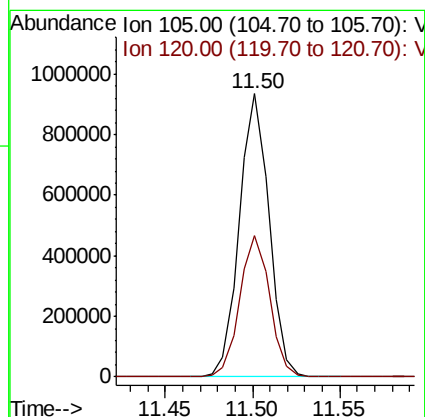
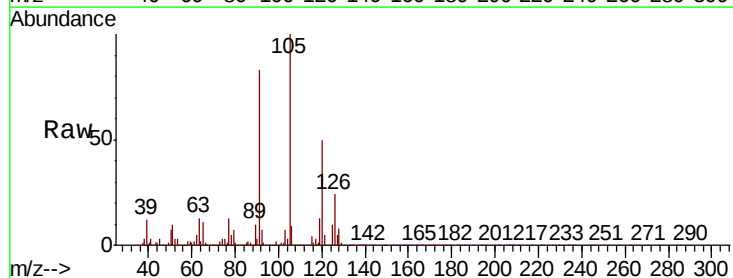
Instrument :
MSVOA_X
ClientSampleId :

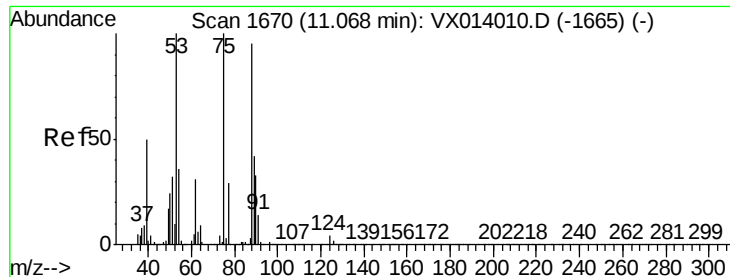
Tot Ion: 91 Resp: 879683
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 52.966 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 105 Resp: 1100292
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.691 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

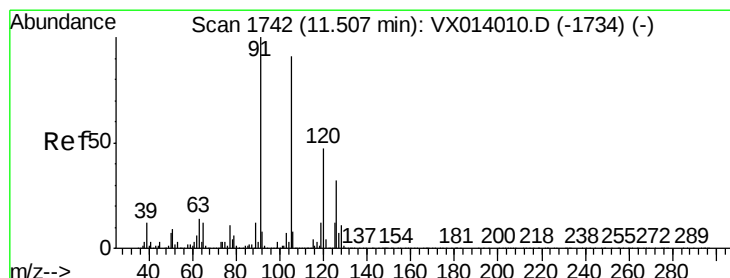
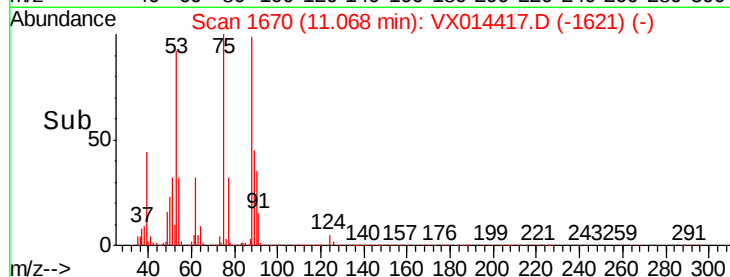
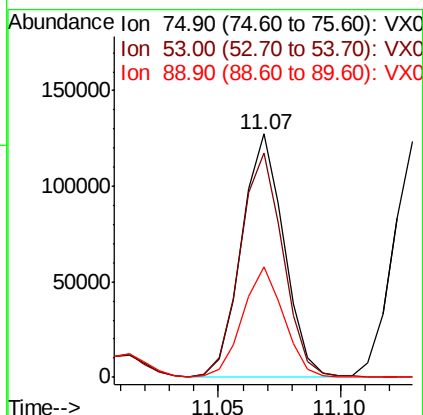
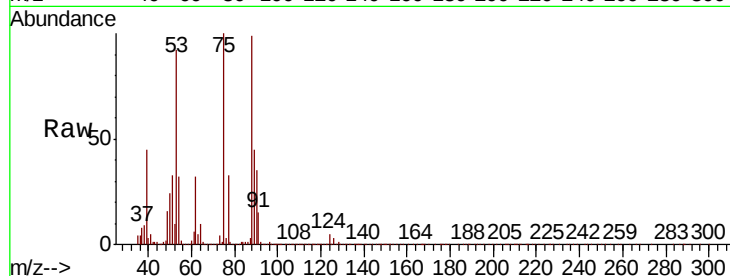
Tot Ion: 75 Resp: 152868

Ion Ratio Lower Upper

75 100

53 93.8 76.7 115.1

89 44.6 34.6 51.8



#82

4-Chlorotoluene

Concen: 52.182 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014417.D

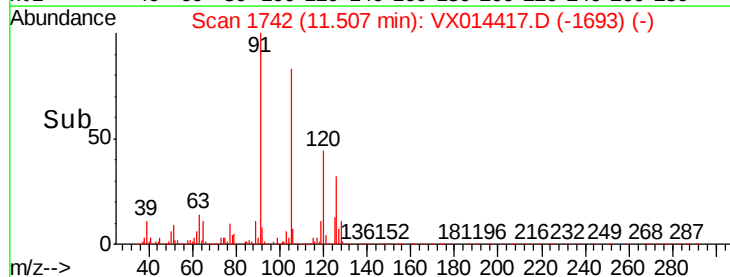
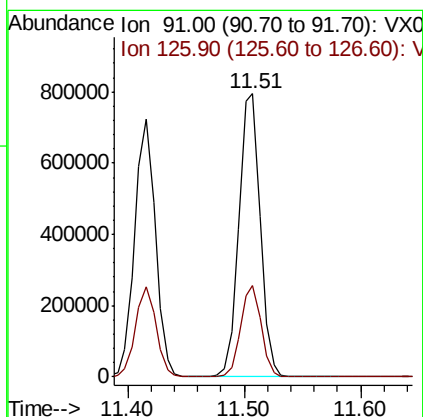
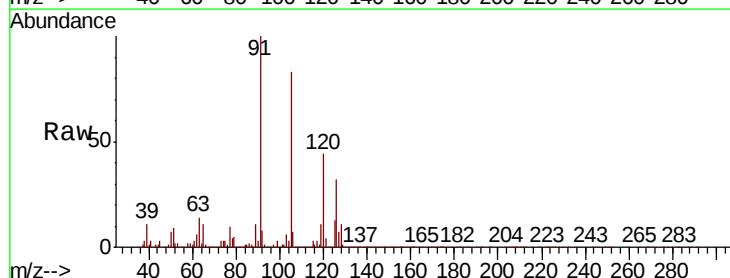
Acq: 06 Jan 2020 10:25

Tgt Ion: 91 Resp: 1018712

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

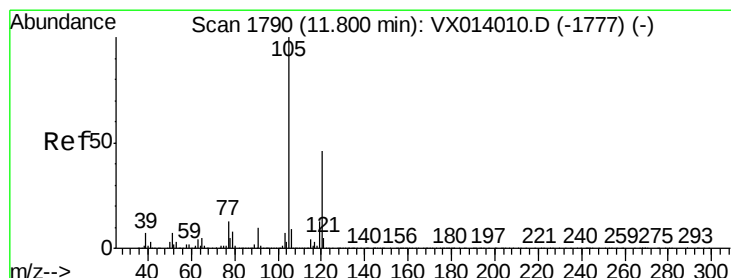
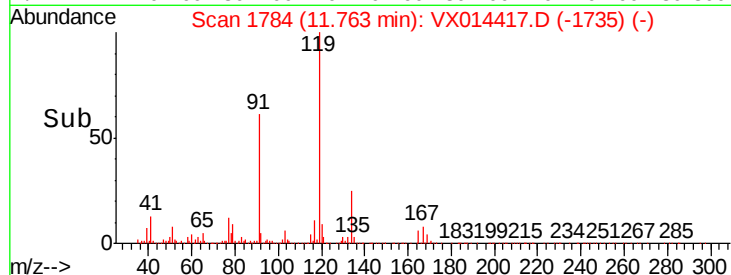
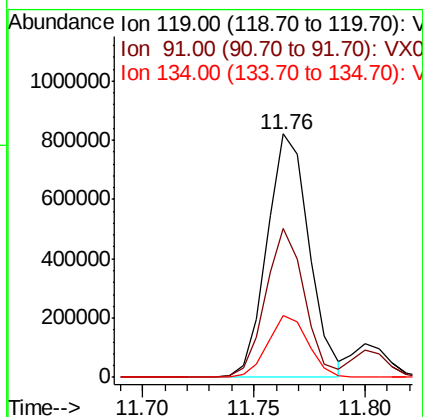
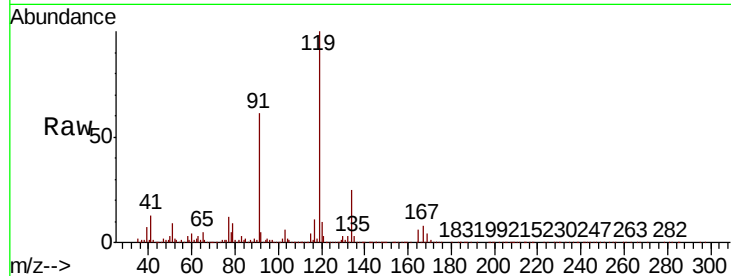




#83
tert-Butylbenzene
Concen: 53.228 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

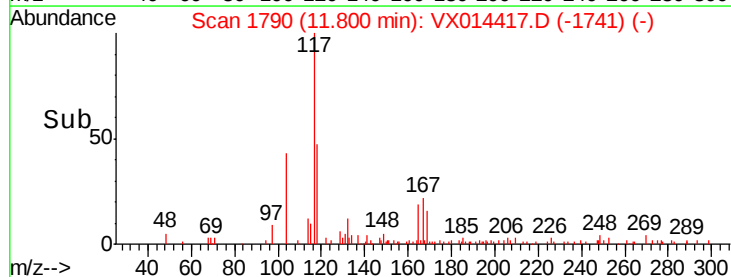
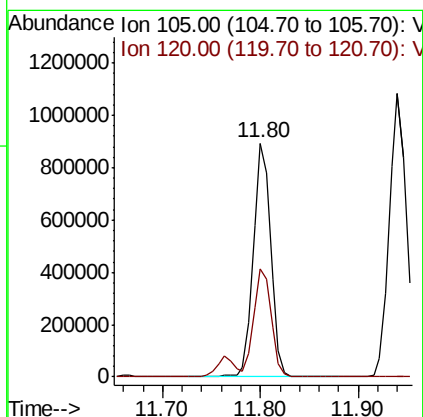
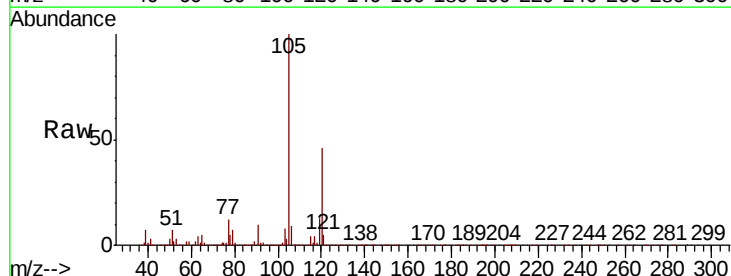
Instrument :
MSVOA_X
ClientSampleId :

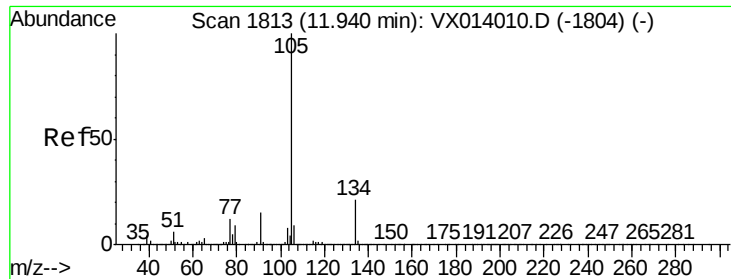
Tot Ion:119 Resp: 1076072
Ion Ratio Lower Upper
119 100
91 56.9 28.5 85.6
134 24.4 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 53.003 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:105 Resp: 1102654
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.994 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

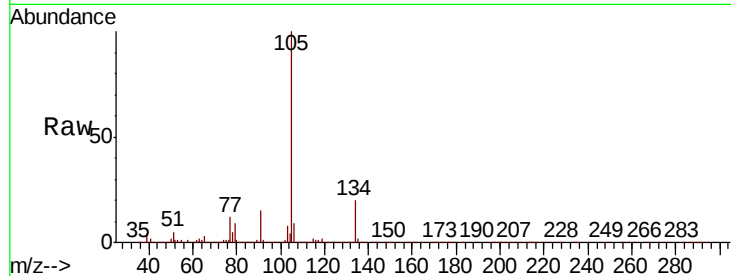
ClientSampleId :

Tot Ion:105 Resp: 1312463

Ion Ratio Lower Upper

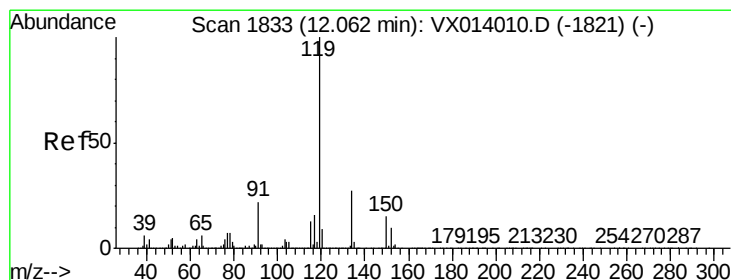
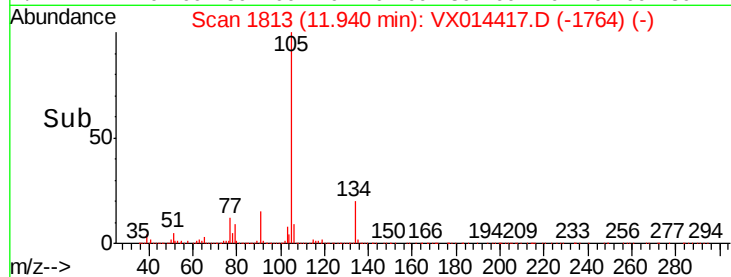
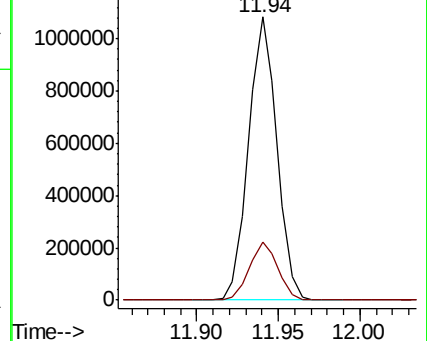
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.126 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

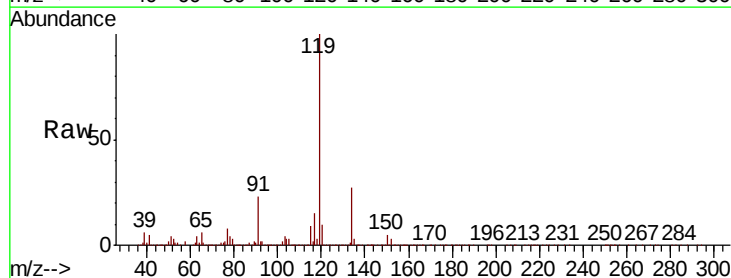
Tgt Ion:119 Resp: 1203443

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

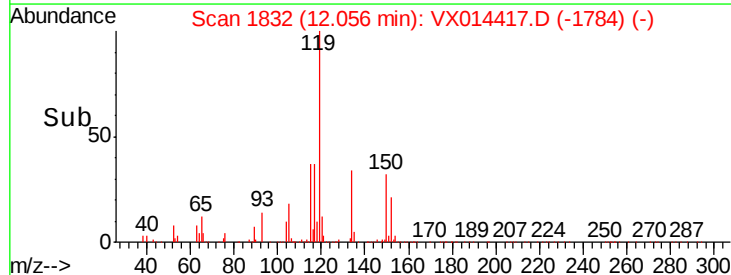
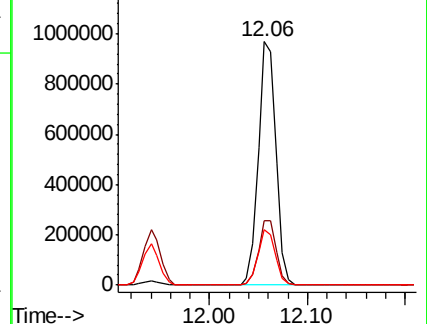
91 22.4 11.4 34.1

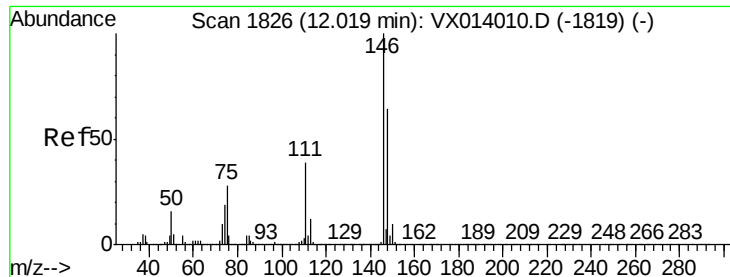


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.684 ug/l

RT: 12.02 min Scan# 1826

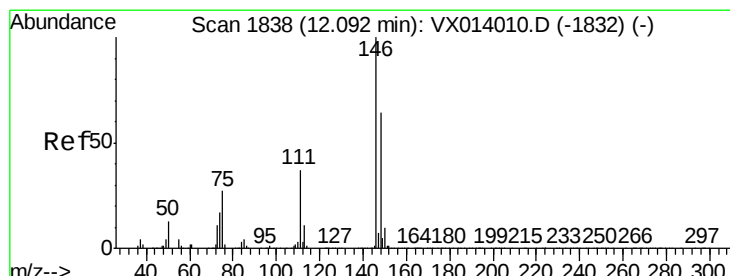
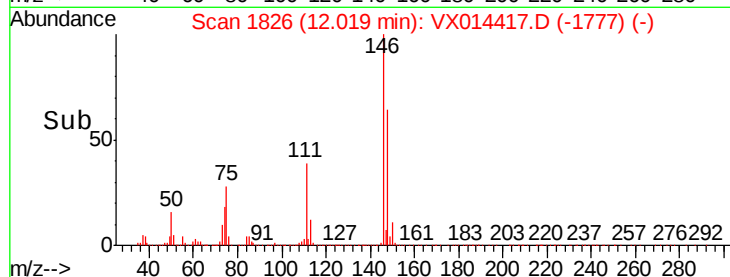
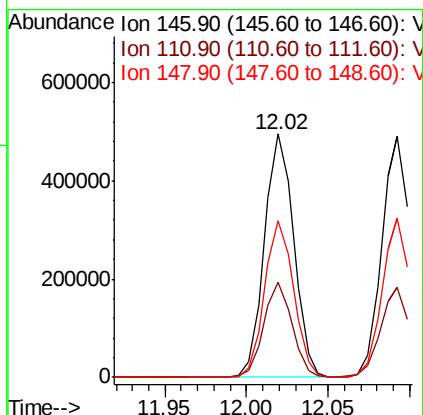
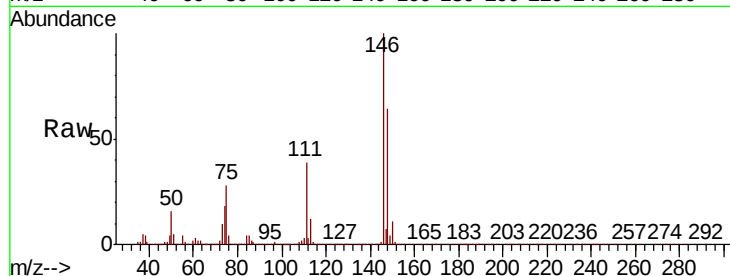
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.7	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 50.325 ug/l

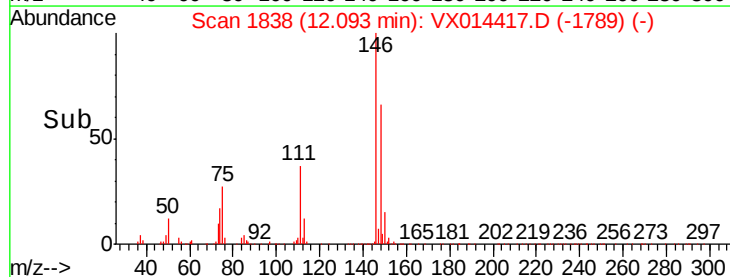
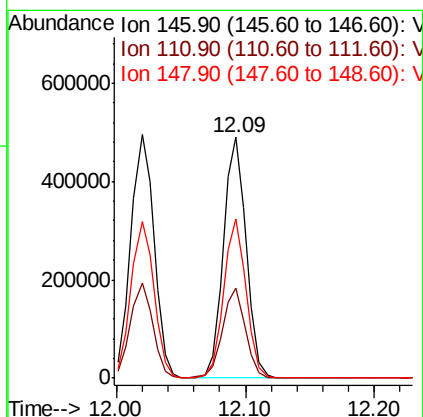
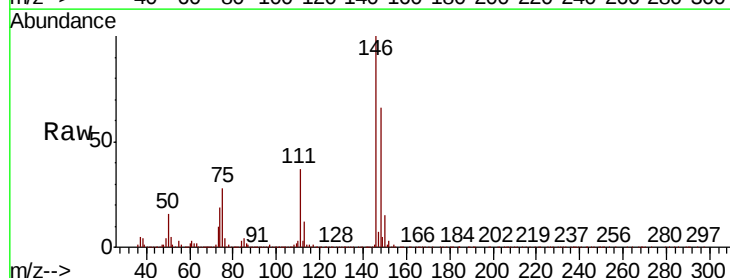
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	65.2	31.9	95.9





#89

n-Butylbenzene

Concen: 56.650 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

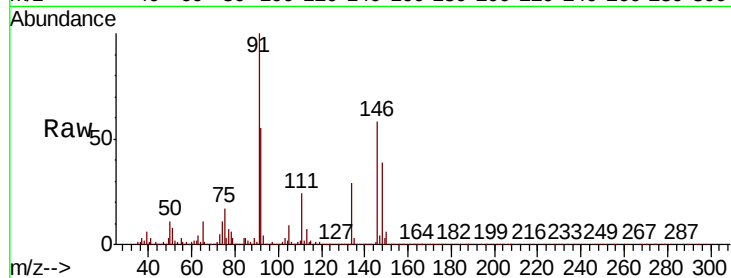
Tot Ion: 91 Resp: 1055256

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.6
134	27.5	13.4	40.1

91 100

92 55.0 27.2 81.6

134 27.5 13.4 40.1

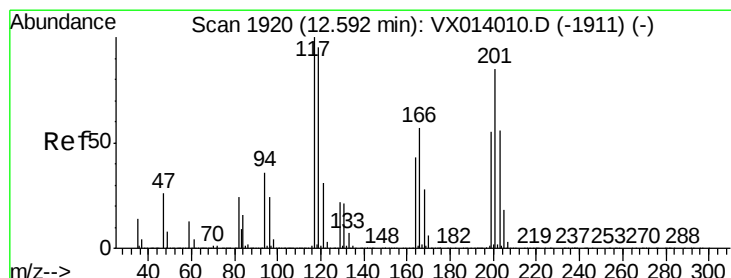
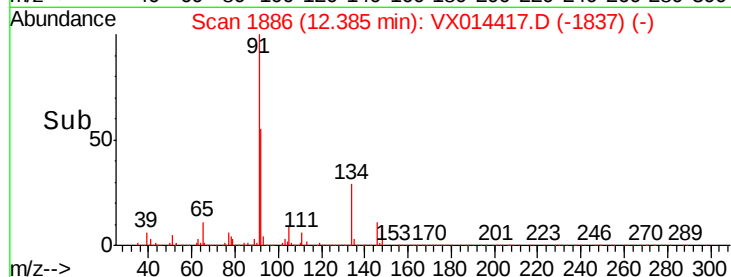
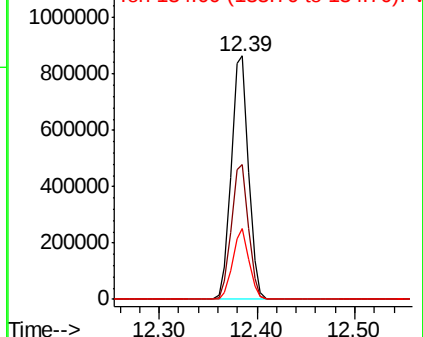


Abundance

Ion 91.00 (90.70 to 91.70): VX014417.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX014417.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX014417.D (-1837) (-)



#90

Hexachloroethane

Concen: 55.874 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014417.D

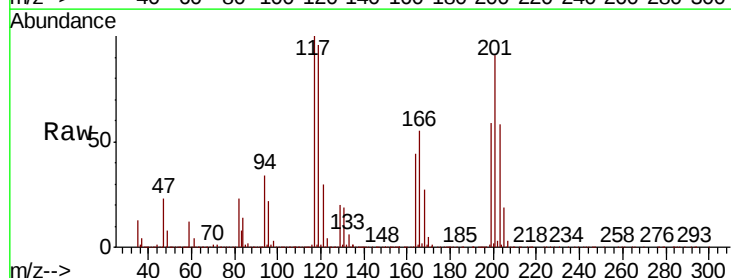
Acq: 06 Jan 2020 10:25

Tgt Ion: 117 Resp: 219090

Ion	Ratio	Lower	Upper
117	100		
201	88.1	43.1	129.3

117 100

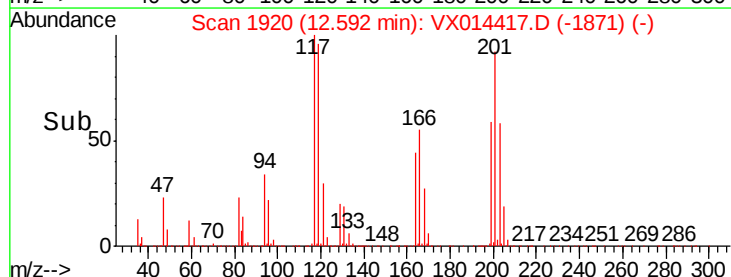
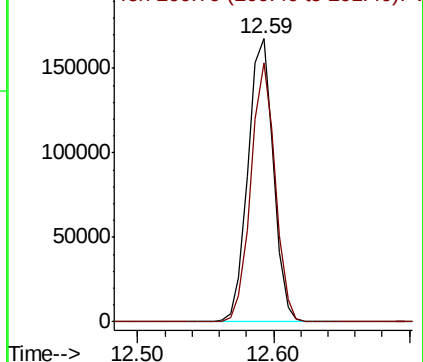
201 88.1 43.1 129.3



Abundance

Ion 116.80 (116.50 to 117.50): VX014417.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX014417.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 50.781 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

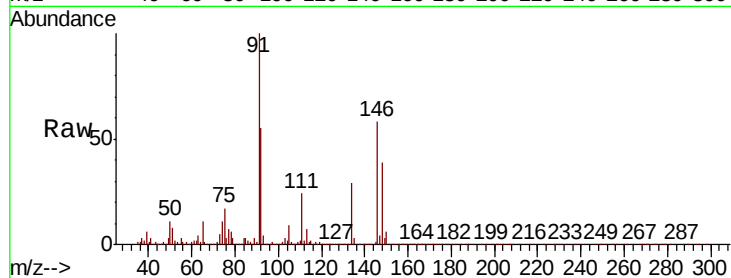
Tot Ion:146 Resp: 608448

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.1

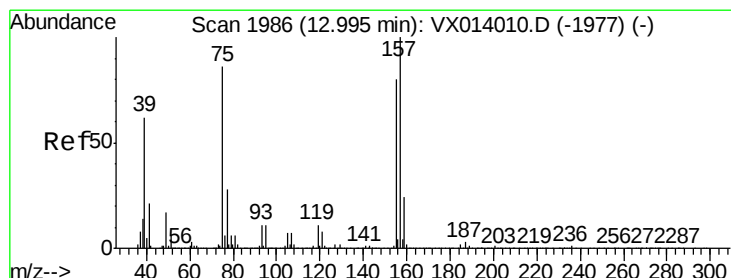
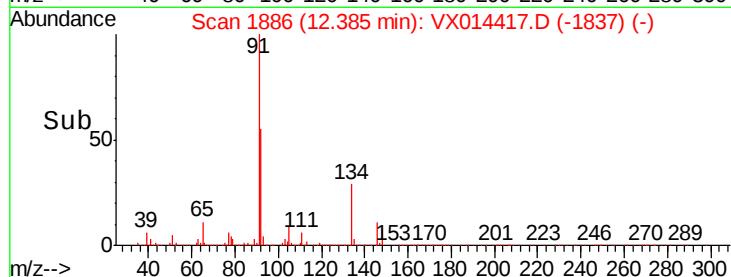
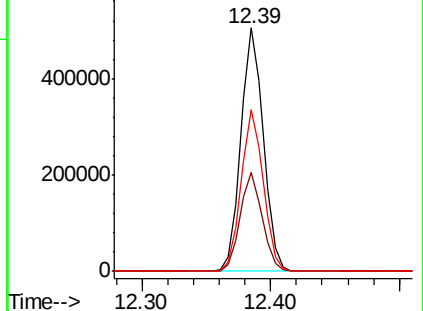
148 65.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.619 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

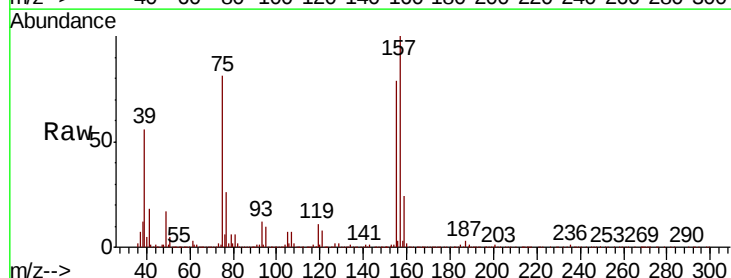
Tgt Ion: 75 Resp: 92071

Ion Ratio Lower Upper

75 100

155 96.7 46.9 140.6

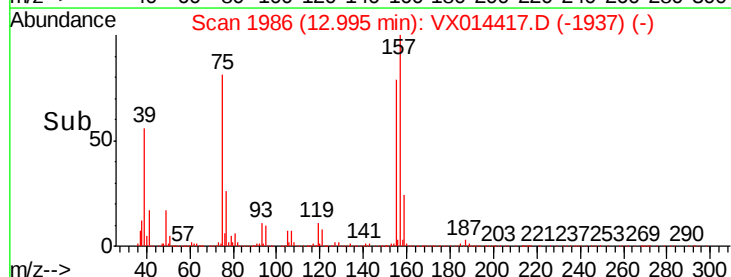
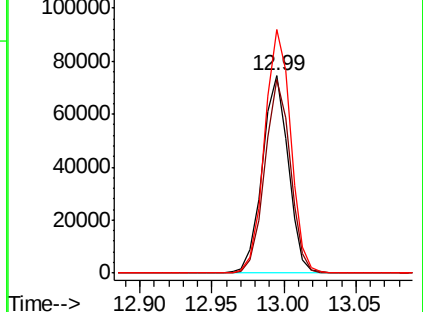
157 124.5 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 54.794 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

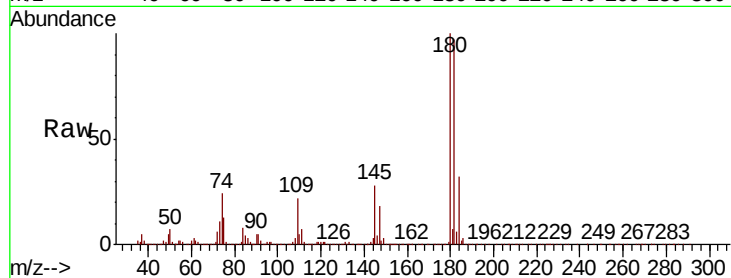
Tot Ion:180 Resp: 426710

Ion Ratio Lower Upper

180 100

182 97.0 46.6 139.8

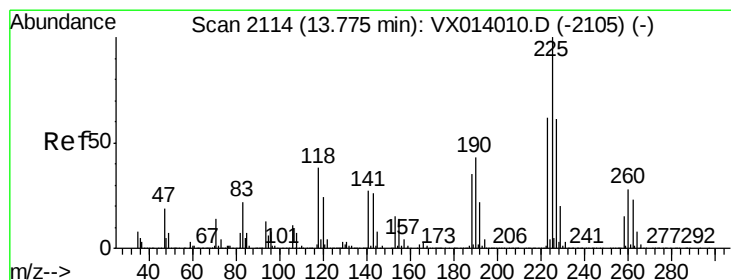
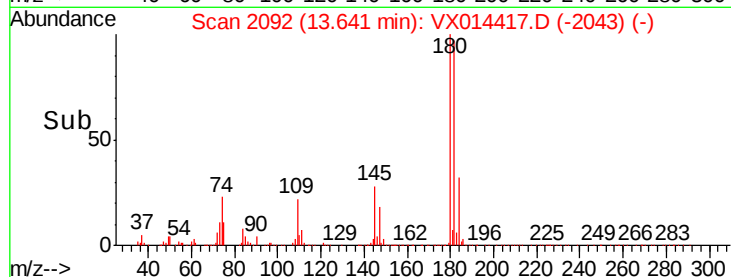
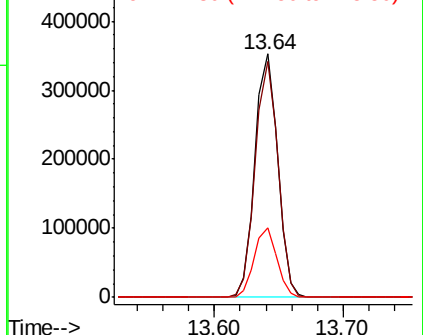
145 28.5 14.2 42.6



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: 58.238 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

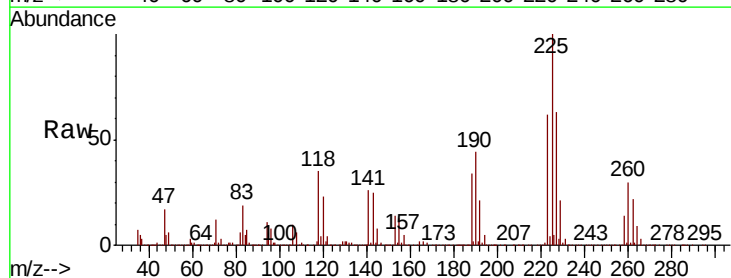
Tgt Ion:225 Resp: 217969

Ion Ratio Lower Upper

225 100

223 62.9 30.9 92.5

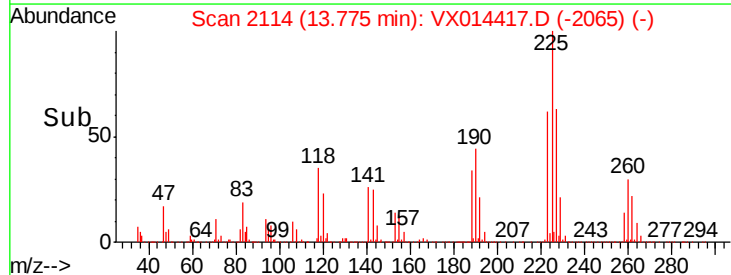
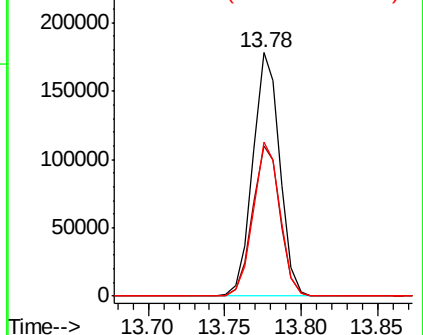
227 62.7 30.9 92.7

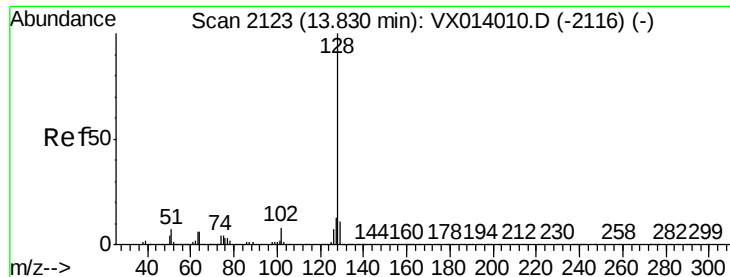


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

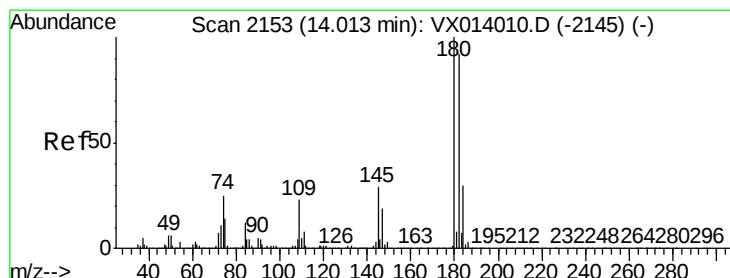
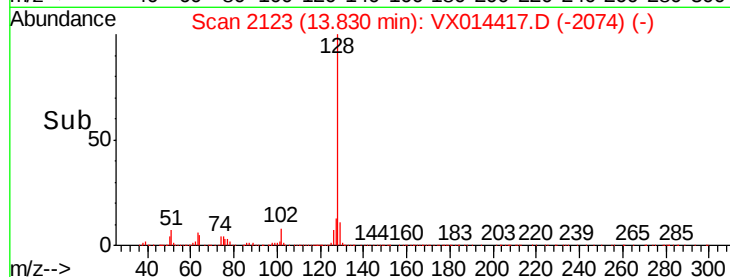
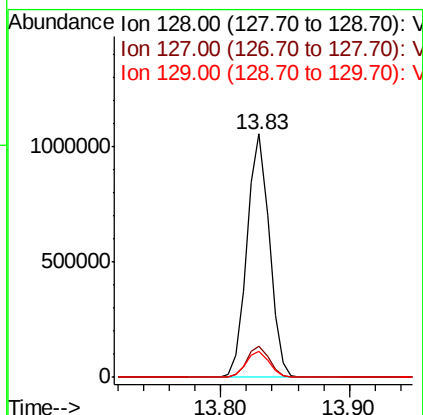
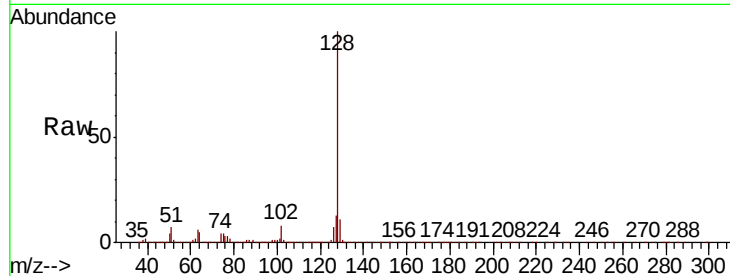




#95
Naphthalene
Concen: 54.979 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1257943
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.180 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:180 Resp: 431881
Ion Ratio Lower Upper
180 100
182 94.5 46.8 140.3
145 30.1 14.8 44.4

