

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014714.D
 Acq On : 27 Jan 2020 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 03:11:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	694649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	637221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321332	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	244372	44.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.16%	
35) Dibromofluoromethane	5.48	113	201034	45.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.72%	
50) Toluene-d8	8.71	98	777521	46.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	11.13	95	272425	45.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	301148	47.820	ug/l	99
3) Chloromethane	1.32	50	301147	47.423	ug/l	99
4) Vinyl Chloride	1.40	62	346622	50.483	ug/l	99
5) Bromomethane	1.63	94	208217	44.646	ug/l	100
6) Chloroethane	1.71	64	188566	47.945	ug/l	97
7) Trichlorofluoromethane	1.92	101	374435	46.835	ug/l	98
8) Diethyl Ether	2.18	74	162099	46.452	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227991	48.578	ug/l	99
10) Methyl Iodide	2.50	142	306391	49.752	ug/l	98
11) Tert butyl alcohol	3.03	59	240154	195.140	ug/l	99
12) 1,1-Dichloroethene	2.36	96	217446	46.599	ug/l	94
13) Acrolein	2.28	56	480188	494.857	ug/l	99
14) Allyl chloride	2.72	41	409568	48.831	ug/l	99
15) Acrylonitrile	3.13	53	648451	227.727	ug/l	100
16) Acetone	2.43	43	830316	276.363	ug/l	99
17) Carbon Disulfide	2.56	76	604532	47.401	ug/l	99
18) Methyl Acetate	2.76	43	395141	46.078	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	732902	47.952	ug/l	98
20) Methylene Chloride	2.84	84	251409	45.225	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	237853	46.294	ug/l	98
22) Diisopropyl ether	3.84	45	822208	49.272	ug/l	95
23) Vinyl Acetate	3.80	43	3204312	251.901	ug/l	99
24) 1,1-Dichloroethane	3.69	63	434838	47.983	ug/l	99
25) 2-Butanone	4.65	43	1052259	244.463	ug/l	97
26) 2,2-Dichloropropane	4.57	77	358136	49.373	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	267527	46.524	ug/l	99
28) Bromochloromethane	5.00	49	180968	45.443	ug/l	100
29) Tetrahydrofuran	5.11	42	580491	227.223	ug/l	99
30) Chloroform	5.19	83	427161	47.582	ug/l	97
31) Cyclohexane	5.57	56	411416	48.268	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	361049	47.580	ug/l	99
36) 1,1-Dichloropropene	5.79	75	324291	50.241	ug/l	99
37) Ethyl Acetate	4.81	43	355769	48.124	ug/l	99
38) Carbon Tetrachloride	5.78	117	312097	50.628	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	415192	51.346	ug/l	96
40) Benzene	6.13	78	984154	49.347	ug/l	98
41) Methacrylonitrile	5.03	41	202167	47.923	ug/l	98
42) 1,2-Dichloroethane	6.18	62	343966	49.944	ug/l	99
43) Isopropyl Acetate	6.43	43	575197	47.514	ug/l	99
44) Trichloroethene	7.20	130	271905	48.267	ug/l	93
45) 1,2-Dichloropropane	7.50	63	260604	50.722	ug/l	99
46) Dibromomethane	7.65	93	166271	49.967	ug/l	99
47) Bromodichloromethane	7.89	83	333377	51.080	ug/l	98
48) Methyl methacrylate	7.76	41	289570	50.062	ug/l	99
49) 1,4-Dioxane	7.73	88	106084	865.209	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1825272	238.888	ug/l	99
52) Toluene	8.78	92	625025	50.983	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	373674	53.173	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	413858	53.533	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	250036	49.815	ug/l	99
56) Ethyl methacrylate	9.17	69	394690	46.512	ug/l	100
57) 1,3-Dichloropropane	9.36	76	423664	49.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	663042	262.670	ug/l	99
59) 2-Hexanone	9.48	43	1484134	250.315	ug/l	99
60) Dibromochloromethane	9.57	129	270020	51.540	ug/l	100
61) 1,2-Dibromoethane	9.67	107	259479	48.895	ug/l	100
64) Tetrachloroethene	9.33	164	288782	45.783	ug/l	96
65) Chlorobenzene	10.14	112	667074	48.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	251664	50.079	ug/l	99
67) Ethyl Benzene	10.25	91	1184500	50.896	ug/l	99
68) m/p-Xylenes	10.35	106	914669	103.742	ug/l	100
69) o-Xylene	10.70	106	438020	51.461	ug/l	98
70) Styrene	10.71	104	765308	53.600	ug/l	100
71) Bromoform	10.85	173	207171	51.839	ug/l #	100
73) Isopropylbenzene	11.01	105	1160575	51.367	ug/l	100
74) N-amyl acetate	10.89	43	507573	51.265	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	373434	46.291	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	444702	59.484	ug/l	89
77) Bromobenzene	11.25	156	300438	49.497	ug/l	100
78) n-propylbenzene	11.35	91	1347440	52.539	ug/l	100
79) 2-Chlorotoluene	11.42	91	787503	50.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	990177	52.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133010	50.631	ug/l	98
82) 4-Chlorotoluene	11.51	91	920525	52.107	ug/l	100
83) tert-Butylbenzene	11.76	119	912945	51.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	987520	52.502	ug/l	99
85) sec-Butylbenzene	11.94	105	1151833	53.358	ug/l	100
86) p-Isopropyltoluene	12.06	119	1067866	53.529	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	540647	49.562	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	544206	49.804	ug/l	100
89) n-Butylbenzene	12.38	91	947061	54.507	ug/l	100
90) Hexachloroethane	12.59	117	191406	51.655	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	538784	49.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78981	45.569	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

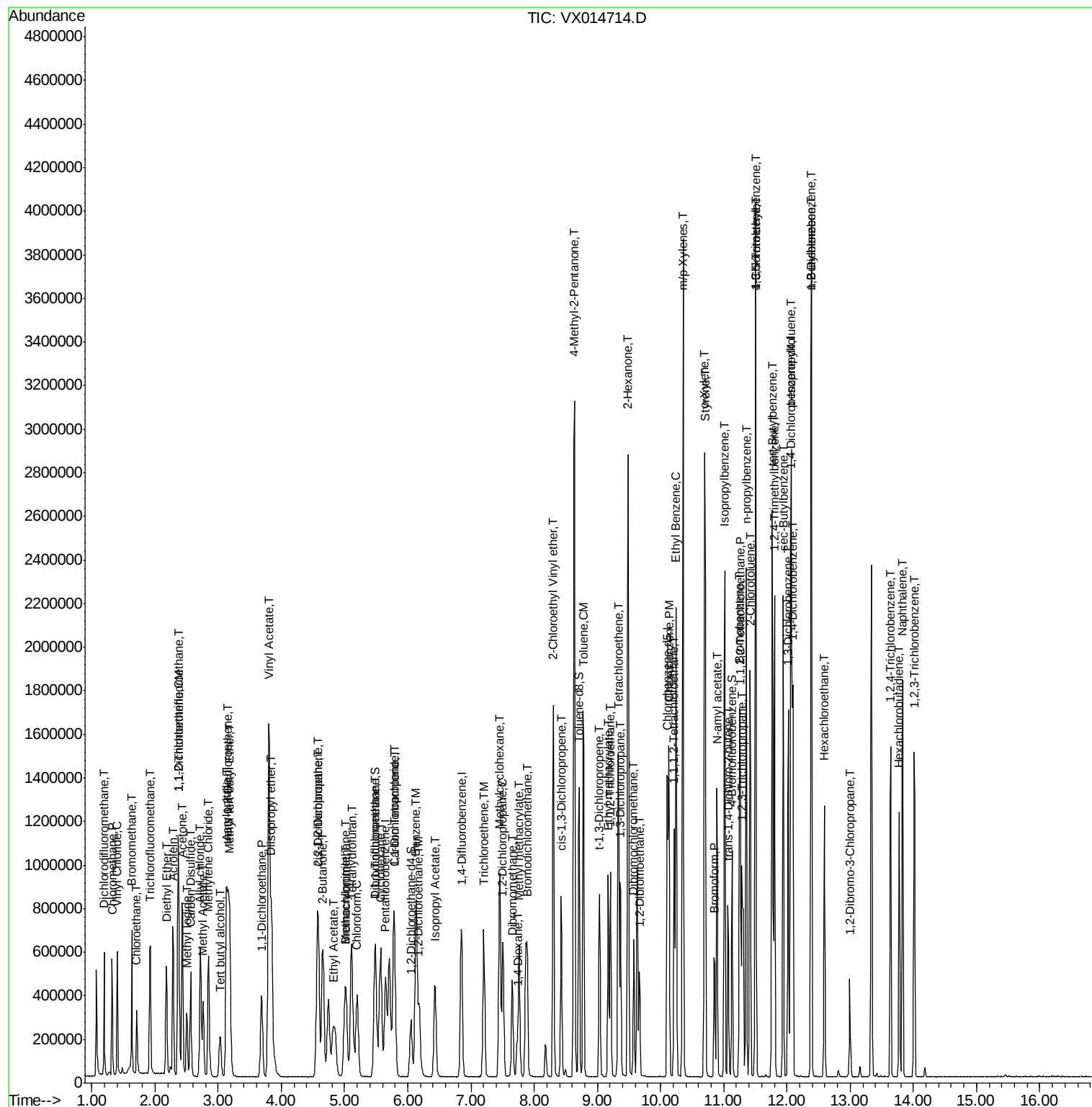
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373428	53.461	ug/l	98
94) Hexachlorobutadiene	13.77	225	184106	51.210	ug/l	97
95) Naphthalene	13.83	128	1082468	48.093	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	378281	53.559	ug/l	99

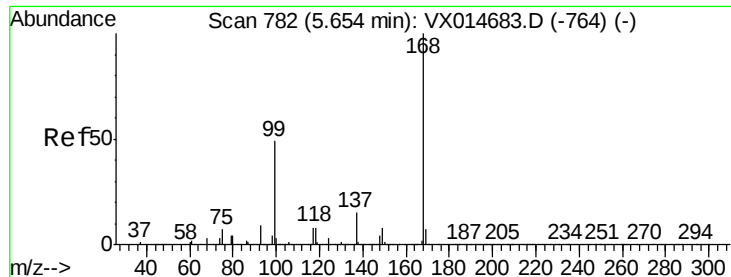
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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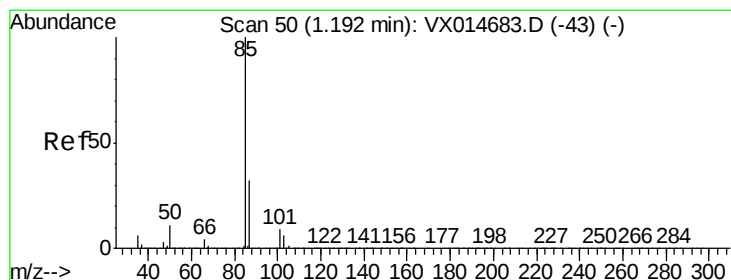
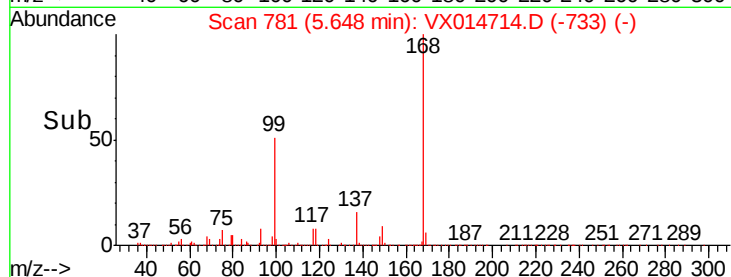
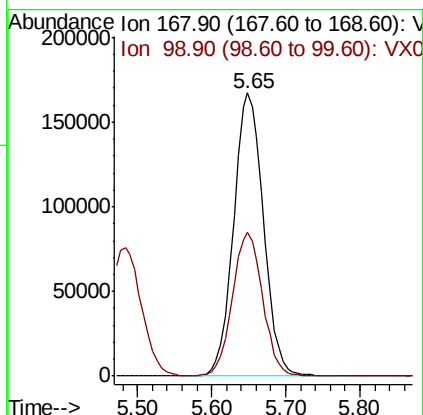
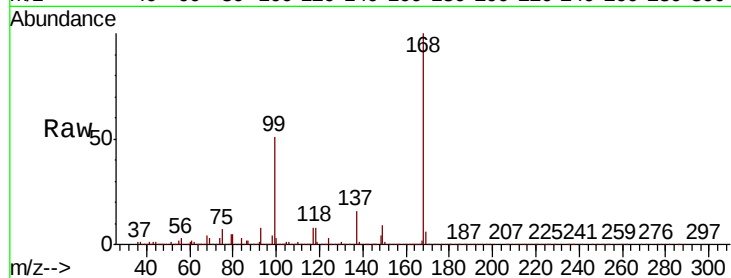


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

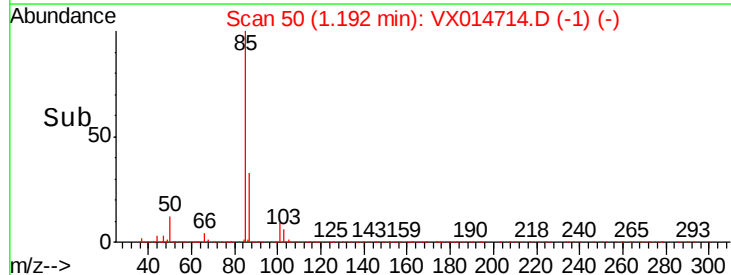
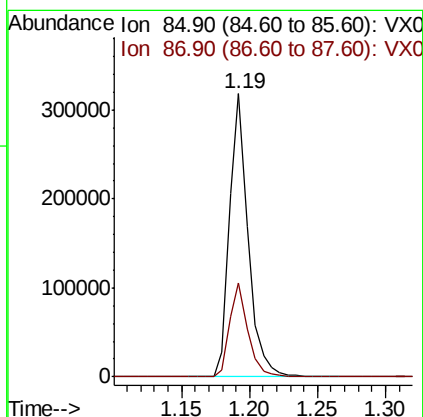
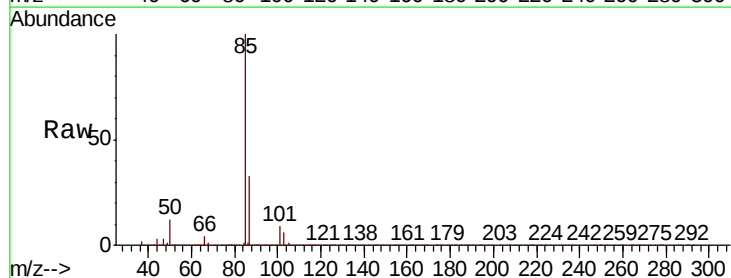
Tot Ion:168 Resp: 469408
 Ion Ratio Lower Upper
 168 100
 99 50.9 39.8 59.6

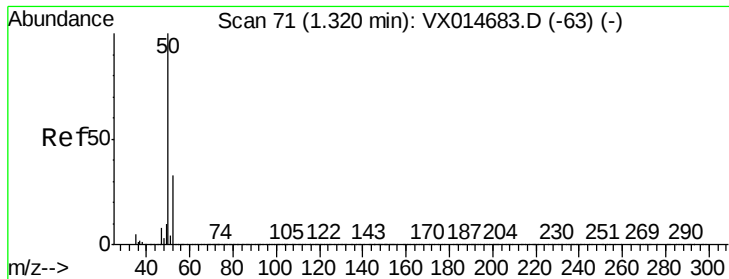


#2

Dichlorodifluoromethane
 Concen: 47.820 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion: 85 Resp: 301148
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.2 48.5





#3

Chloromethane

Concen: 47.423 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

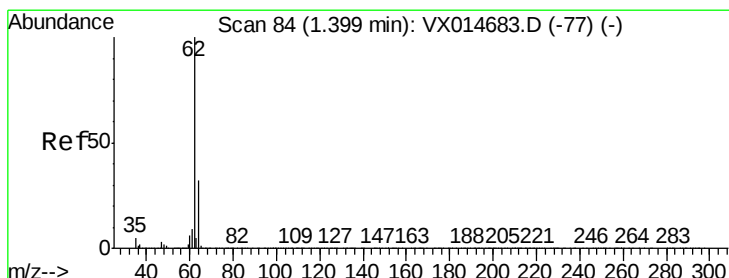
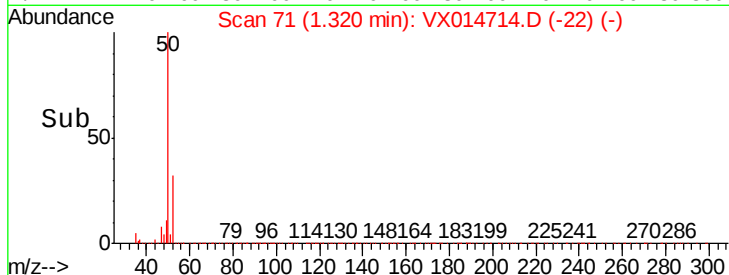
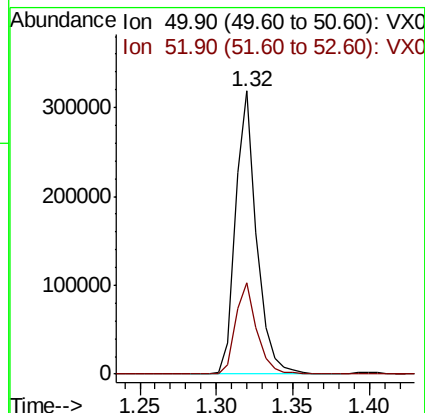
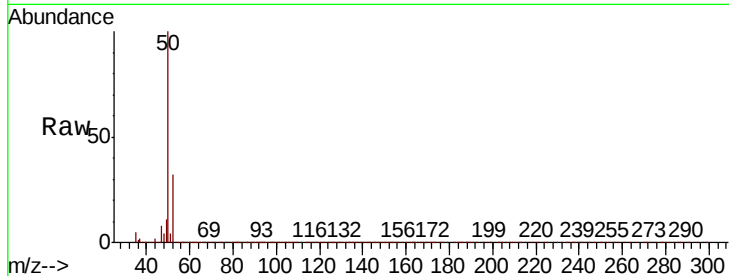
ClientSampleId :

Tot Ion: 50 Resp: 301147

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 50.483 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014714.D

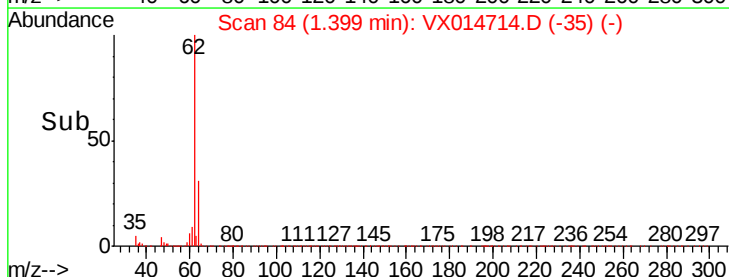
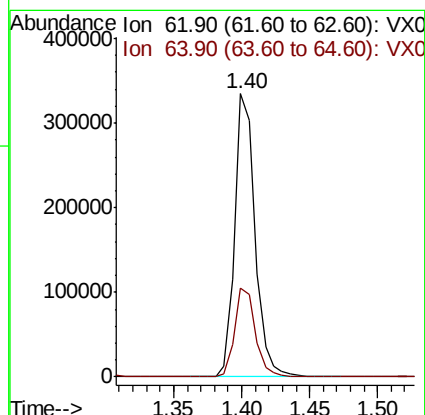
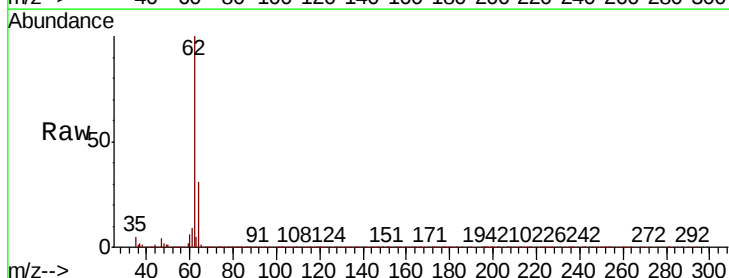
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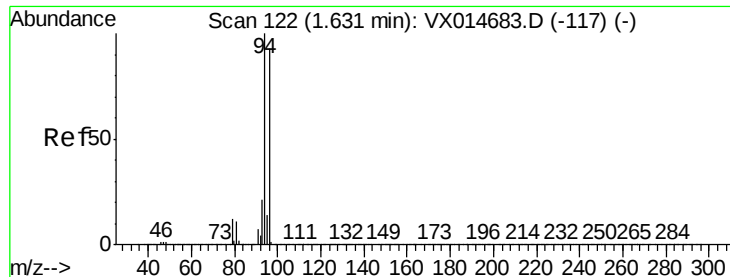
Tgt Ion: 62 Resp: 346622

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 44.646 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

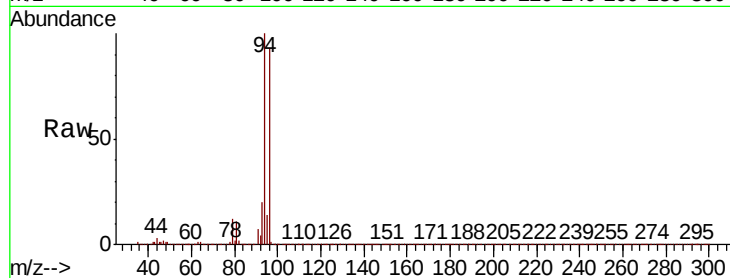
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 208217

Ion Ratio Lower Upper

94 100

96 93.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

250000

200000

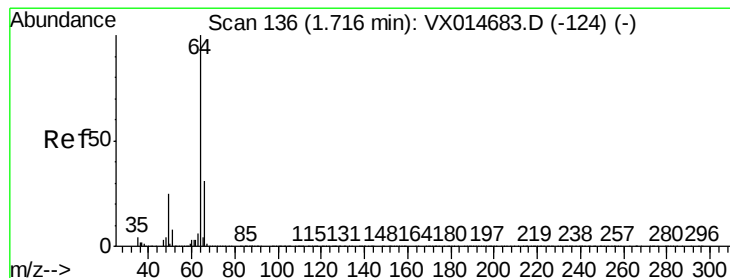
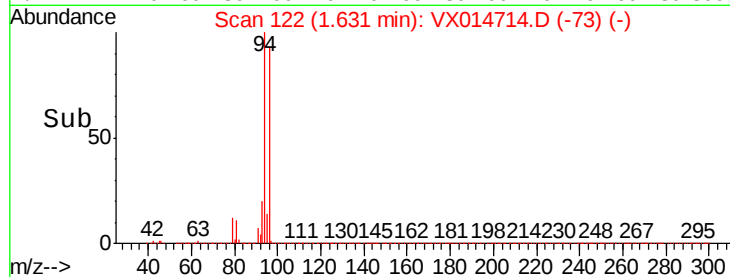
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.945 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014714.D

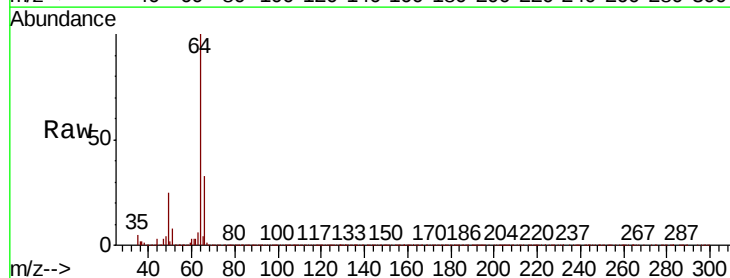
Acq: 27 Jan 2020 09:47

Tgt Ion: 64 Resp: 188566

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

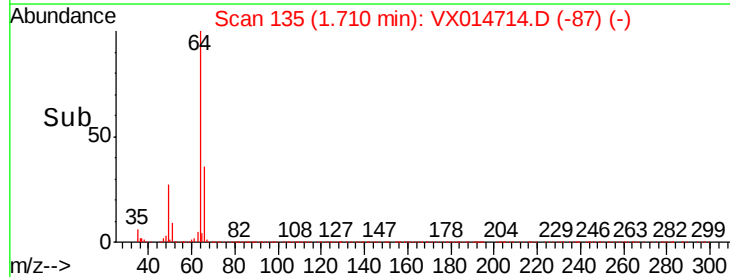
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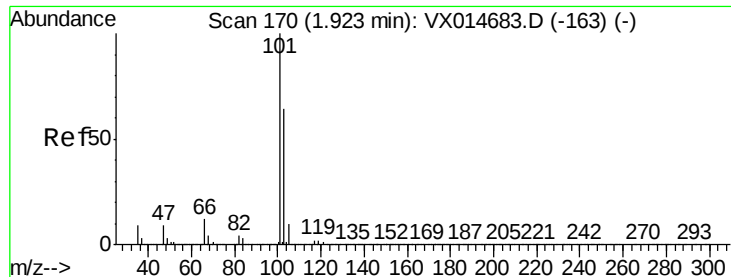
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Time-->



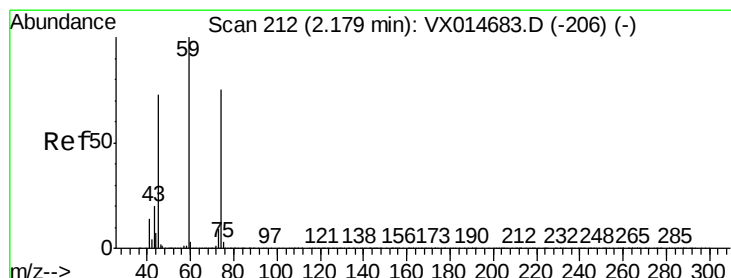
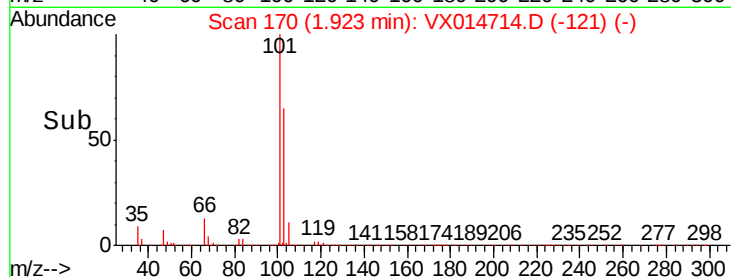
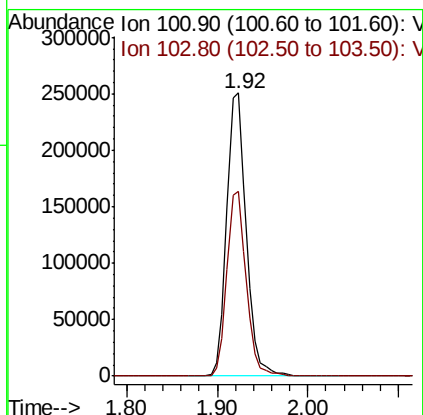
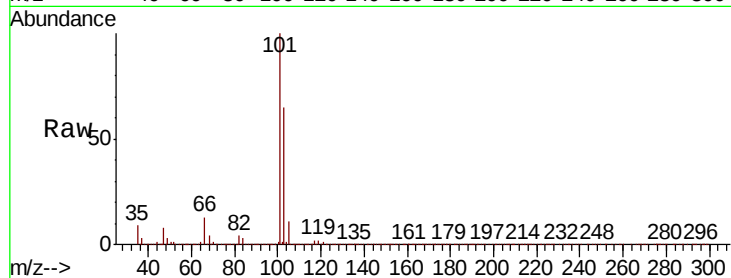


#7

Trichlorofluoromethane
Concen: 46.835 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampled :

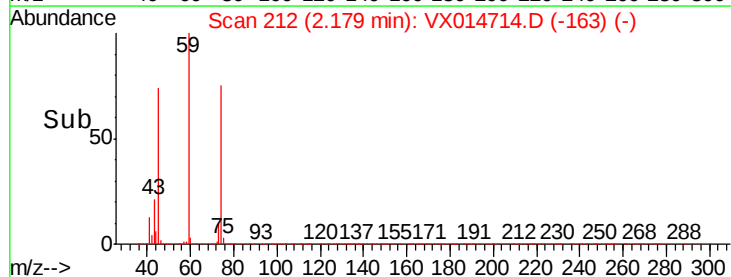
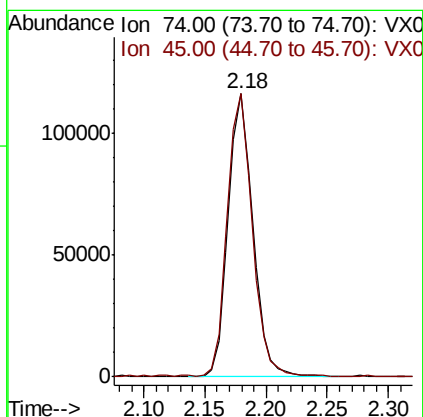
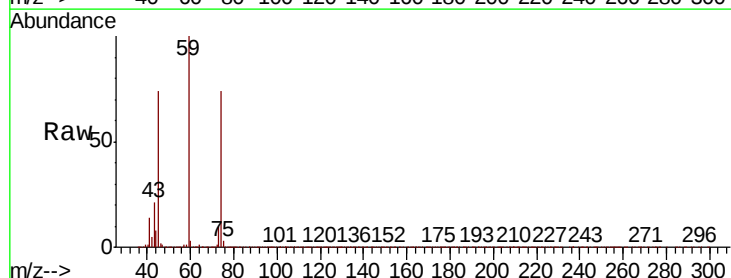
Tot Ion:101 Resp: 374435
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

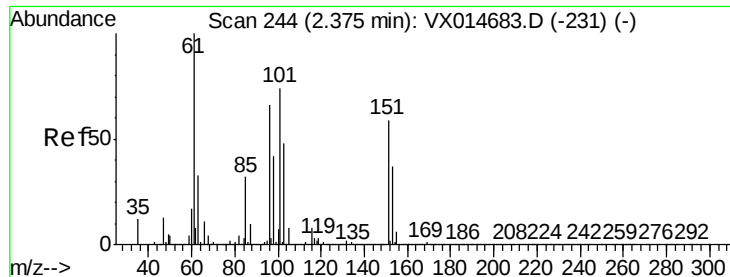


#8

Diethyl Ether
Concen: 46.452 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 74 Resp: 162099
Ion Ratio Lower Upper
74 100
45 101.0 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.578 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

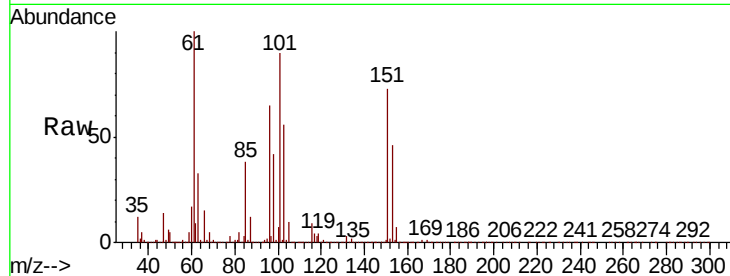
Tot Ion:101 Resp: 227991

Ion Ratio Lower Upper

101 100

85 42.4 34.7 52.1

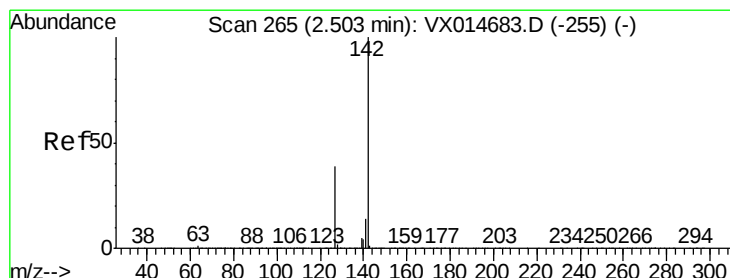
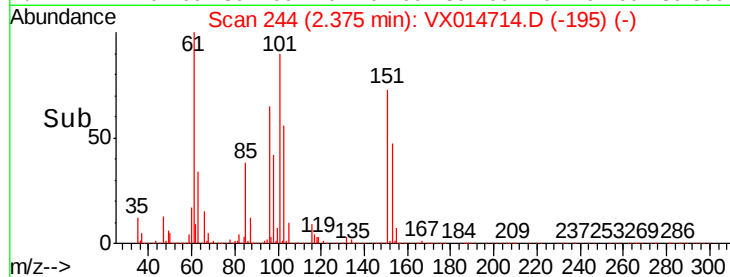
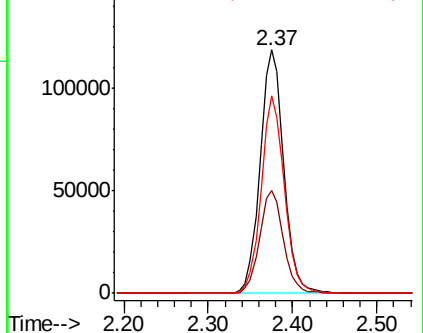
151 80.2 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.752 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

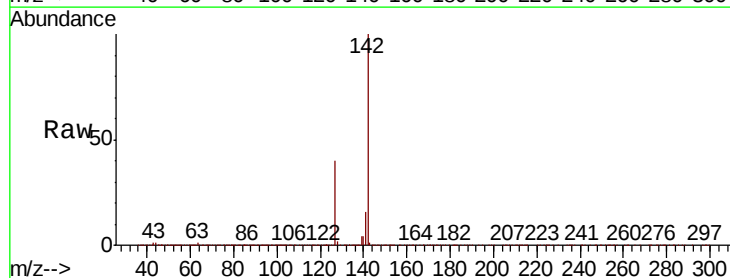
Tgt Ion:142 Resp: 306391

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

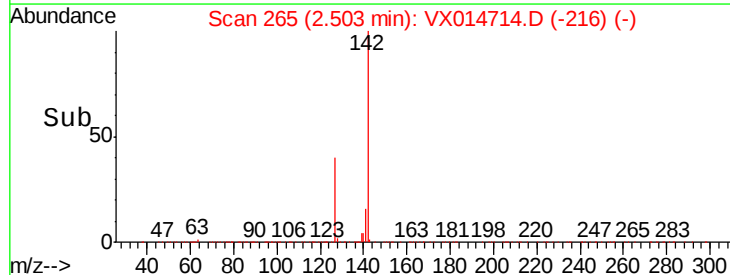
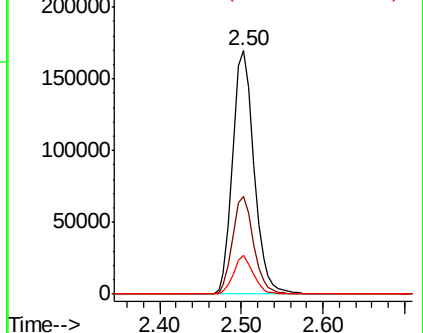
141 15.0 11.3 16.9

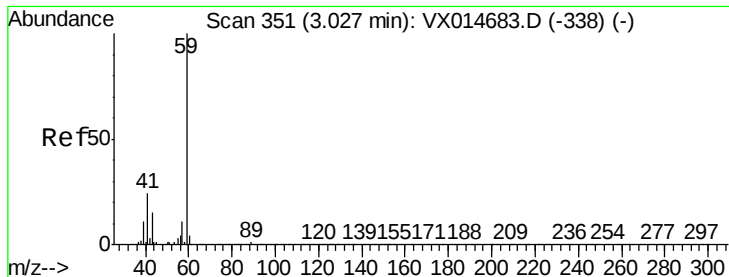


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



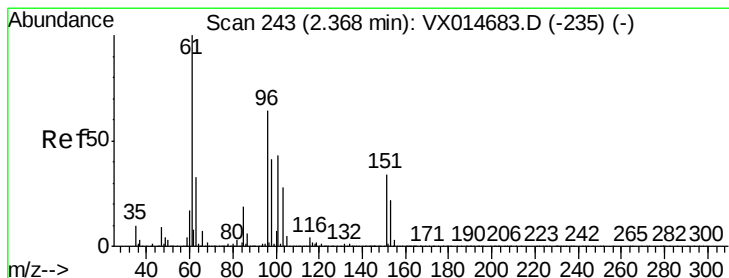
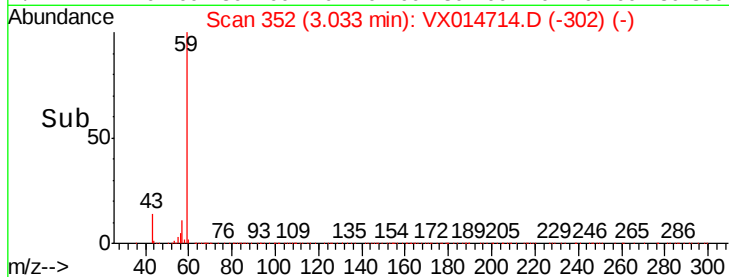
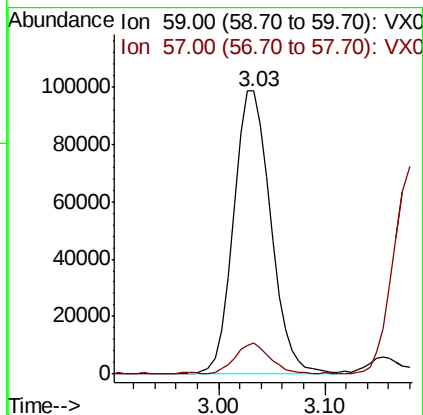
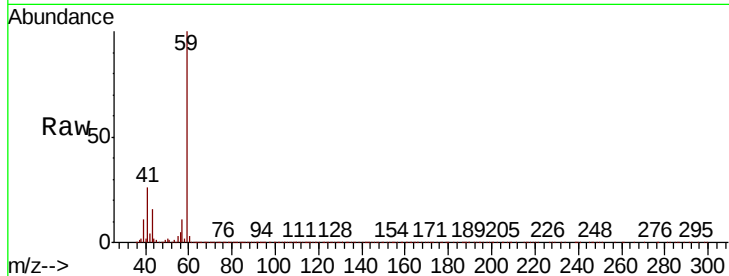


#11

Tert butyl alcohol
 Concen: 195.140 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampled :

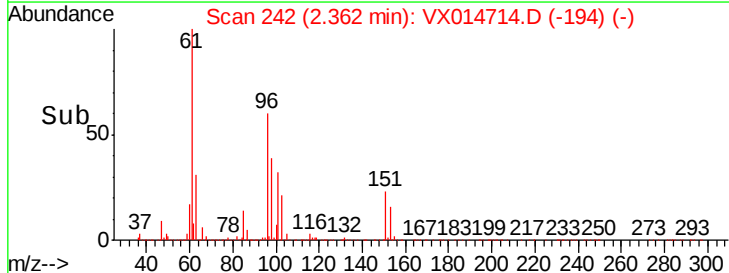
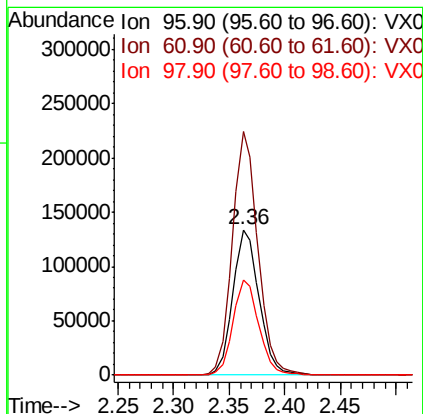
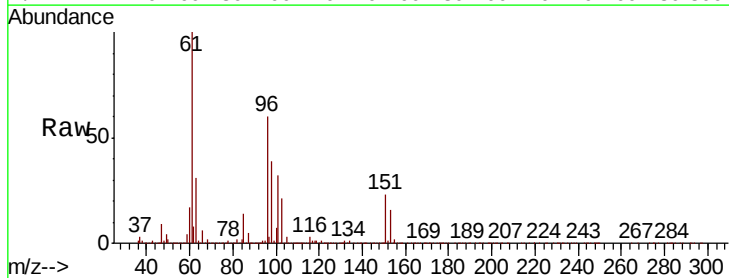
Tot Ion: 59 Resp: 240154
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

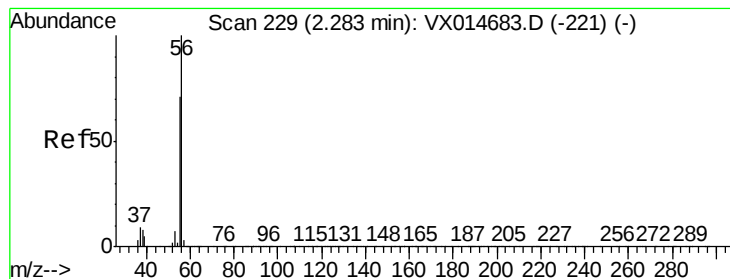


#12

1,1-Dichloroethene
 Concen: 46.599 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion: 96 Resp: 217446
 Ion Ratio Lower Upper
 96 100
 61 167.7 125.8 188.8
 98 65.5 51.5 77.3





#13

Acrolein

Concen: 494.857 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

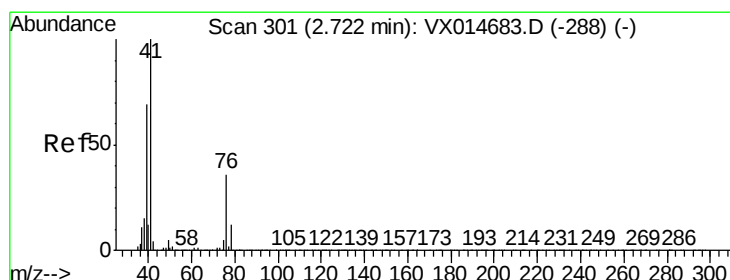
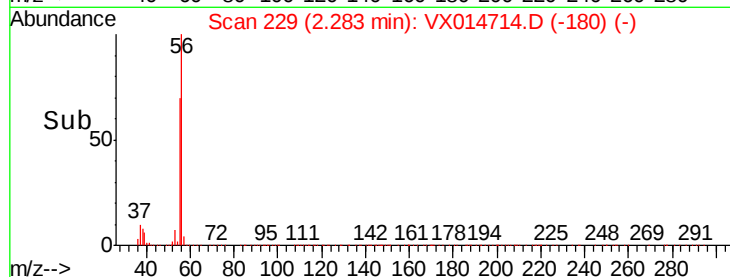
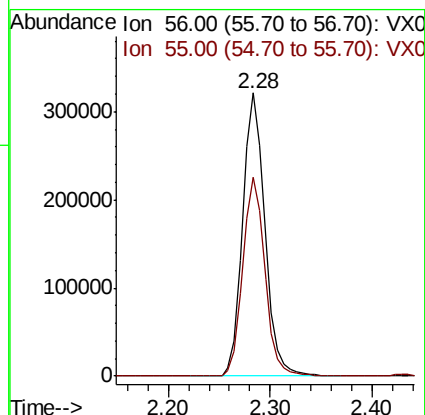
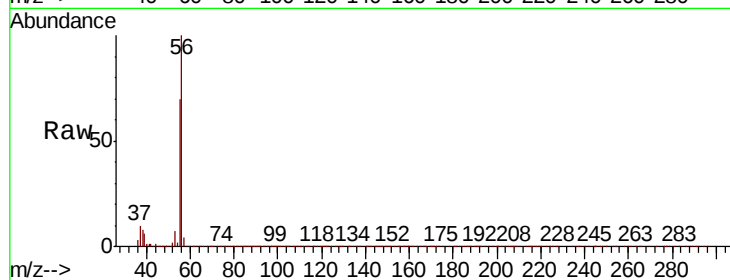
ClientSampleId :

Tot Ion: 56 Resp: 480188

Ion Ratio Lower Upper

56 100

55 69.9 56.6 84.8



#14

Allyl chloride

Concen: 48.831 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

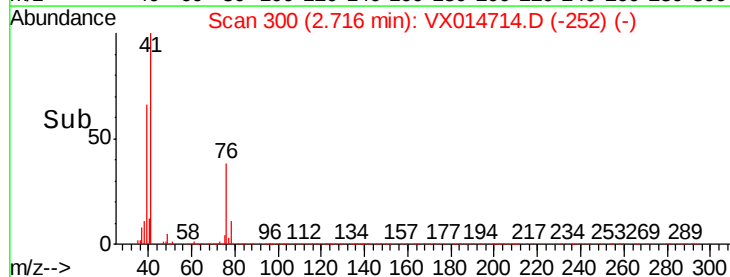
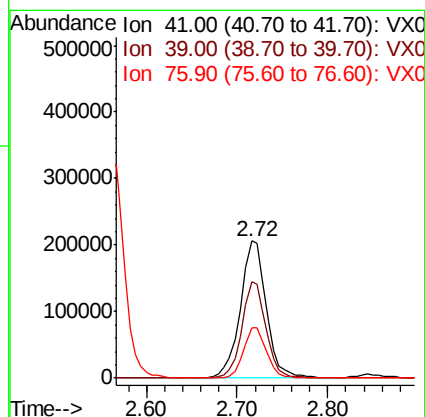
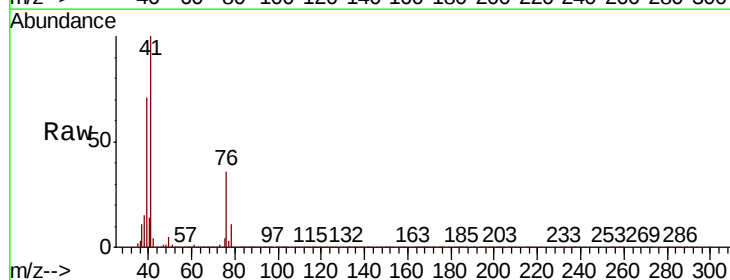
Tgt Ion: 41 Resp: 409568

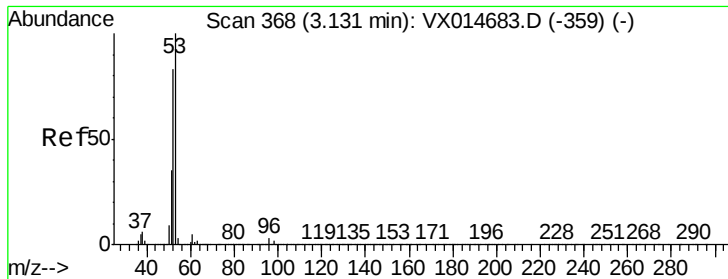
Ion Ratio Lower Upper

41 100

39 64.3 52.0 78.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 227.727 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

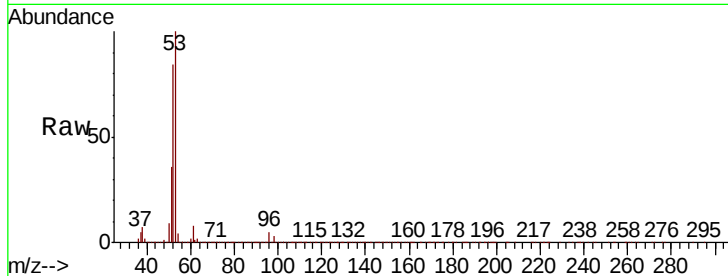
Tot Ion: 53 Resp: 648451

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

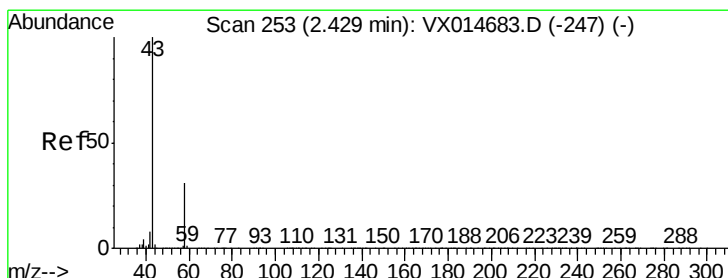
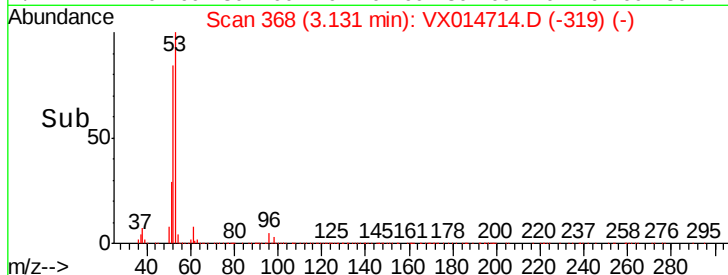
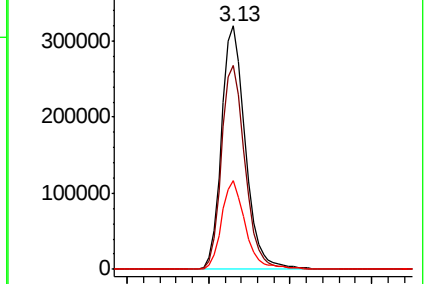
51 36.0 28.7 43.1



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: 276.363 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014714.D

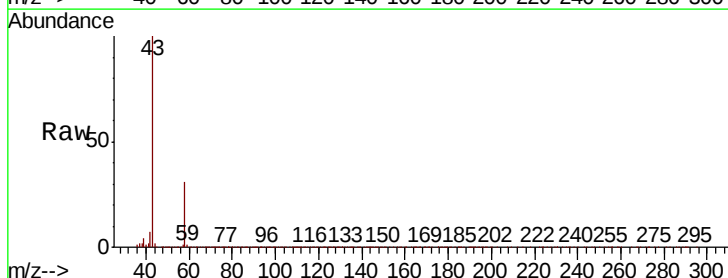
Acq: 27 Jan 2020 09:47

Tgt Ion: 43 Resp: 830316

Ion Ratio Lower Upper

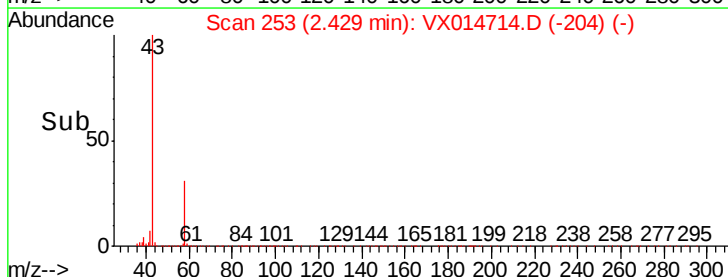
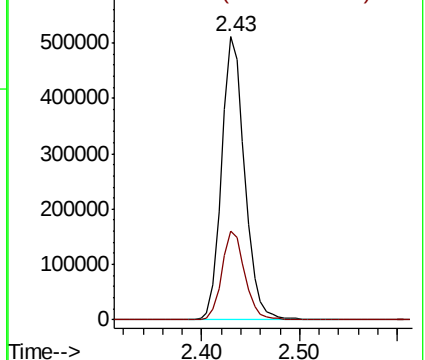
43 100

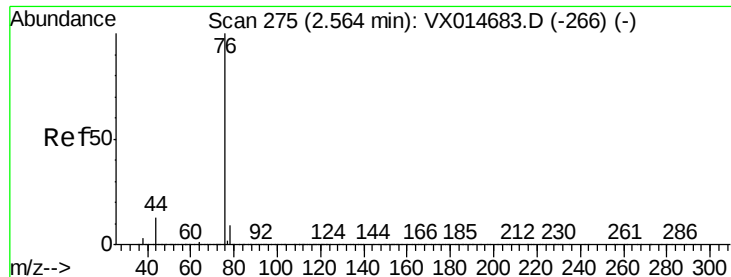
58 31.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

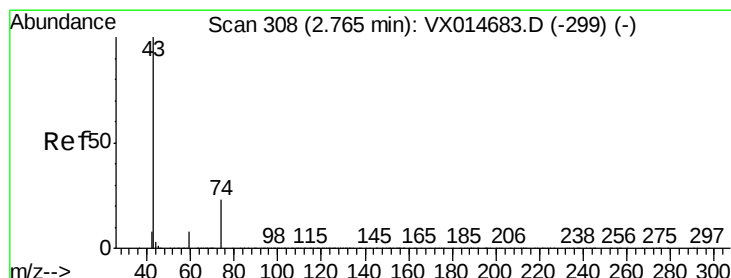
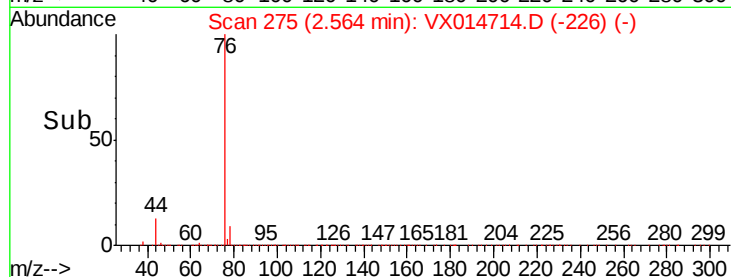
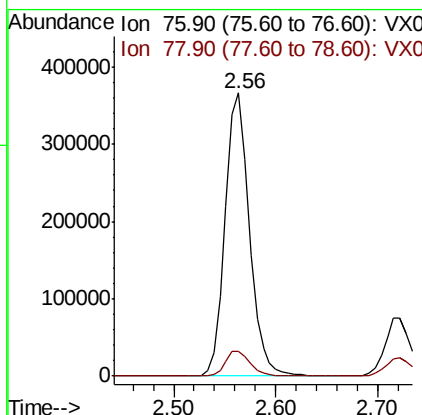
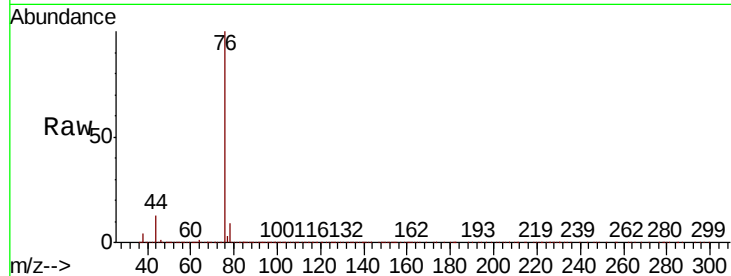




#17
Carbon Disulfide
Concen: 47.401 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

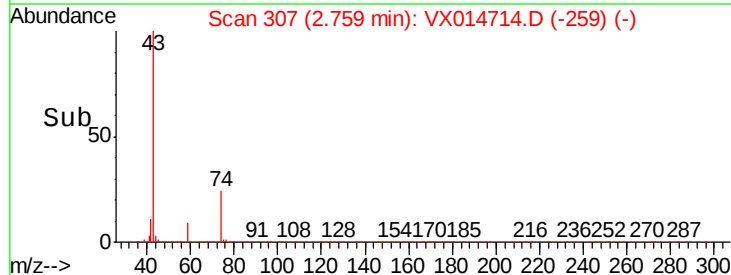
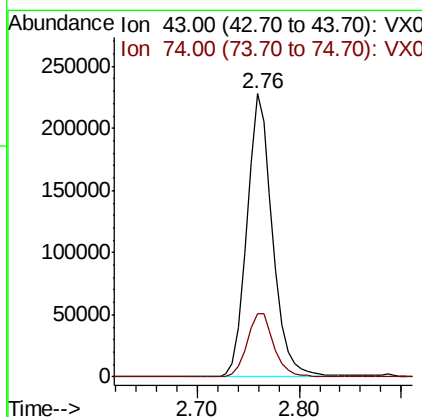
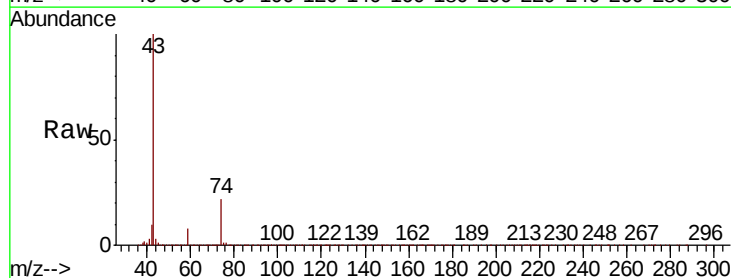
Instrument :
MSVOA_X
ClientSampleId :

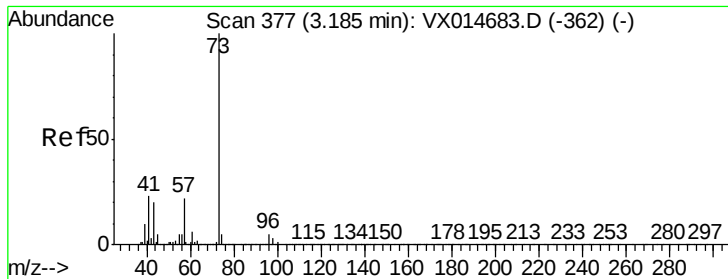
Tot Ion: 76 Resp: 604532
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 46.078 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 43 Resp: 395141
Ion Ratio Lower Upper
43 100
74 23.7 18.5 27.7



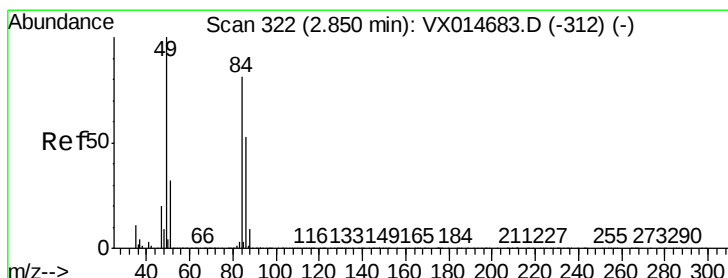
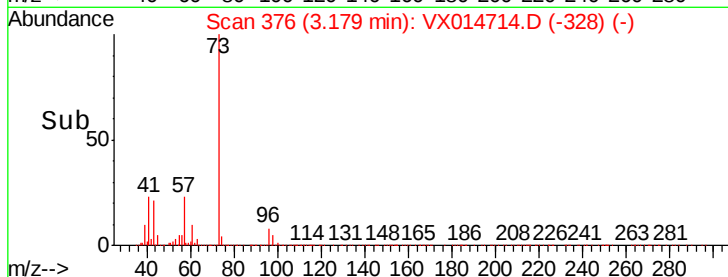
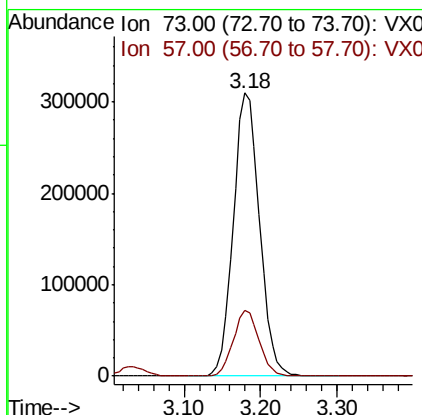
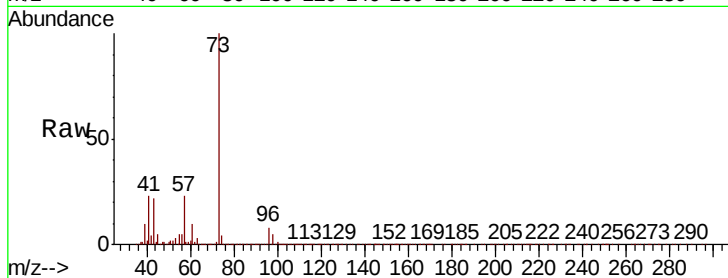


#19

Methyl tert-butyl Ether
 Concen: 47.952 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

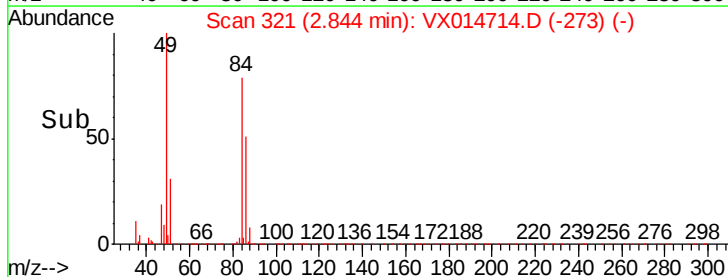
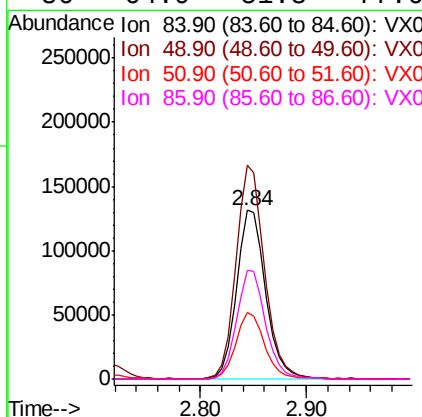
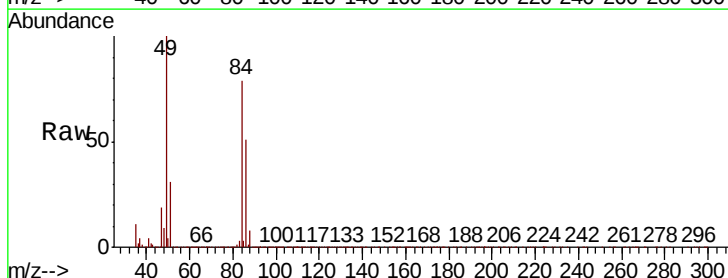
Tot Ion: 73 Resp: 732902
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.0 27.0

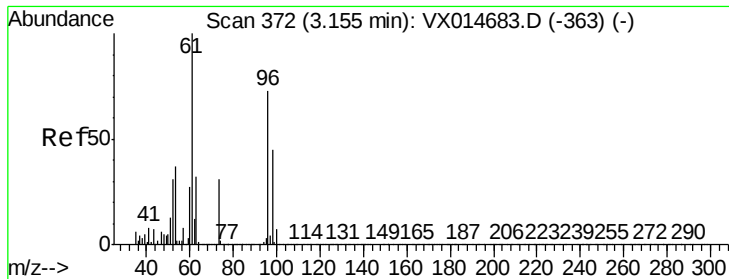


#20

Methylene Chloride
 Concen: 45.225 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion: 84 Resp: 251409
 Ion Ratio Lower Upper
 84 100
 49 126.9 98.2 147.4
 51 39.7 31.3 46.9
 86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.294 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :

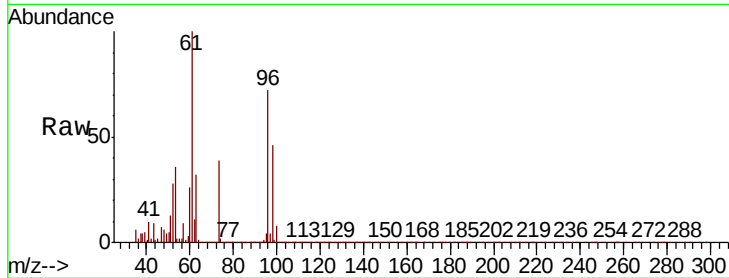
Tot Ion: 96 Resp: 237853

Ion Ratio Lower Upper

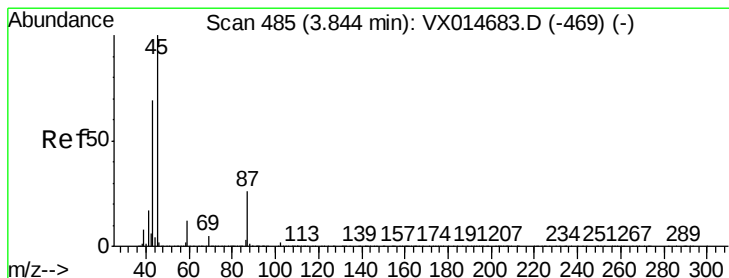
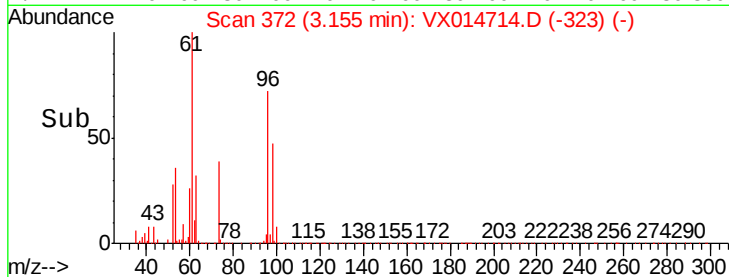
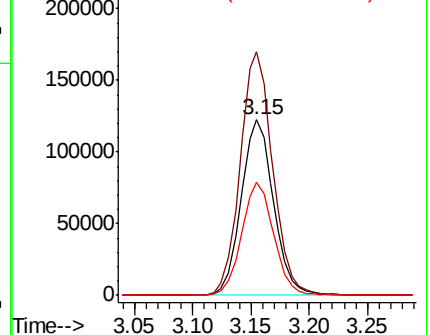
96 100

61 138.5 109.8 164.6

98 64.3 49.6 74.4



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



#22

Diisopropyl ether

Concen: 49.272 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion: 45 Resp: 822208

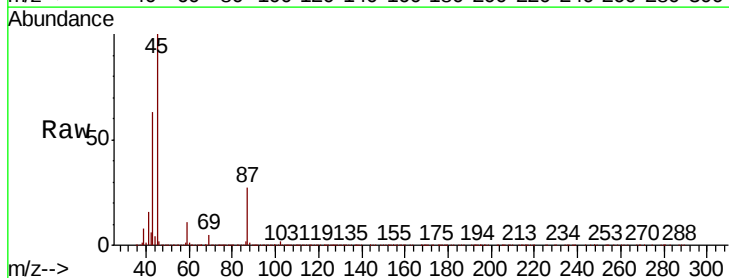
Ion Ratio Lower Upper

45 100

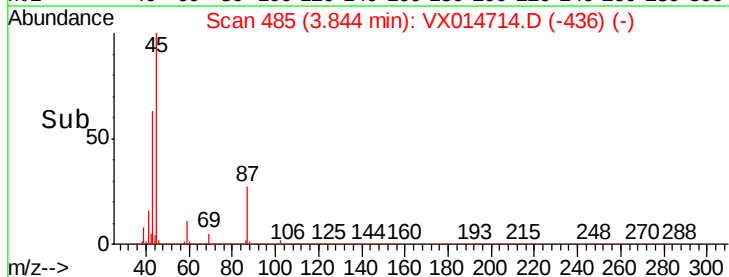
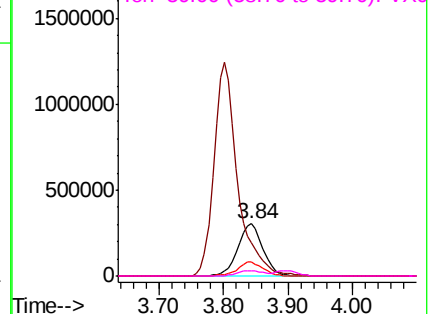
43 63.1 55.1 82.7

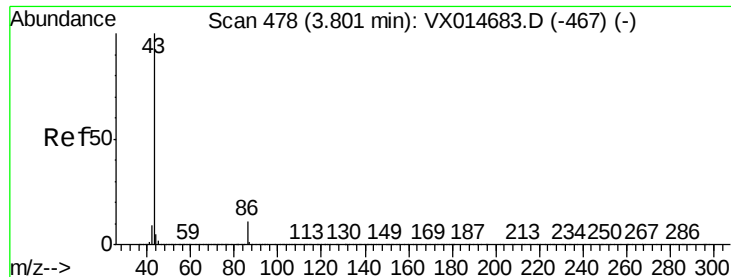
87 26.9 20.7 31.1

59 10.9 9.2 13.8



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: 251.901 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

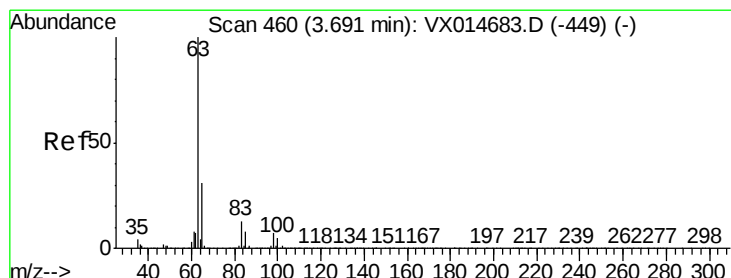
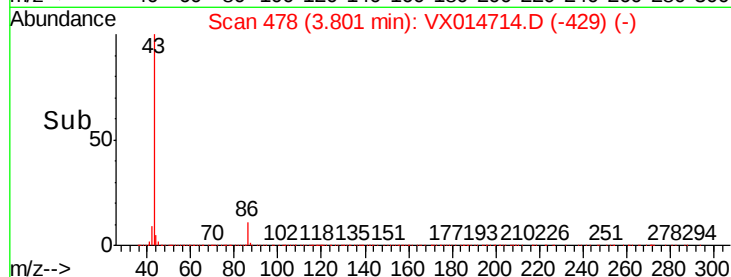
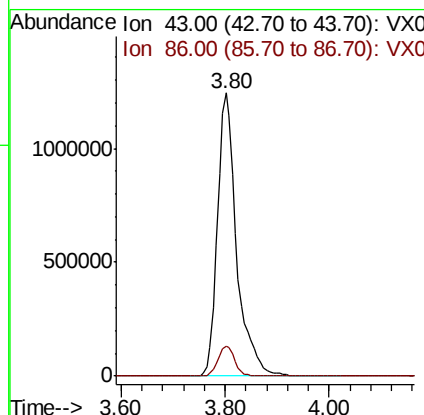
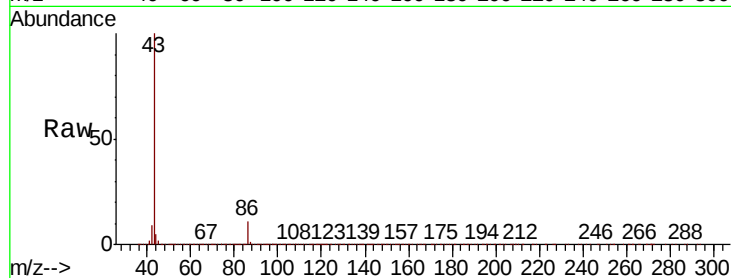
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3204312

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 47.983 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

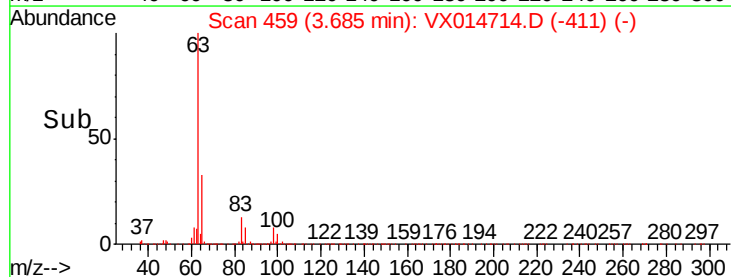
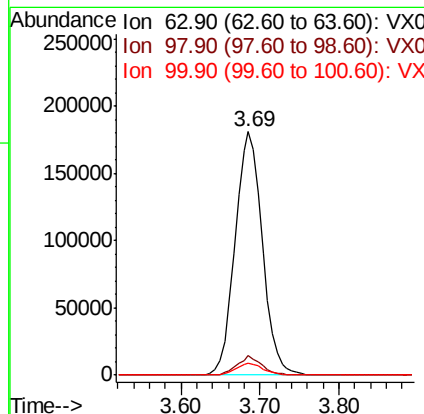
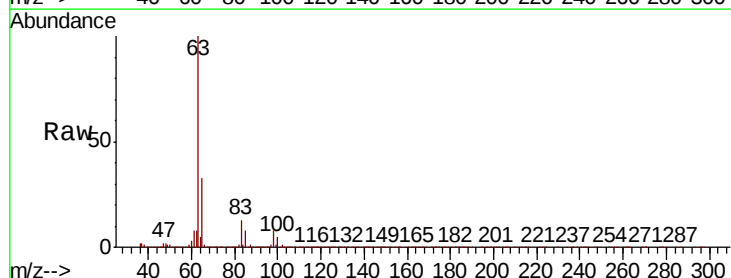
Tgt Ion: 63 Resp: 434838

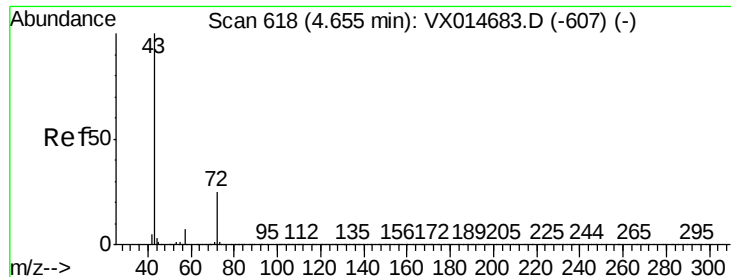
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 244.463 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

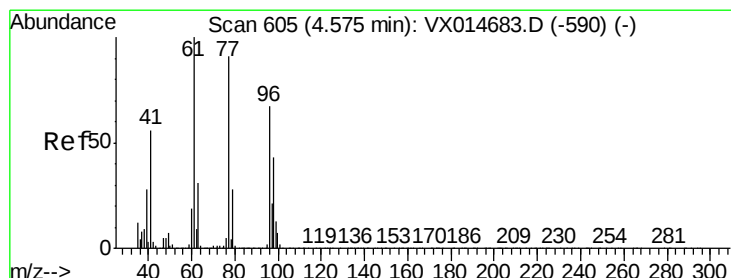
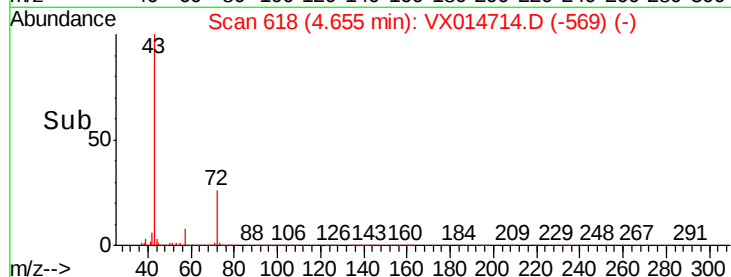
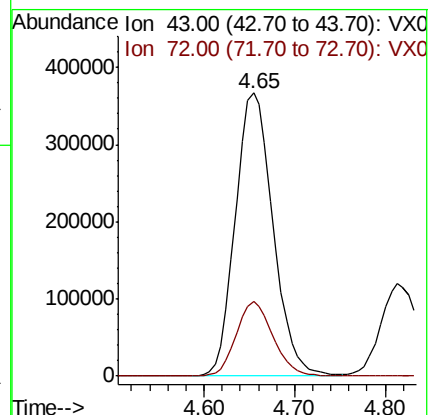
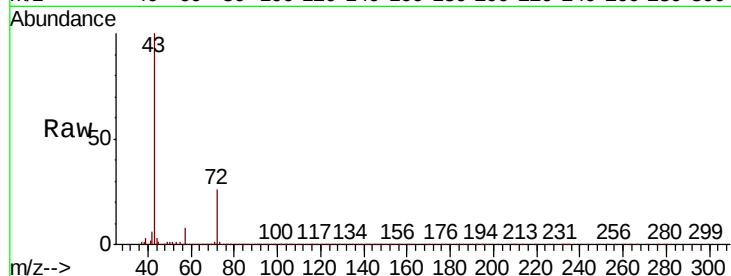
ClientSampleId :

Tot Ion: 43 Resp: 1052259

Ion Ratio Lower Upper

43 100

72 26.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 49.373 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014714.D

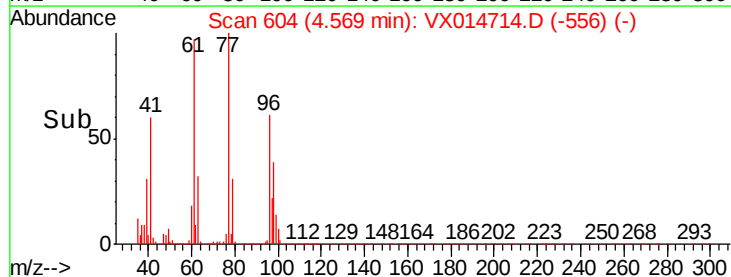
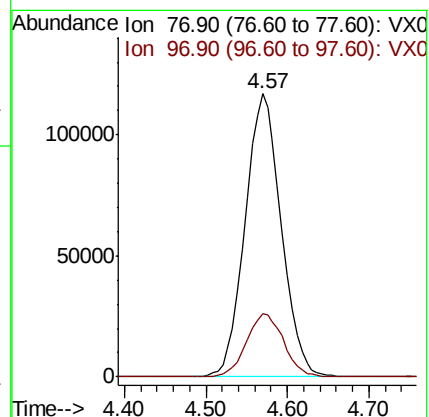
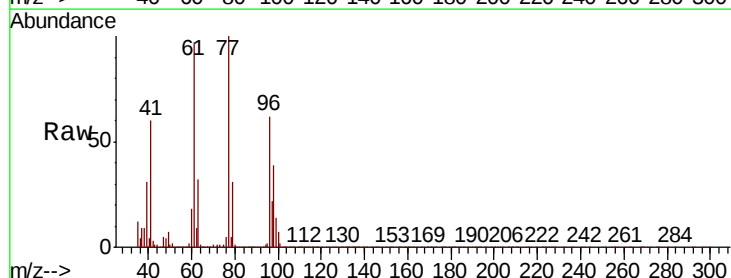
Acq: 27 Jan 2020 09:47

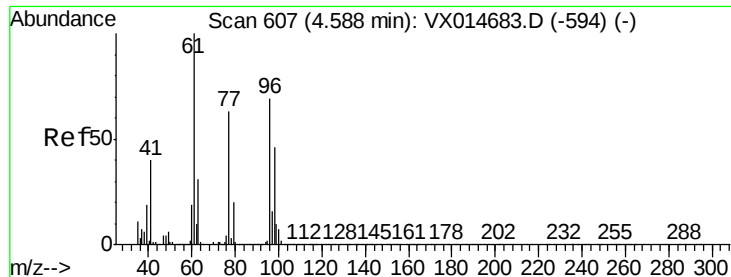
Tgt Ion: 77 Resp: 358136

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3



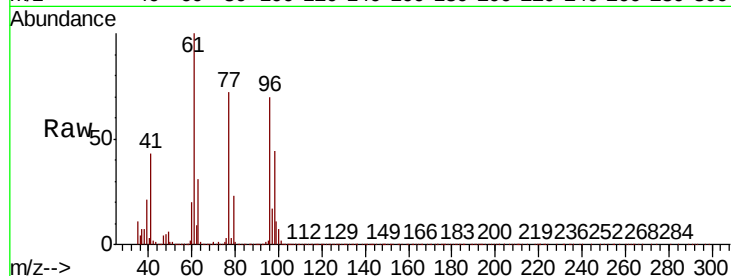


#27

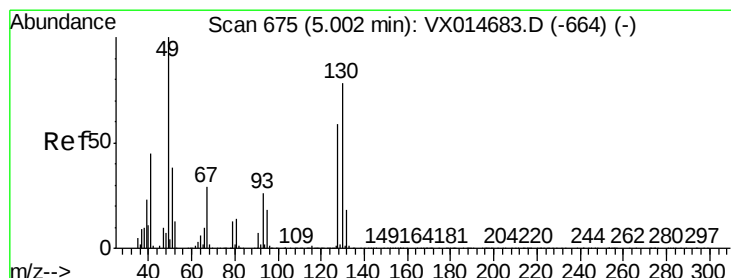
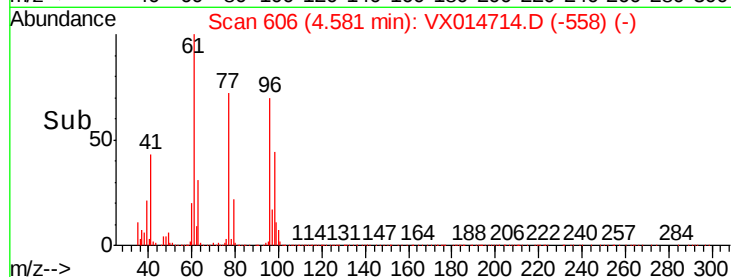
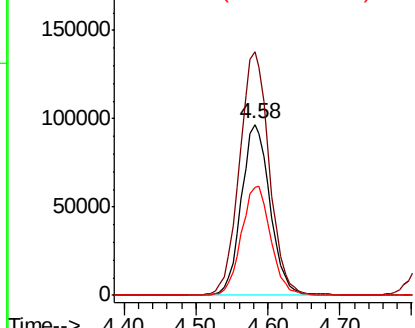
cis-1,2-Dichloroethene
Concen: 46.524 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	291.0
98	64.9	0.0	129.8



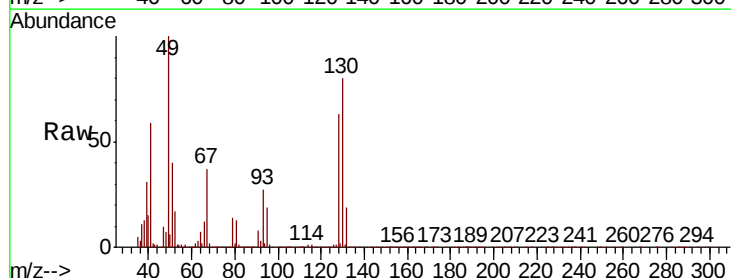
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



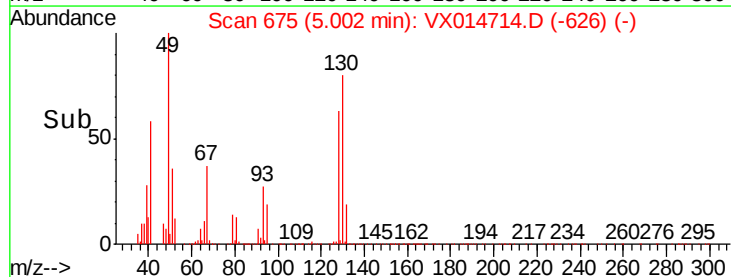
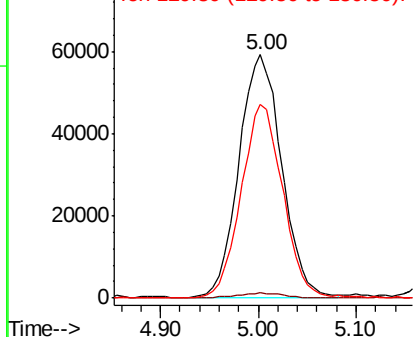
#28

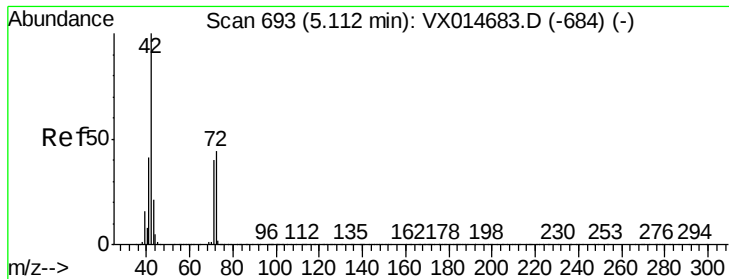
Bromochloromethane
Concen: 45.443 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	77.6	62.4	93.6



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

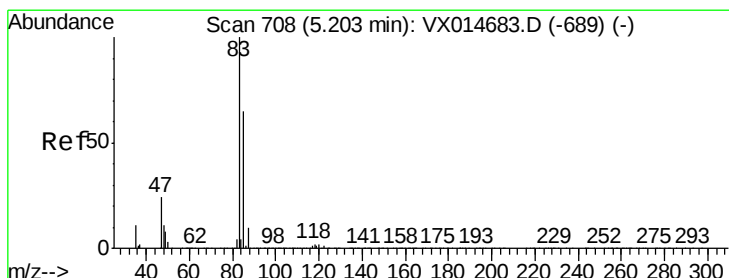
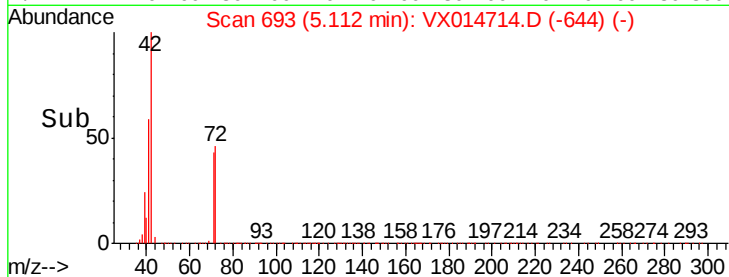
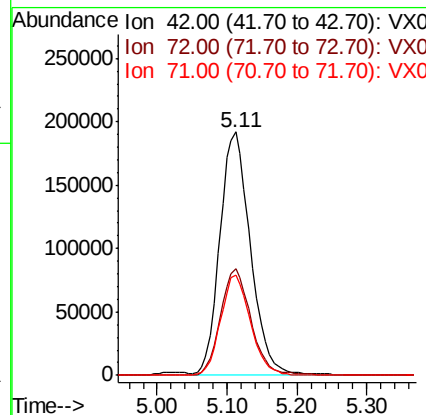
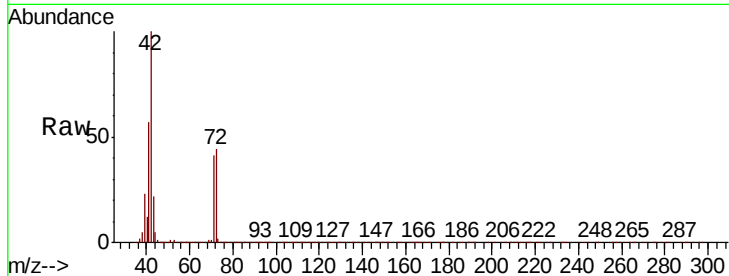




#29
Tetrahydrofuran
Concen: 227.223 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

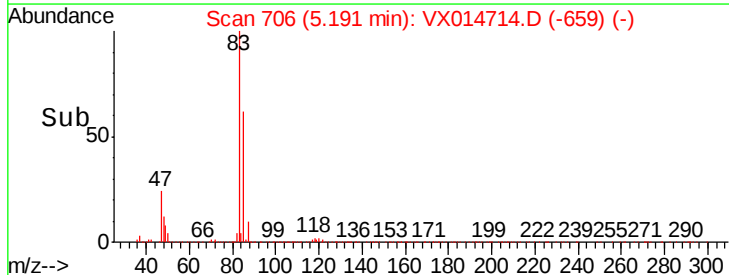
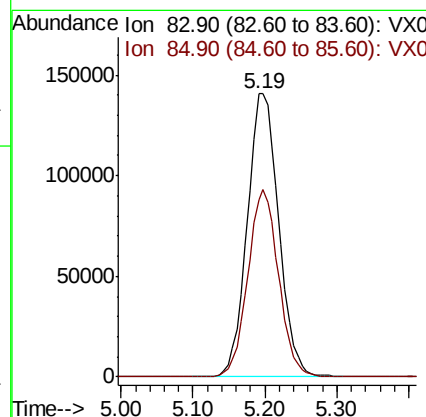
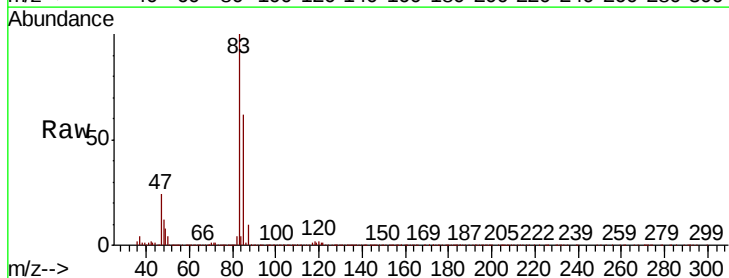
Instrument :
MSVOA_X
ClientSampled :

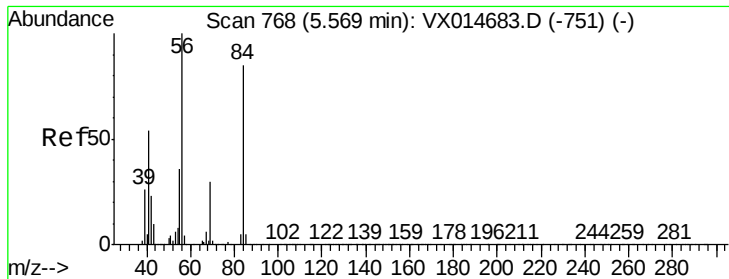
Tot Ion: 42 Resp: 580491
Ion Ratio Lower Upper
42 100
72 43.6 35.3 52.9
71 40.5 33.1 49.7



#30
Chloroform
Concen: 47.582 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 83 Resp: 427161
Ion Ratio Lower Upper
83 100
85 62.2 51.7 77.5

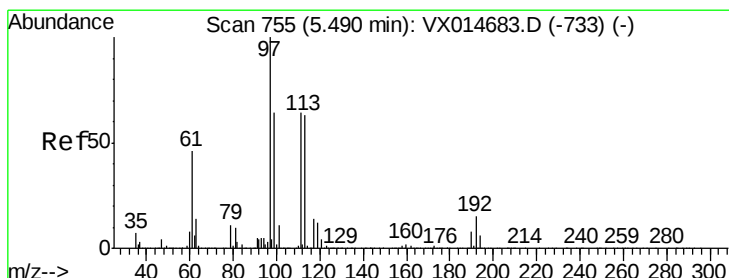
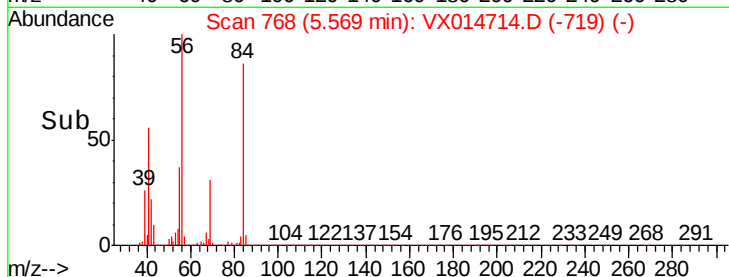
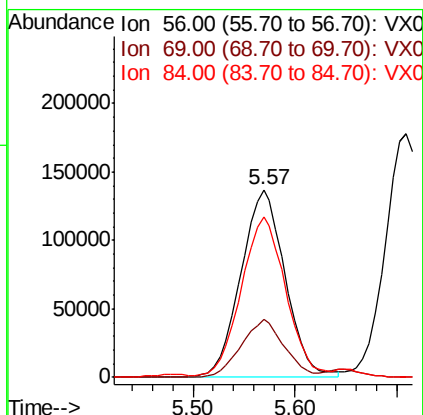
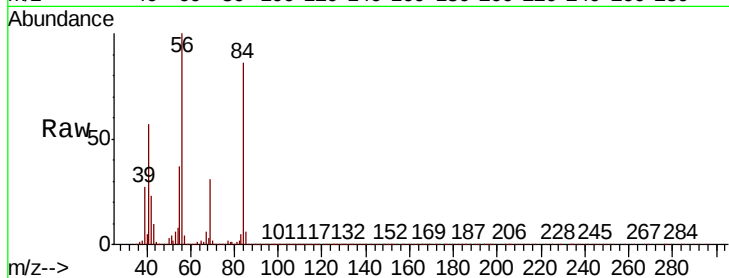




#31
Cyclohexane
Concen: 48.268 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

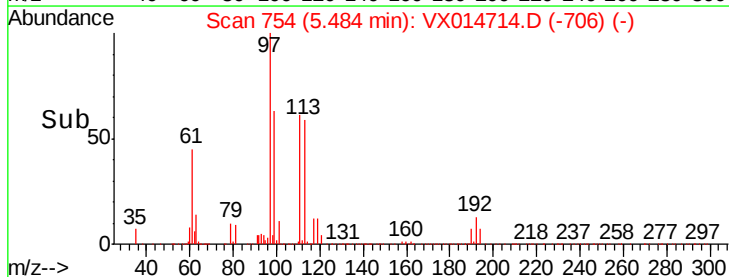
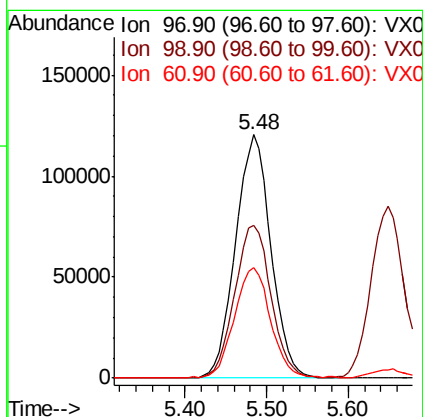
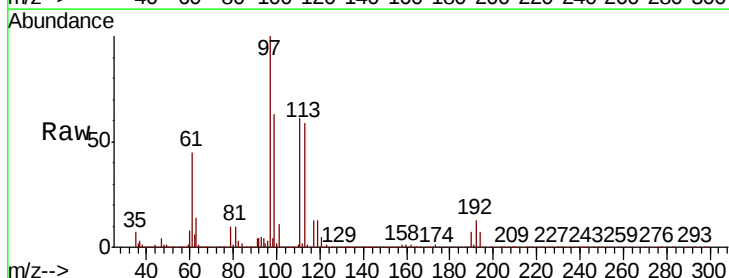
Instrument :
MSVOA_X
ClientSampleId :

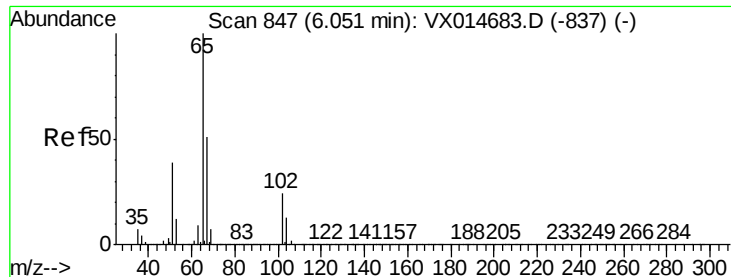
Tot Ion: 56 Resp: 411416
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 84.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.580 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 97 Resp: 361049
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 46.3 37.2 55.8

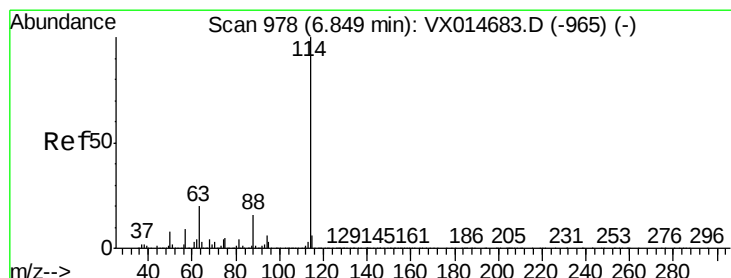
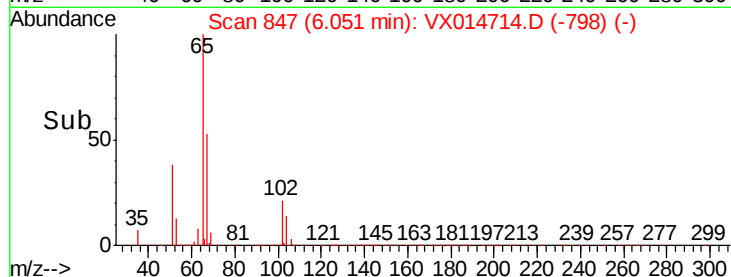
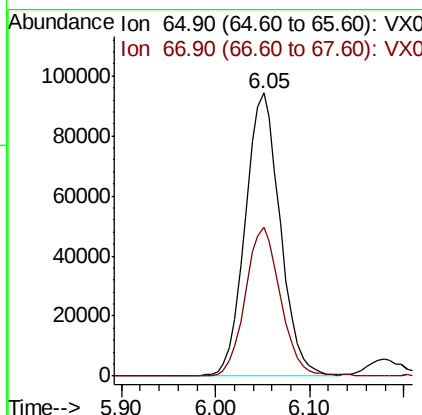
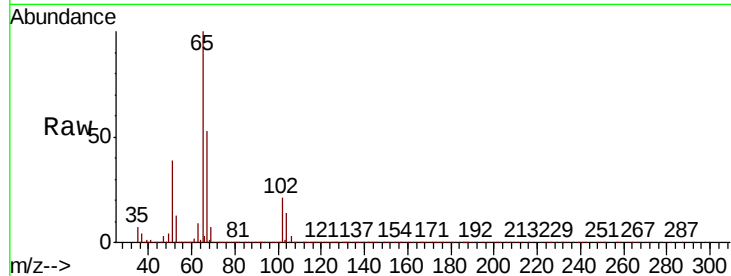




#33
 1,2-Dichloroethane-d4
 Concen: 44.581 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

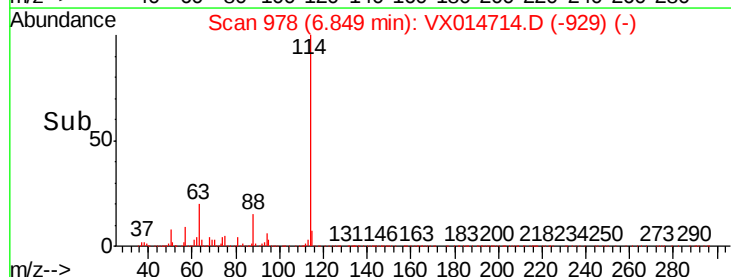
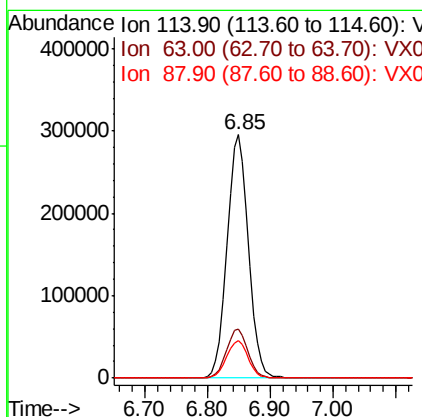
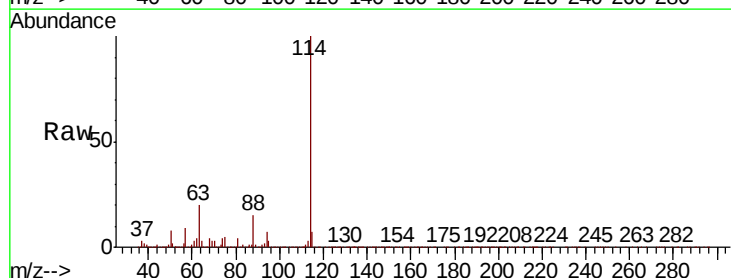
Instrument :
 MSVOA_X
 ClientSampled :

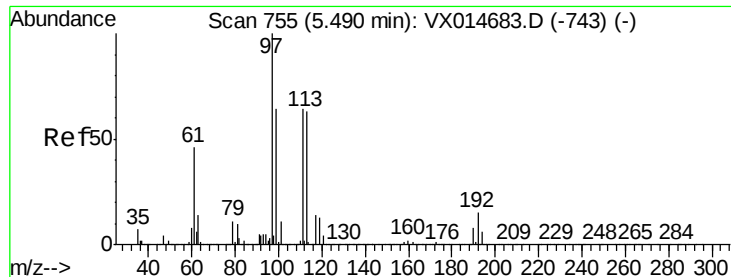
Tot Ion: 65 Resp: 244372
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion: 114 Resp: 694649
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.865 ug/l

RT: 5.48 min Scan# 754

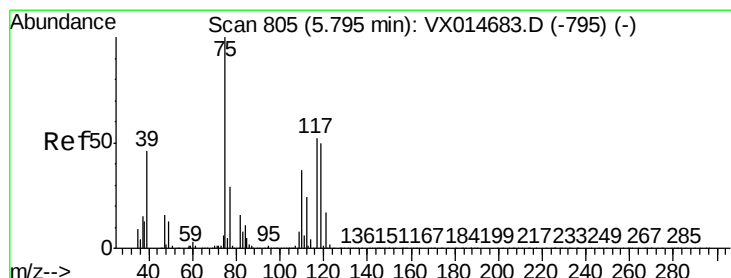
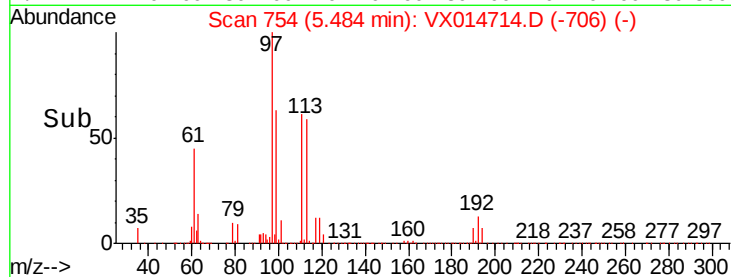
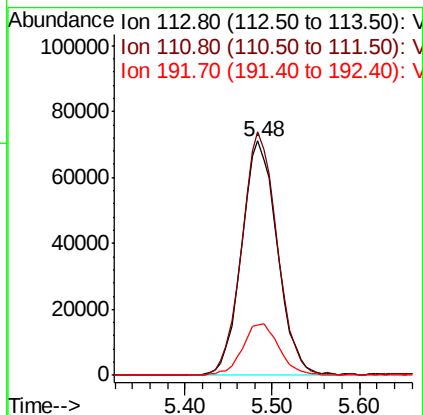
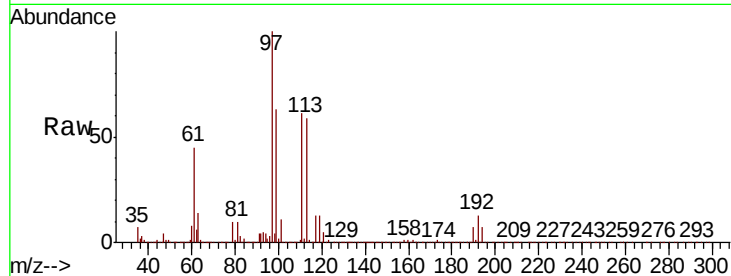
Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:113	Resp:	201034
Ion Ratio	Lower	Upper
113	100	
111	103.0	80.7 121.1
192	22.5	18.5 27.7



#36

1,1-Dichloropropene

Concen: 50.241 ug/l

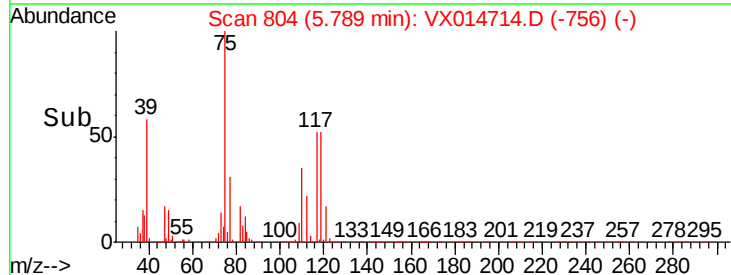
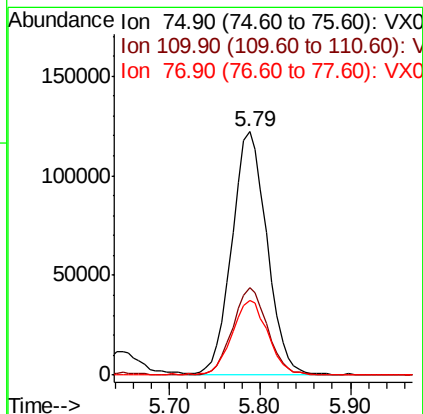
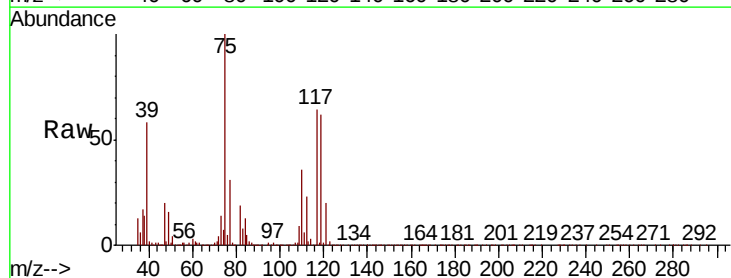
RT: 5.79 min Scan# 804

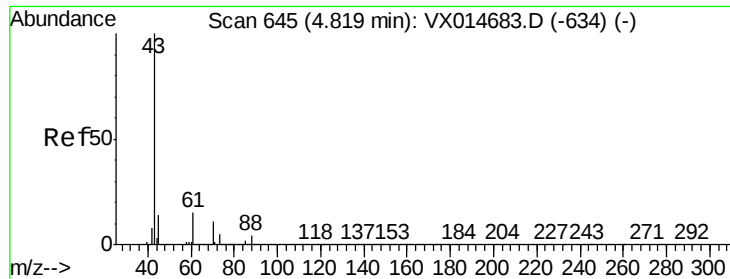
Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion: 75	Resp:	324291
Ion Ratio	Lower	Upper
75	100	
110	36.0	17.9 53.7
77	30.7	24.1 36.1

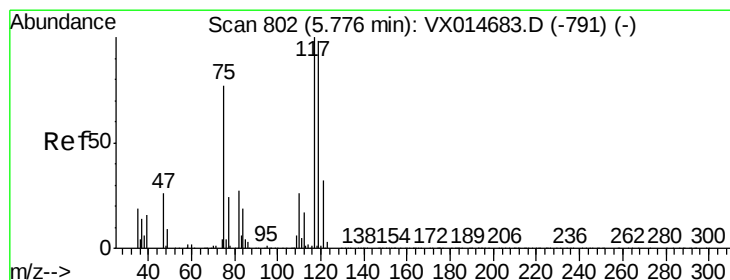
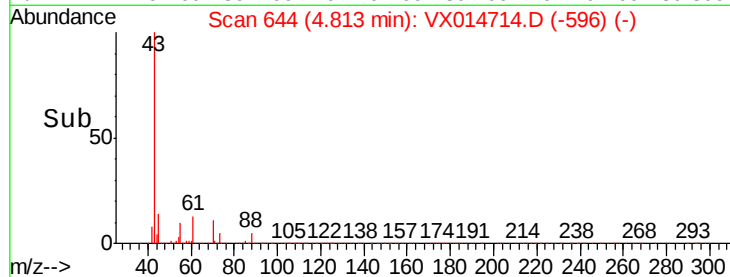
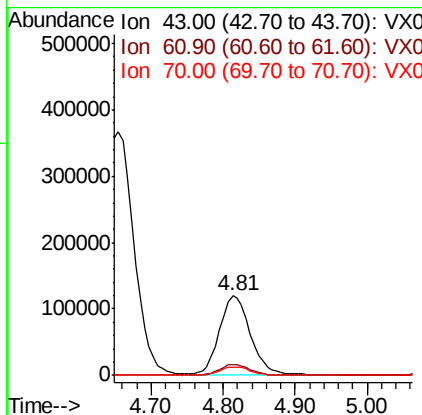
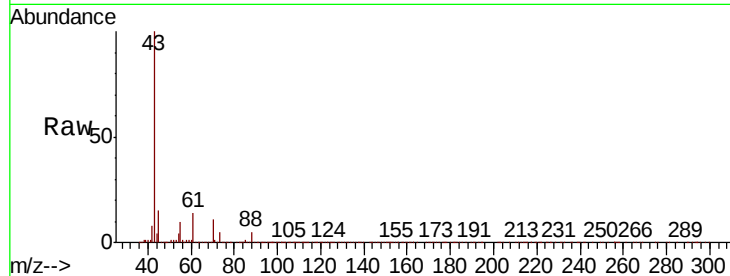




#37
Ethyl Acetate
Concen: 48.124 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

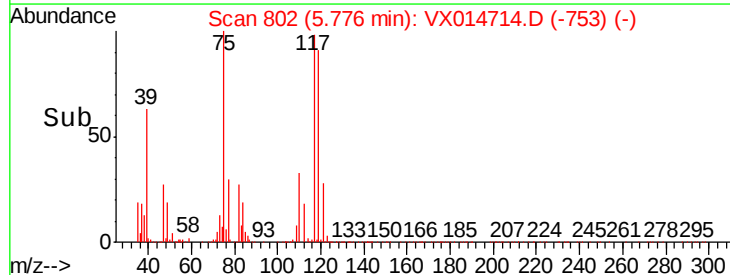
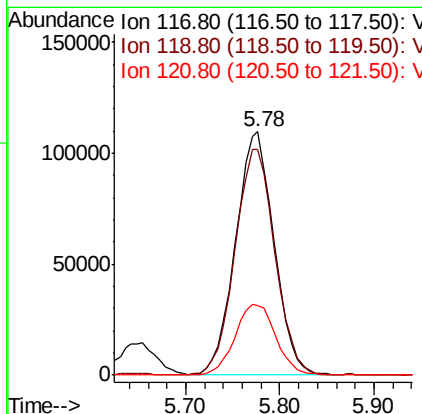
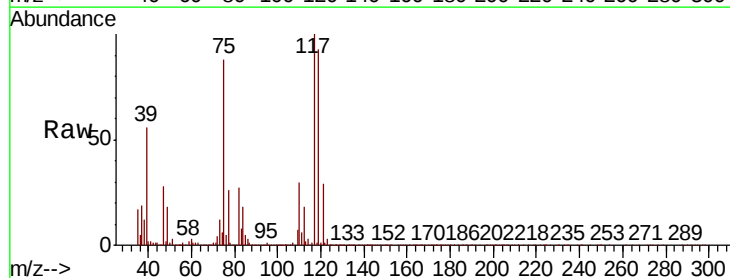
Instrument :
MSVOA_X
ClientSampleId :

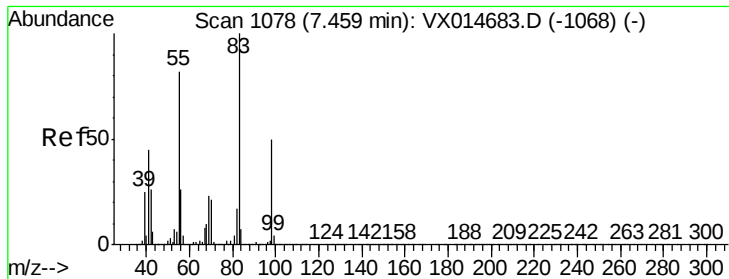
Tot Ion: 43 Resp: 355769
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.4
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.628 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 117 Resp: 312097
Ion Ratio Lower Upper
117 100
119 92.8 77.9 116.9
121 28.6 25.4 38.2

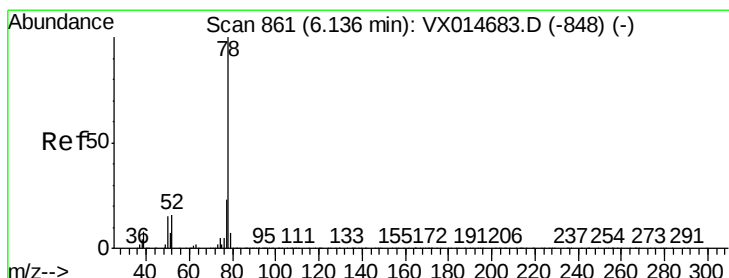
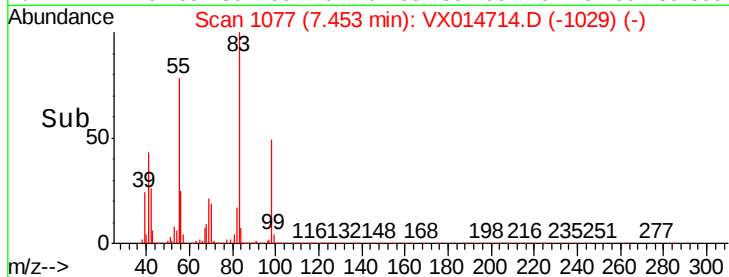
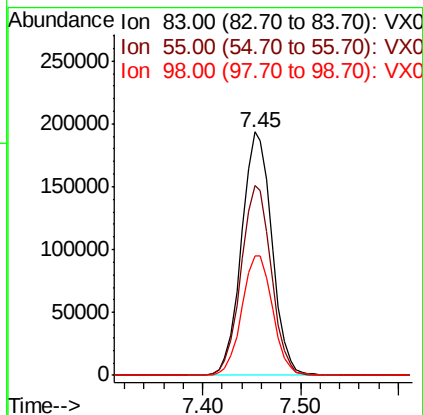
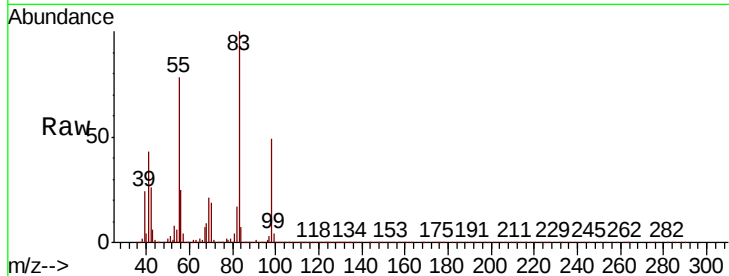




#39
Methvlcvclohexane
Concen: 51.346 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

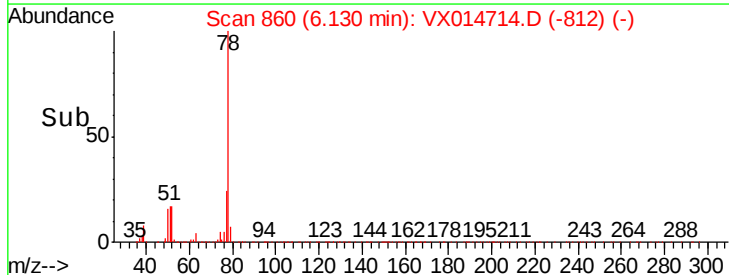
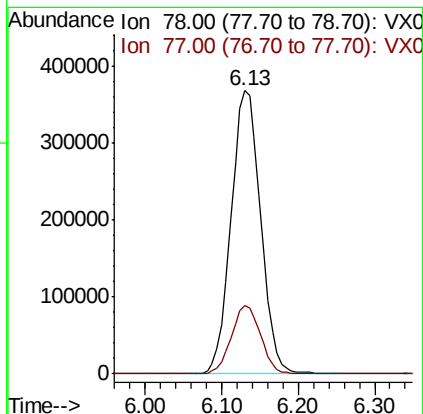
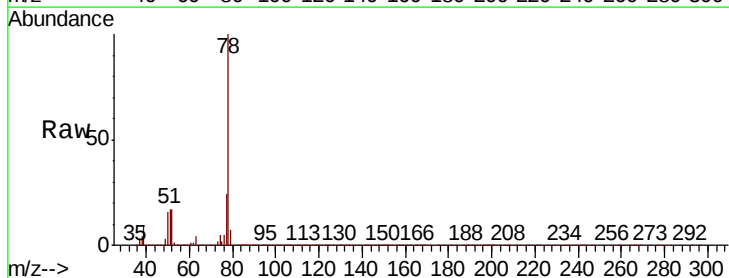
Instrument :
MSVOA_X
ClientSampleId :

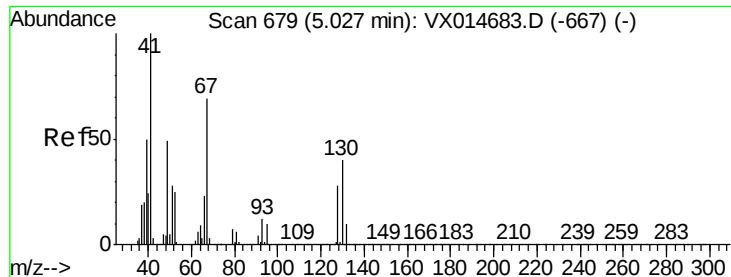
Tot Ion: 83 Resp: 415192
Ion Ratio Lower Upper
83 100
55 77.7 65.6 98.4
98 48.9 40.2 60.4



#40
Benzene
Concen: 49.347 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 78 Resp: 984154
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

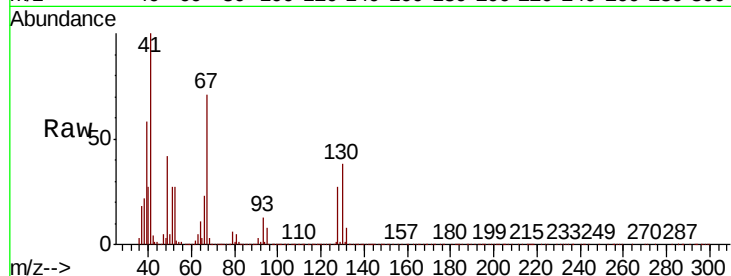




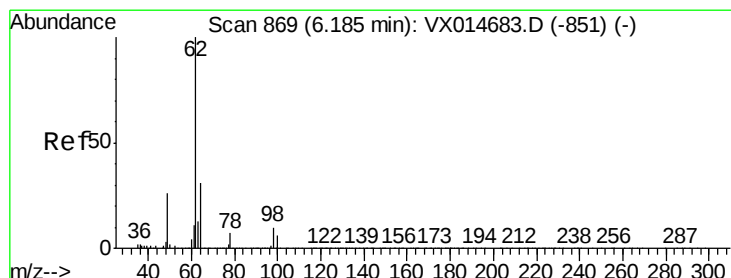
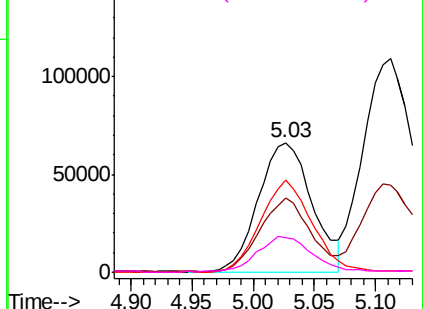
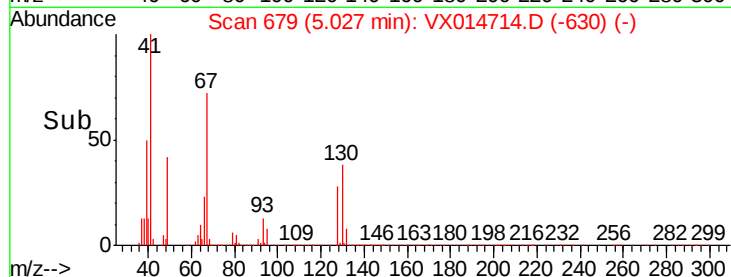
#41
Methacrylonitrile
Concen: 47.923 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	202167
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.2	63.2
67	67.9	55.4	83.0
52	27.5	22.1	33.1

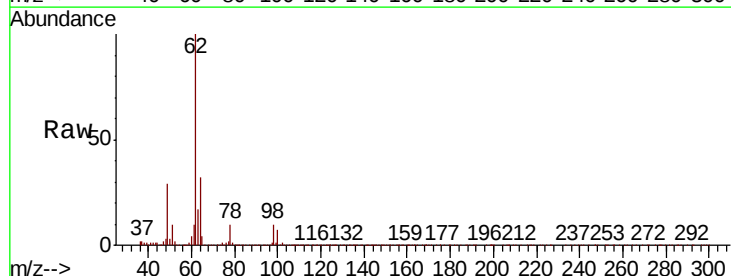


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

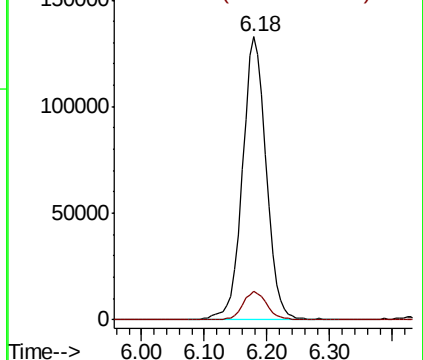
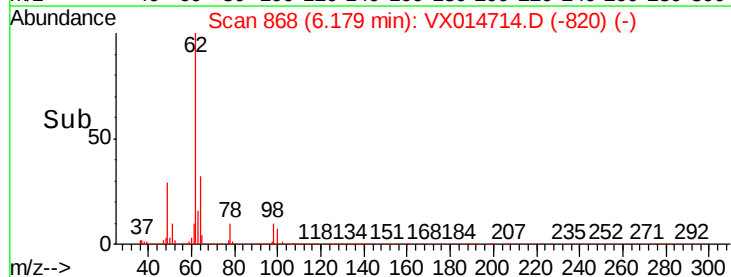


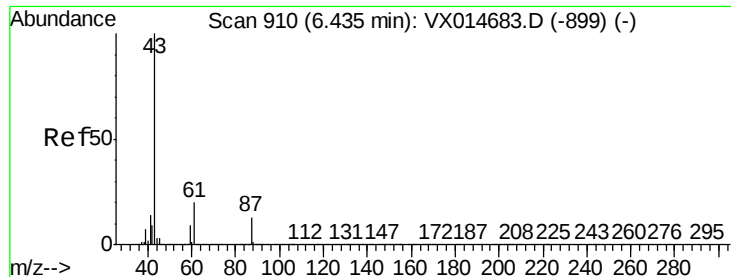
#42
1,2-Dichloroethane
Concen: 49.944 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:	62	Resp:	343966
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 47.514 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

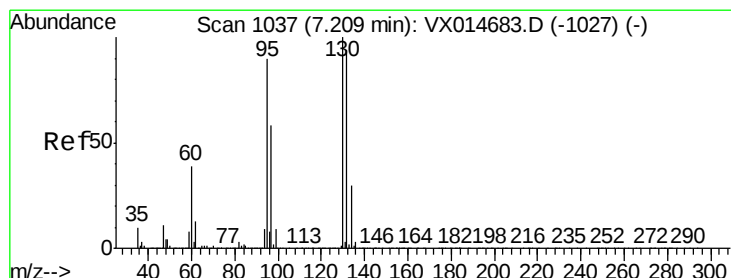
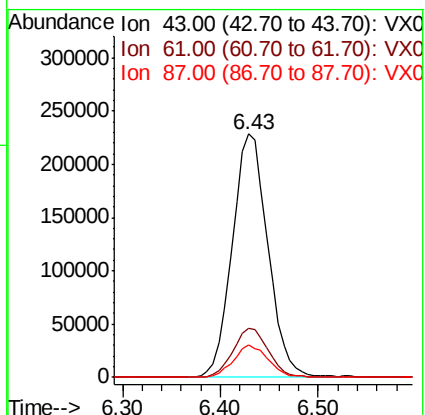
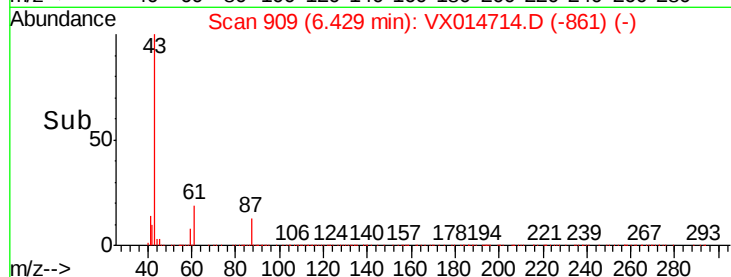
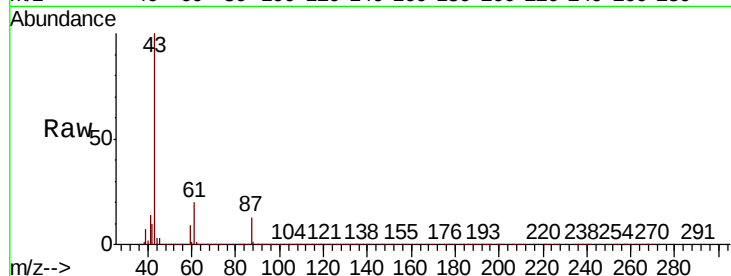
Tot Ion: 43 Resp: 575197

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.4

87 12.8 10.5 15.7



#44

Trichloroethene

Concen: 48.267 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014714.D

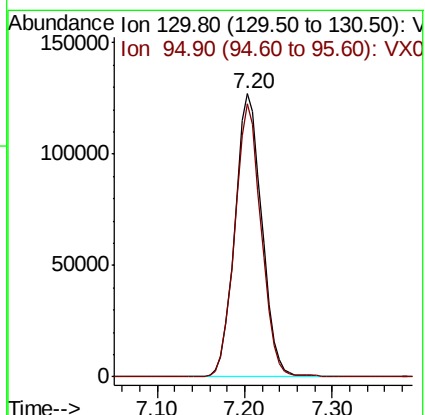
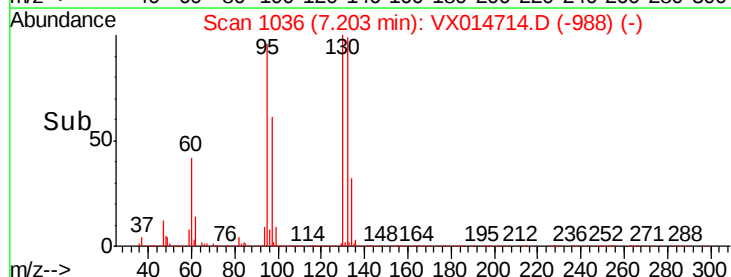
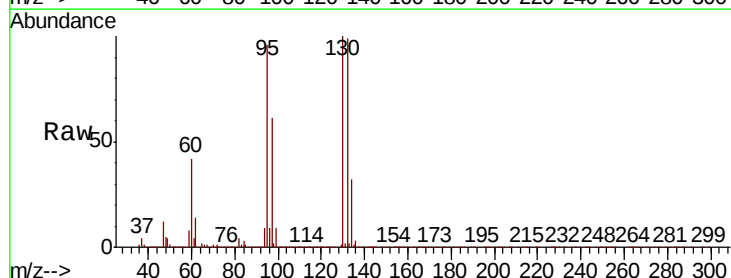
Acq: 27 Jan 2020 09:47

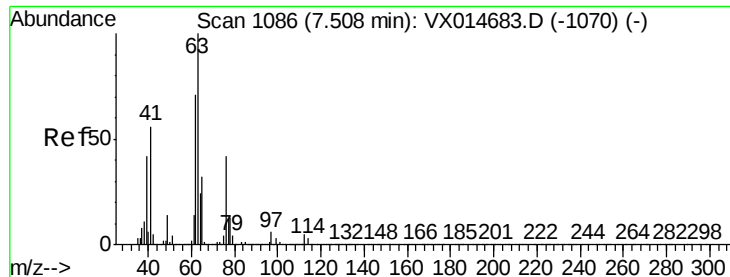
Tgt Ion:130 Resp: 271905

Ion Ratio Lower Upper

130 100

95 96.5 0.0 179.8





#45

1,2-Dichloropropane

Concen: 50.722 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

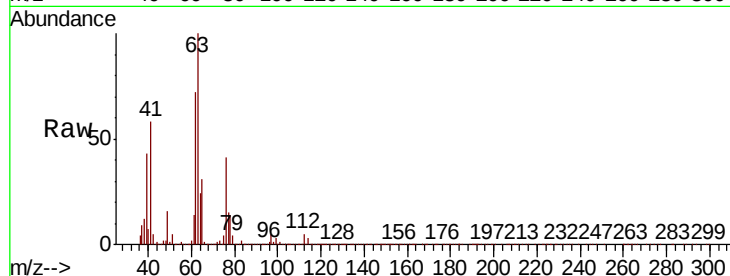
ClientSampled :

Tot Ion: 63 Resp: 260604

Ion Ratio Lower Upper

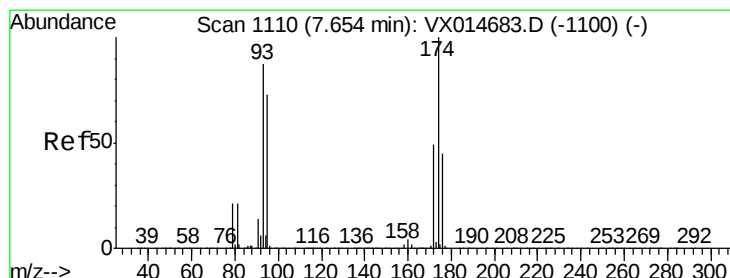
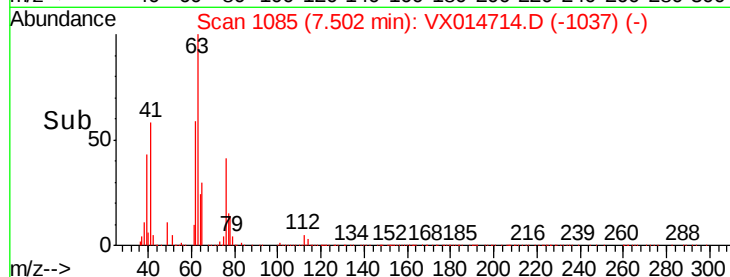
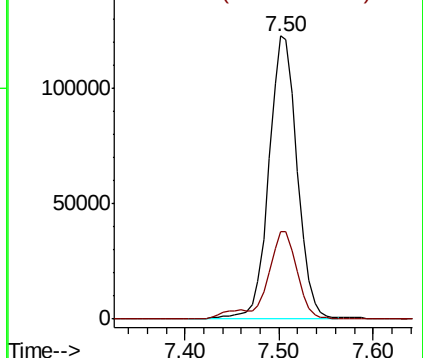
63 100

65 30.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.967 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

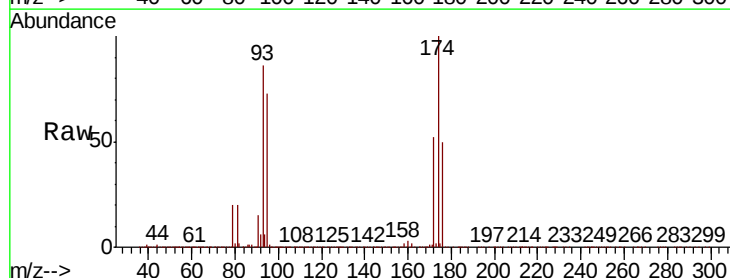
Tgt Ion: 93 Resp: 166271

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

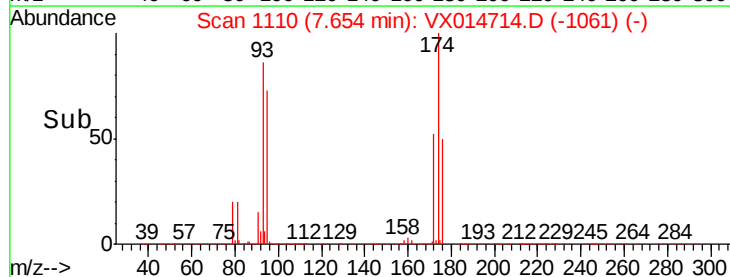
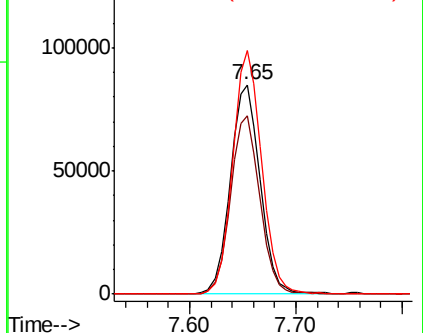
174 114.1 90.2 135.2

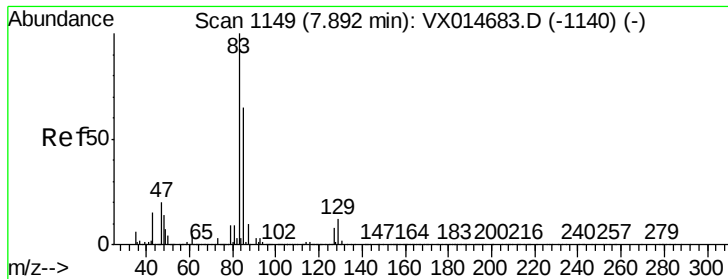


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.080 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :

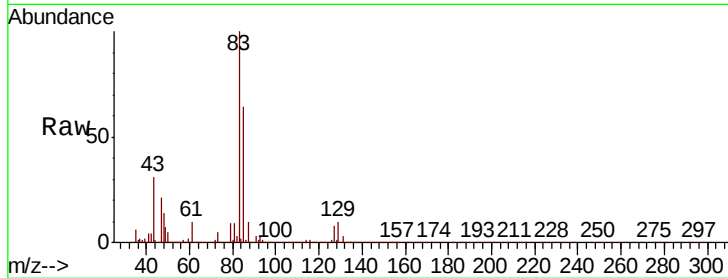
Tot Ion: 83 Resp: 333377

Ion Ratio Lower Upper

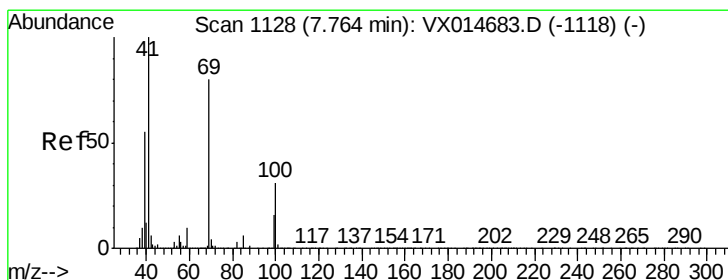
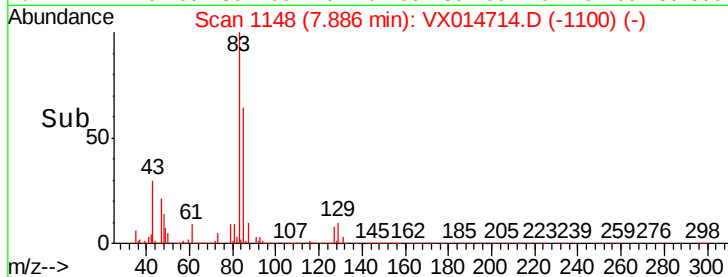
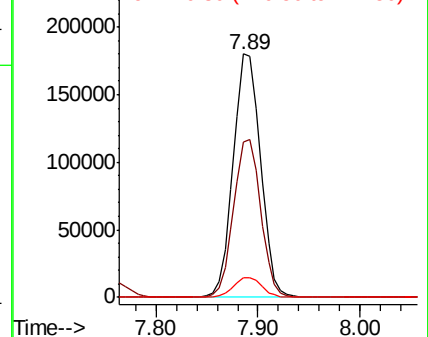
83 100

85 63.6 52.2 78.2

127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.062 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

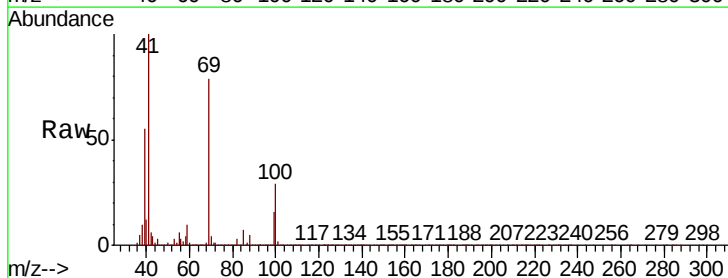
Tgt Ion: 41 Resp: 289570

Ion Ratio Lower Upper

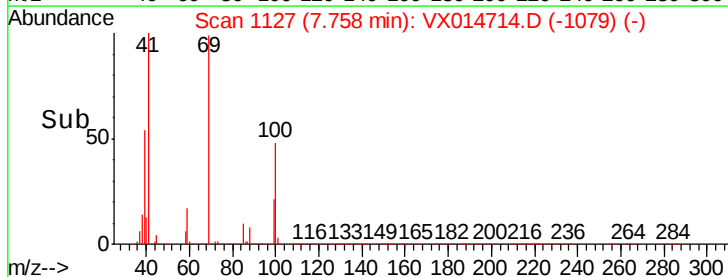
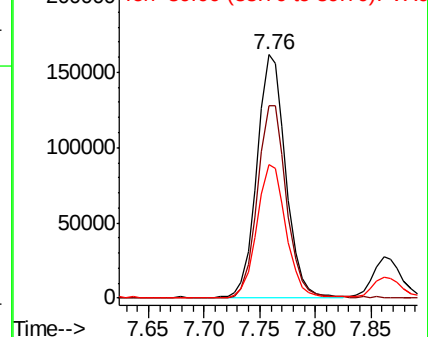
41 100

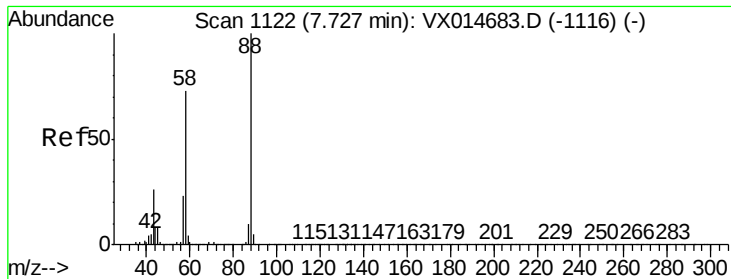
69 80.3 63.5 95.3

39 55.8 43.7 65.5



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

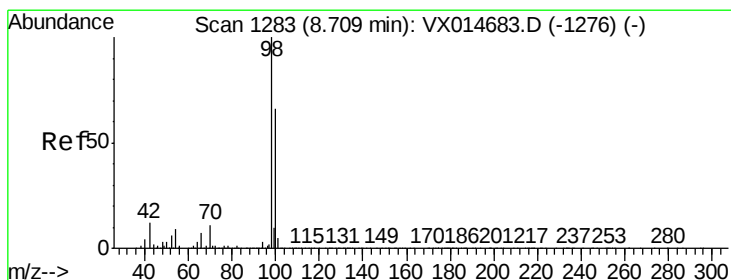
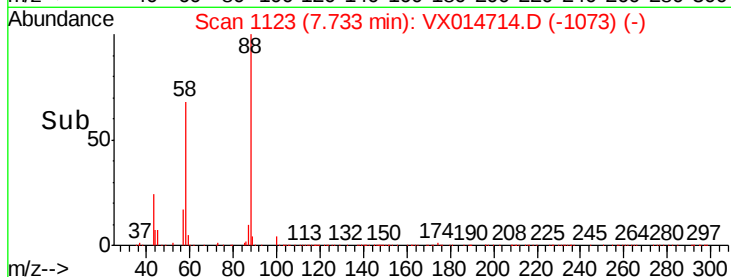
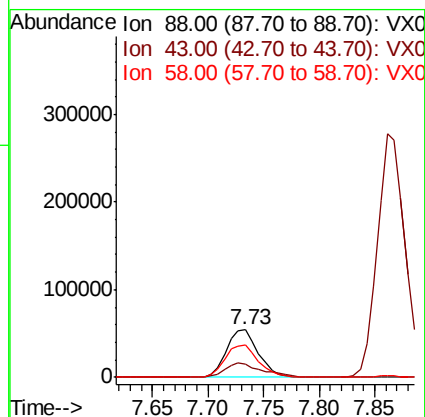
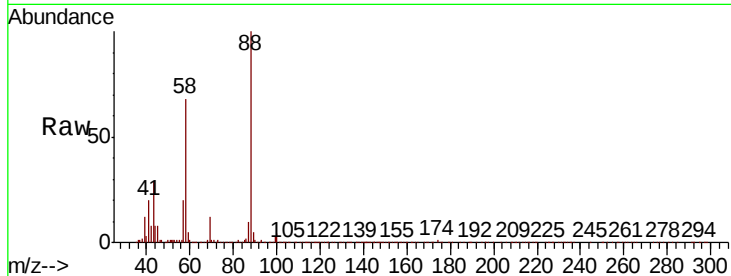




#49
1,4-Dioxane
Concen: 865.209 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

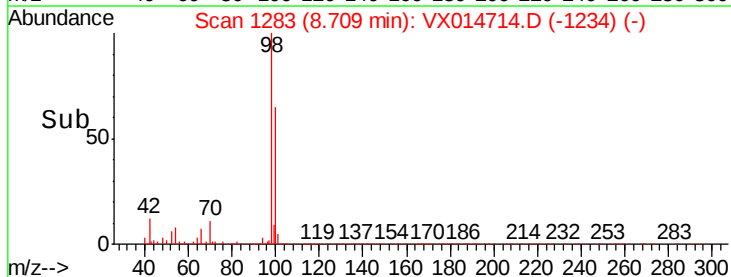
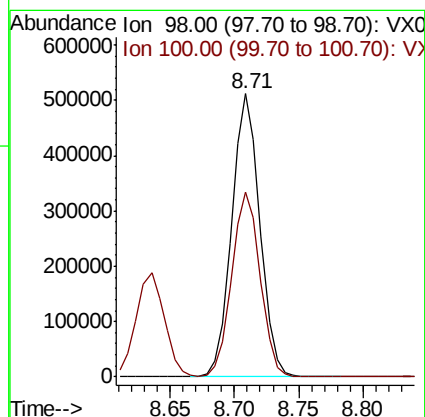
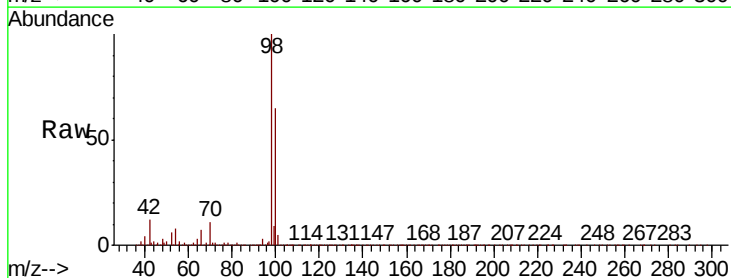
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 106084
Ion Ratio Lower Upper
88 100
43 35.1 26.2 39.2
58 71.7 56.6 85.0



#50
Toluene-d8
Concen: 46.142 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 98 Resp: 777521
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 238.888 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

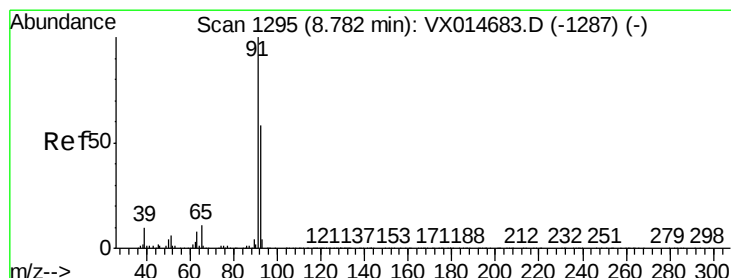
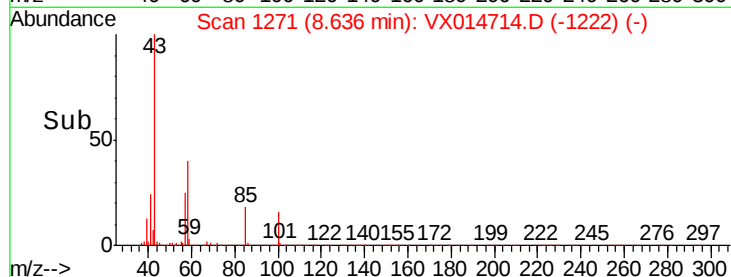
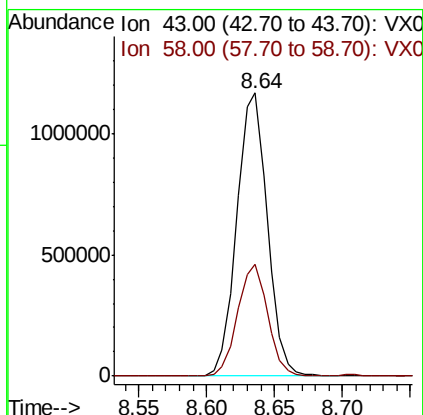
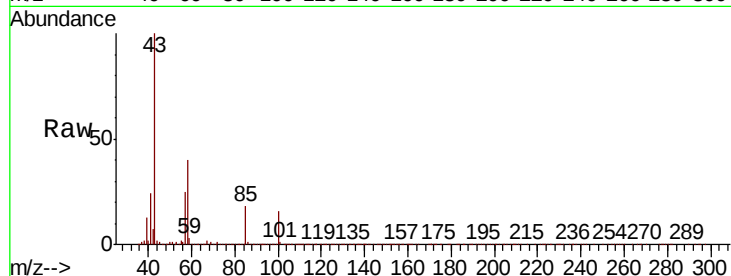
ClientSampleId :

Tot Ion: 43 Resp: 1825272

Ion Ratio Lower Upper

43 100

58 38.9 31.6 47.4



#52

Toluene

Concen: 50.983 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014714.D

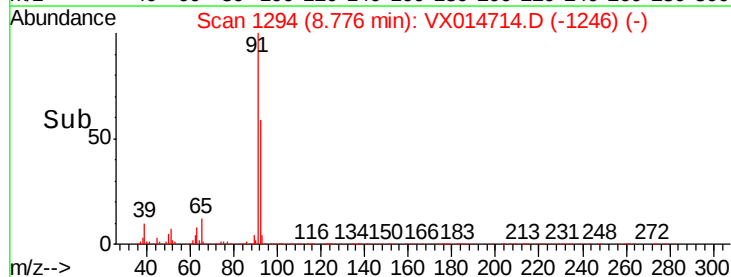
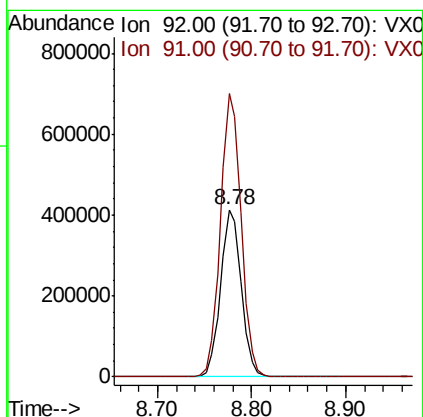
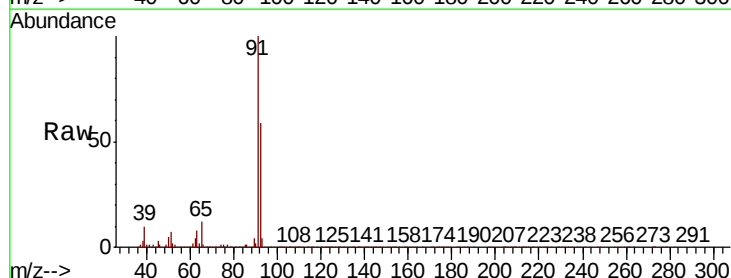
Acq: 27 Jan 2020 09:47

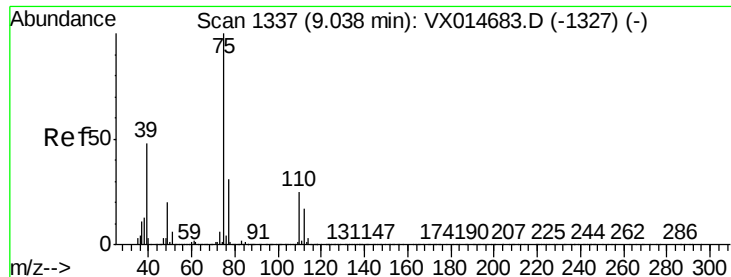
Tgt Ion: 92 Resp: 625025

Ion Ratio Lower Upper

92 100

91 169.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 53.173 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

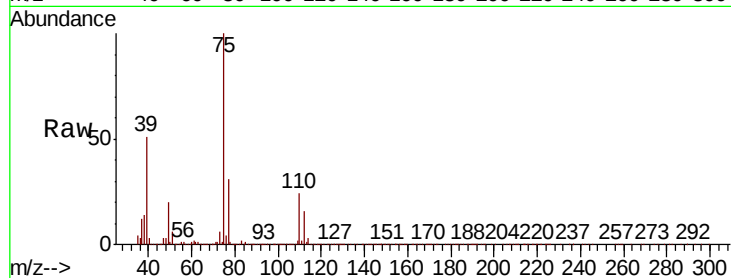
ClientSampleId :

Tot Ion: 75 Resp: 373674

Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

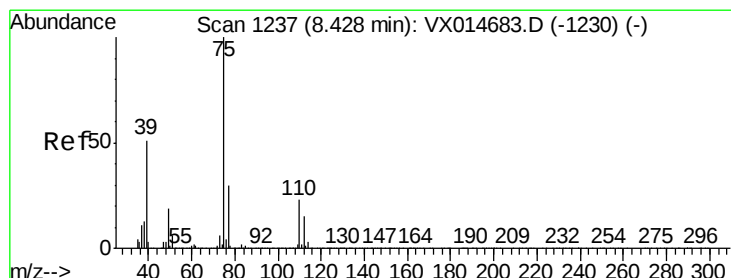
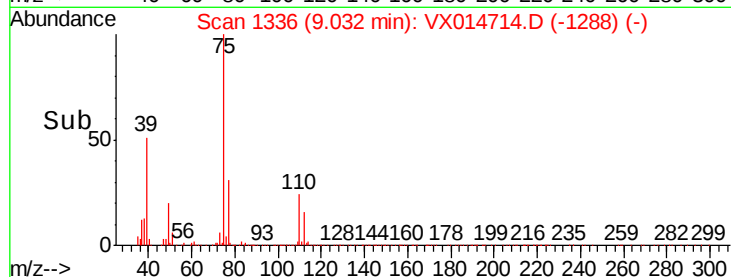
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 53.533 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

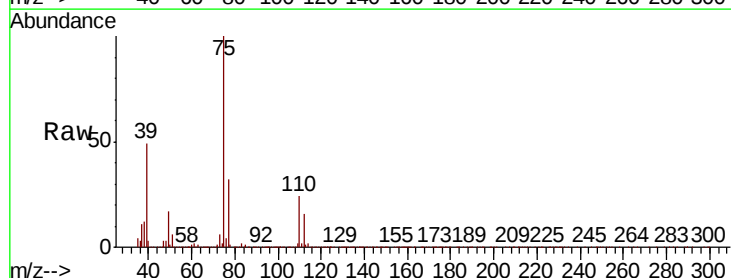
Tgt Ion: 75 Resp: 413858

Ion Ratio Lower Upper

75 100

77 31.4 23.9 35.9

39 49.1 40.9 61.3



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

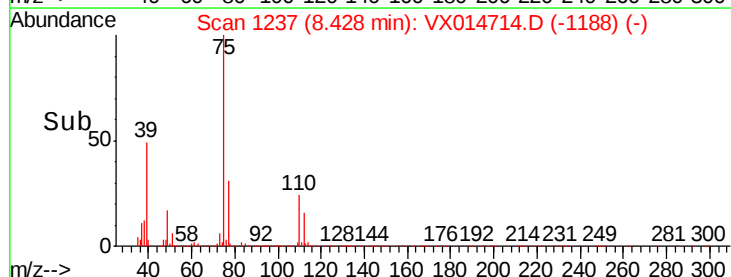
300000

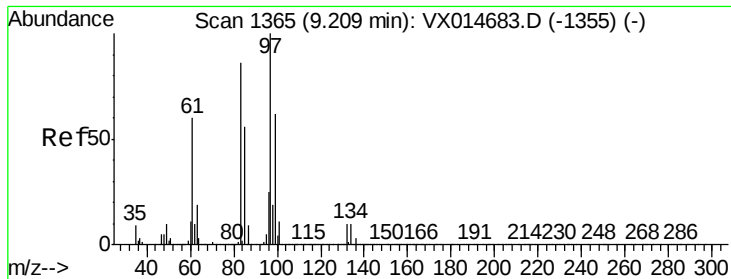
200000

100000

0

Time--> 8.30 8.40 8.50

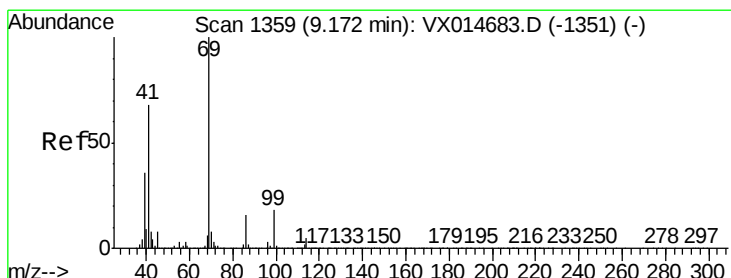
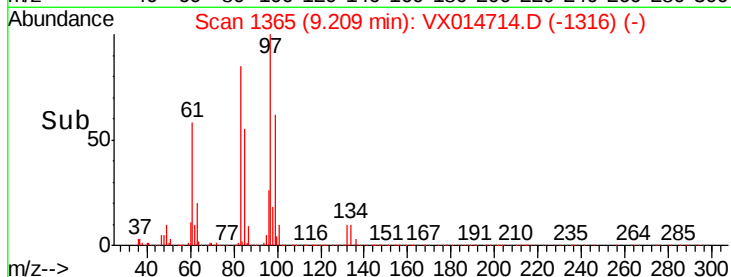
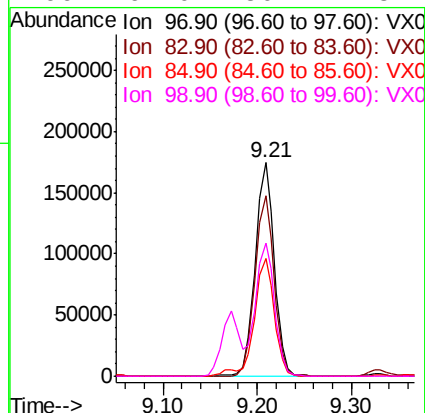
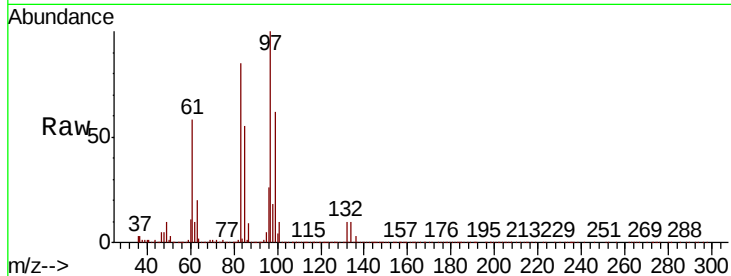




#55
 1,1,2-Trichloroethane
 Concen: 49.815 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

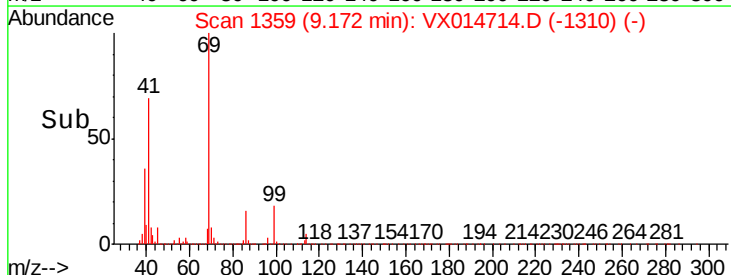
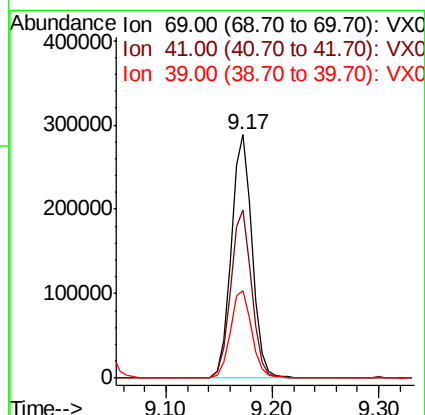
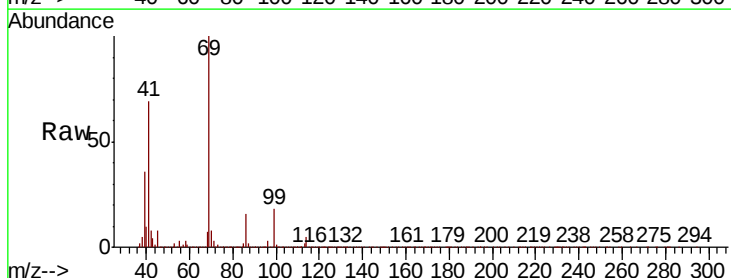
Instrument :
 MSVOA_X
 ClientSampleId :

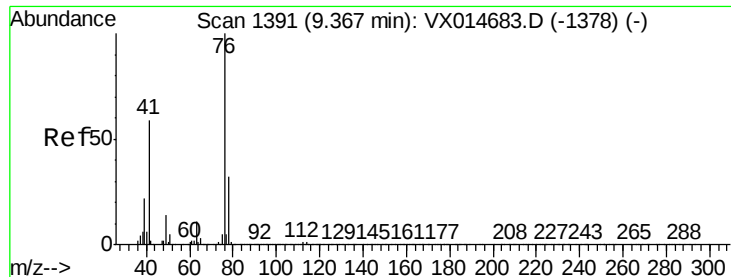
Tot Ion:	97	Resp:	250036
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.2	103.8
85	54.9	44.6	67.0
99	62.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 46.512 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion:	69	Resp:	394690
Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.9	82.3
39	36.8	29.3	43.9





#57

1,3-Dichloropropane

Concen: 49.376 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

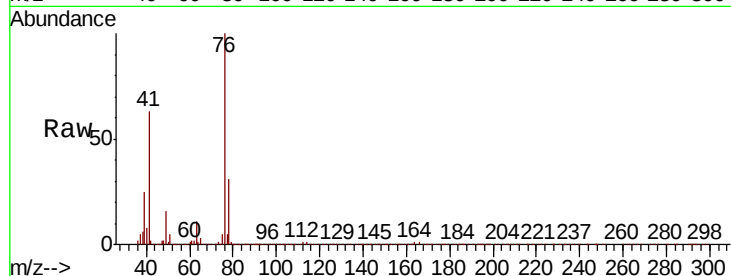
ClientSampleId :

Tot Ion: 76 Resp: 423664

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

300000

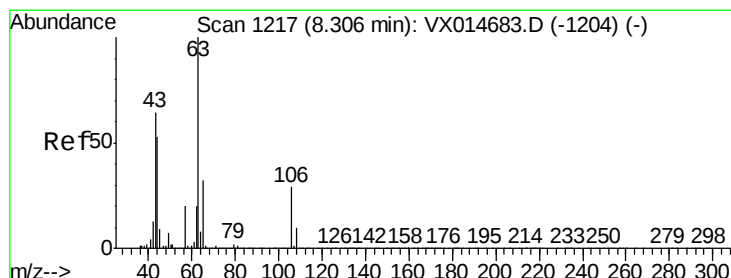
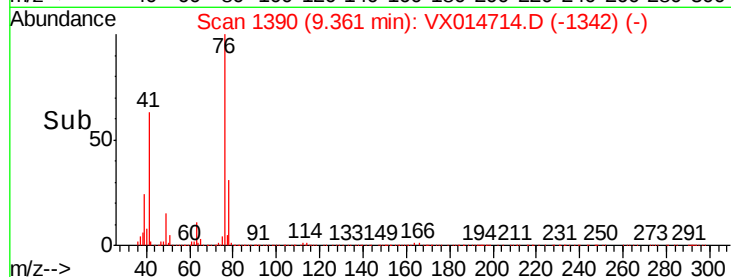
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 262.670 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014714.D

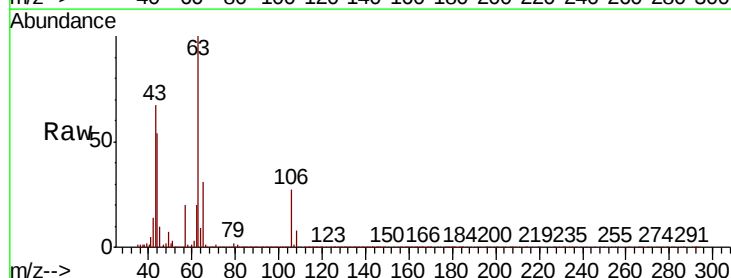
Acq: 27 Jan 2020 09:47

Tgt Ion: 63 Resp: 663042

Ion Ratio Lower Upper

63 100

106 28.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

500000

400000

300000

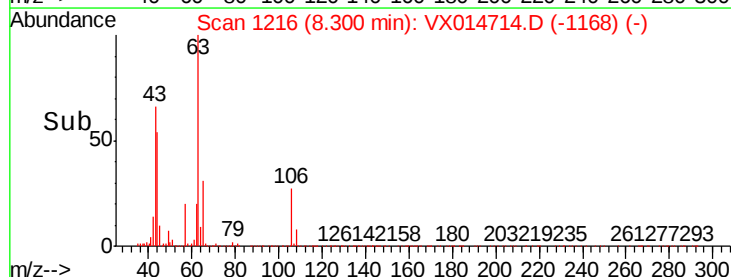
200000

100000

0

8.20 8.30 8.40

Time-->

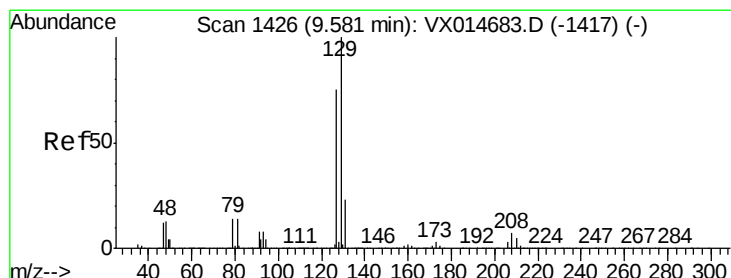
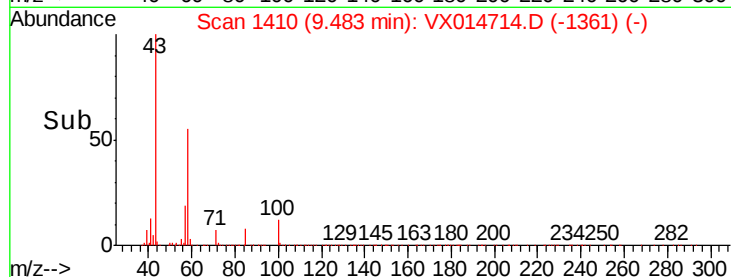
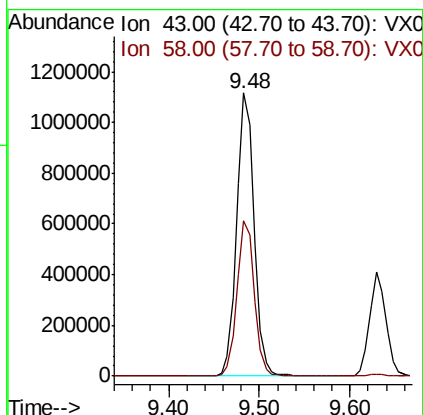
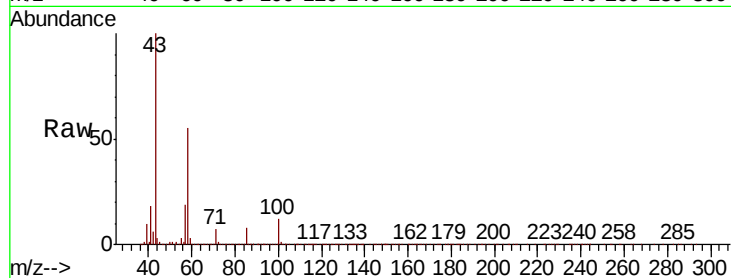




#59
2-Hexanone
Concen: 250.315 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

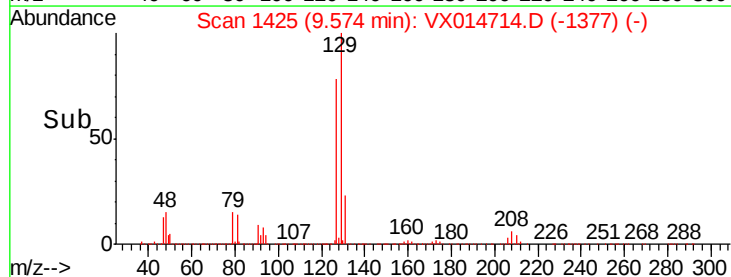
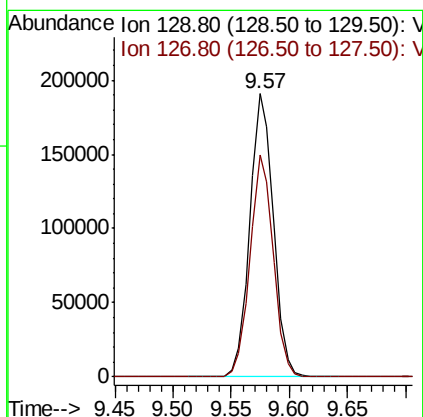
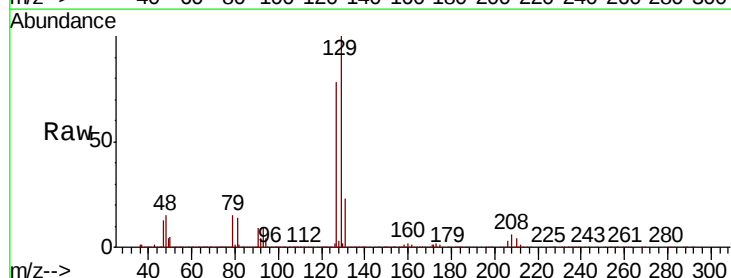
Instrument :
MSVOA_X
ClientSampleId :

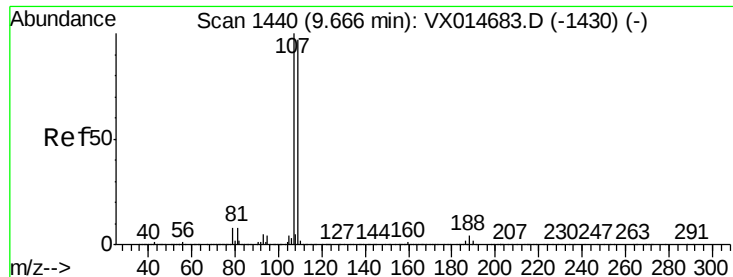
Tot Ion: 43 Resp: 1484134
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 51.540 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:129 Resp: 270020
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.895 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

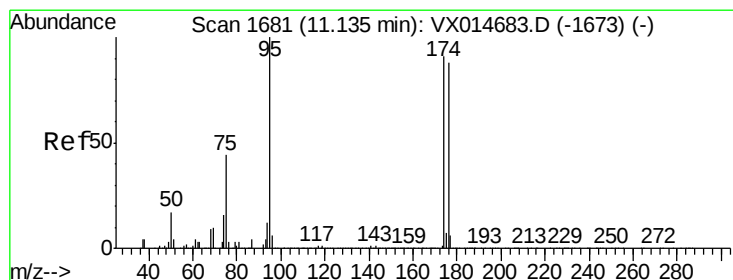
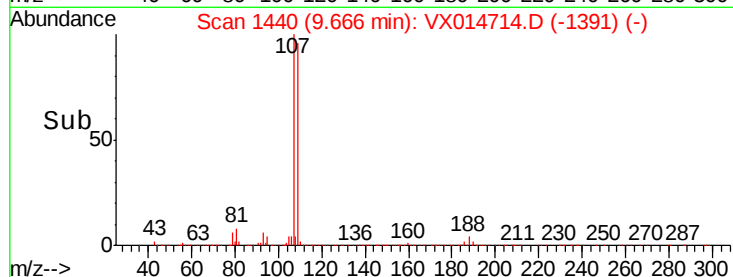
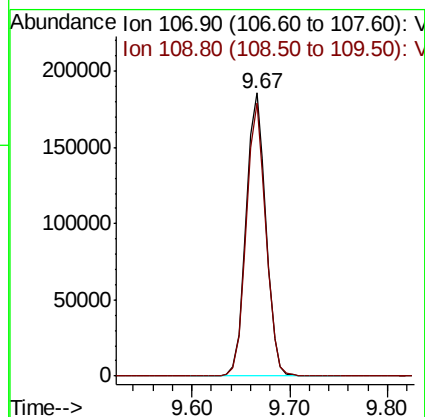
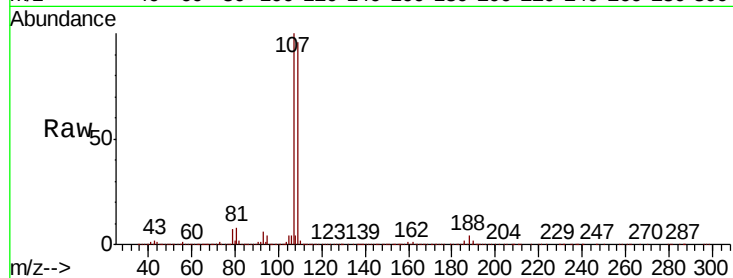
ClientSampleId :

Tot Ion: 107 Resp: 259479

Ion Ratio Lower Upper

107 100

109 95.5 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 45.384 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

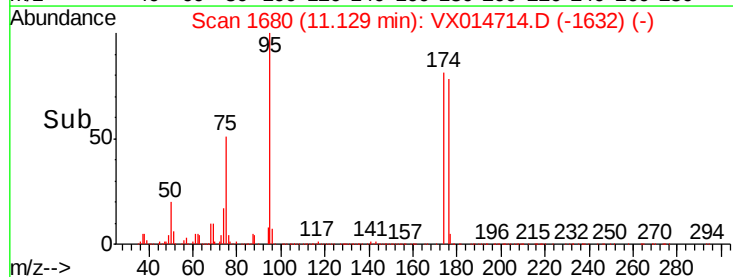
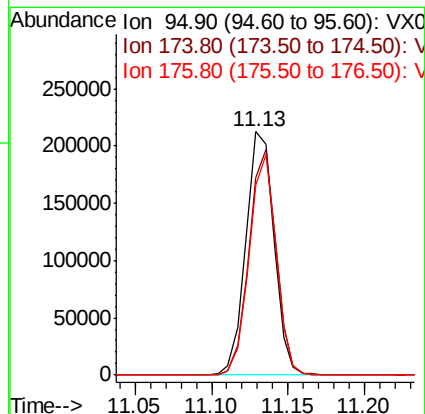
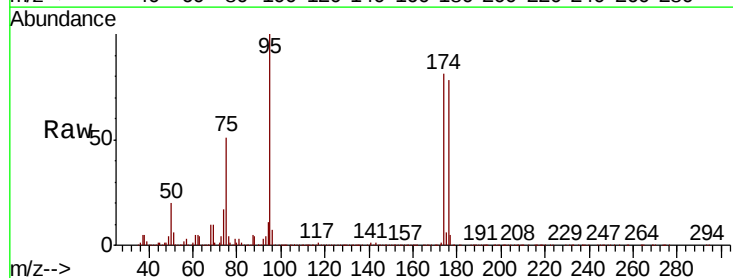
Tgt Ion: 95 Resp: 272425

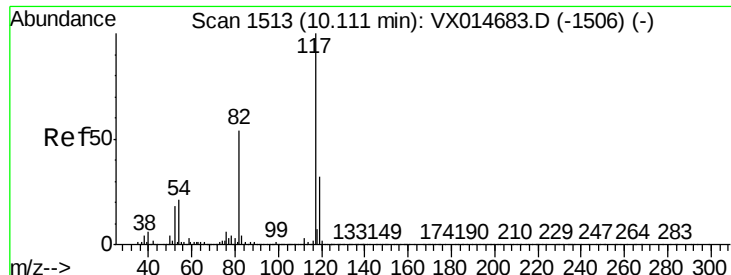
Ion Ratio Lower Upper

95 100

174 89.2 0.0 176.0

176 86.8 0.0 172.2

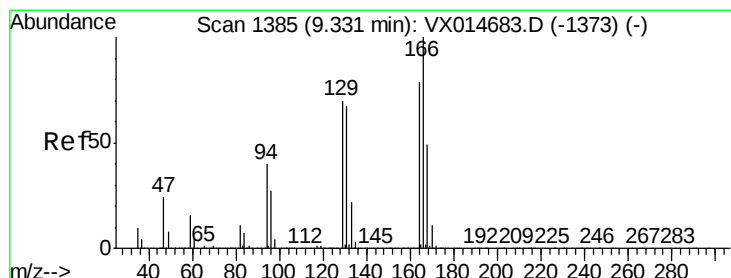
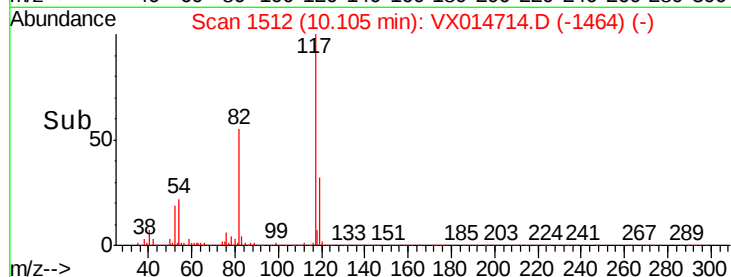
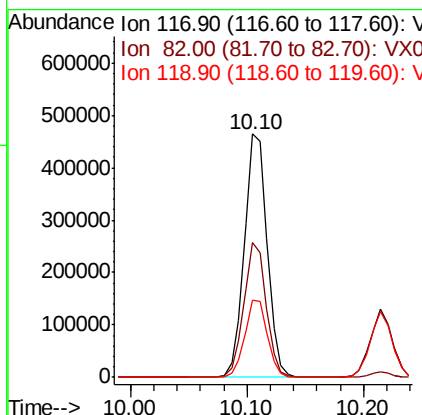
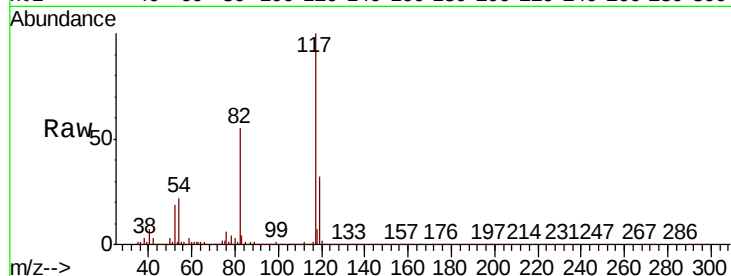




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

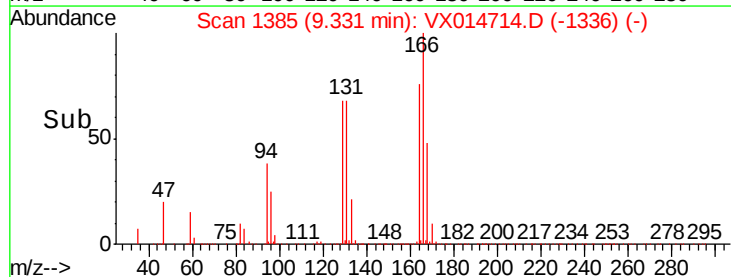
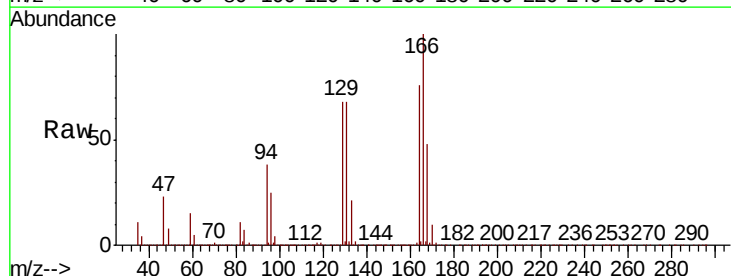
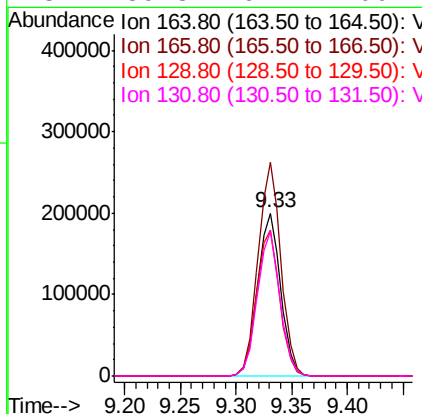
Instrument :
MSVOA_X
ClientSampleId :

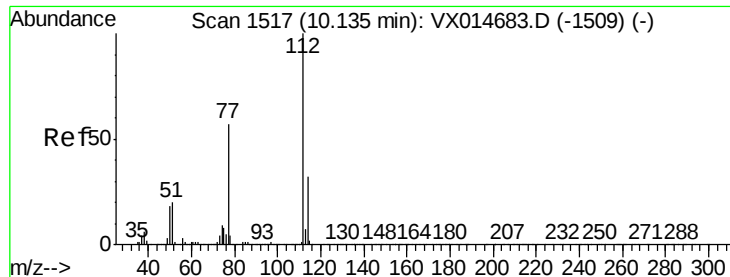
Tot Ion:117 Resp: 637221
Ion Ratio Lower Upper
117 100
82 55.2 43.2 64.8
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 45.783 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:164 Resp: 288782
Ion Ratio Lower Upper
164 100
166 131.3 100.9 151.3
129 89.8 71.0 106.6
131 89.3 67.1 100.7

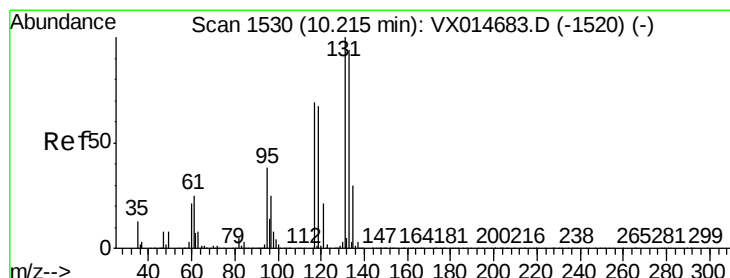
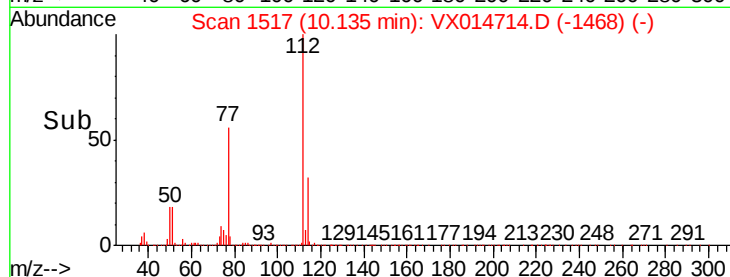
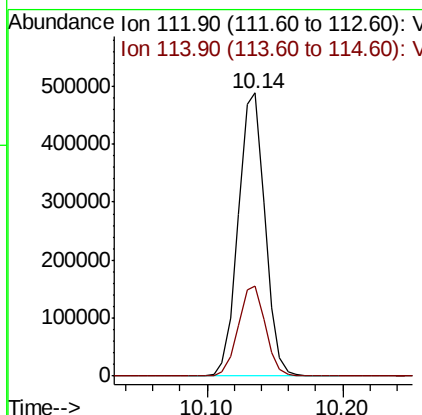
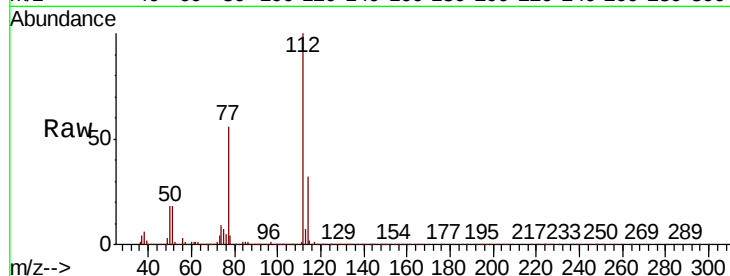




#65
Chlorobenzene
Concen: 48.942 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

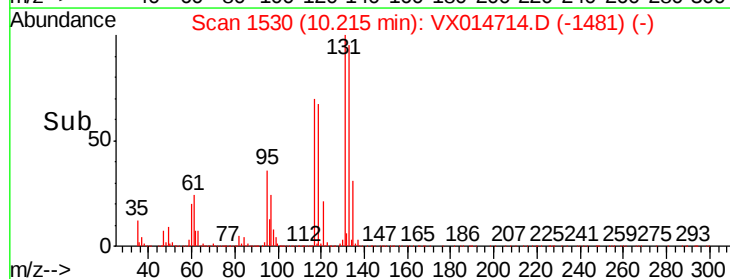
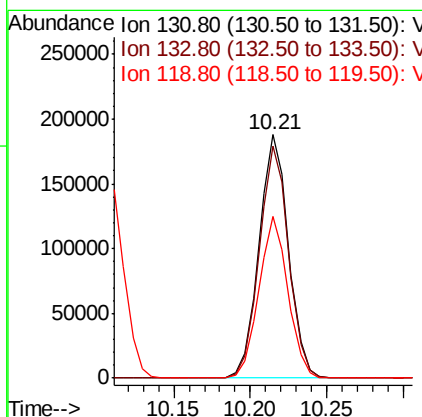
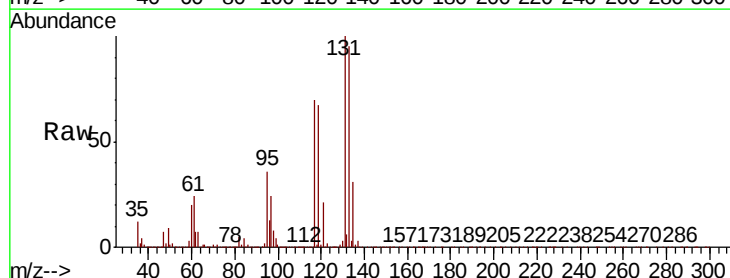
Instrument :
MSVOA_X
ClientSampled :

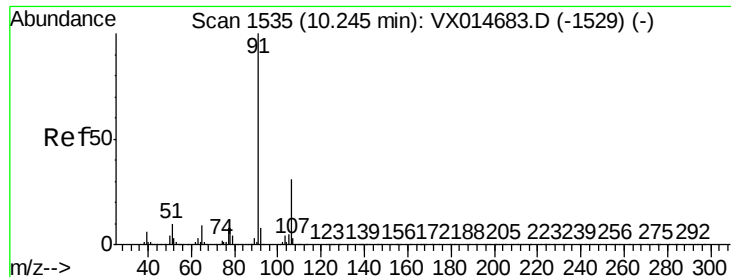
Tot Ion:112 Resp: 667074
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.079 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:131 Resp: 251664
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 65.6 33.3 99.8

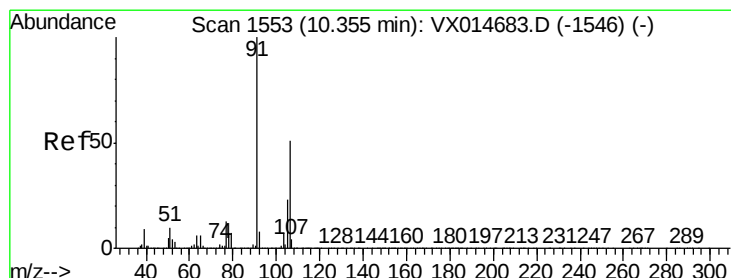
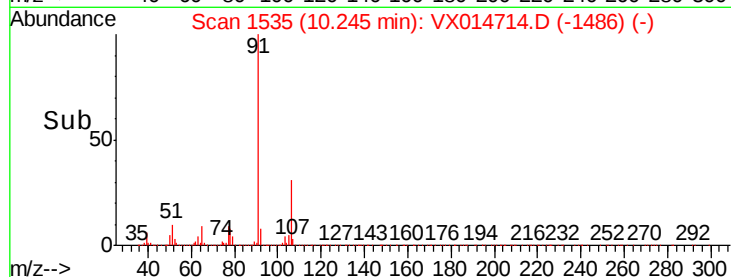
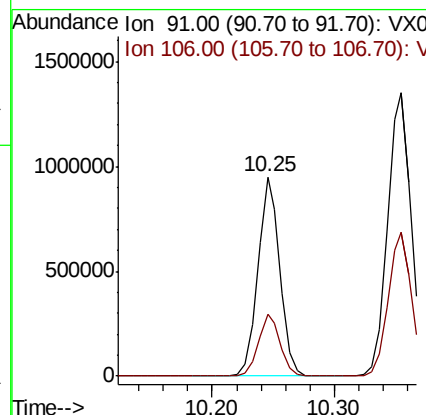
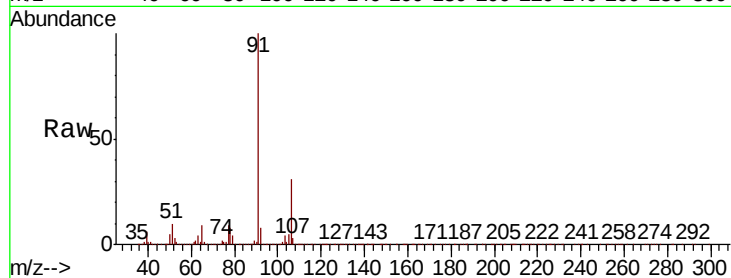




#67
Ethyl Benzene
Concen: 50.896 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

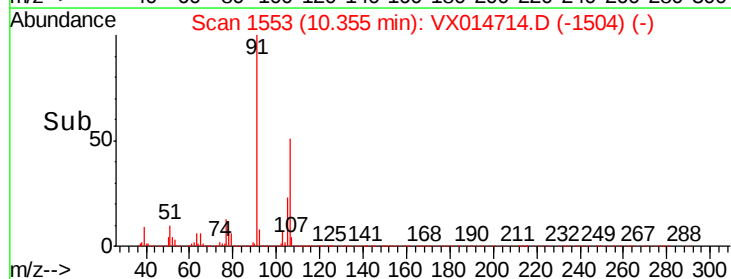
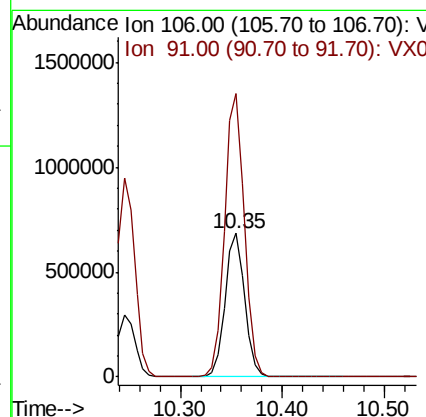
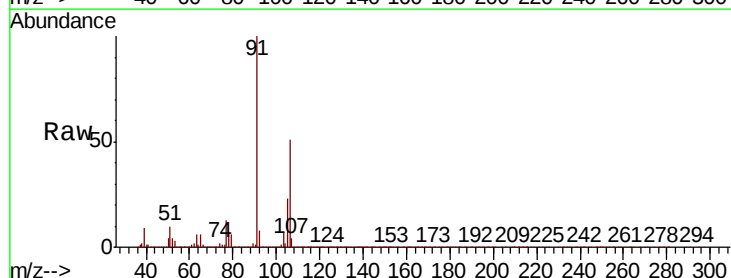
Instrument :
MSVOA_X
ClientSampleId :

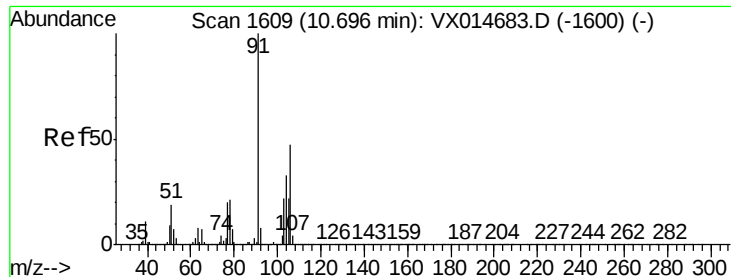
Tot Ion: 91 Resp: 1184500
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 103.742 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 106 Resp: 914669
Ion Ratio Lower Upper
106 100
91 199.4 159.4 239.2

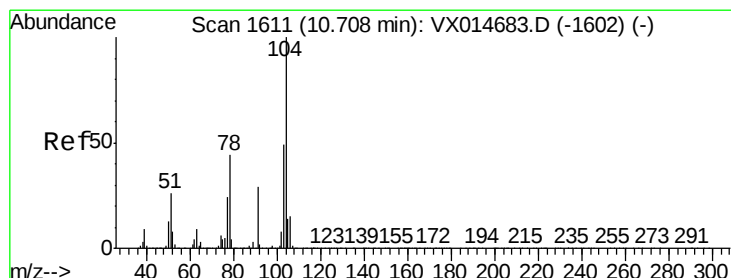
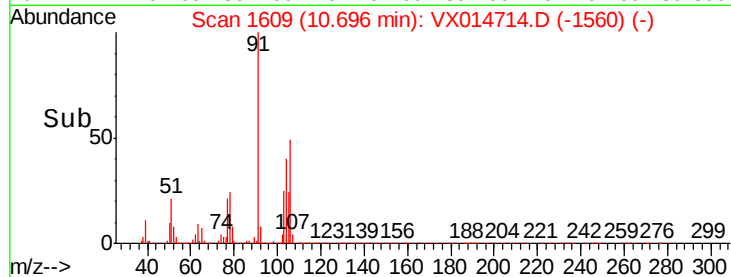
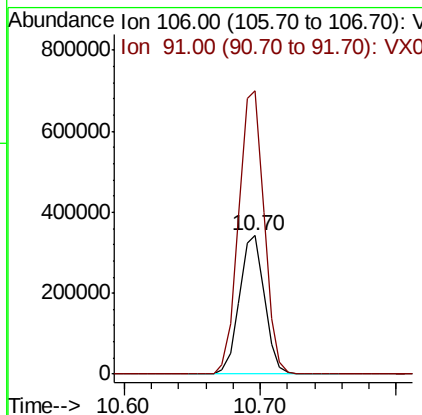
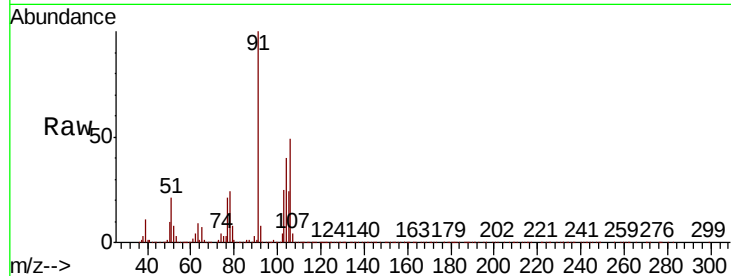




#69
o-Xylene
Concen: 51.461 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

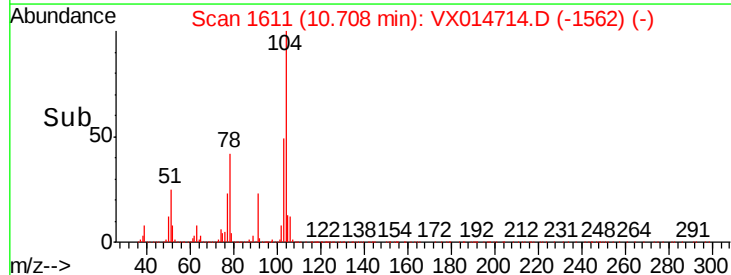
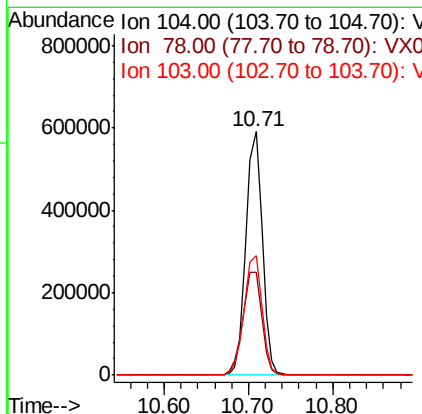
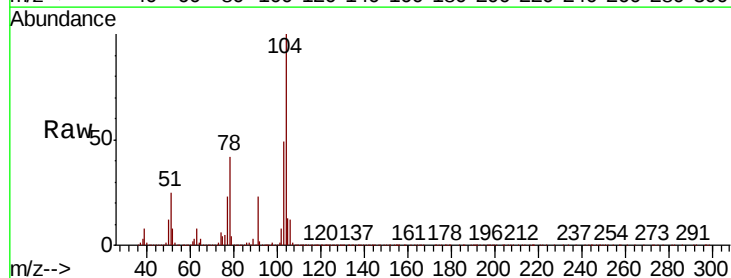
Instrument :
MSVOA_X
ClientSampleId :

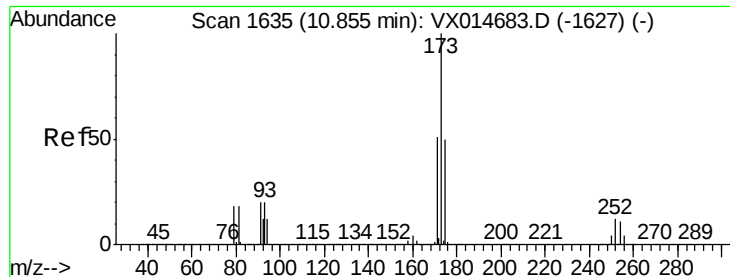
Tot Ion:106 Resp: 438020
Ion Ratio Lower Upper
106 100
91 209.1 106.2 318.6



#70
Styrene
Concen: 53.600 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:104 Resp: 765308
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 53.9 43.5 65.3





#71

Bromoform

Concen: 51.839 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

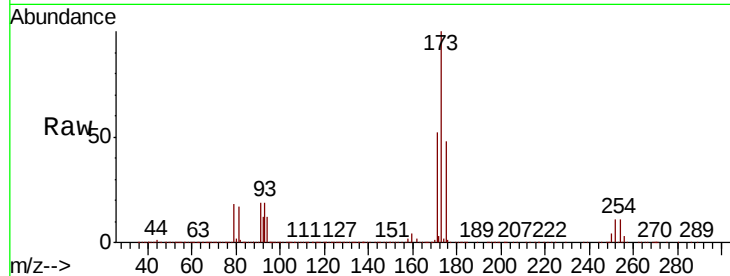
Tot Ion:173 Resp: 207171

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.6

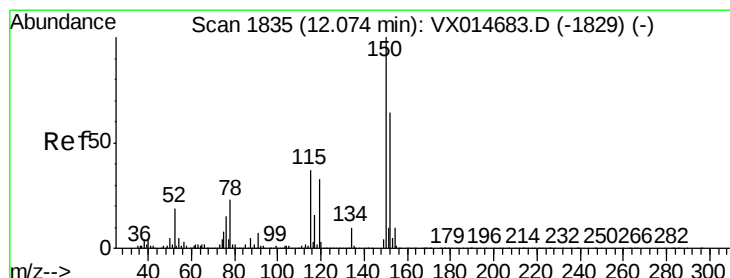
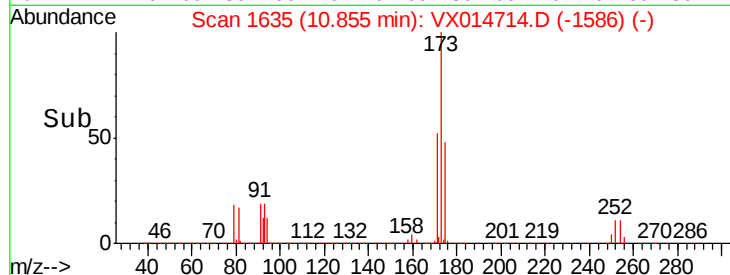
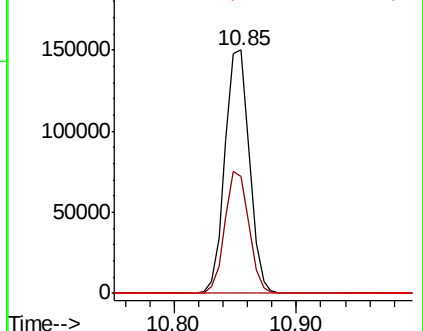
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

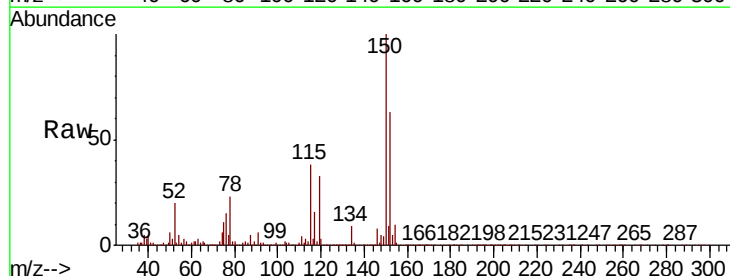
Tgt Ion:152 Resp: 321332

Ion Ratio Lower Upper

152 100

115 80.9 39.4 118.1

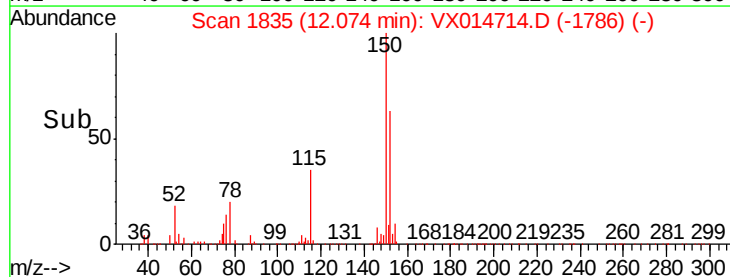
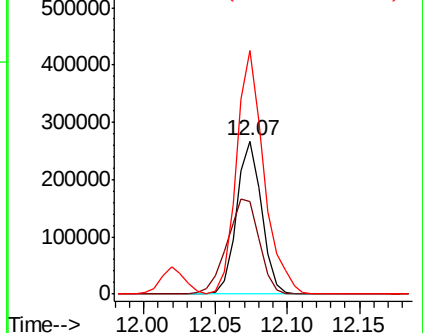
150 175.9 0.0 351.2

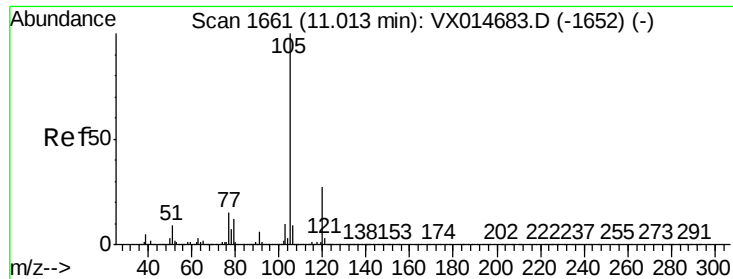


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.367 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

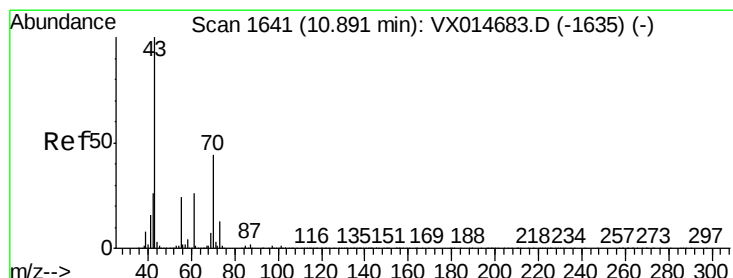
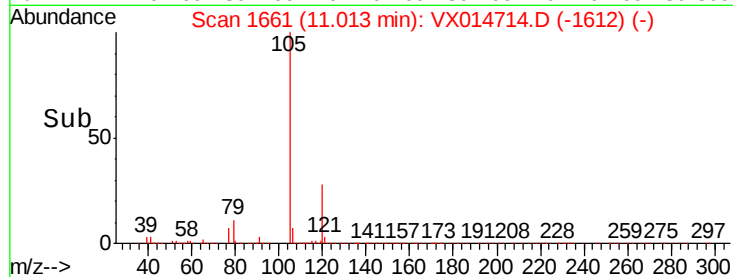
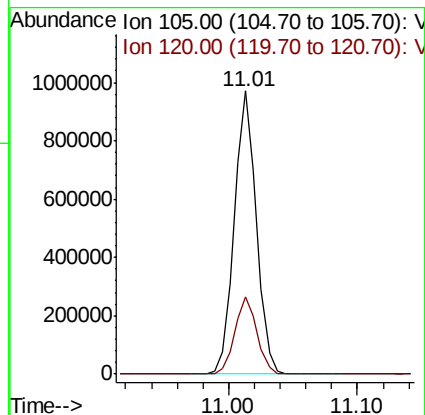
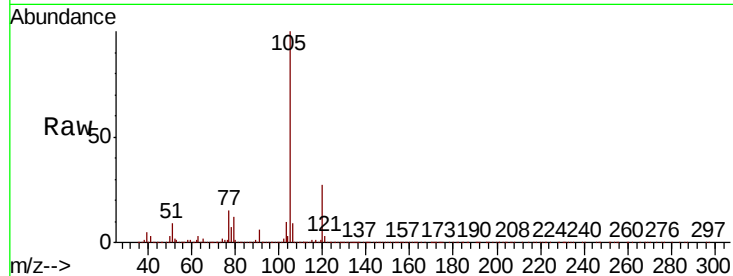
ClientSampleId :

Tot Ion:105 Resp: 1160575

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 51.265 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion: 43 Resp: 507573

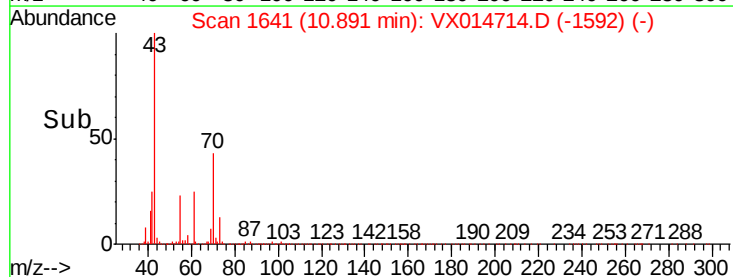
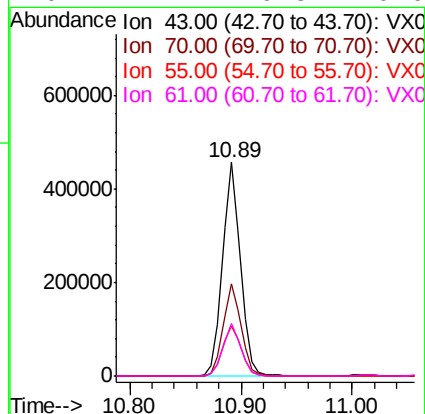
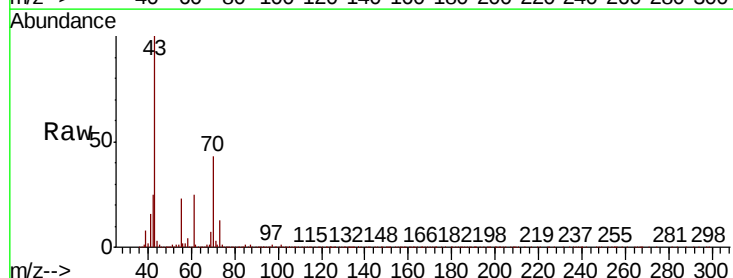
Ion Ratio Lower Upper

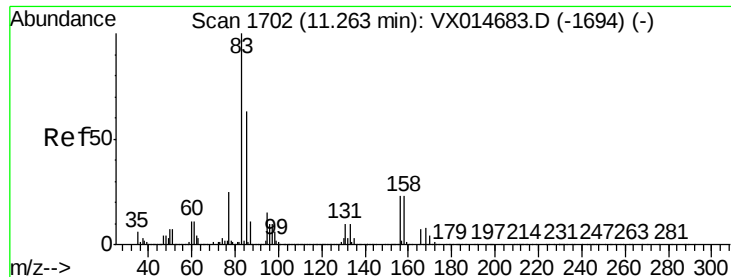
43 100

70 43.4 34.6 52.0

55 24.3 19.4 29.2

61 24.4 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.291 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

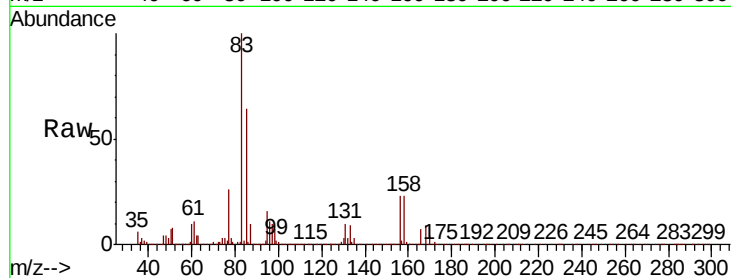
Tot Ion: 83 Resp: 373434

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

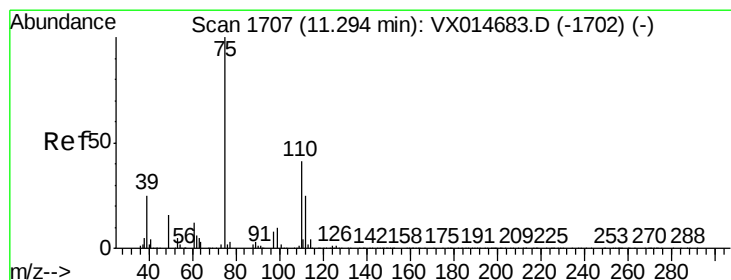
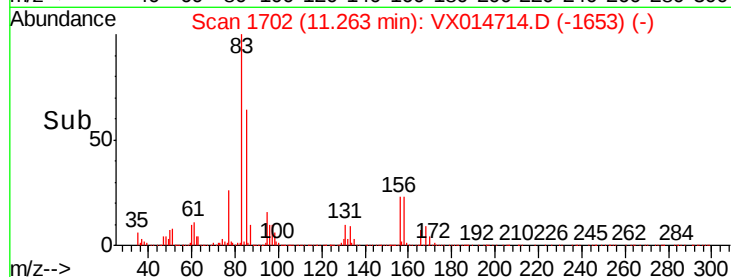
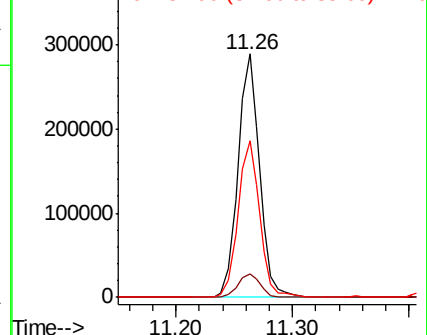
85 64.4 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.484 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014714.D

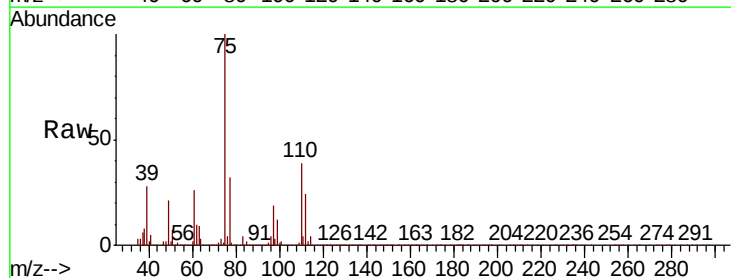
Acq: 27 Jan 2020 09:47

Tgt Ion: 75 Resp: 444702

Ion Ratio Lower Upper

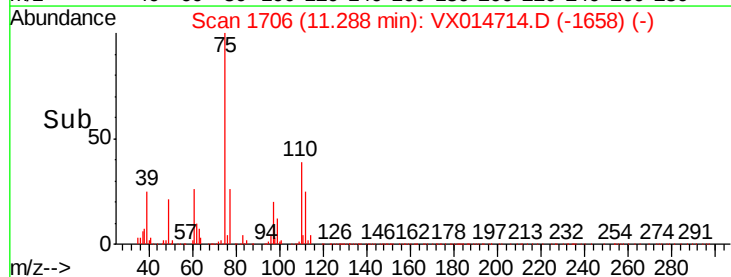
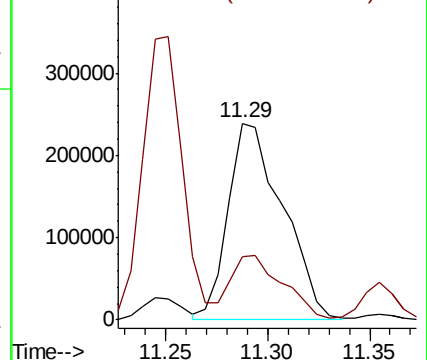
75 100

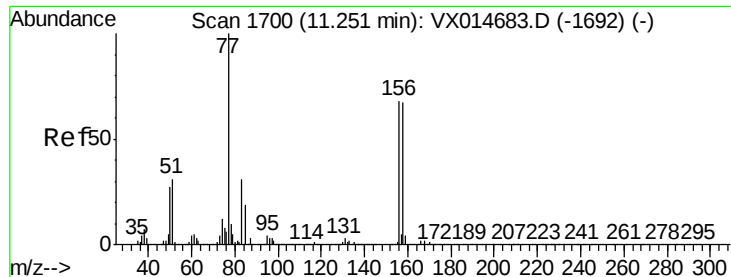
77 30.6 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.497 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

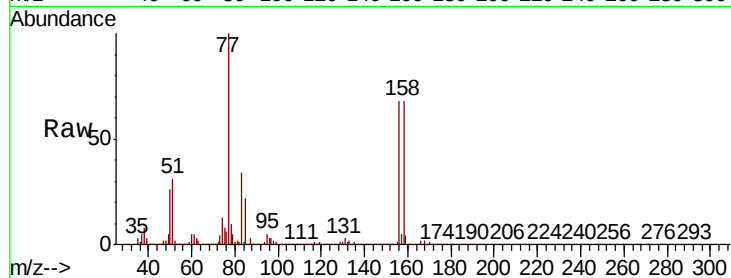
Tot Ion:156 Resp: 300438

Ion Ratio Lower Upper

156 100

77 155.4 77.5 232.5

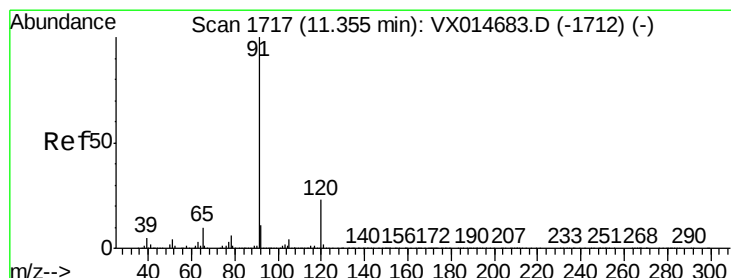
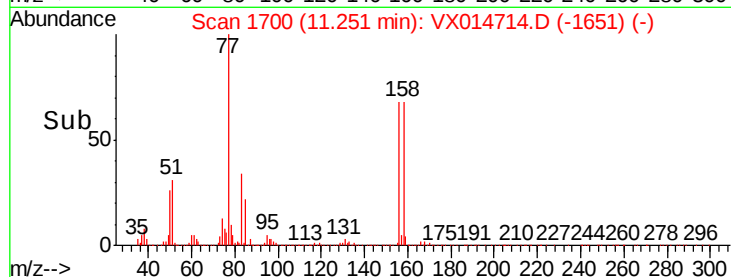
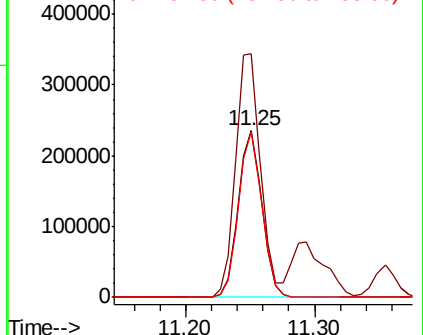
158 98.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.539 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014714.D

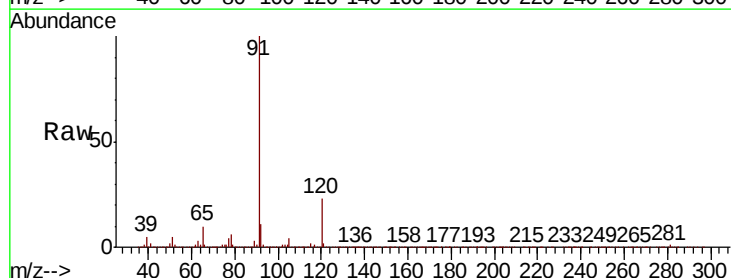
Acq: 27 Jan 2020 09:47

Tgt Ion: 91 Resp: 1347440

Ion Ratio Lower Upper

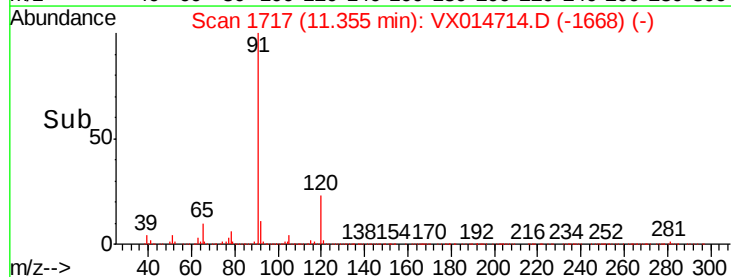
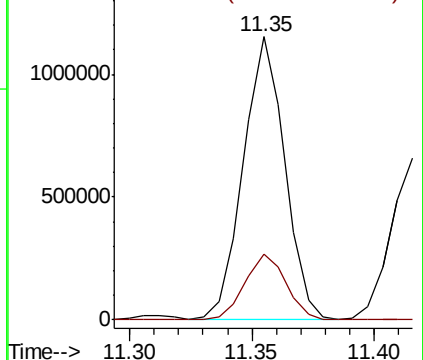
91 100

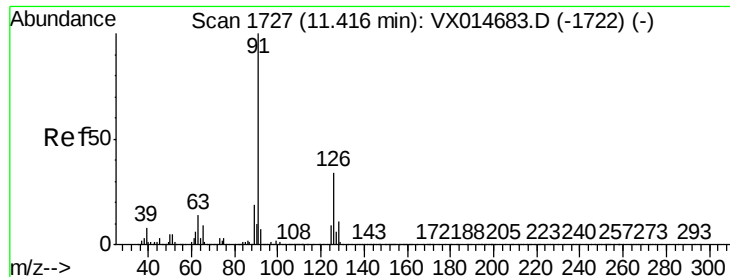
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.749 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

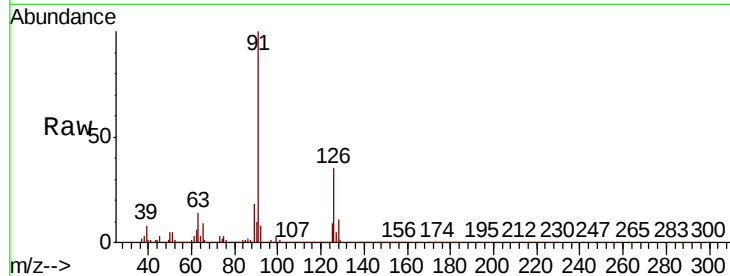
ClientSampleId :

Tot Ion: 91 Resp: 787503

Ion Ratio Lower Upper

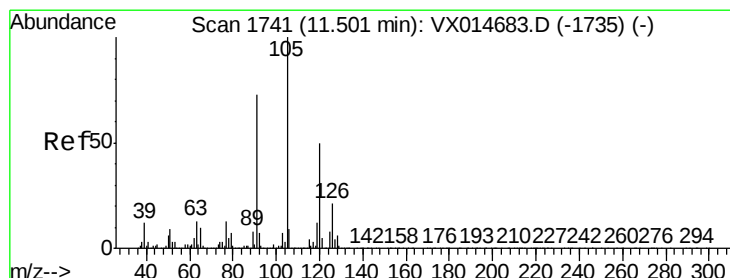
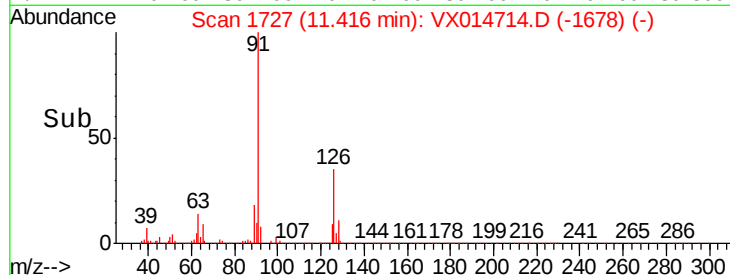
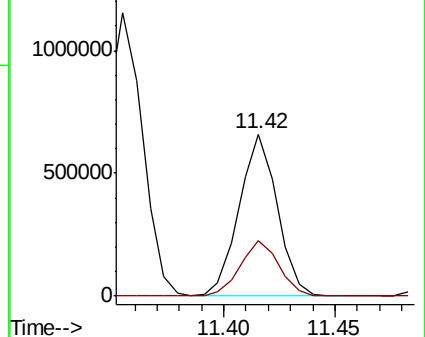
91 100

126 34.7 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014683.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014714.D

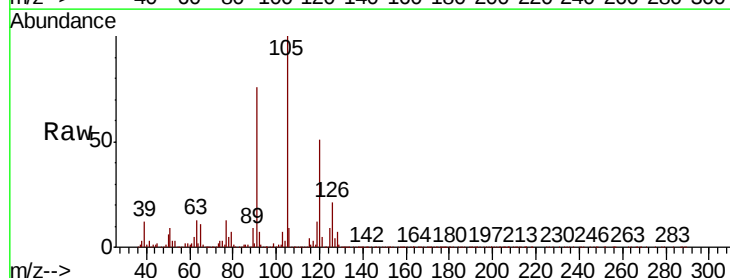
Acq: 27 Jan 2020 09:47

Tgt Ion: 105 Resp: 990177

Ion Ratio Lower Upper

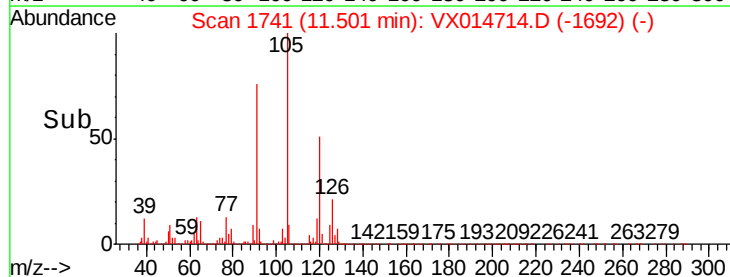
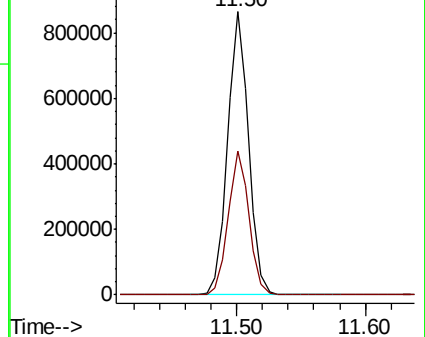
105 100

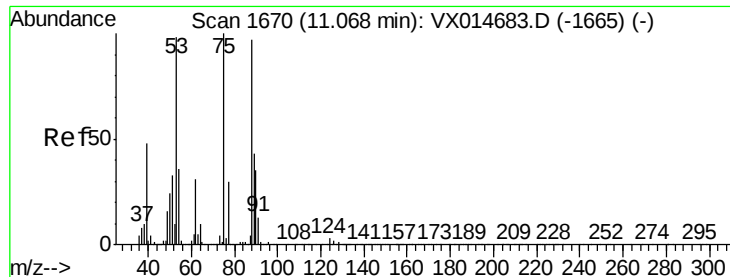
120 50.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX014683.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014683.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.631 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

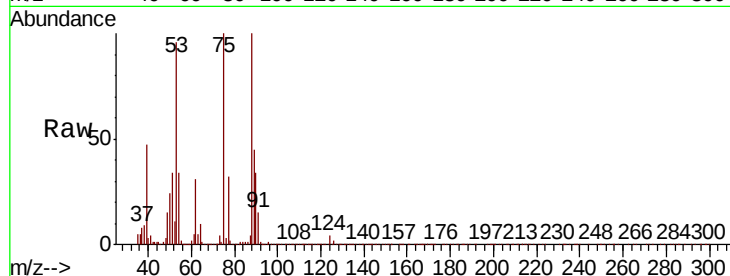
Tot Ion: 75 Resp: 133010

Ion Ratio Lower Upper

75 100

53 96.4 78.8 118.2

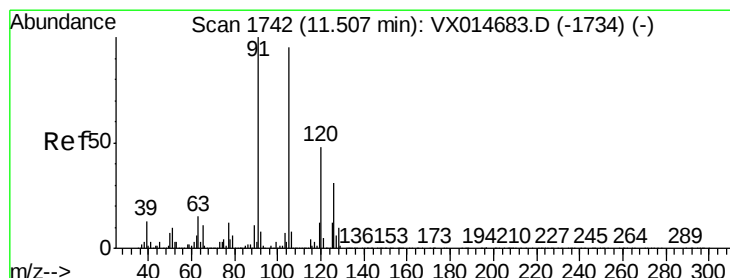
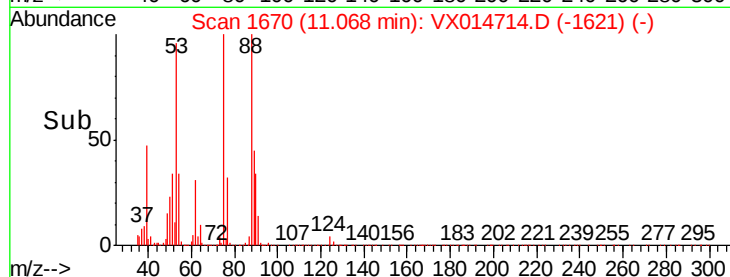
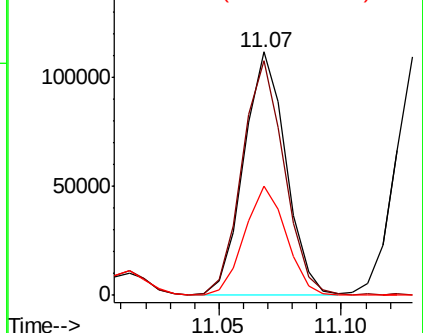
89 45.2 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.107 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014714.D

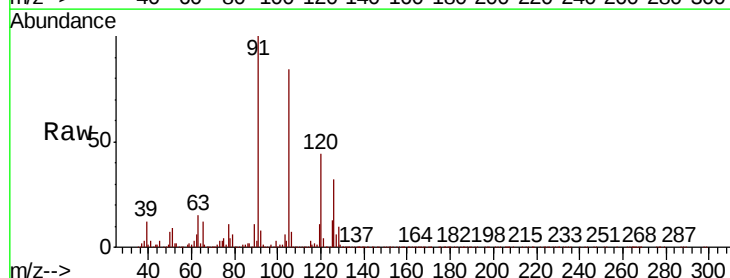
Acq: 27 Jan 2020 09:47

Tgt Ion: 91 Resp: 920525

Ion Ratio Lower Upper

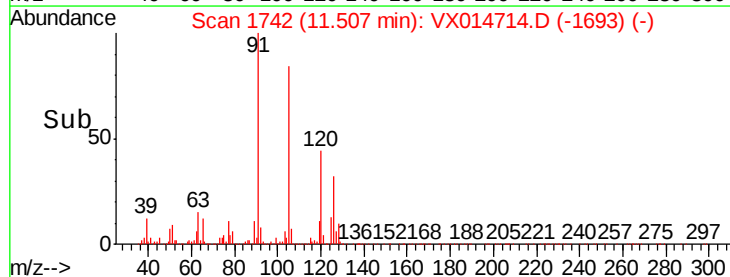
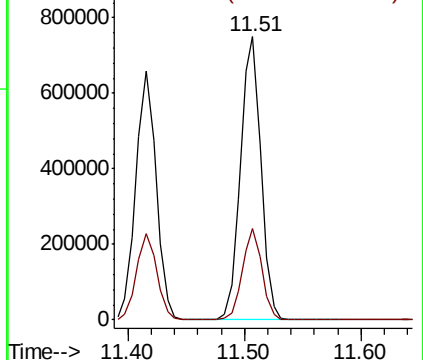
91 100

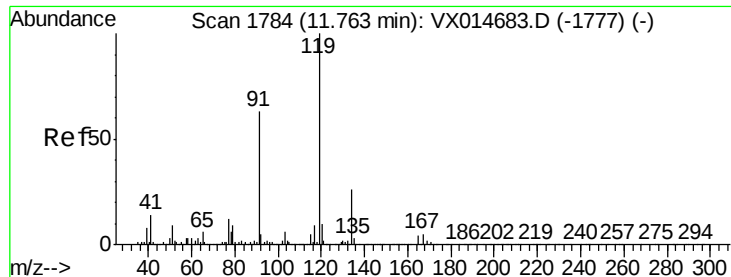
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

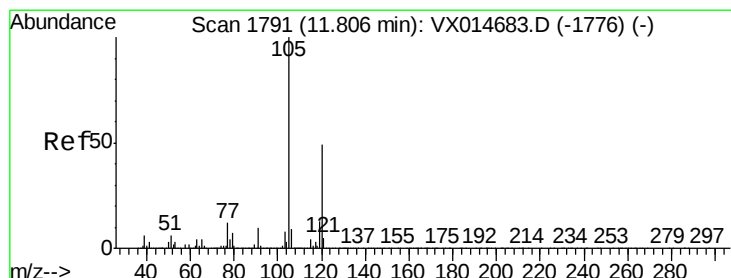
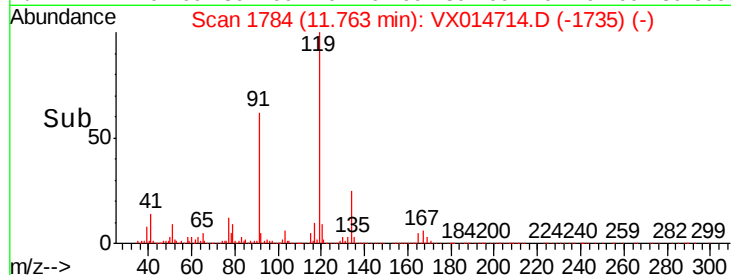
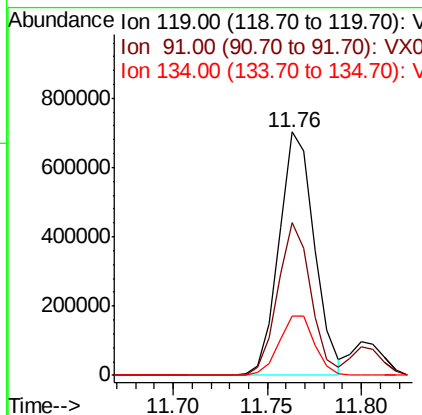
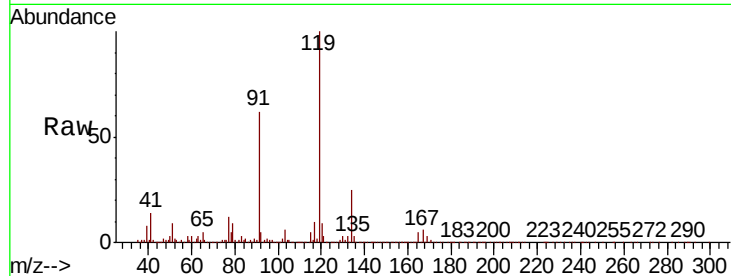




#83
tert-Butylbenzene
Concen: 51.810 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

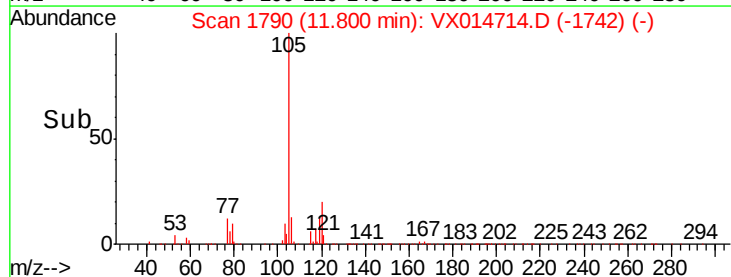
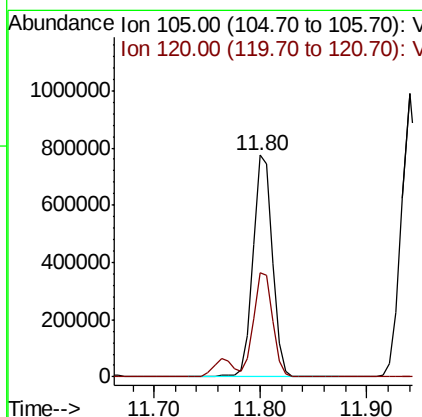
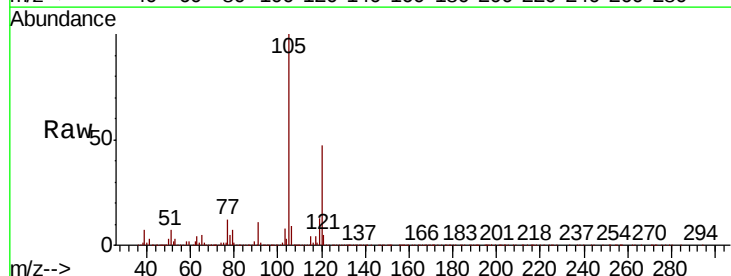
Instrument :
MSVOA_X
ClientSampleId :

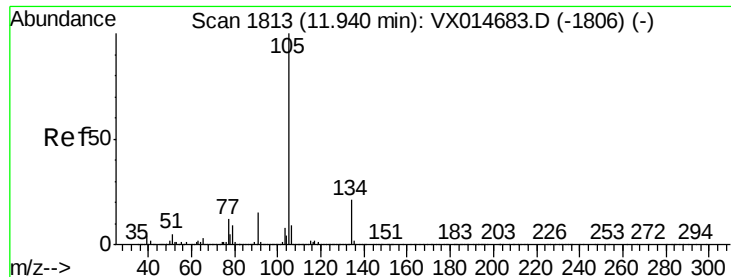
Tot Ion:119 Resp: 912945
Ion Ratio Lower Upper
119 100
91 58.8 30.0 90.0
134 24.6 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 52.502 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:105 Resp: 987520
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.358 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

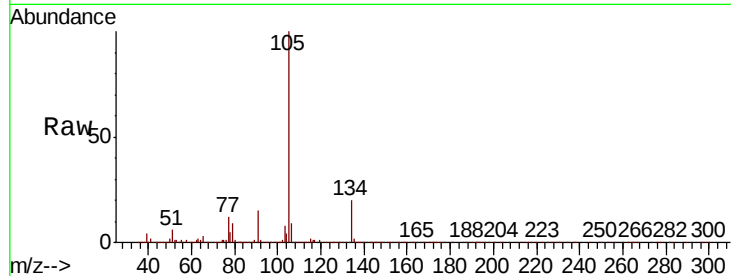
ClientSampleId :

Tot Ion:105 Resp: 1151833

Ion Ratio Lower Upper

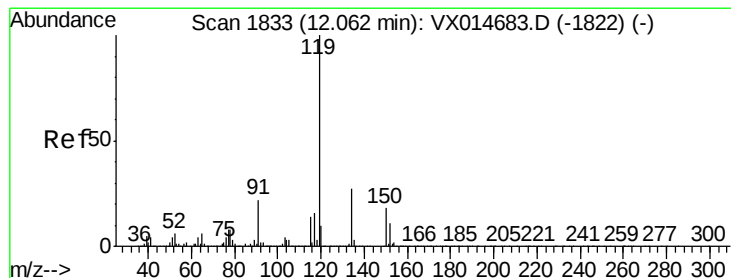
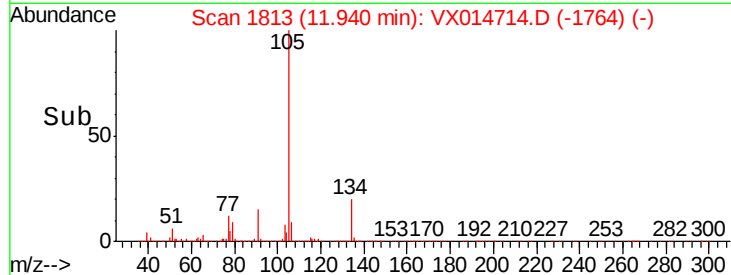
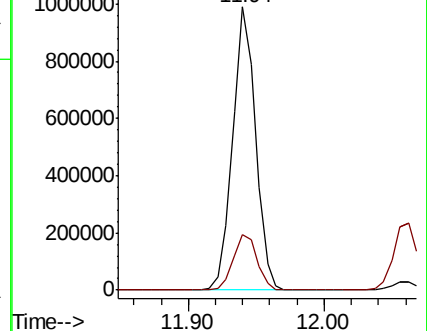
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.529 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

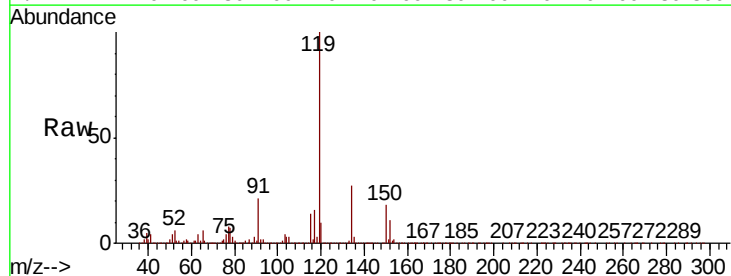
Tgt Ion:119 Resp: 1067866

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

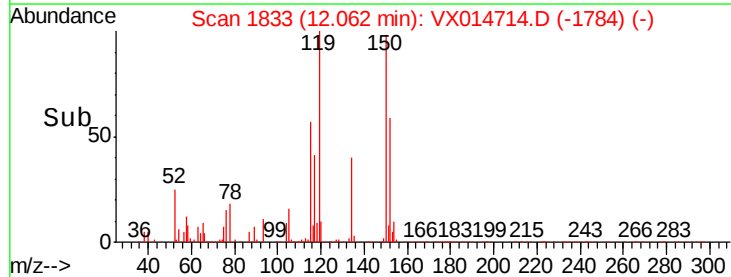
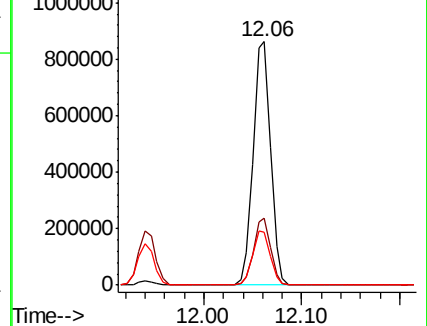
91 22.5 11.3 33.8

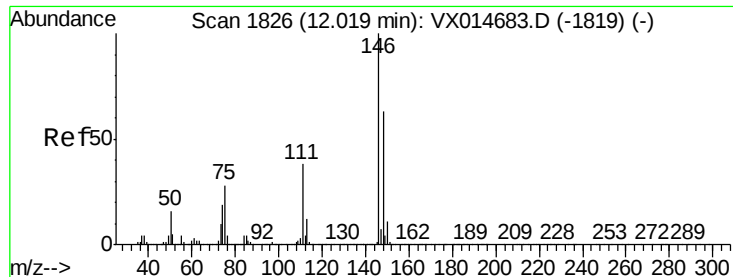


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.562 ug/l

RT: 12.02 min Scan# 1826

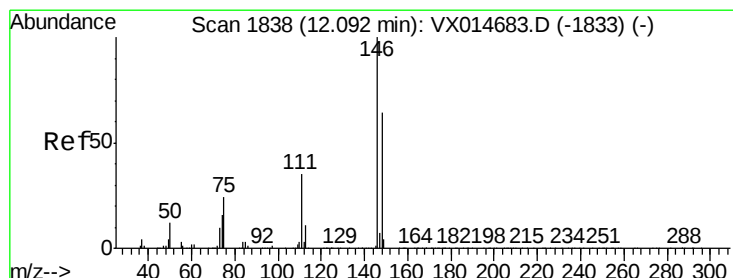
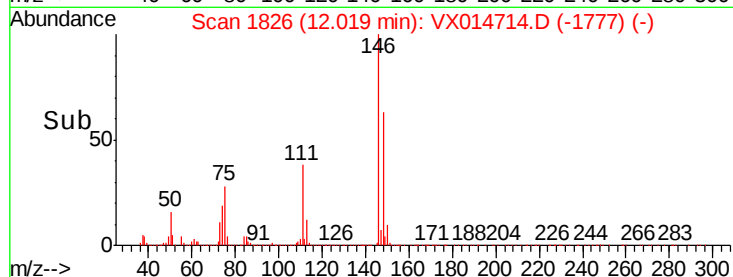
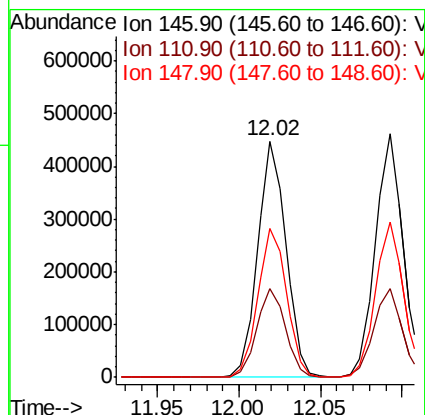
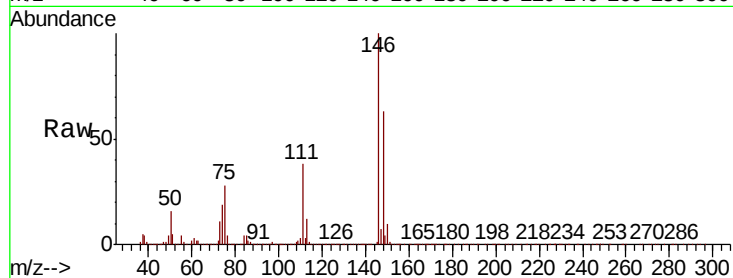
Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.2	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 49.804 ug/l

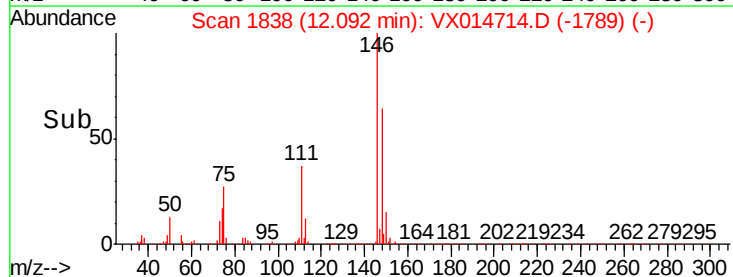
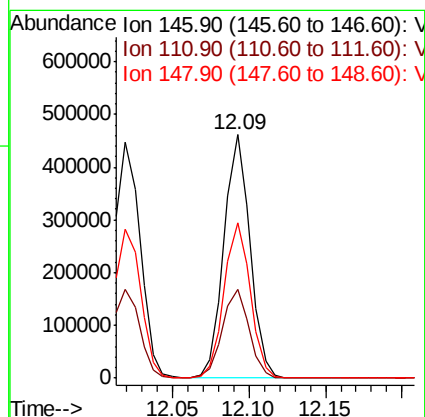
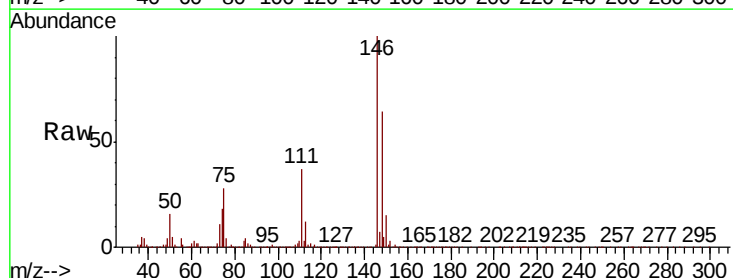
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.3	32.0	96.2

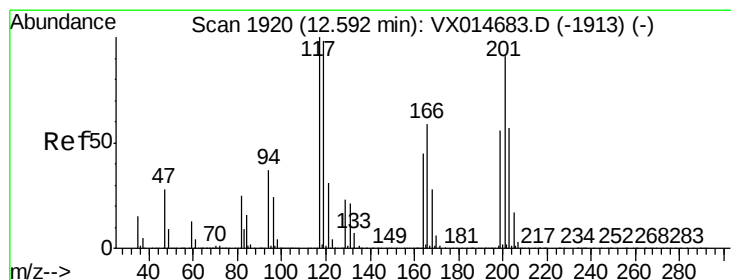
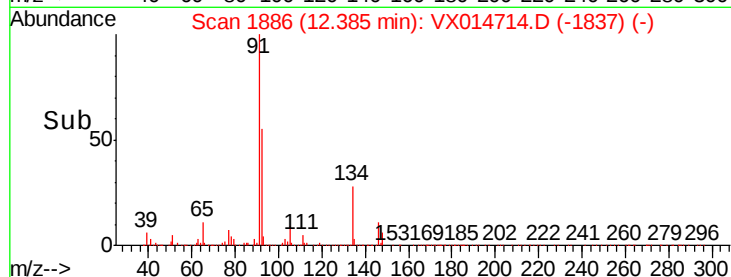
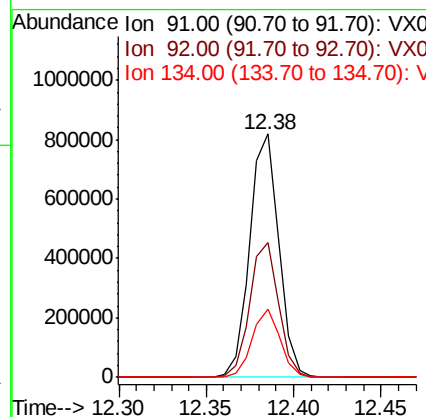
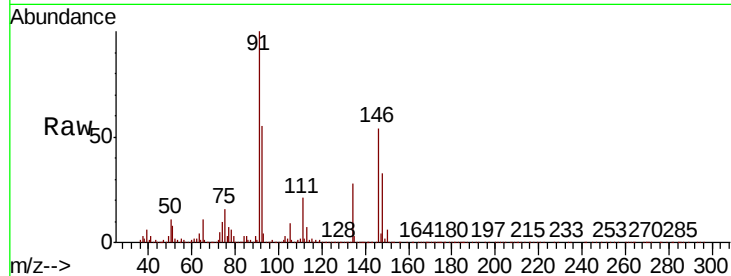




#89
n-Butylbenzene
Concen: 54.507 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

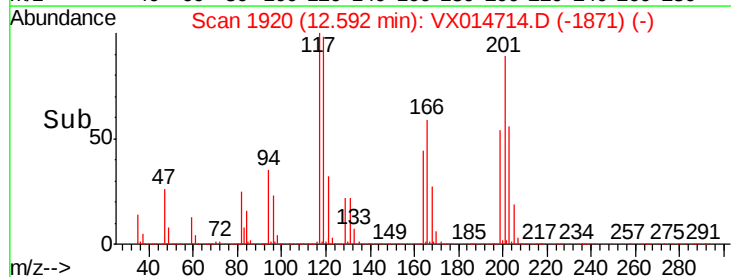
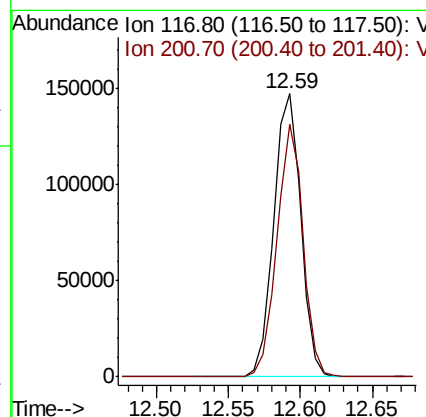
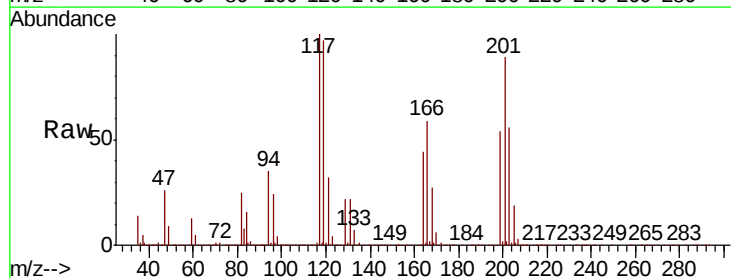
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 947061
Ion Ratio Lower Upper
91 100
92 54.9 27.6 82.7
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 51.655 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 117 Resp: 191406
Ion Ratio Lower Upper
117 100
201 86.6 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 49.730 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

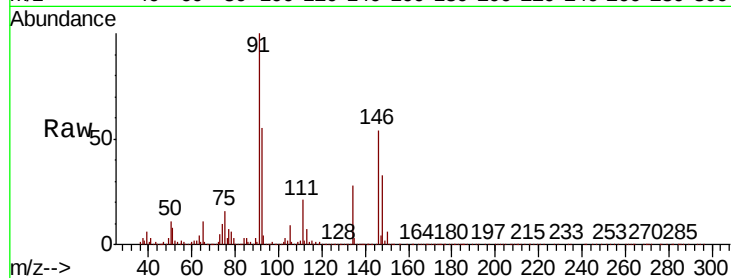
Tot Ion:146 Resp: 538784

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

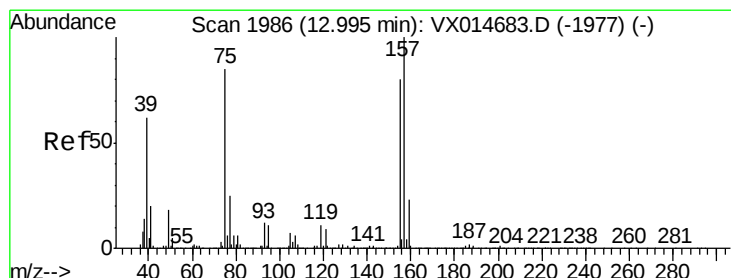
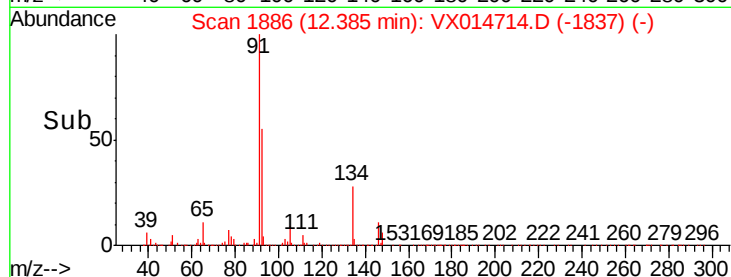
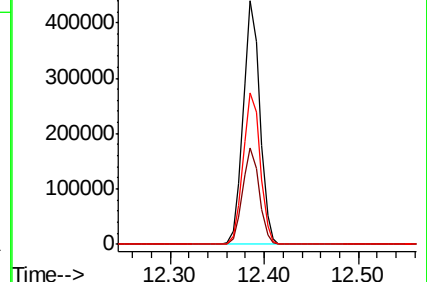
148 63.8 31.9 95.9



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: 45.569 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

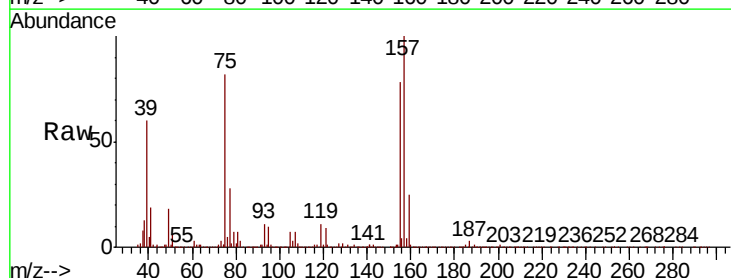
Tgt Ion: 75 Resp: 78981

Ion Ratio Lower Upper

75 100

155 97.4 45.6 136.9

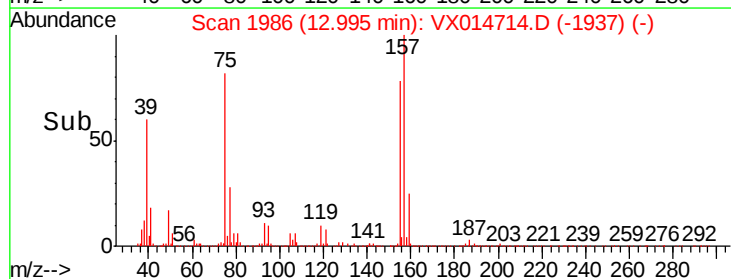
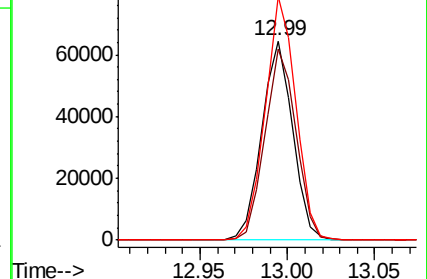
157 121.3 60.3 180.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

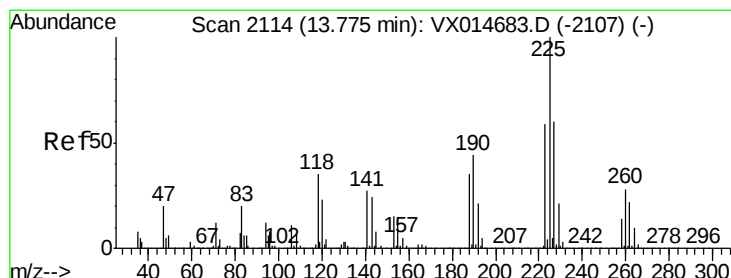
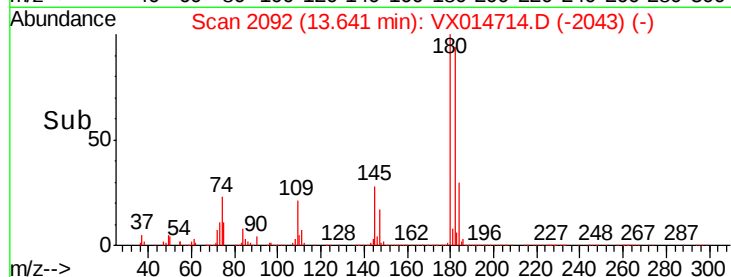
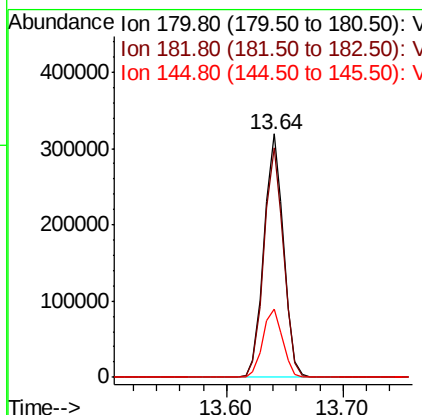
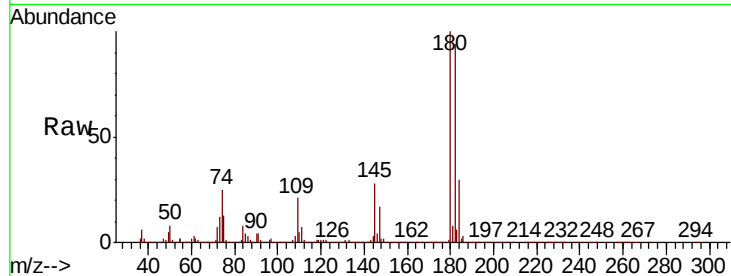




#93
 1,2,4-Trichlorobenzene
 Concen: 53.461 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

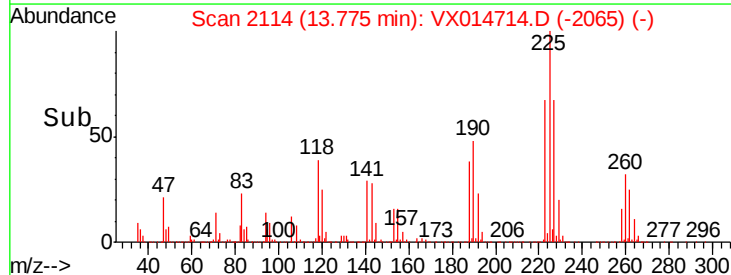
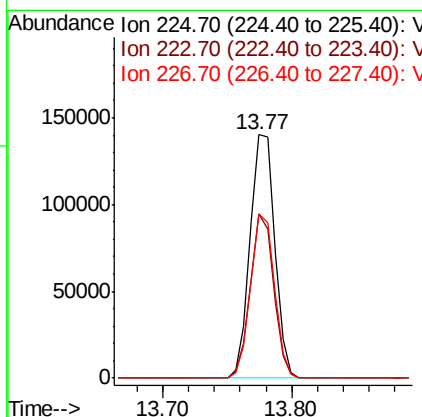
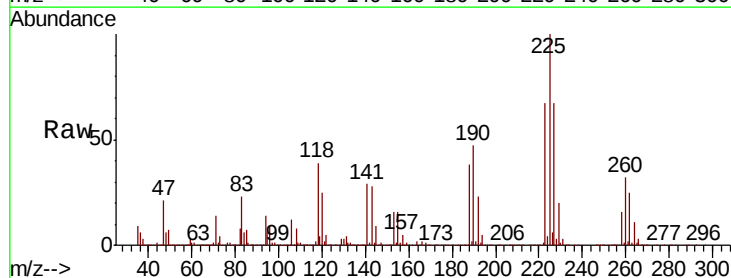
Instrument :
 MSVOA_X
 ClientSampleId :

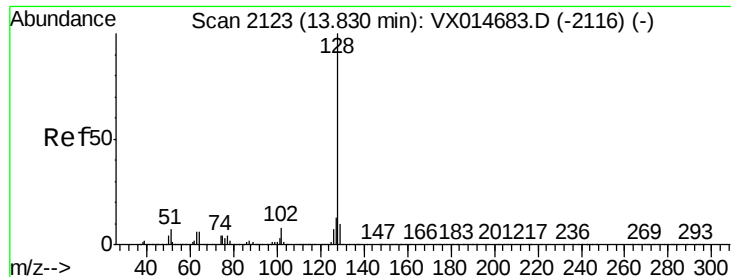
Tot Ion:180 Resp: 373428
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.5 145.6
 145 28.8 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 51.210 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion:225 Resp: 184106
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.6 91.8
 227 65.1 31.4 94.0

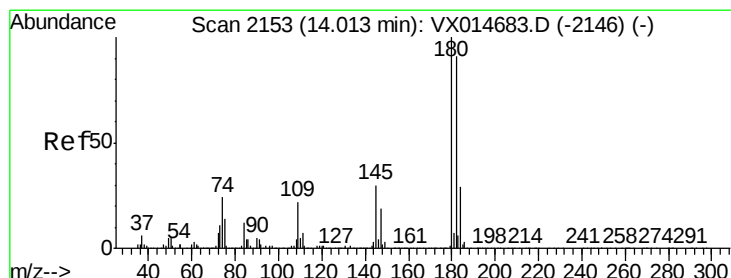
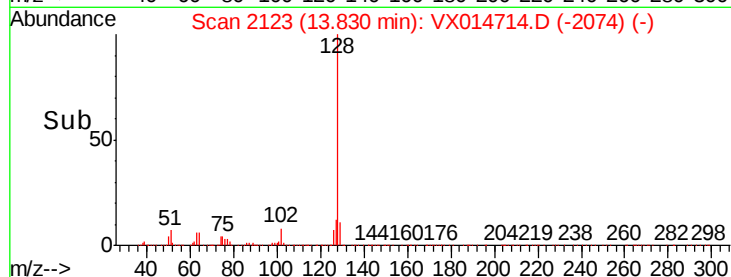
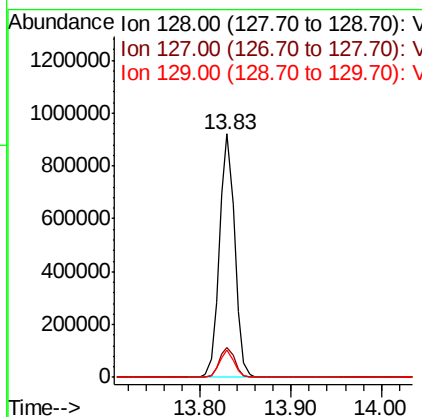
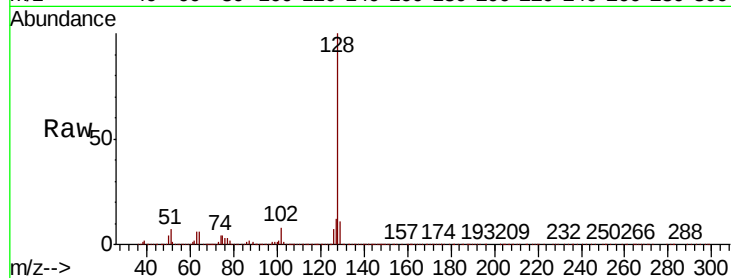




#95
Naphthalene
Concen: 48.093 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1082468
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.559 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion:180 Resp: 378281
Ion Ratio Lower Upper
180 100
182 94.4 46.6 139.7
145 29.4 14.7 44.1

