

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014759.D
 Acq On : 29 Jan 2020 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 29 22:44:53 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	447877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	653581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	238834	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.48	113	199033	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	766144	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	272313	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	290424	48.328	ug/l	99
3) Chloromethane	1.32	50	278886	46.029	ug/l	98
4) Vinyl Chloride	1.40	62	329181	50.248	ug/l	99
5) Bromomethane	1.63	94	205389	46.157	ug/l	100
6) Chloroethane	1.72	64	180208	48.025	ug/l	98
7) Trichlorofluoromethane	1.92	101	369074	48.384	ug/l	99
8) Diethyl Ether	2.18	74	155138	46.595	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222792	49.752	ug/l	99
10) Methyl Iodide	2.50	142	291566	49.621	ug/l	99
11) Tert butyl alcohol	3.03	59	225919	192.399	ug/l	100
12) 1,1-Dichloroethene	2.37	96	216888	48.714	ug/l	97
13) Acrolein	2.28	56	255245	275.688	ug/l	99
14) Allyl chloride	2.72	41	385886	48.219	ug/l	99
15) Acrylonitrile	3.13	53	616791	227.022	ug/l	100
16) Acetone	2.43	43	631026	220.159	ug/l	100
17) Carbon Disulfide	2.56	76	563726	46.326	ug/l	100
18) Methyl Acetate	2.76	43	373448	45.642	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	718510	49.270	ug/l	99
20) Methylene Chloride	2.84	84	243159	45.843	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	230916	47.104	ug/l	98
22) Diisopropyl ether	3.84	45	788434	49.519	ug/l	94
23) Vinyl Acetate	3.80	43	3069354	252.891	ug/l	99
24) 1,1-Dichloroethane	3.69	63	419380	48.502	ug/l	99
25) 2-Butanone	4.65	43	916318	223.115	ug/l	100
26) 2,2-Dichloropropane	4.57	77	352927	50.993	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	266560	48.584	ug/l	98
28) Bromochloromethane	5.00	49	169323	44.563	ug/l	97
29) Tetrahydrofuran	5.11	42	539055	221.147	ug/l	99
30) Chloroform	5.20	83	408948	47.743	ug/l	99
31) Cyclohexane	5.57	56	396223	48.720	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357900	49.432	ug/l	98
36) 1,1-Dichloropropene	5.79	75	318413	52.431	ug/l	98
37) Ethyl Acetate	4.81	43	335291	48.204	ug/l	99
38) Carbon Tetrachloride	5.77	117	305879	52.737	ug/l	98

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 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)
39) Methylcyclohexane	7.45	83	410153	53.910	ug/l	96
40) Benzene	6.13	78	959885	51.154	ug/l	99
41) Methacrylonitrile	5.02	41	187093	47.133	ug/l	98
42) 1,2-Dichloroethane	6.18	62	330817	51.053	ug/l	99
43) Isopropyl Acetate	6.43	43	557615	48.956	ug/l	99
44) Trichloroethene	7.20	130	265441	50.080	ug/l	96
45) 1,2-Dichloropropane	7.50	63	247626	51.224	ug/l	100
46) Dibromomethane	7.65	93	159947	51.087	ug/l	98
47) Bromodichloromethane	7.89	83	328987	53.575	ug/l	98
48) Methyl methacrylate	7.76	41	281766	51.774	ug/l	99
49) 1,4-Dioxane	7.73	88	100061	867.365	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1735091	241.355	ug/l	100
52) Toluene	8.78	92	604426	52.401	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	361859	54.727	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	402830	55.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	245817	52.052	ug/l	99
56) Ethyl methacrylate	9.17	69	385154	48.174	ug/l	100
57) 1,3-Dichloropropane	9.36	76	414746	51.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692681	291.654	ug/l	100
59) 2-Hexanone	9.48	43	1343914	240.908	ug/l	100
60) Dibromochloromethane	9.57	129	264627	53.684	ug/l	100
61) 1,2-Dibromoethane	9.67	107	255475	51.165	ug/l	100
64) Tetrachloroethene	9.33	164	280689	47.070	ug/l	99
65) Chlorobenzene	10.13	112	653774	50.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	248974	52.405	ug/l	99
67) Ethyl Benzene	10.25	91	1180826	53.669	ug/l	100
68) m/p-Xylenes	10.35	106	897989	107.732	ug/l	100
69) o-Xylene	10.69	106	431144	53.578	ug/l	98
70) Styrene	10.71	104	741164	54.907	ug/l	99
71) Bromoform	10.85	173	202355	53.559	ug/l #	99
73) Isopropylbenzene	11.01	105	1152896	52.979	ug/l	100
74) N-amyl acetate	10.89	43	492369	51.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	364045	46.854	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	429747	59.683	ug/l	91
77) Bromobenzene	11.25	156	297543	50.896	ug/l	97
78) n-propylbenzene	11.35	91	1334002	54.005	ug/l	100
79) 2-Chlorotoluene	11.42	91	769010	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	969507	53.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	126055	49.820	ug/l	99
82) 4-Chlorotoluene	11.51	91	898112	52.783	ug/l	100
83) tert-Butylbenzene	11.76	119	927562	54.654	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	974335	53.783	ug/l	98
85) sec-Butylbenzene	11.94	105	1146326	55.135	ug/l	100
86) p-Isopropyltoluene	12.06	119	1056927	55.007	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	531748	50.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534550	50.792	ug/l	100
89) n-Butylbenzene	12.39	91	934327	55.832	ug/l	99
90) Hexachloroethane	12.59	117	186268	52.191	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	531351	50.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76799	46.005	ug/l	96

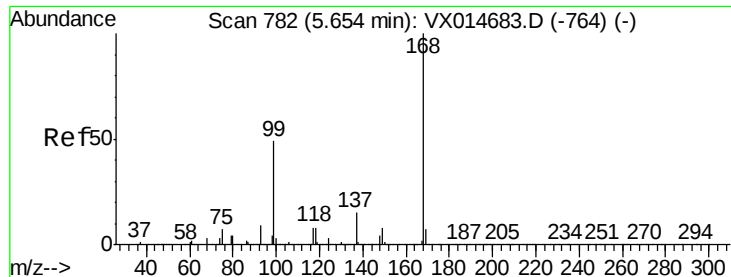
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	371161	55.170	ug/l	98
94) Hexachlorobutadiene	13.78	225	191717	55.367	ug/l	99
95) Naphthalene	13.83	128	1065405	49.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	368635	54.190	ug/l	98

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

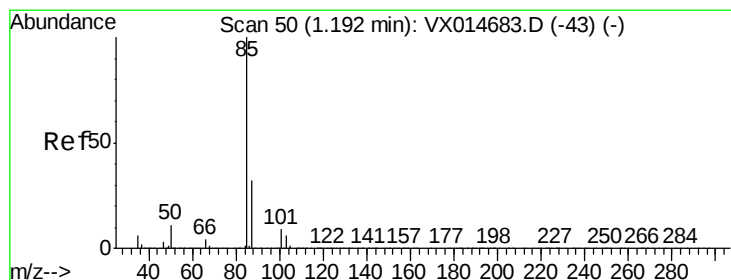
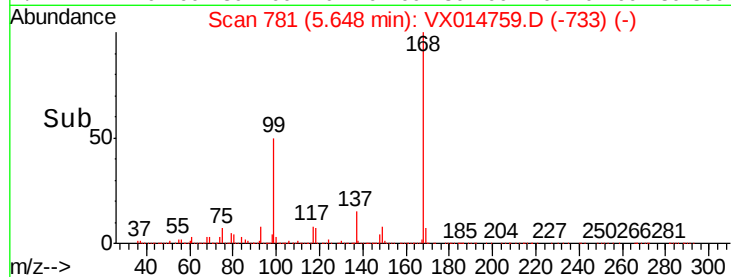
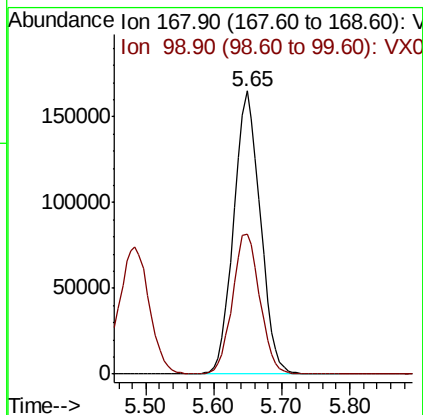
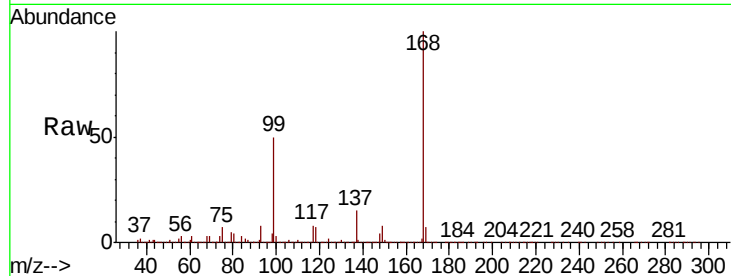


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampled :

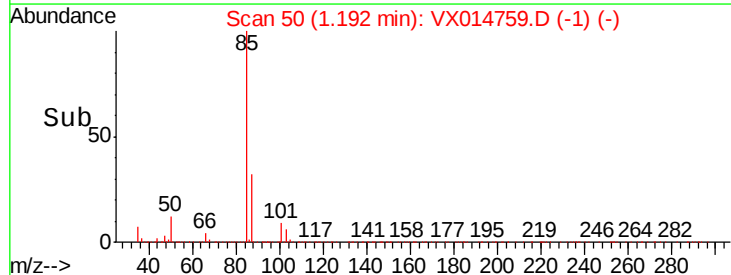
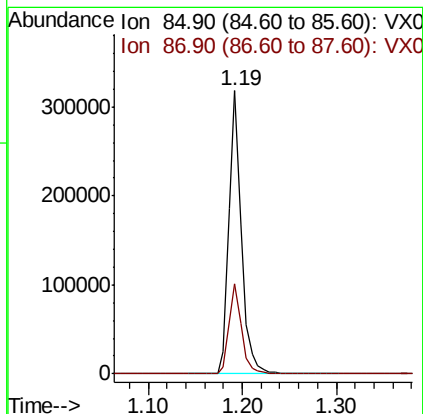
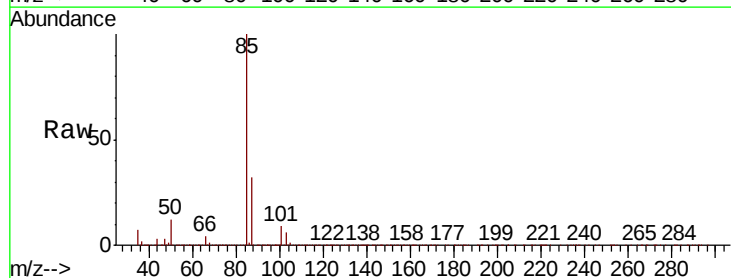
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 Ion Ratio Lower Upper
 168 100
 99 49.5 39.8 59.6

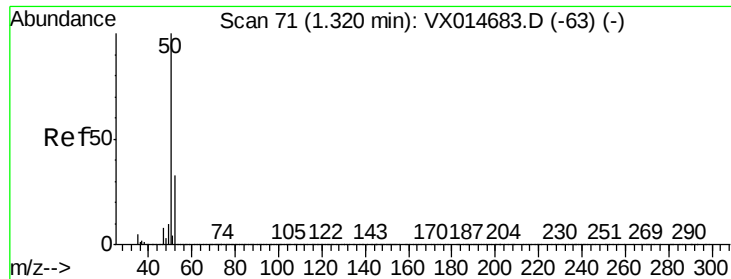


#2

Dichlorodifluoromethane
 Concen: 48.328 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion: 85 Resp: 290424
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.2 48.5

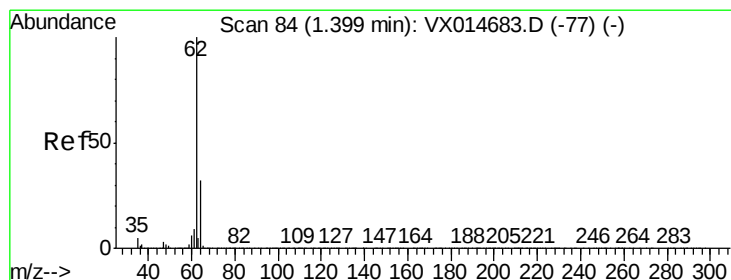
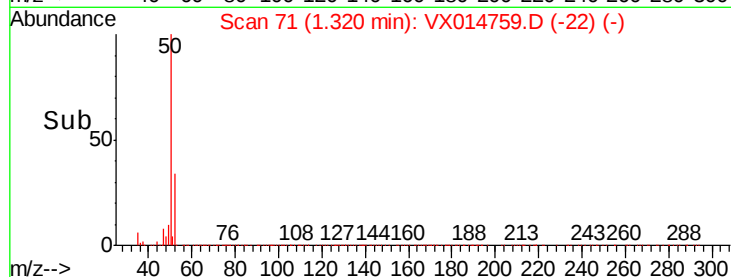
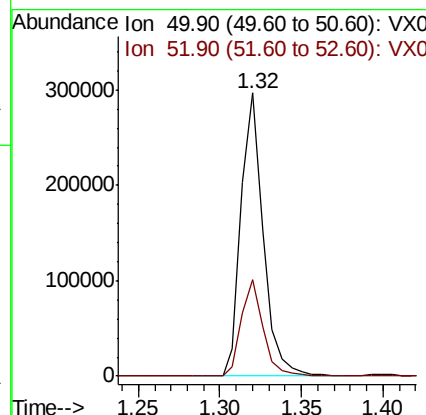
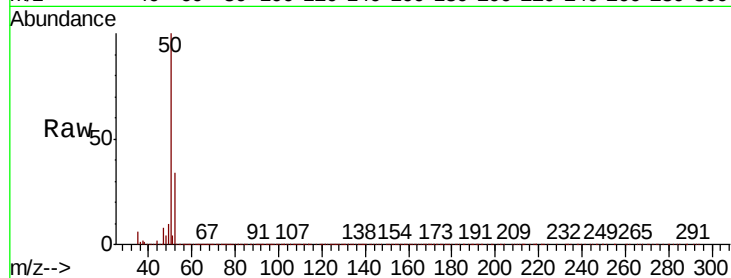




#3
Chloromethane
Concen: 46.029 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

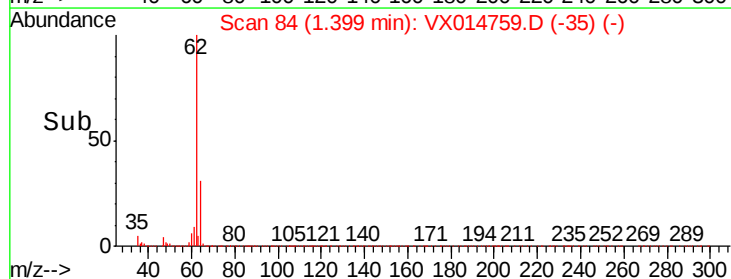
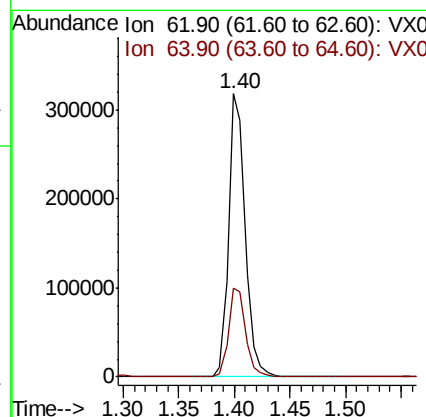
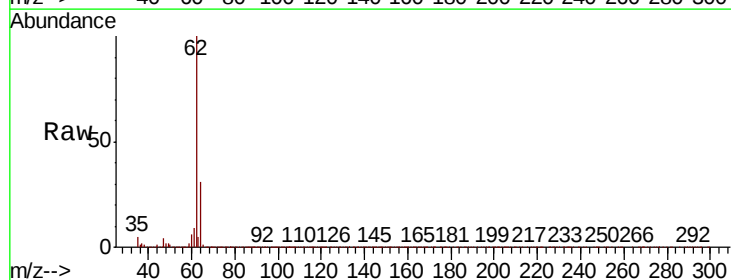
Instrument :
MSVOA_X
ClientSampleId :

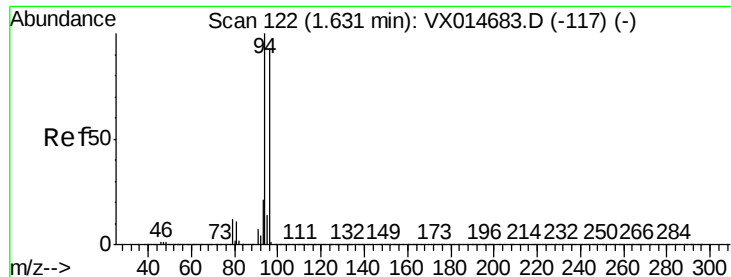
Tot Ion: 50 Resp: 278886
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2



#4
Vinyl Chloride
Concen: 50.248 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 62 Resp: 329181
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5

Bromomethane

Concen: 46.157 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

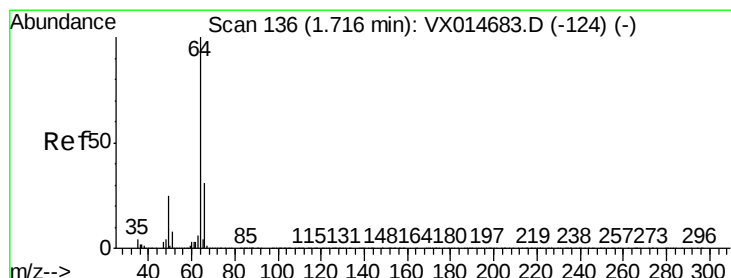
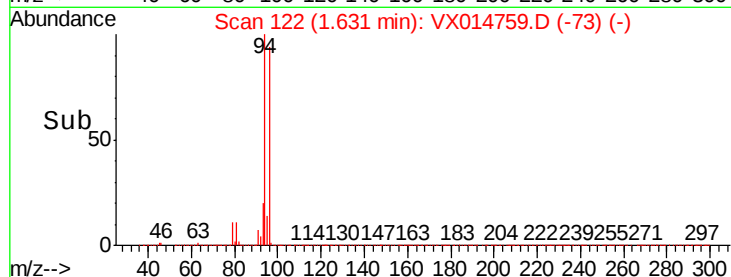
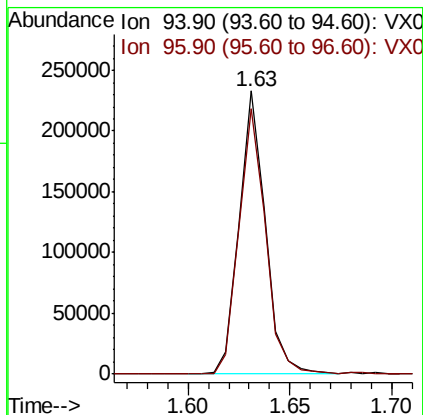
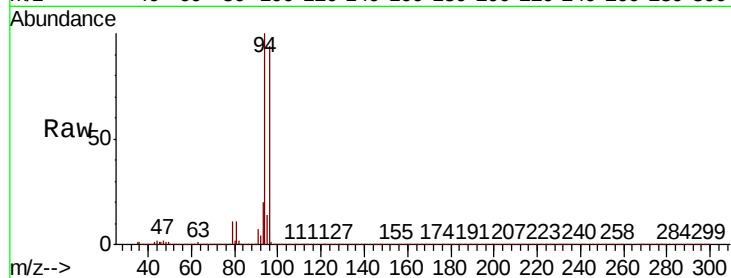
ClientSampleId :

Tot Ion: 94 Resp: 205389

Ion Ratio Lower Upper

94 100

96 93.7 74.7 112.1



#6

Chloroethane

Concen: 48.025 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014759.D

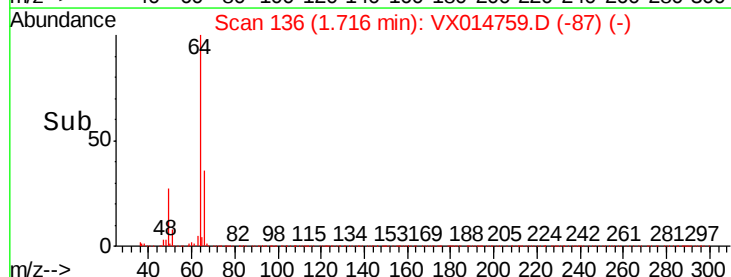
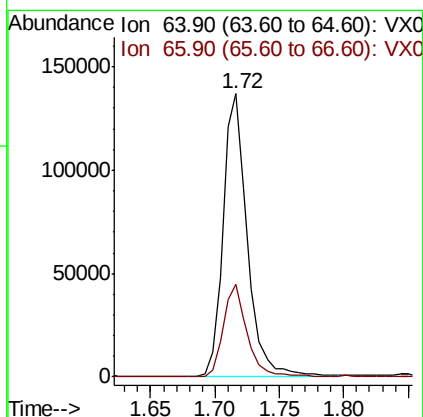
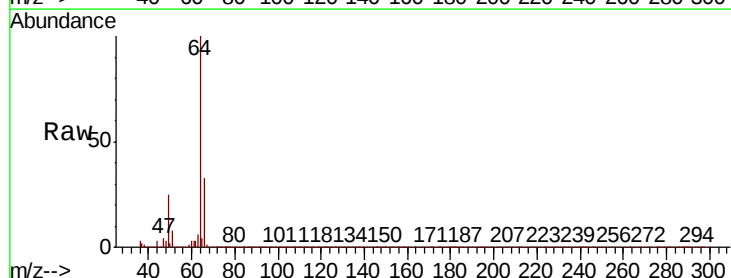
Acq: 29 Jan 2020 10:21

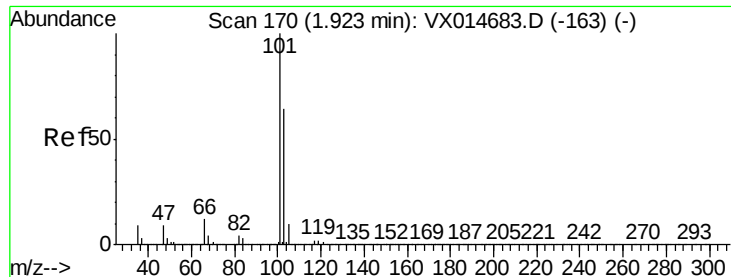
Tgt Ion: 64 Resp: 180208

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



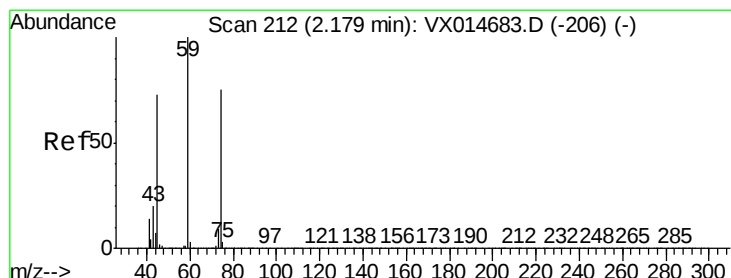
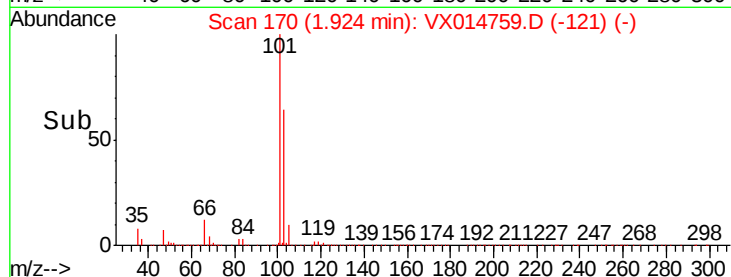
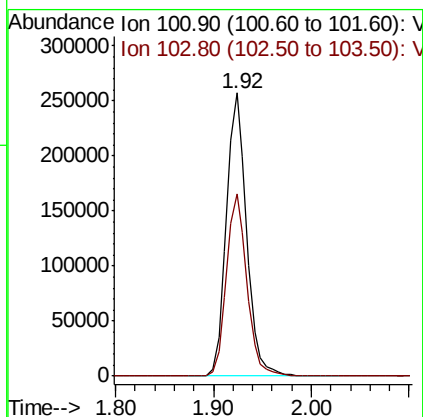
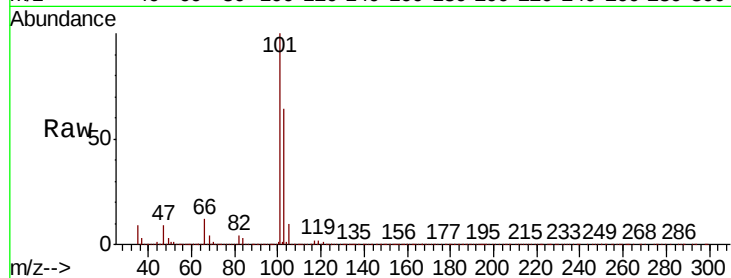


#7

Trichlorofluoromethane
Concen: 48.384 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :

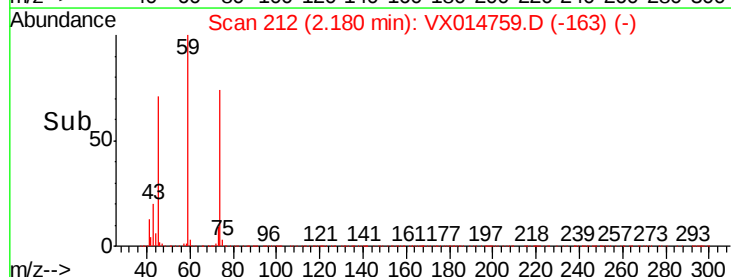
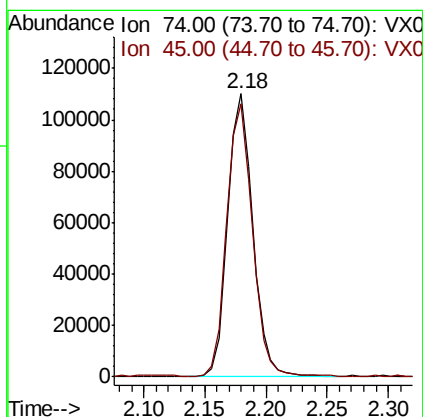
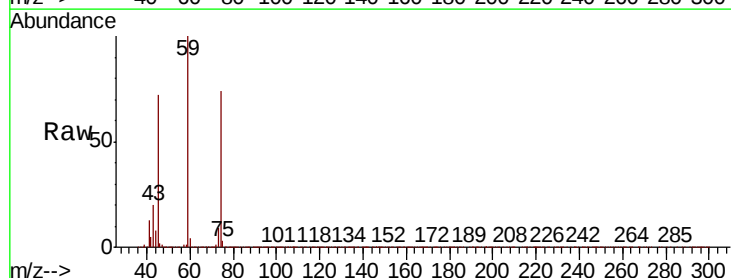
Tot Ion:101 Resp: 369074
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.6

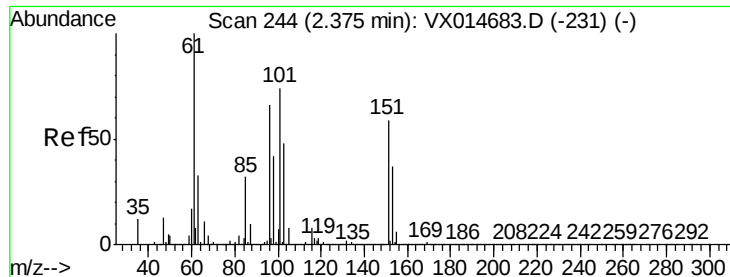


#8

Diethyl Ether
Concen: 46.595 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 74 Resp: 155138
Ion Ratio Lower Upper
74 100
45 99.0 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.752 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

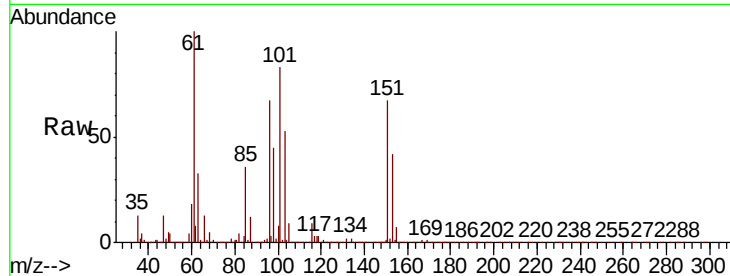
Tot Ion:101 Resp: 222792

Ion Ratio Lower Upper

101 100

85 42.6 34.7 52.1

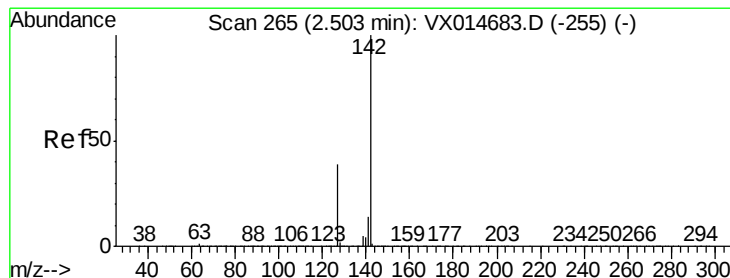
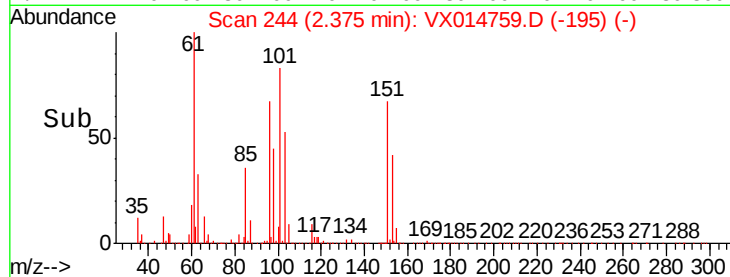
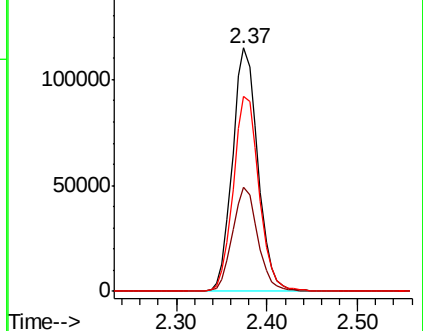
151 81.9 64.7 97.1



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: 49.621 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

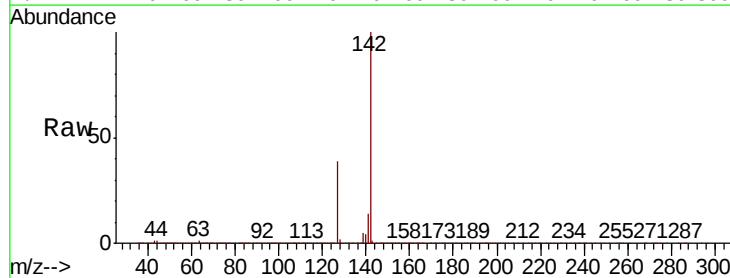
Tgt Ion:142 Resp: 291566

Ion Ratio Lower Upper

142 100

127 38.5 31.1 46.7

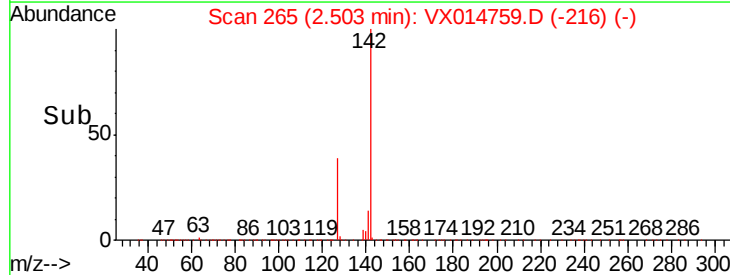
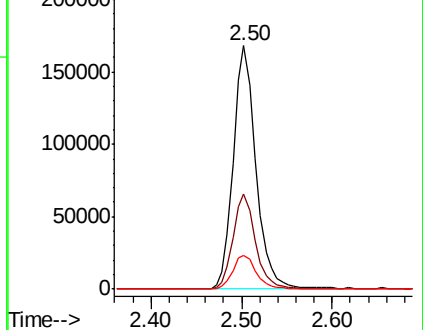
141 14.7 11.3 16.9

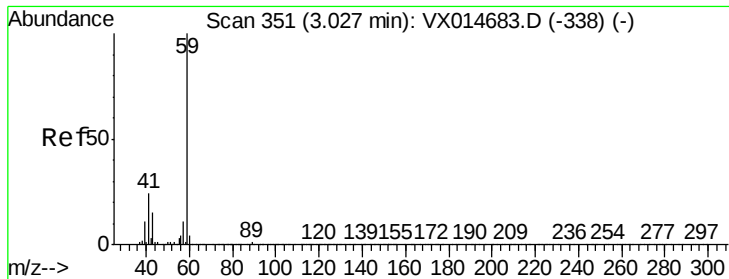


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

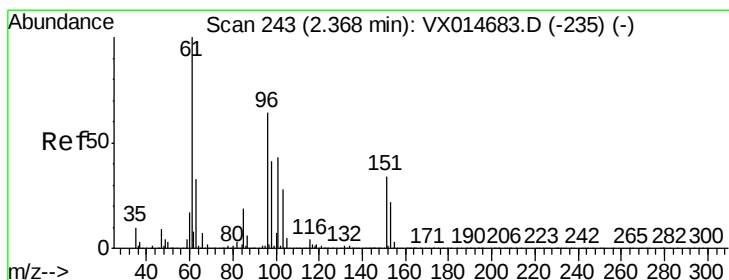
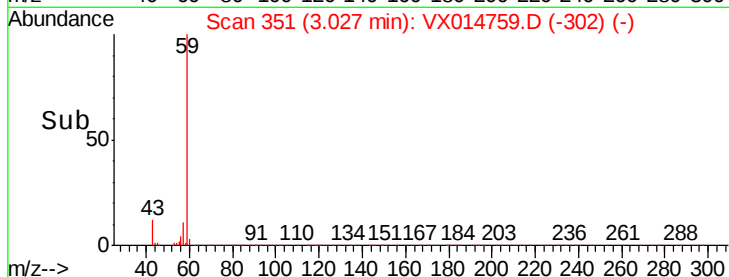
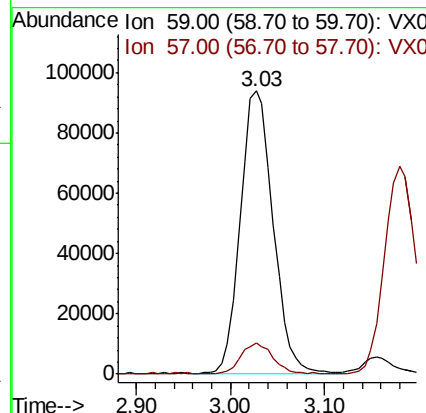
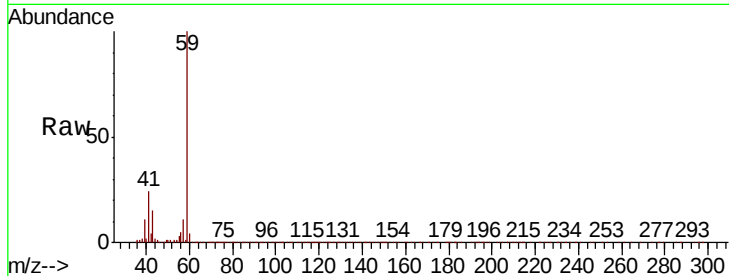




#11
Tert butyl alcohol
Concen: 192.399 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

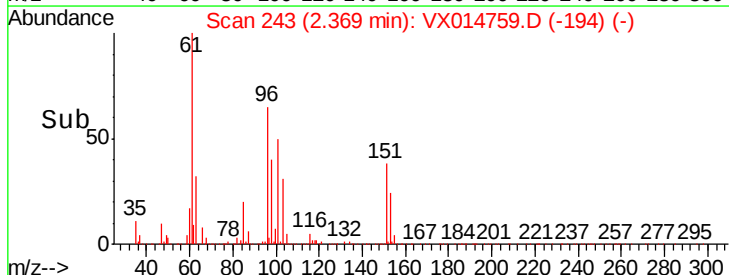
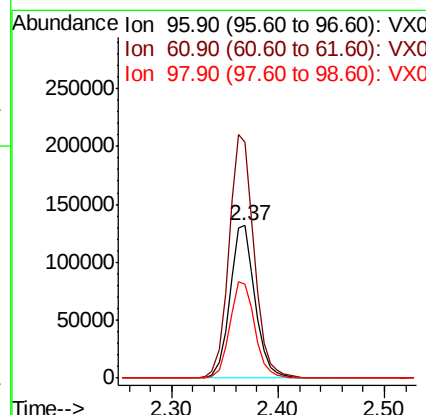
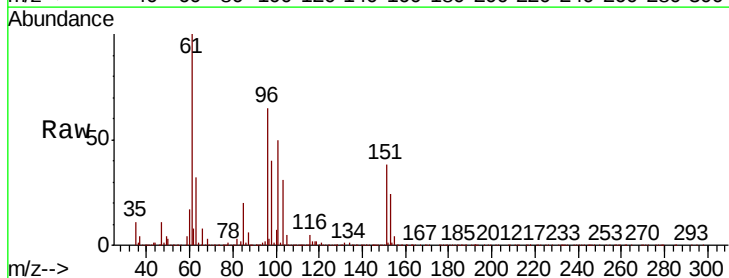
Instrument :
MSVOA_X
ClientSampleId :

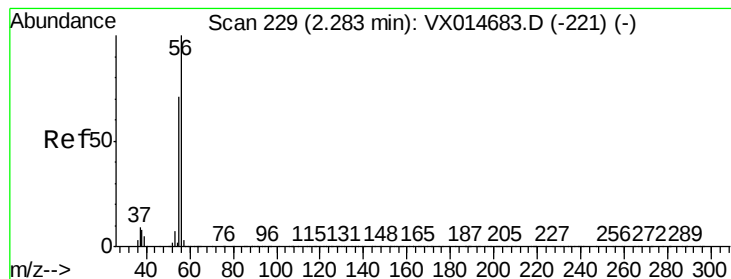
Tot Ion: 59 Resp: 225919
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.714 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 96 Resp: 216888
Ion Ratio Lower Upper
96 100
61 154.4 125.8 188.8
98 61.8 51.5 77.3





#13

Acrolein

Concen: 275.688 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

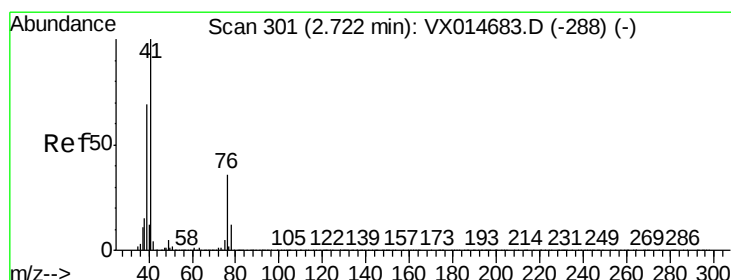
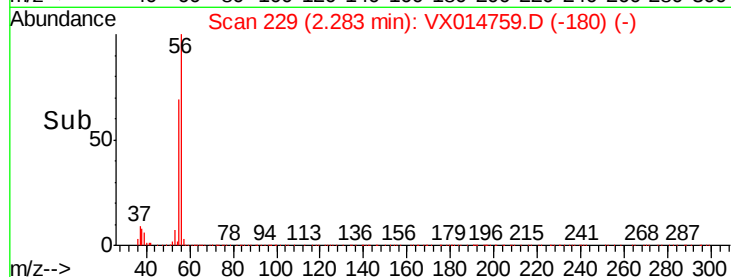
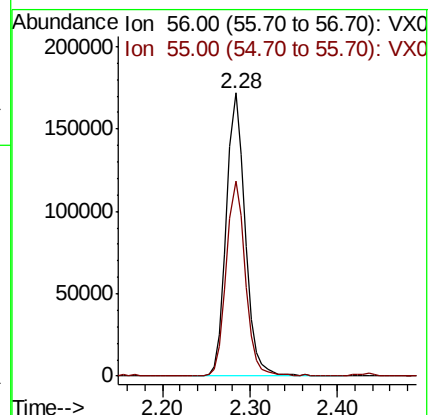
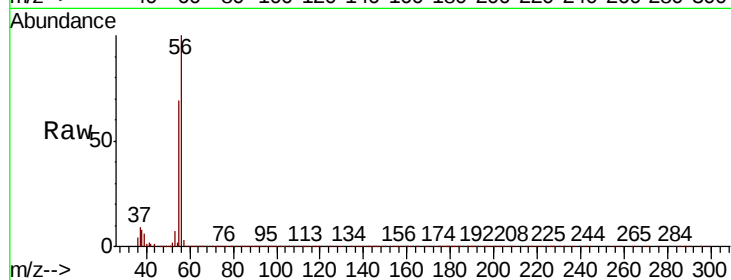
ClientSampleId :

Tot Ion: 56 Resp: 255245

Ion Ratio Lower Upper

56 100

55 69.5 56.6 84.8



#14

Allyl chloride

Concen: 48.219 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

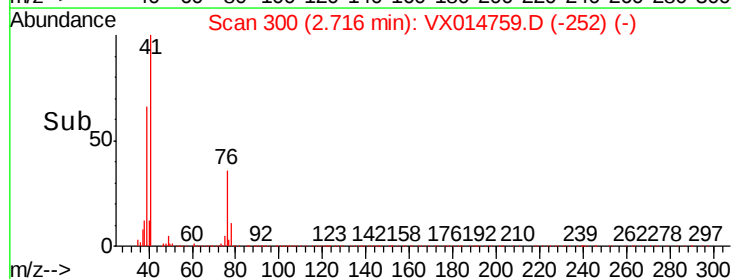
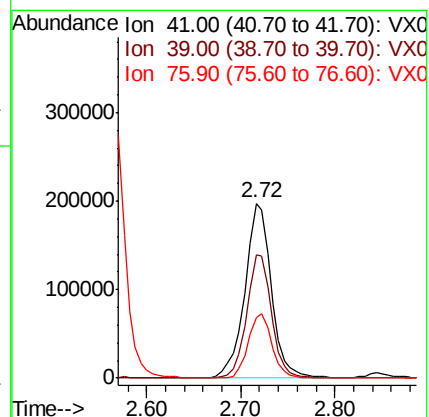
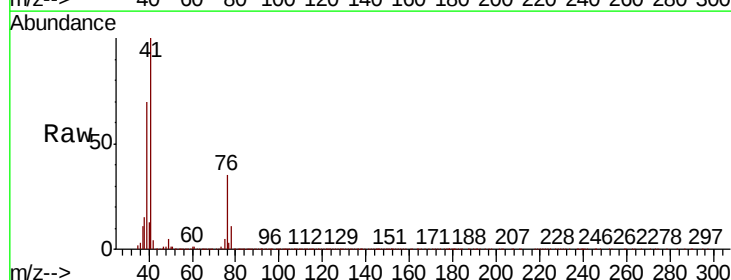
Tgt Ion: 41 Resp: 385886

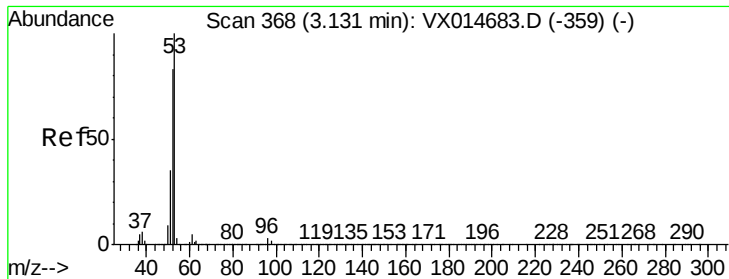
Ion Ratio Lower Upper

41 100

39 66.2 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 227.022 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

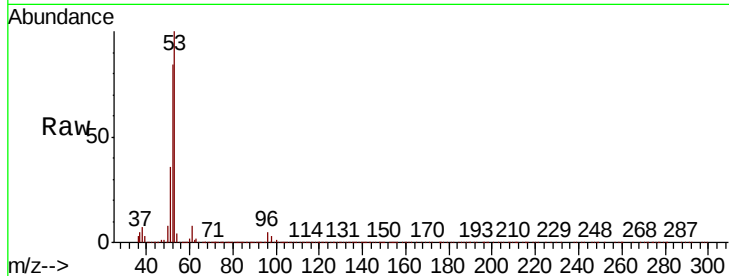
Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 616791

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.7	28.7	43.1

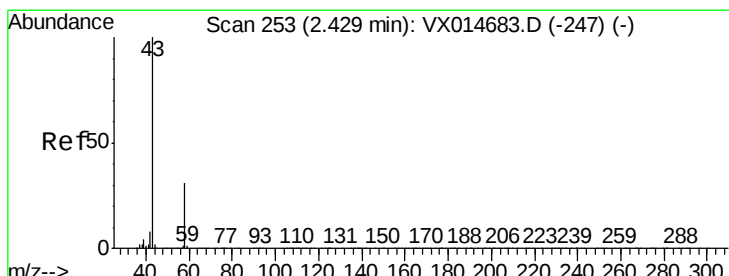
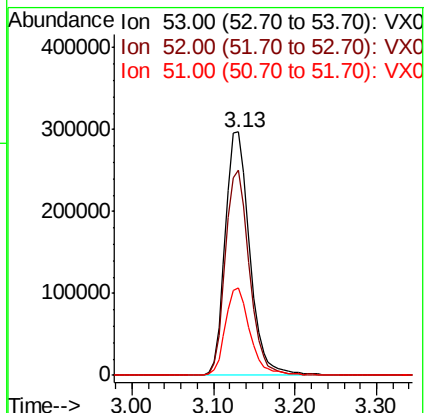
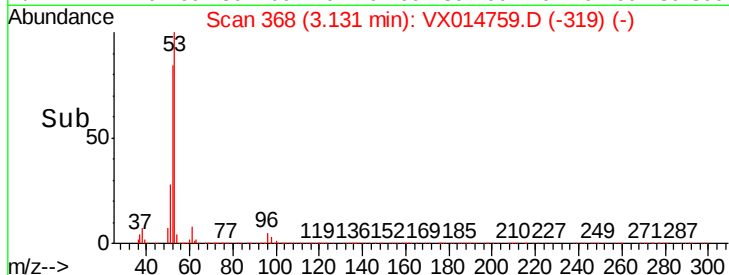


Abundance

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: 220.159 ug/l

RT: 2.43 min Scan# 253

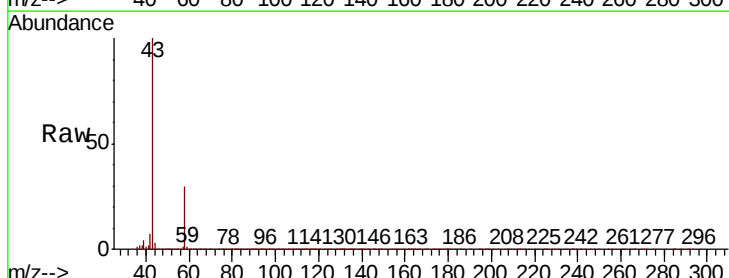
Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion: 43 Resp: 631026

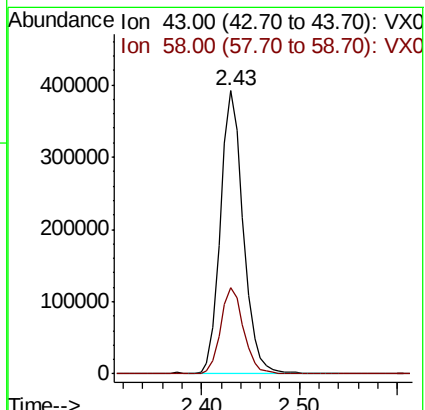
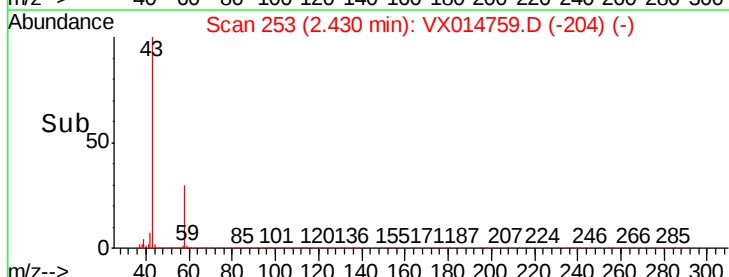
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7

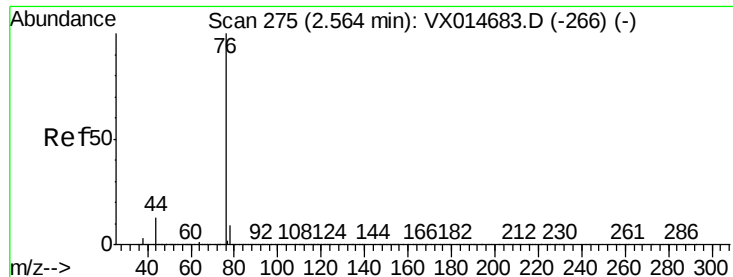


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.326 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

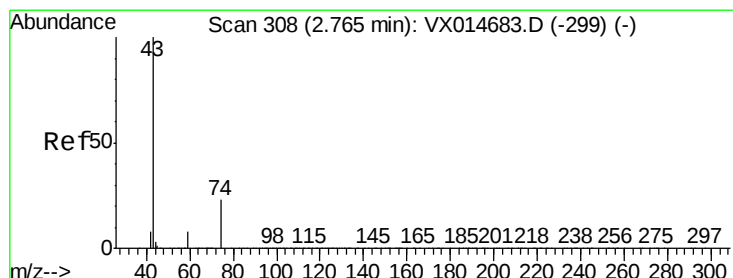
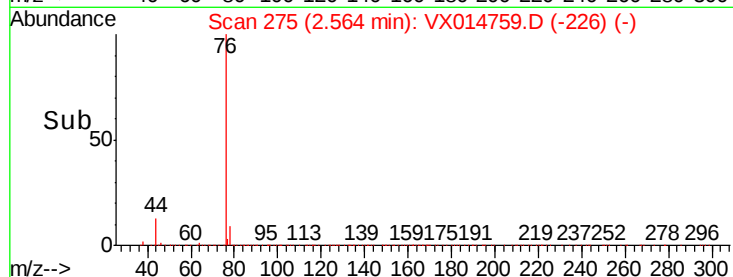
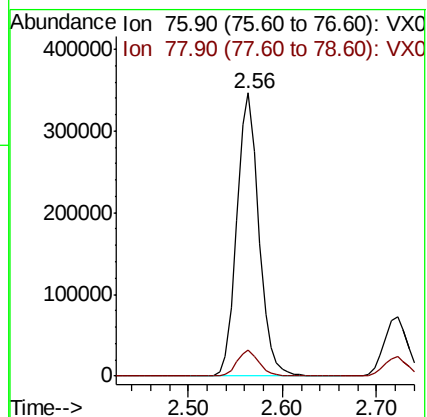
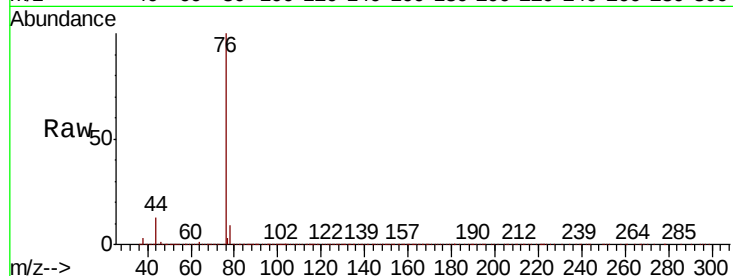
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 563726

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 45.642 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014759.D

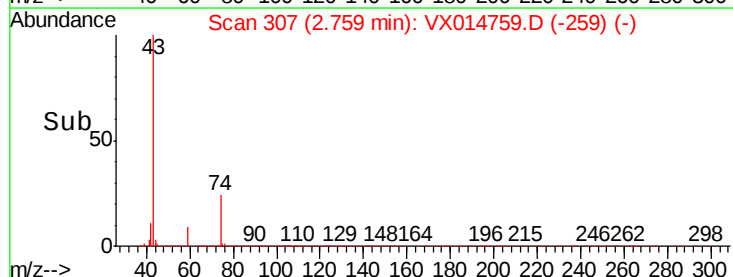
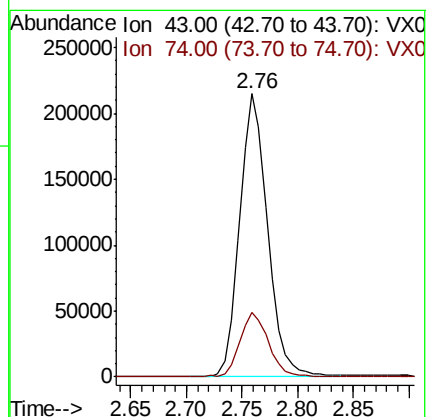
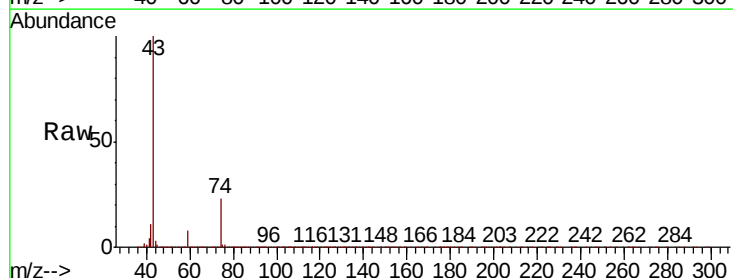
Acq: 29 Jan 2020 10:21

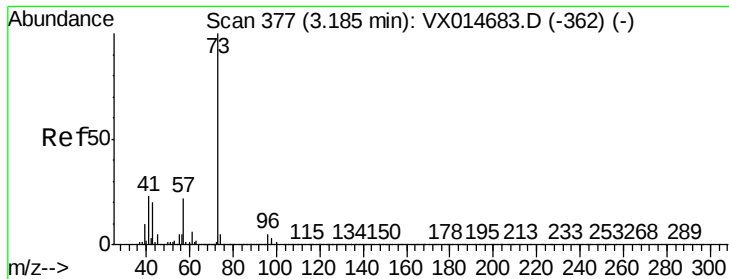
Tgt Ion: 43 Resp: 373448

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7

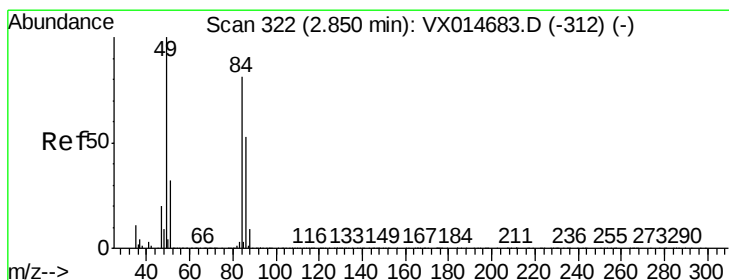
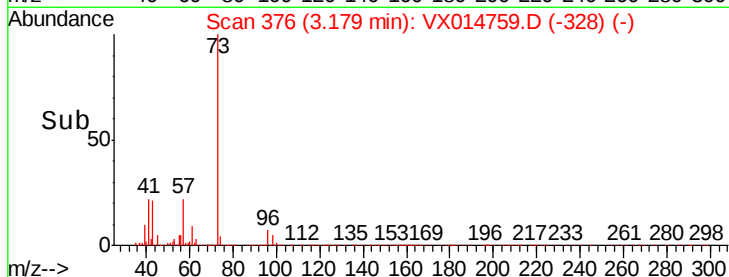
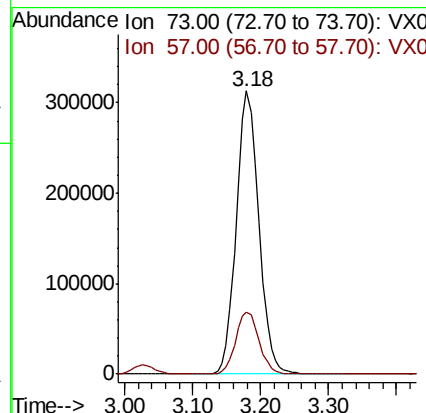
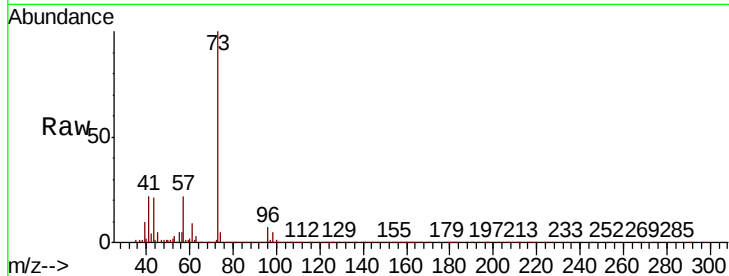




#19
Methyl tert-butyl Ether
Concen: 49.270 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

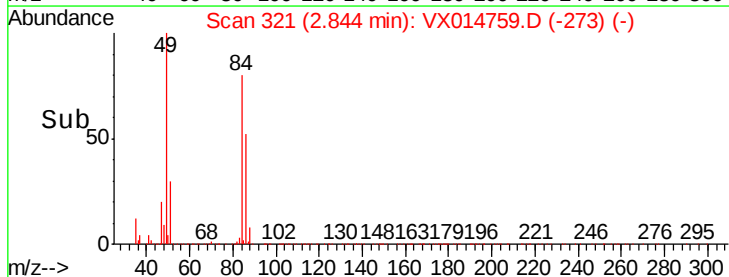
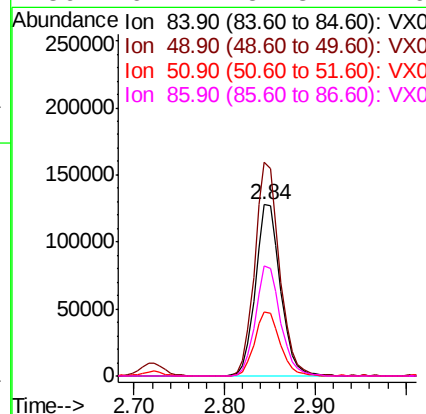
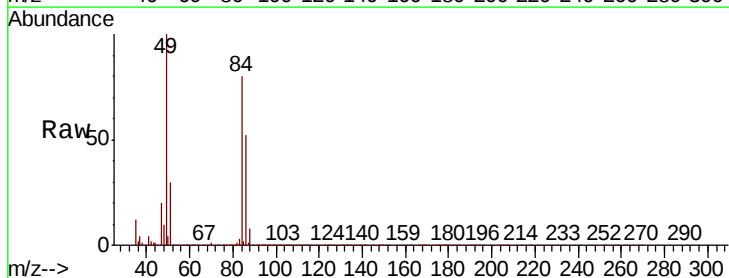
Instrument :
MSVOA_X
ClientSampleId :

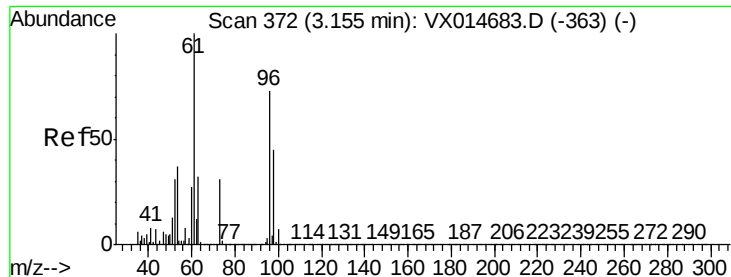
Tot Ion: 73 Resp: 718510
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 45.843 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 84 Resp: 243159
Ion Ratio Lower Upper
84 100
49 124.4 98.2 147.4
51 37.5 31.3 46.9
86 64.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.104 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :

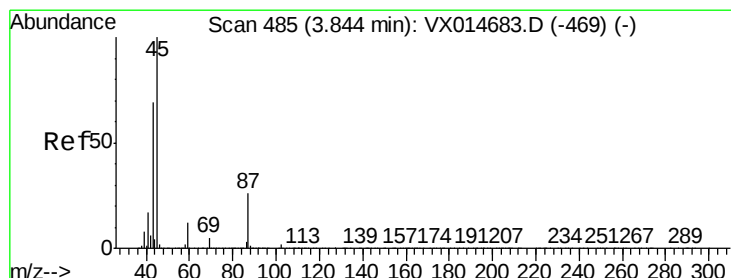
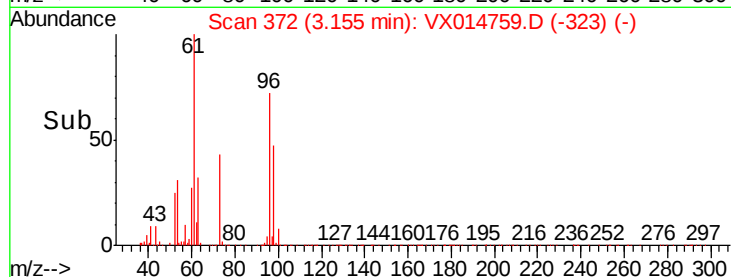
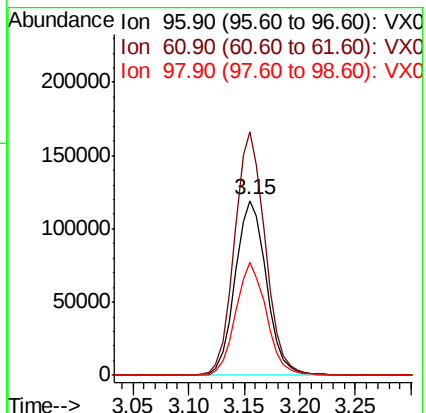
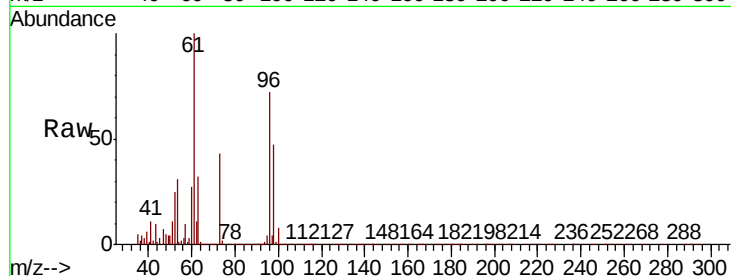
Tot Ion: 96 Resp: 230916

Ion Ratio Lower Upper

96 100

61 139.2 109.8 164.6

98 64.9 49.6 74.4



#22

Diisopropyl ether

Concen: 49.519 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion: 45 Resp: 788434

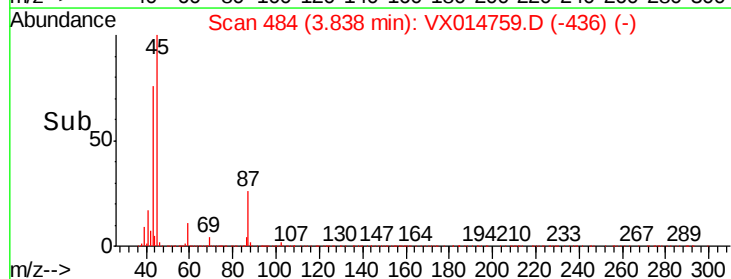
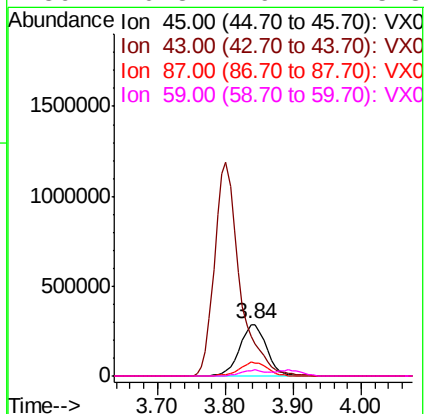
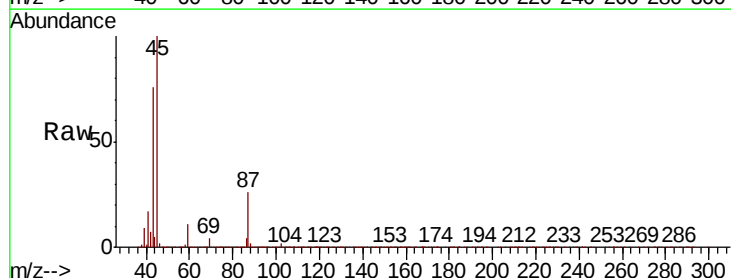
Ion Ratio Lower Upper

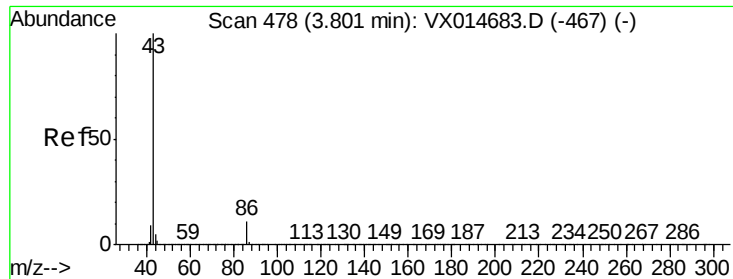
45 100

43 76.1 55.1 82.7

87 26.4 20.7 31.1

59 10.8 9.2 13.8





#23

Vinyl Acetate

Concen: 252.891 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

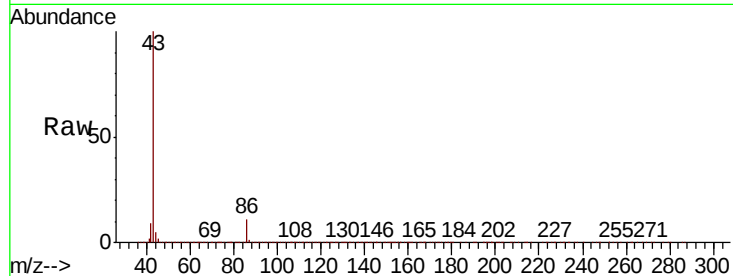
ClientSampled :

Tot Ion: 43 Resp: 3069354

Ion Ratio Lower Upper

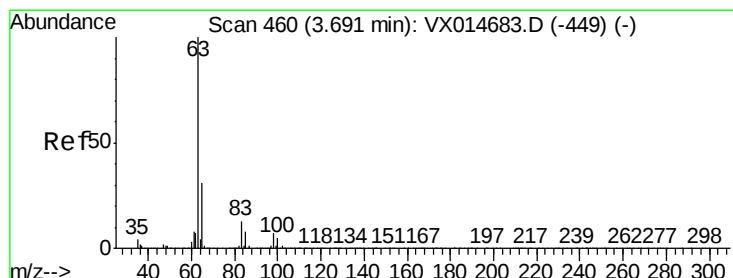
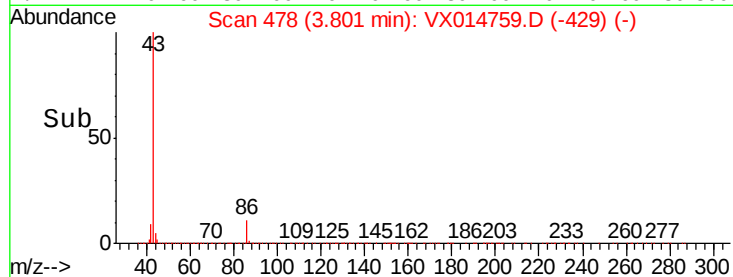
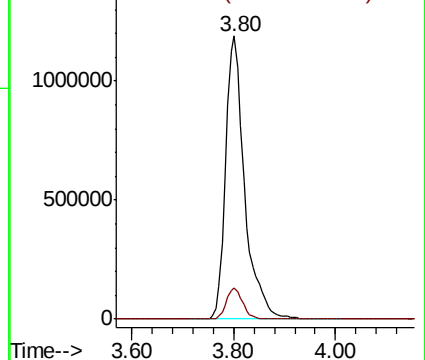
43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.502 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

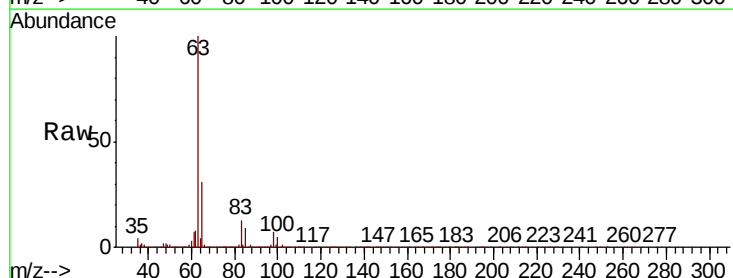
Tgt Ion: 63 Resp: 419380

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

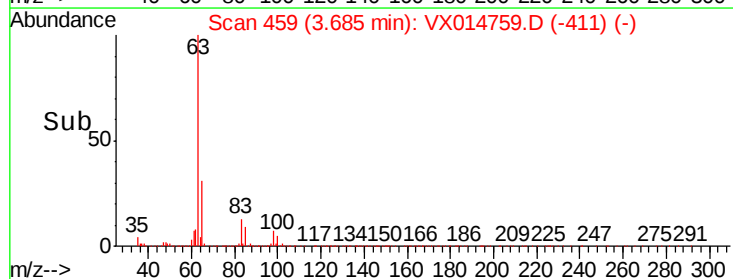
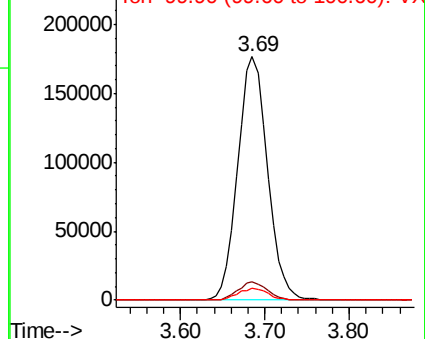
100 4.7 2.2 6.6

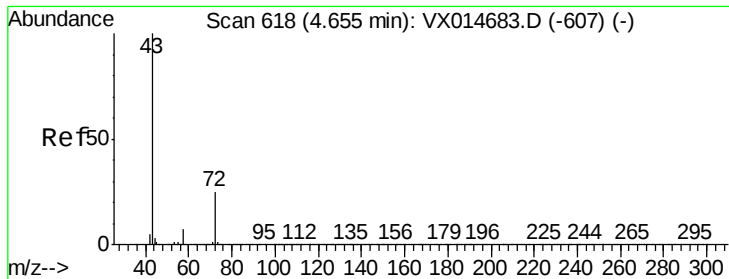


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.115 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

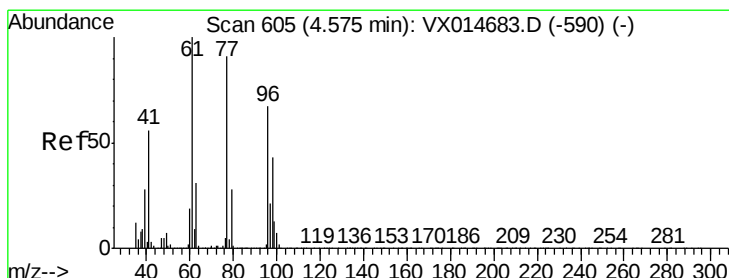
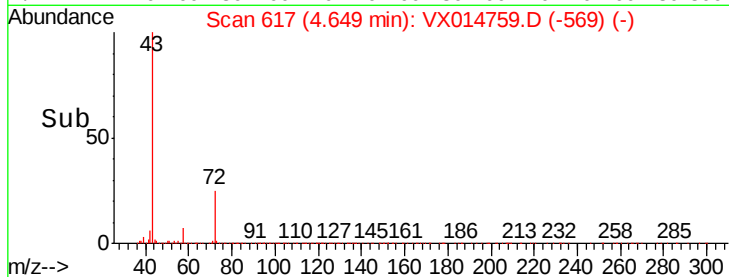
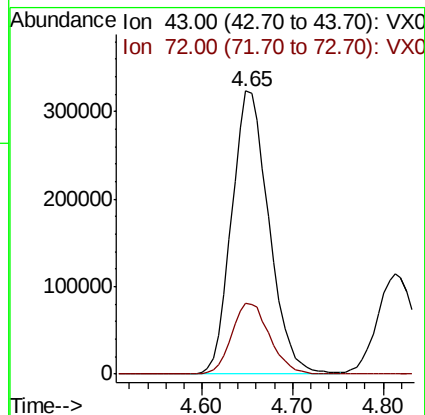
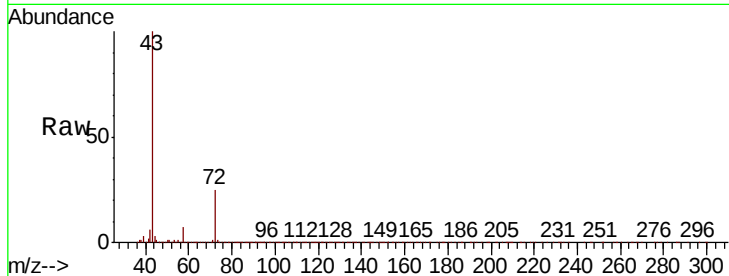
ClientSampleId :

Tot Ion: 43 Resp: 916318

Ion Ratio Lower Upper

43 100

72 24.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 50.993 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014759.D

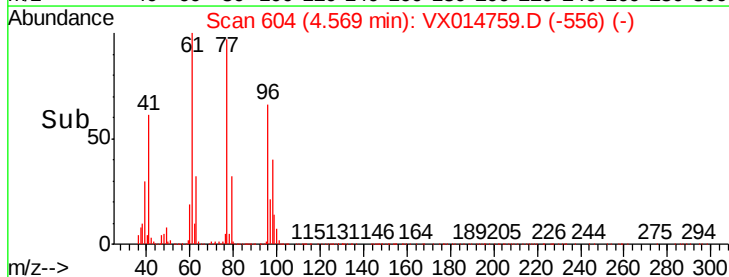
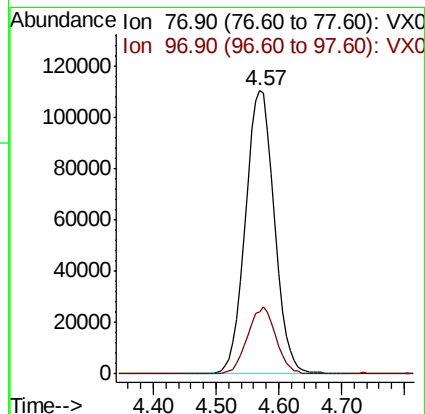
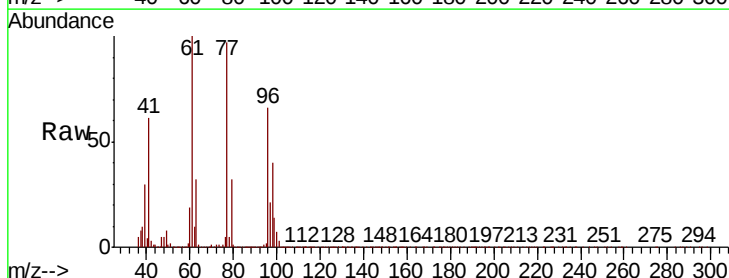
Acq: 29 Jan 2020 10:21

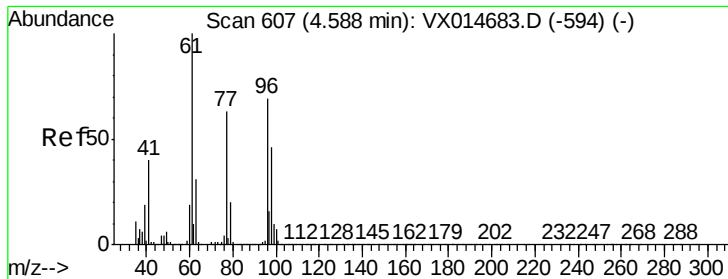
Tgt Ion: 77 Resp: 352927

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3



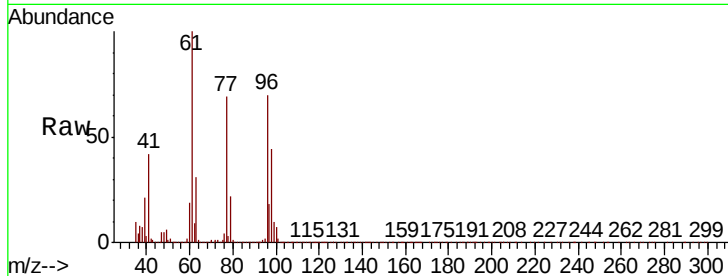


#27

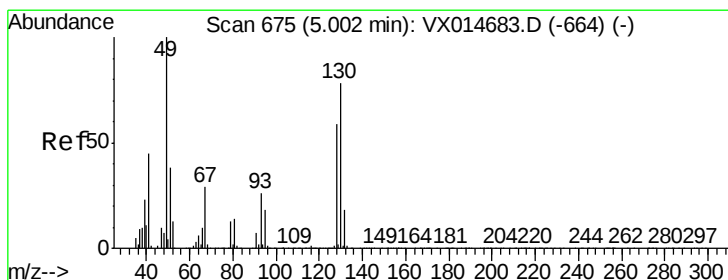
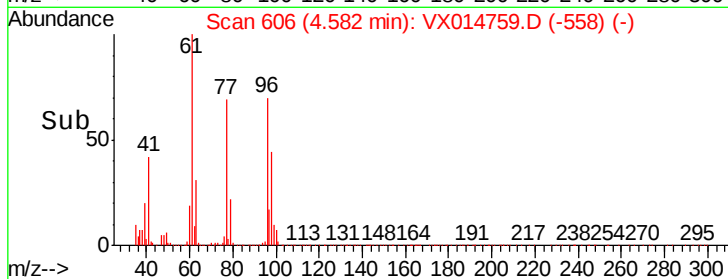
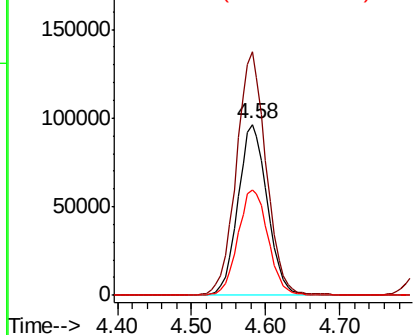
cis-1,2-Dichloroethene
Concen: 48.584 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	291.0
98	63.7	0.0	129.8



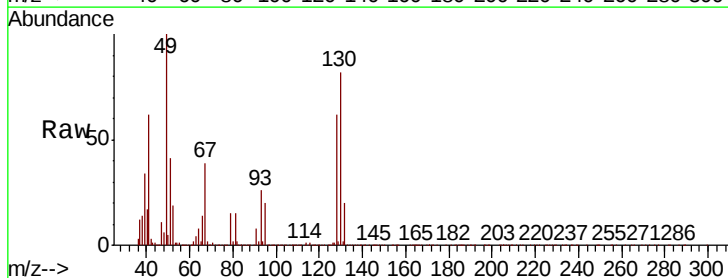
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



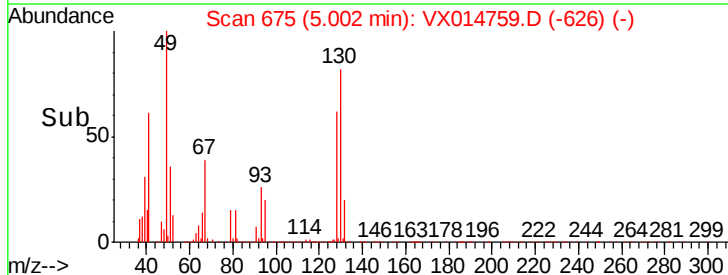
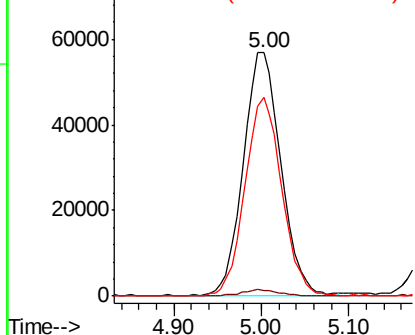
#28

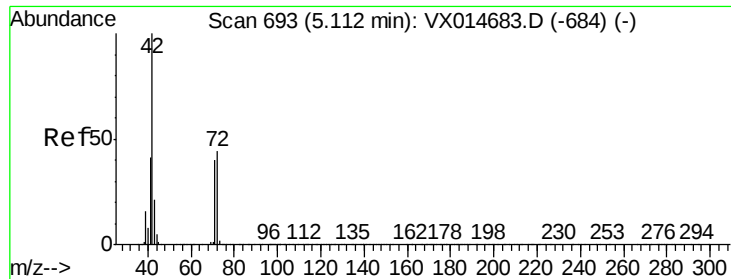
Bromochloromethane
Concen: 44.563 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	80.5	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: 221.147 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

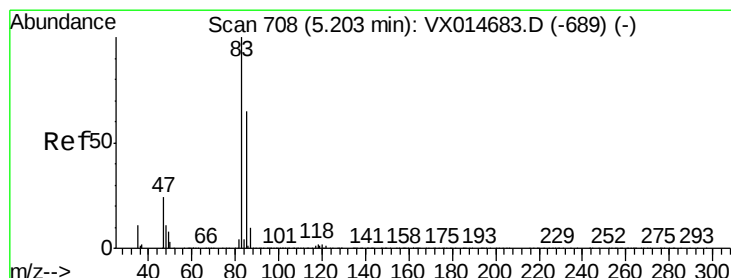
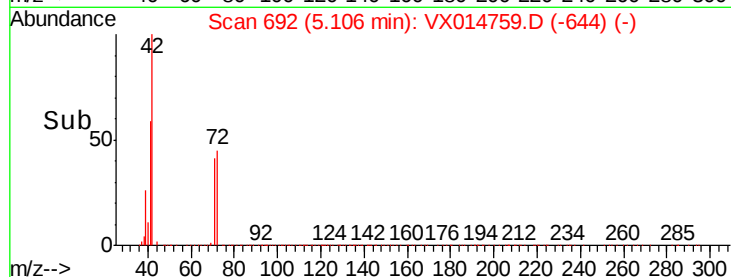
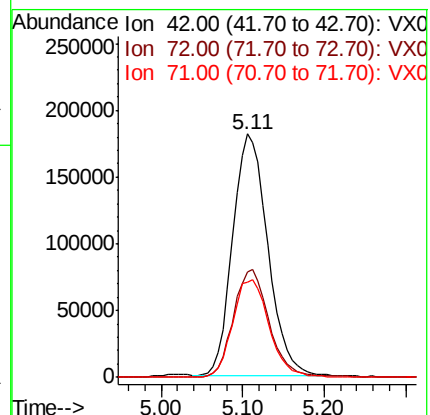
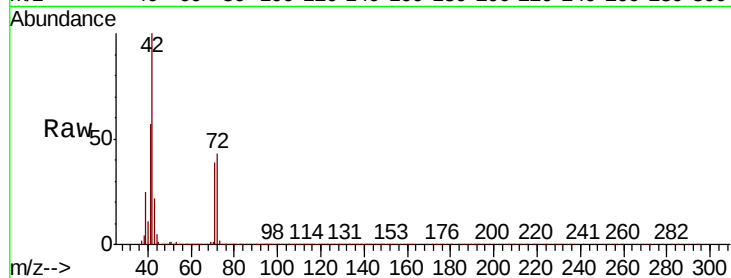
Tot Ion: 42 Resp: 539055

Ion Ratio Lower Upper

42 100

72 45.4 35.3 52.9

71 41.8 33.1 49.7



#30

Chloroform

Concen: 47.743 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014759.D

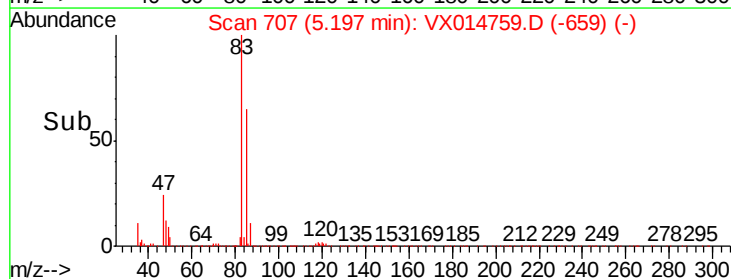
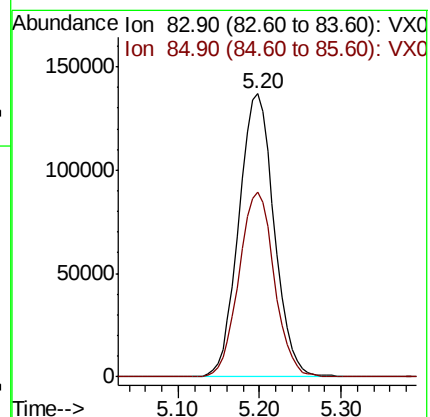
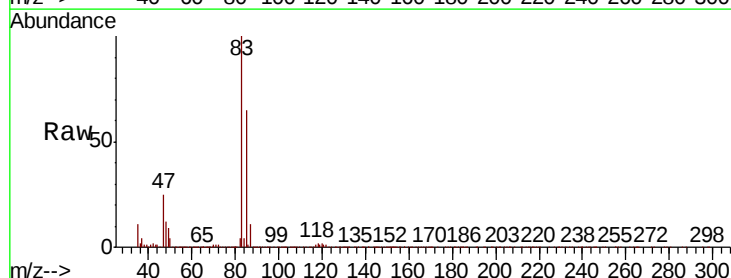
Acq: 29 Jan 2020 10:21

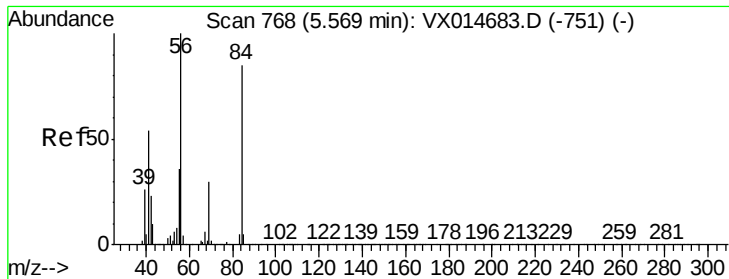
Tgt Ion: 83 Resp: 408948

Ion Ratio Lower Upper

83 100

85 65.4 51.7 77.5

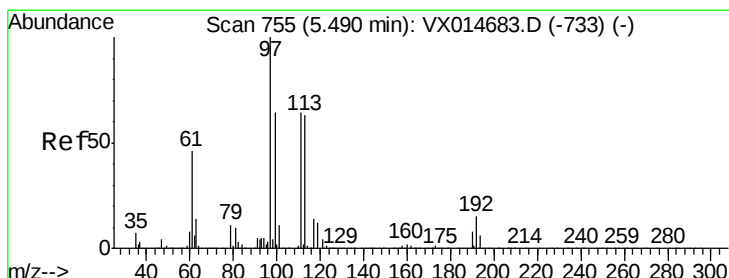
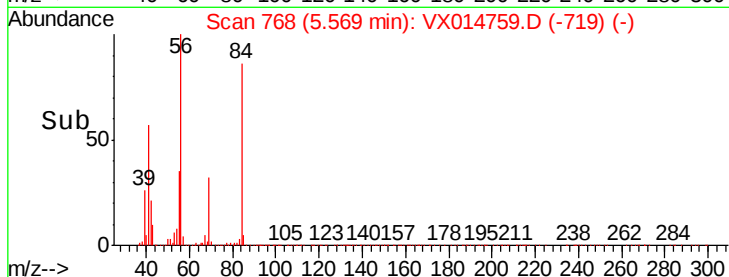
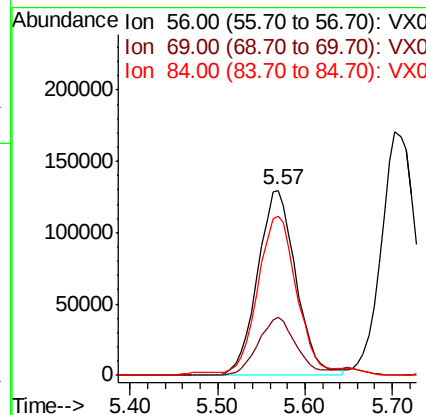
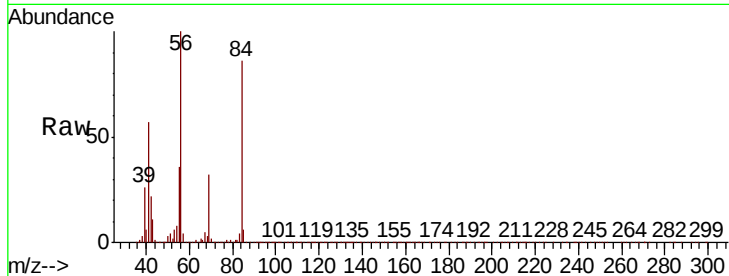




#31
Cyclohexane
Concen: 48.720 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

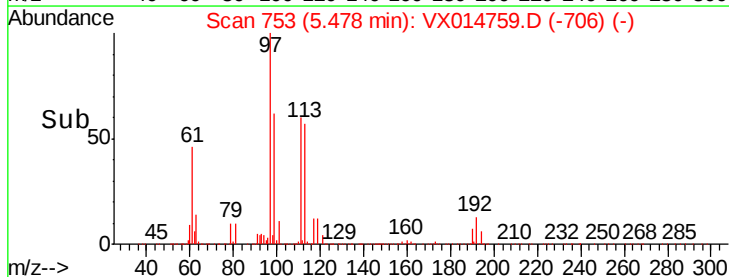
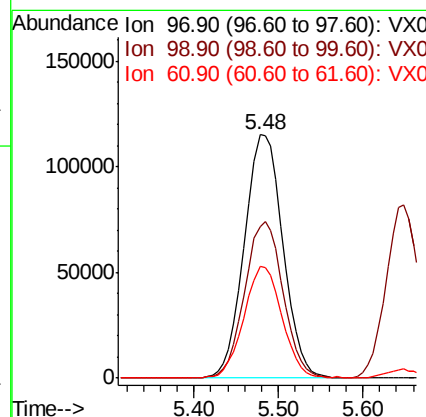
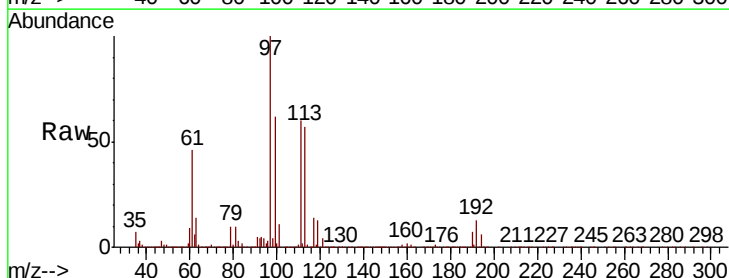
Instrument :
MSVOA_X
ClientSampled :

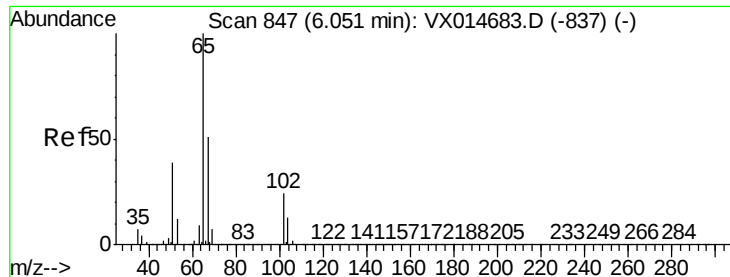
Tot Ion: 56 Resp: 396223
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 85.1 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 49.432 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 97 Resp: 357900
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 44.8 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 45.665 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

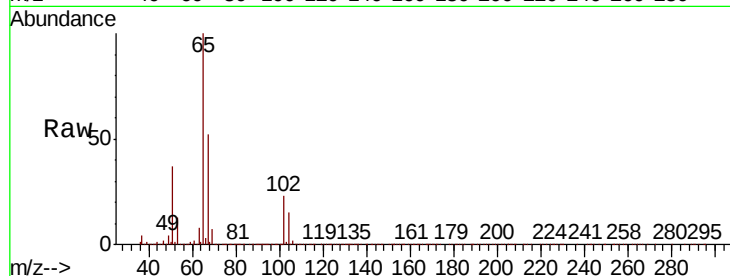
ClientSampled :

Tot Ion: 65 Resp: 238834

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

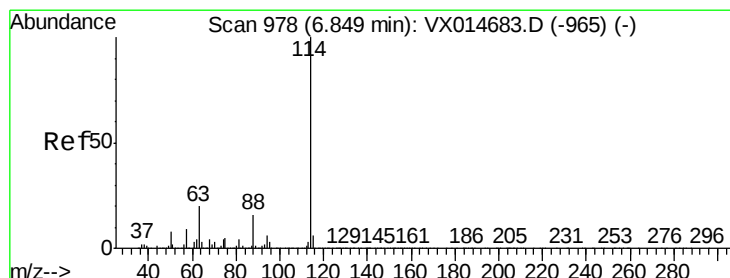
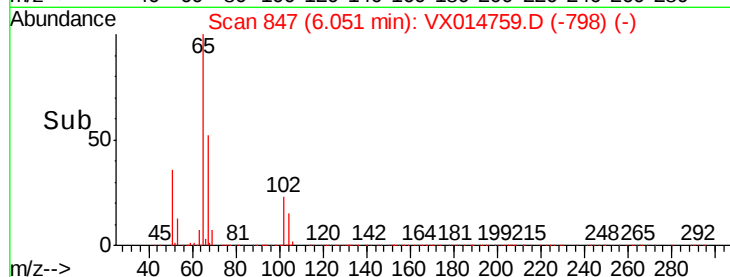
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

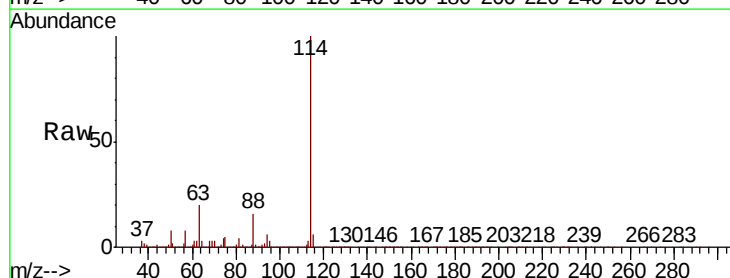
Tgt Ion: 114 Resp: 653581

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

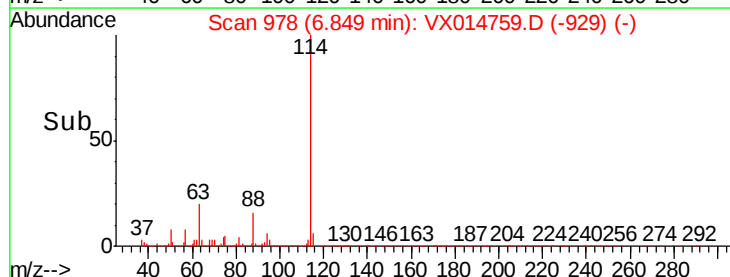
300000

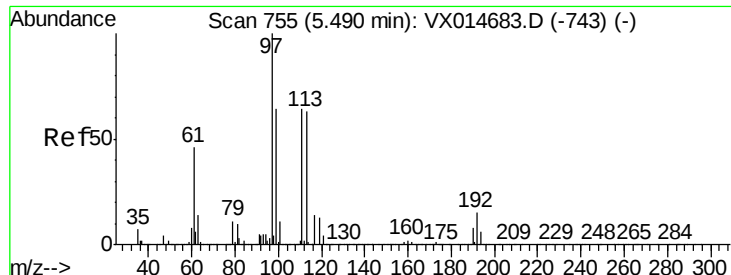
200000

100000

0

Time-->

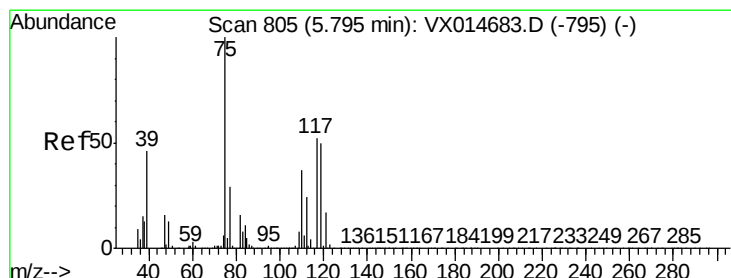
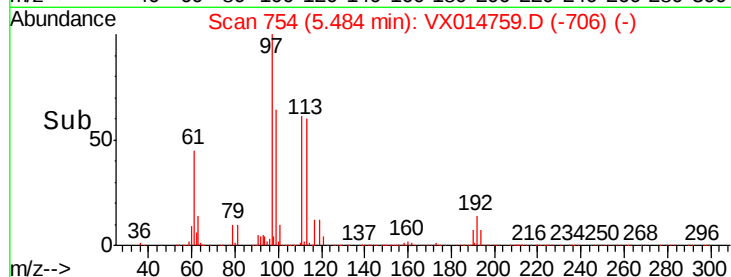
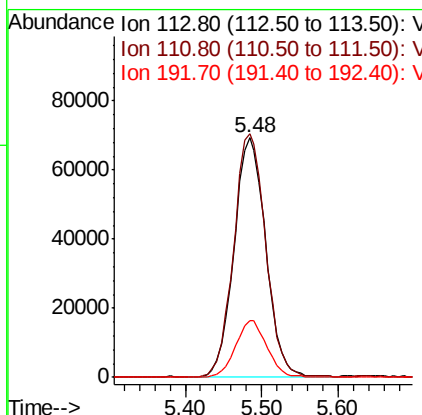
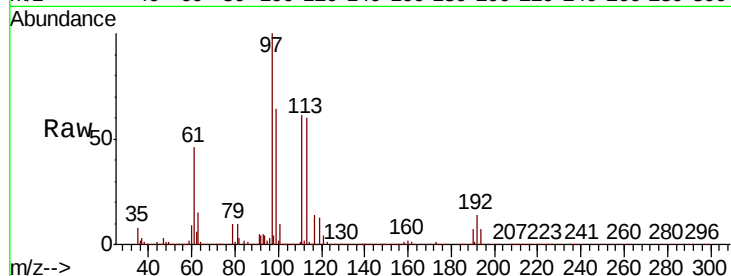




#35
 Dibromofluoromethane
 Concen: 48.262 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

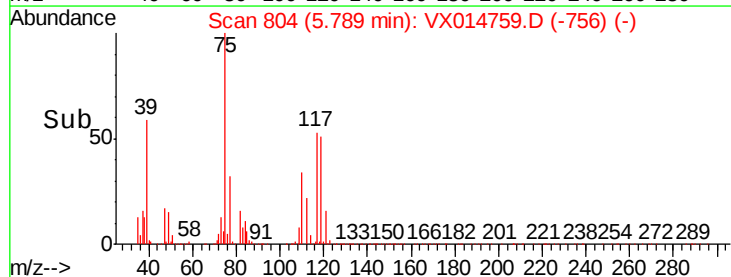
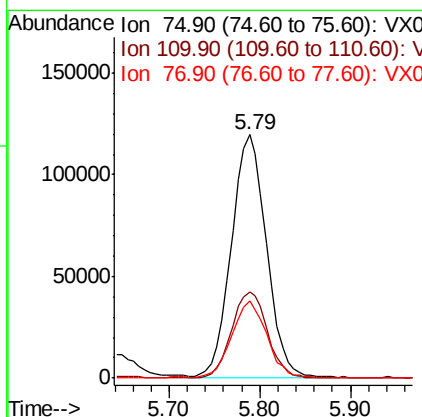
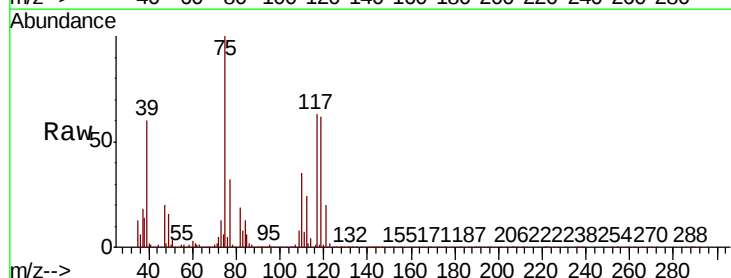
Instrument :
 MSVOA_X
 ClientSampled :

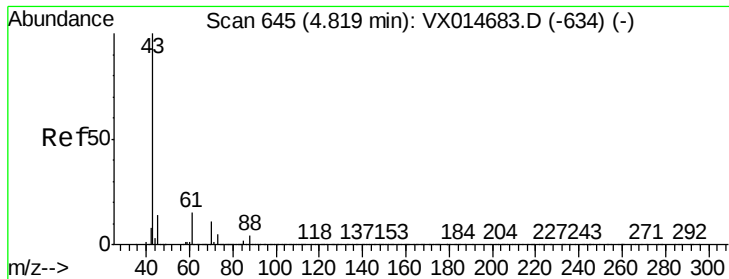
Tot Ion:113 Resp: 199033
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 23.1 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 52.431 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion: 75 Resp: 318413
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.9 53.7
 77 31.3 24.1 36.1

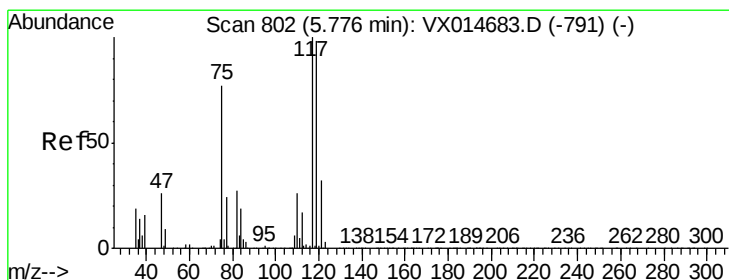
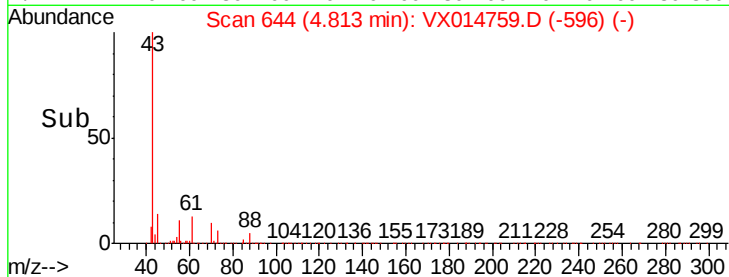
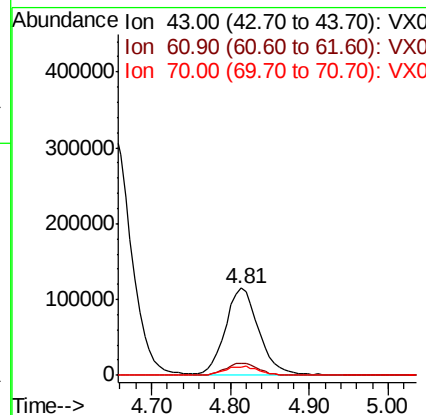
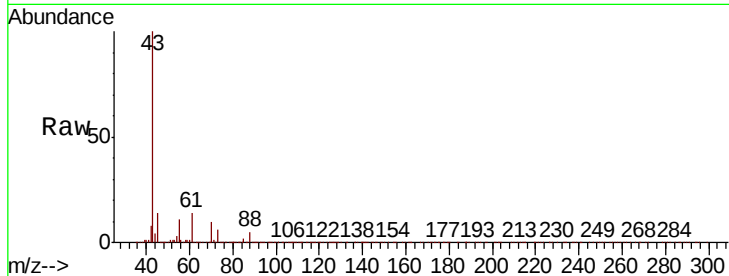




#37
Ethyl Acetate
Concen: 48.204 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

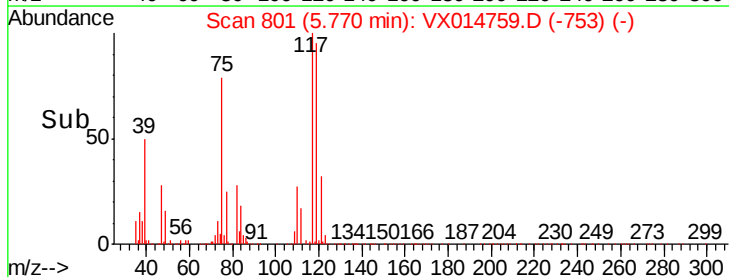
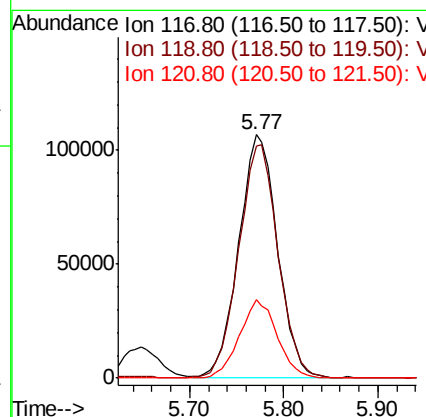
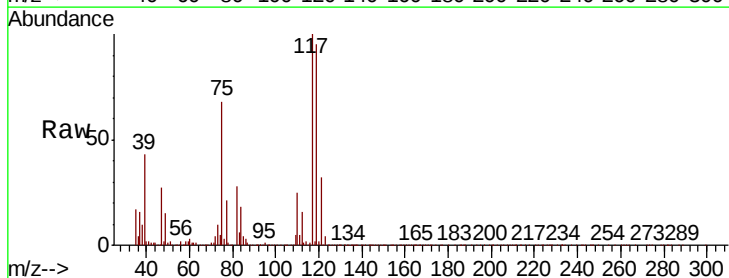
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 335291
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.737 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 117 Resp: 305879
Ion Ratio Lower Upper
117 100
119 95.1 77.9 116.9
121 32.3 25.4 38.2

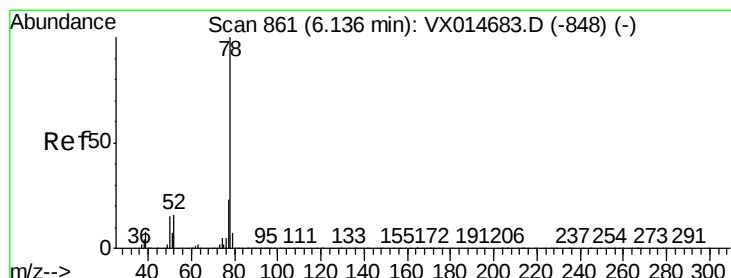
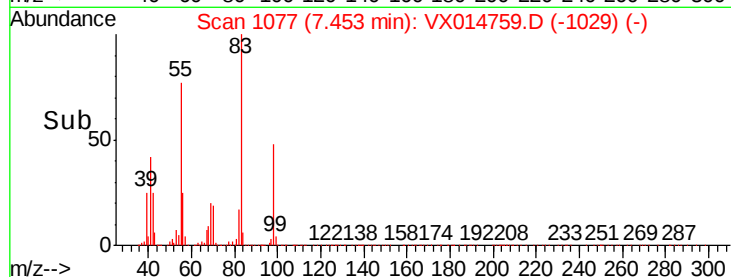
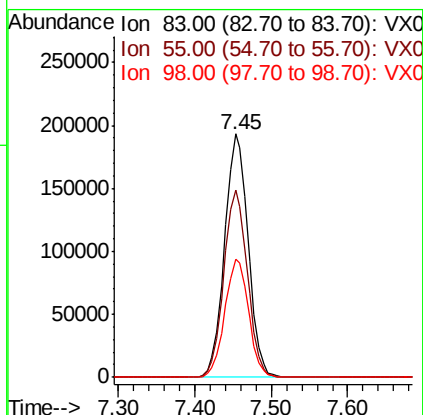
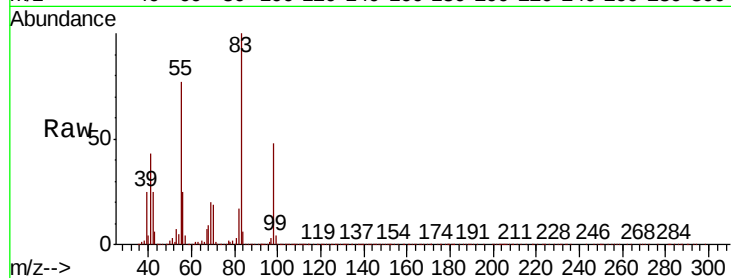




#39
Methvlcvclohexane
Concen: 53.910 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

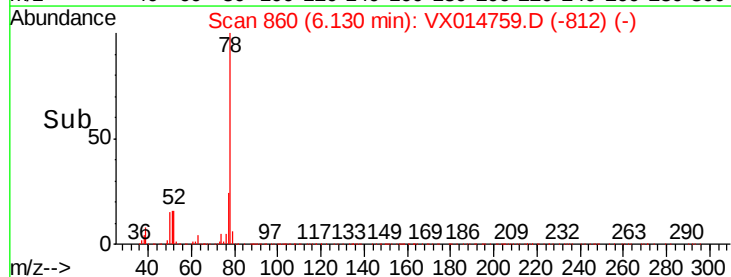
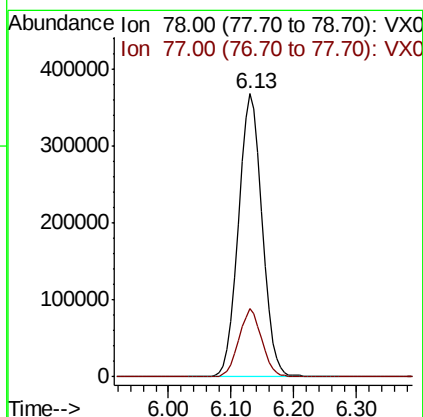
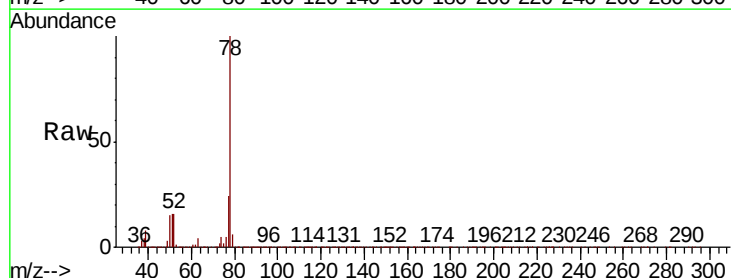
Instrument :
MSVOA_X
ClientSampleId :

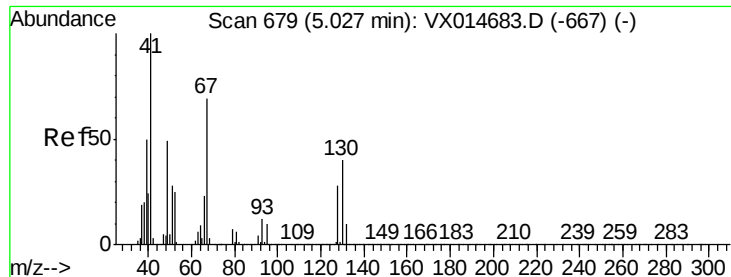
Tot Ion: 83 Resp: 410153
Ion Ratio Lower Upper
83 100
55 77.1 65.6 98.4
98 48.4 40.2 60.4



#40
Benzene
Concen: 51.154 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 78 Resp: 959885
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

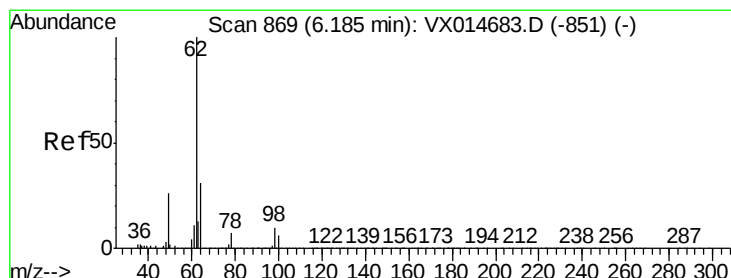
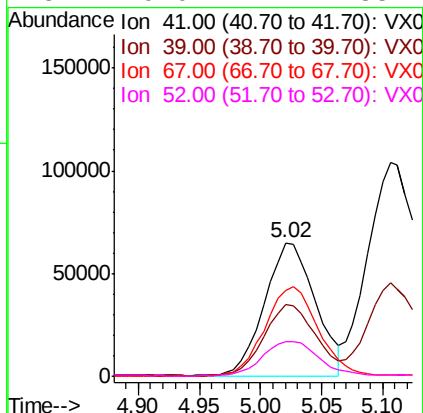
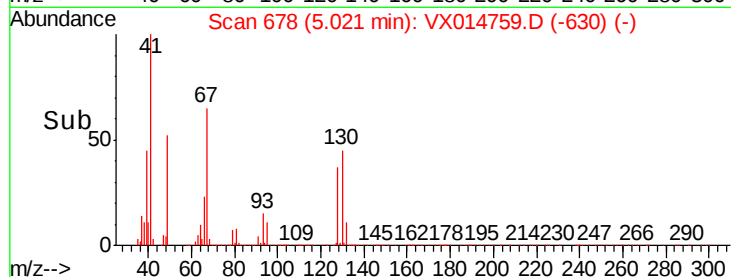
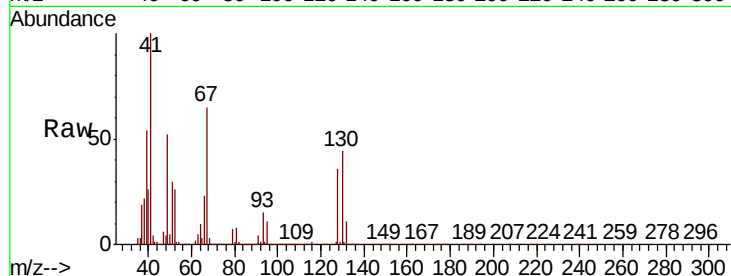




#41
Methacrylonitrile
Concen: 47.133 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

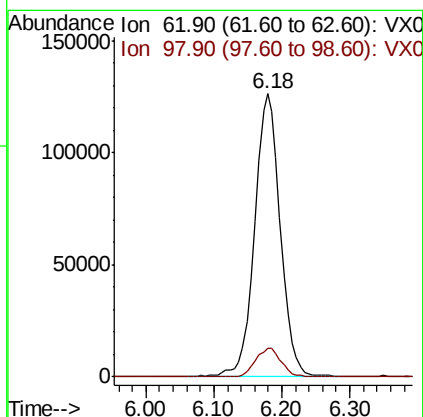
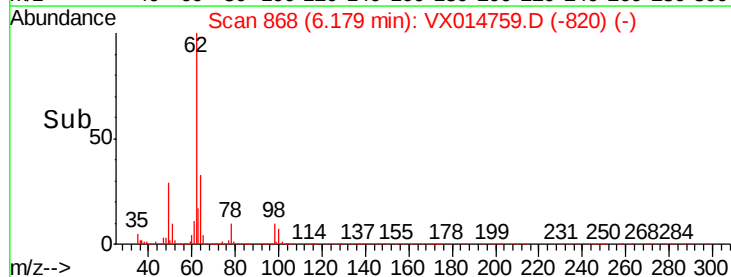
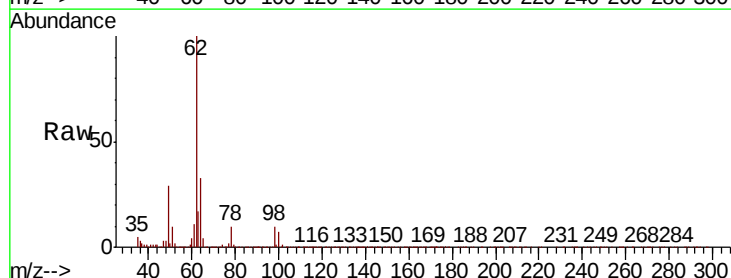
Instrument :
MSVOA_X
ClientSampled :

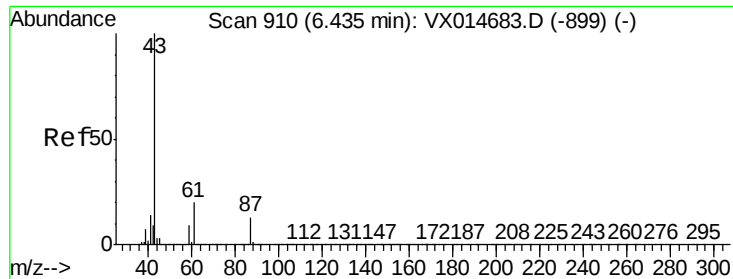
Tot Ion:	41	Resp:	187093
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.2	63.2
67	70.0	55.4	83.0
52	29.0	22.1	33.1



#42
1,2-Dichloroethane
Concen: 51.053 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion:	62	Resp:	330817
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0



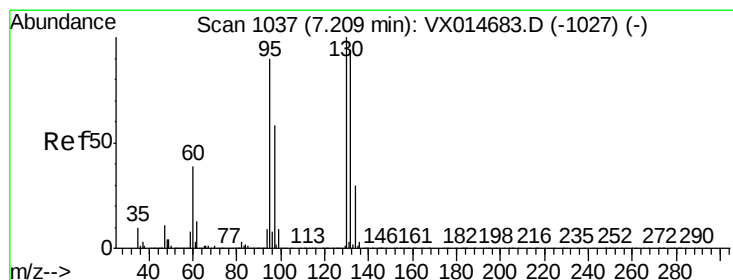
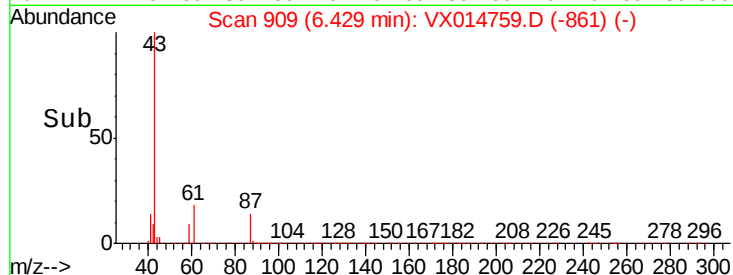
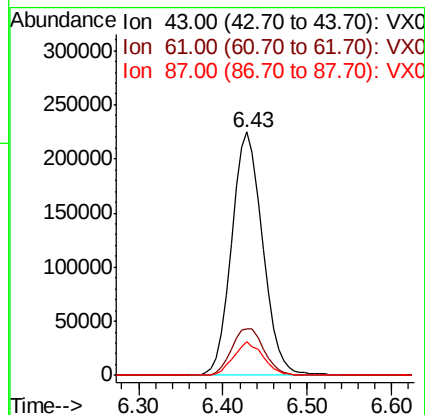
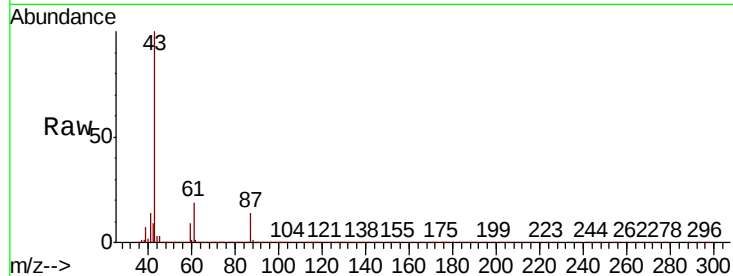


#43

Isopropyl Acetate
 Concen: 48.956 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :

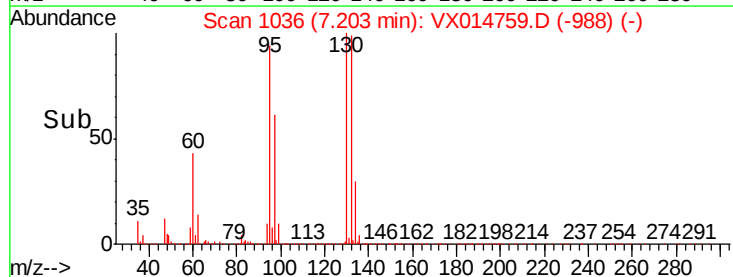
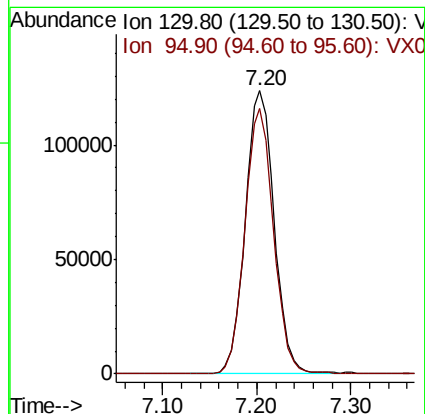
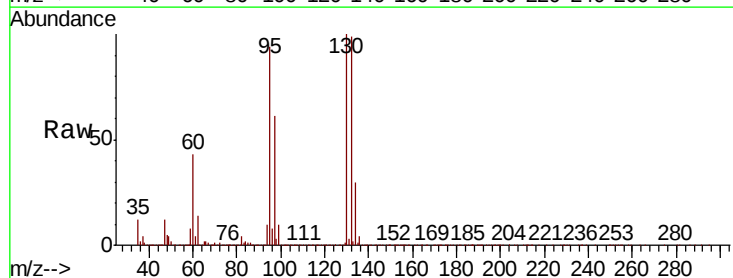
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	13.4	10.5	15.7

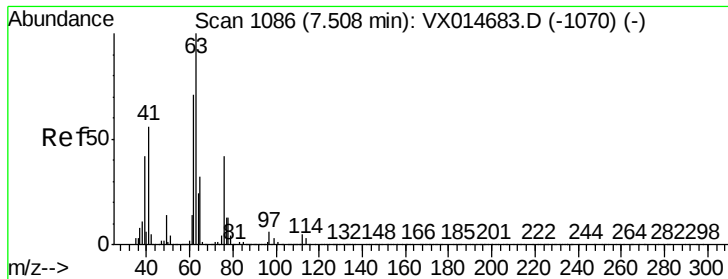


#44

Trichloroethene
 Concen: 50.080 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	179.8





#45

1,2-Dichloropropane

Concen: 51.224 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

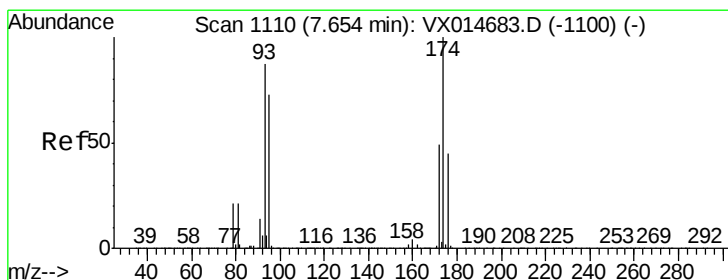
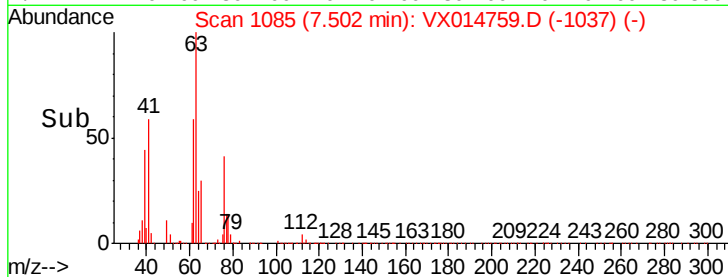
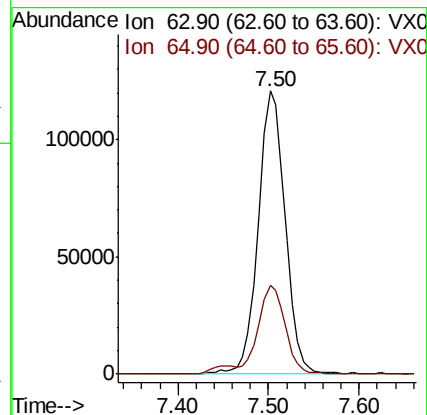
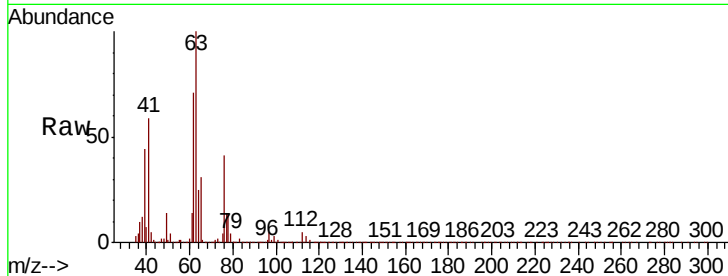
ClientSampleId :

Tot Ion: 63 Resp: 247626

Ion Ratio Lower Upper

63 100

65 31.3 25.2 37.8



#46

Dibromomethane

Concen: 51.087 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

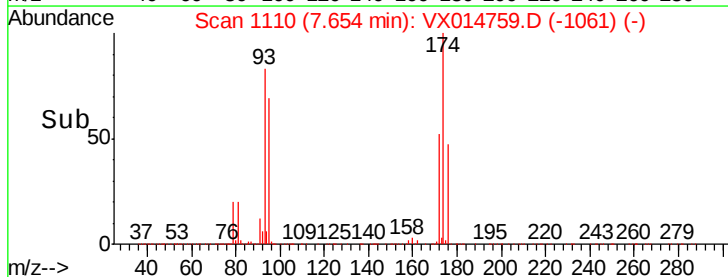
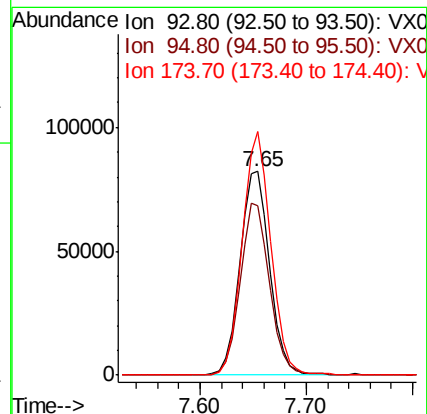
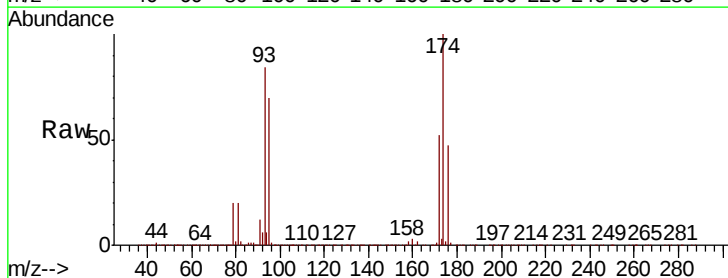
Tgt Ion: 93 Resp: 159947

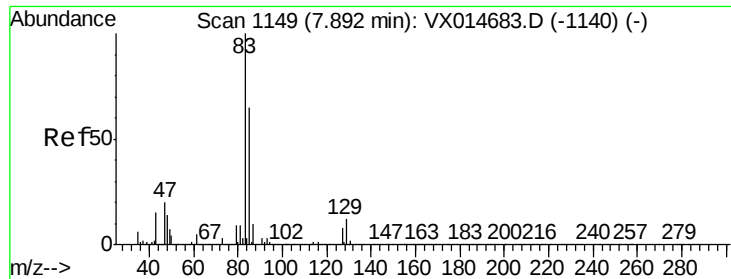
Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.4

174 116.2 90.2 135.2





#47

Bromodichloromethane

Concen: 53.575 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

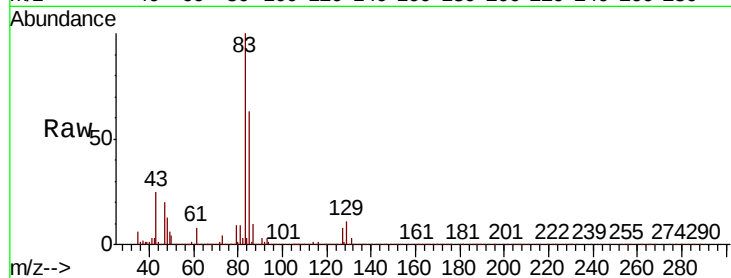
Tot Ion: 83 Resp: 328987

Ion Ratio Lower Upper

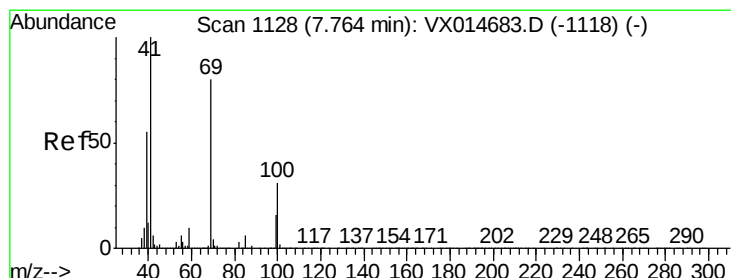
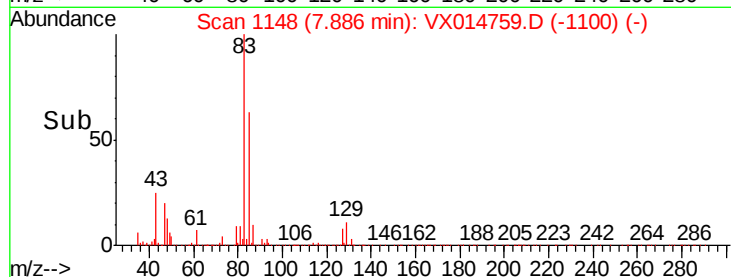
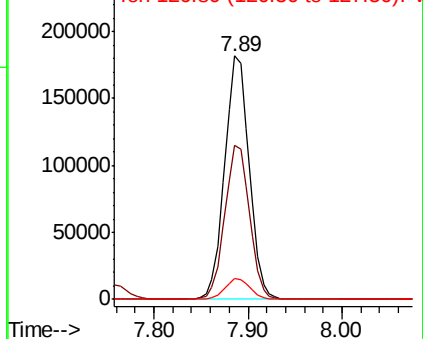
83 100

85 63.3 52.2 78.2

127 8.4 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: 51.774 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

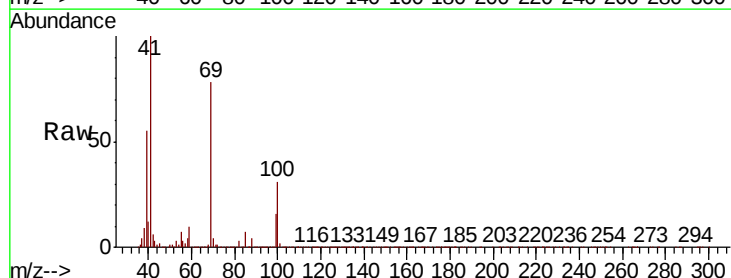
Tgt Ion: 41 Resp: 281766

Ion Ratio Lower Upper

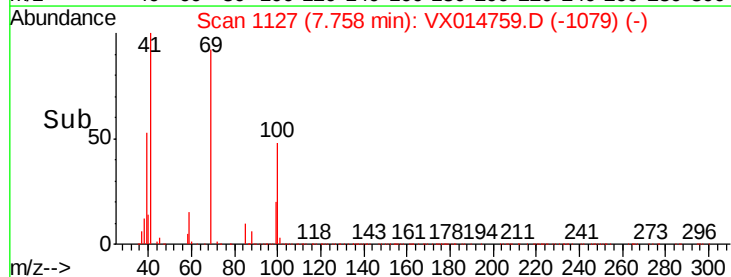
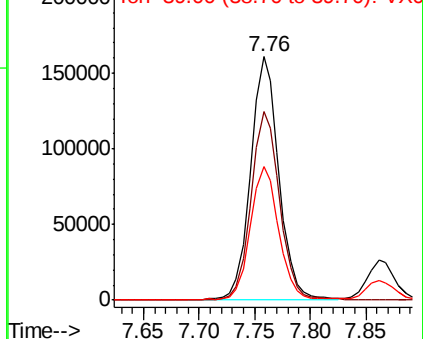
41 100

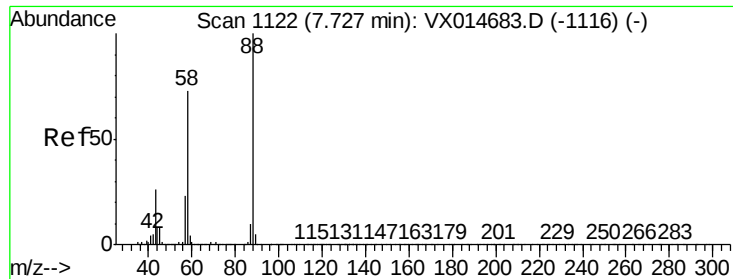
69 78.7 63.5 95.3

39 55.3 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: 867.365 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

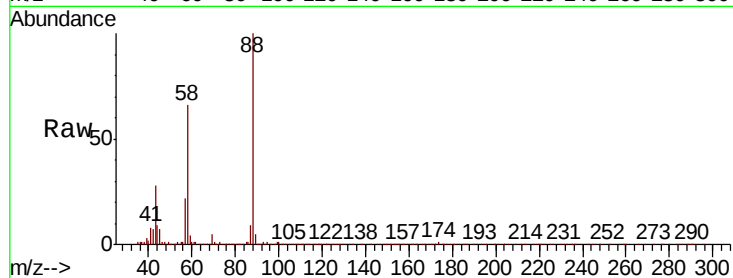
Tot Ion: 88 Resp: 100061

Ion Ratio Lower Upper

88 100

43 33.0 26.2 39.2

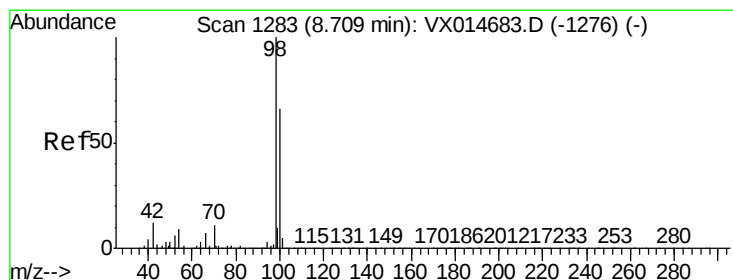
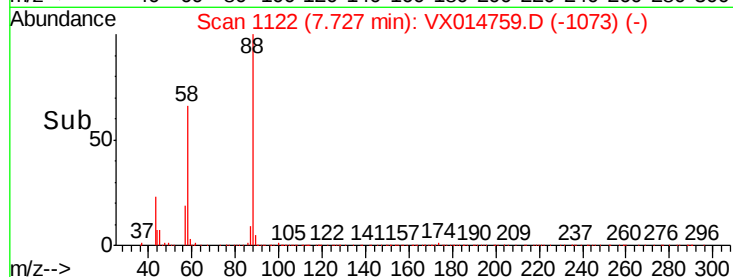
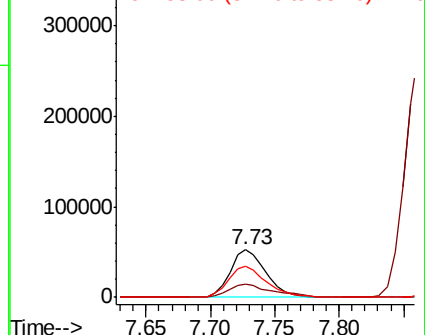
58 70.2 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.323 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014759.D

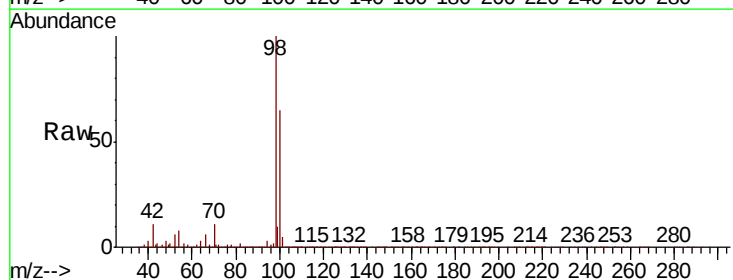
Acq: 29 Jan 2020 10:21

Tgt Ion: 98 Resp: 766144

Ion Ratio Lower Upper

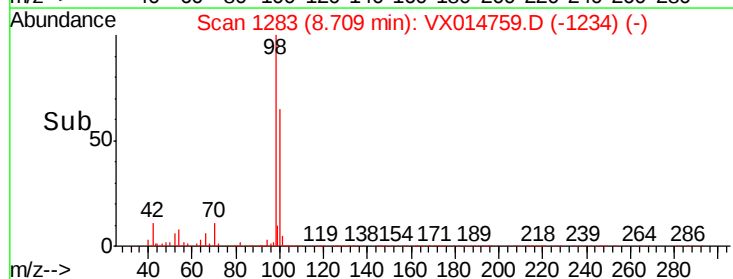
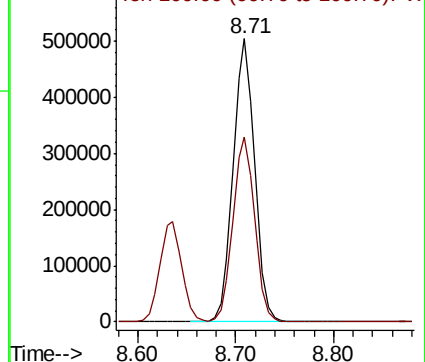
98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 241.355 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

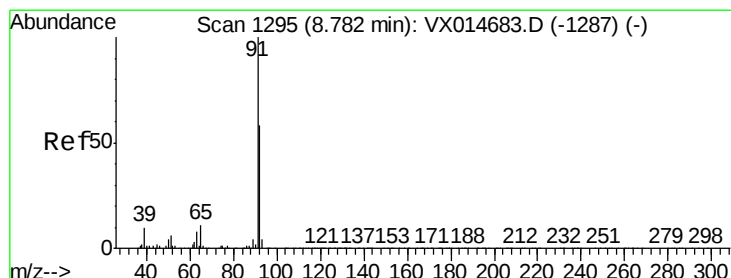
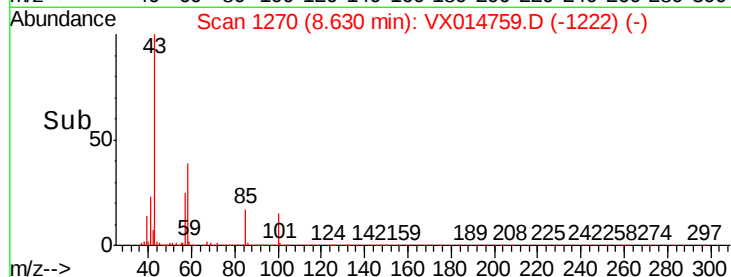
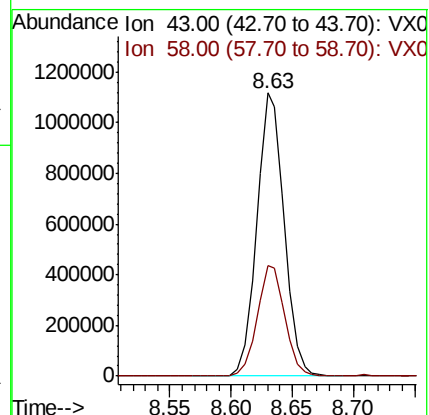
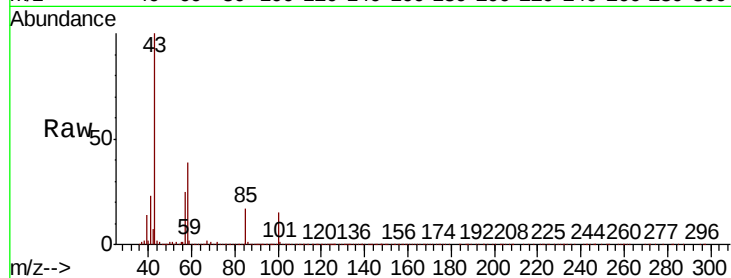
ClientSampleId :

Tot Ion: 43 Resp: 1735091

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



#52

Toluene

Concen: 52.401 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014759.D

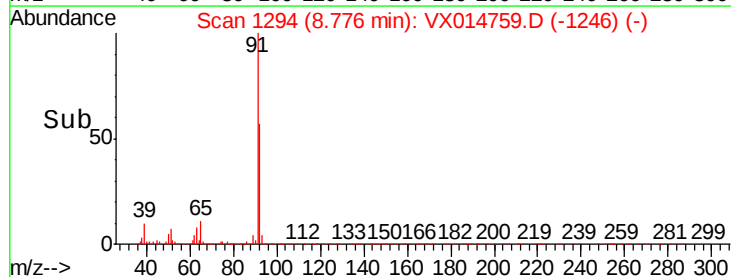
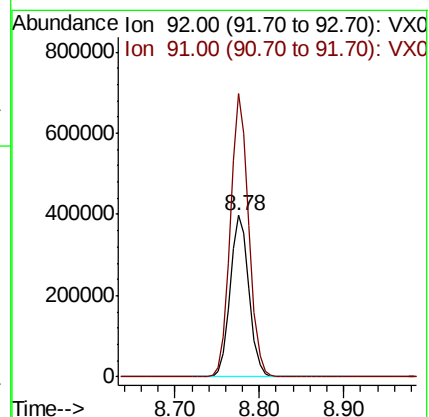
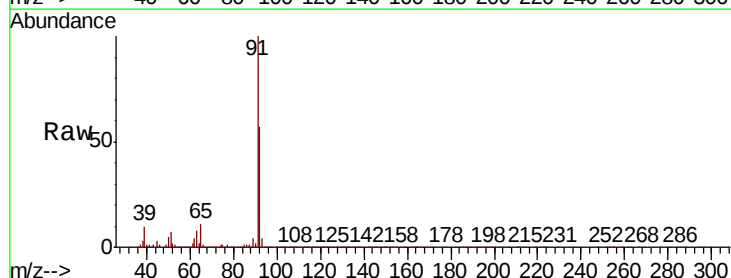
Acq: 29 Jan 2020 10:21

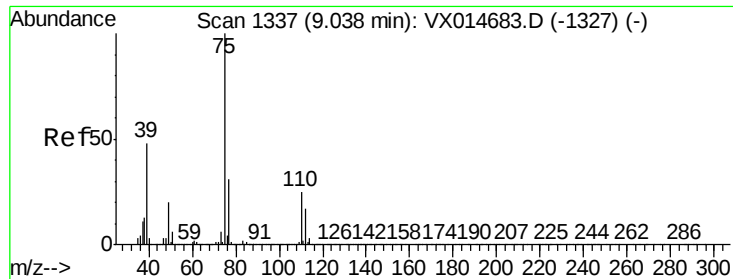
Tgt Ion: 92 Resp: 604426

Ion Ratio Lower Upper

92 100

91 171.9 135.9 203.9

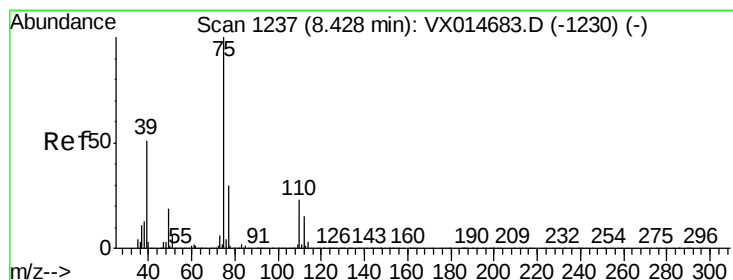
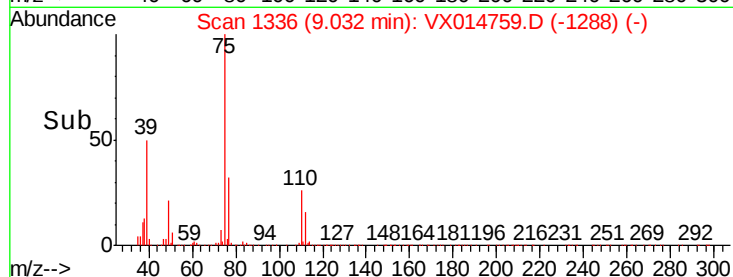
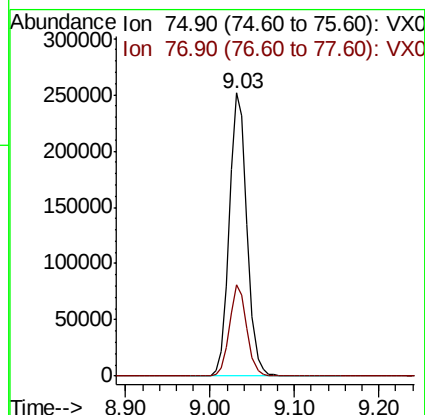
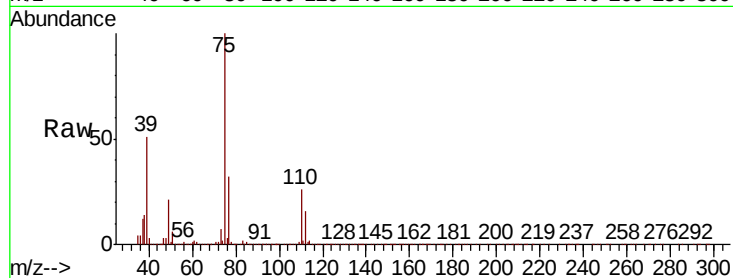




#53
t-1,3-Dichloropropene
Concen: 54.727 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

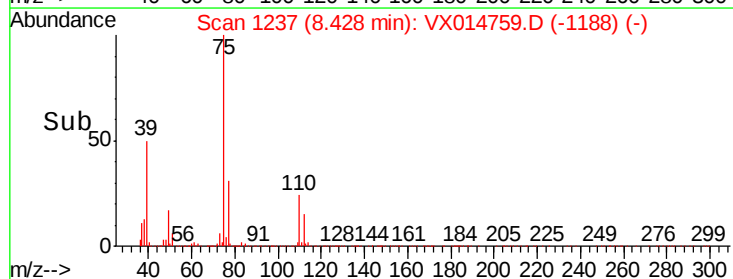
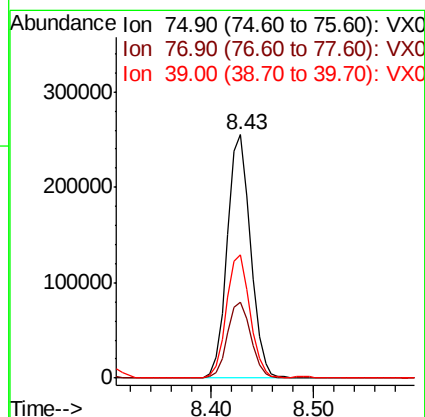
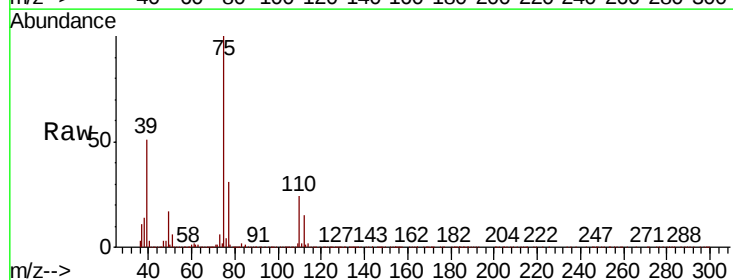
Instrument :
MSVOA_X
ClientSampleId :

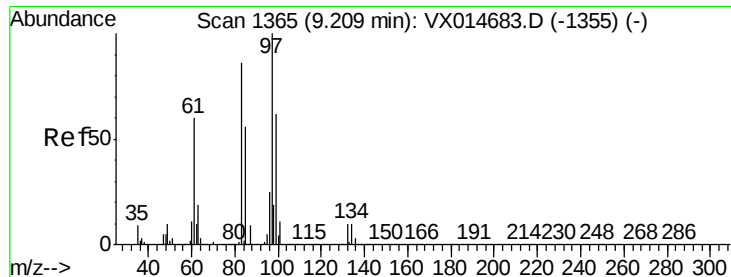
Tot Ion: 75 Resp: 361859
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 55.380 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 75 Resp: 402830
Ion Ratio Lower Upper
75 100
77 31.2 23.9 35.9
39 50.4 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 52.052 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 245817

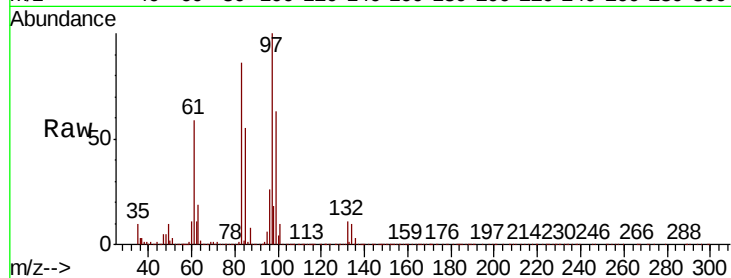
Ion Ratio Lower Upper

97 100

83 85.5 69.2 103.8

85 55.2 44.6 67.0

99 63.3 50.1 75.1

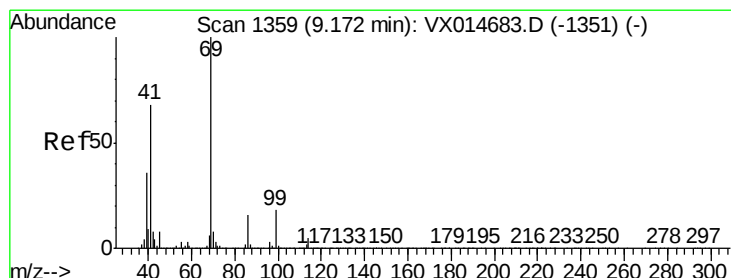
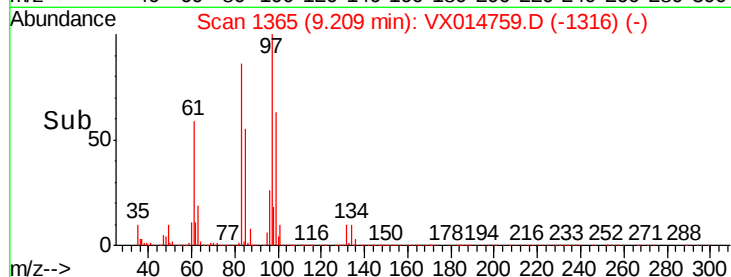
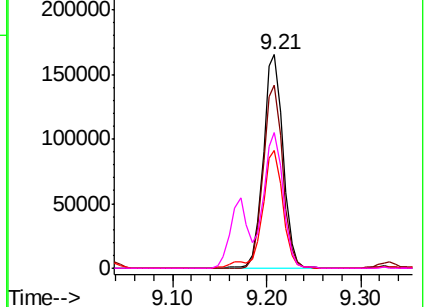


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.174 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

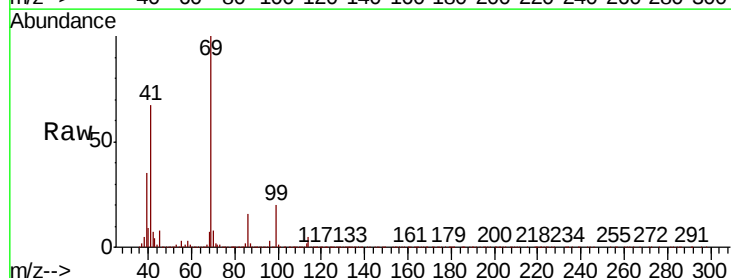
Tgt Ion: 69 Resp: 385154

Ion Ratio Lower Upper

69 100

41 68.6 54.9 82.3

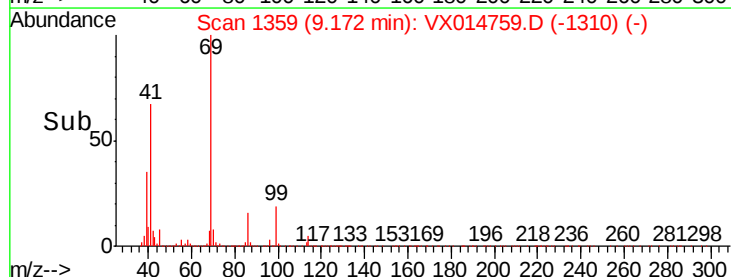
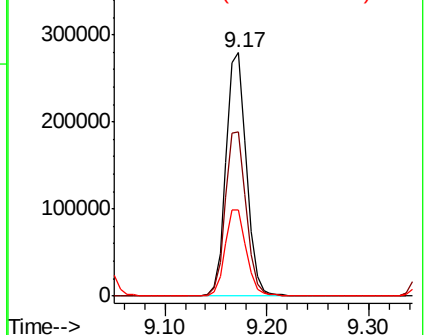
39 36.6 29.3 43.9

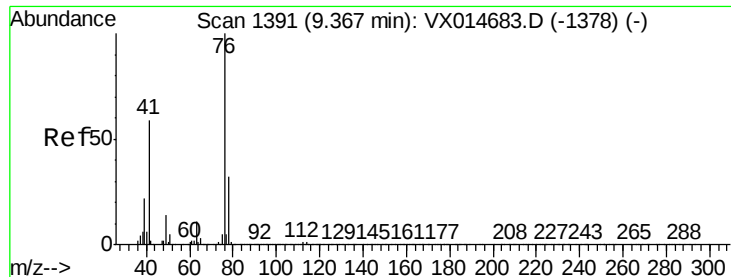


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.374 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

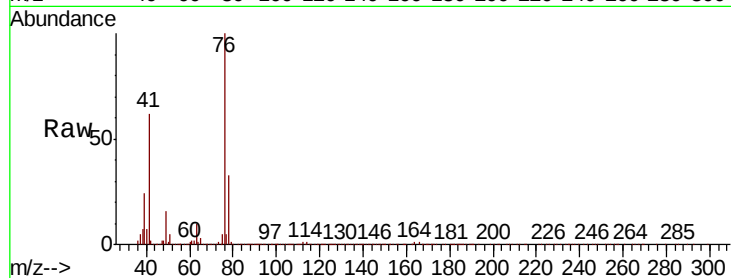
ClientSampleId :

Tot Ion: 76 Resp: 414746

Ion Ratio Lower Upper

76 100

78 32.2 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

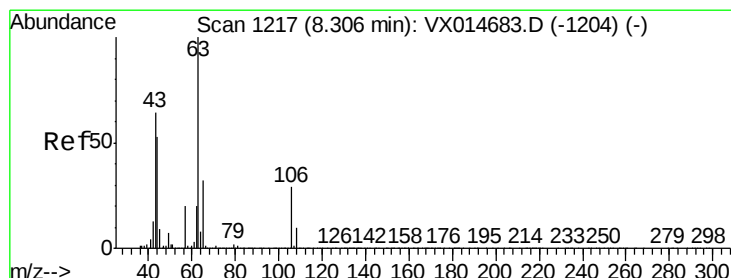
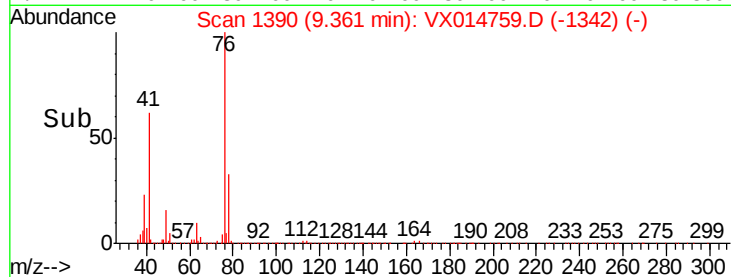
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 291.654 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014759.D

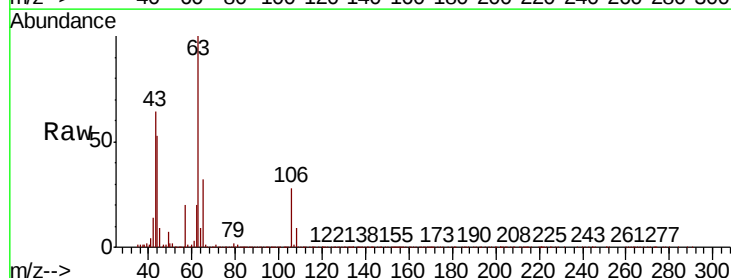
Acq: 29 Jan 2020 10:21

Tgt Ion: 63 Resp: 692681

Ion Ratio Lower Upper

63 100

106 28.5 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

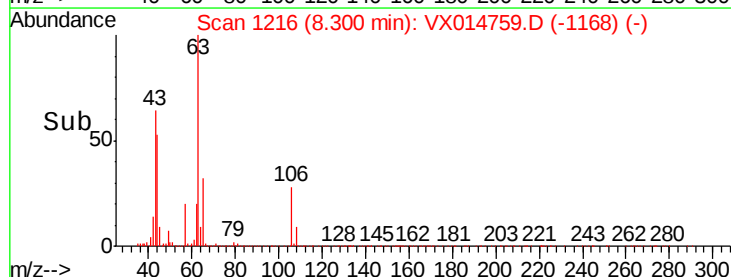
300000

200000

100000

0

Time-->





#59

2-Hexanone

Concen: 240.908 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

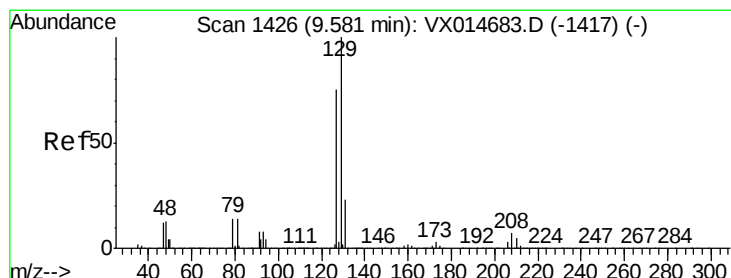
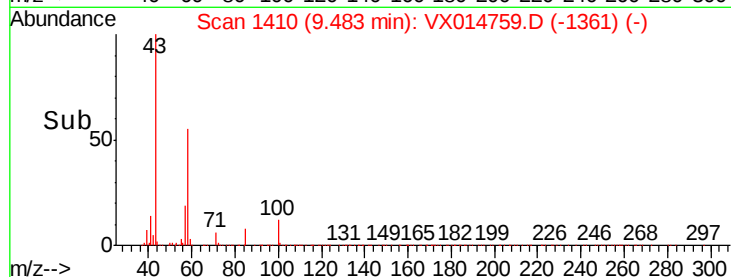
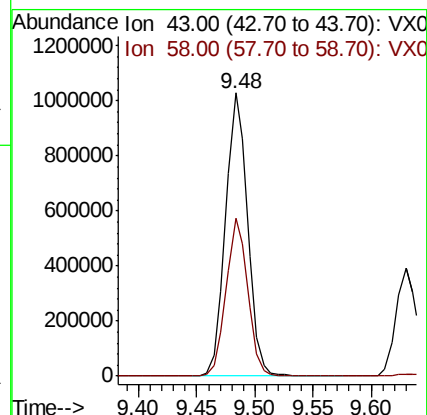
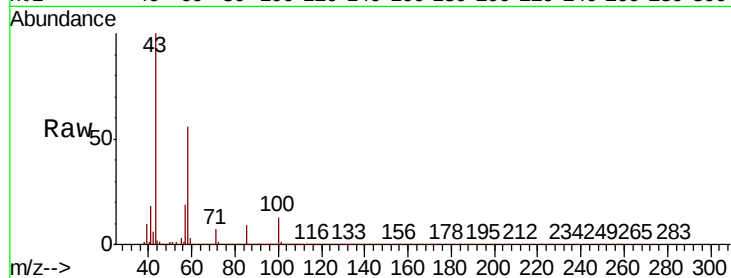
ClientSampleId :

Tot Ion: 43 Resp: 1343914

Ion Ratio Lower Upper

43 100

58 54.6 27.2 81.5



#60

Dibromochloromethane

Concen: 53.684 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014759.D

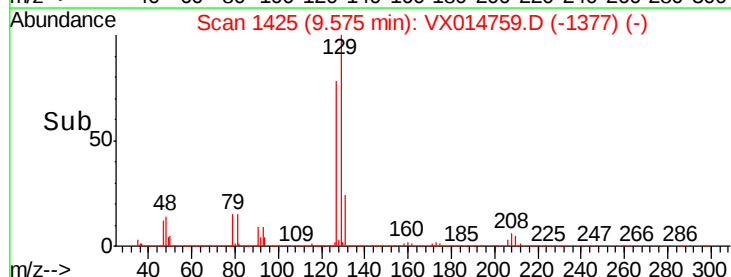
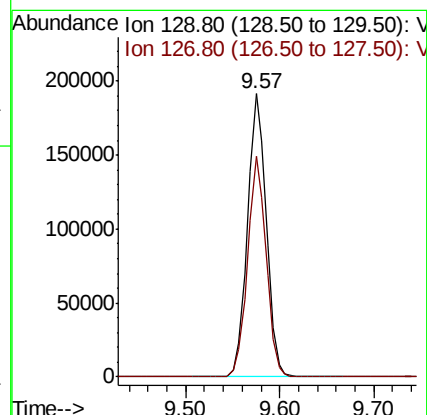
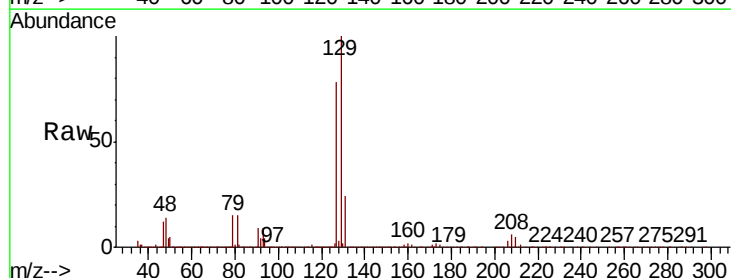
Acq: 29 Jan 2020 10:21

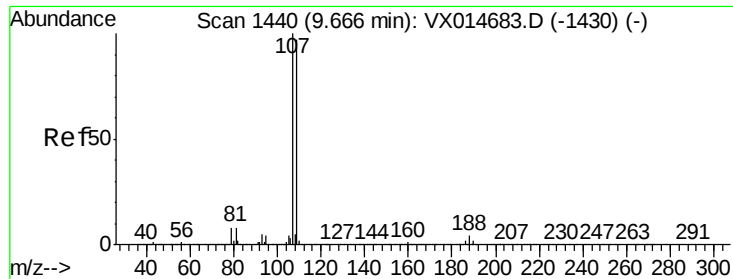
Tgt Ion: 129 Resp: 264627

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.165 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

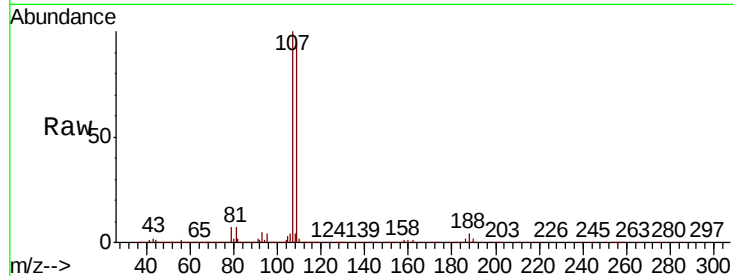
ClientSampleId :

Tot Ion:107 Resp: 255475

Ion Ratio Lower Upper

107 100

109 94.9 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

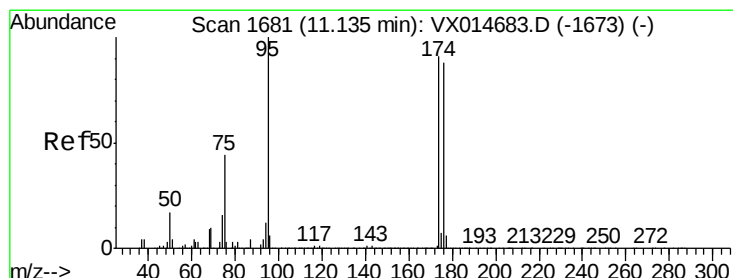
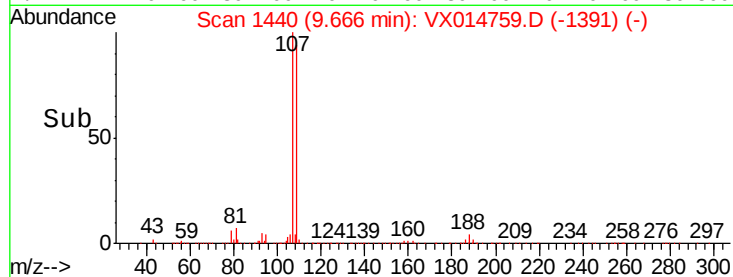
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.216 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

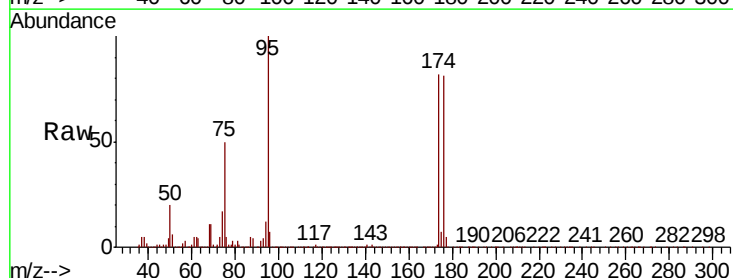
Tgt Ion: 95 Resp: 272313

Ion Ratio Lower Upper

95 100

174 89.2 0.0 176.0

176 87.1 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

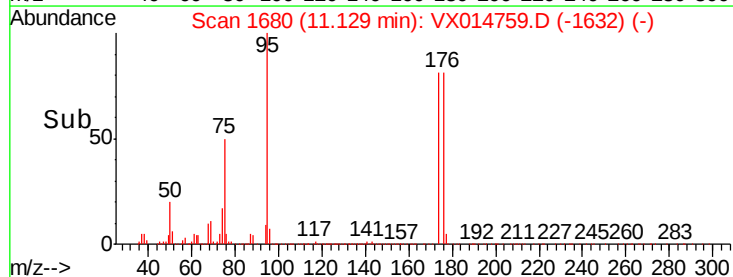
150000

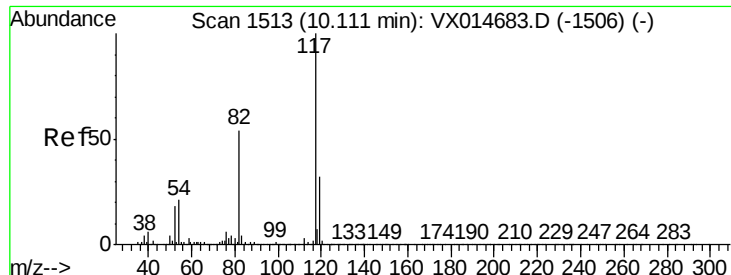
100000

50000

0

Time-->

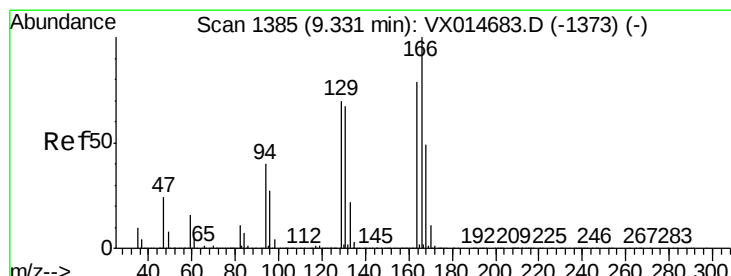
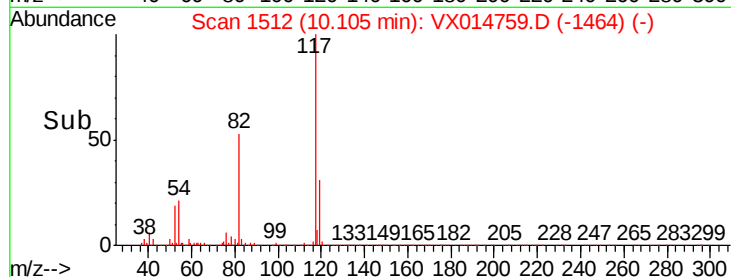
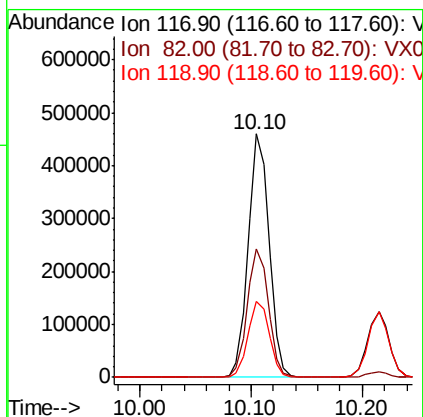
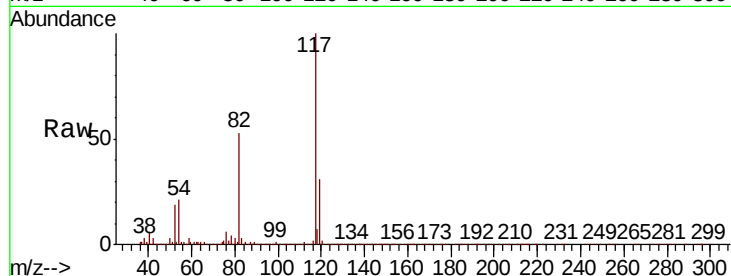




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

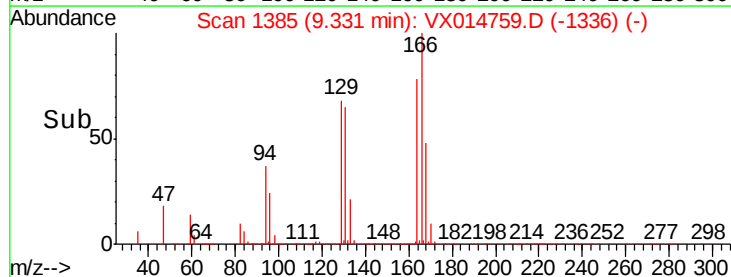
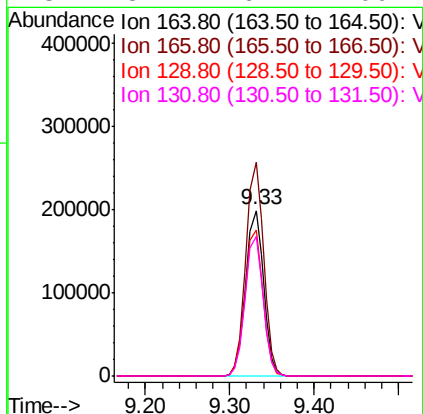
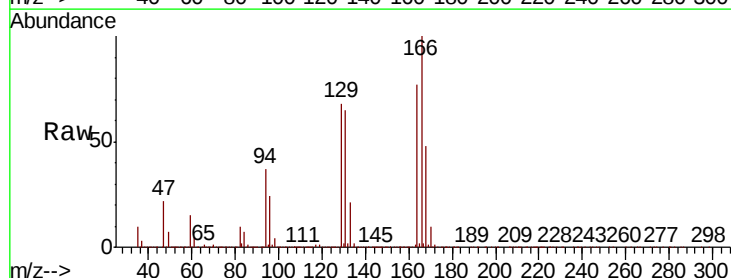
Instrument :
MSVOA_X
ClientSampleId :

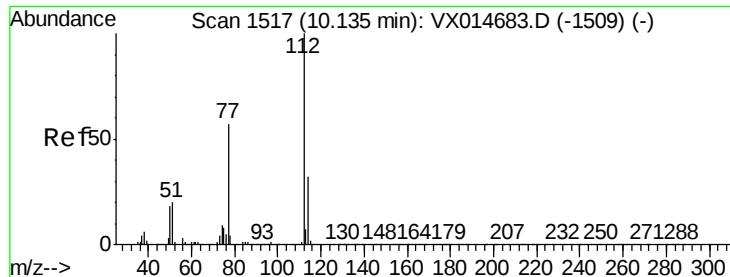
Tot Ion:117 Resp: 602429
Ion Ratio Lower Upper
117 100
82 52.8 43.2 64.8
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 47.070 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion:164 Resp: 280689
Ion Ratio Lower Upper
164 100
166 129.1 100.9 151.3
129 88.3 71.0 106.6
131 84.2 67.1 100.7





#65

Chlorobenzene

Concen: 50.737 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

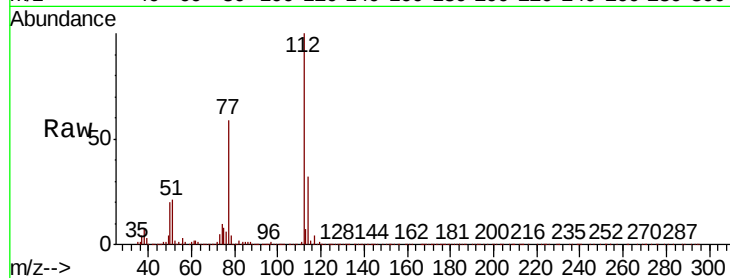
ClientSampleId :

Tot Ion:112 Resp: 653774

Ion Ratio Lower Upper

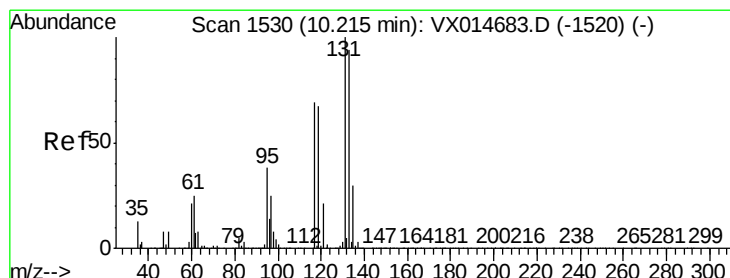
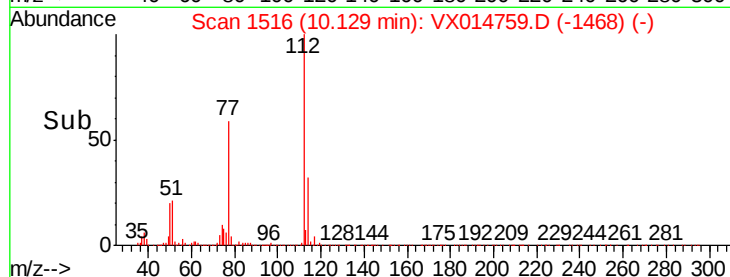
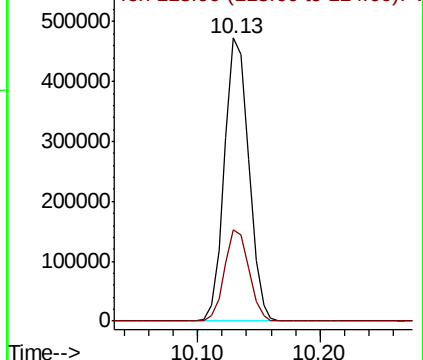
112 100

114 32.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.405 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

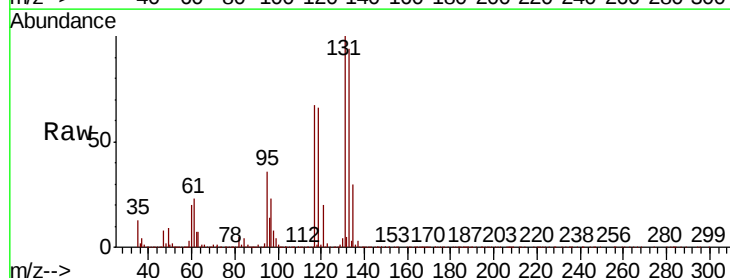
Tgt Ion:131 Resp: 248974

Ion Ratio Lower Upper

131 100

133 94.1 47.4 142.3

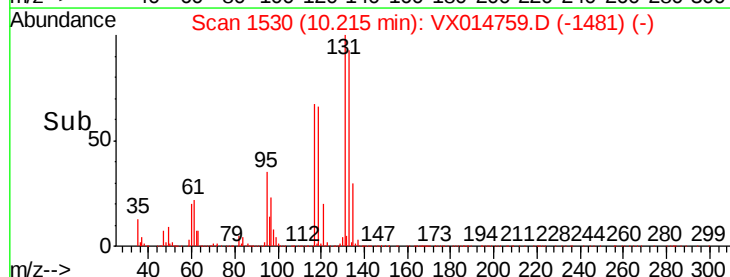
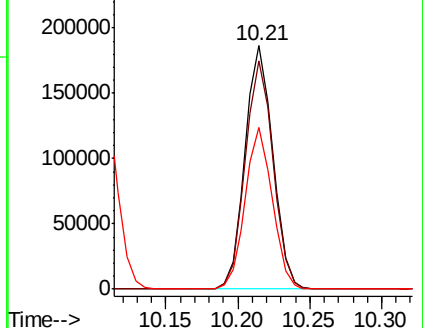
119 64.7 33.3 99.8

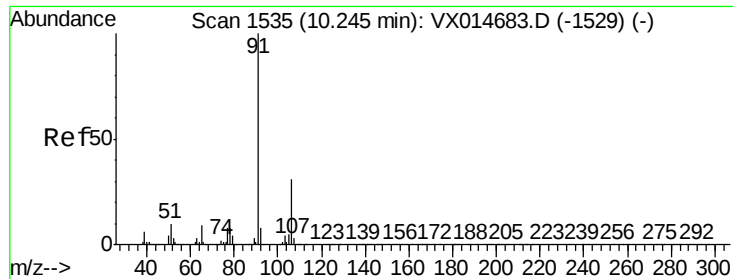


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.669 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

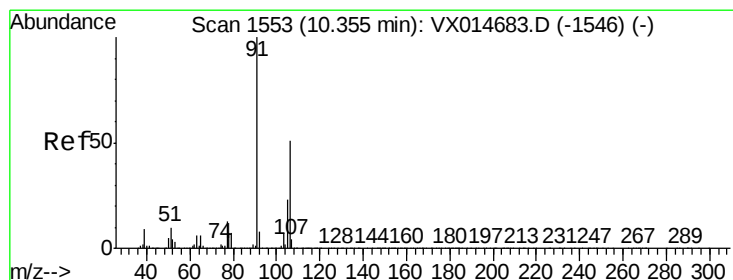
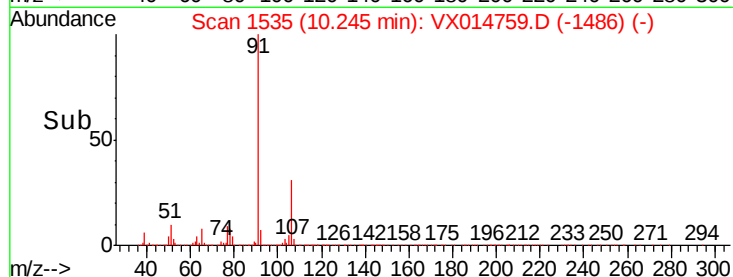
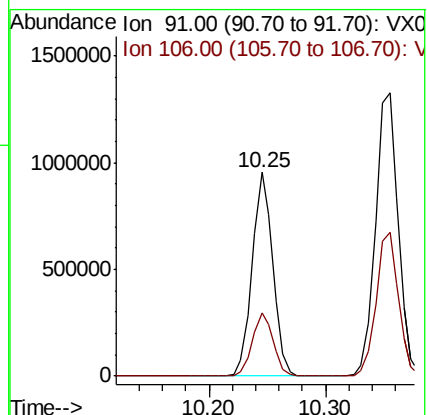
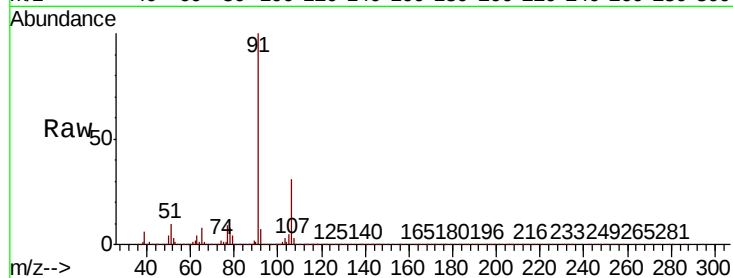
ClientSampleId :

Tot Ion: 91 Resp: 1180826

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 107.732 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014759.D

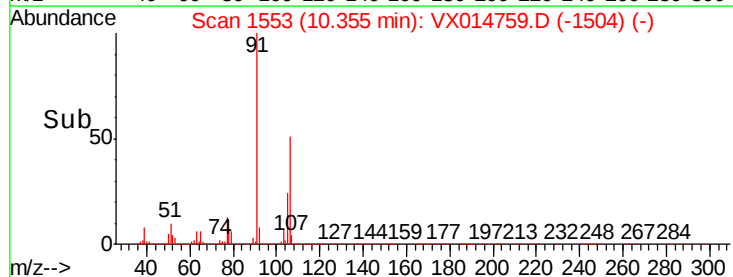
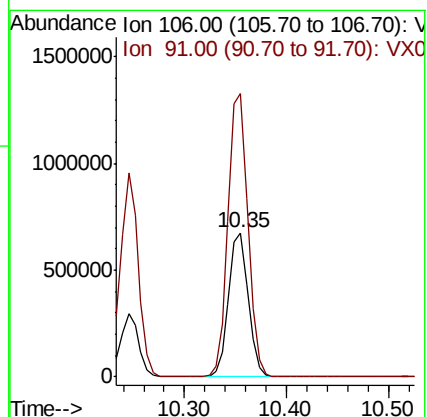
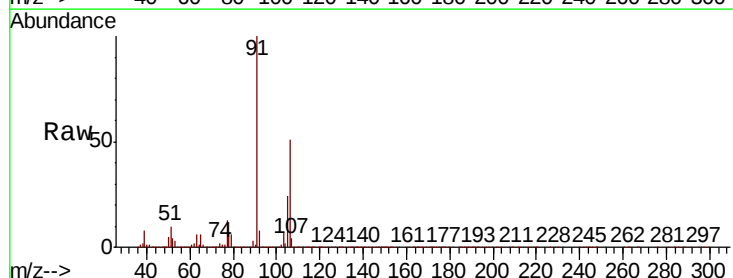
Acq: 29 Jan 2020 10:21

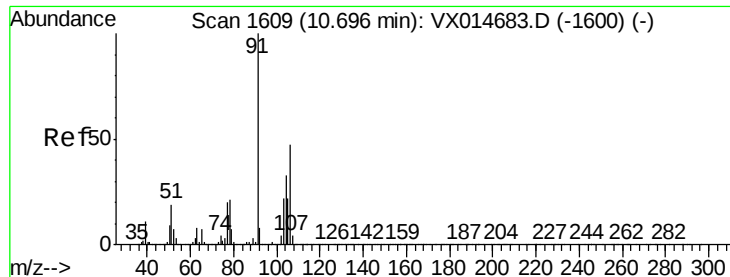
Tgt Ion: 106 Resp: 897989

Ion Ratio Lower Upper

106 100

91 199.6 159.4 239.2

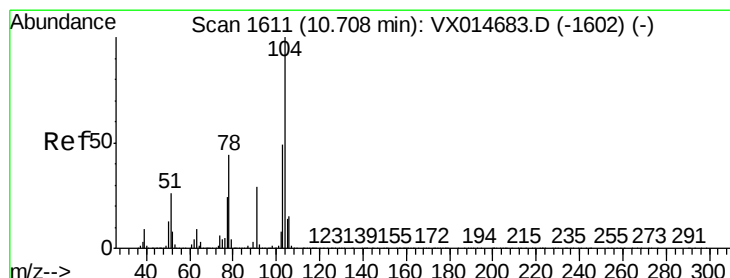
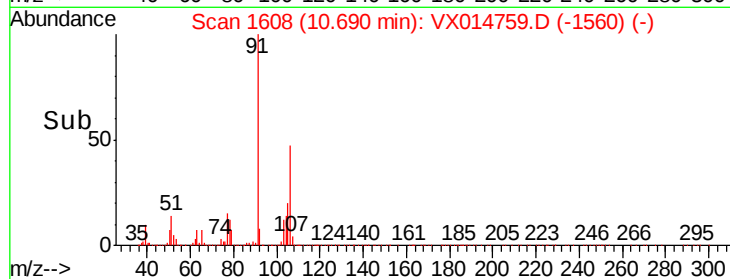
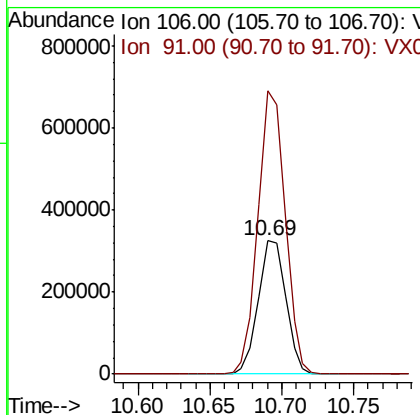
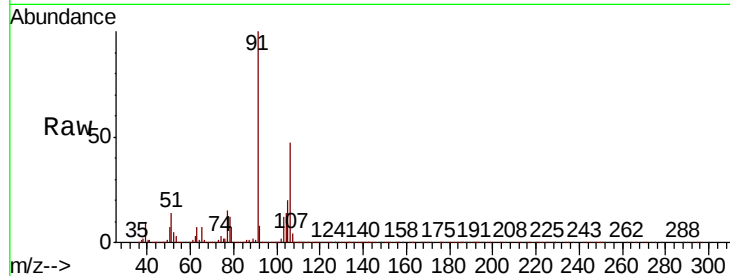




#69
o-Xylene
Concen: 53.578 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

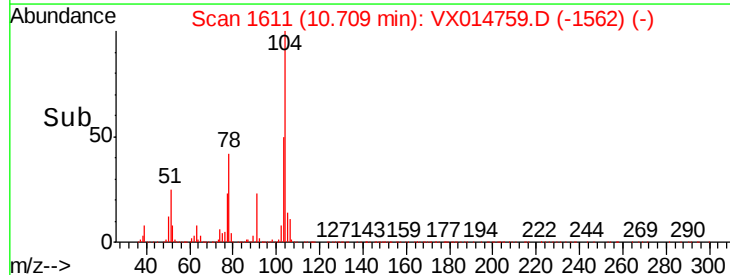
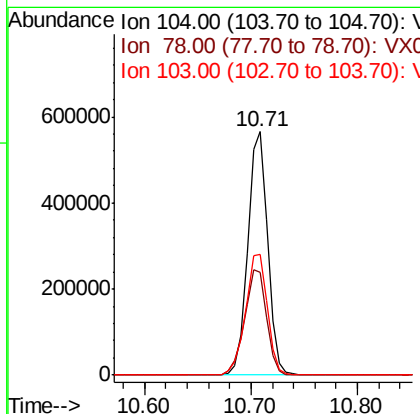
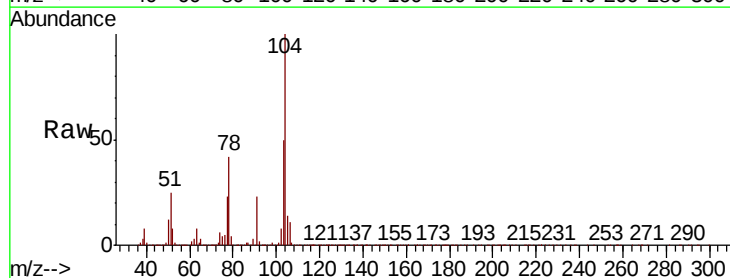
Instrument :
MSVOA_X
ClientSampleId :

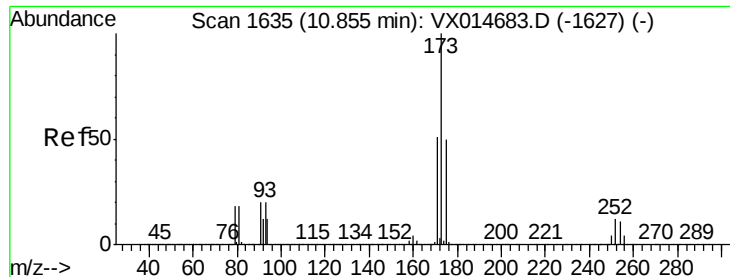
Tot Ion:106 Resp: 431144
Ion Ratio Lower Upper
106 100
91 209.4 106.2 318.6



#70
Styrene
Concen: 54.907 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion:104 Resp: 741164
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 54.7 43.5 65.3





#71

Bromoform

Concen: 53.559 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampled :

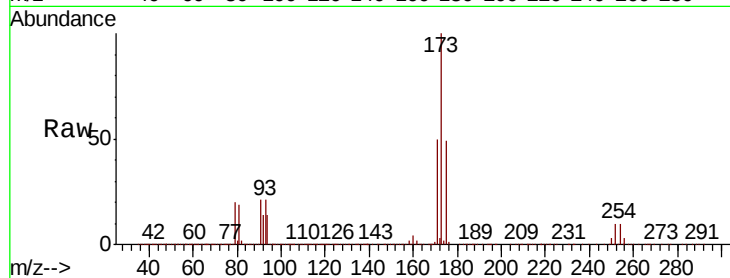
Tot Ion:173 Resp: 202355

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

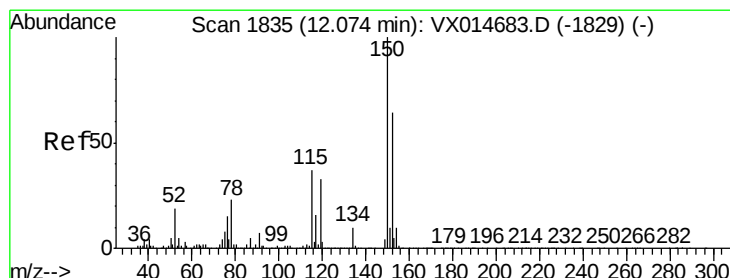
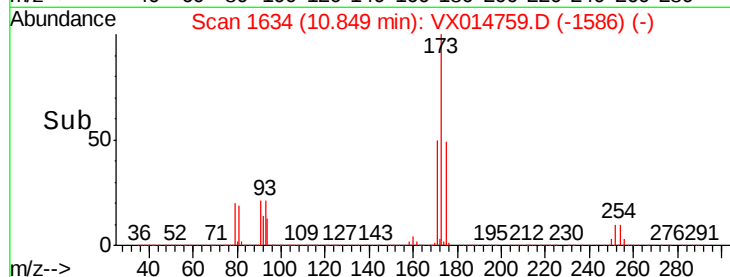
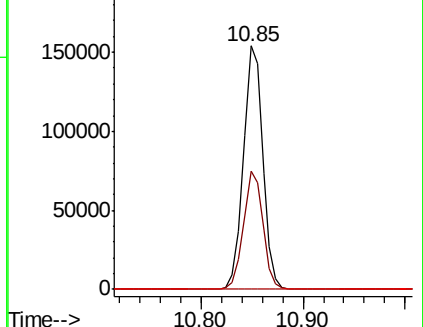
254 0.2 0.1 0.1#



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: VX014759.D

Acq: 29 Jan 2020 10:21

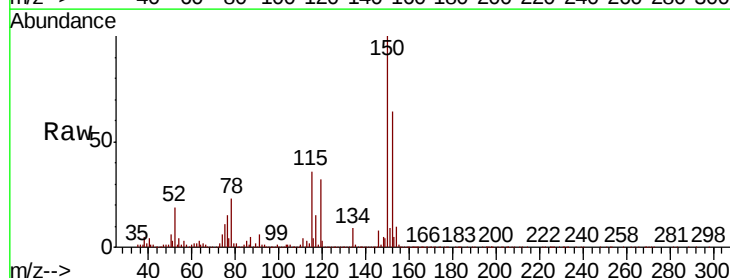
Tgt Ion:152 Resp: 309491

Ion Ratio Lower Upper

152 100

115 78.4 39.4 118.1

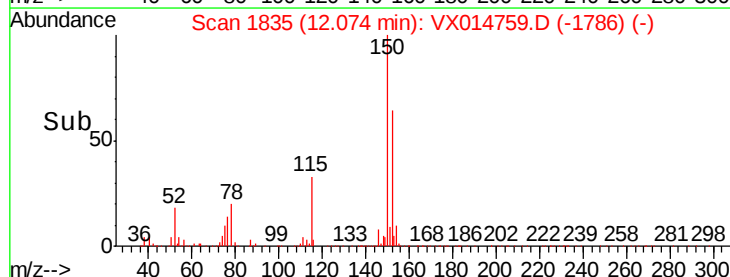
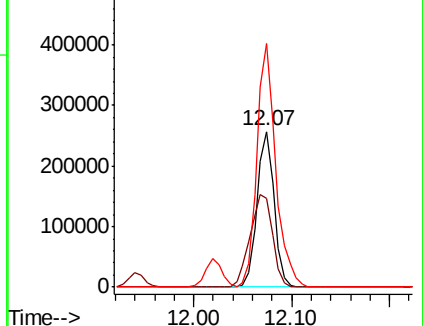
150 172.4 0.0 351.2

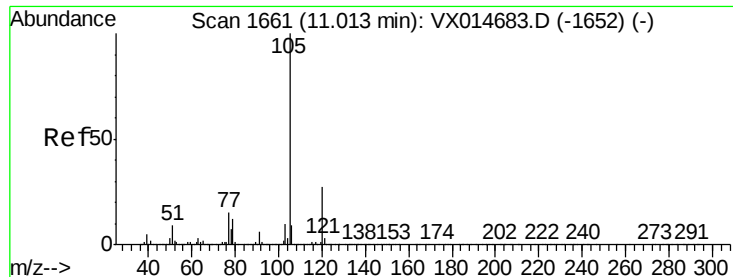


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

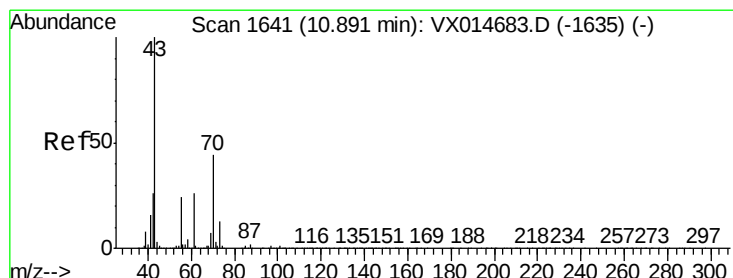
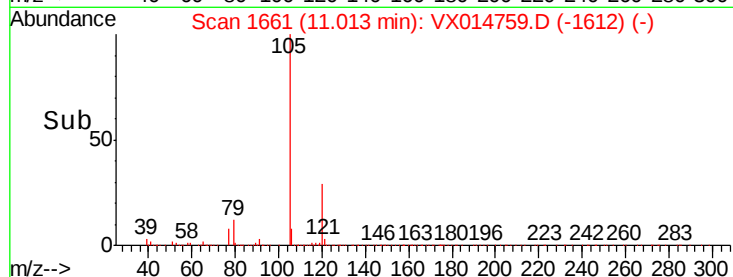
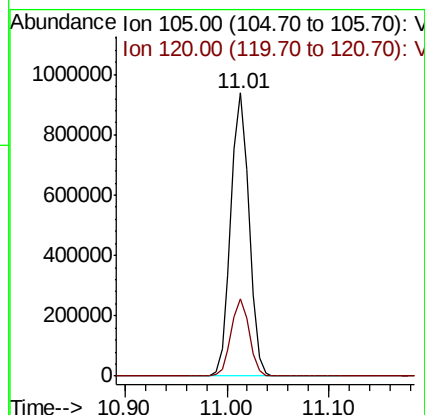
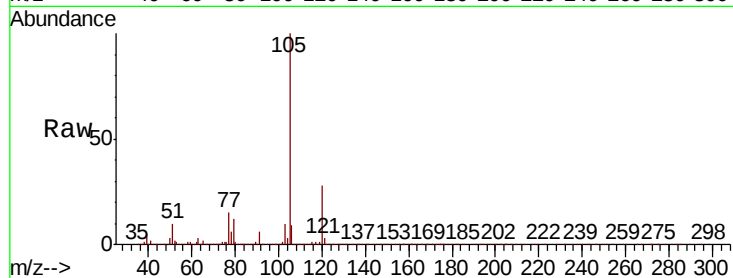
ClientSampleId :

Tot Ion:105 Resp: 1152896

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 51.632 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion: 43 Resp: 492369

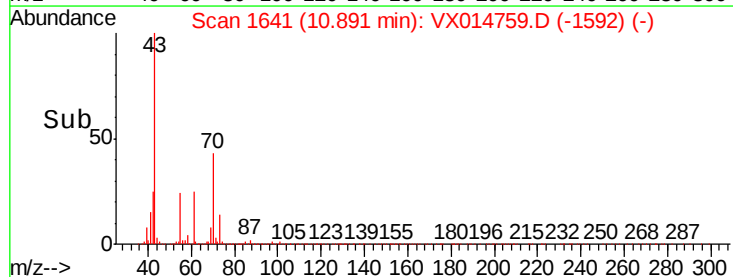
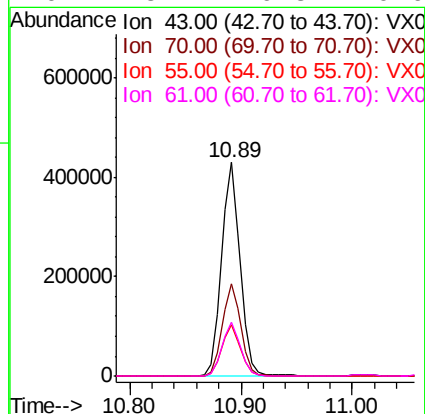
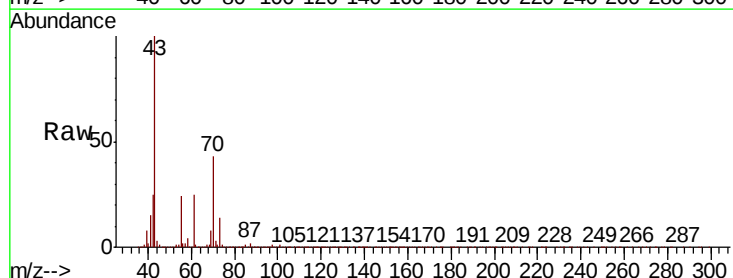
Ion Ratio Lower Upper

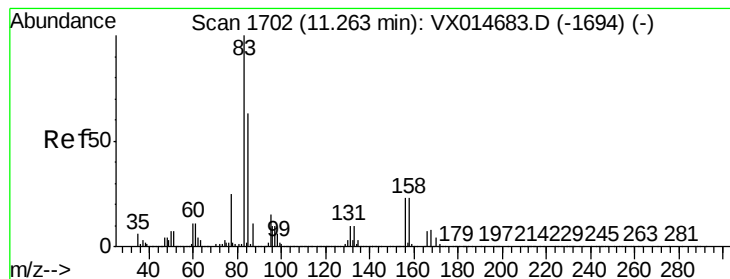
43 100

70 43.6 34.6 52.0

55 24.6 19.4 29.2

61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.854 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

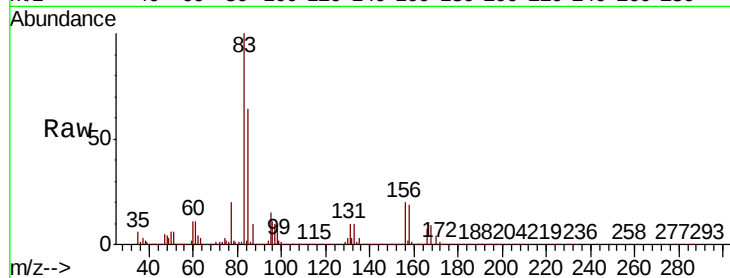
Tot Ion: 83 Resp: 364045

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

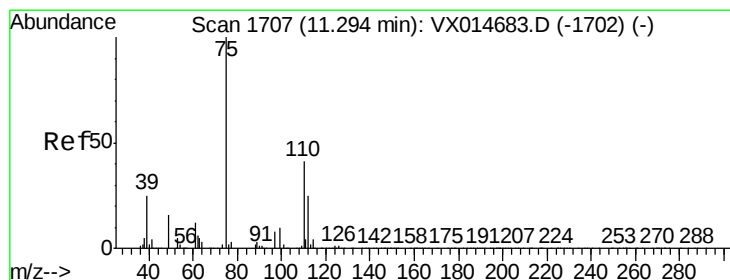
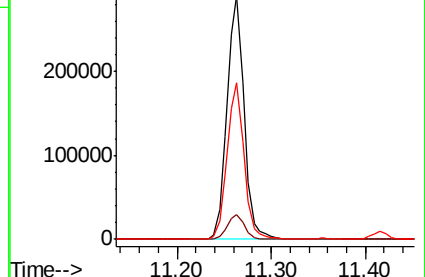
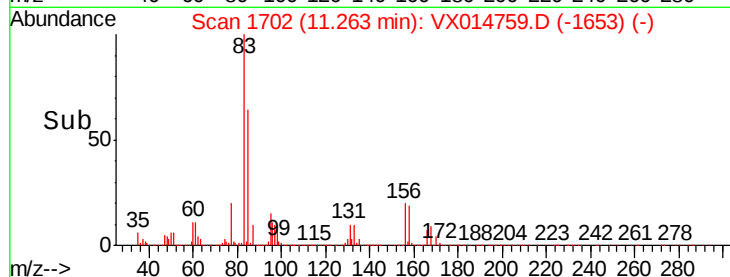
85 63.7 31.7 95.1



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: 59.683 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014759.D

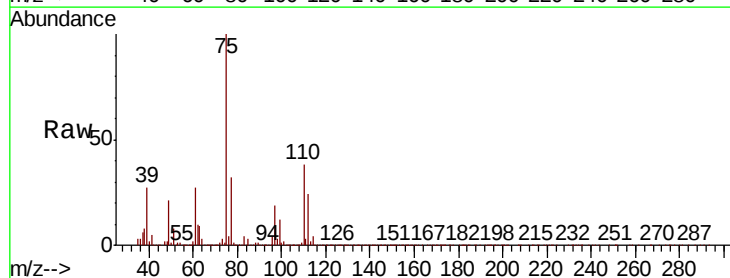
Acq: 29 Jan 2020 10:21

Tgt Ion: 75 Resp: 429747

Ion Ratio Lower Upper

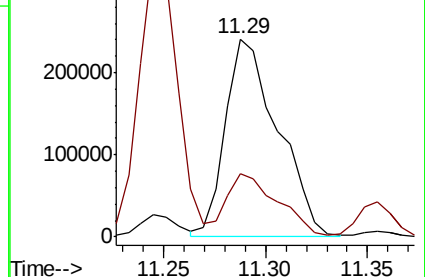
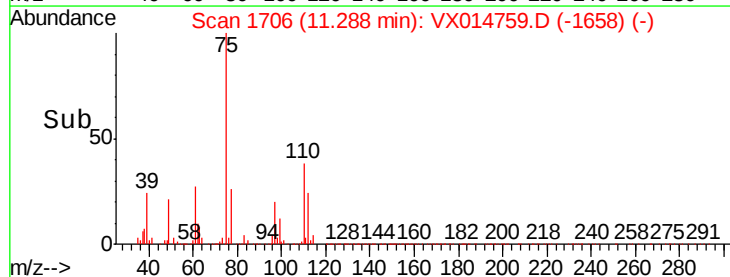
75 100

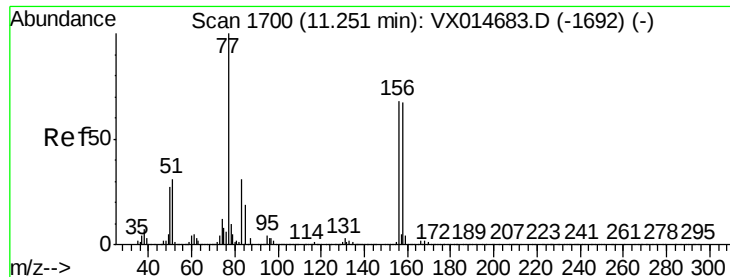
77 31.7 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.896 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

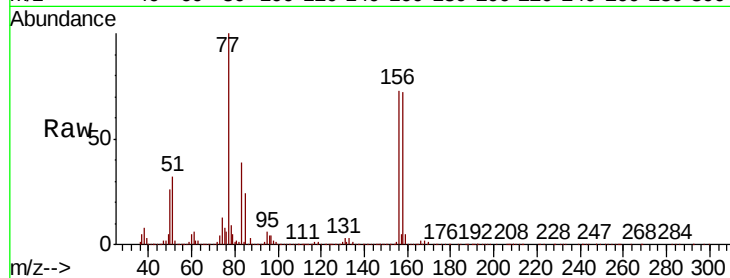
Tot Ion:156 Resp: 297543

Ion Ratio Lower Upper

156 100

77 149.4 77.5 232.5

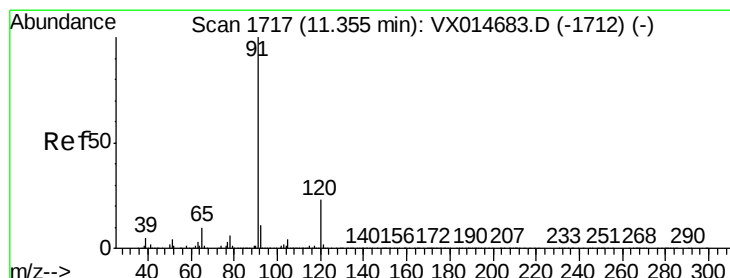
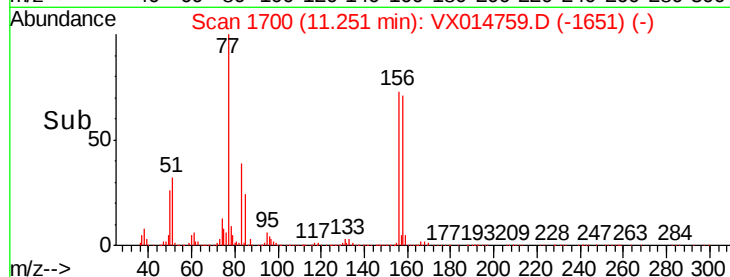
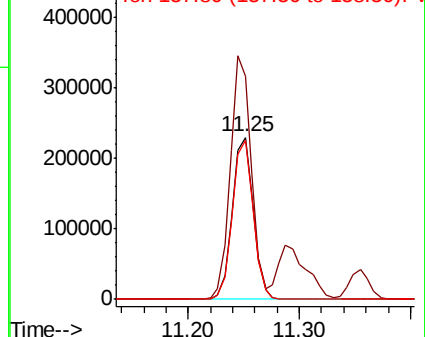
158 97.8 49.1 147.3



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: 54.005 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014759.D

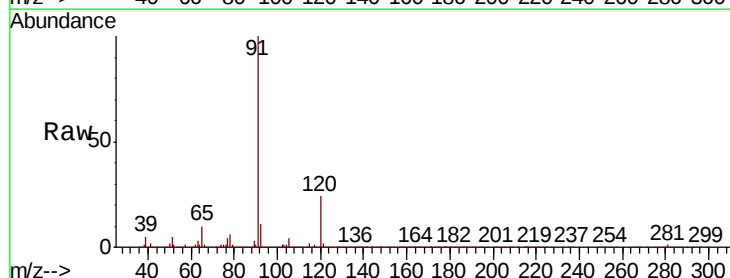
Acq: 29 Jan 2020 10:21

Tgt Ion: 91 Resp: 1334002

Ion Ratio Lower Upper

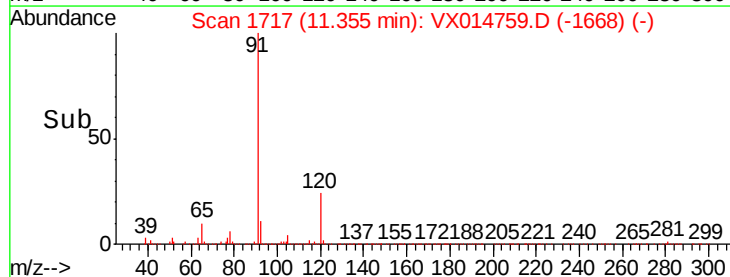
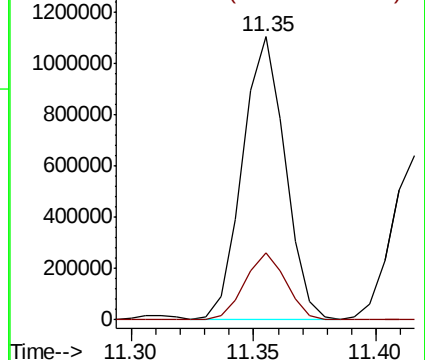
91 100

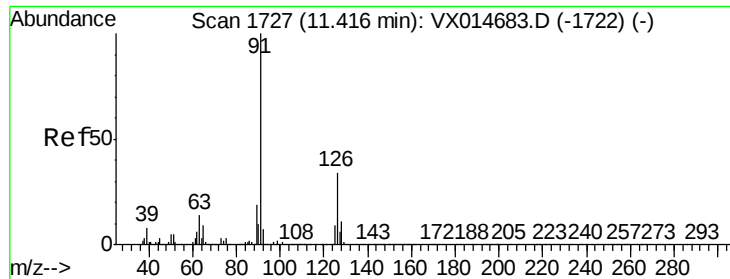
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

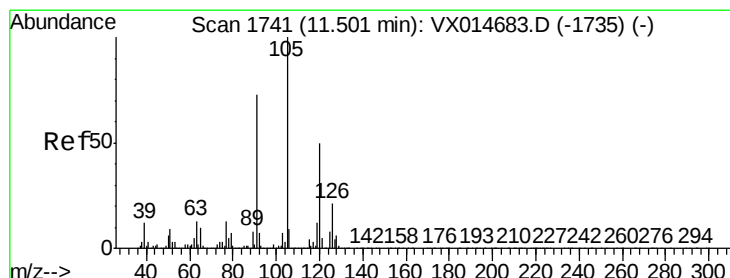
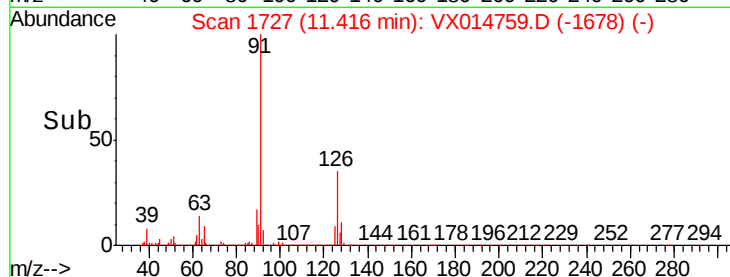
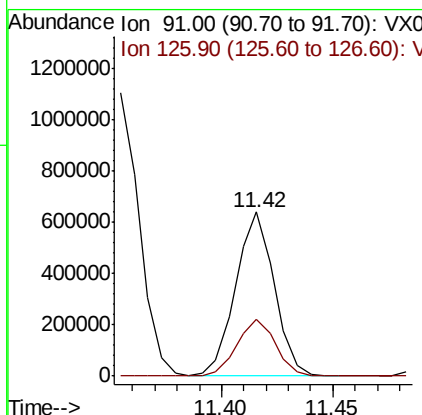
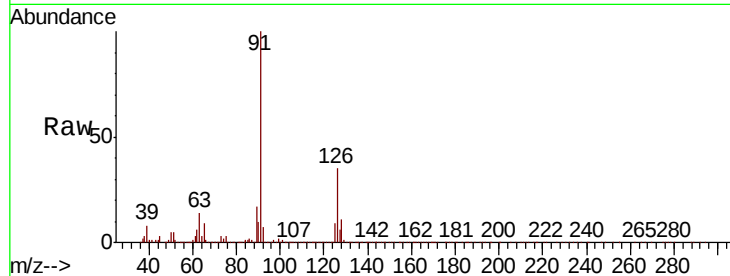




#79
 2-Chlorotoluene
 Concen: 51.453 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

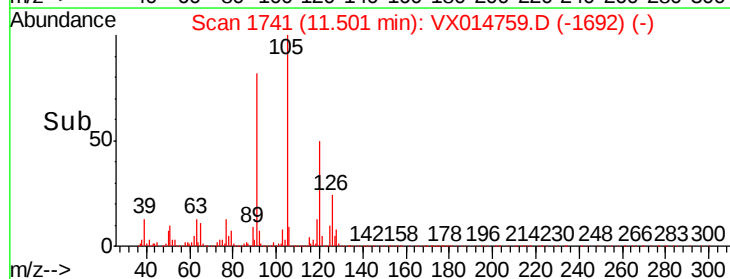
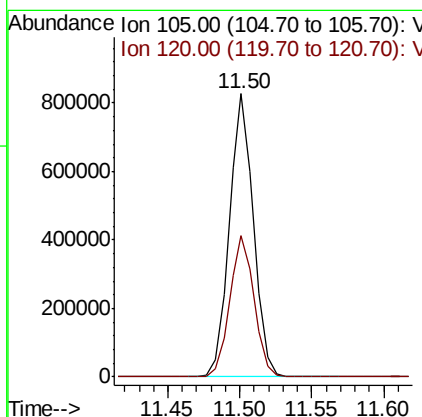
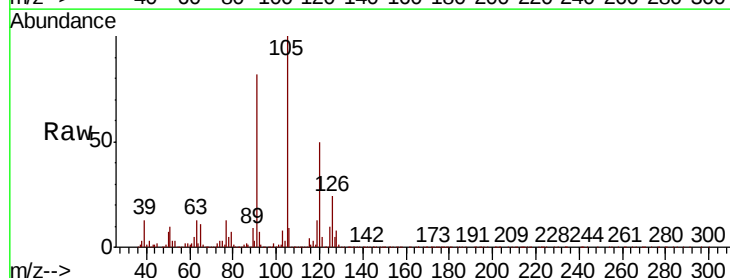
Instrument :
 MSVOA_X
 ClientSampleId :

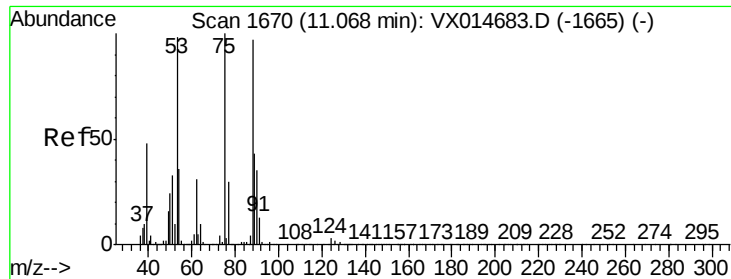
Tot Ion: 91 Resp: 769010
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 53.679 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion: 105 Resp: 969507
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6

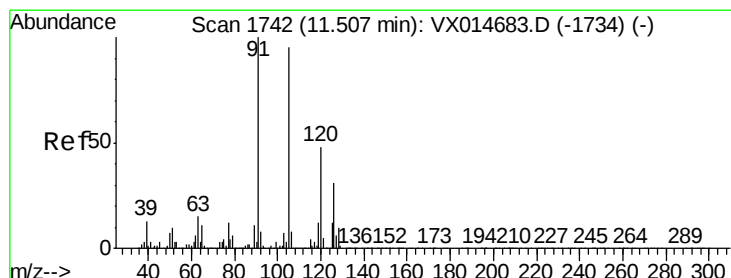
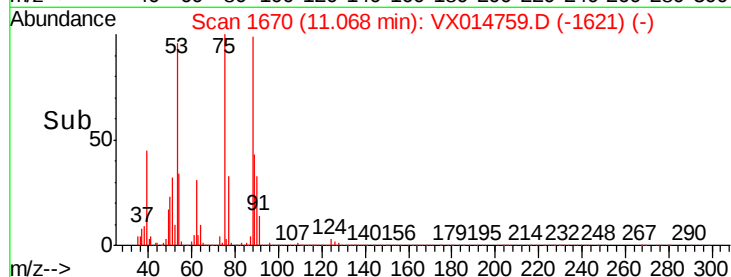
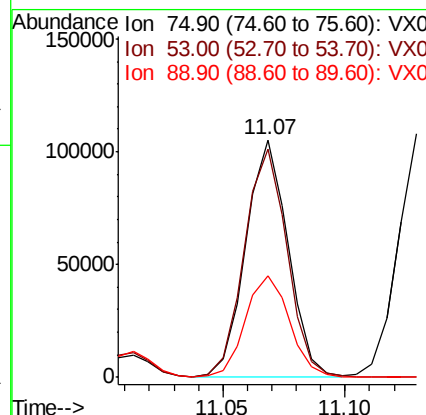
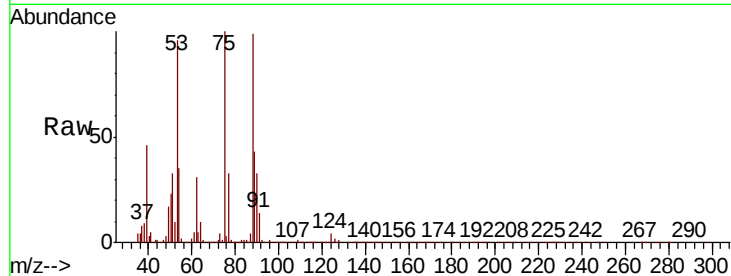




#81
trans-1,4-Dichloro-2-butene
Concen: 49.820 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

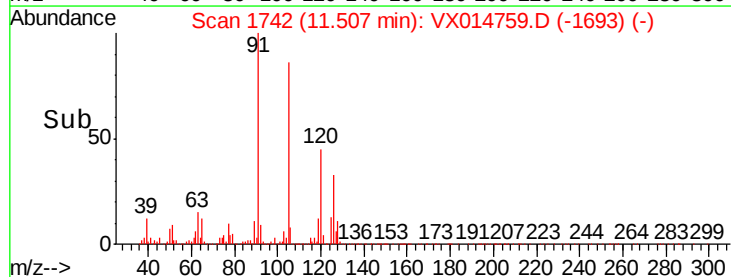
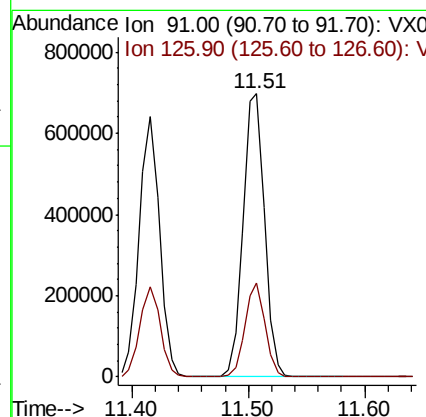
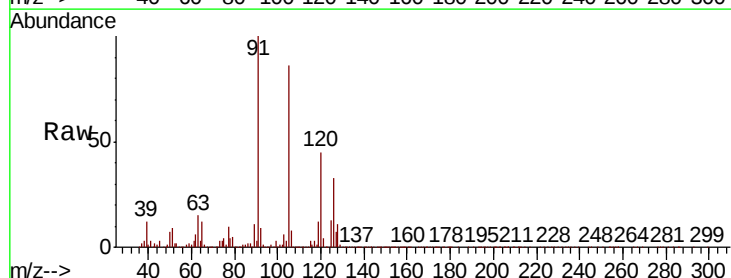
Instrument :
MSVOA_X
ClientSampled :

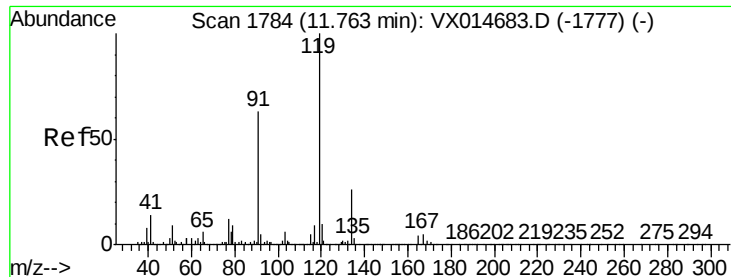
Tot Ion: 75 Resp: 126055
Ion Ratio Lower Upper
75 100
53 97.6 78.8 118.2
89 45.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.783 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 91 Resp: 898112
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4

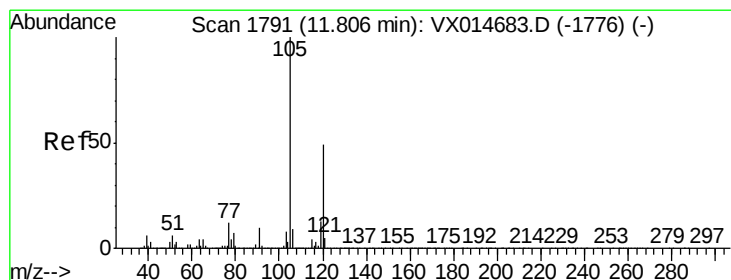
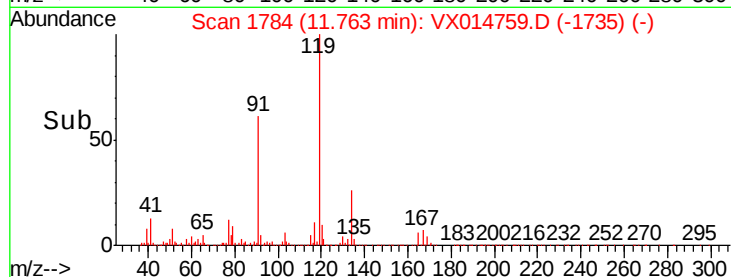
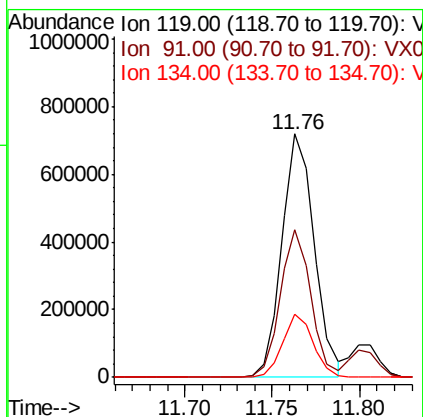
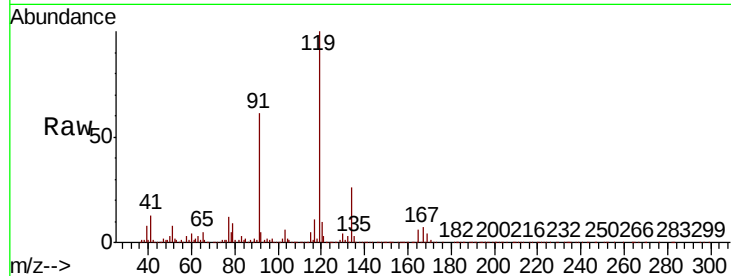




#83
tert-Butylbenzene
Concen: 54.654 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

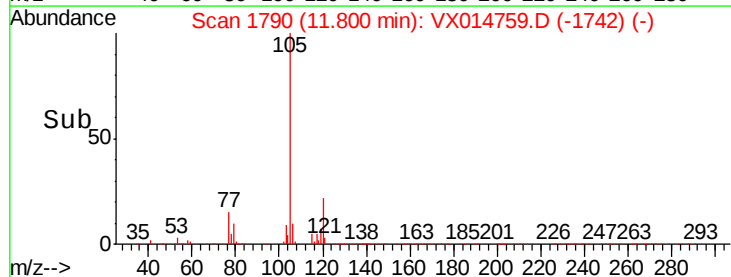
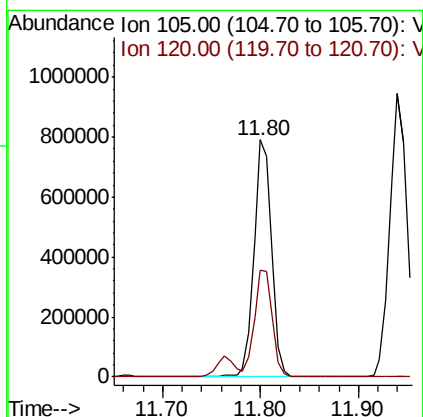
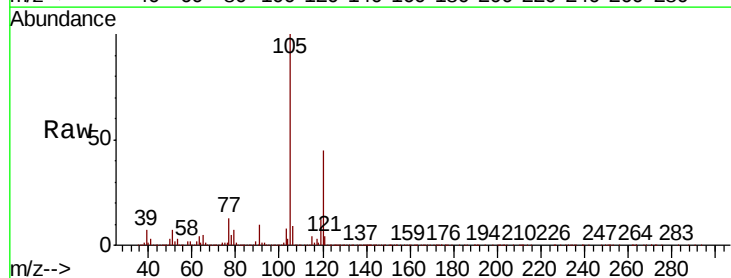
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 927562
Ion Ratio Lower Upper
119 100
91 57.3 30.0 90.0
134 24.6 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 53.783 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion:105 Resp: 974335
Ion Ratio Lower Upper
105 100
120 45.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 55.135 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

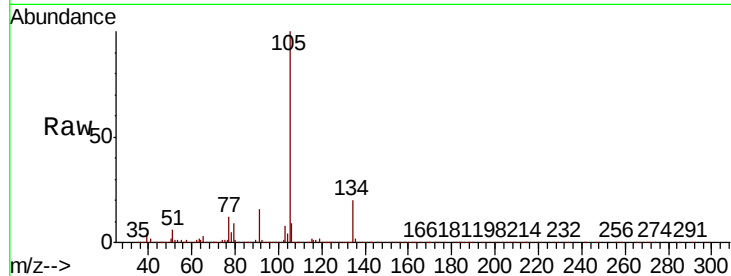
ClientSampleId :

Tot Ion:105 Resp: 1146326

Ion Ratio Lower Upper

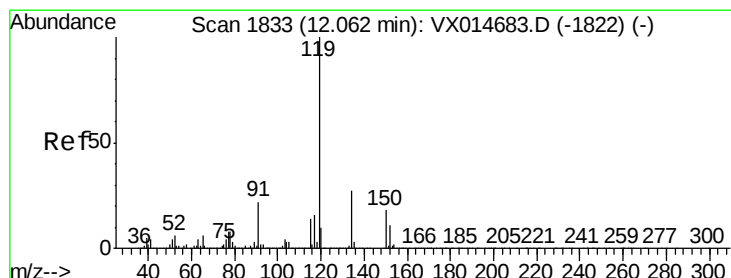
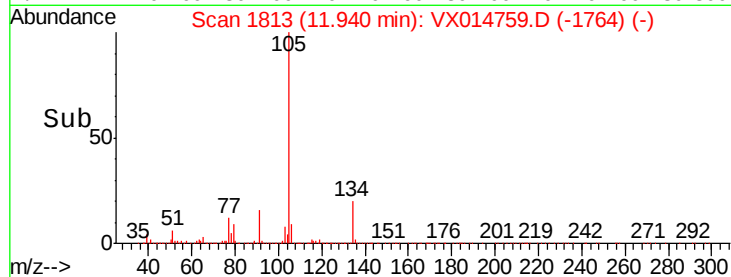
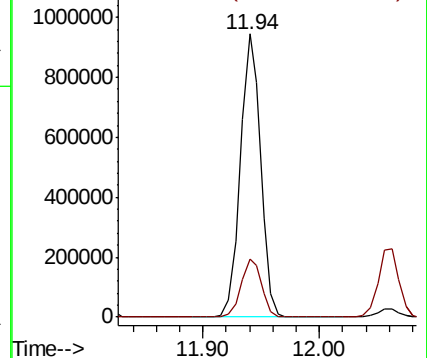
105 100

134 20.6 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: 55.007 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

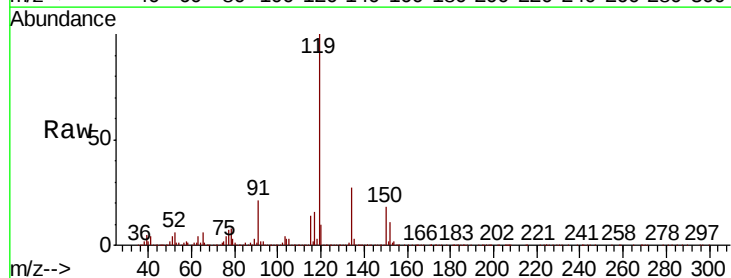
Tgt Ion:119 Resp: 1056927

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

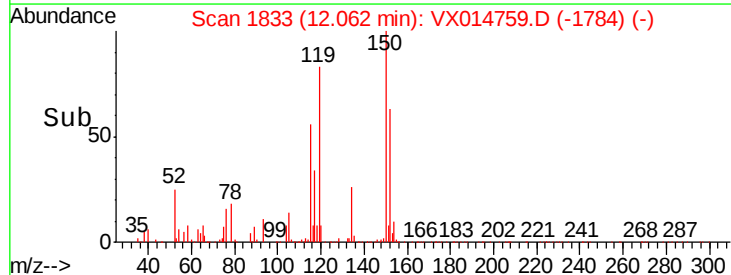
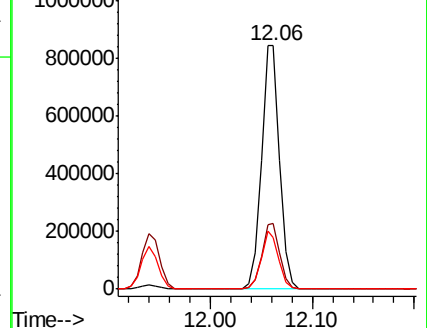
91 22.5 11.3 33.8

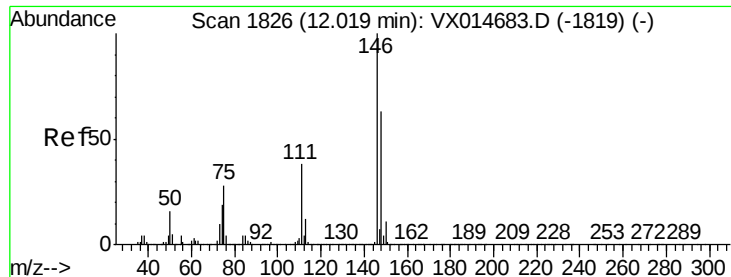


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

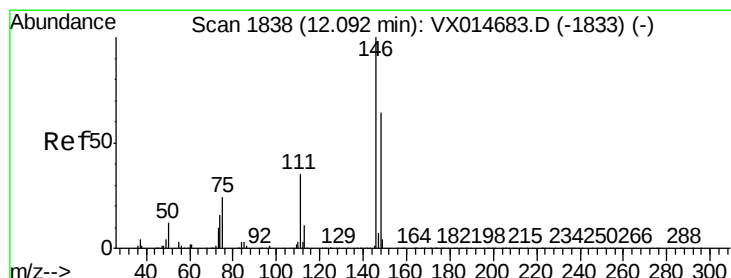
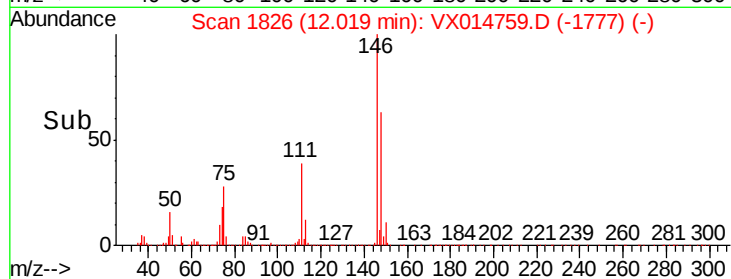
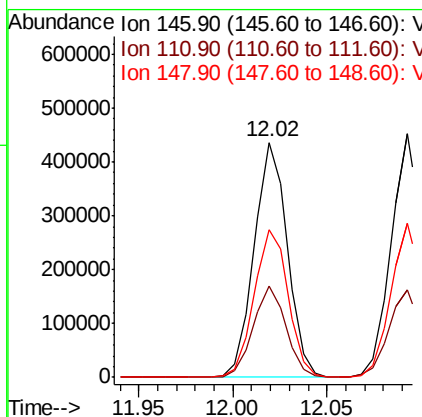
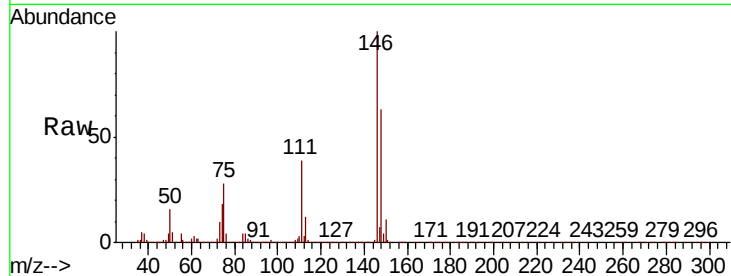




#87
 1,3-Dichlorobenzene
 Concen: 50.611 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

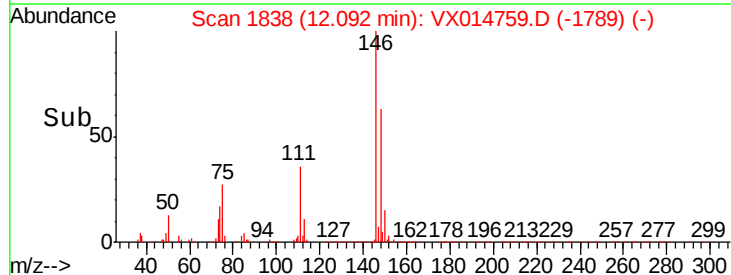
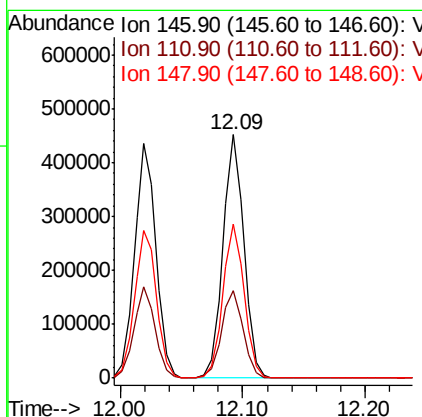
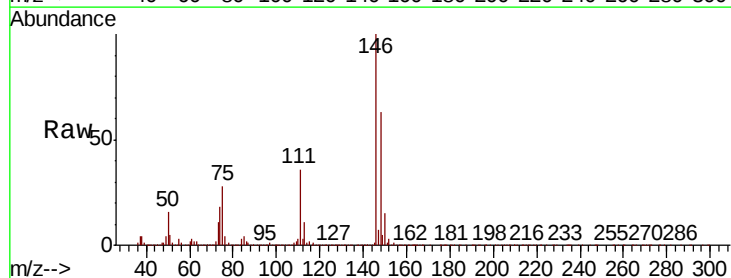
Instrument :
 MSVOA_X
 ClientSampled :

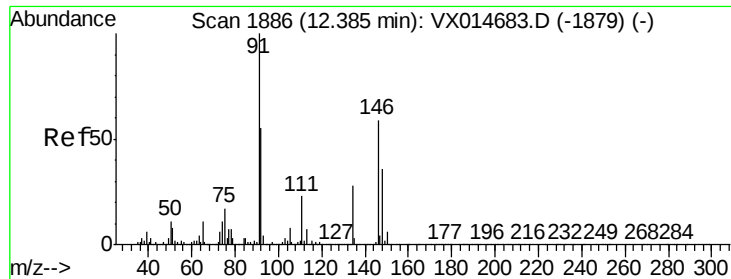
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.792 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.0	32.0	96.2

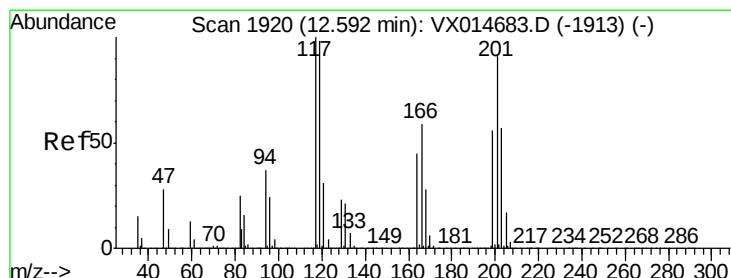
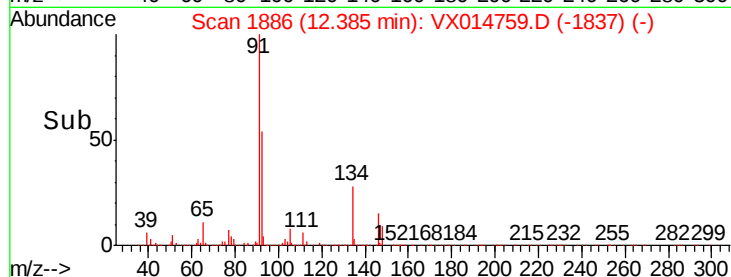
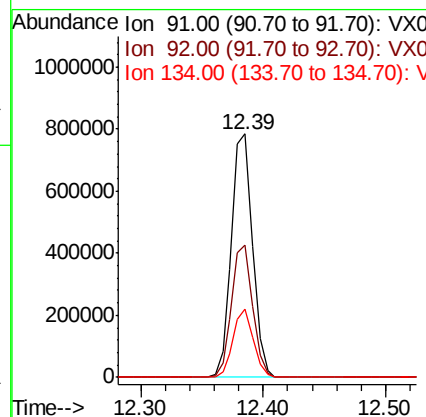
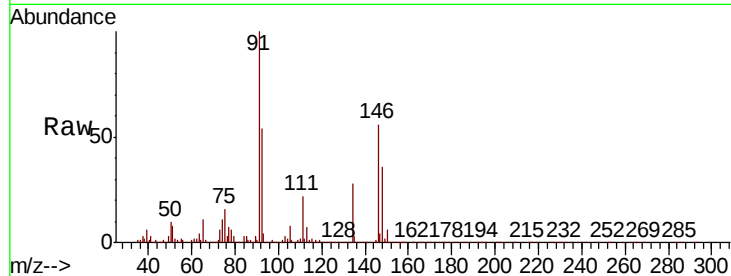




#89
n-Butylbenzene
Concen: 55.832 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

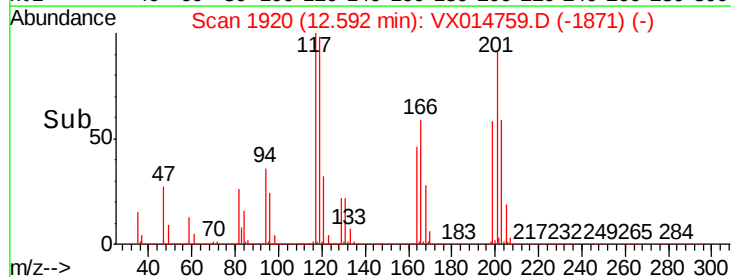
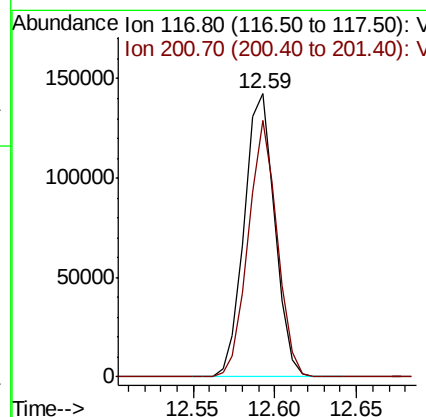
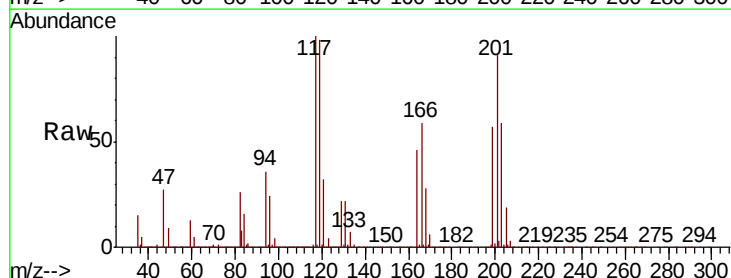
Instrument :
MSVOA_X
ClientSampled :

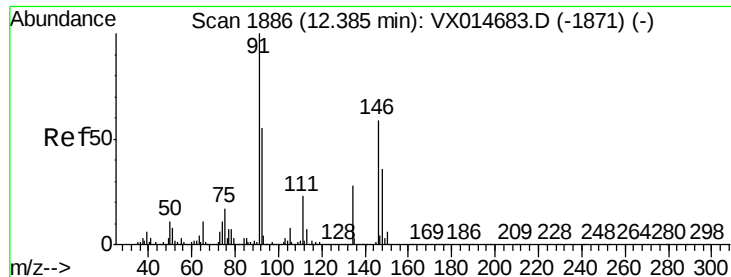
Tot Ion: 91 Resp: 934327
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.7
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 52.191 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 117 Resp: 186268
Ion Ratio Lower Upper
117 100
201 85.9 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 50.920 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014759.D

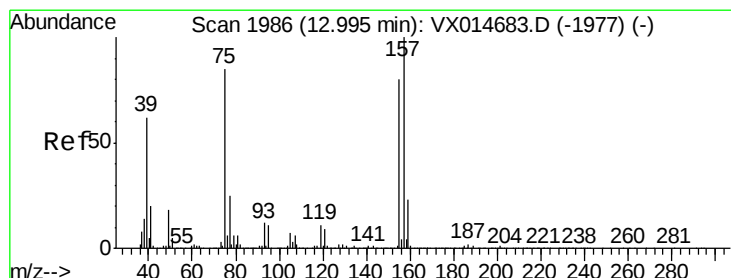
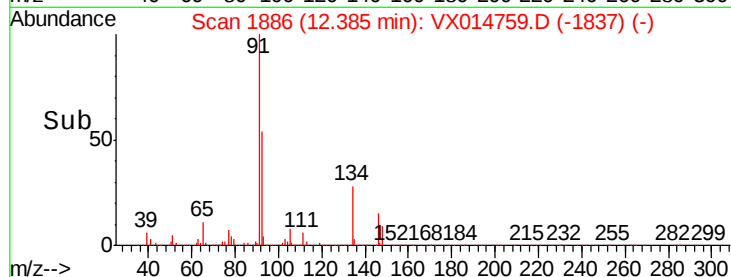
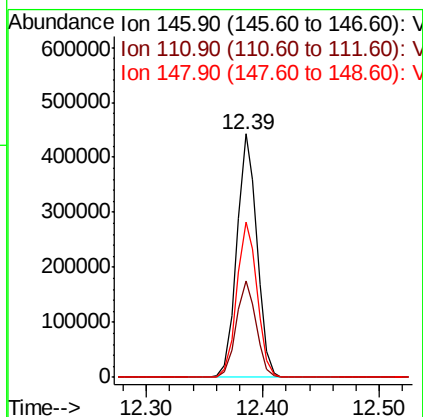
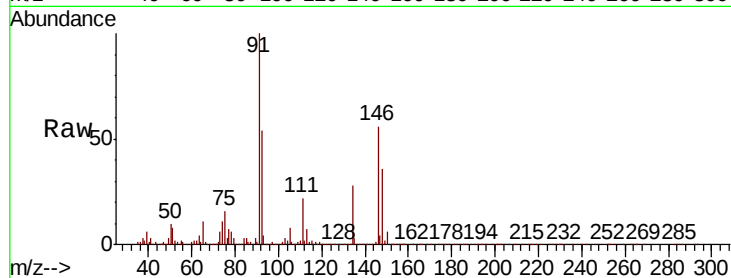
Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	531351
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	64.7	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.005 ug/l

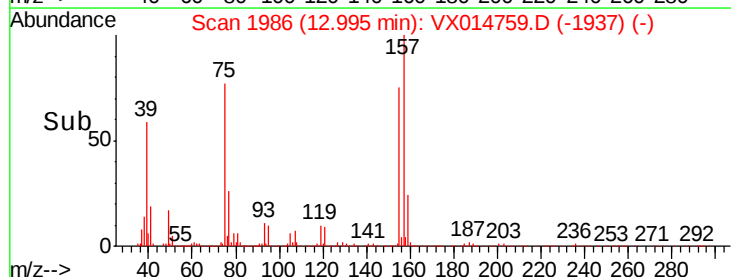
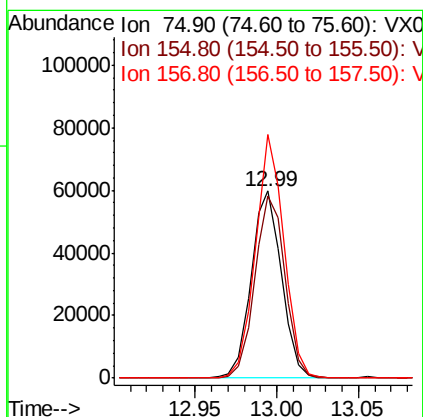
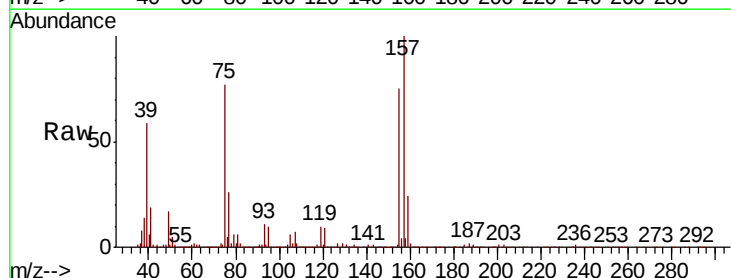
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	75	Resp:	76799
Ion	Ratio	Lower	Upper
75	100		
155	97.1	45.6	136.9
157	123.4	60.3	180.9

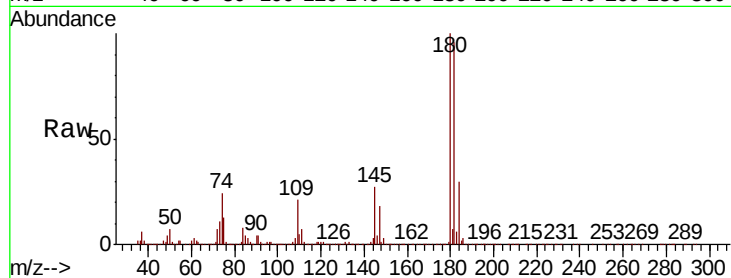




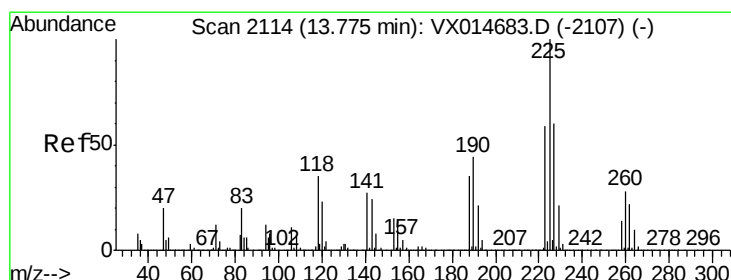
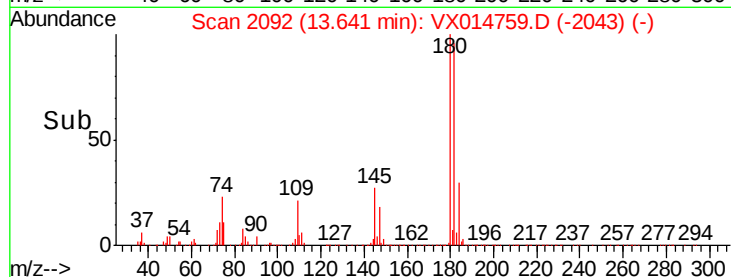
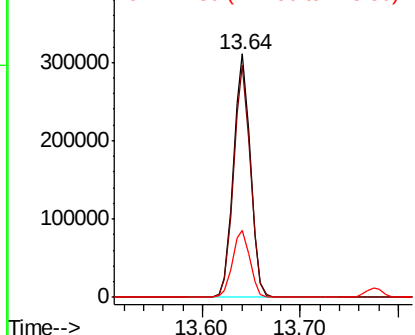
#93
 1,2,4-Trichlorobenzene
 Concen: 55.170 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.5	145.6
145	28.4	14.0	41.9

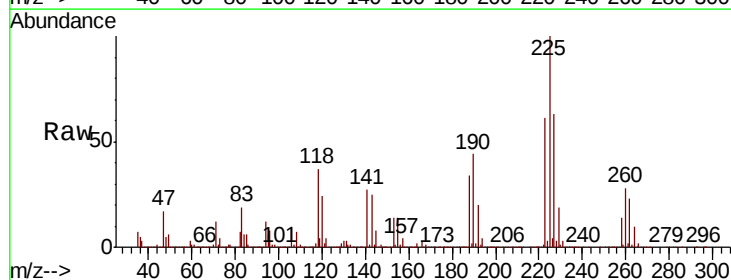


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

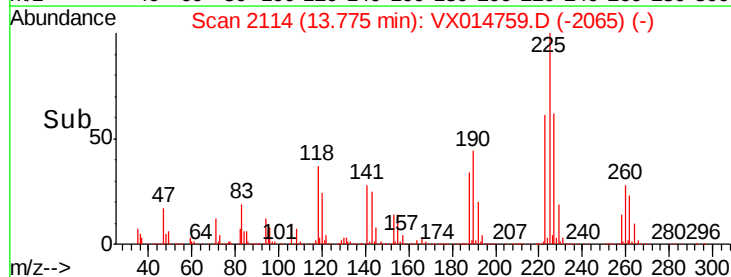
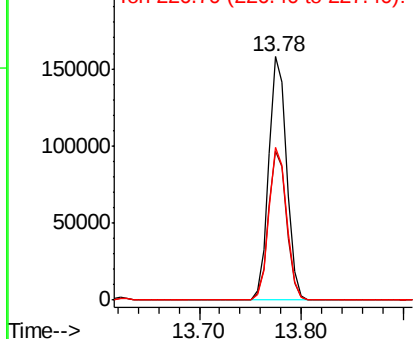


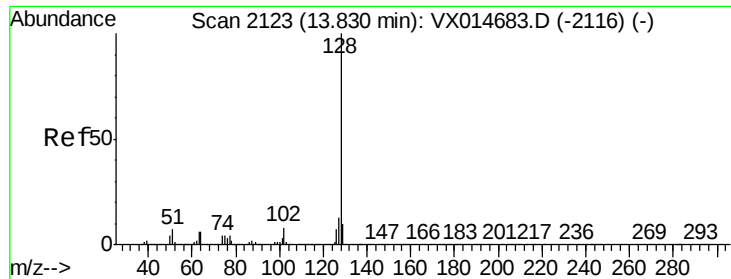
#94
 Hexachlorobutadiene
 Concen: 55.367 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.6	91.8
227	62.2	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

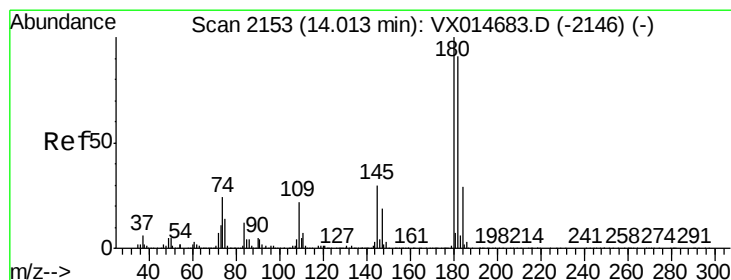
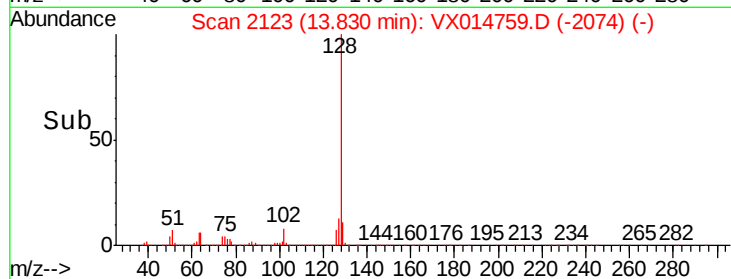
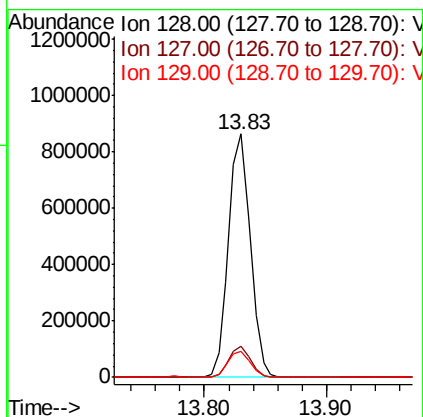
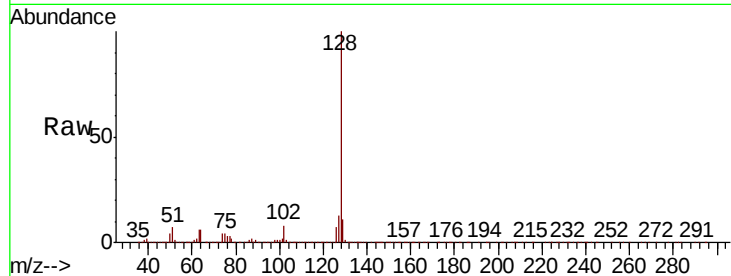




#95
Naphthalene
Concen: 49.125 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1065405
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.190 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion:180 Resp: 368635
Ion Ratio Lower Upper
180 100
182 95.8 46.6 139.7
145 30.0 14.7 44.1

