

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012120\
 Data File : VX014673.D
 Acq On : 21 Jan 2020 09:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 04:22:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	255869	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	5.48	113	209992	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
50) Toluene-d8	8.71	98	804403	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.13	95	289196	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	267206	48.599	ug/l	99
3) Chloromethane	1.32	50	265585	47.040	ug/l	99
4) Vinyl Chloride	1.40	62	316382	50.289	ug/l	99
5) Bromomethane	1.63	94	191201	45.849	ug/l	99
6) Chloroethane	1.72	64	176003	51.375	ug/l	100
7) Trichlorofluoromethane	1.92	101	354730	49.705	ug/l	99
8) Diethyl Ether	2.18	74	153478	47.138	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213893	49.263	ug/l	99
10) Methyl Iodide	2.50	142	278378	53.544	ug/l	99
11) Tert butyl alcohol	3.03	59	223942	216.913	ug/l	99
12) 1,1-Dichloroethene	2.36	96	204483	46.744	ug/l	97
13) Acrolein	2.28	56	194667	235.248	ug/l	98
14) Allyl chloride	2.72	41	378135	49.235	ug/l	98
15) Acrylonitrile	3.13	53	625722	251.119	ug/l	98
16) Acetone	2.43	43	698032	282.094	ug/l	100
17) Carbon Disulfide	2.56	76	531313	43.529	ug/l	99
18) Methyl Acetate	2.76	43	379502	53.401	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	706164	50.287	ug/l	100
20) Methylene Chloride	2.85	84	236643	47.575	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	222799	46.652	ug/l	98
22) Diisopropyl ether	3.84	45	784954	52.886	ug/l	94
23) Vinyl Acetate	3.80	43	3012184	262.131	ug/l	100
24) 1,1-Dichloroethane	3.69	63	413008	51.152	ug/l	98
25) 2-Butanone	4.65	43	974478	263.841	ug/l	100
26) 2,2-Dichloropropane	4.57	77	342098	50.016	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	257365	48.207	ug/l	98
28) Bromochloromethane	5.00	49	167488	49.229	ug/l	96
29) Tetrahydrofuran	5.11	42	552594	253.055	ug/l	98
30) Chloroform	5.20	83	408390	51.762	ug/l	97
31) Cyclohexane	5.57	56	380428	50.338	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	345510	51.160	ug/l	99
36) 1,1-Dichloropropene	5.79	75	309366	50.639	ug/l	99
37) Ethyl Acetate	4.81	43	339095	51.100	ug/l	98
38) Carbon Tetrachloride	5.77	117	298404	53.078	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	386002	50.291	ug/l	96
40) Benzene	6.13	78	933127	51.462	ug/l	99
41) Methacrylonitrile	5.03	41	188018	53.131	ug/l	98
42) 1,2-Dichloroethane	6.18	62	322243	50.829	ug/l	100
43) Isopropyl Acetate	6.43	43	552817	51.569	ug/l	99
44) Trichloroethene	7.20	130	260008	49.898	ug/l	99
45) 1,2-Dichloropropane	7.50	63	247743	53.591	ug/l	99
46) Dibromomethane	7.65	93	158153	49.016	ug/l	98
47) Bromodichloromethane	7.89	83	322105	54.863	ug/l	99
48) Methyl methacrylate	7.76	41	274606	53.485	ug/l	99
49) 1,4-Dioxane	7.73	88	98200	902.659	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1763794	270.007	ug/l	98
52) Toluene	8.78	92	591020	50.918	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	355712	52.041	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	392333	53.136	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	242243	51.959	ug/l	99
56) Ethyl methacrylate	9.17	69	377708	52.881	ug/l	97
57) 1,3-Dichloropropane	9.36	76	408595	52.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	651640	268.145	ug/l	98
59) 2-Hexanone	9.48	43	1410409	272.874	ug/l	99
60) Dibromochloromethane	9.57	129	258531	55.171	ug/l	99
61) 1,2-Dibromoethane	9.67	107	252949	51.219	ug/l	98
64) Tetrachloroethene	9.33	164	287164	48.177	ug/l	99
65) Chlorobenzene	10.14	112	636758	49.335	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	238838	51.853	ug/l	99
67) Ethyl Benzene	10.25	91	1129810	51.357	ug/l	99
68) m/p-Xylenes	10.36	106	874964	103.093	ug/l	99
69) o-Xylene	10.70	106	418625	51.696	ug/l	100
70) Styrene	10.71	104	721599	51.636	ug/l	99
71) Bromoform	10.85	173	195622	51.909	ug/l #	98
73) Isopropylbenzene	11.01	105	1119198	52.222	ug/l	99
74) N-amyl acetate	10.89	43	482792	51.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	353603	51.448	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	426303	67.510	ug/l	82
77) Bromobenzene	11.25	156	289970	48.788	ug/l	99
78) n-propylbenzene	11.35	91	1304087	53.131	ug/l	99
79) 2-Chlorotoluene	11.42	91	754584	51.584	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	951458	53.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124879	52.284	ug/l	97
82) 4-Chlorotoluene	11.51	91	876464	51.043	ug/l	99
83) tert-Butylbenzene	11.76	119	882795	52.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	955299	53.133	ug/l	99
85) sec-Butylbenzene	11.94	105	1109885	53.104	ug/l	99
86) p-Isopropyltoluene	12.06	119	1019691	52.576	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	525906	49.304	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	525479	52.467	ug/l	99
89) n-Butylbenzene	12.39	91	913466	51.513	ug/l	99
90) Hexachloroethane	12.59	117	180396	52.953	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	520094	49.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75058	48.549	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

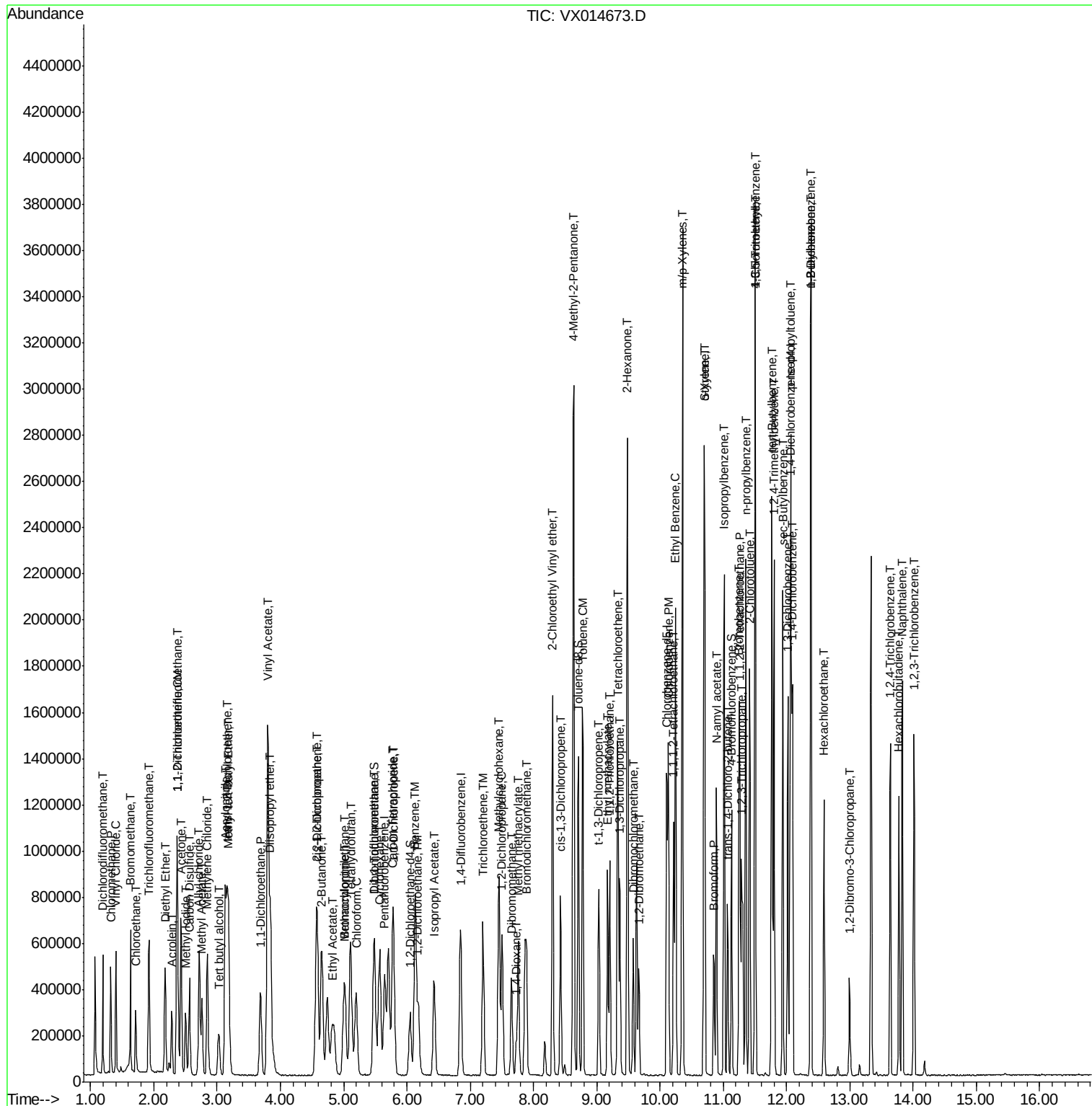
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	361700	49.313	ug/l	99
94) Hexachlorobutadiene	13.78	225	182442	53.106	ug/l	99
95) Naphthalene	13.83	128	1038629	45.623	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364960	50.705	ug/l	100

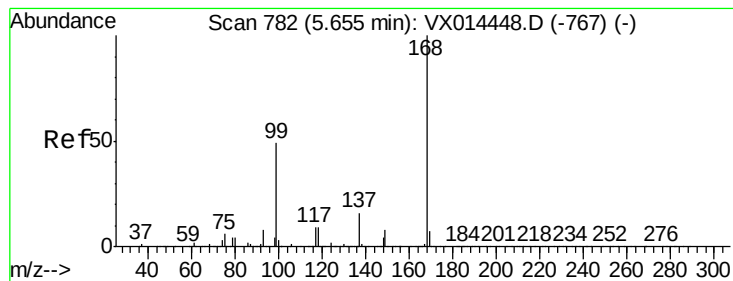
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VX014673.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

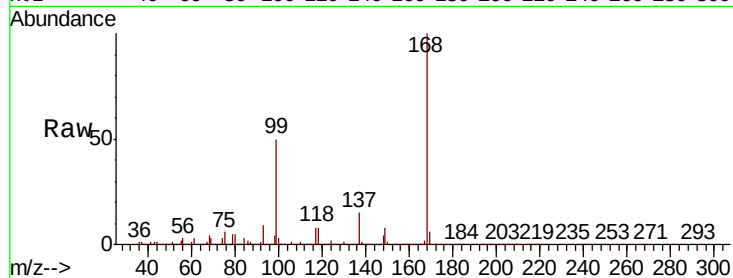
ClientSampleId :

Tot Ion:168 Resp: 442921

Ion Ratio Lower Upper

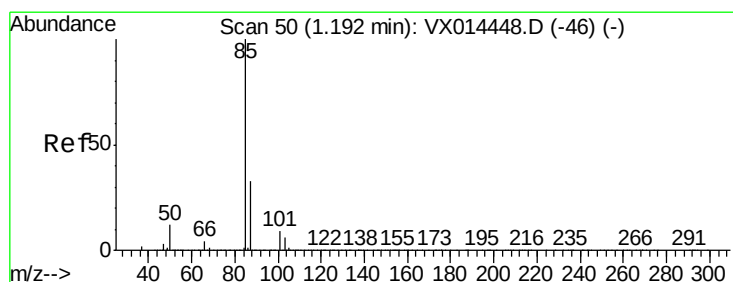
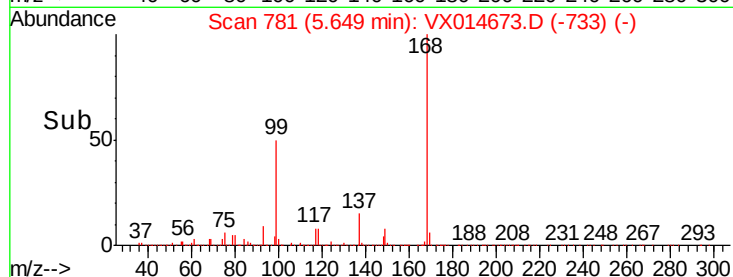
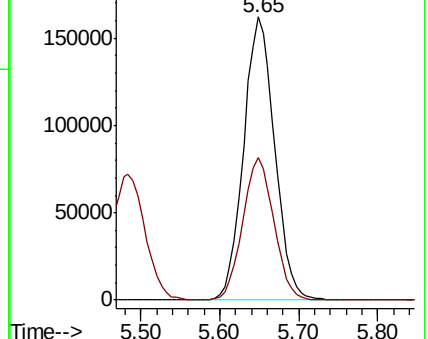
168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.599 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014673.D

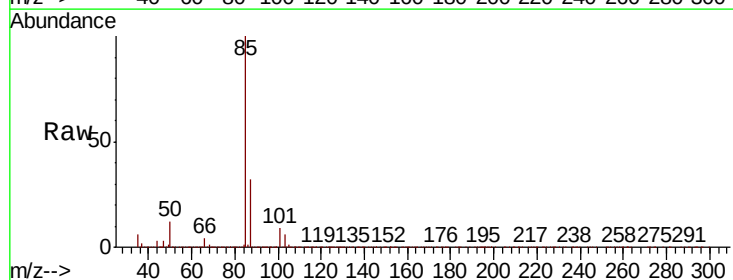
Acq: 21 Jan 2020 09:35

Tgt Ion: 85 Resp: 267206

Ion Ratio Lower Upper

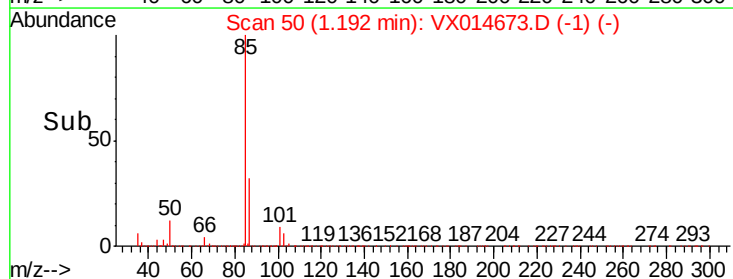
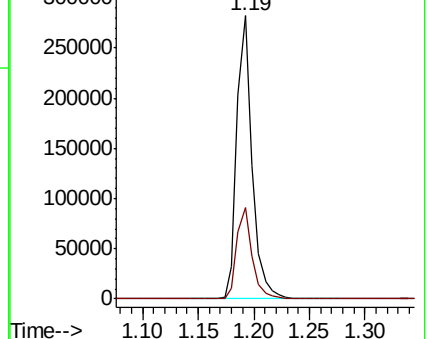
85 100

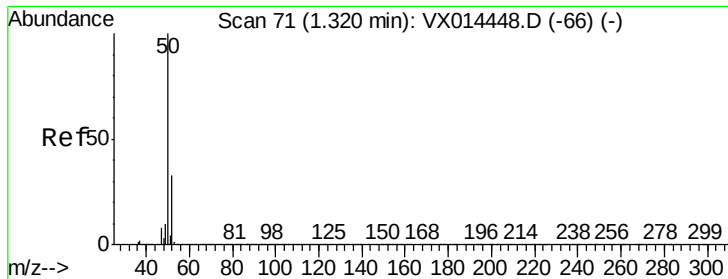
87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.040 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

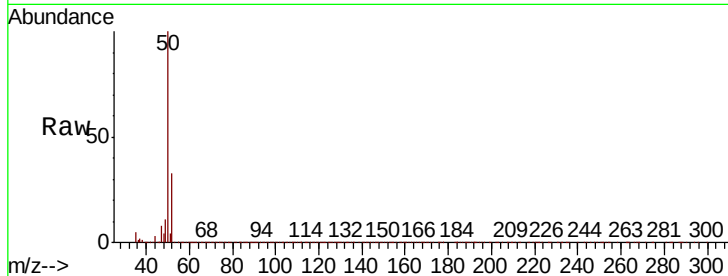
ClientSampleId :

Tot Ion: 50 Resp: 265585

Ion Ratio Lower Upper

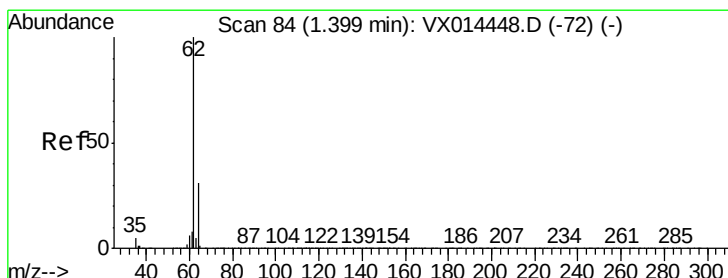
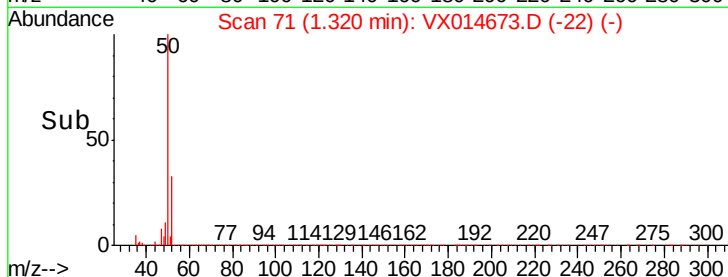
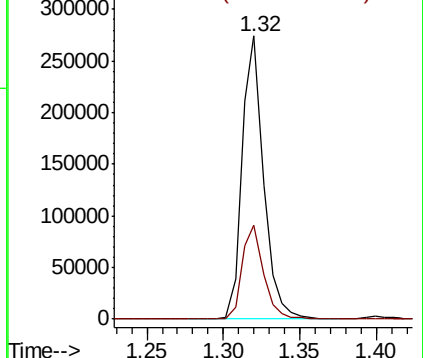
50 100

52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.289 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014673.D

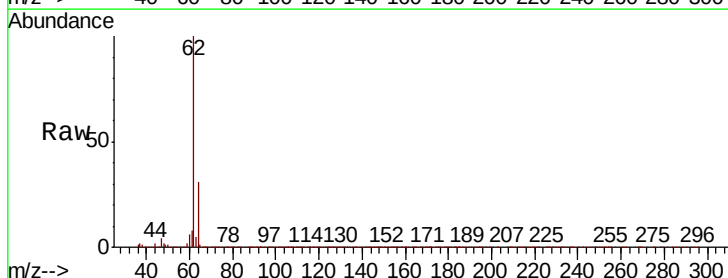
Acq: 21 Jan 2020 09:35

Tgt Ion: 62 Resp: 316382

Ion Ratio Lower Upper

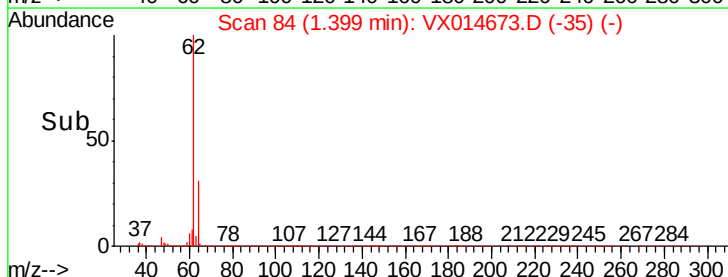
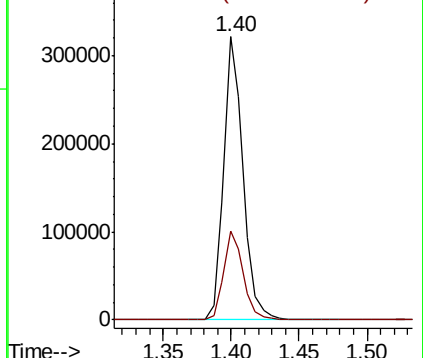
62 100

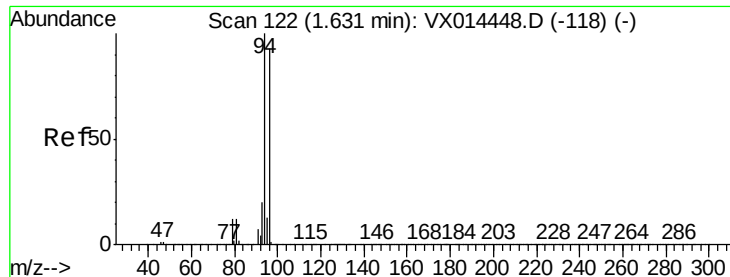
64 31.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.849 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

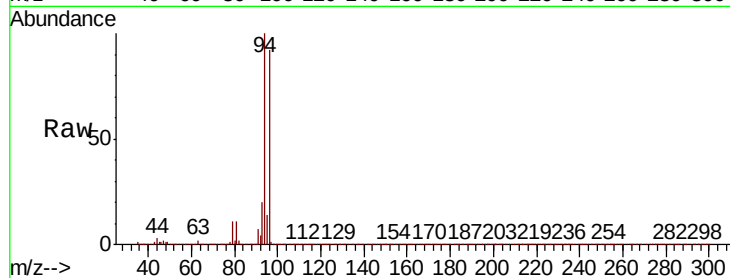
ClientSampleId :

Tot Ion: 94 Resp: 191201

Ion Ratio Lower Upper

94 100

96 92.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

200000

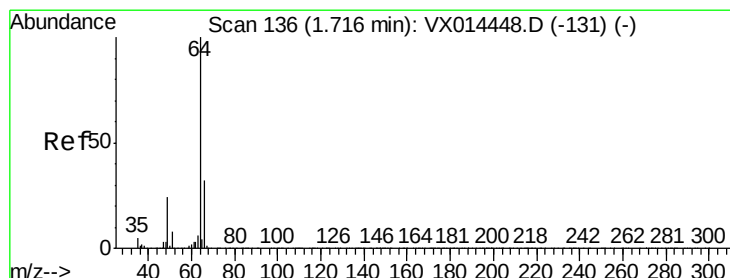
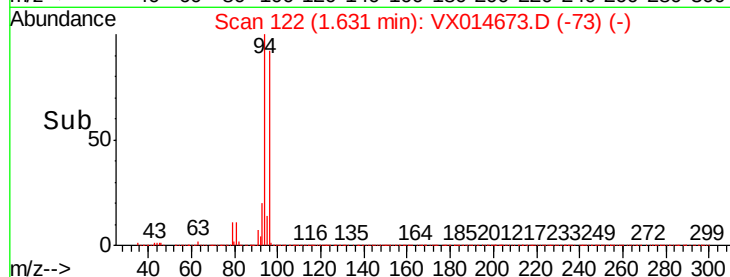
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 51.375 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014673.D

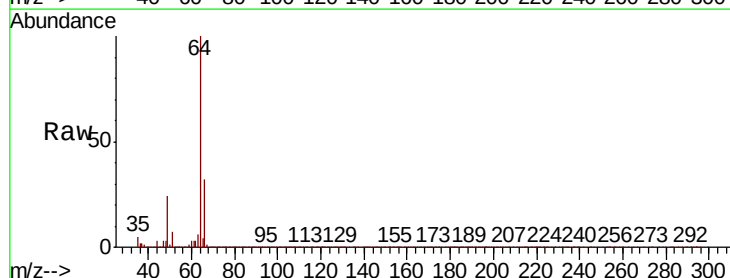
Acq: 21 Jan 2020 09:35

Tgt Ion: 64 Resp: 176003

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

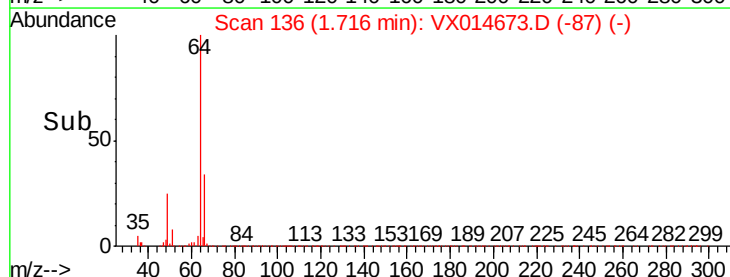
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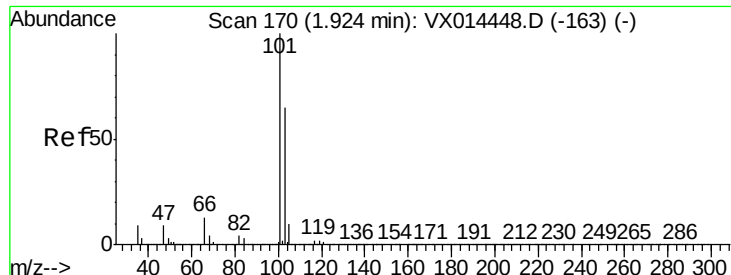
100000

50000

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Time-->



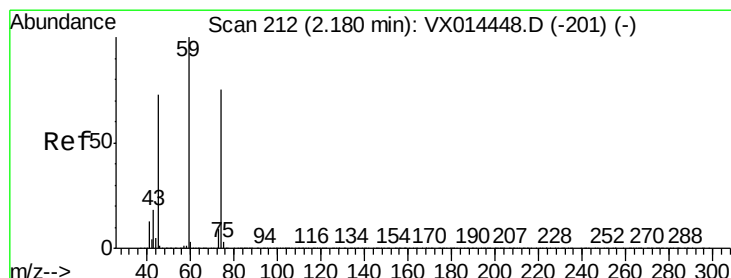
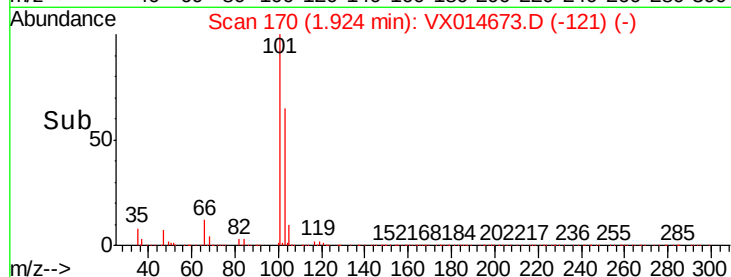
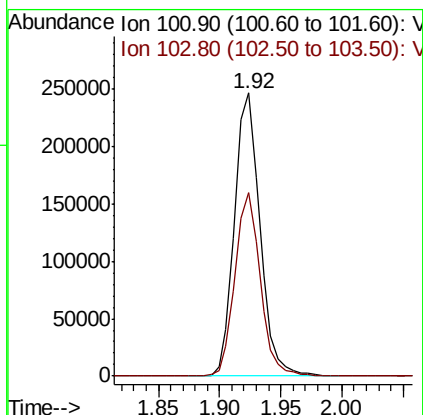
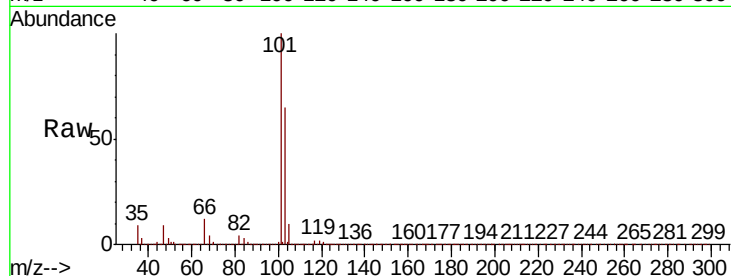


#7

Trichlorofluoromethane
Concen: 49.705 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampled :

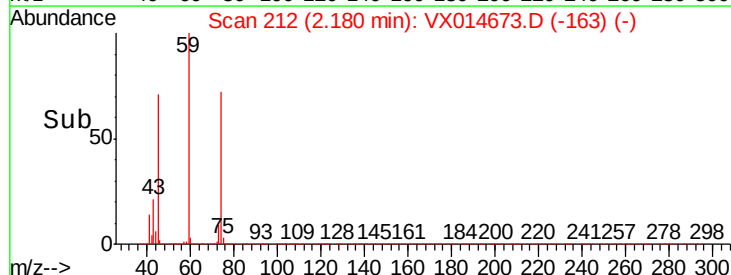
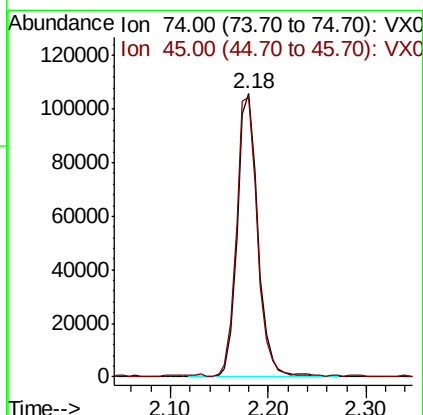
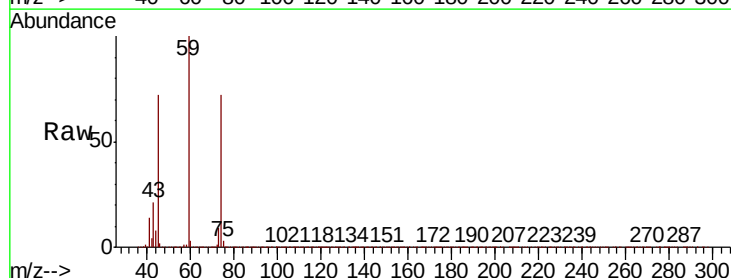
Tot Ion:101 Resp: 354730
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

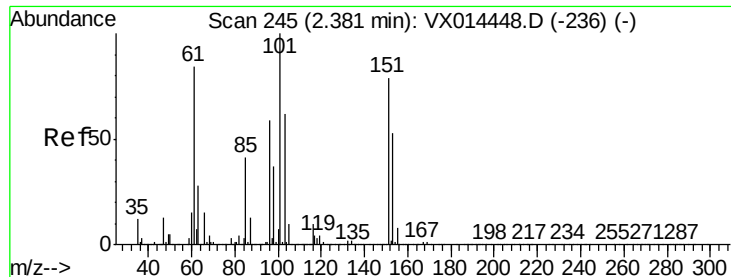


#8

Diethyl Ether
Concen: 47.138 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 74 Resp: 153478
Ion Ratio Lower Upper
74 100
45 100.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.263 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

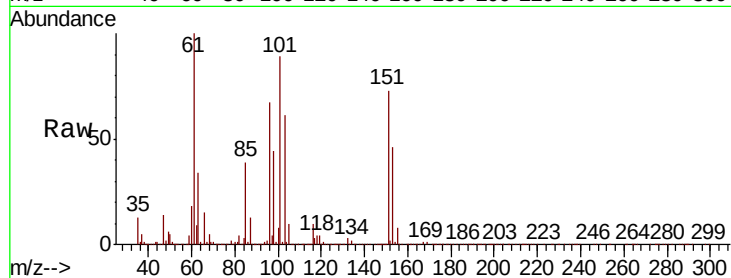
Tot Ion:101 Resp: 213893

Ion Ratio Lower Upper

101 100

85 43.1 33.8 50.8

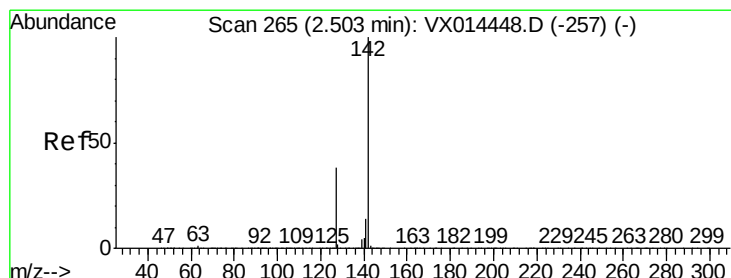
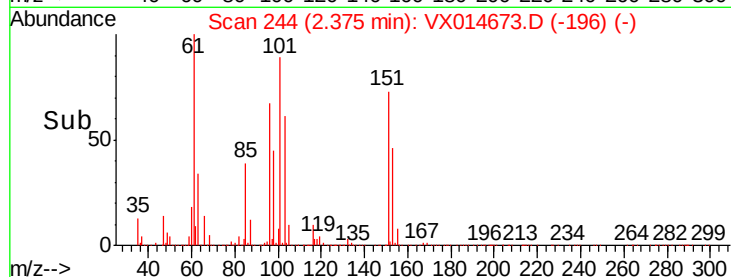
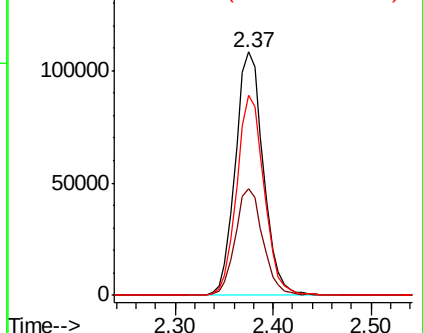
151 80.9 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.544 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

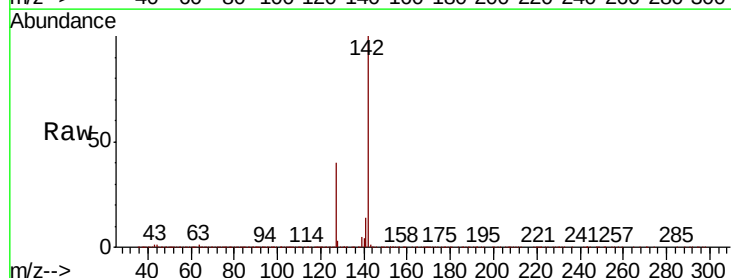
Tgt Ion:142 Resp: 278378

Ion Ratio Lower Upper

142 100

127 39.7 31.2 46.8

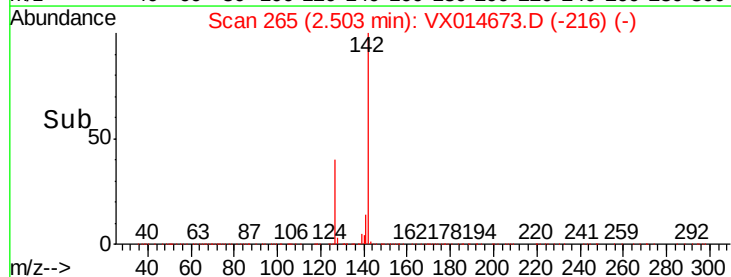
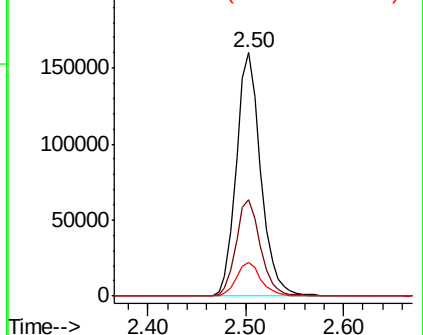
141 13.8 11.4 17.2

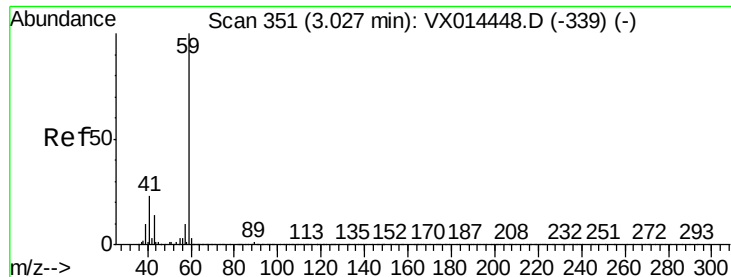


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



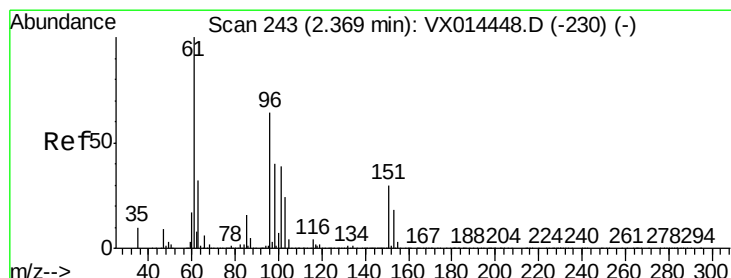
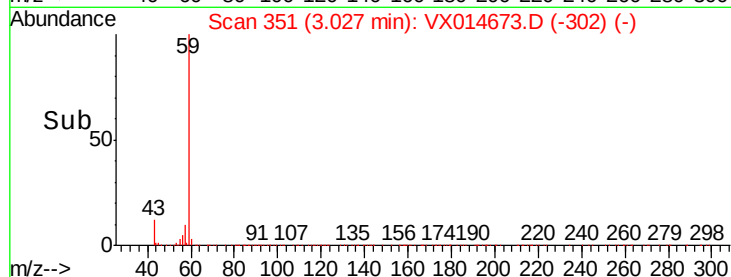
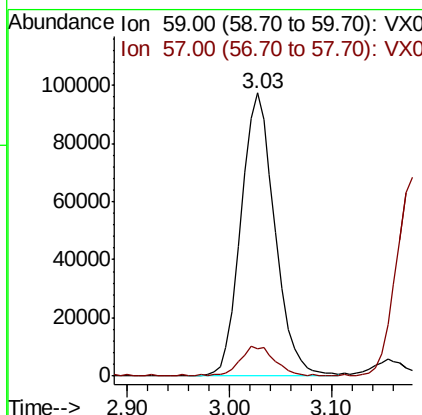
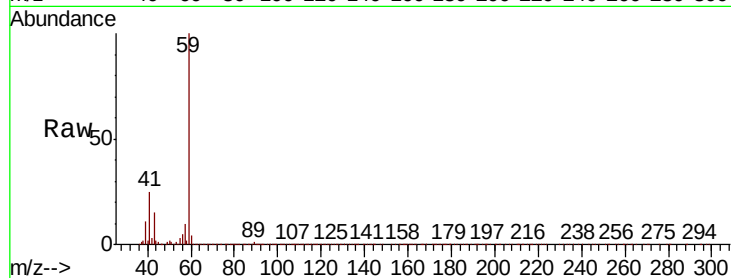


#11

Tert butyl alcohol
Concen: 216.913 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampled :

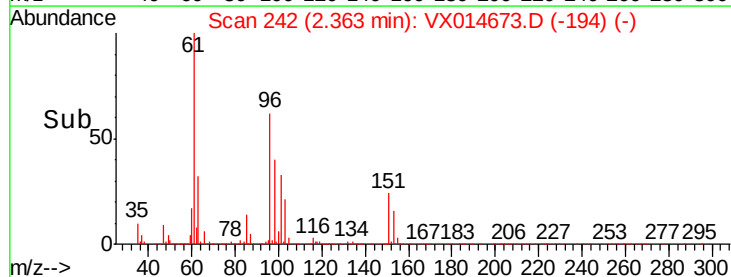
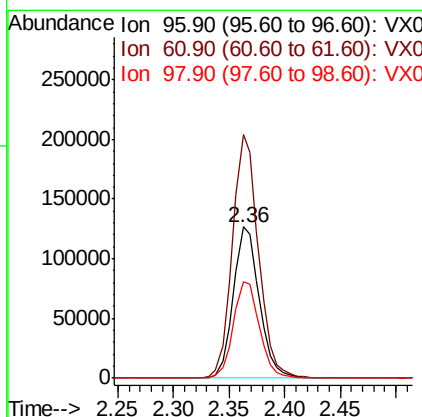
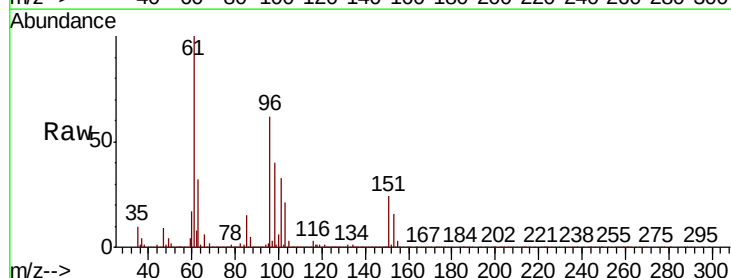
Tot Ion: 59 Resp: 223942
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

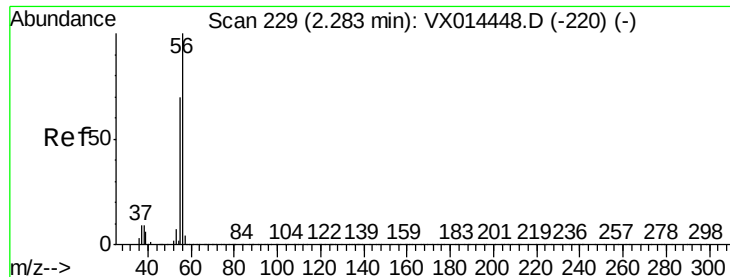


#12

1,1-Dichloroethene
Concen: 46.744 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 96 Resp: 204483
Ion Ratio Lower Upper
96 100
61 161.2 125.0 187.6
98 64.2 50.2 75.2

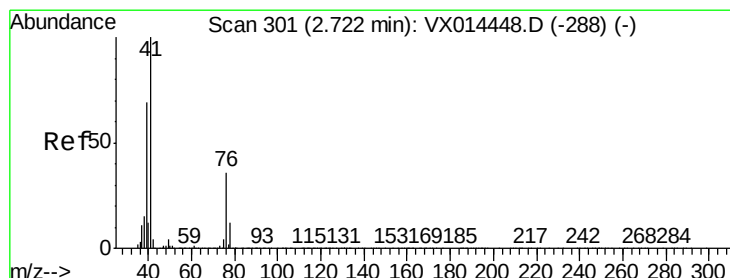
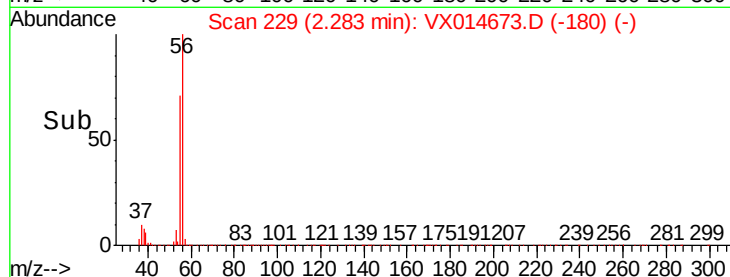
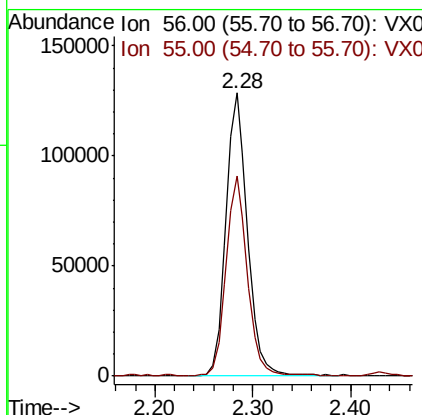
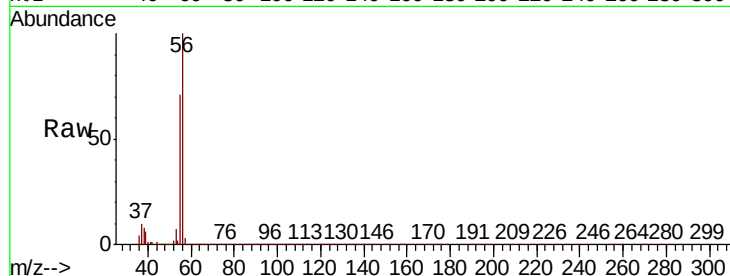




#13
Acrolein
Concen: 235.248 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

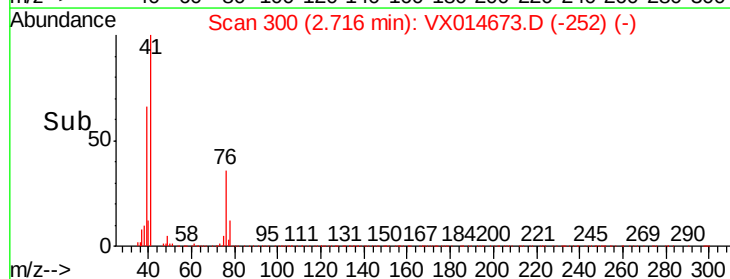
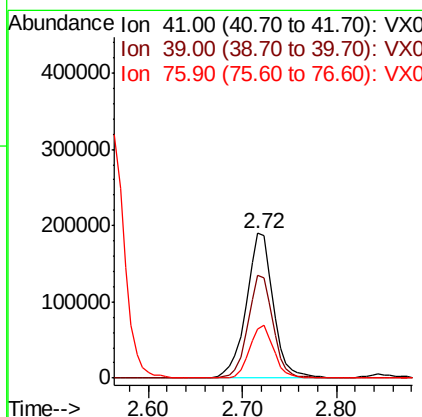
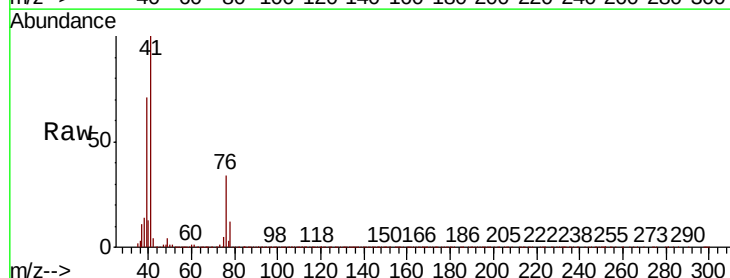
Instrument :
MSVOA_X
ClientSampled :

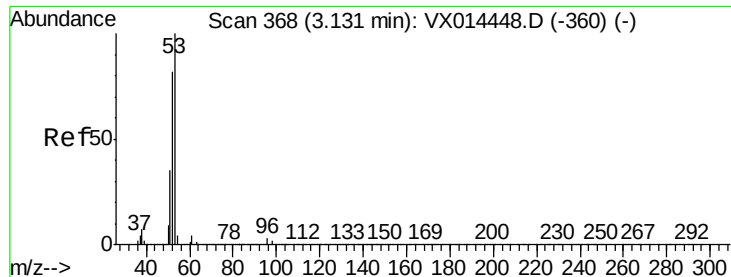
Tot Ion: 56 Resp: 194667
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.6



#14
Allyl chloride
Concen: 49.235 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 41 Resp: 378135
Ion Ratio Lower Upper
41 100
39 66.3 51.7 77.5
76 32.3 26.8 40.2





#15

Acrylonitrile

Concen: 251.119 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :

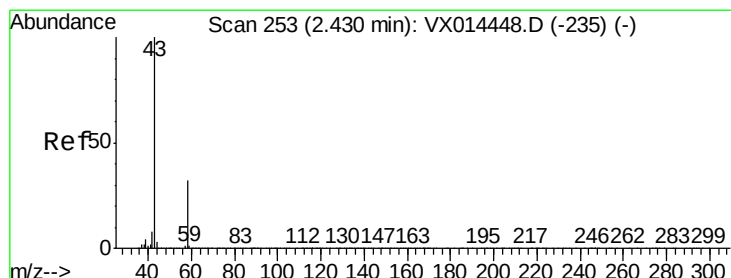
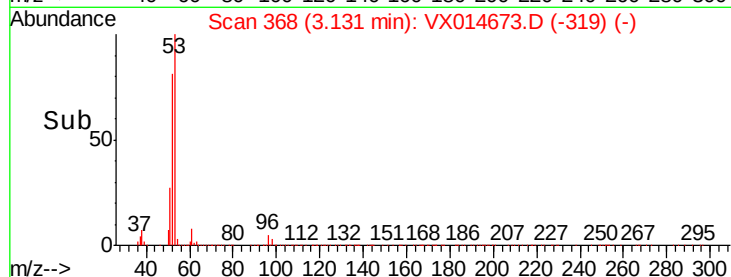
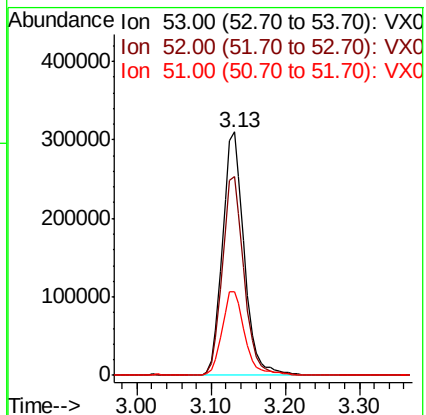
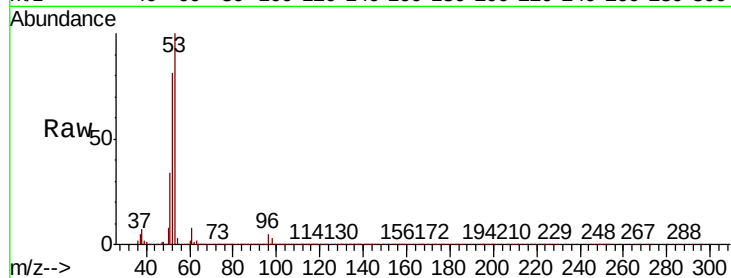
Tot Ion: 53 Resp: 625722

Ion Ratio Lower Upper

53 100

52 81.8 67.0 100.4

51 36.2 28.5 42.7



#16

Acetone

Concen: 282.094 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014673.D

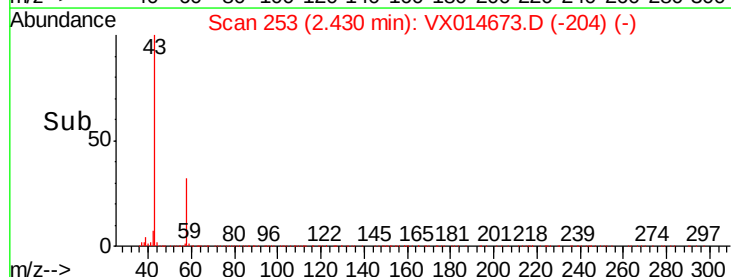
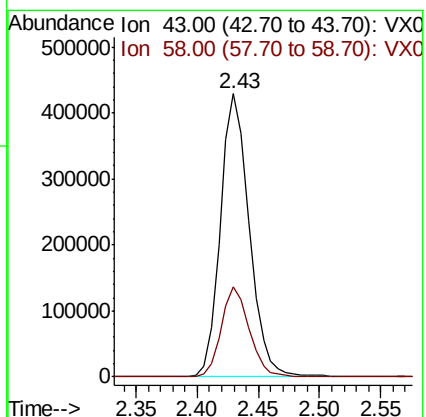
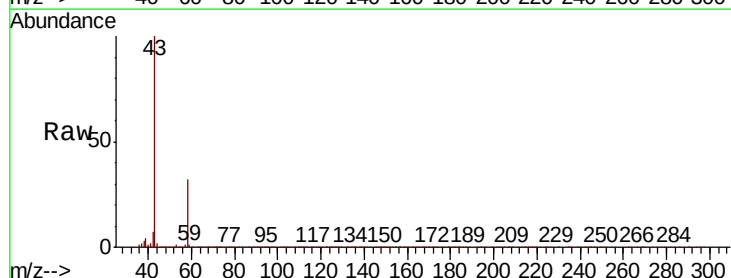
Acq: 21 Jan 2020 09:35

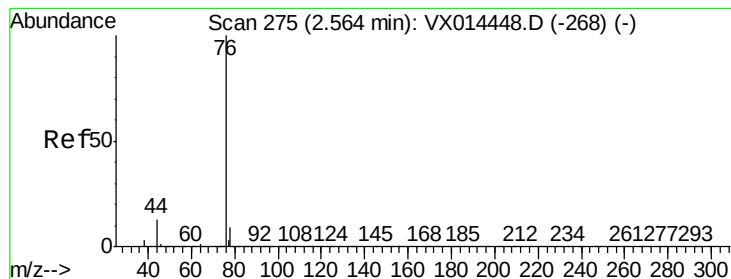
Tgt Ion: 43 Resp: 698032

Ion Ratio Lower Upper

43 100

58 32.0 25.4 38.0





#17

Carbon Disulfide

Concen: 43.529 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

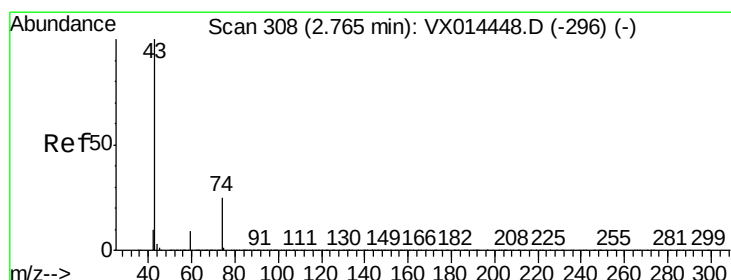
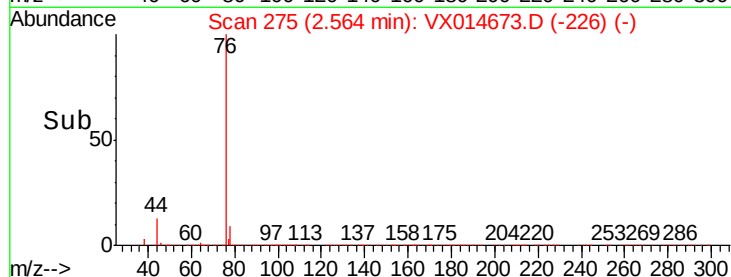
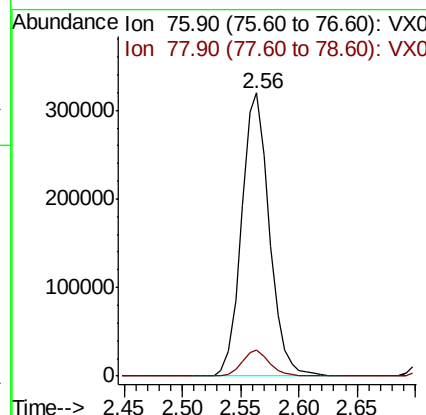
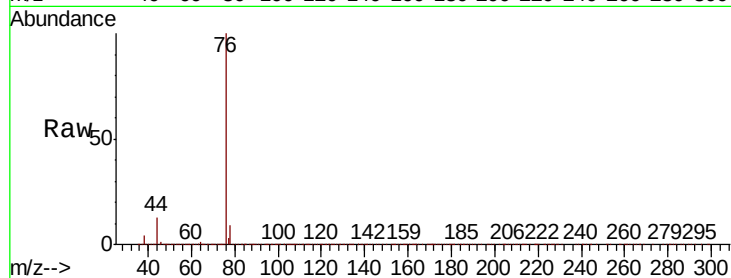
ClientSampleId :

Tot Ion: 76 Resp: 531313

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 53.401 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014673.D

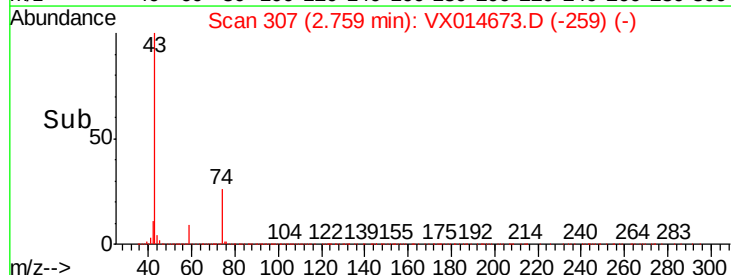
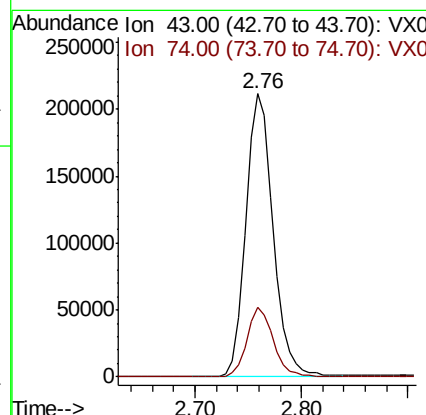
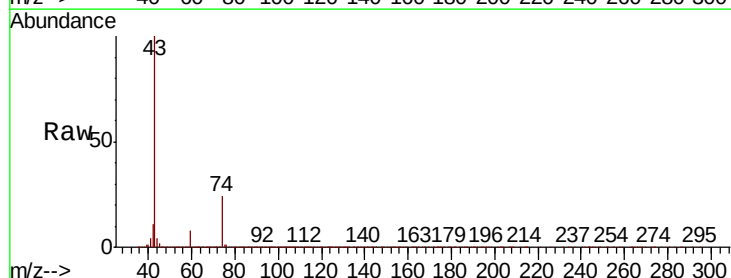
Acq: 21 Jan 2020 09:35

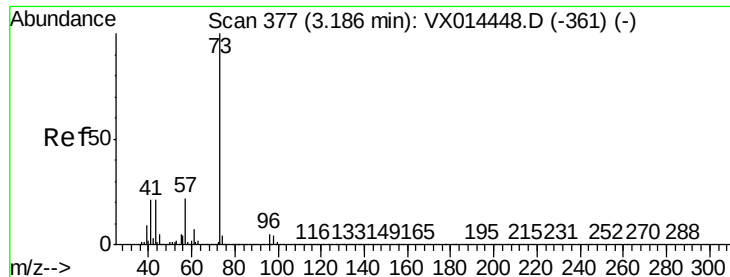
Tgt Ion: 43 Resp: 379502

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2



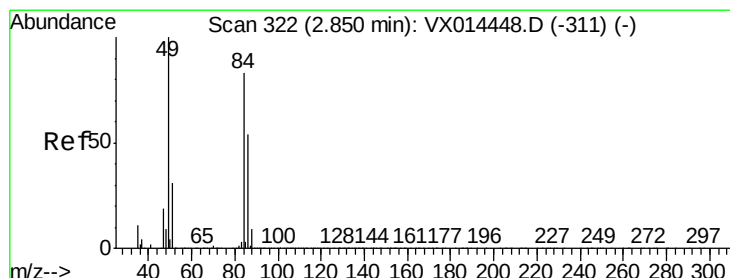
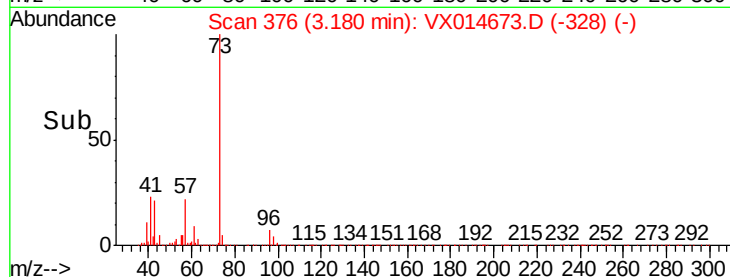
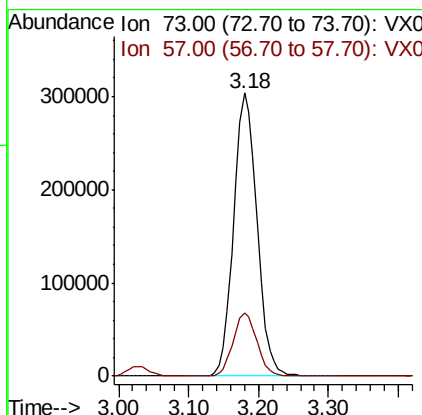
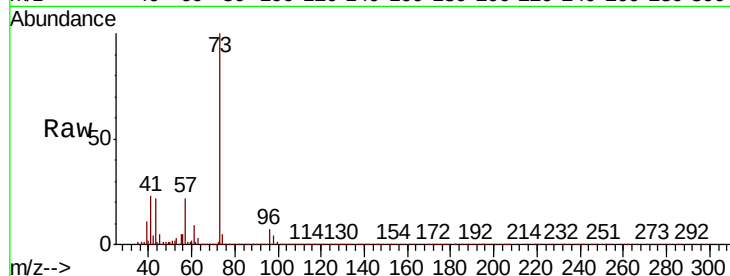


#19

Methyl tert-butyl Ether
 Concen: 50.287 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Instrument :
 MSVOA_X
 ClientSampleId :

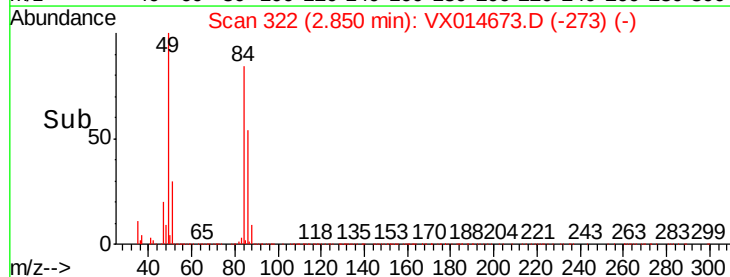
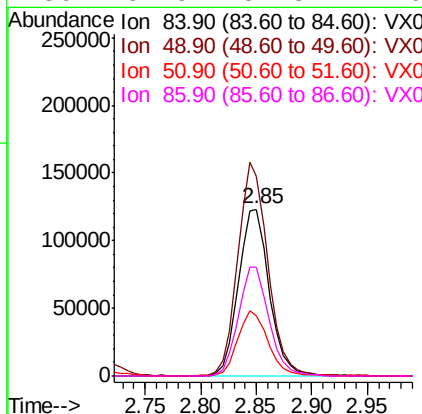
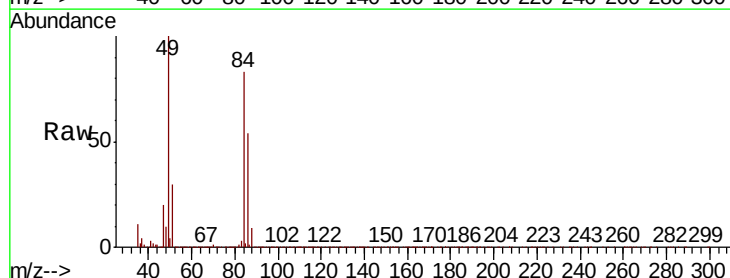
Tot Ion: 73 Resp: 706164
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.8 26.8

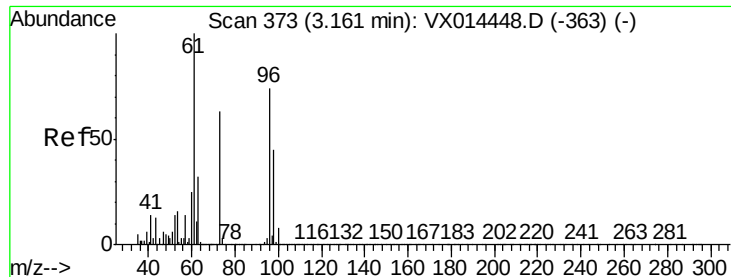


#20

Methylene Chloride
 Concen: 47.575 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion: 84 Resp: 236643
 Ion Ratio Lower Upper
 84 100
 49 119.7 95.8 143.8
 51 35.9 30.2 45.4
 86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.652 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

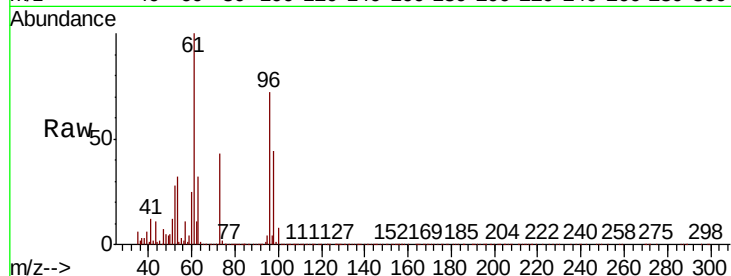
Tot Ion: 96 Resp: 222799

Ion Ratio Lower Upper

96 100

61 138.4 108.2 162.4

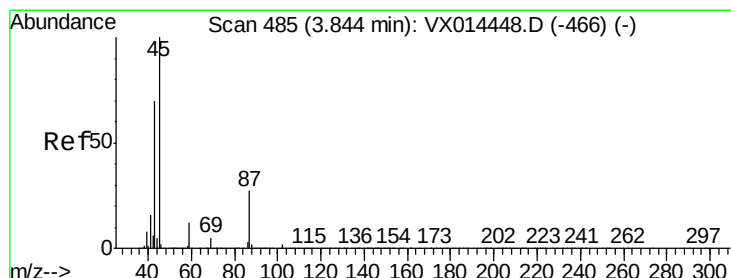
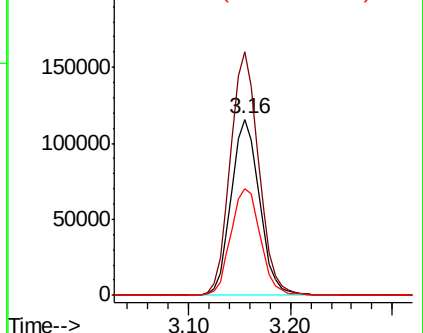
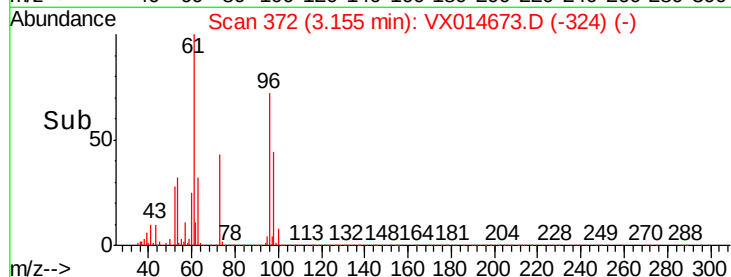
98 60.5 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.886 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion: 45 Resp: 784954

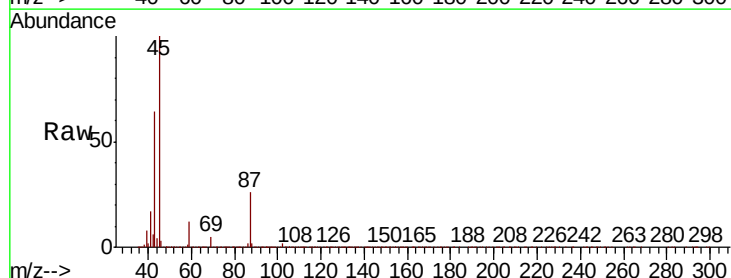
Ion Ratio Lower Upper

45 100

43 62.8 55.8 83.6

87 25.6 21.8 32.8

59 11.7 9.1 13.7

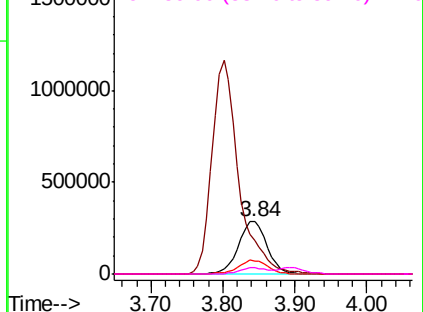
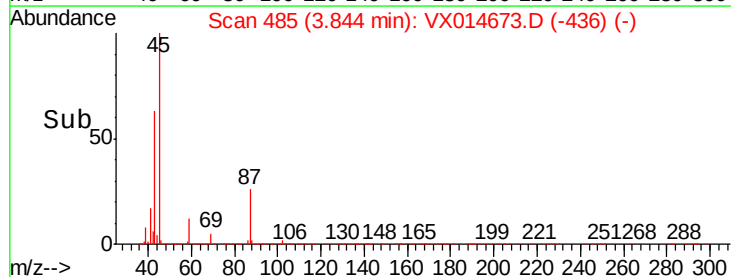


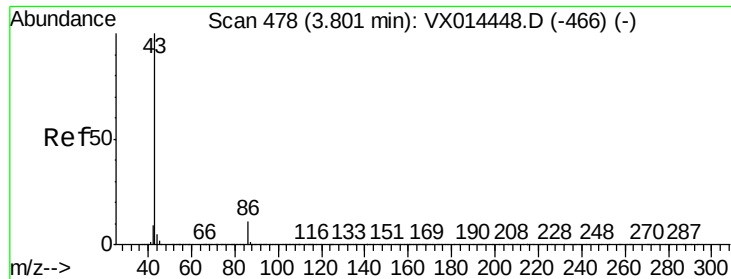
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

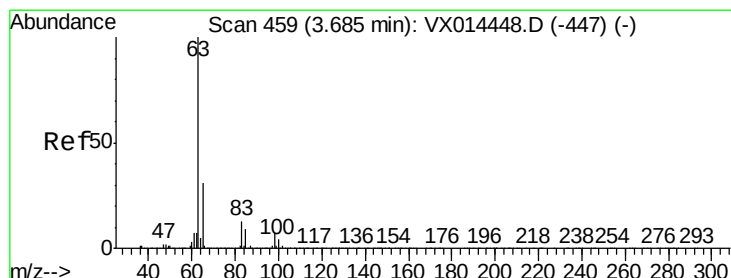
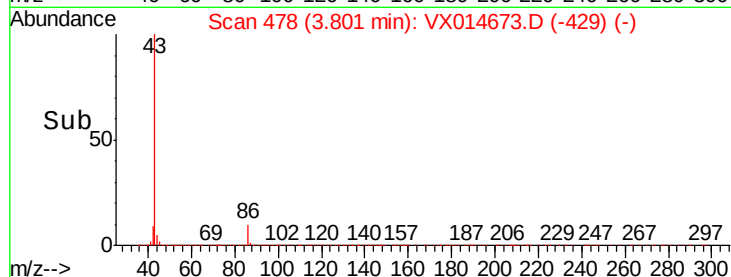
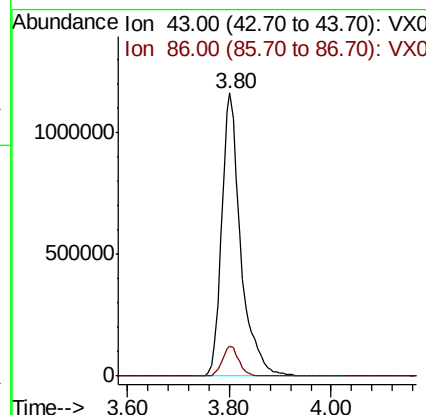
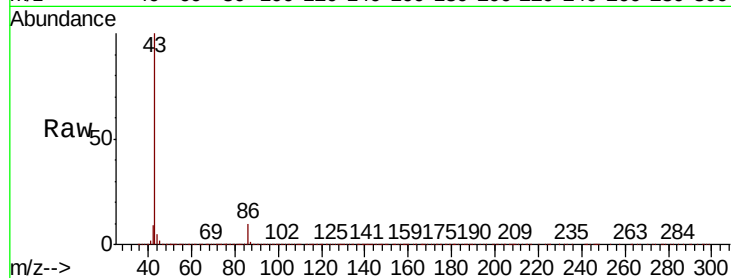




#23
 Vinyl Acetate
 Concen: 262.131 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

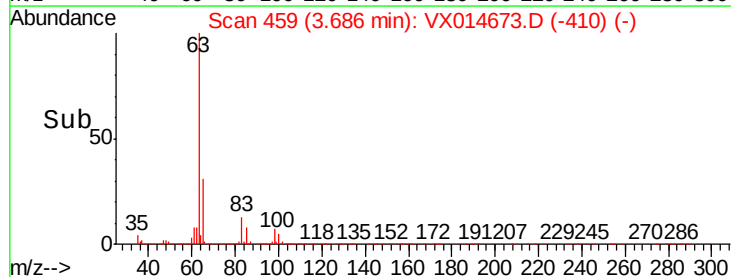
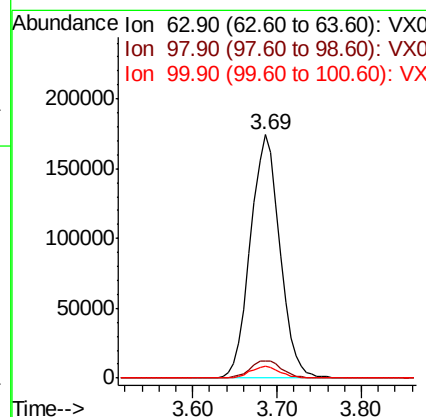
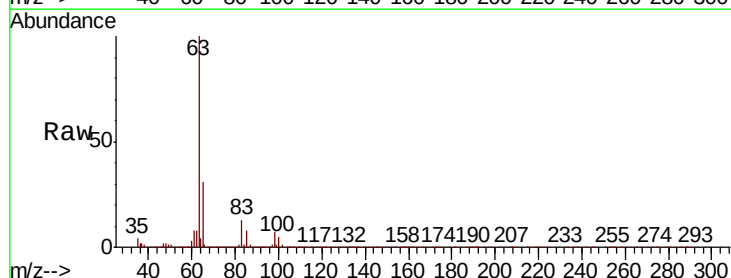
Instrument :
 MSVOA_X
 ClientSampled :

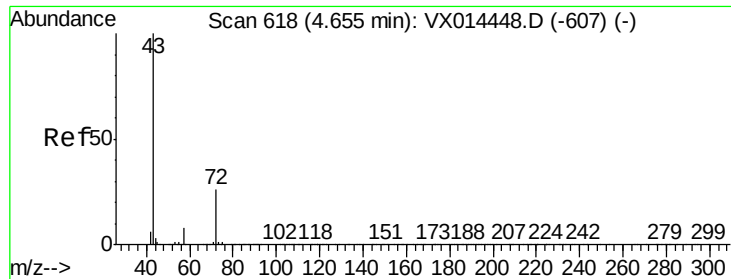
Tot Ion: 43 Resp: 3012184
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 51.152 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion: 63 Resp: 413008
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 263.841 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

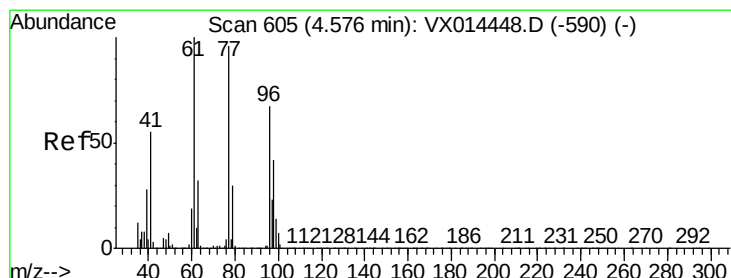
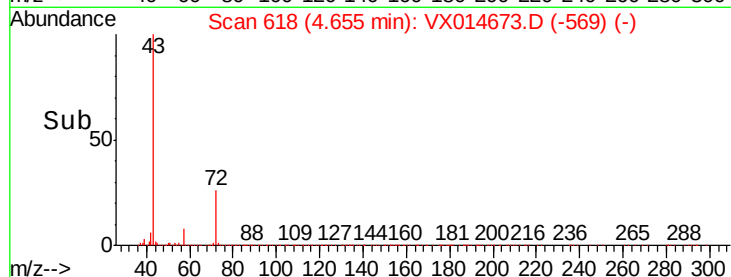
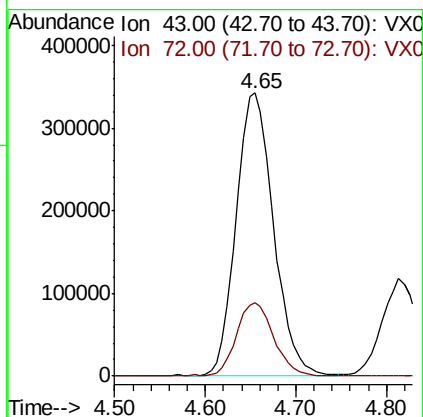
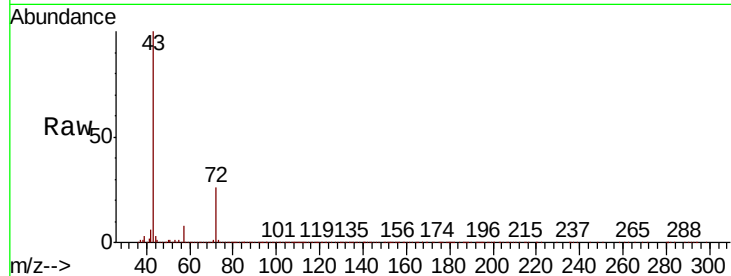
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 974478

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 50.016 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014673.D

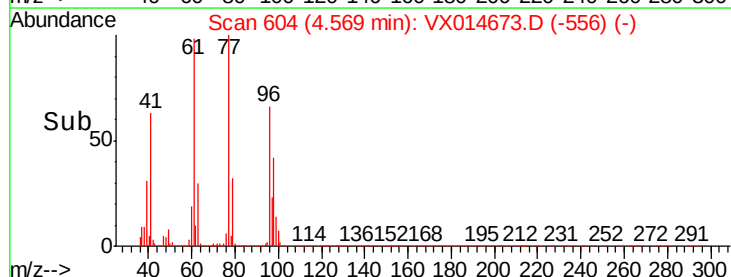
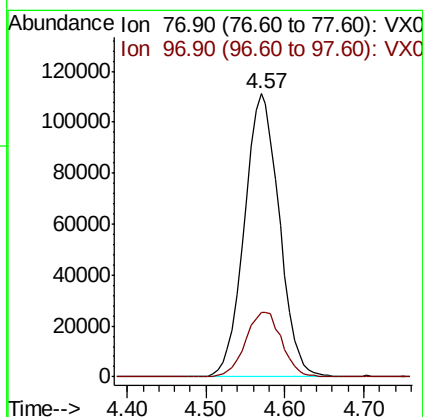
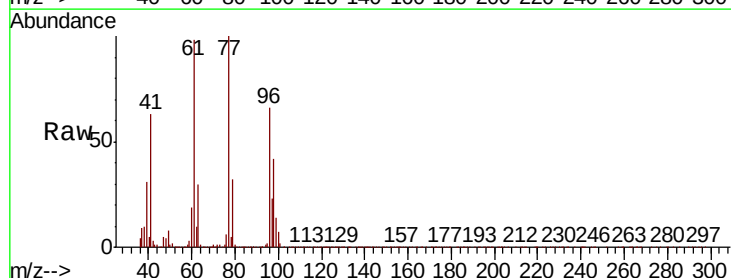
Acq: 21 Jan 2020 09:35

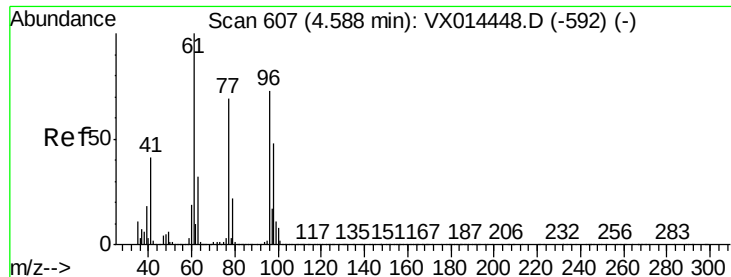
Tgt Ion: 77 Resp: 342098

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1



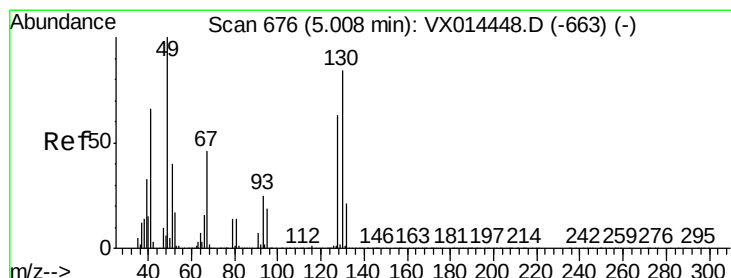
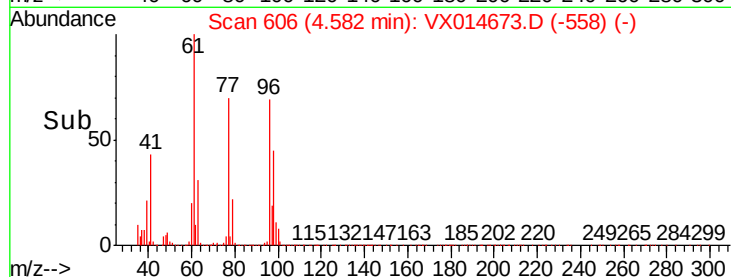
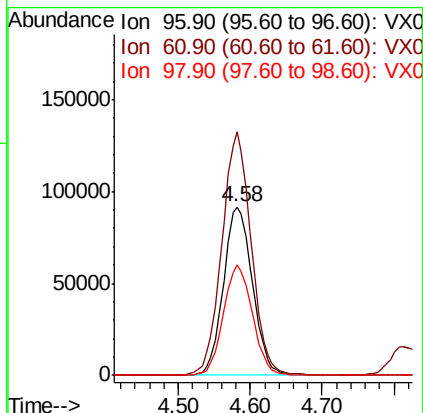
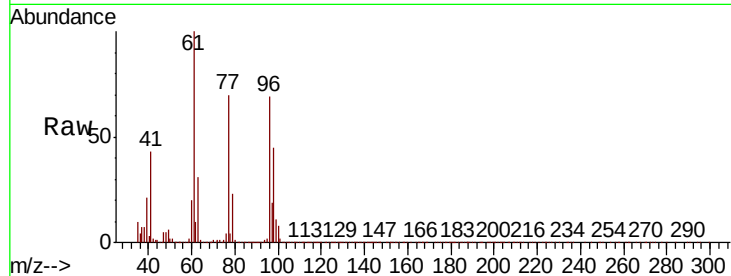


#27

cis-1,2-Dichloroethene
Concen: 48.207 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :

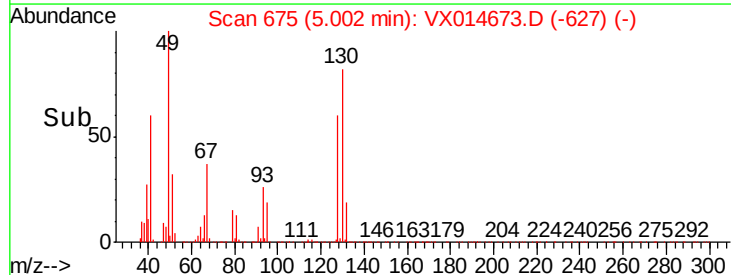
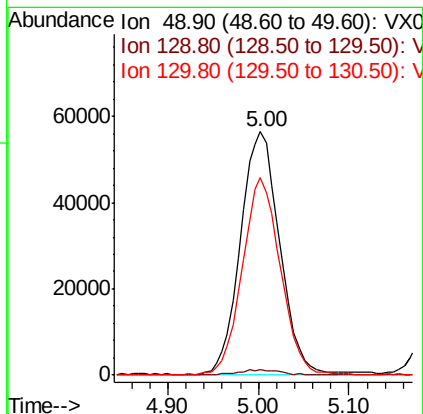
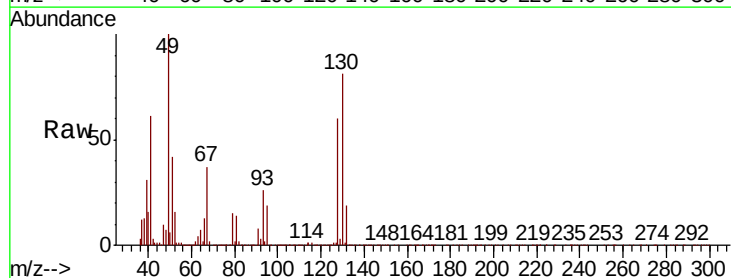
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	285.4
98	65.3	0.0	130.6

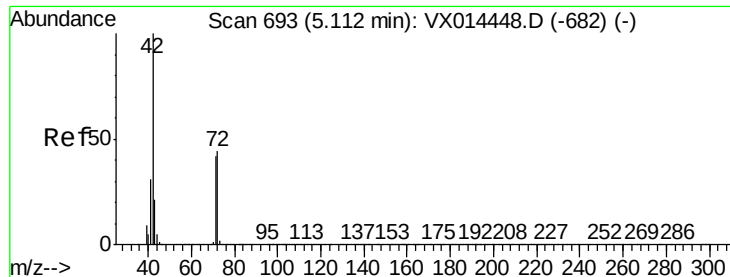


#28

Bromochloromethane
Concen: 49.229 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	79.7	67.0	100.4





#29

Tetrahydrofuran

Concen: 253.055 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

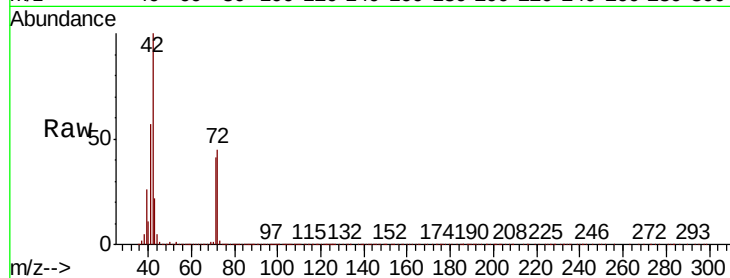
Tot Ion: 42 Resp: 552594

Ion Ratio Lower Upper

42 100

72 44.8 36.2 54.4

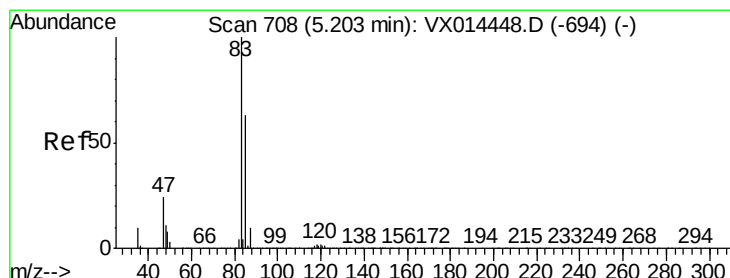
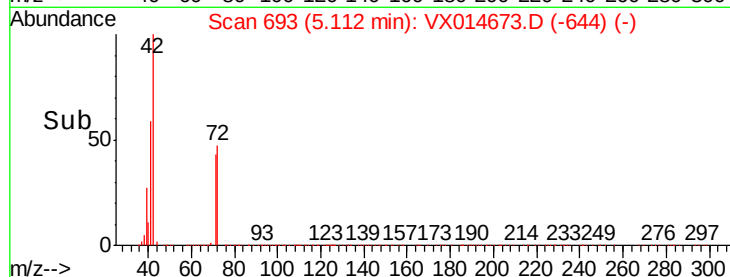
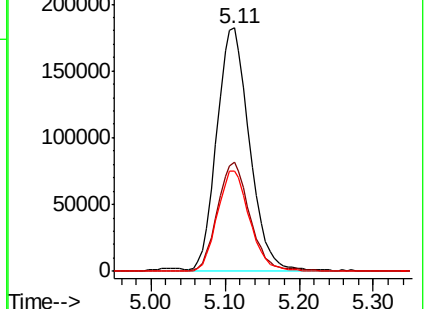
71 40.9 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.762 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014673.D

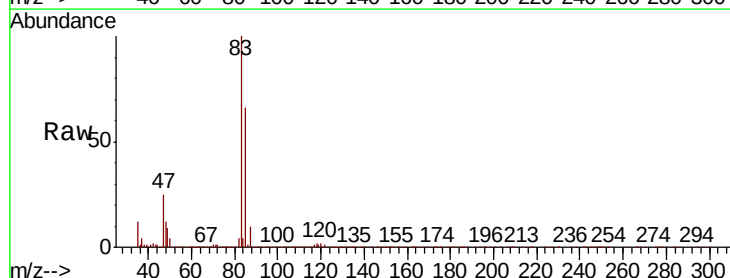
Acq: 21 Jan 2020 09:35

Tgt Ion: 83 Resp: 408390

Ion Ratio Lower Upper

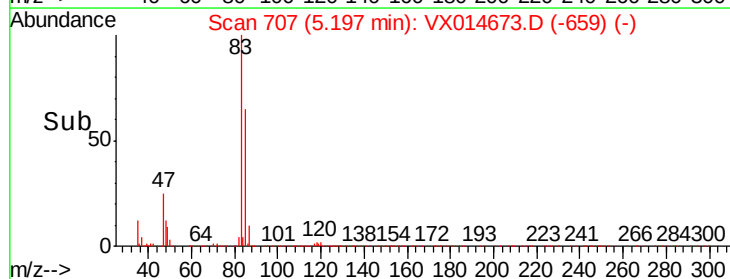
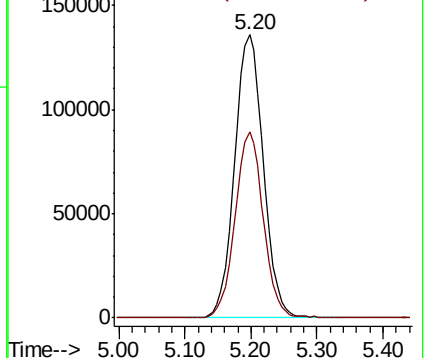
83 100

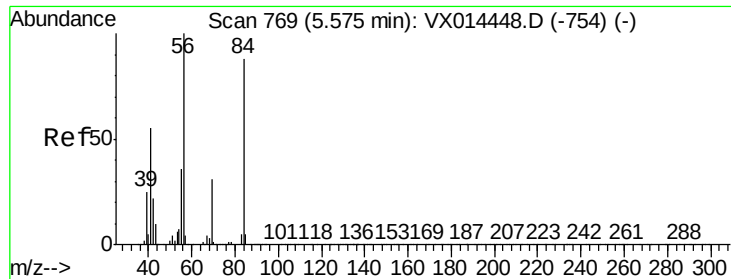
85 65.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

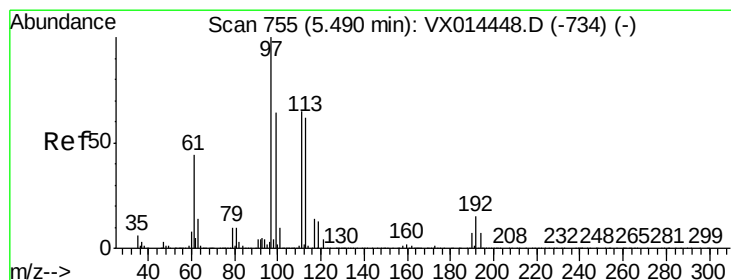
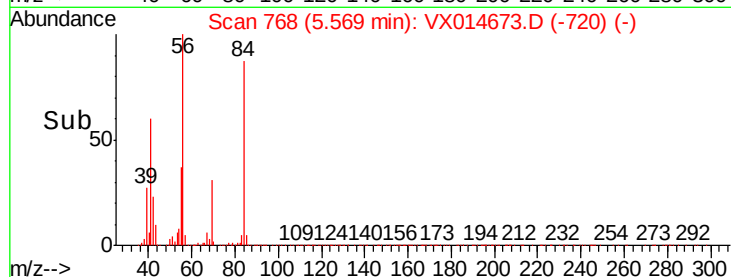
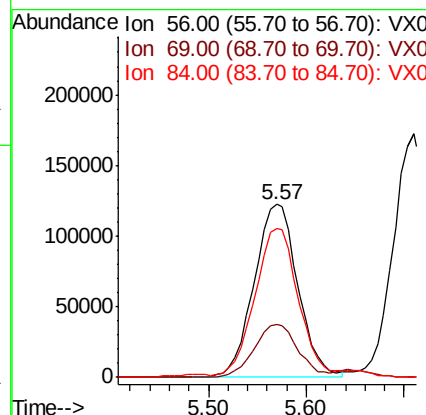
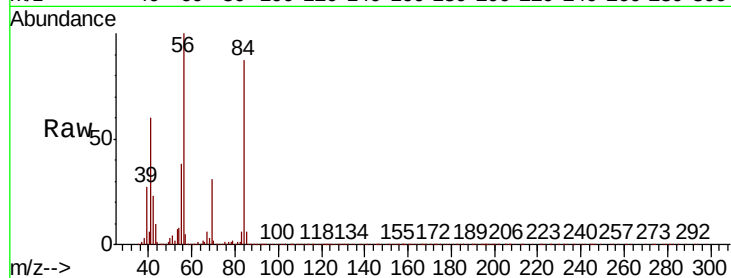




#31
Cyclohexane
Concen: 50.338 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

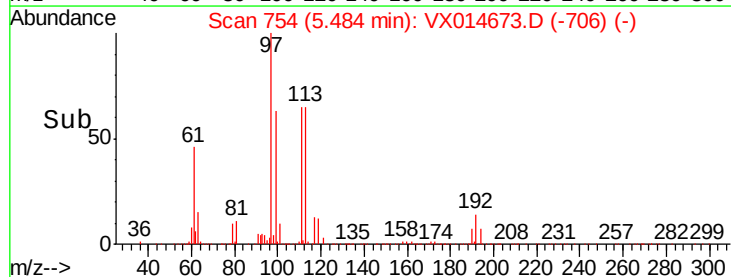
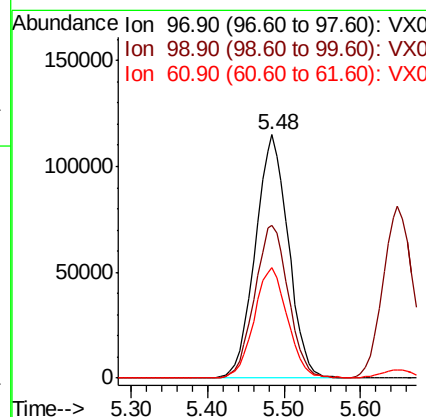
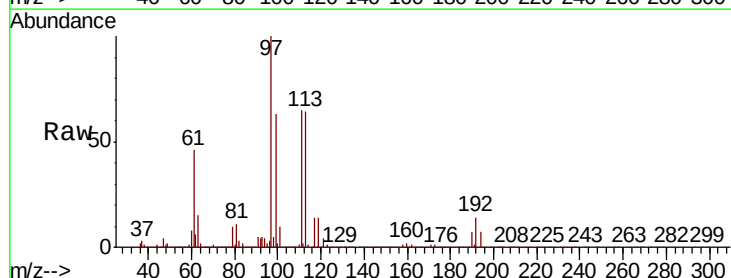
Instrument :
MSVOA_X
ClientSampleId :

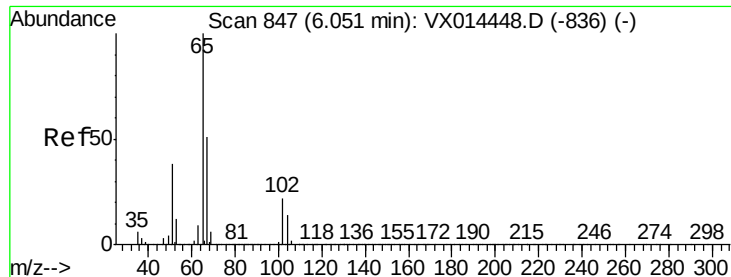
Tot Ion: 56 Resp: 380428
Ion Ratio Lower Upper
56 100
69 30.9 24.4 36.6
84 85.2 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 51.160 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 97 Resp: 345510
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 45.8 35.9 53.9

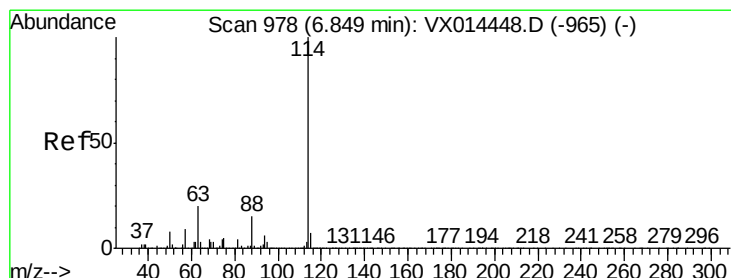
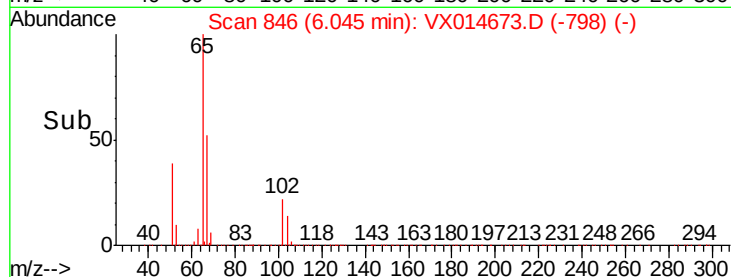
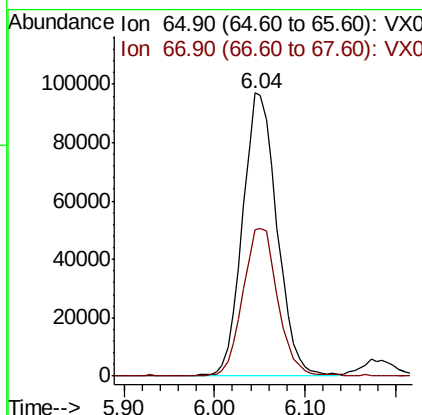
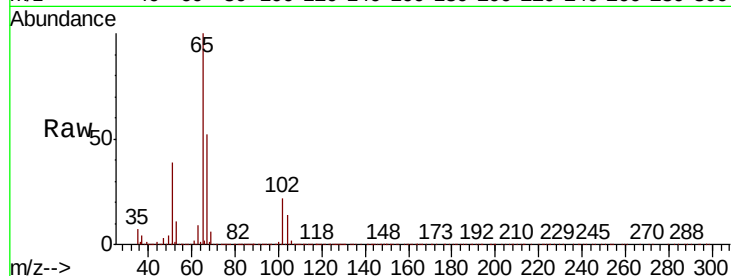




#33
 1,2-Dichloroethane-d4
 Concen: 51.748 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

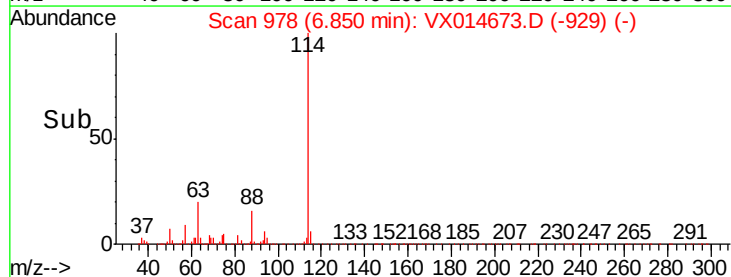
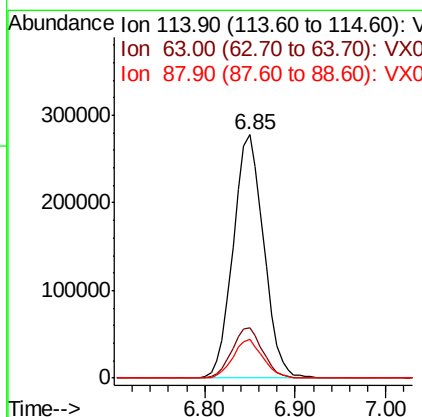
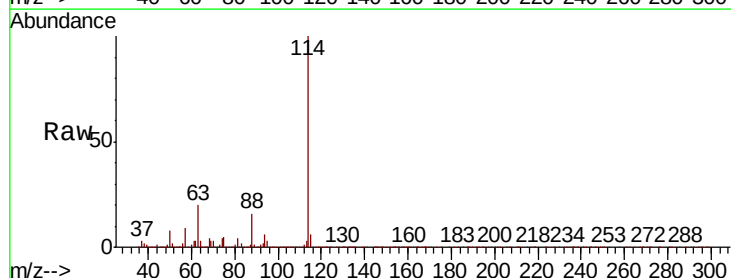
Instrument :
 MSVOA_X
 ClientSampleId :

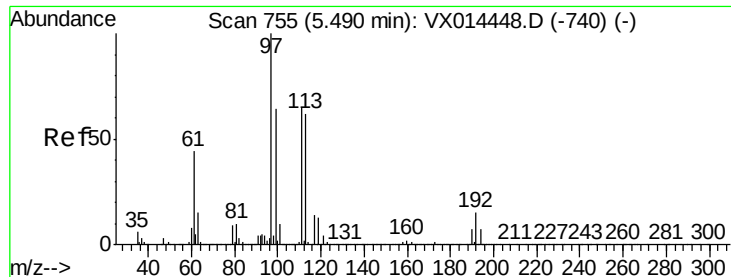
Tot Ion: 65 Resp: 255869
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion: 114 Resp: 649641
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 5.48 min Scan# 754

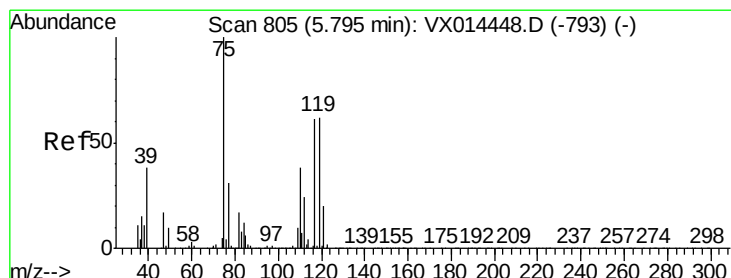
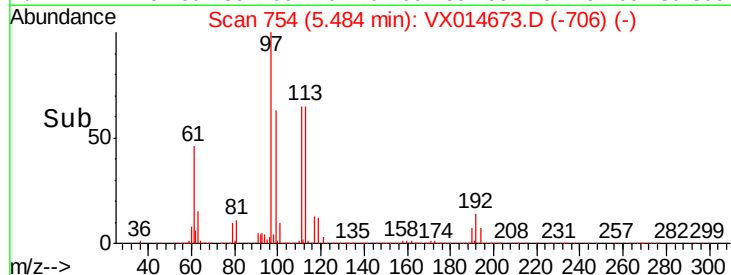
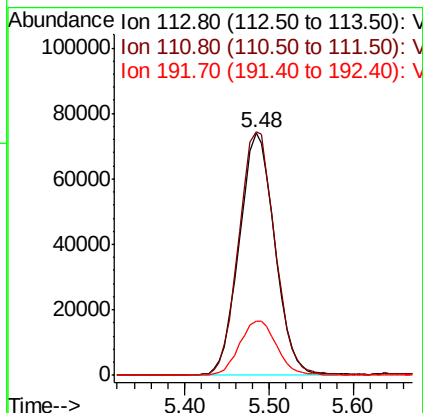
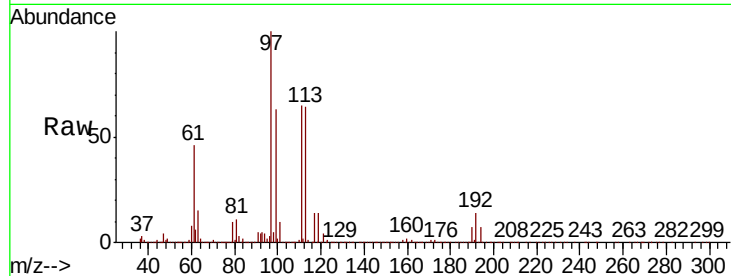
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	209992
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.6	19.2	28.8



#36

1,1-Dichloropropene

Concen: 50.639 ug/l

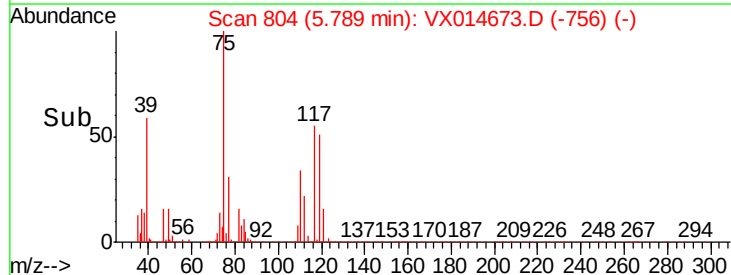
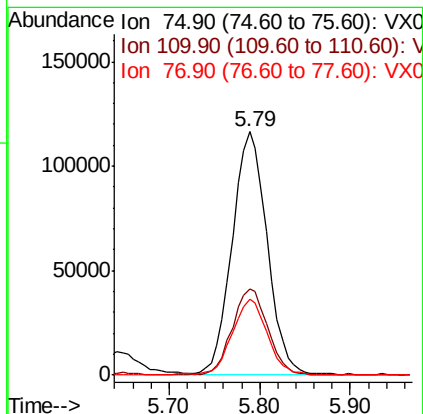
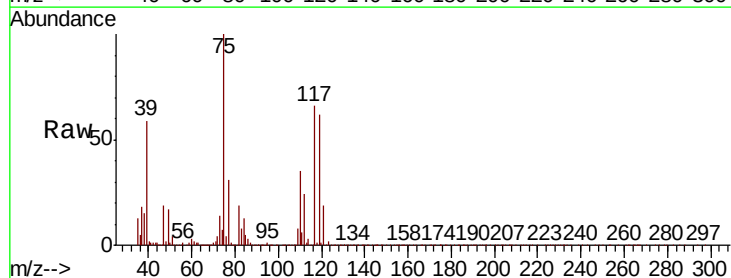
RT: 5.79 min Scan# 804

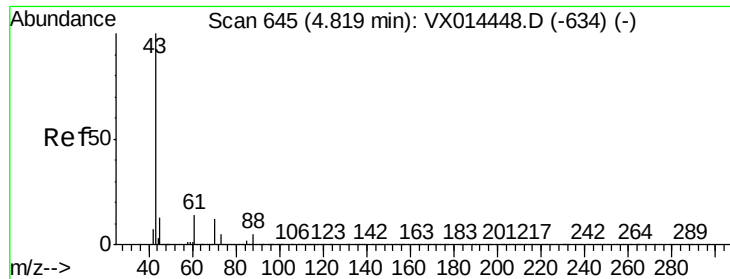
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	75	Resp:	309366
Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.6	55.8
77	30.8	24.5	36.7

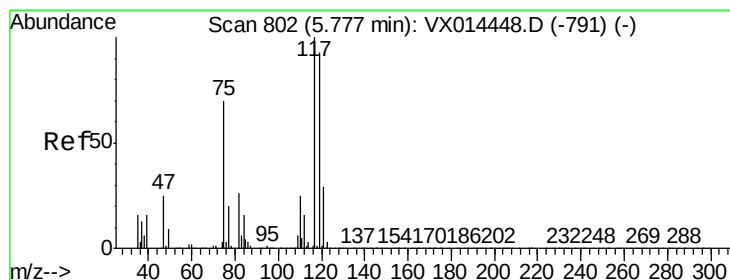
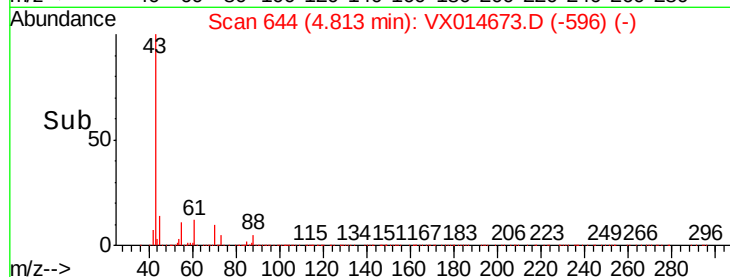
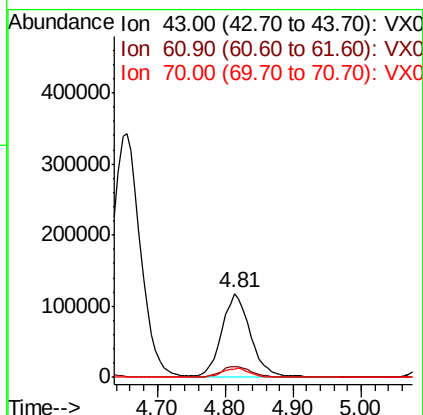
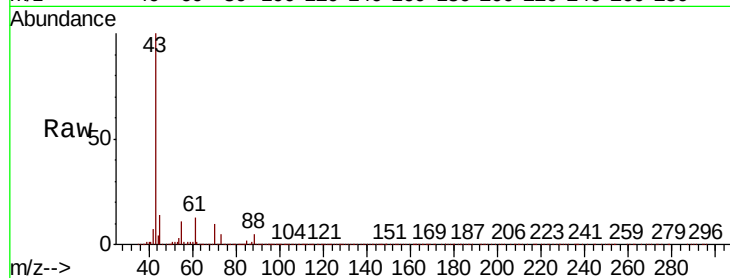




#37
Ethyl Acetate
Concen: 51.100 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

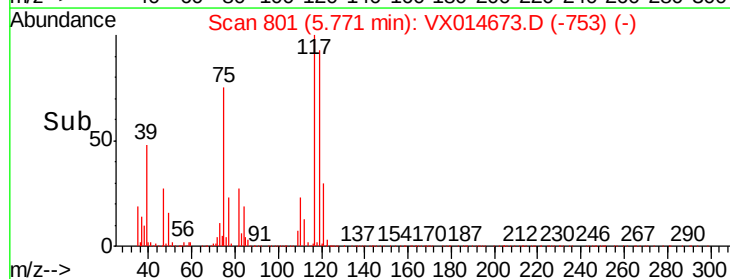
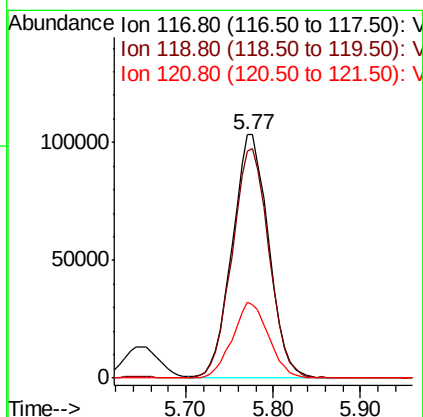
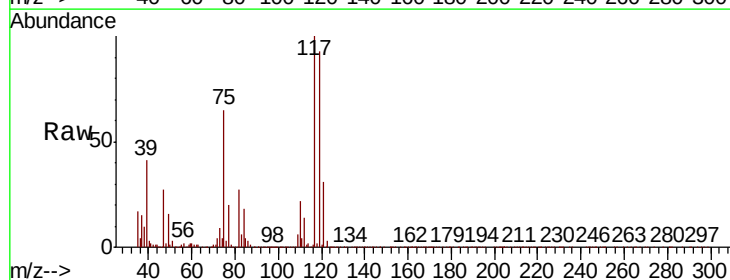
Instrument :
MSVOA_X
ClientSampleId :

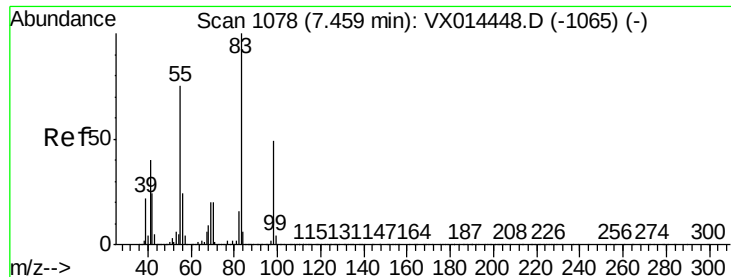
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.1	8.9	13.3



#38
Carbon Tetrachloride
Concen: 53.078 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	73.8	110.8
121	31.3	23.4	35.0

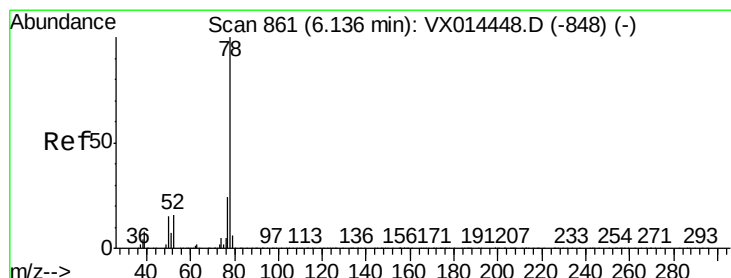
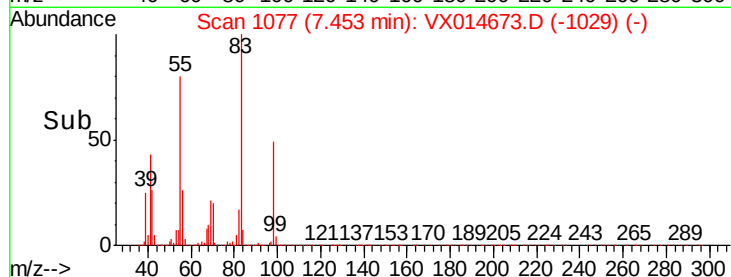
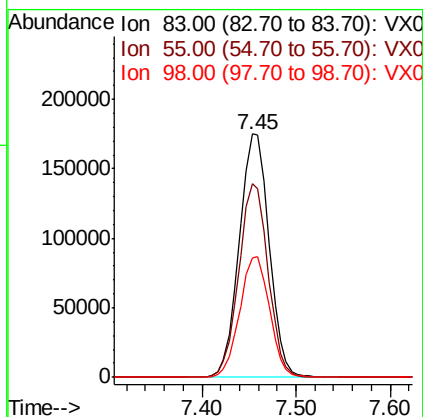
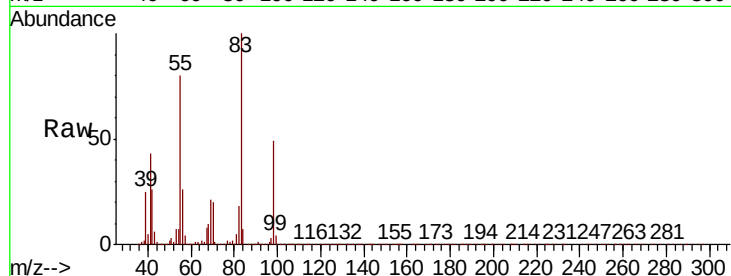




#39
Methylvlcyclohexane
Concen: 50.291 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

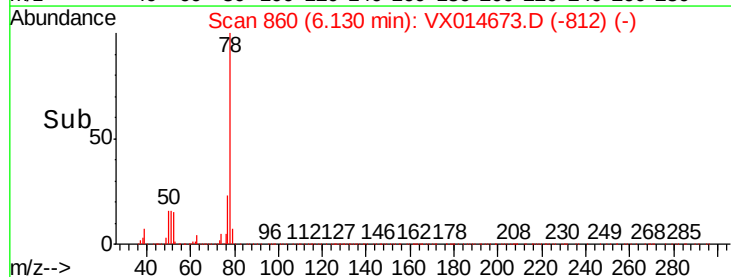
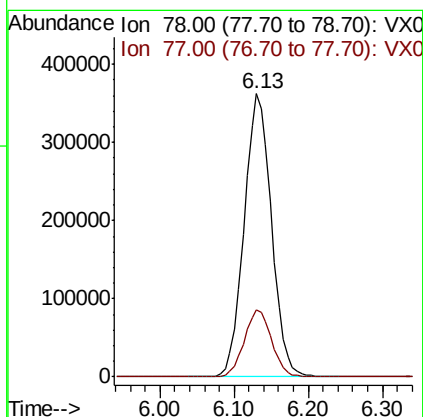
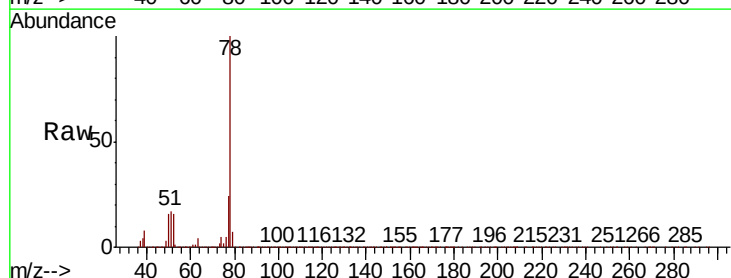
Instrument :
MSVOA_X
ClientSampleId :

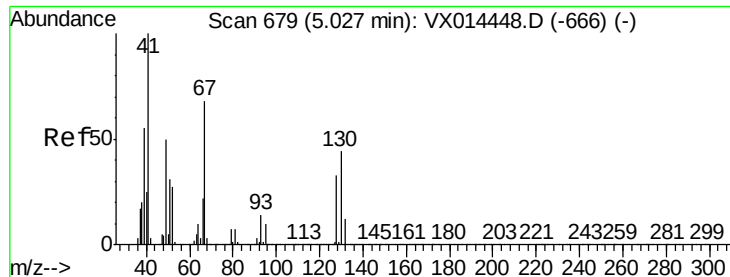
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	59.7	89.5
98	49.0	39.1	58.7



#40
Benzene
Concen: 51.462 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3

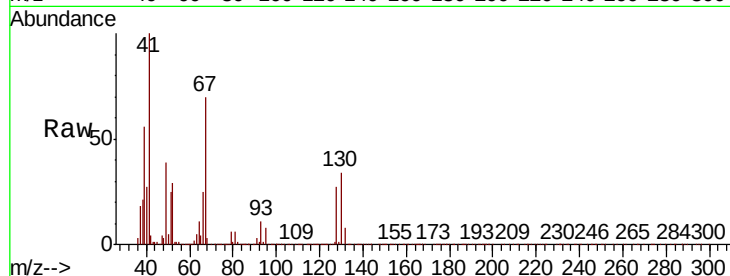




#41
Methacrylonitrile
Concen: 53.131 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	188018
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.6	65.4
67	70.5	57.9	86.9
52	28.6	23.0	34.6



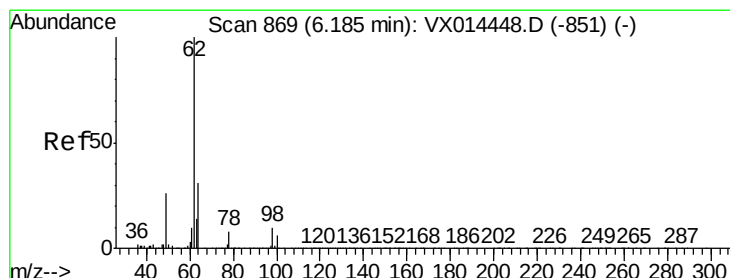
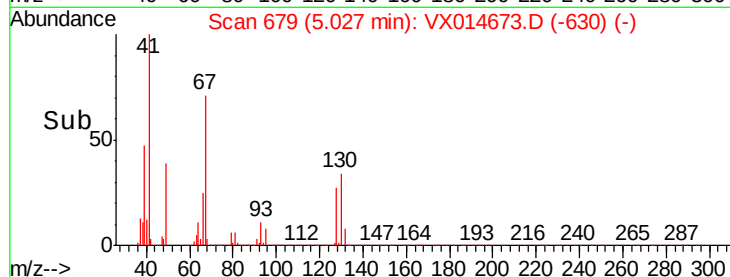
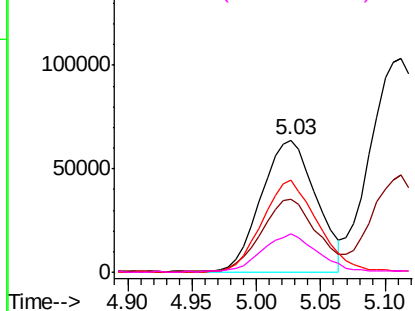
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

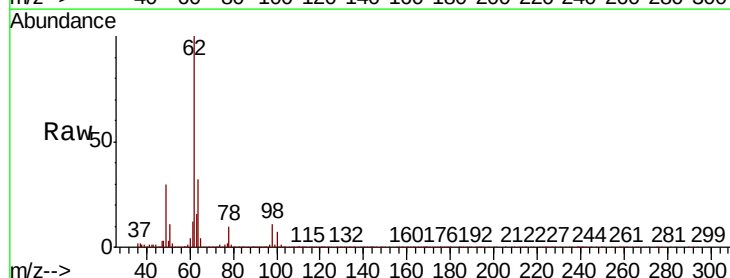
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.829 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

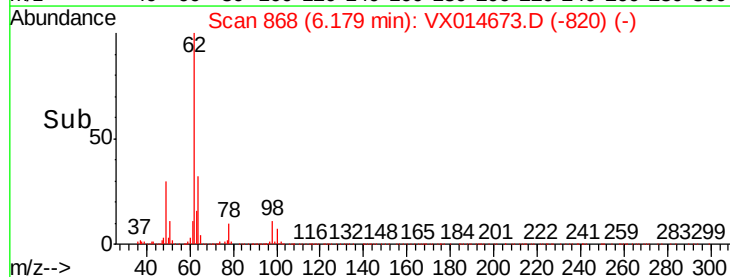
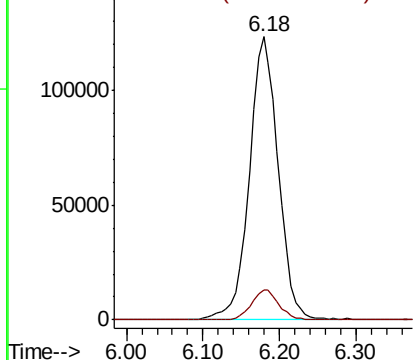
Tgt Ion:	62	Resp:	322243
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

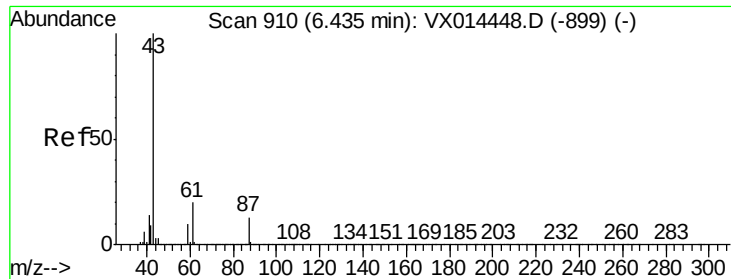


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.569 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

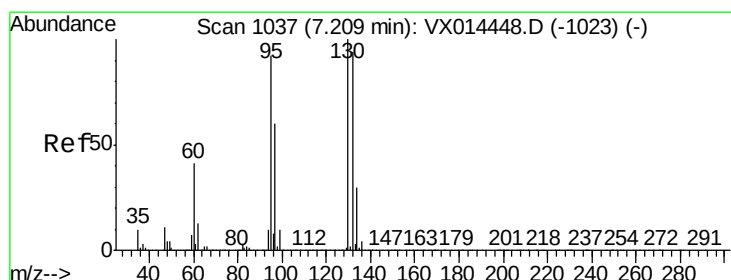
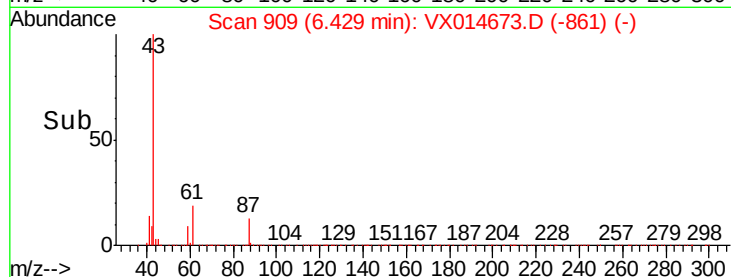
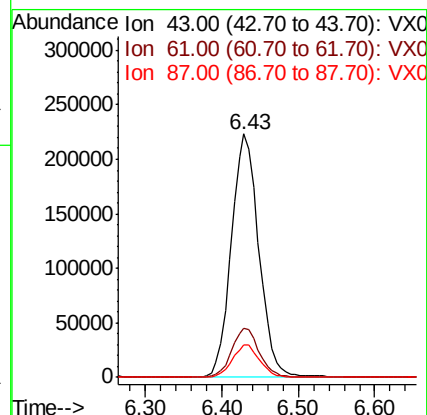
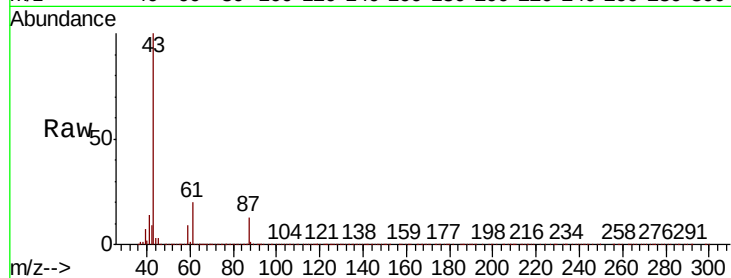
Tot Ion: 43 Resp: 552817

Ion Ratio Lower Upper

43 100

61 20.3 16.6 24.8

87 13.3 10.8 16.2



#44

Trichloroethene

Concen: 49.898 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014673.D

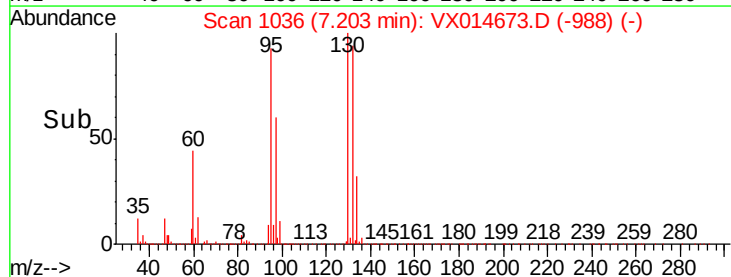
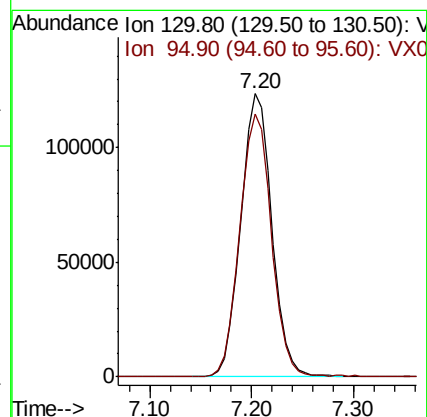
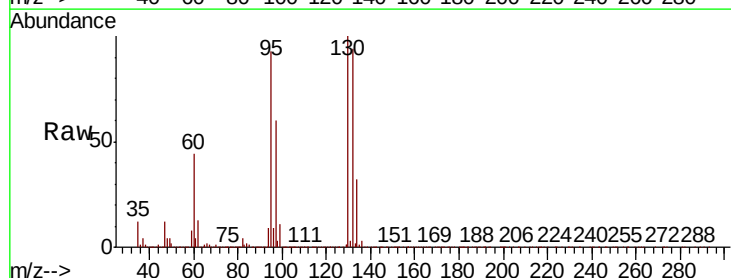
Acq: 21 Jan 2020 09:35

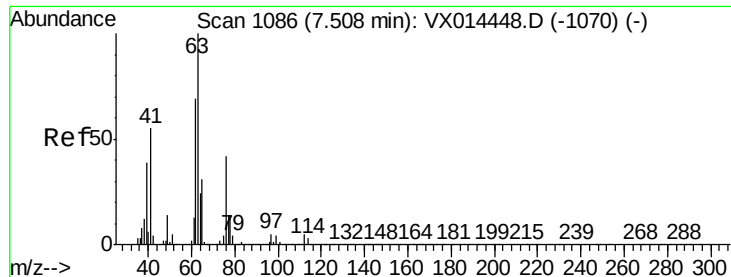
Tgt Ion: 130 Resp: 260008

Ion Ratio Lower Upper

130 100

95 92.9 0.0 184.2





#45

1,2-Dichloropropane

Concen: 53.591 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

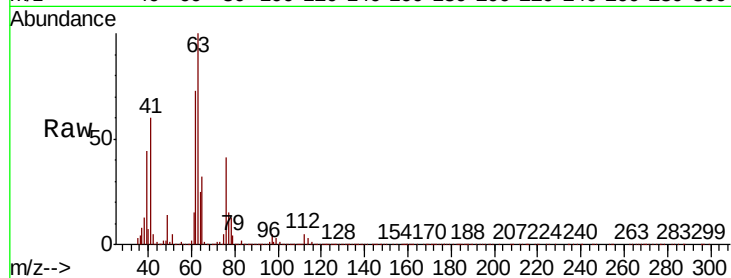
ClientSampleId :

Tot Ion: 63 Resp: 247743

Ion Ratio Lower Upper

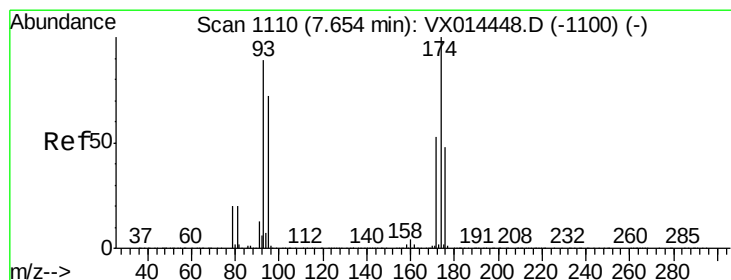
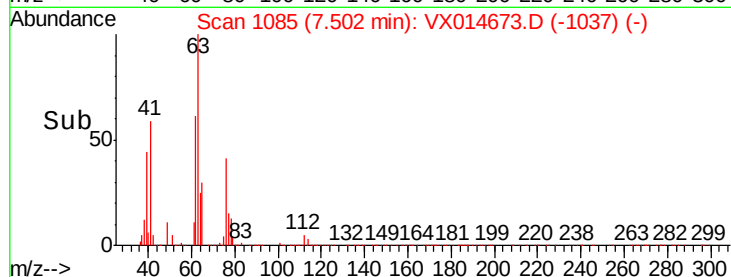
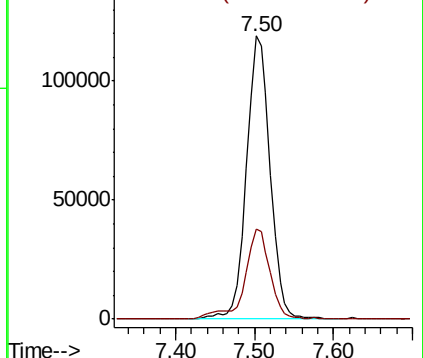
63 100

65 31.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.016 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

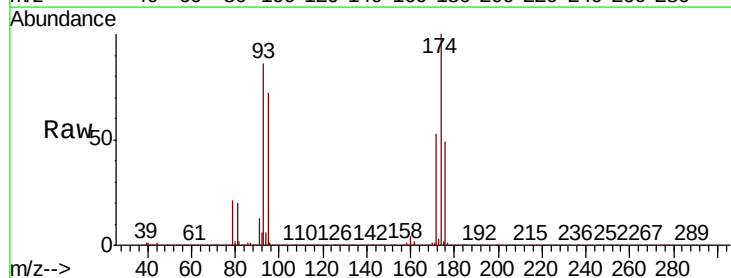
Tgt Ion: 93 Resp: 158153

Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.2

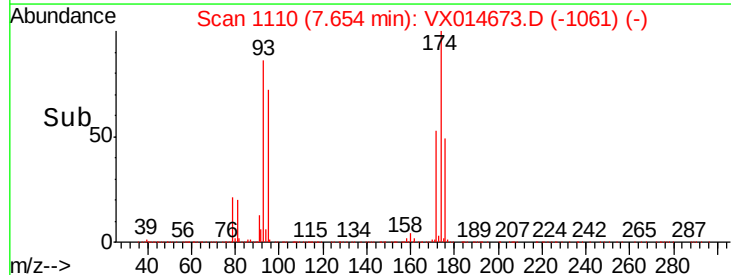
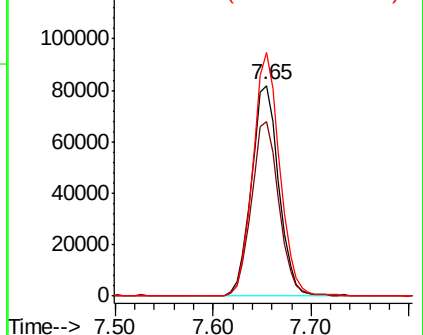
174 114.2 93.0 139.4

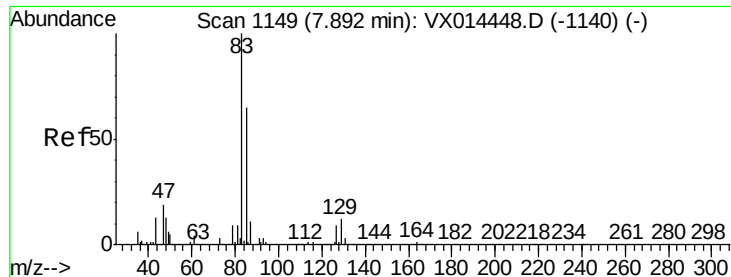


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.863 ug/l

RT: 7.89 min Scan# 1149

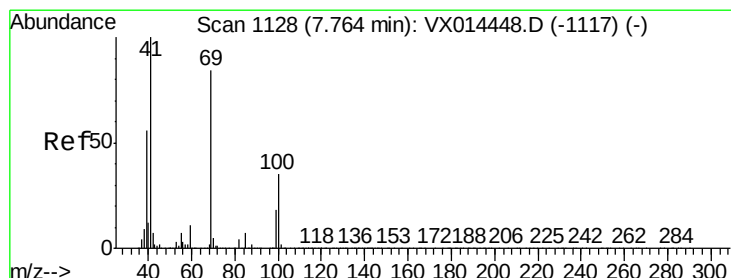
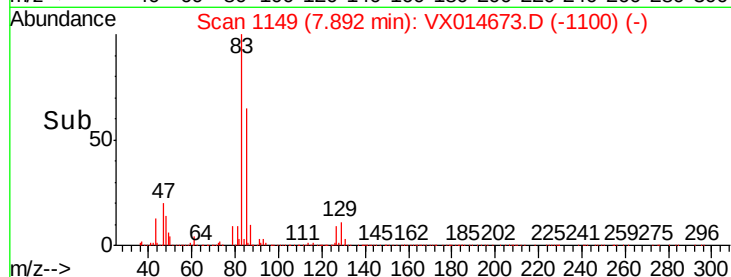
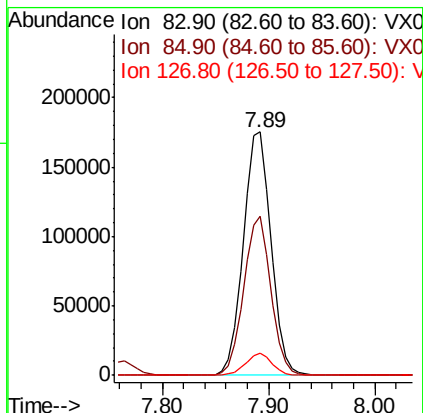
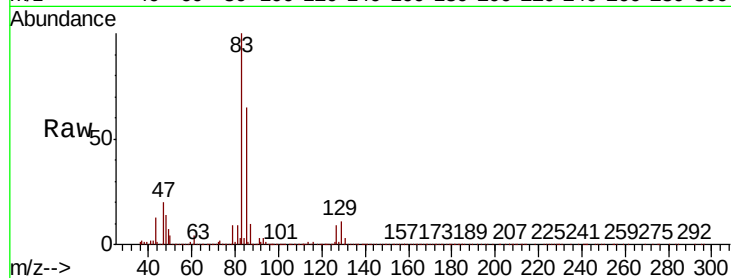
Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	322105
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.7	77.5
127	9.0	7.1	10.7



#48

Methyl methacrylate

Concen: 53.485 ug/l

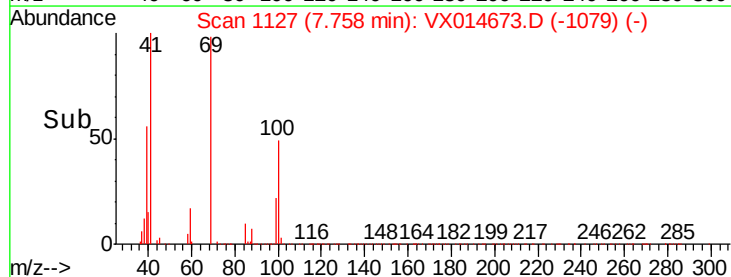
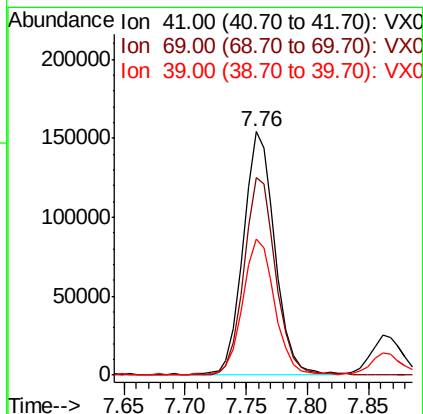
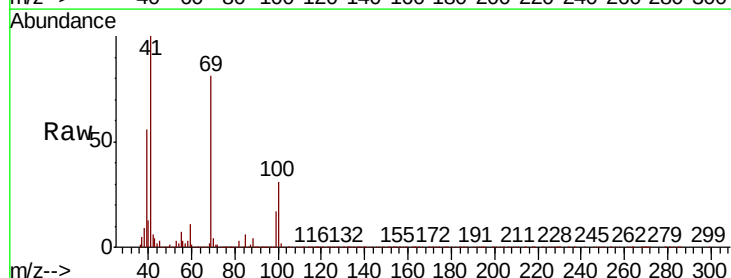
RT: 7.76 min Scan# 1127

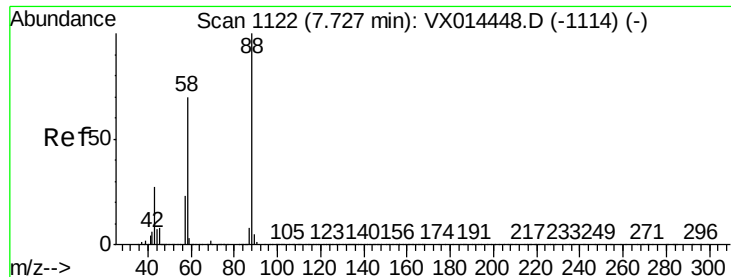
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	41	Resp:	274606
Ion	Ratio	Lower	Upper
41	100		
69	81.7	65.5	98.3
39	56.4	43.9	65.9

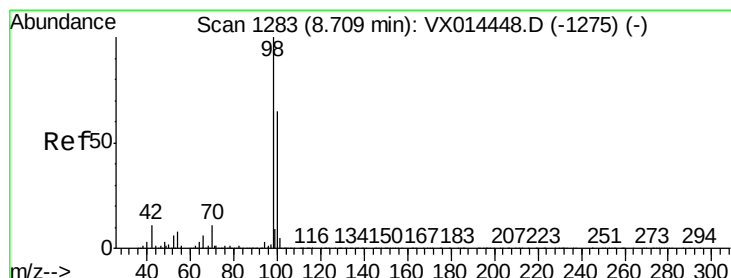
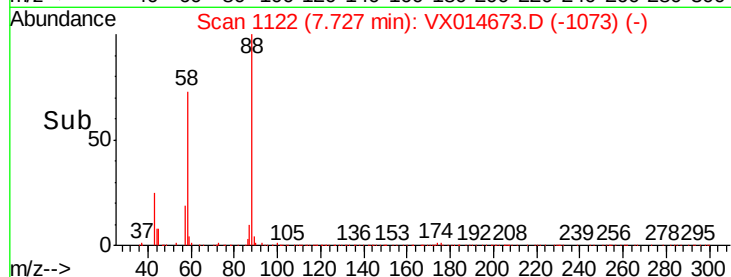
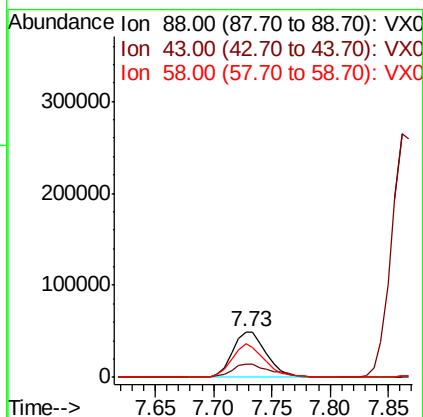
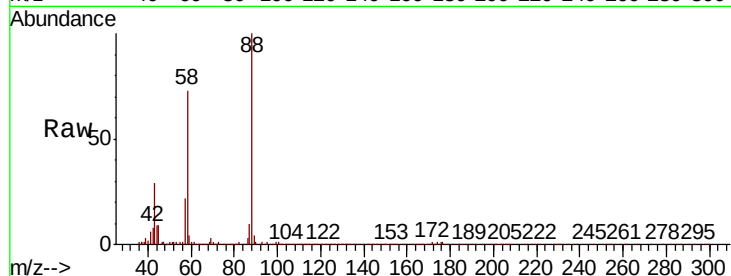




#49
1,4-Dioxane
Concen: 902.659 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

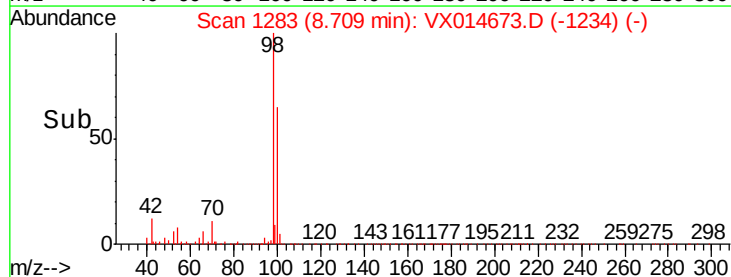
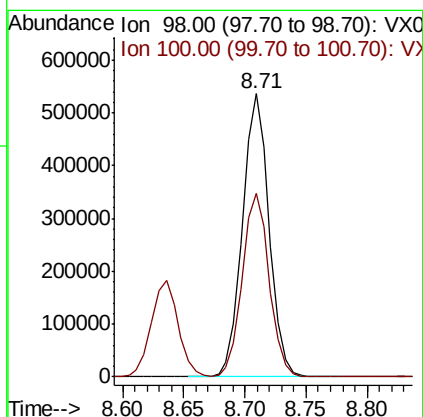
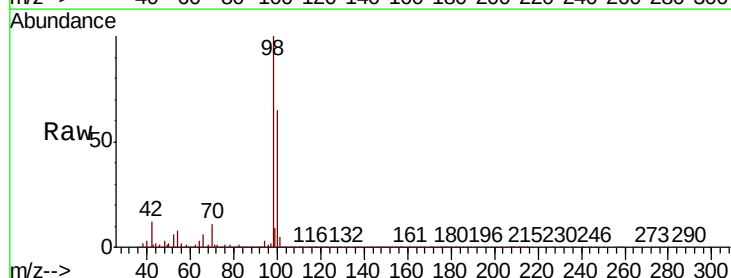
Instrument :
MSVOA_X
ClientSampleId :

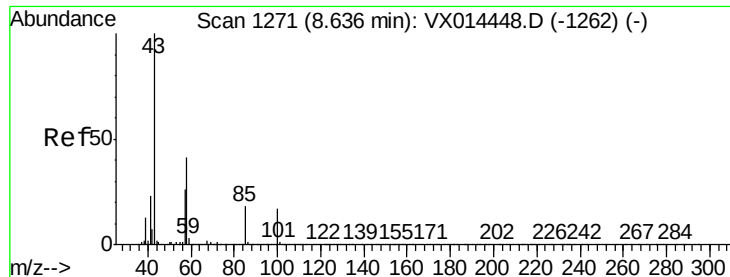
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.4	41.0
58	71.8	57.1	85.7



#50
Toluene-d8
Concen: 52.710 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8

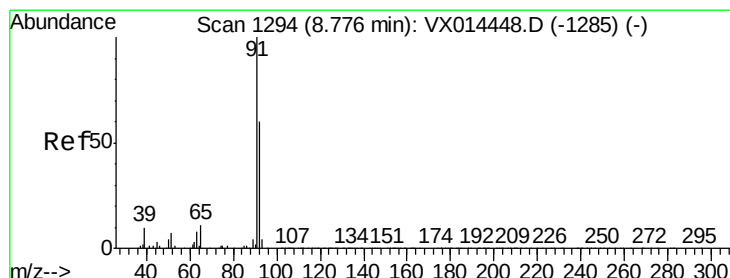
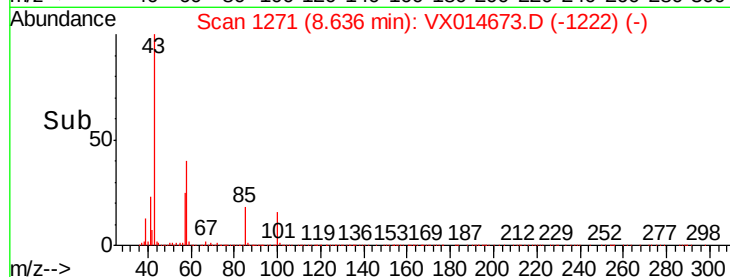
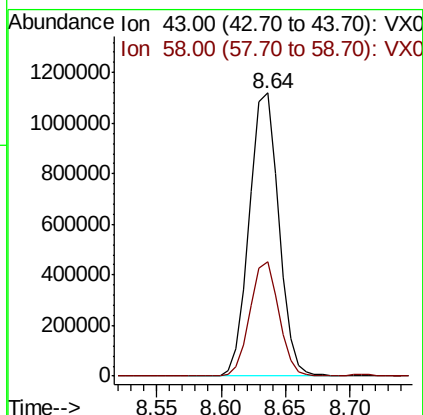
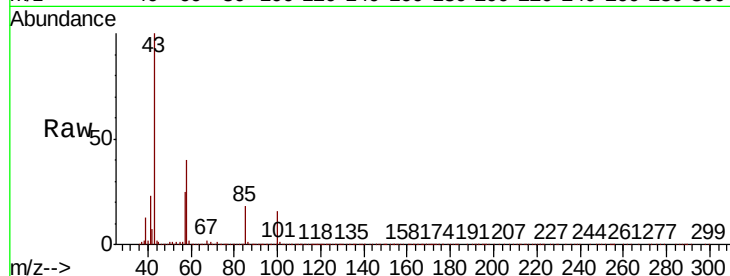




#51
4-Methyl-2-Pentanone
Concen: 270.007 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

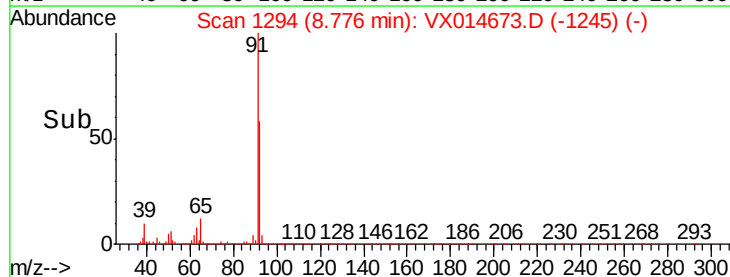
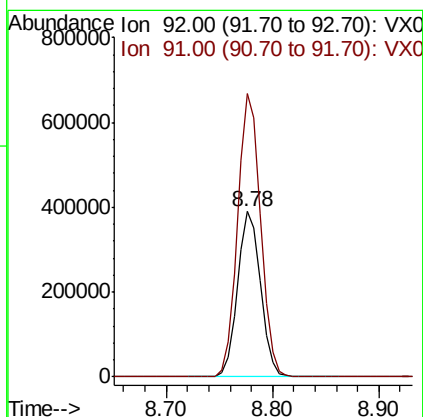
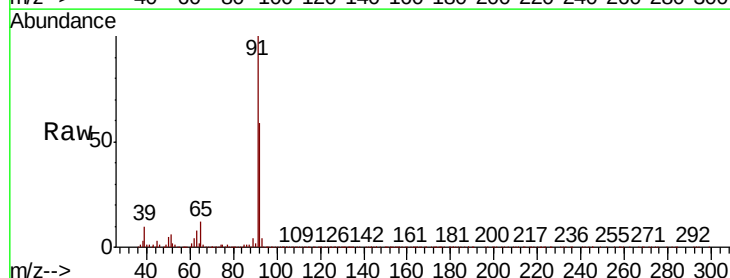
Instrument :
MSVOA_X
ClientSampleId :

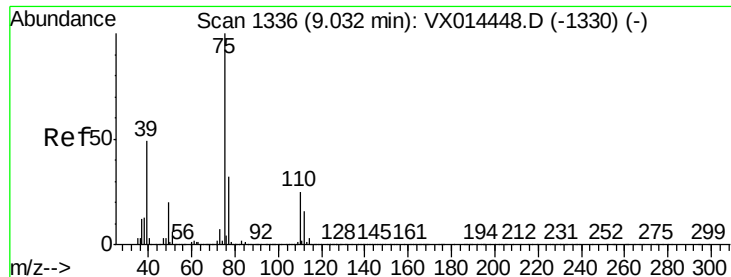
Tot Ion: 43 Resp: 1763794
Ion Ratio Lower Upper
43 100
58 39.6 32.4 48.6



#52
Toluene
Concen: 50.918 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 92 Resp: 591020
Ion Ratio Lower Upper
92 100
91 171.9 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 52.041 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

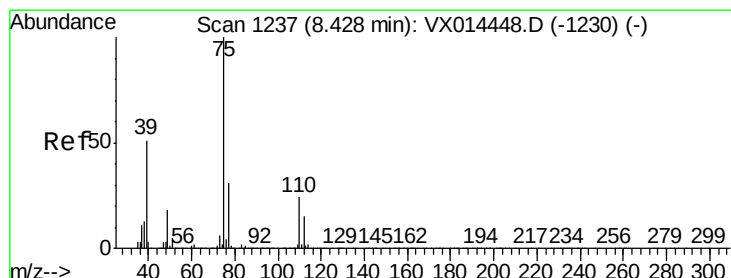
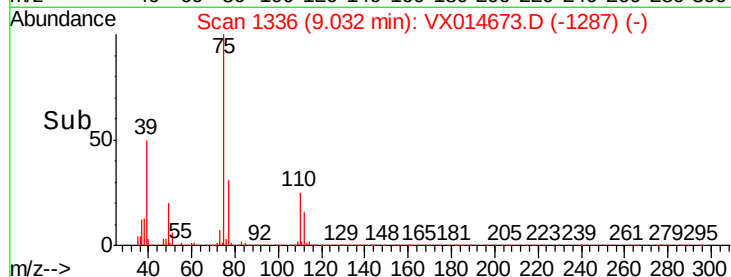
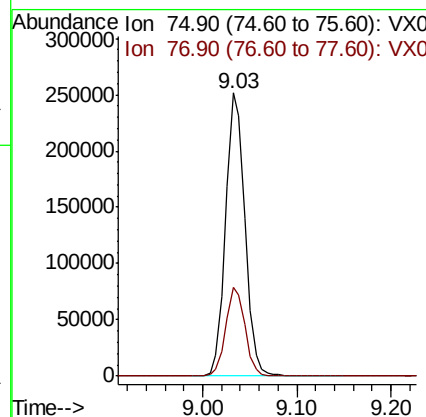
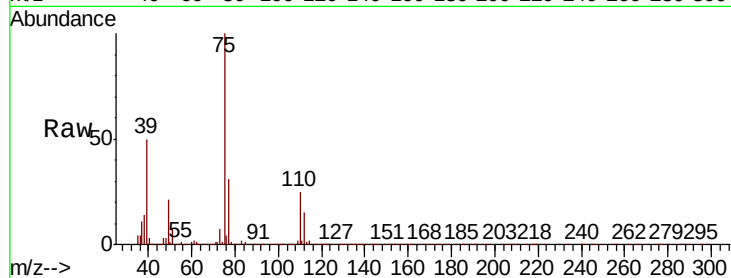
ClientSampleId :

Tot Ion: 75 Resp: 355712

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.136 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

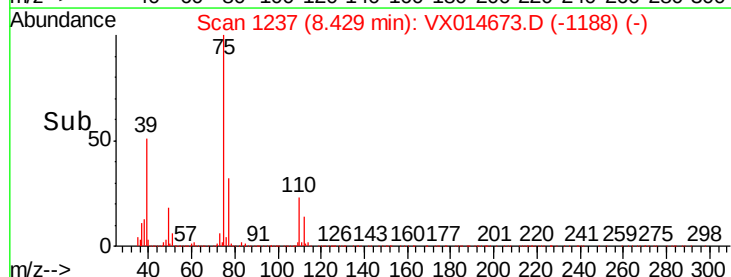
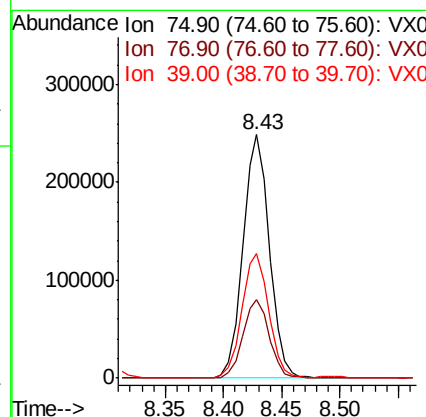
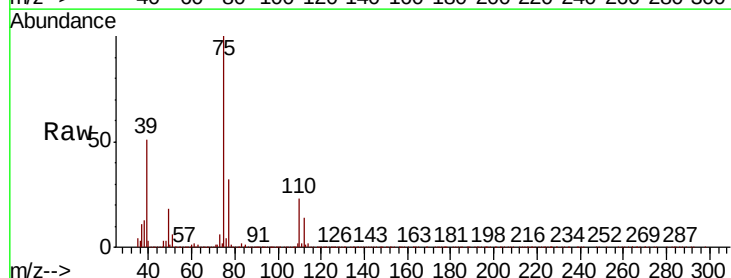
Tgt Ion: 75 Resp: 392333

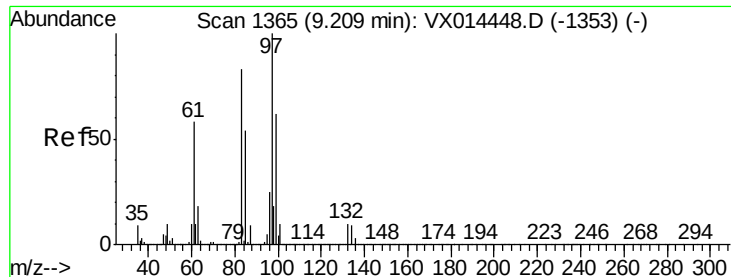
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 51.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 51.959 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 242243

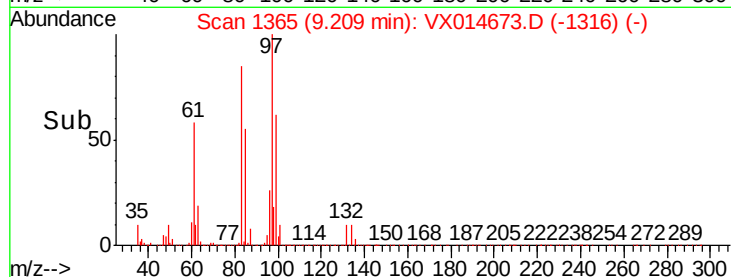
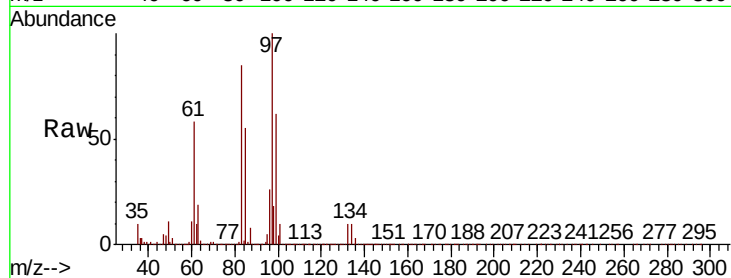
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.4	99.6
85	54.9	43.4	65.2
99	62.1	49.6	74.4

97 100

83 84.7 66.4 99.6

85 54.9 43.4 65.2

99 62.1 49.6 74.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

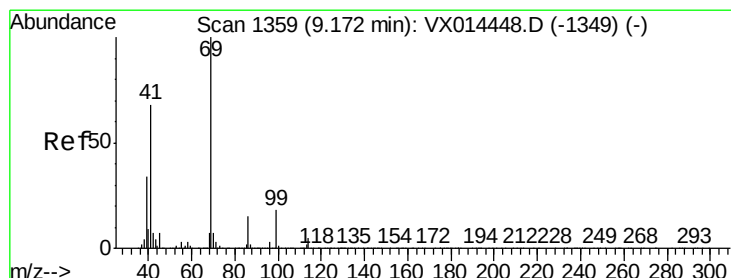
100000

50000

0

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 52.881 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

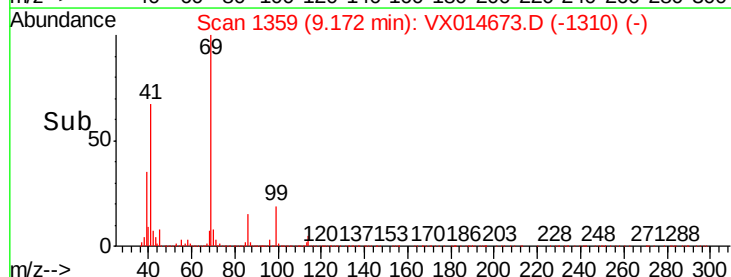
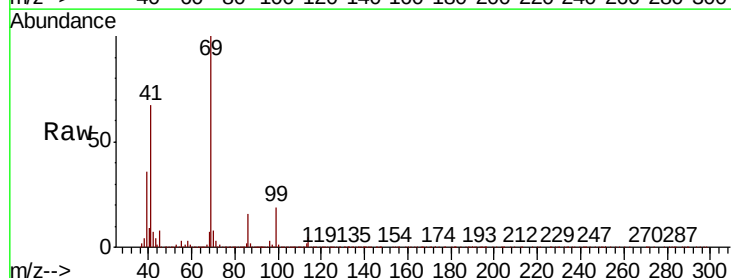
Tgt Ion: 69 Resp: 377708

Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.2	81.2
39	36.8	28.2	42.2

69 100

41 69.7 54.2 81.2

39 36.8 28.2 42.2



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

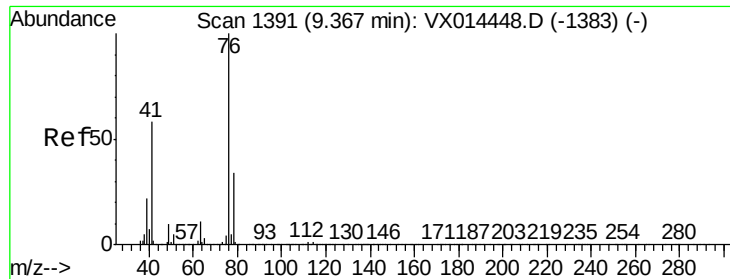
200000

100000

0

9.10 9.20 9.30

Time-->



#57

1,3-Dichloropropane

Concen: 52.416 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

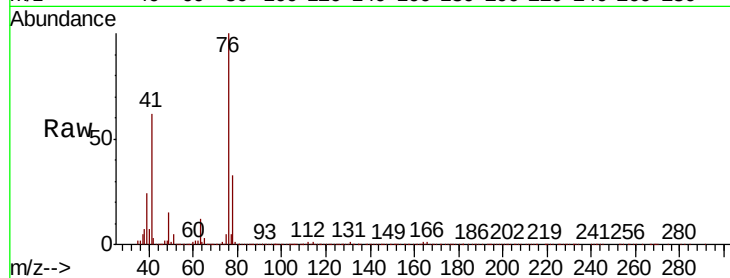
ClientSampleId :

Tot Ion: 76 Resp: 408595

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

300000

250000

200000

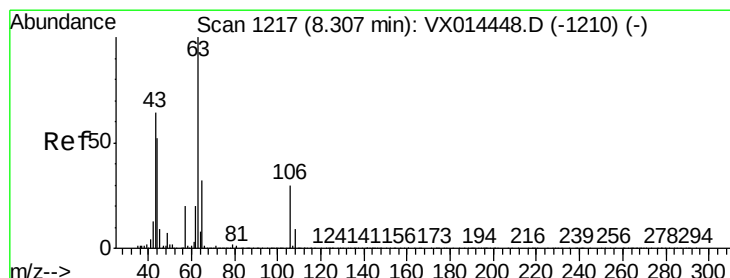
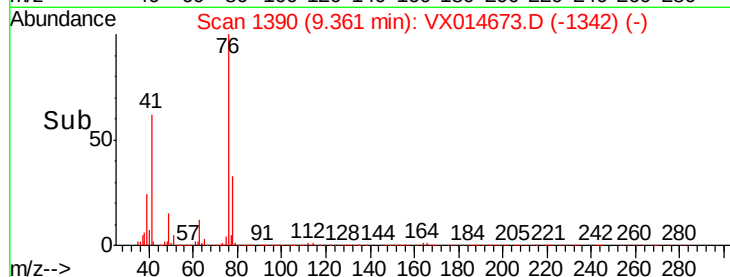
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 268.145 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014673.D

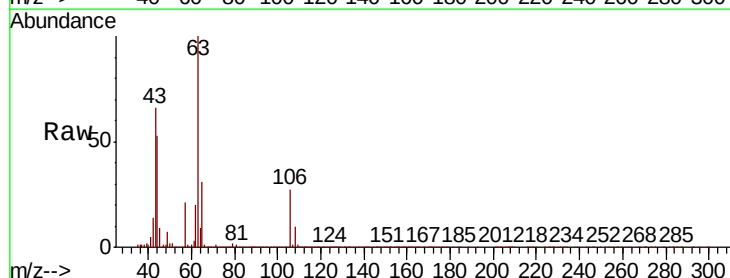
Acq: 21 Jan 2020 09:35

Tgt Ion: 63 Resp: 651640

Ion Ratio Lower Upper

63 100

106 28.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

400000

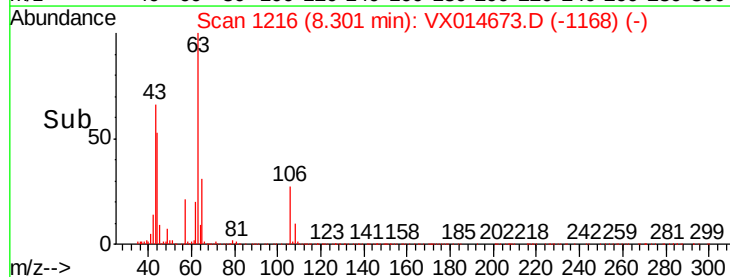
300000

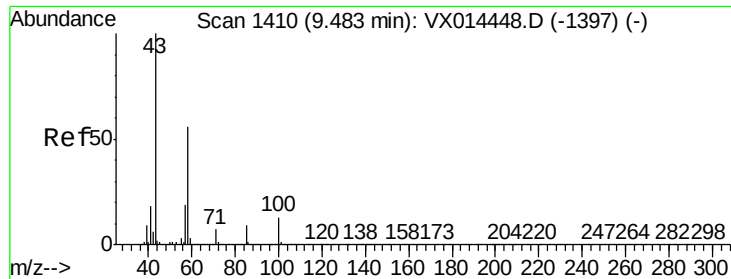
200000

100000

0

Time-->

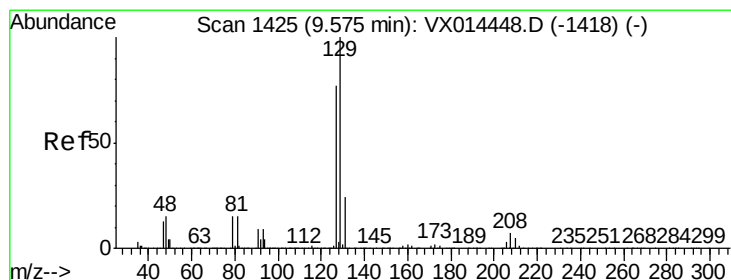
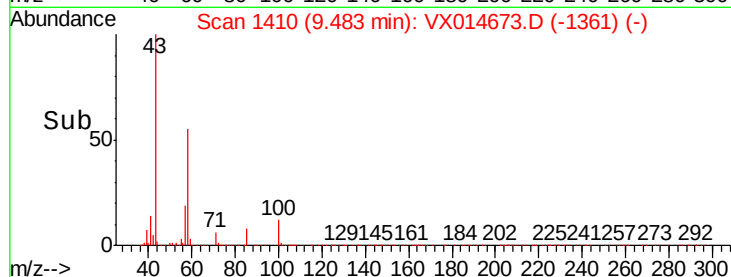
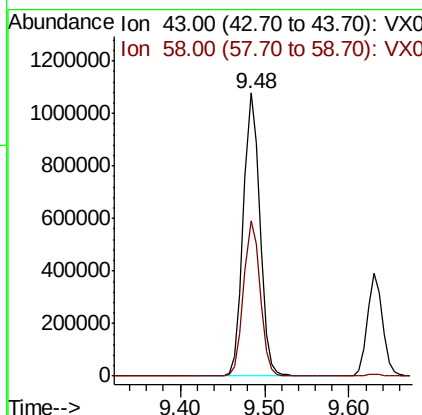
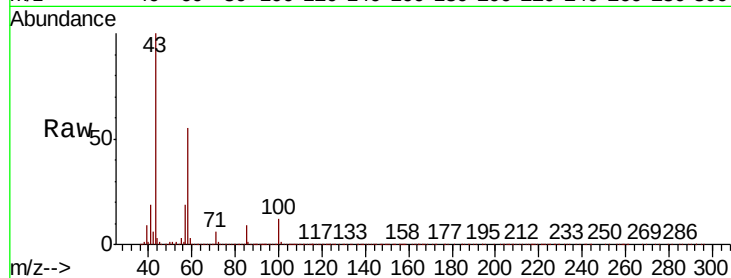




#59
2-Hexanone
Concen: 272.874 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

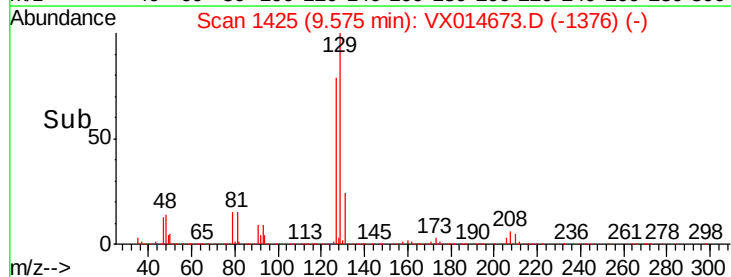
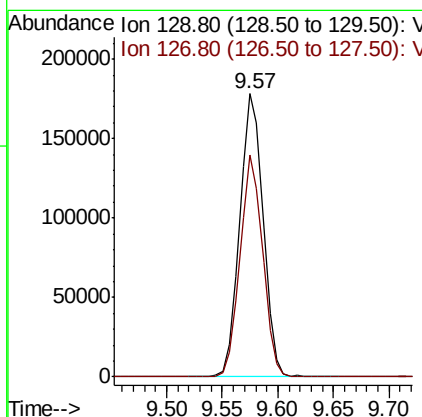
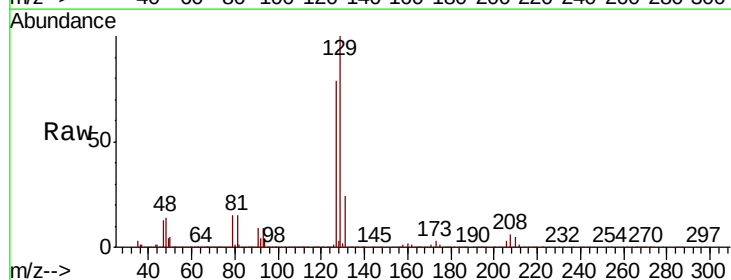
Instrument :
MSVOA_X
ClientSampleId :

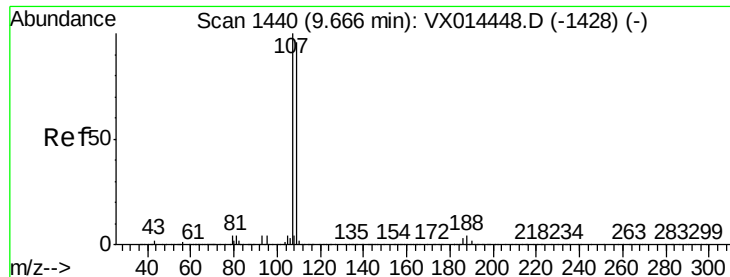
Tot Ion: 43 Resp: 1410409
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.7



#60
Dibromochloromethane
Concen: 55.171 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 129 Resp: 258531
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.219 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

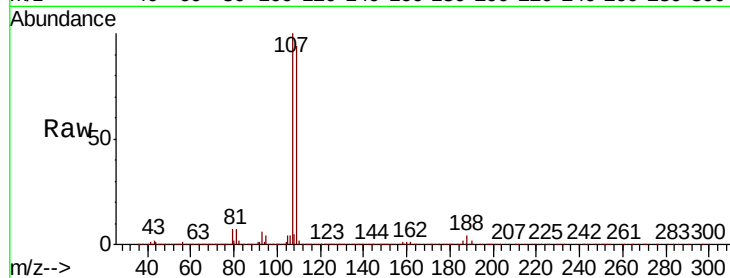
ClientSampleId :

Tot Ion: 107 Resp: 252949

Ion Ratio Lower Upper

107 100

109 93.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

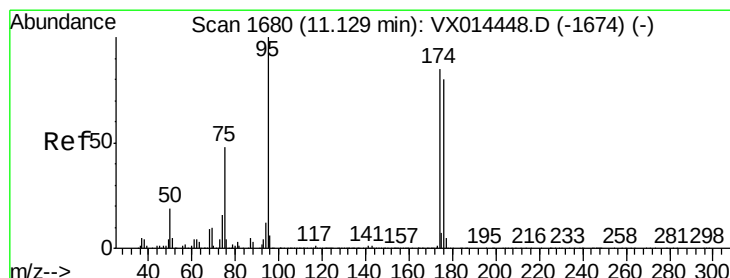
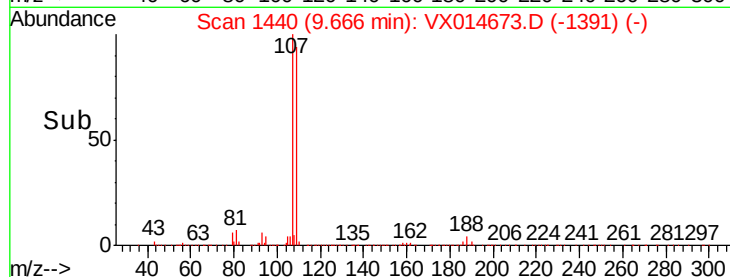
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.619 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

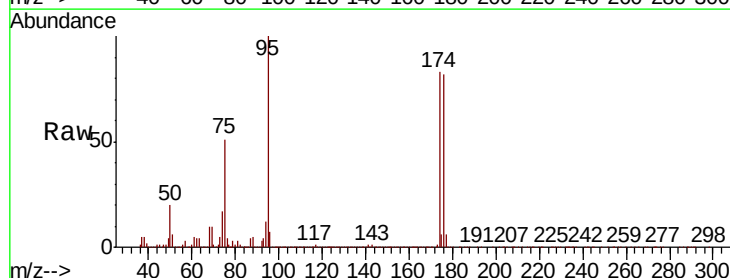
Tgt Ion: 95 Resp: 289196

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.8

176 85.2 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

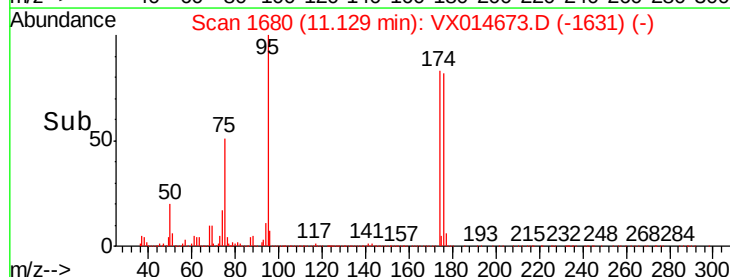
150000

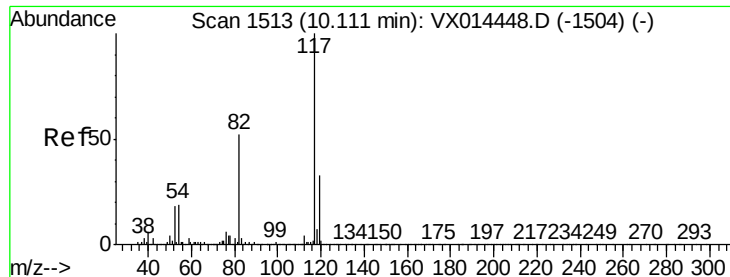
100000

50000

0

Time-->

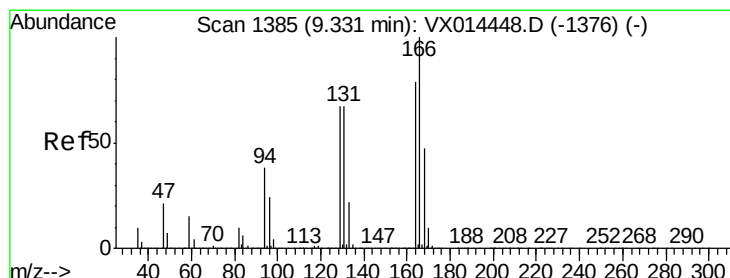
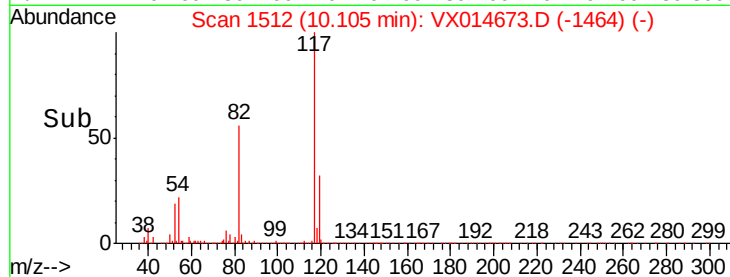
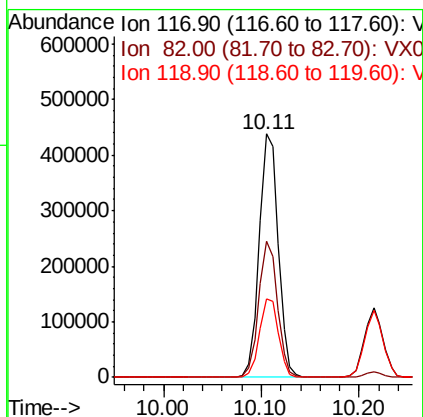
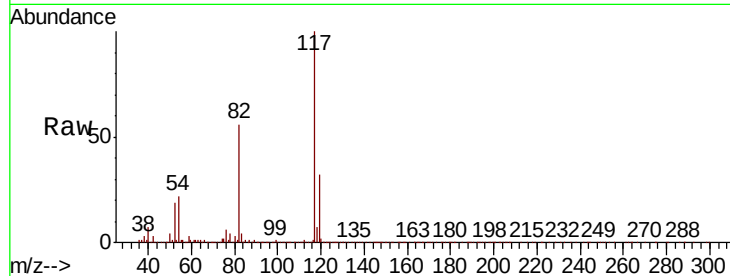




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

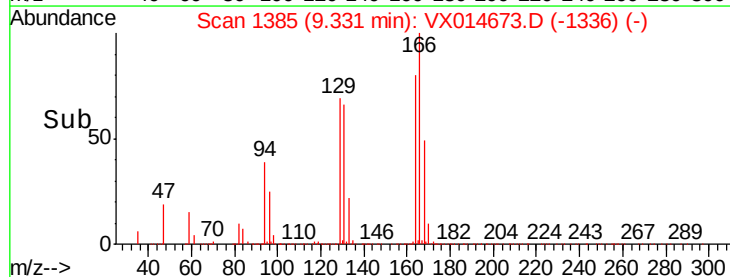
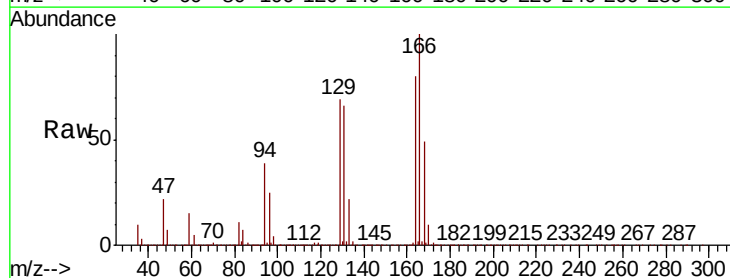
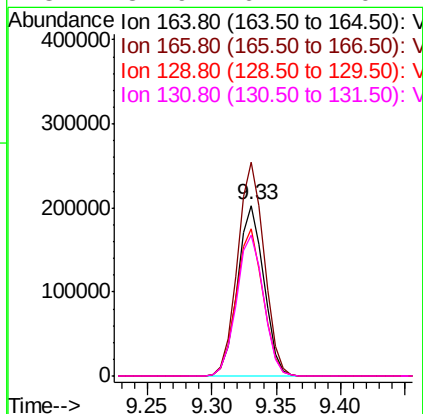
Instrument :
MSVOA_X
ClientSampleId :

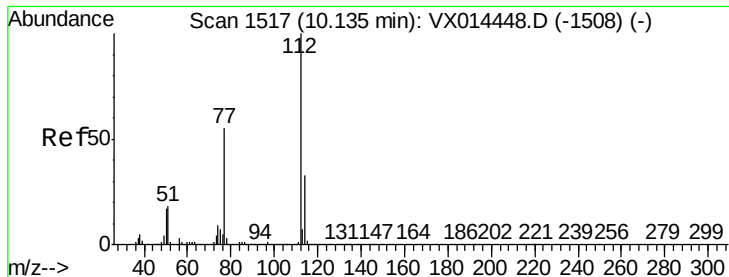
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.6
119	32.4	26.2	39.4



#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.2	151.8
129	86.4	68.3	102.5
131	82.9	67.4	101.2





#65

Chlorobenzene

Concen: 49.335 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

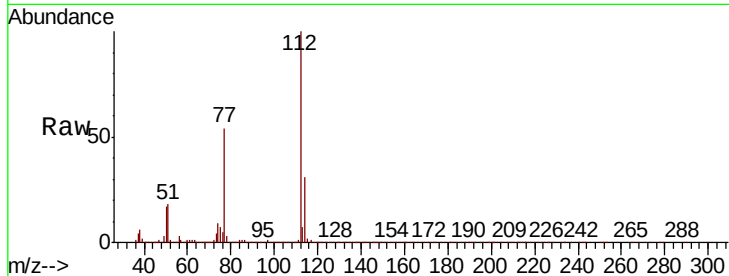
ClientSampleId :

Tot Ion:112 Resp: 636758

Ion Ratio Lower Upper

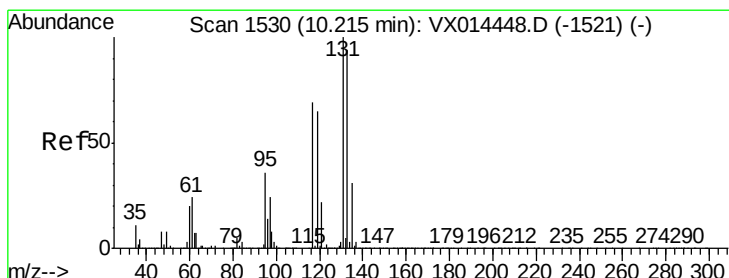
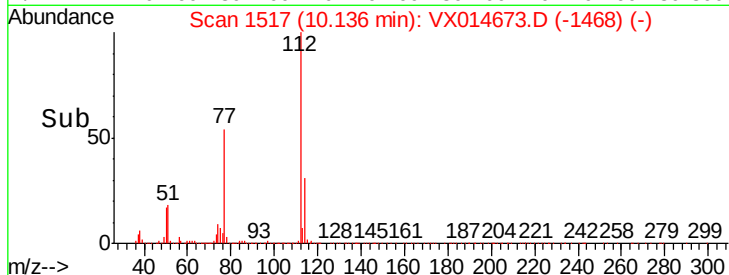
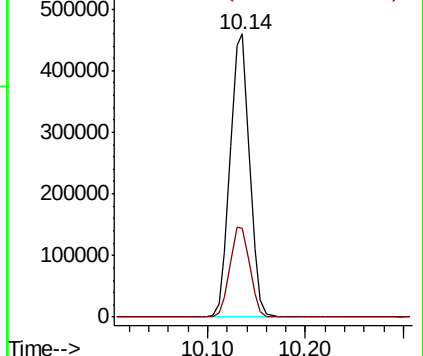
112 100

114 31.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.853 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

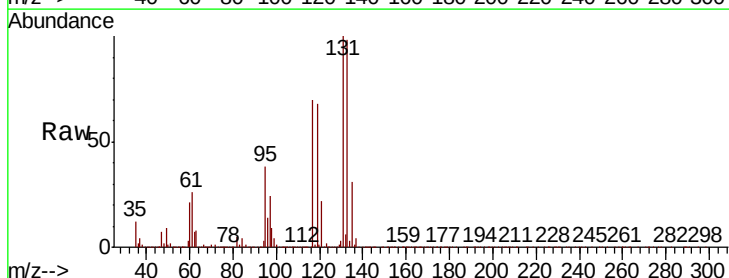
Tgt Ion:131 Resp: 238838

Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

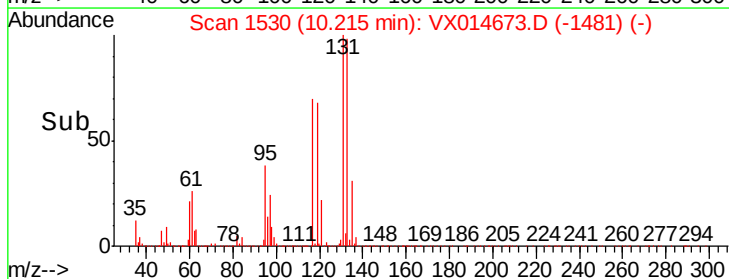
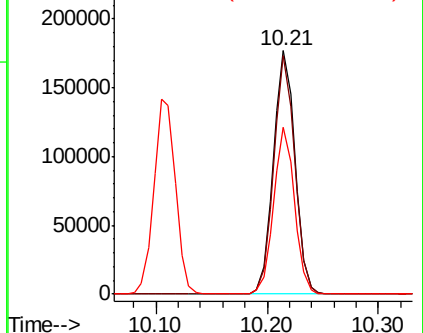
119 66.0 32.8 98.4

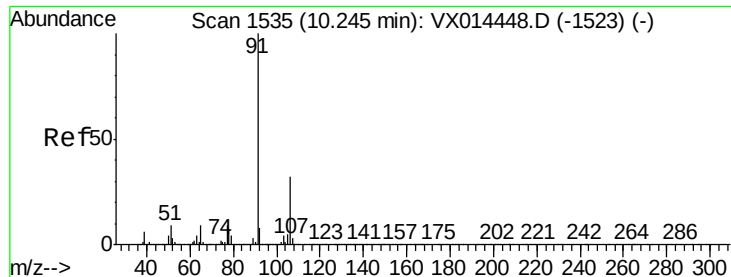


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.357 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

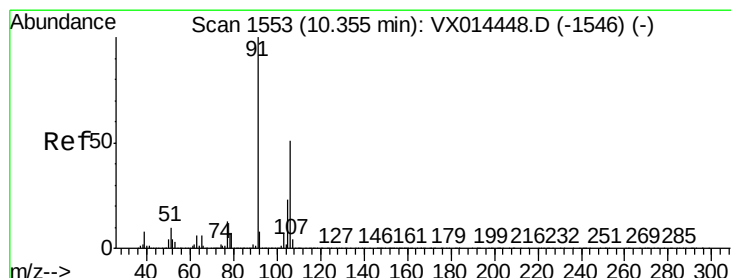
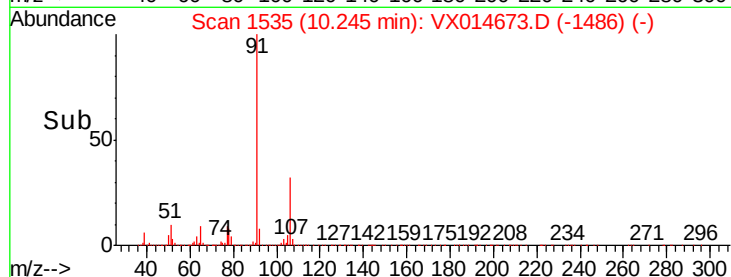
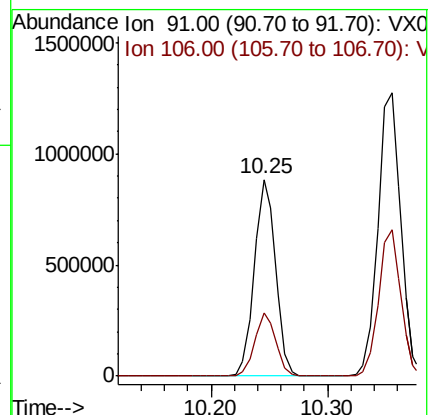
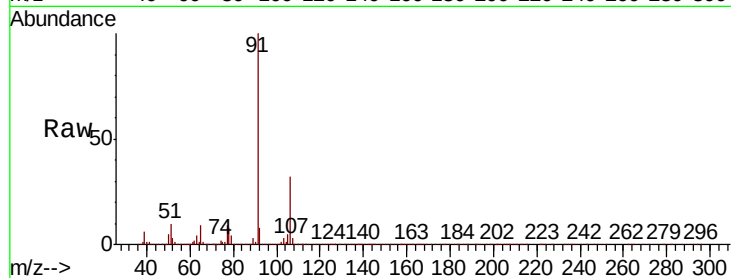
ClientSampled :

Tot Ion: 91 Resp: 1129810

Ion Ratio Lower Upper

91 100

106 32.3 25.6 38.4



#68

m/p-Xylenes

Concen: 103.093 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014673.D

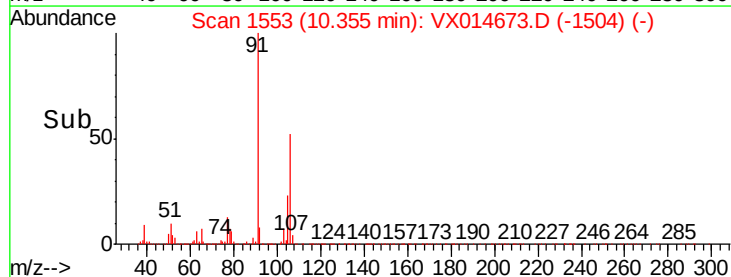
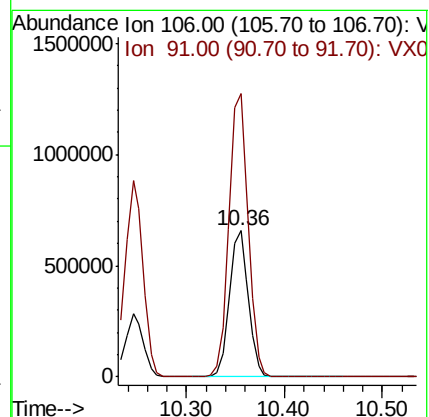
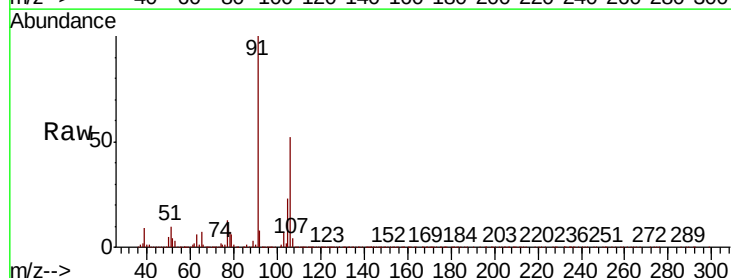
Acq: 21 Jan 2020 09:35

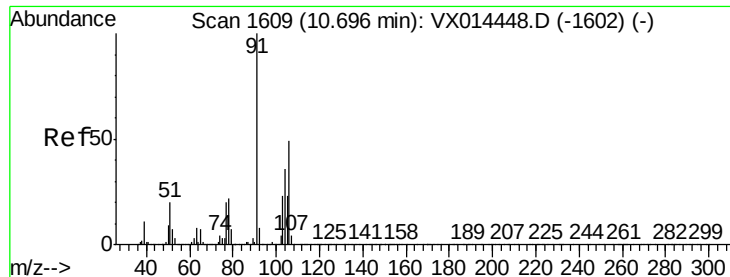
Tgt Ion: 106 Resp: 874964

Ion Ratio Lower Upper

106 100

91 198.6 157.4 236.0

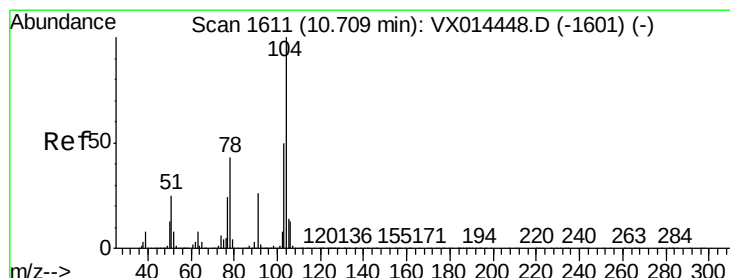
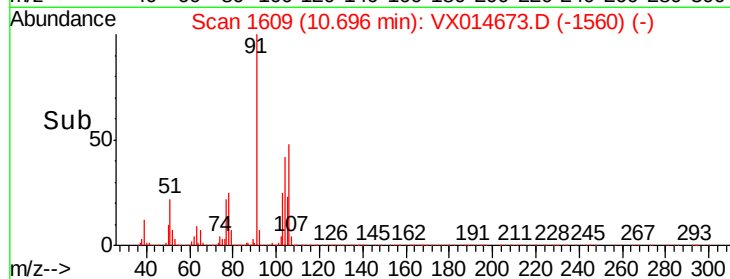
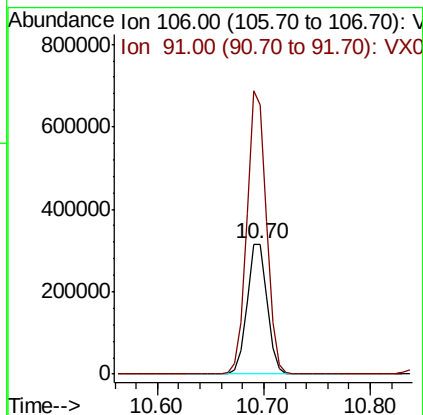
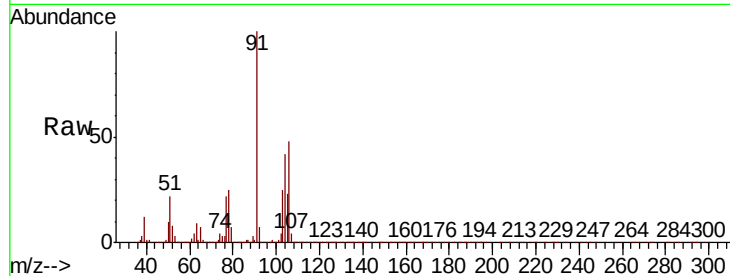




#69
o-Xylene
Concen: 51.696 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

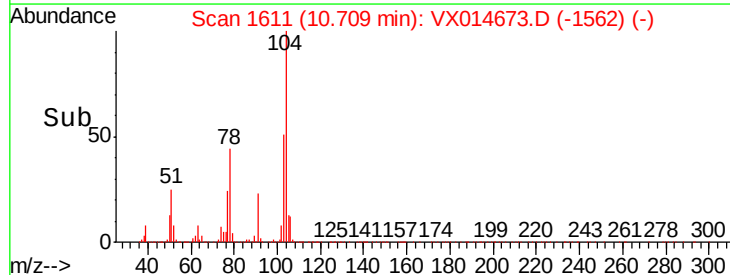
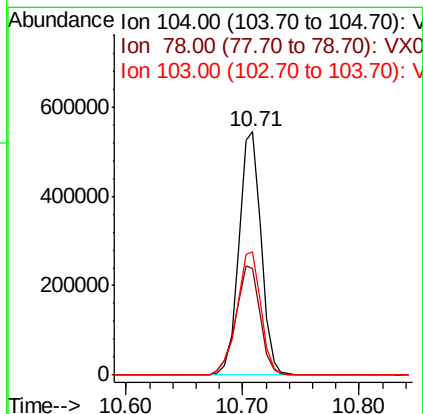
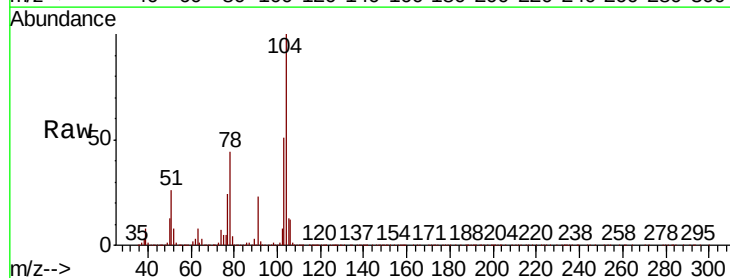
Instrument :
MSVOA_X
ClientSampleId :

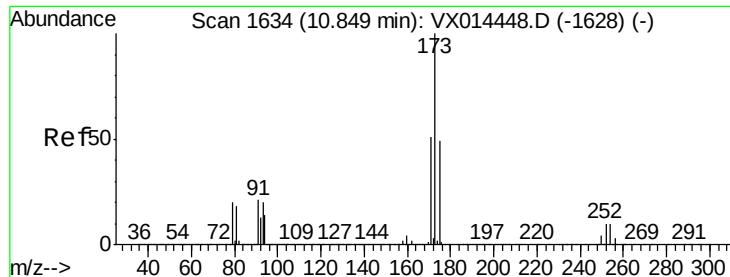
Tot Ion:106 Resp: 418625
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1



#70
Styrene
Concen: 51.636 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion:104 Resp: 721599
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 54.8 43.7 65.5





#71

Bromoform

Concen: 51.909 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

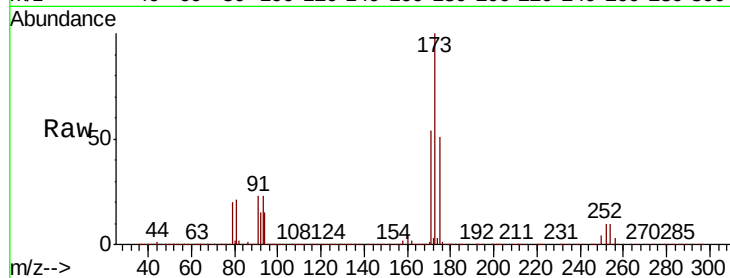
Tot Ion:173 Resp: 195622

Ion Ratio Lower Upper

173 100

175 50.1 24.3 72.8

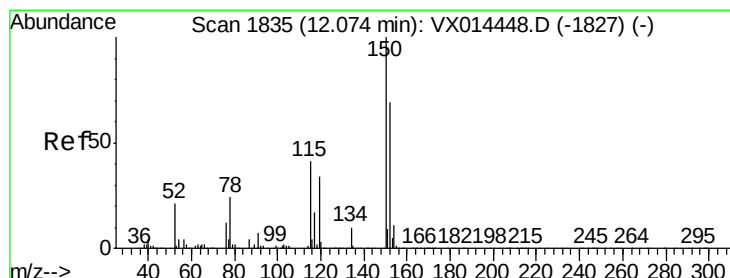
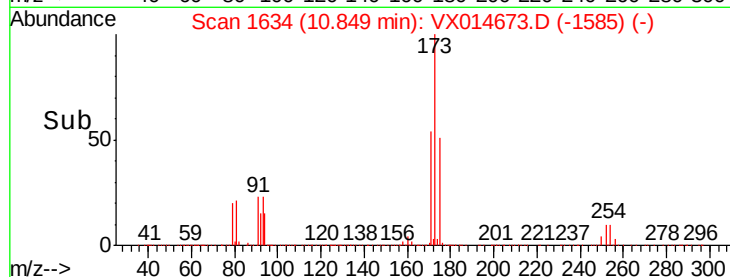
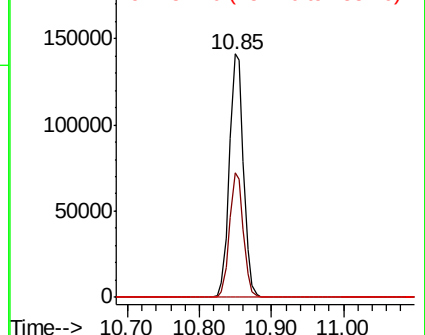
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

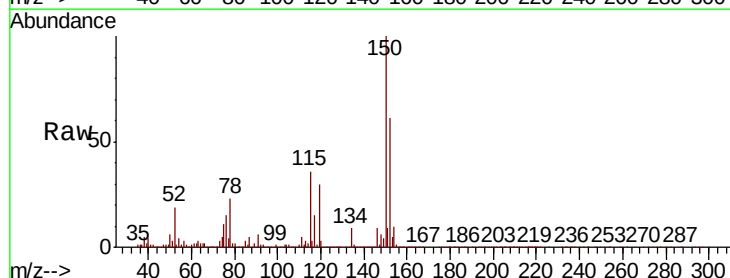
Tgt Ion:152 Resp: 305201

Ion Ratio Lower Upper

152 100

115 80.0 39.5 118.3

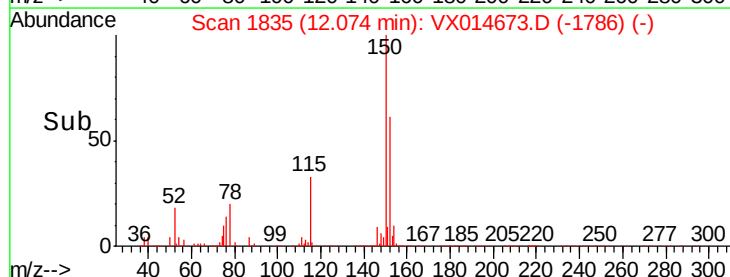
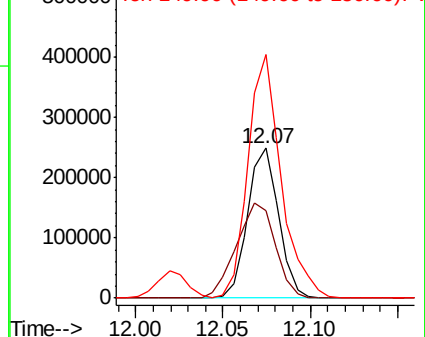
150 174.7 0.0 350.2

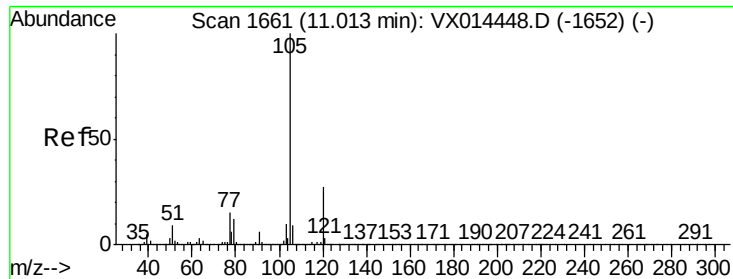


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.222 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

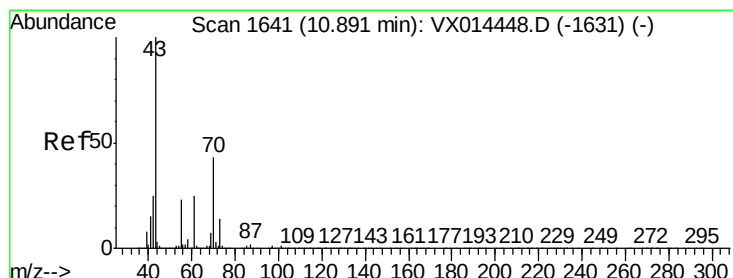
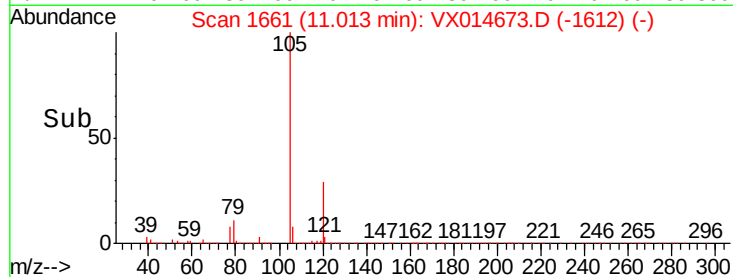
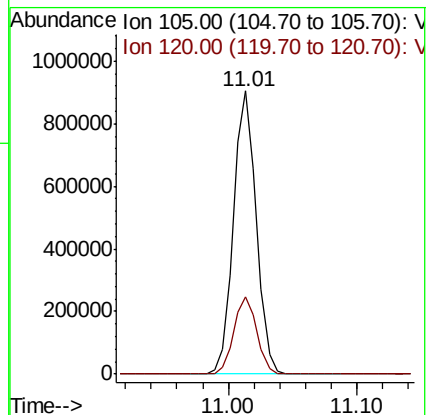
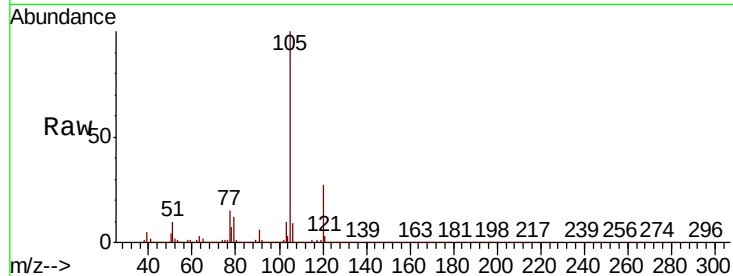
ClientSampled :

Tot Ion:105 Resp: 1119198

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 51.060 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion: 43 Resp: 482792

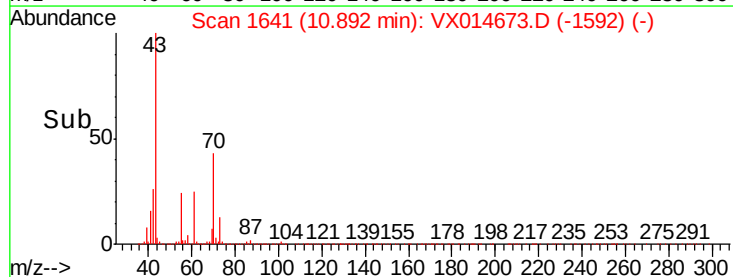
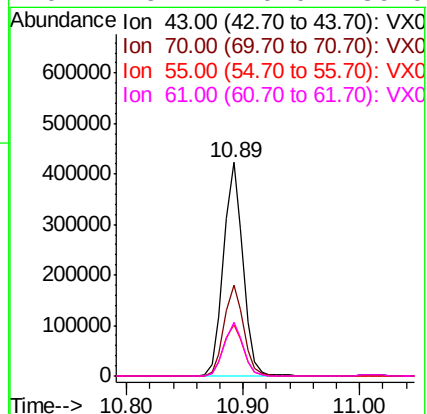
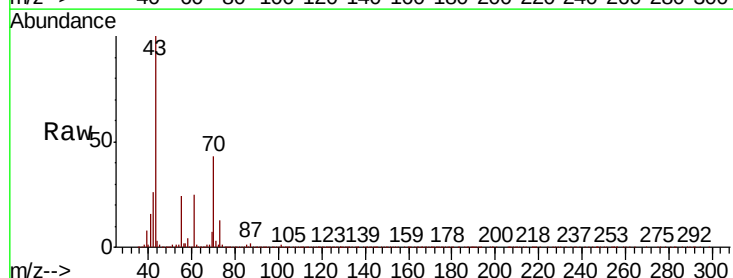
Ion Ratio Lower Upper

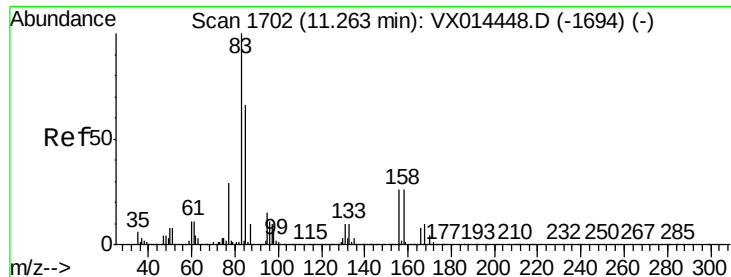
43 100

70 43.1 35.1 52.7

55 24.6 19.3 28.9

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.448 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

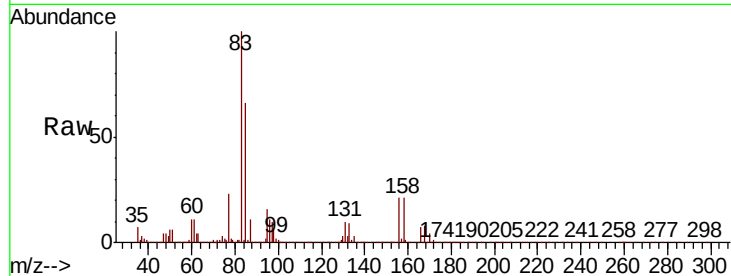
Tot Ion: 83 Resp: 353603

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

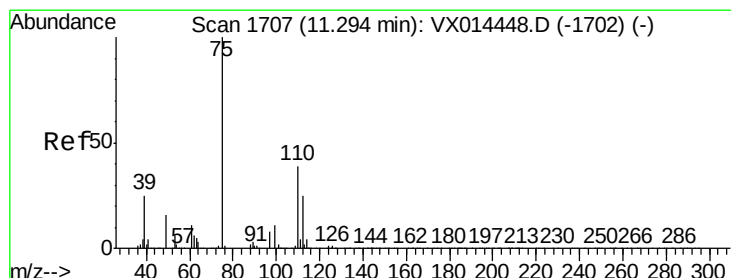
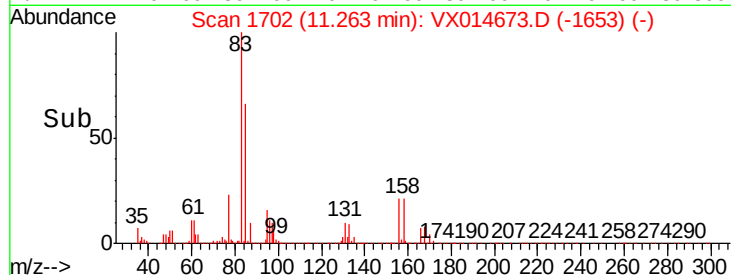
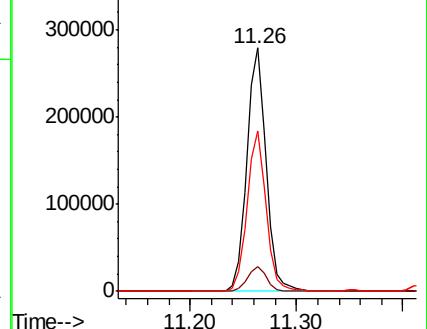
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.510 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014673.D

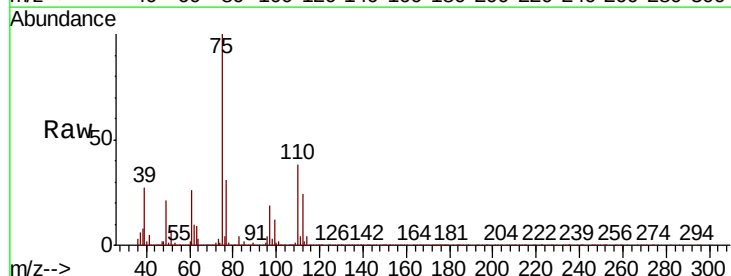
Acq: 21 Jan 2020 09:35

Tgt Ion: 75 Resp: 426303

Ion Ratio Lower Upper

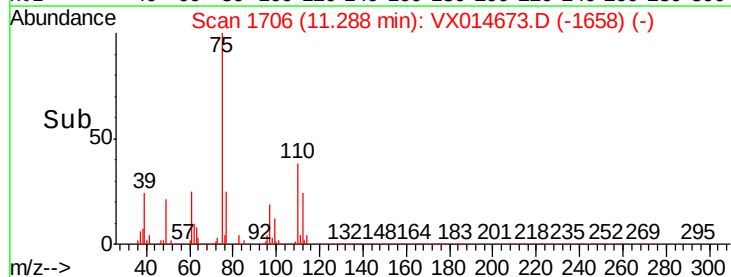
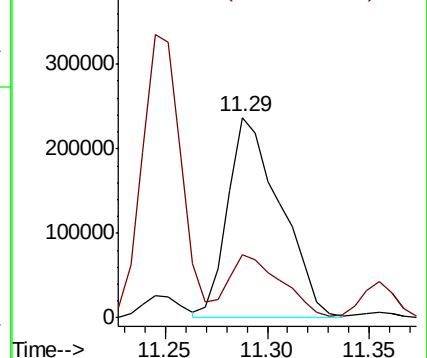
75 100

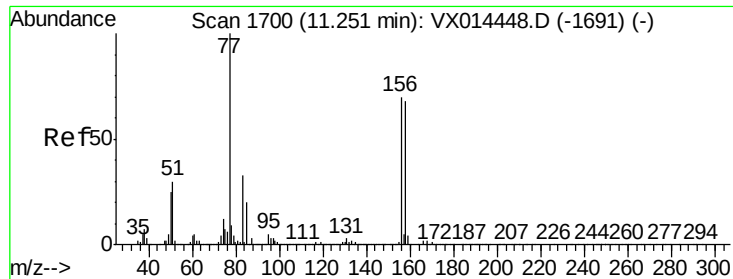
77 31.9 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.788 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

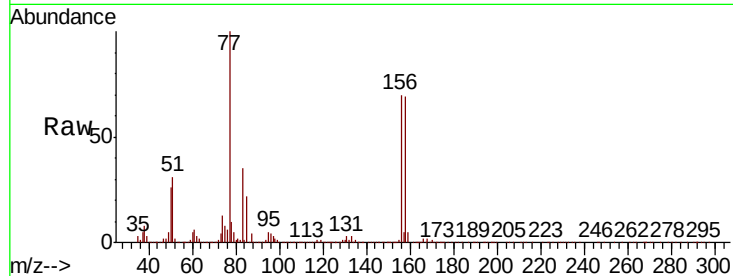
Tot Ion:156 Resp: 289970

Ion Ratio Lower Upper

156 100

77 151.9 75.4 226.3

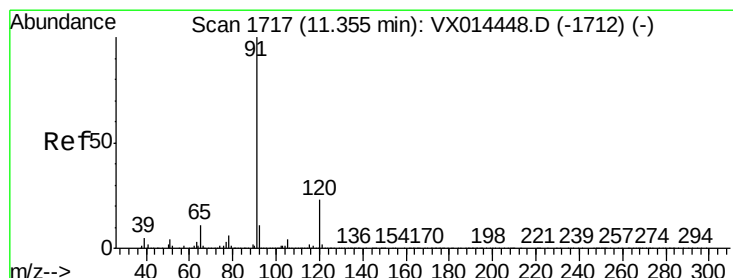
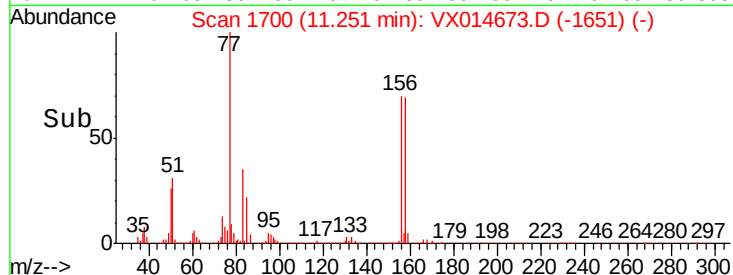
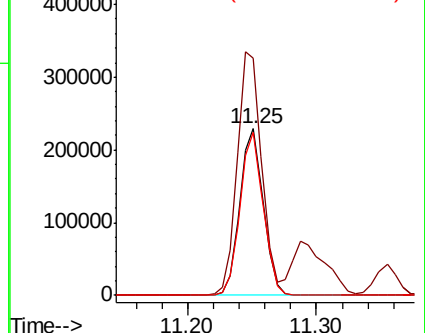
158 96.9 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.131 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014673.D

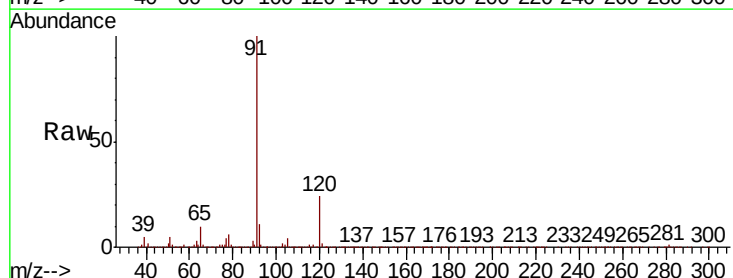
Acq: 21 Jan 2020 09:35

Tgt Ion: 91 Resp: 1304087

Ion Ratio Lower Upper

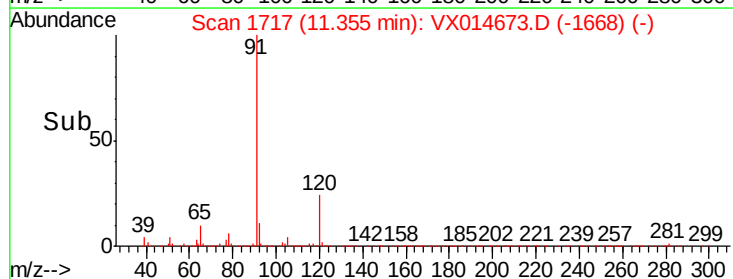
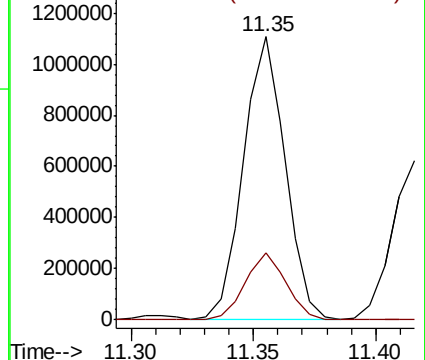
91 100

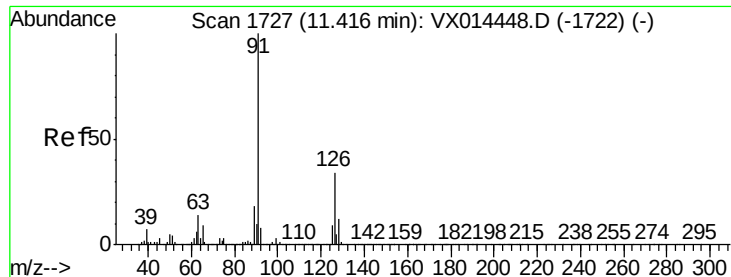
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.584 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

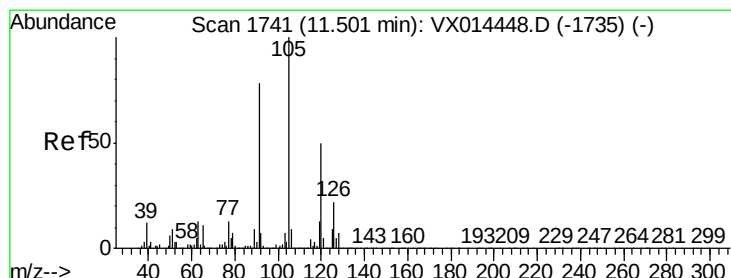
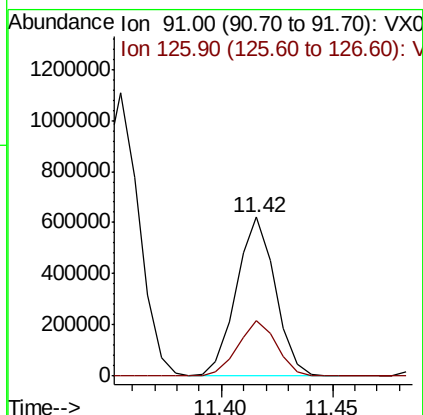
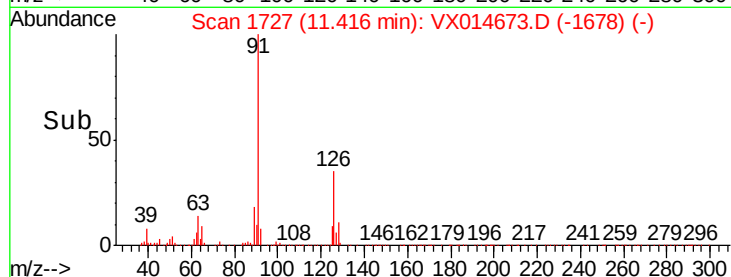
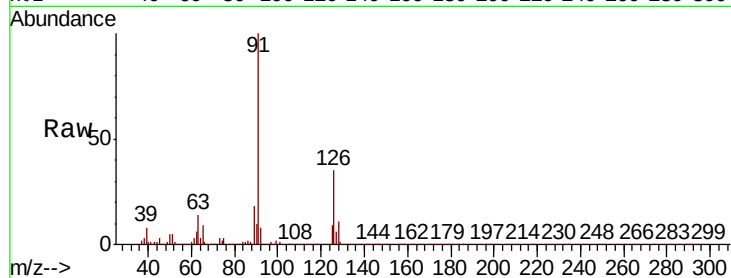
ClientSampleId :

Tot Ion: 91 Resp: 754584

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 53.473 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014673.D

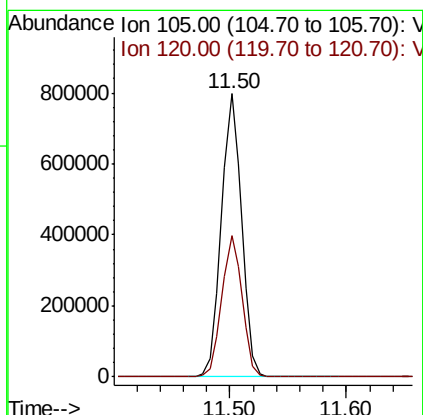
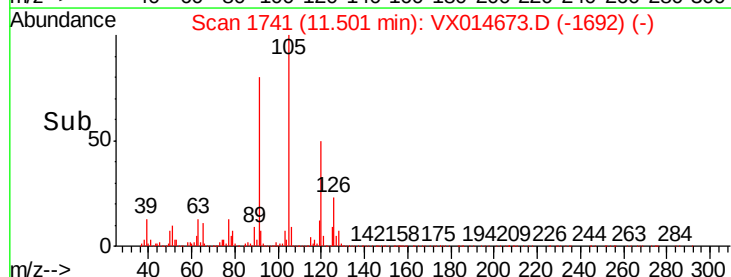
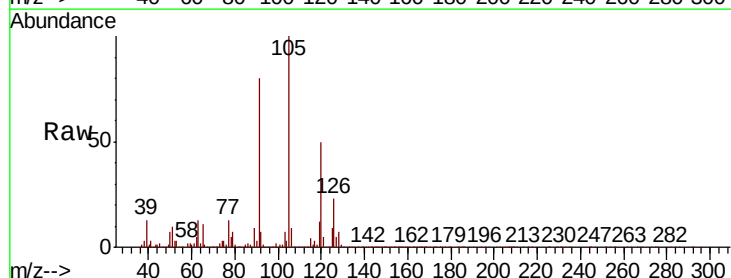
Acq: 21 Jan 2020 09:35

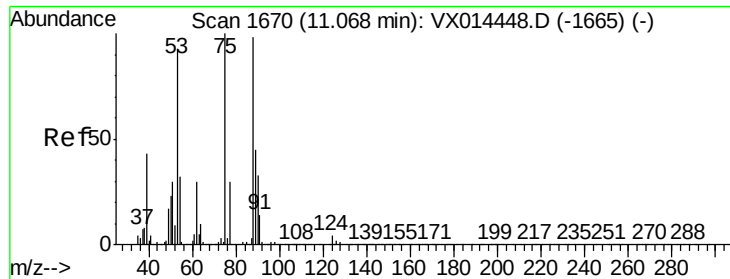
Tgt Ion: 105 Resp: 951458

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6

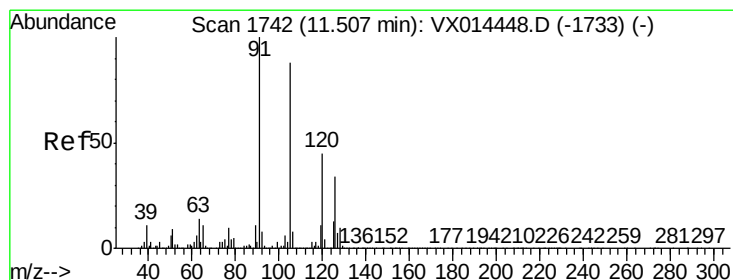
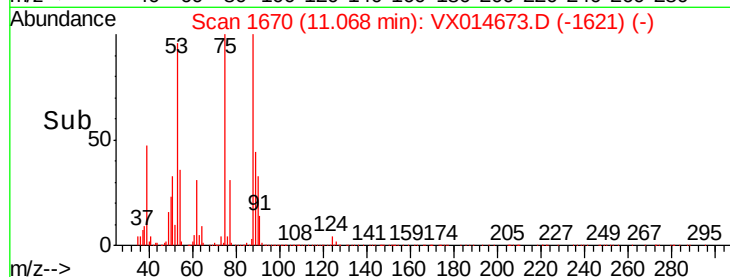
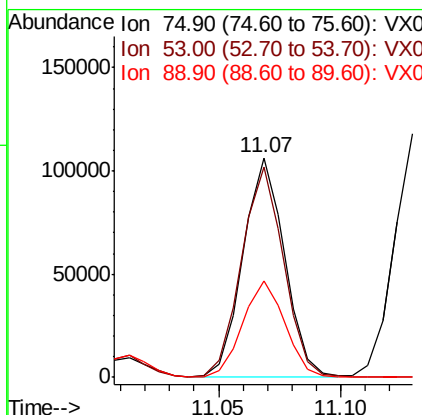
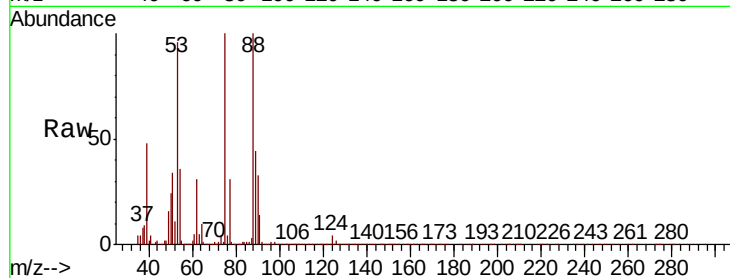




#81
trans-1,4-Dichloro-2-butene
Concen: 52.284 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

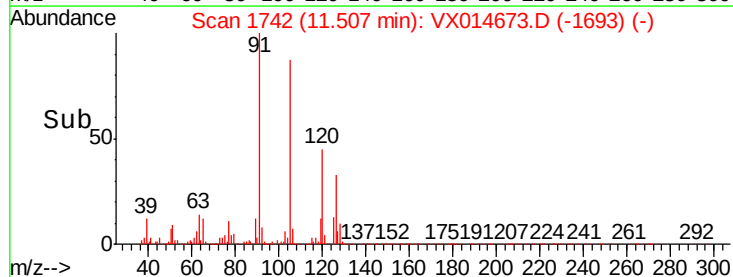
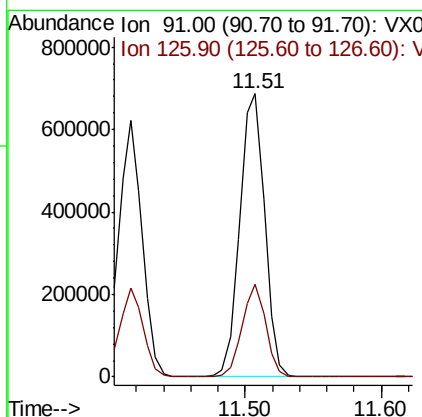
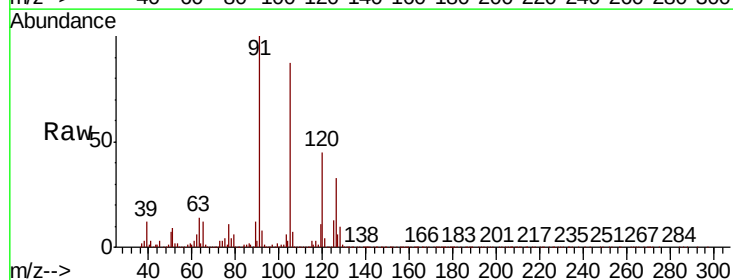
Instrument :
MSVOA_X
ClientSampleId :

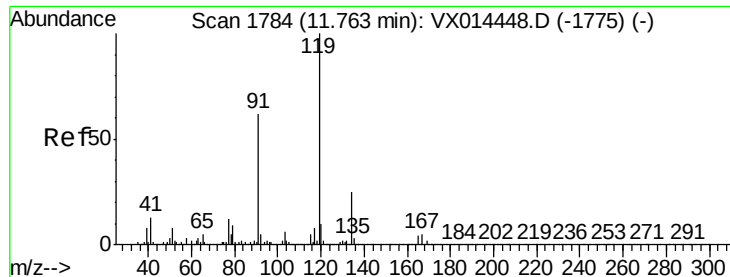
Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	74.8	112.2
89	45.2	36.3	54.5



#82
4-Chlorotoluene
Concen: 51.043 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7

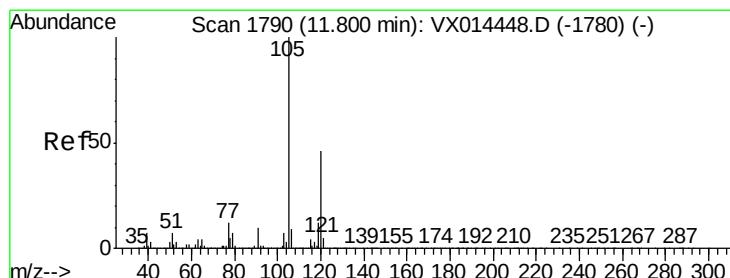
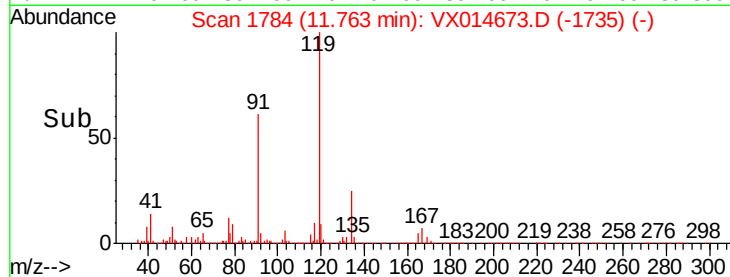
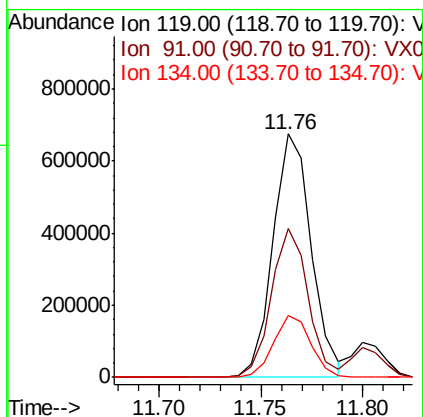
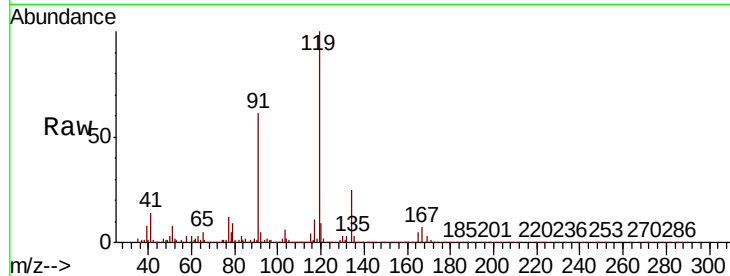




#83
 tert-Butylbenzene
 Concen: 52.509 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

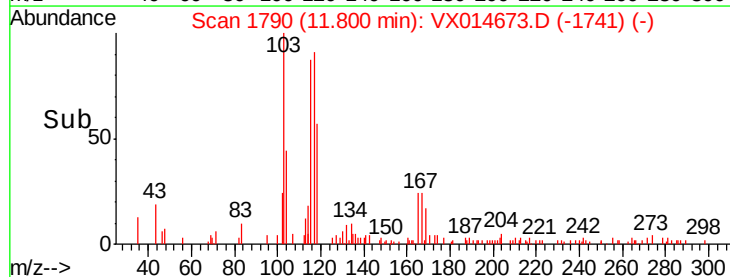
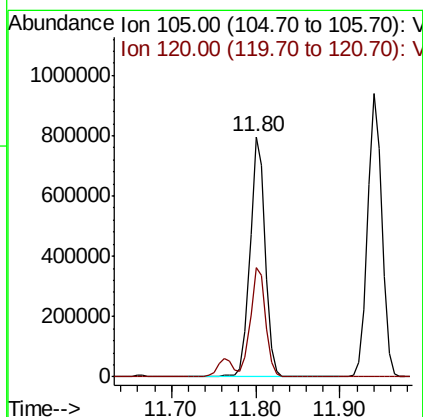
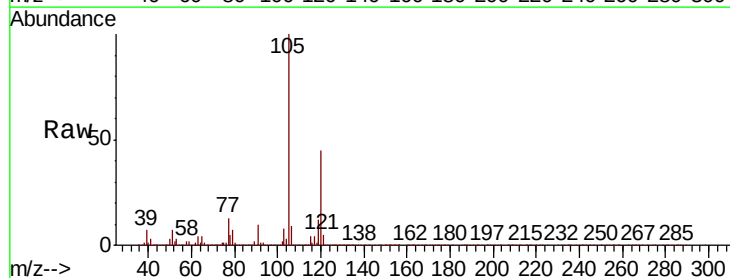
Instrument :
 MSVOA_X
 ClientSampleId :

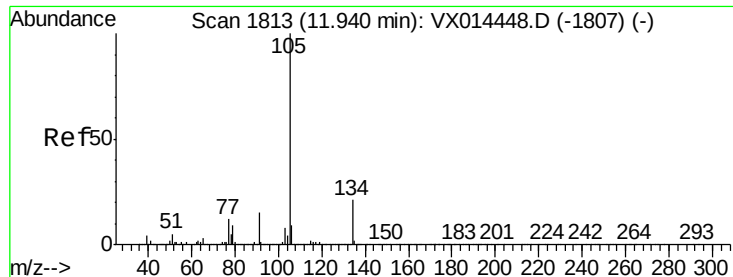
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.3	88.0
134	24.7	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.133 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 53.104 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

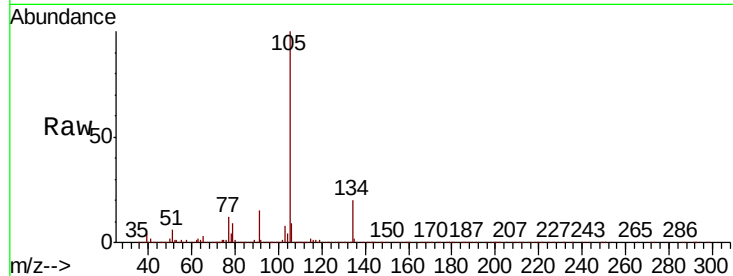
ClientSampleId :

Tot Ion:105 Resp: 1109885

Ion Ratio Lower Upper

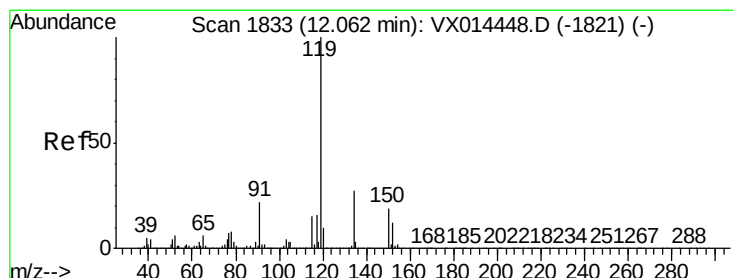
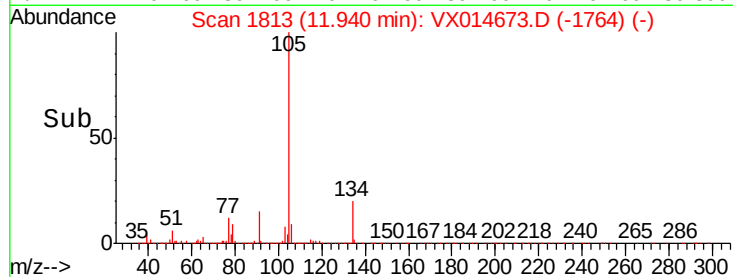
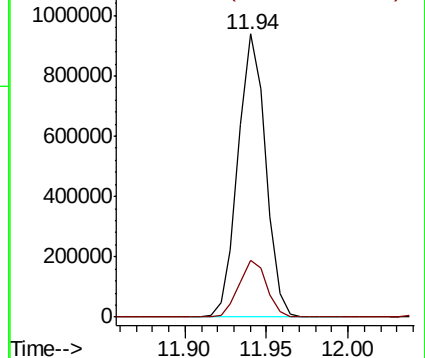
105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.576 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

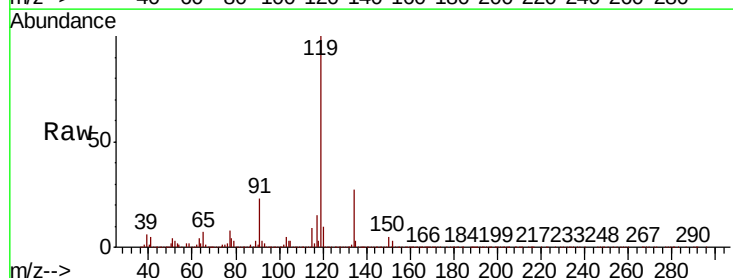
Tgt Ion:119 Resp: 1019691

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

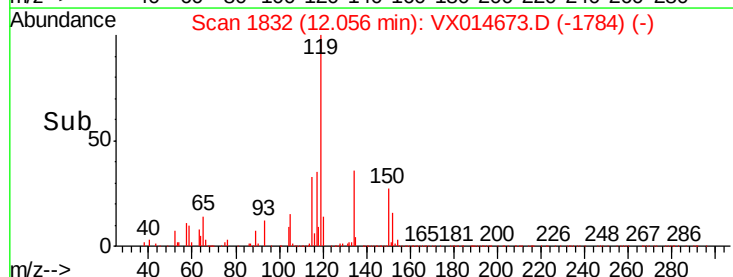
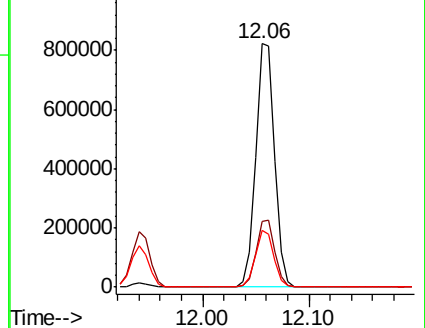
91 22.7 11.1 33.3

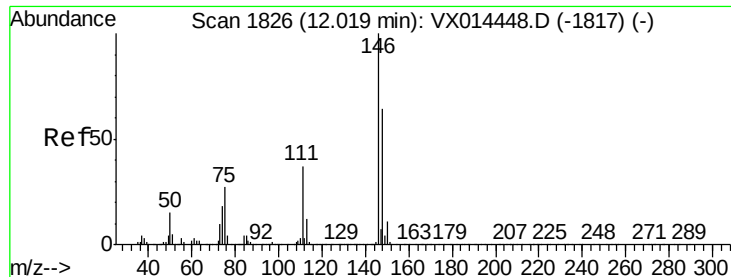


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.304 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

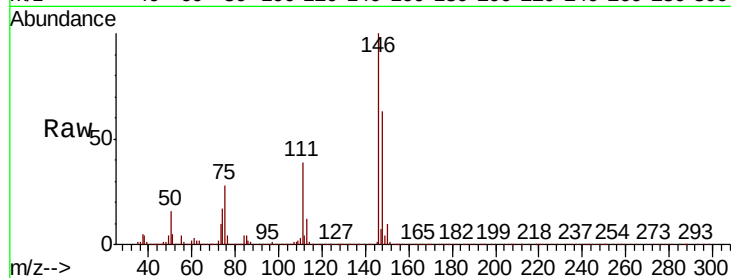
Tot Ion:146 Resp: 525906

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

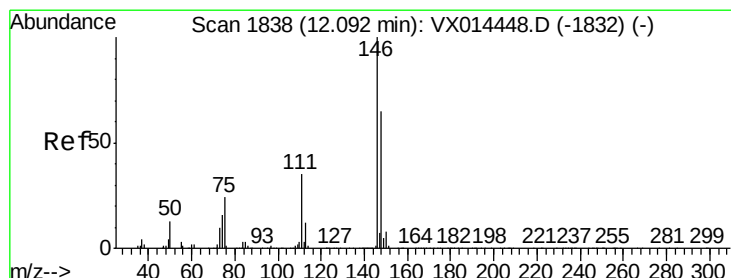
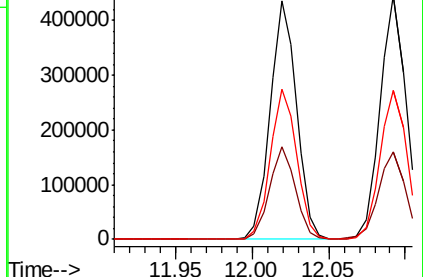
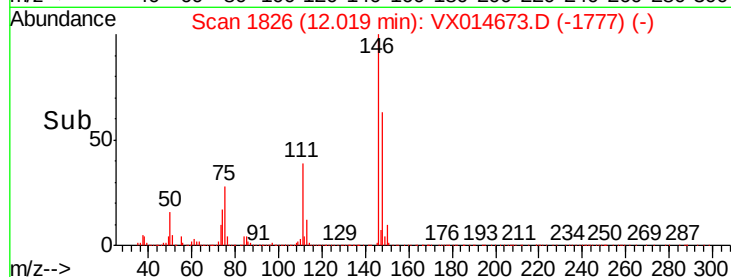
148 63.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.467 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

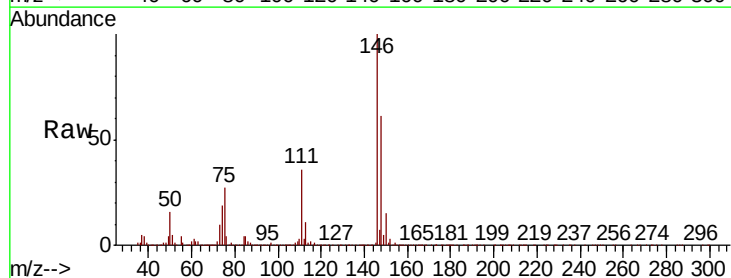
Tgt Ion:146 Resp: 525479

Ion Ratio Lower Upper

146 100

111 37.2 18.1 54.1

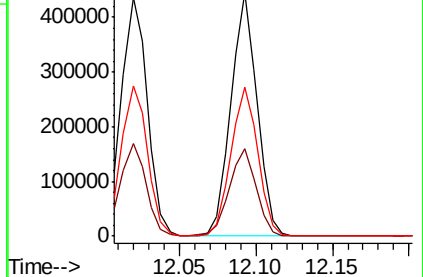
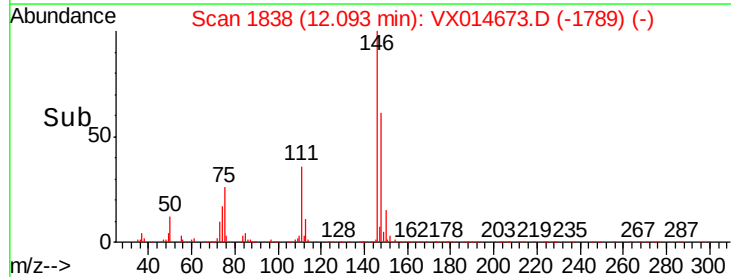
148 63.3 32.1 96.3

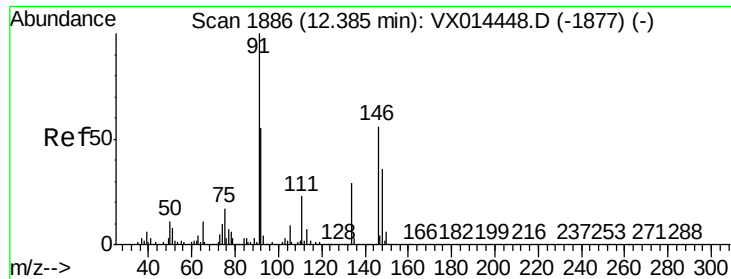


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

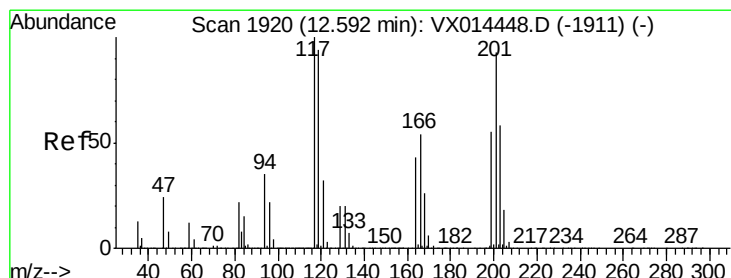
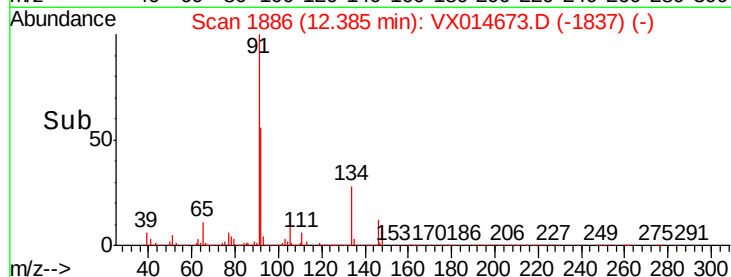
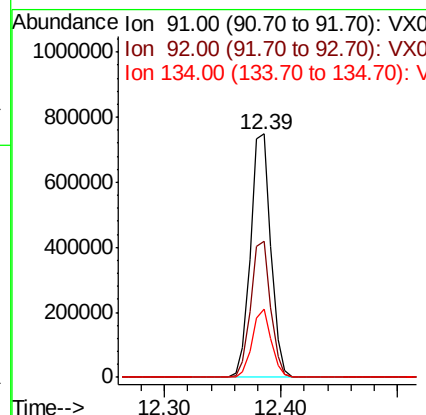
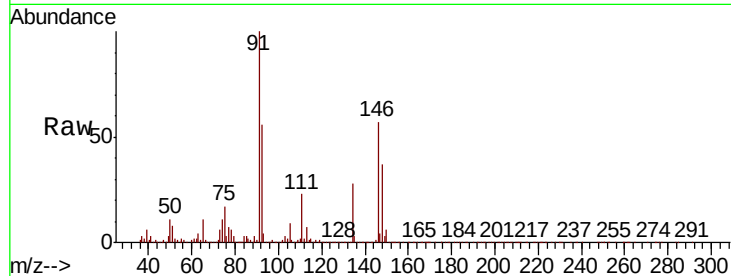




#89
n-Butylbenzene
Concen: 51.513 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

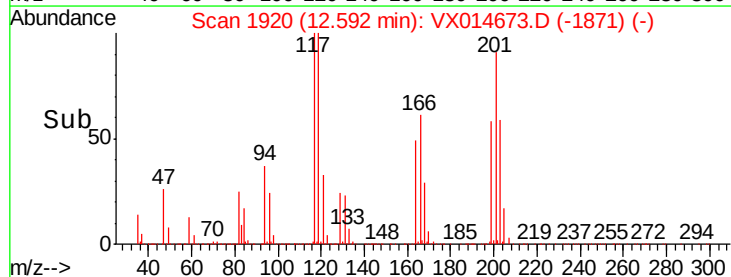
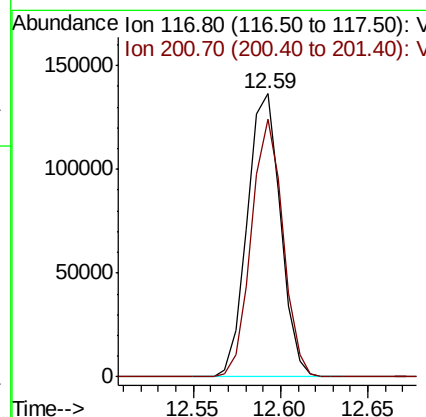
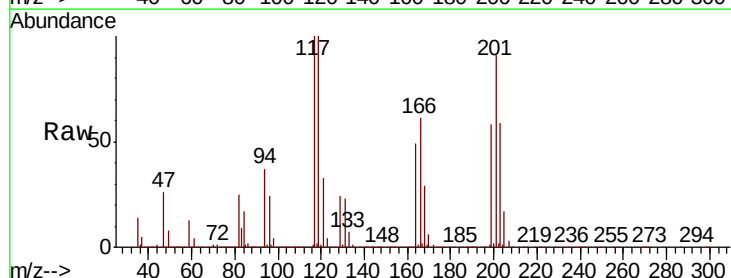
Instrument :
MSVOA_X
ClientSampleId :

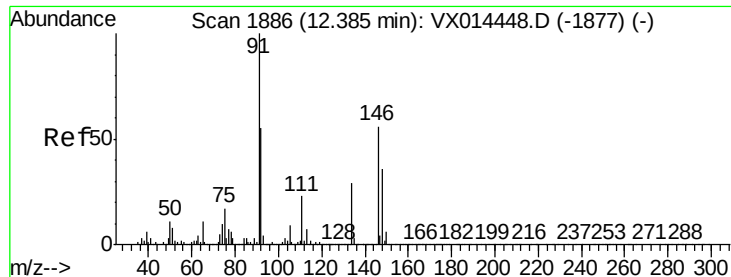
Tot Ion: 91 Resp: 913466
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.2
134 26.4 13.9 41.7



#90
Hexachloroethane
Concen: 52.953 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 117 Resp: 180396
Ion Ratio Lower Upper
117 100
201 86.7 44.8 134.3

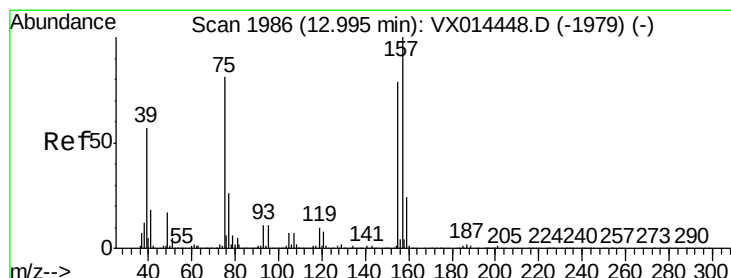
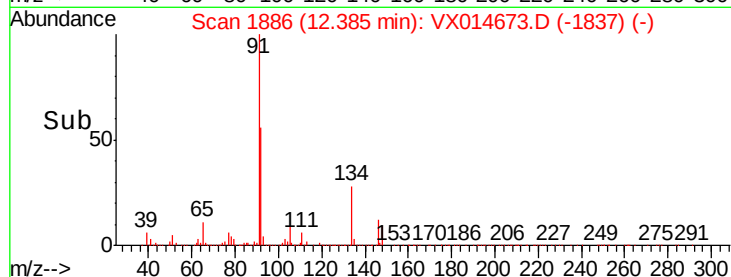
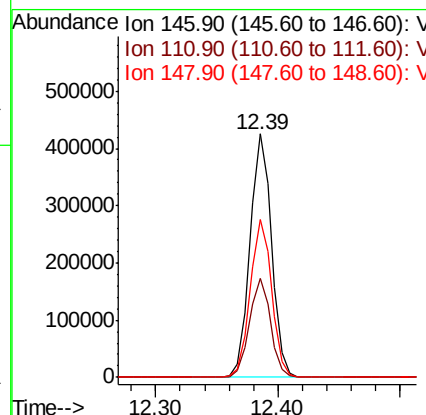
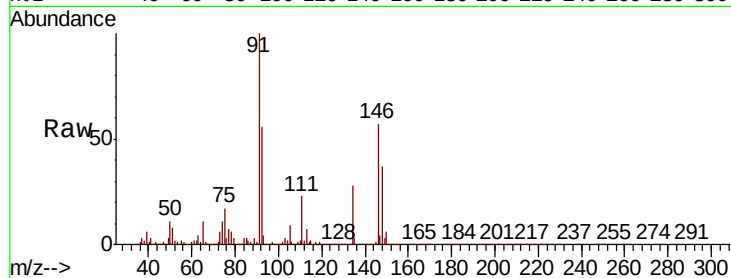




#91
 1,2-Dichlorobenzene
 Concen: 49.768 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

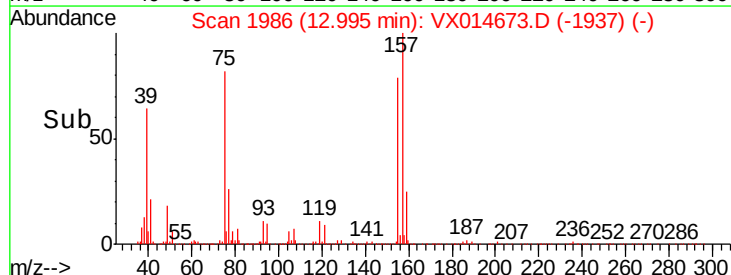
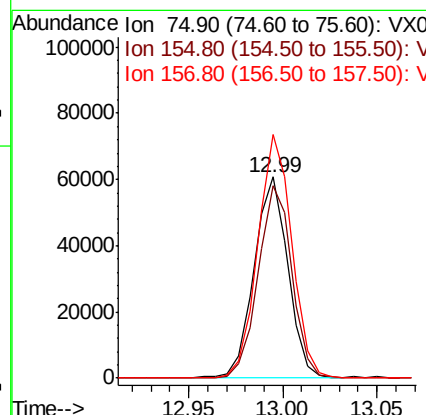
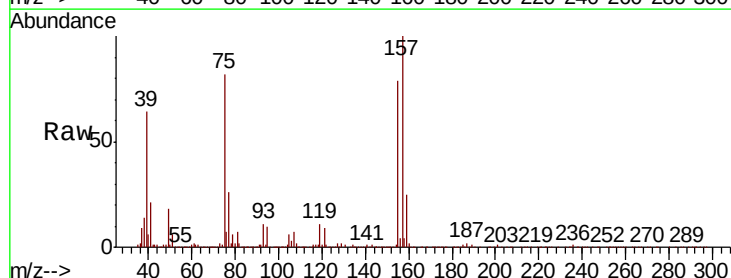
Instrument :
 MSVOA_X
 ClientSampleId :

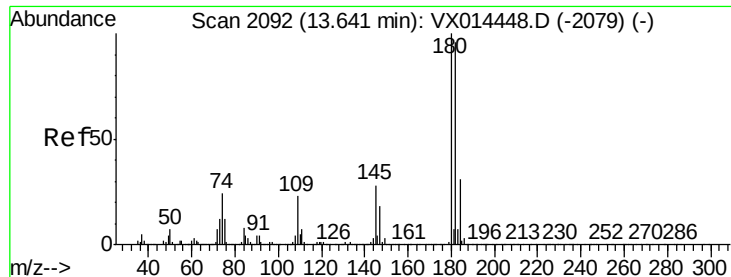
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.549 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	48.7	146.1
157	123.1	62.0	185.9

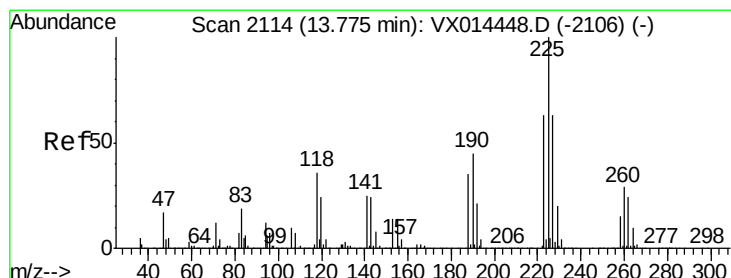
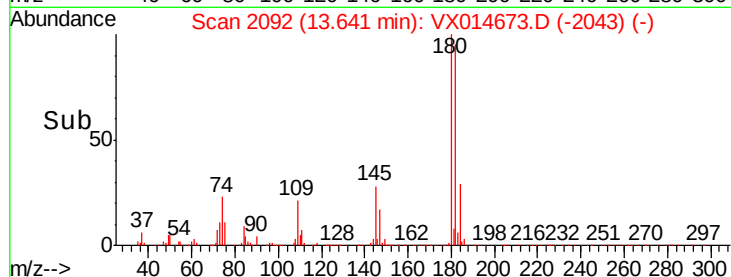
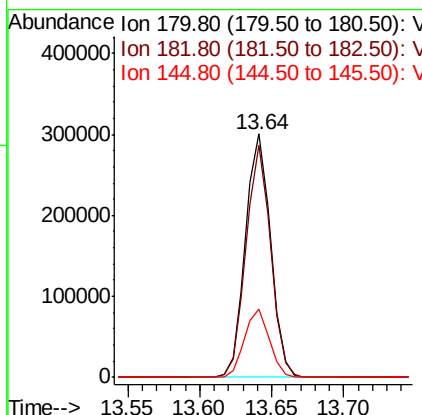
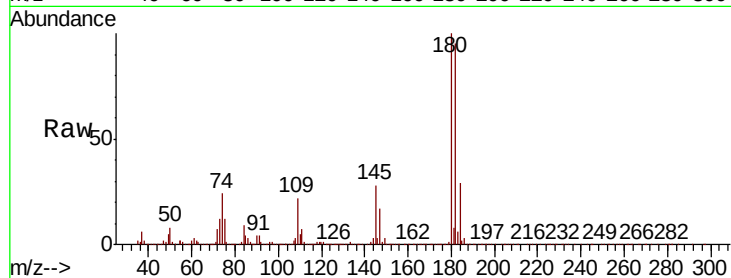




#93
 1,2,4-Trichlorobenzene
 Concen: 49.313 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

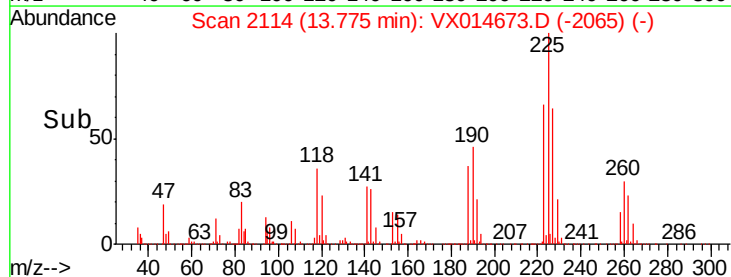
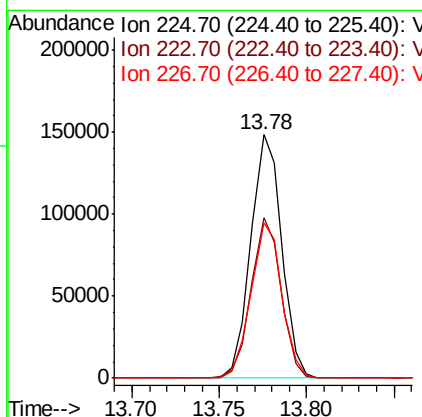
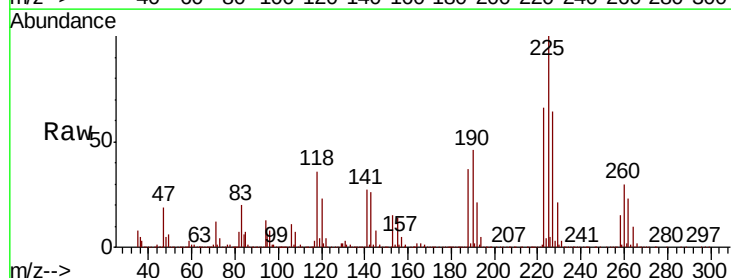
Instrument :
 MSVOA_X
 ClientSampleId :

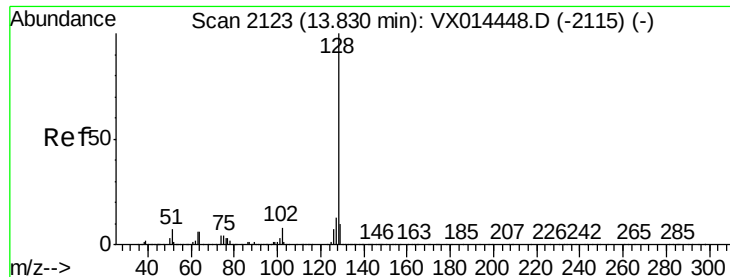
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.5
145	27.7	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 53.106 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.2
227	63.5	31.4	94.2

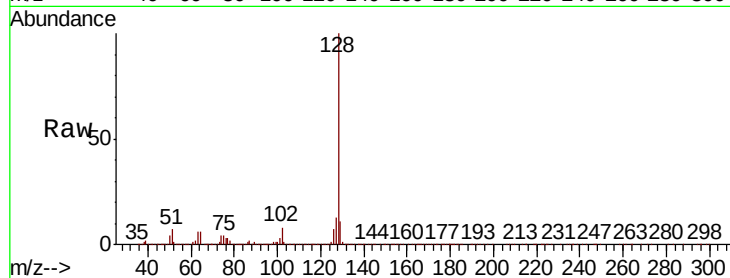




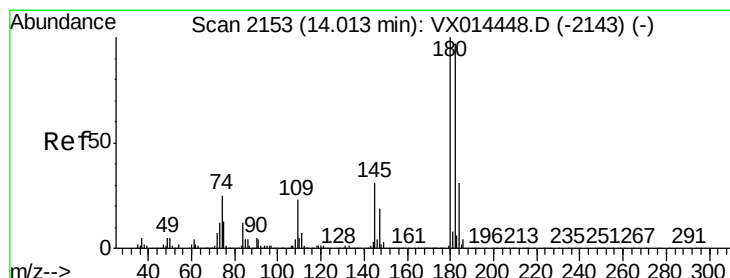
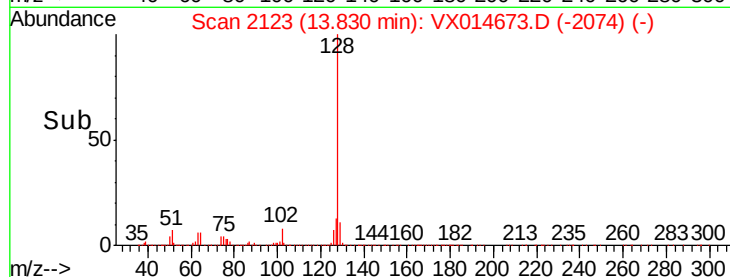
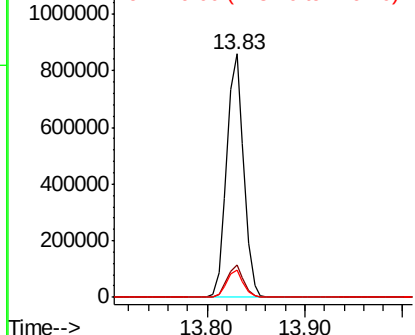
#95
Naphthalene
Concen: 45.623 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1038629
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.7 13.1

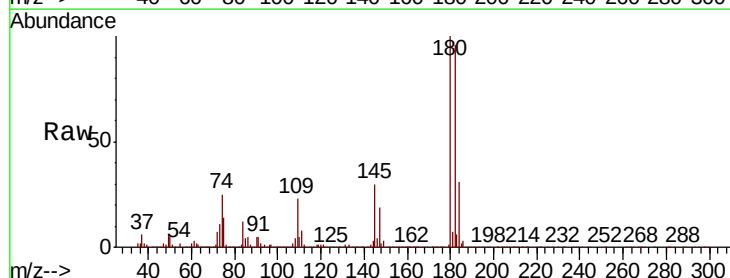


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.705 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion:180 Resp: 364960
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 29.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

