

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014662.D
 Acq On : 17 Jan 2020 18:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 05:10:18 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	418296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	644148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	588823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	245864	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	5.48	113	204180	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
50) Toluene-d8	8.71	98	781339	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	279507	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	249272	48.009	ug/l	100
3) Chloromethane	1.32	50	267689	50.204	ug/l	100
4) Vinyl Chloride	1.40	62	306726	51.624	ug/l	99
5) Bromomethane	1.63	94	191983	48.746	ug/l	98
6) Chloroethane	1.72	64	167967	51.929	ug/l	96
7) Trichlorofluoromethane	1.92	101	336604	49.942	ug/l	99
8) Diethyl Ether	2.18	74	151178	49.166	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201953	49.251	ug/l	99
10) Methyl Iodide	2.50	142	273810	55.766	ug/l	99
11) Tert butyl alcohol	3.03	59	269165	276.065	ug/l	100
12) 1,1-Dichloroethene	2.36	96	199644	48.325	ug/l	98
13) Acrolein	2.28	56	209752	268.399	ug/l	98
14) Allyl chloride	2.72	41	350709	48.352	ug/l	99
15) Acrylonitrile	3.13	53	649611	276.054	ug/l	99
16) Acetone	2.43	43	598855	255.872	ug/l	99
17) Carbon Disulfide	2.56	76	510625	44.297	ug/l	99
18) Methyl Acetate	2.76	43	392665	58.506	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	690648	52.077	ug/l	99
20) Methylene Chloride	2.85	84	246200	52.410	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	215017	47.673	ug/l	98
22) Diisopropyl ether	3.84	45	764359	54.530	ug/l	99
23) Vinyl Acetate	3.80	43	3006402	277.029	ug/l	99
24) 1,1-Dichloroethane	3.69	63	403488	52.915	ug/l	99
25) 2-Butanone	4.65	43	923736	264.826	ug/l	100
26) 2,2-Dichloropropane	4.57	77	316168	48.947	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	254106	50.398	ug/l	99
28) Bromochloromethane	5.00	49	162534	50.585	ug/l	96
29) Tetrahydrofuran	5.11	42	586431	284.359	ug/l	99
30) Chloroform	5.20	83	397324	53.324	ug/l	99
31) Cyclohexane	5.57	56	365825	51.255	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	331718	52.009	ug/l	99
36) 1,1-Dichloropropene	5.79	75	294008	48.535	ug/l	100
37) Ethyl Acetate	4.82	43	347436	52.803	ug/l	100
38) Carbon Tetrachloride	5.78	117	281654	50.526	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	367573	48.298	ug/l	98
40) Benzene	6.14	78	920216	51.183	ug/l	100
41) Methacrylonitrile	5.03	41	192910	54.978	ug/l	99
42) 1,2-Dichloroethane	6.18	62	317994	50.586	ug/l	99
43) Isopropyl Acetate	6.43	43	565453	53.198	ug/l	99
44) Trichloroethene	7.20	130	252576	48.885	ug/l	97
45) 1,2-Dichloropropane	7.51	63	240219	52.407	ug/l	100
46) Dibromomethane	7.65	93	156733	48.990	ug/l	98
47) Bromodichloromethane	7.89	83	307965	52.902	ug/l	99
48) Methyl methacrylate	7.76	41	280600	55.119	ug/l	99
49) 1,4-Dioxane	7.73	88	118921	1102.449	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1815730	280.328	ug/l	99
52) Toluene	8.78	92	576196	50.065	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	335259	49.467	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	375068	51.230	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	238939	51.688	ug/l	98
56) Ethyl methacrylate	9.17	69	375106	52.964	ug/l	98
57) 1,3-Dichloropropane	9.37	76	401246	51.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	653156	271.061	ug/l	99
59) 2-Hexanone	9.48	43	1388198	270.867	ug/l	99
60) Dibromochloromethane	9.57	129	248179	53.413	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245764	50.189	ug/l	99
64) Tetrachloroethene	9.33	164	252304	42.754	ug/l	96
65) Chlorobenzene	10.14	112	618865	48.431	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	229010	50.219	ug/l	99
67) Ethyl Benzene	10.25	91	1104437	50.708	ug/l	96
68) m/p-Xylenes	10.35	106	836117	99.506	ug/l	98
69) o-Xylene	10.70	106	403150	50.286	ug/l	100
70) Styrene	10.71	104	696786	50.362	ug/l	99
71) Bromoform	10.85	173	188165	50.432	ug/l	97
73) Isopropylbenzene	11.01	105	1078958	51.279	ug/l	100
74) N-amyl acetate	10.89	43	492806	53.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	361241	53.535	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	420542	67.834	ug/l	82
77) Bromobenzene	11.25	156	278908	47.798	ug/l	100
78) n-propylbenzene	11.35	91	1230043	51.045	ug/l	99
79) 2-Chlorotoluene	11.42	91	724671	50.458	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	901865	51.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118711	50.624	ug/l	95
82) 4-Chlorotoluene	11.51	91	835930	49.587	ug/l	97
83) tert-Butylbenzene	11.76	119	849508	51.467	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	908323	51.458	ug/l	99
85) sec-Butylbenzene	11.94	105	1032706	50.329	ug/l	100
86) p-Isopropyltoluene	12.06	119	963830	50.619	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	498861	47.637	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	490712	49.877	ug/l	99
89) n-Butylbenzene	12.39	91	840379	48.271	ug/l	99
90) Hexachloroethane	12.59	117	170953	51.113	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	498563	48.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78761	51.890	ug/l	97

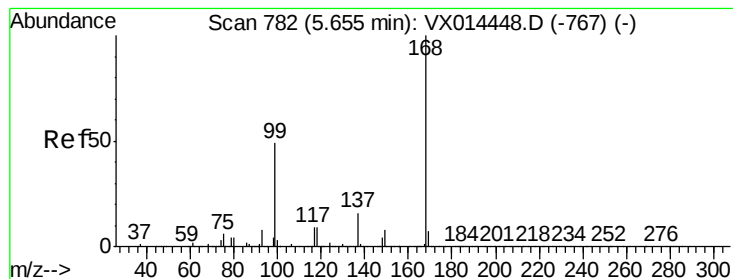
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	339377	47.124	ug/l	99
94) Hexachlorobutadiene	13.78	225	164317	48.723	ug/l	98
95) Naphthalene	13.83	128	1041115	46.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	342865	48.508	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

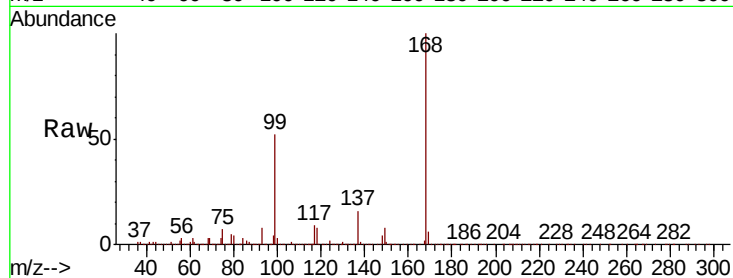
ClientSampleId :

Tot Ion:168 Resp: 418296

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

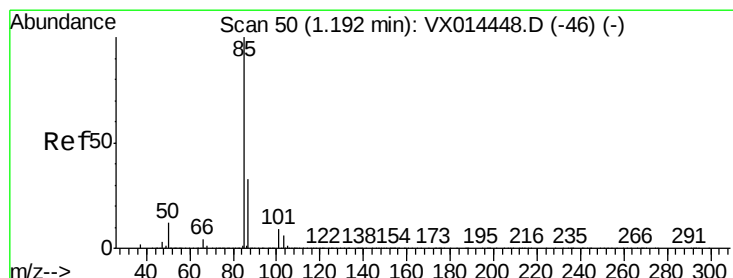
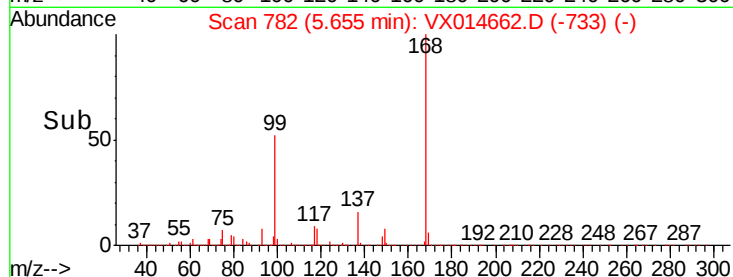
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.009 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014662.D

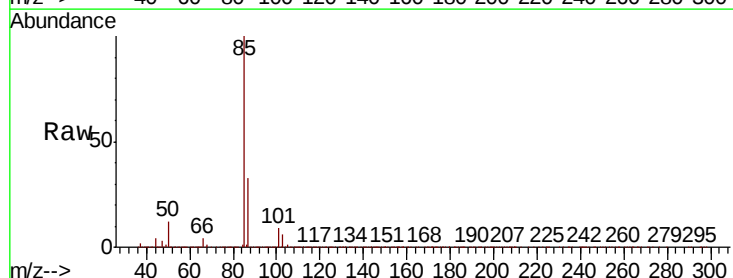
Acq: 17 Jan 2020 18:04

Tgt Ion: 85 Resp: 249272

Ion Ratio Lower Upper

85 100

87 32.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

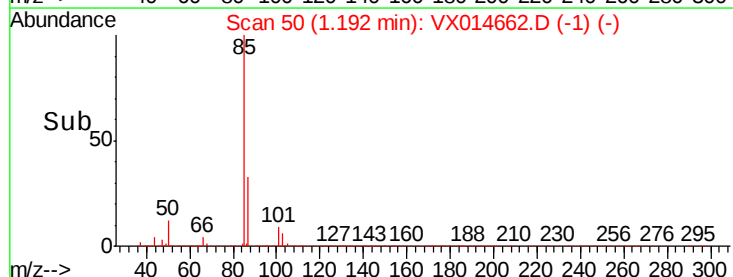
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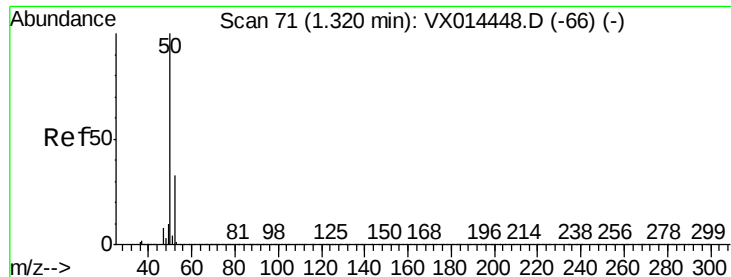
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.204 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

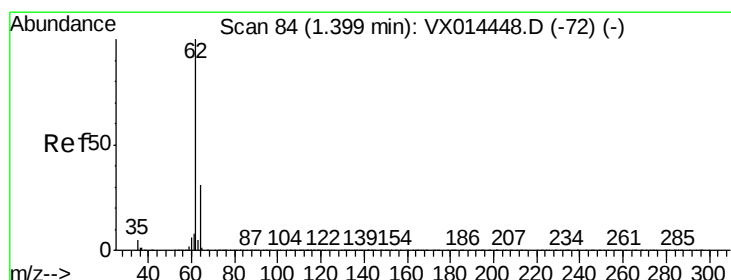
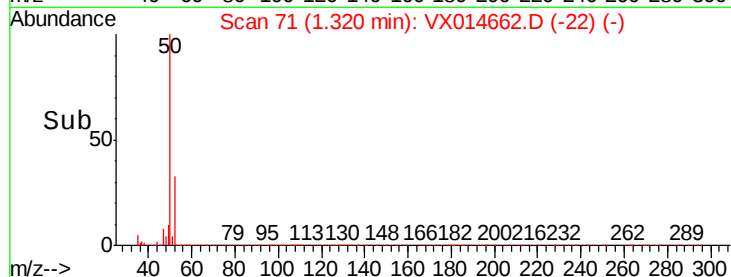
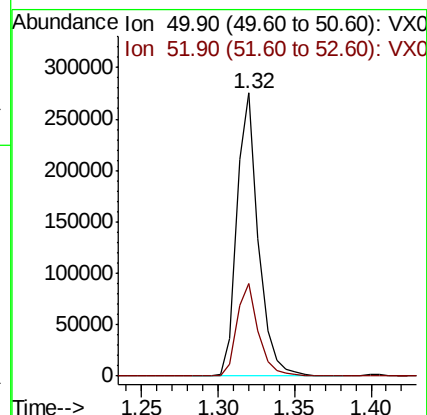
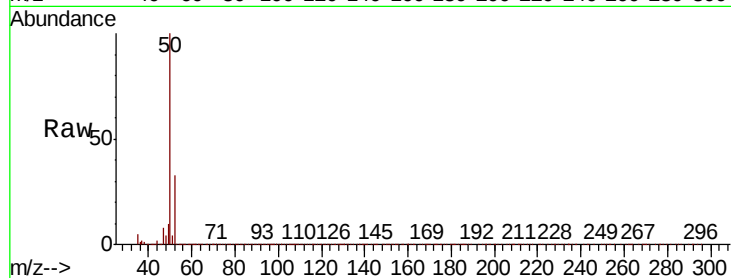
ClientSampleId :

Tot Ion: 50 Resp: 267689

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 51.624 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014662.D

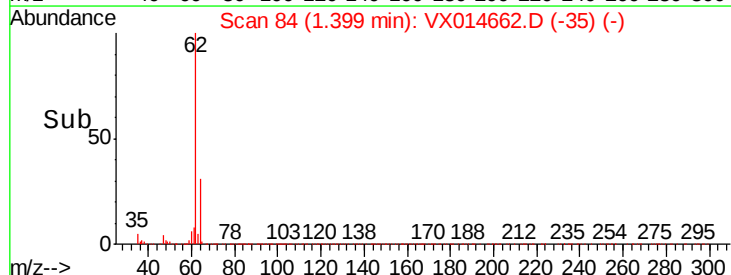
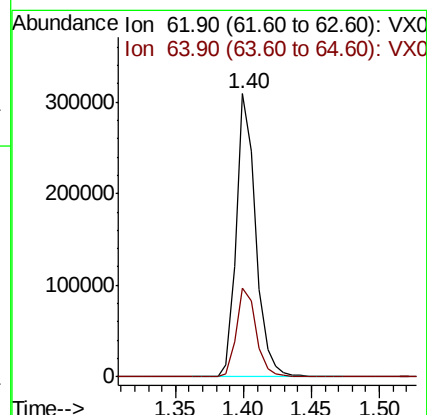
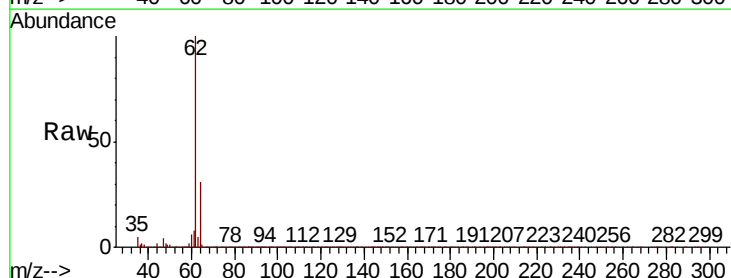
Acq: 17 Jan 2020 18:04

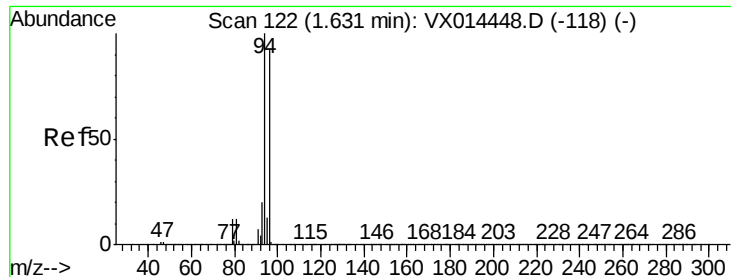
Tgt Ion: 62 Resp: 306726

Ion Ratio Lower Upper

62 100

64 31.2 24.6 37.0





#5

Bromomethane

Concen: 48.746 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

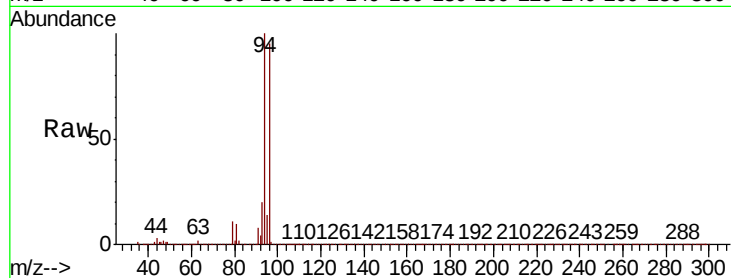
ClientSampleId :

Tot Ion: 94 Resp: 191983

Ion Ratio Lower Upper

94 100

96 94.6 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

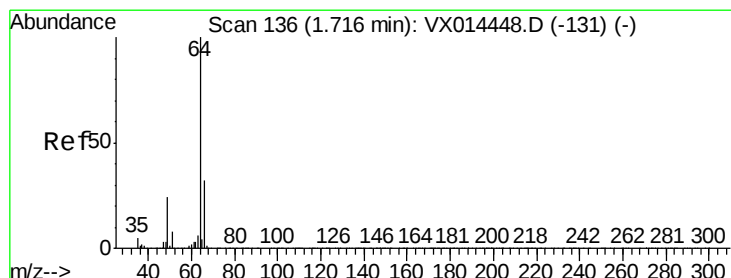
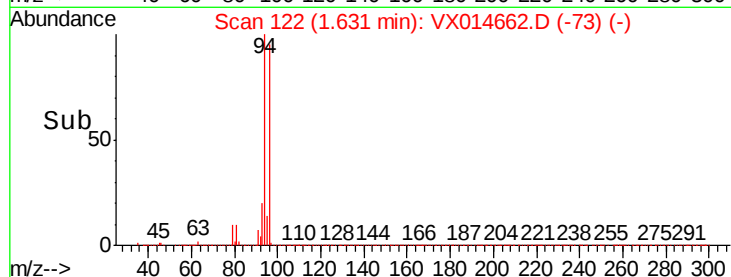
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 51.929 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014662.D

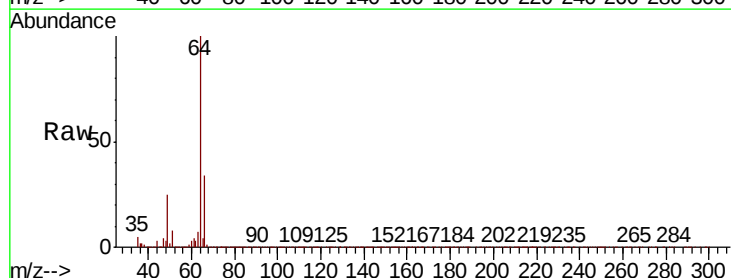
Acq: 17 Jan 2020 18:04

Tgt Ion: 64 Resp: 167967

Ion Ratio Lower Upper

64 100

66 33.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

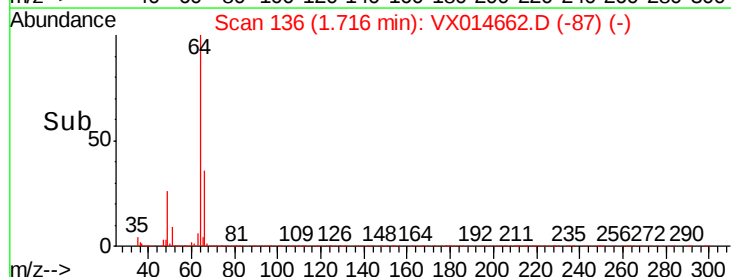
1.72

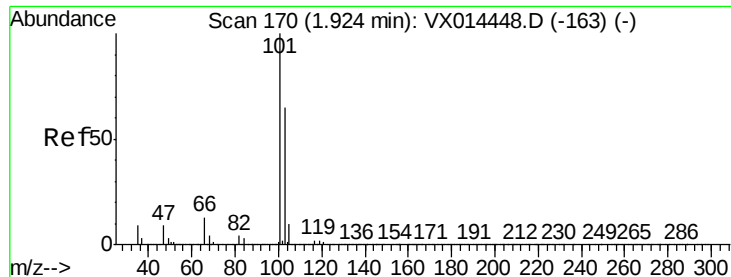
100000

50000

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Time-->



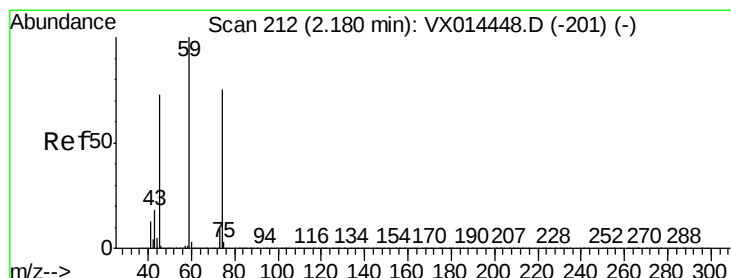
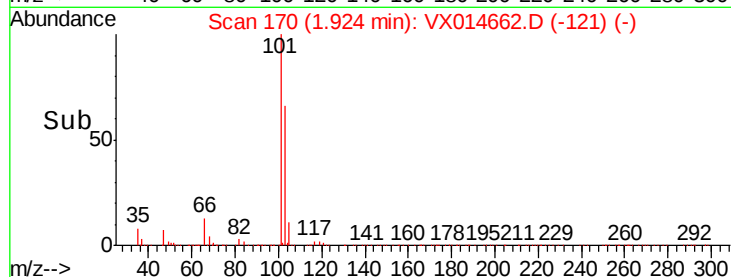
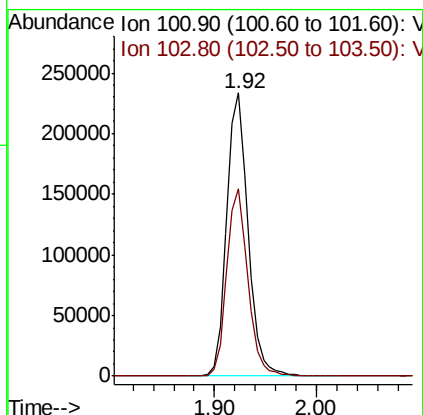
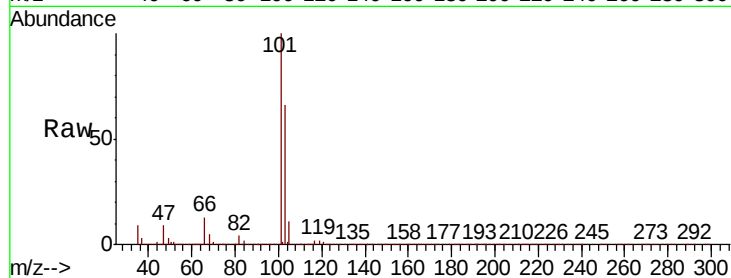


#7

Trichlorofluoromethane
Concen: 49.942 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

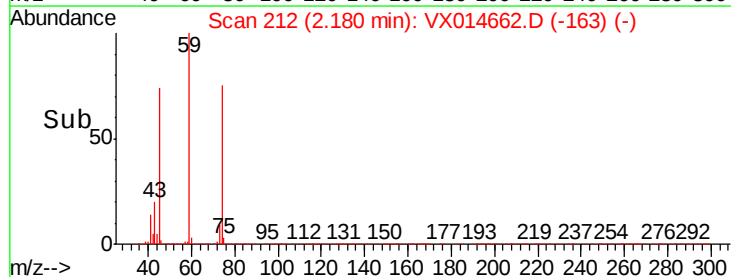
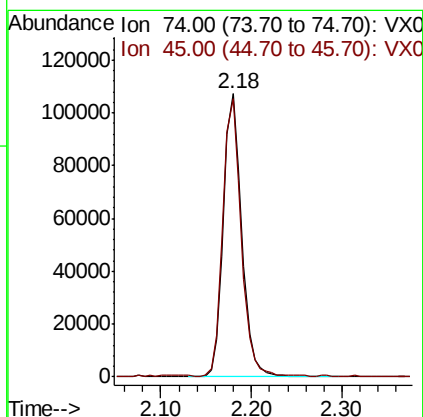
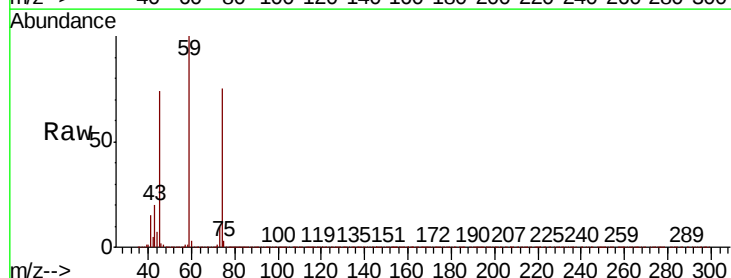
Tot Ion:101 Resp: 336604
Ion Ratio Lower Upper
101 100
103 66.3 52.2 78.4

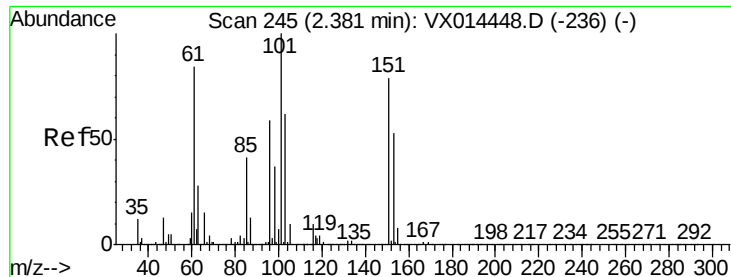


#8

Diethyl Ether
Concen: 49.166 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 74 Resp: 151178
Ion Ratio Lower Upper
74 100
45 98.2 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.251 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

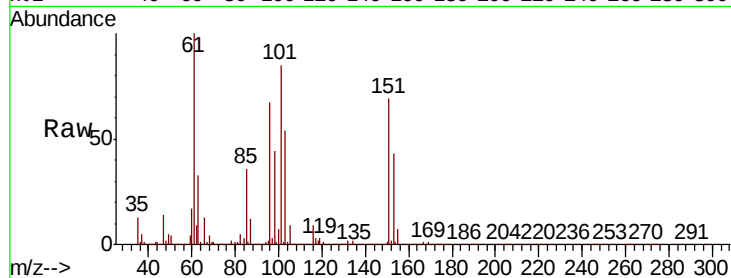
Tot Ion:101 Resp: 201953

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

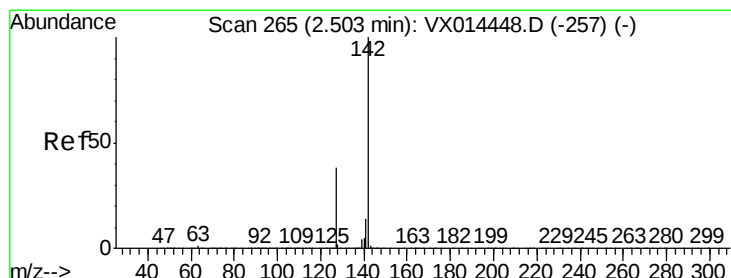
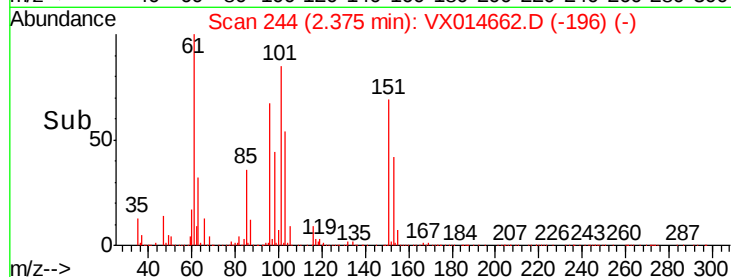
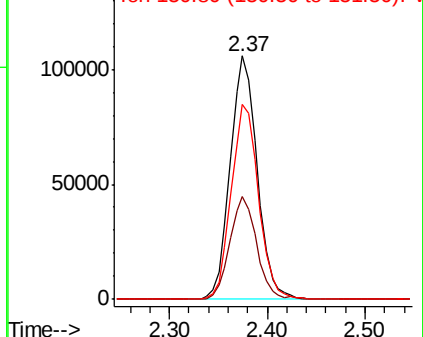
151 81.2 65.3 97.9



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: 55.766 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

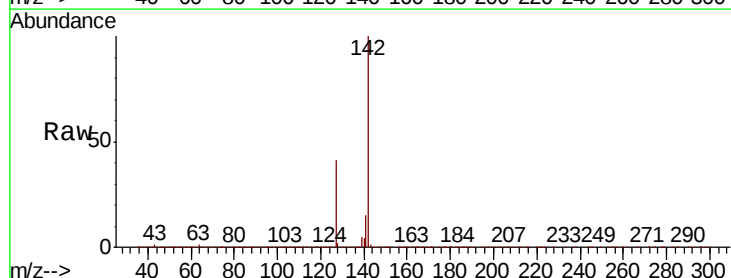
Tgt Ion:142 Resp: 273810

Ion Ratio Lower Upper

142 100

127 39.6 31.2 46.8

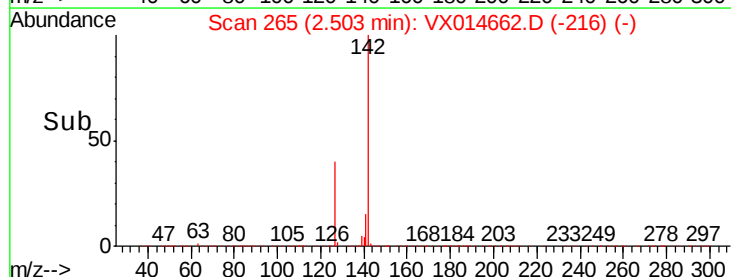
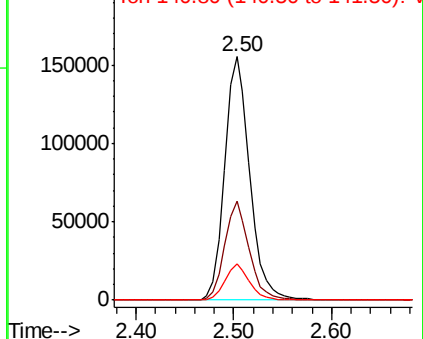
141 14.6 11.4 17.2

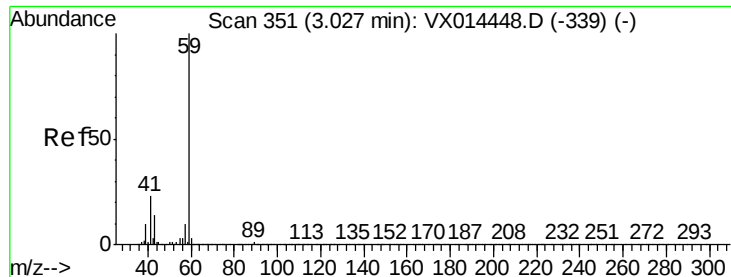


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



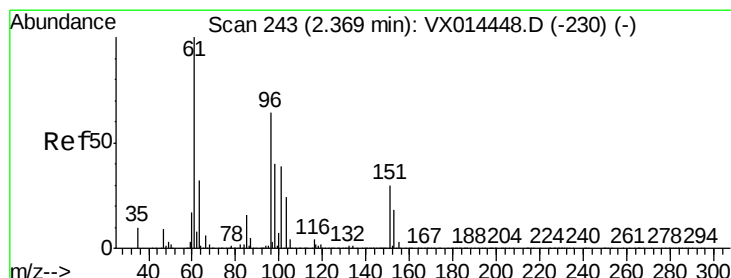
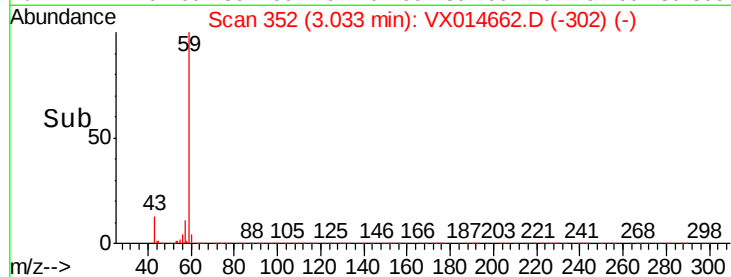
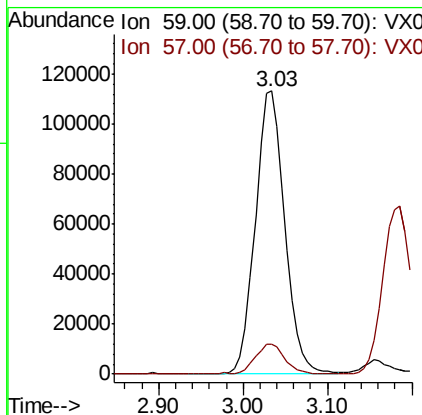
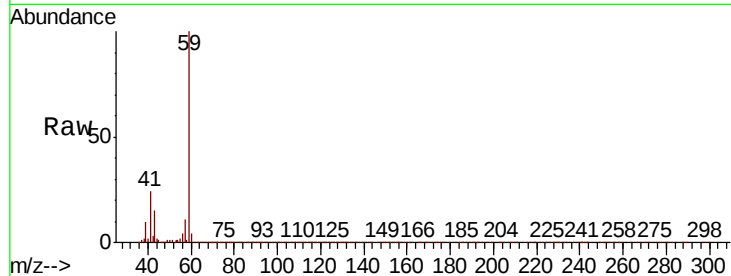


#11

Tert butyl alcohol
Concen: 276.065 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

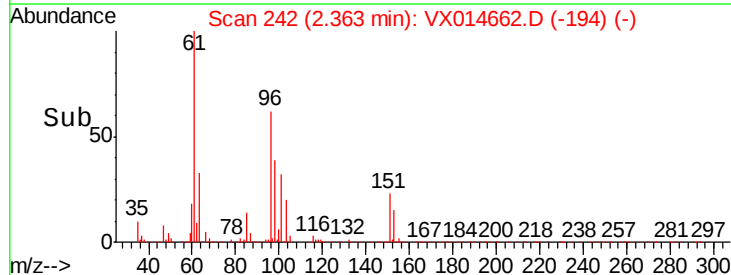
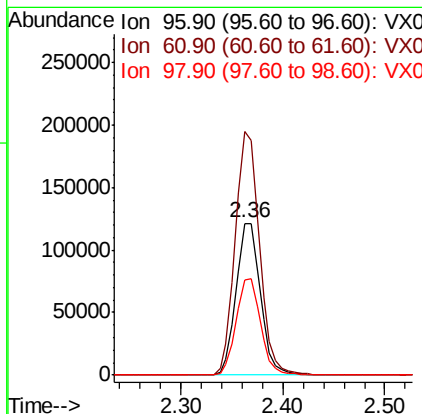
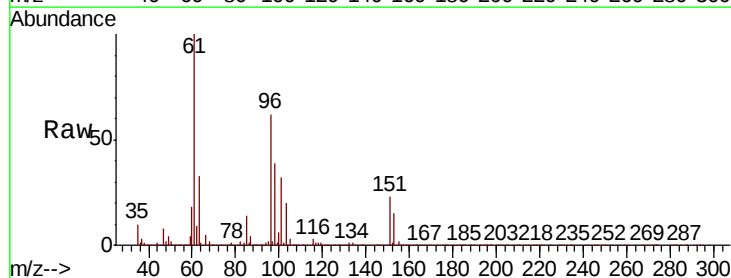
Tot Ion: 59 Resp: 269165
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

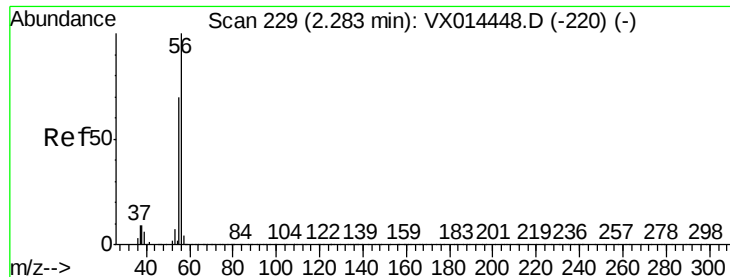


#12

1,1-Dichloroethene
Concen: 48.325 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 96 Resp: 199644
Ion Ratio Lower Upper
96 100
61 160.4 125.0 187.6
98 62.5 50.2 75.2

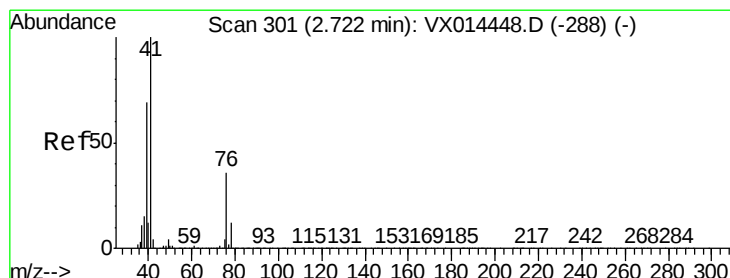
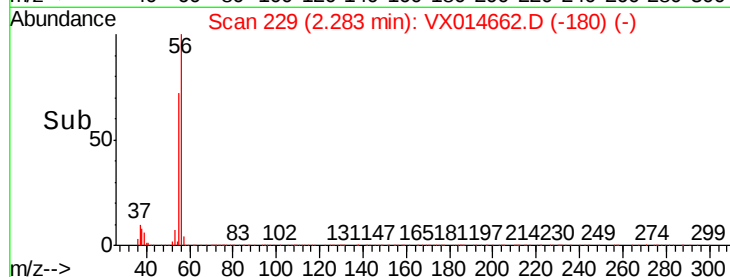
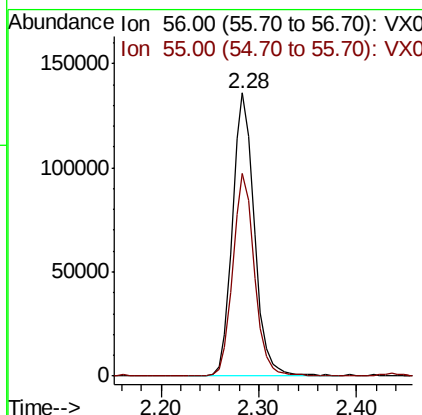
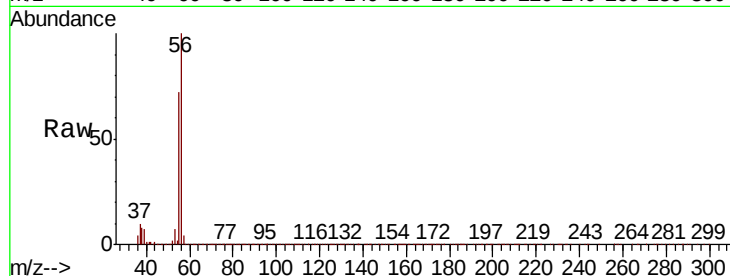




#13
Acrolein
Concen: 268.399 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

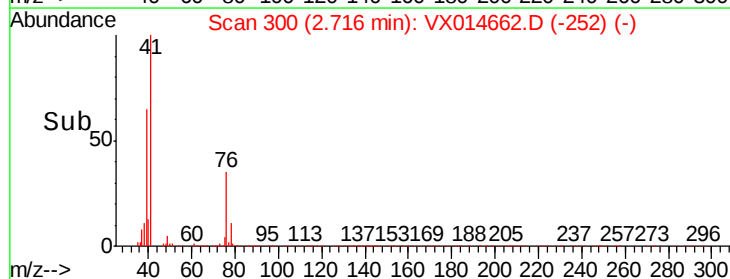
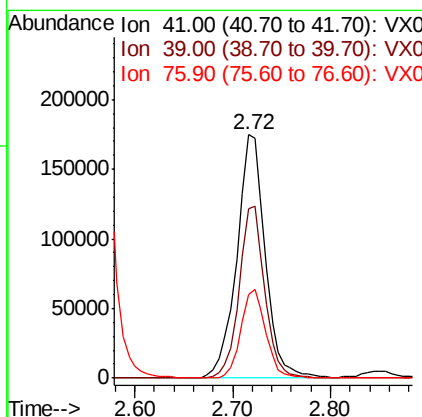
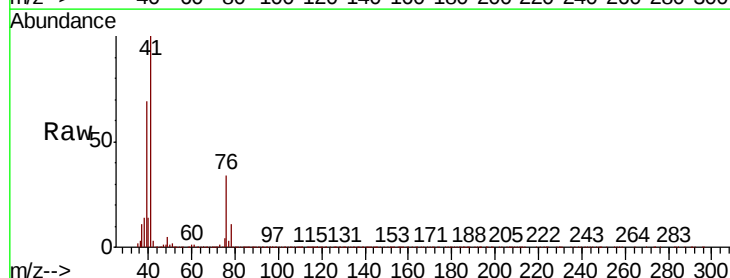
Instrument :
MSVOA_X
ClientSampleId :

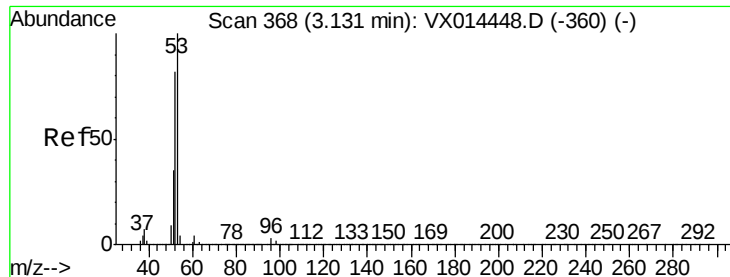
Tot Ion: 56 Resp: 209752
Ion Ratio Lower Upper
56 100
55 70.3 55.0 82.6



#14
Allyl chloride
Concen: 48.352 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 41 Resp: 350709
Ion Ratio Lower Upper
41 100
39 64.3 51.7 77.5
76 31.9 26.8 40.2





#15

Acrylonitrile

Concen: 276.054 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

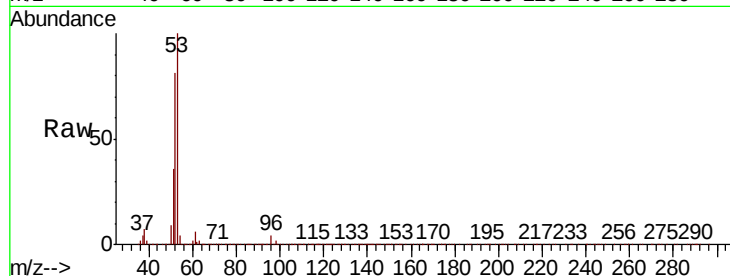
Tot Ion: 53 Resp: 649611

Ion Ratio Lower Upper

53 100

52 82.4 67.0 100.4

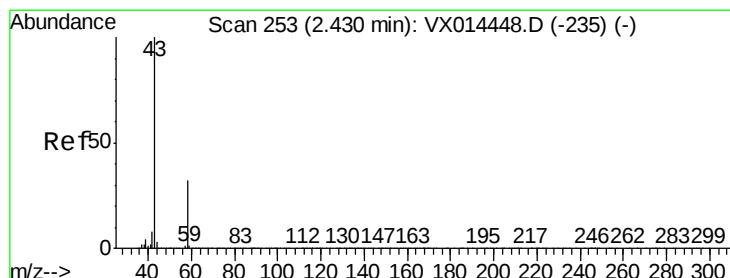
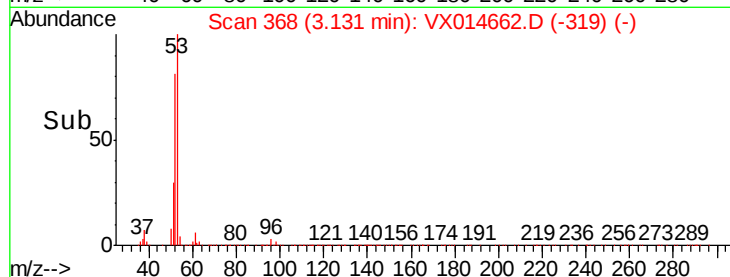
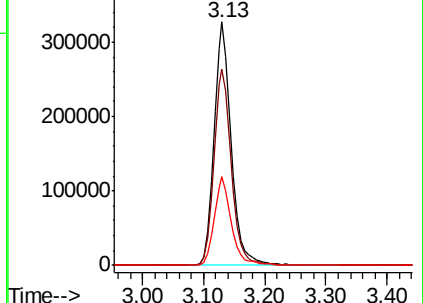
51 36.1 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 255.872 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014662.D

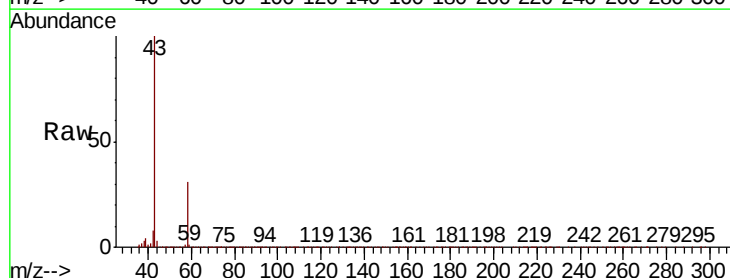
Acq: 17 Jan 2020 18:04

Tgt Ion: 43 Resp: 598855

Ion Ratio Lower Upper

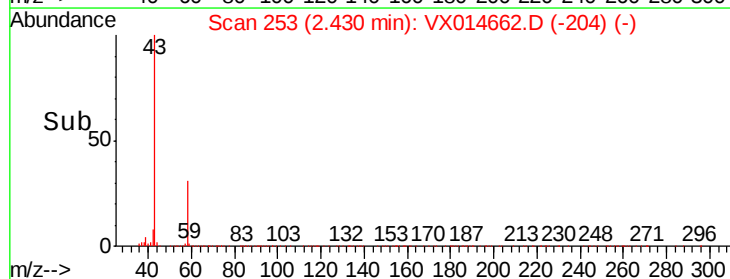
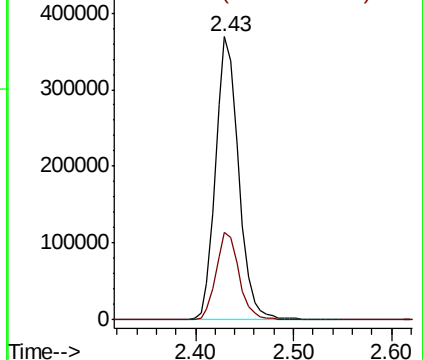
43 100

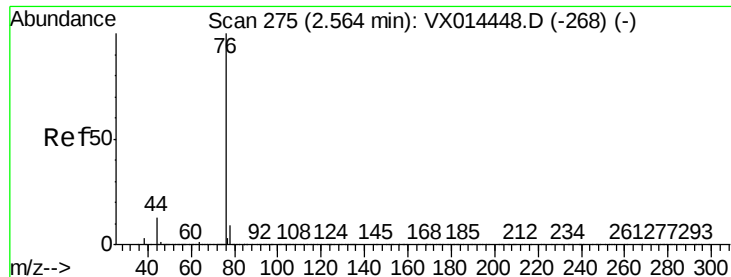
58 30.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

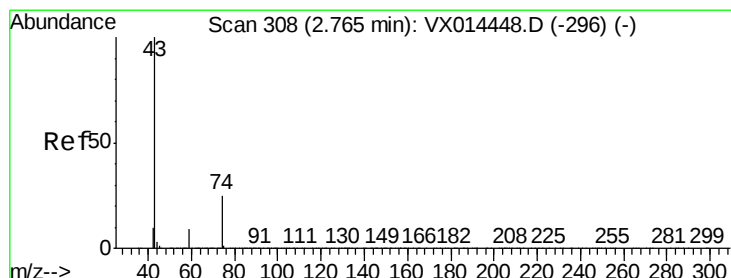
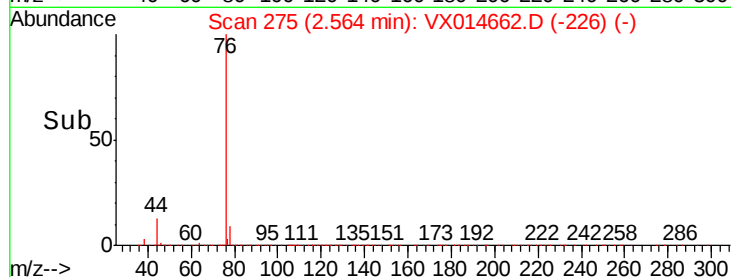
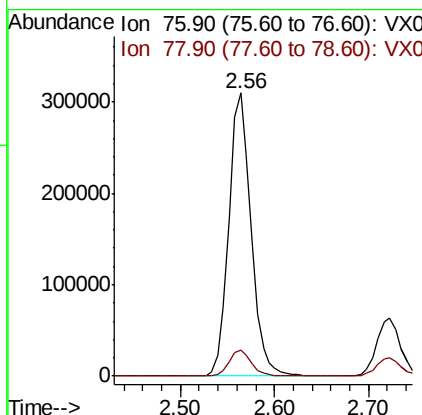
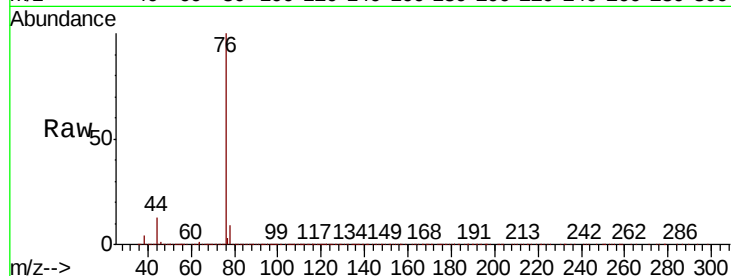




#17
Carbon Disulfide
Concen: 44.297 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

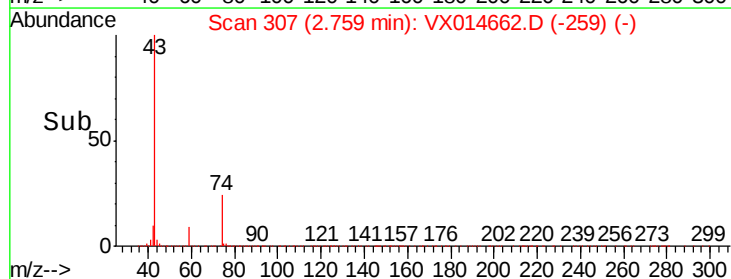
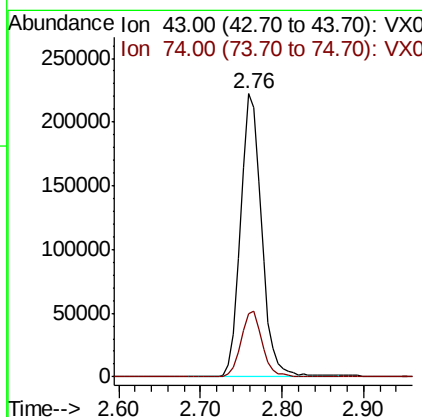
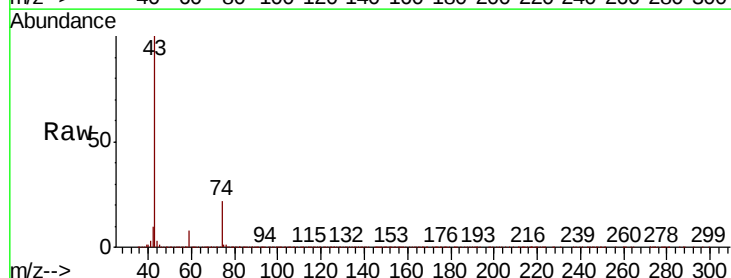
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 510625
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 58.506 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 43 Resp: 392665
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2

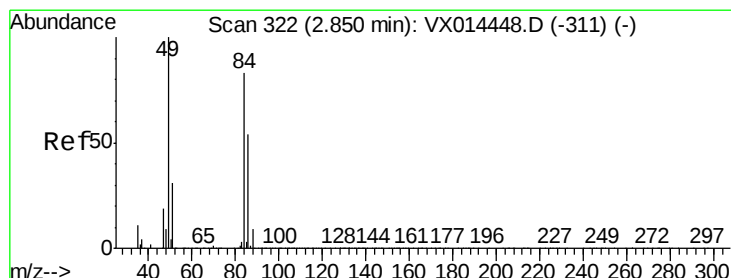
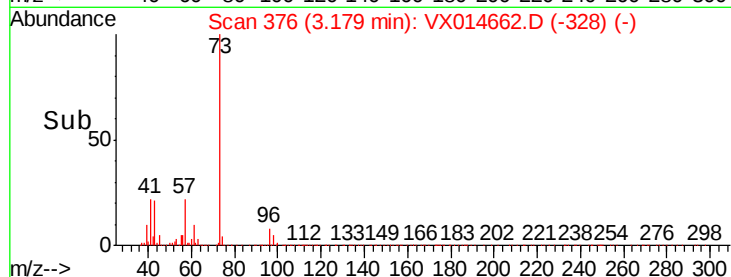
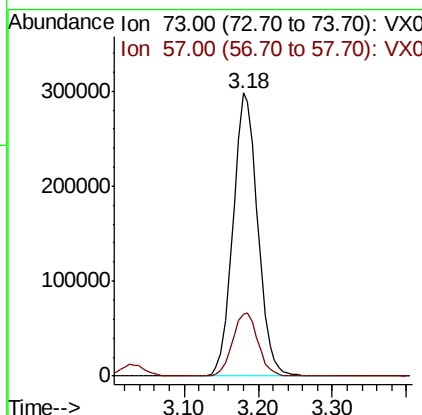
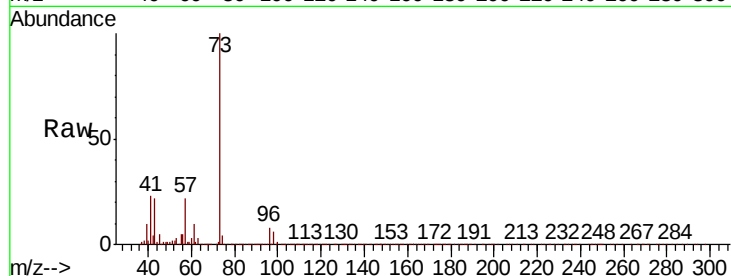




#19
Methyl tert-butyl Ether
Concen: 52.077 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

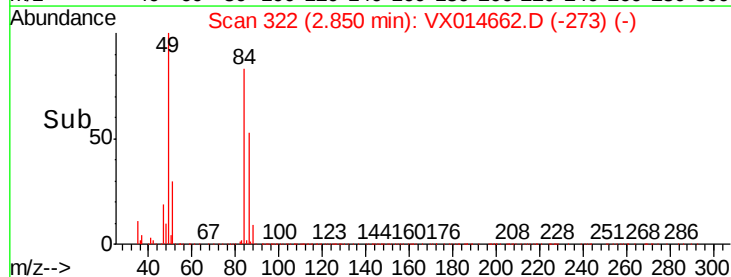
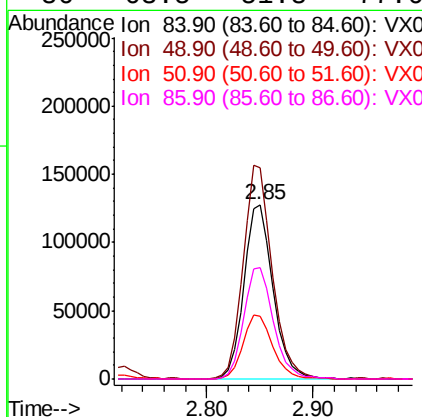
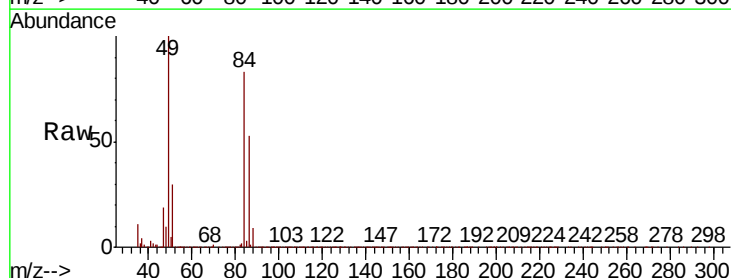
Instrument :
MSVOA_X
ClientSampleId :

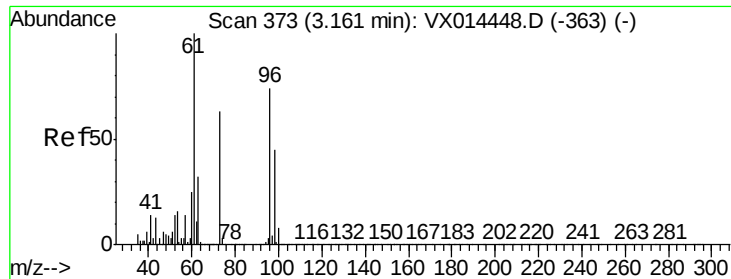
Tot Ion: 73 Resp: 690648
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 52.410 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 84 Resp: 246200
Ion Ratio Lower Upper
84 100
49 120.6 95.8 143.8
51 36.1 30.2 45.4
86 63.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.673 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

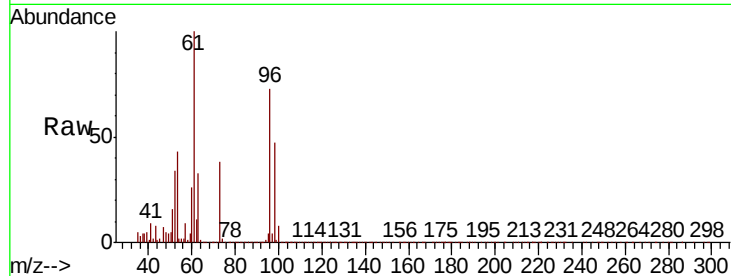
Tot Ion: 96 Resp: 215017

Ion Ratio Lower Upper

96 100

61 136.8 108.2 162.4

98 63.5 48.8 73.2

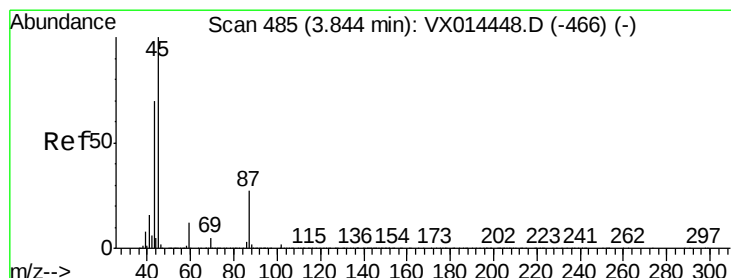
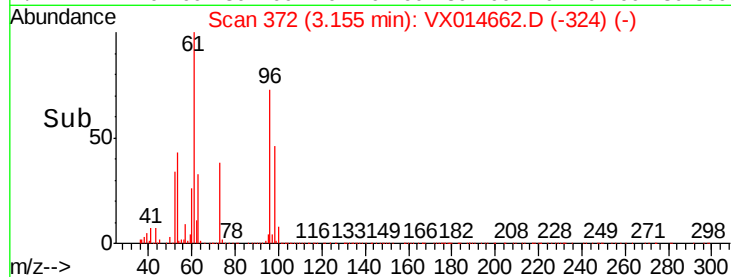
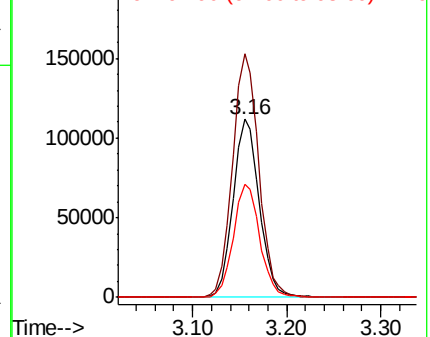


Abundance

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: 54.530 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Tgt Ion: 45 Resp: 764359

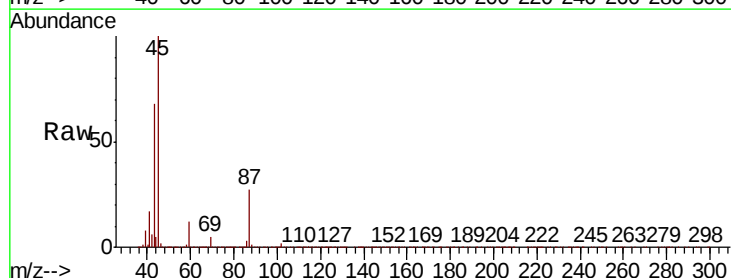
Ion Ratio Lower Upper

45 100

43 68.2 55.8 83.6

87 27.0 21.8 32.8

59 11.5 9.1 13.7



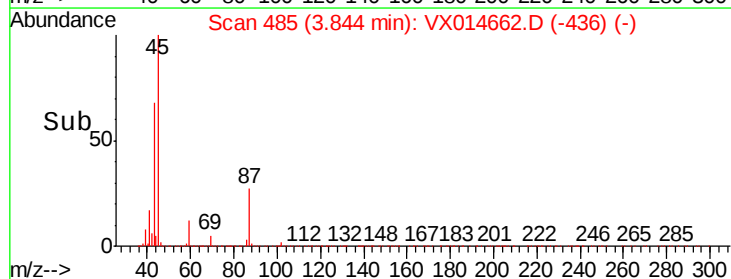
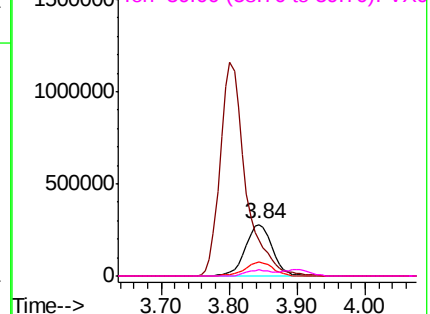
Abundance

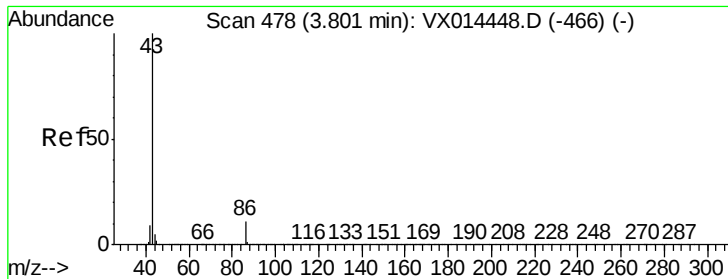
Ion 45.00 (44.70 to 45.70): VX0

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: 277.029 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

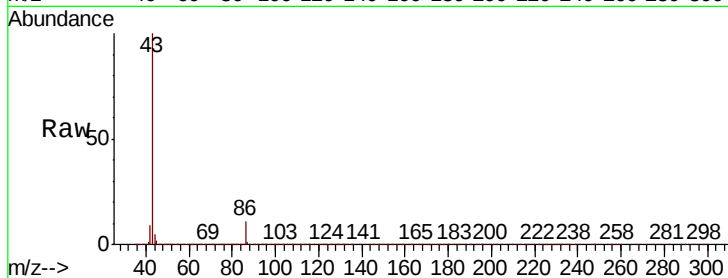
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3006402

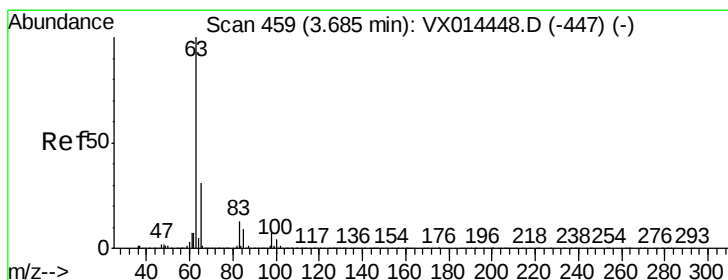
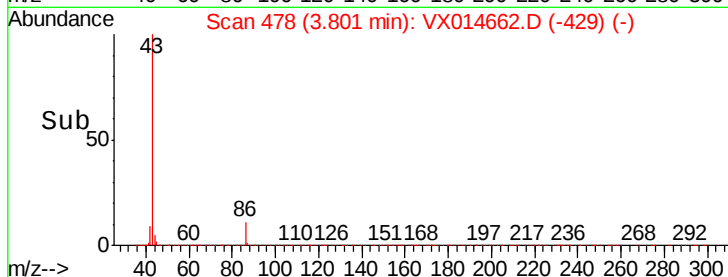
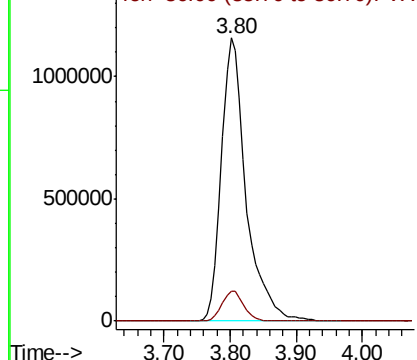
Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.915 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

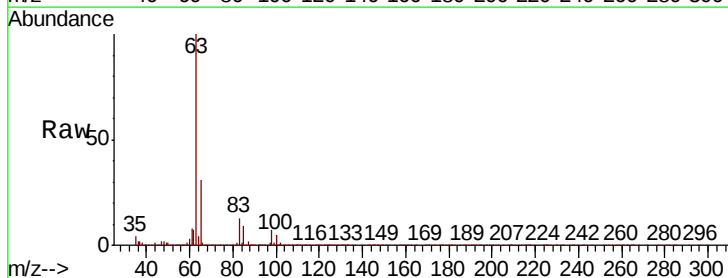
Tgt Ion: 63 Resp: 403488

Ion Ratio Lower Upper

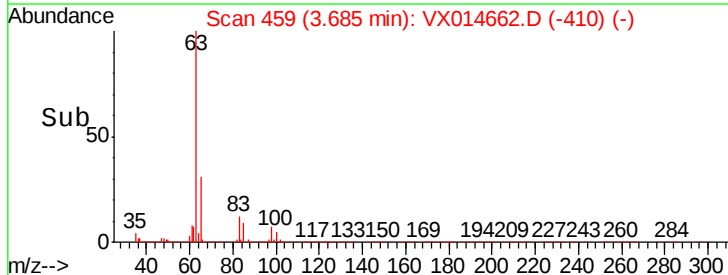
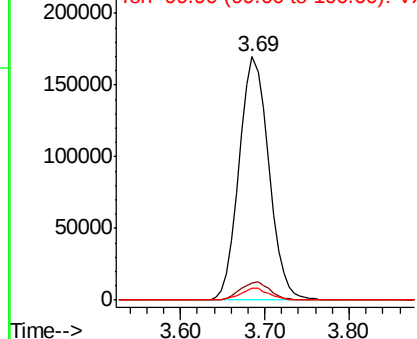
63 100

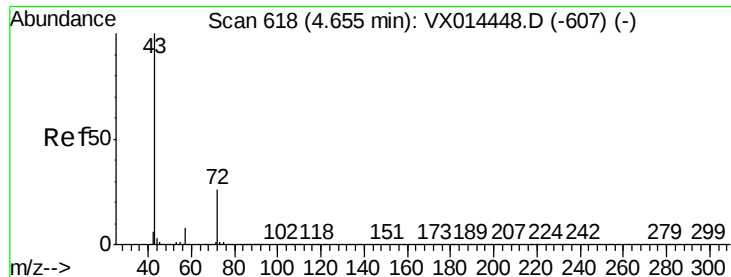
98 7.1 3.6 10.9

100 4.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 264.826 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

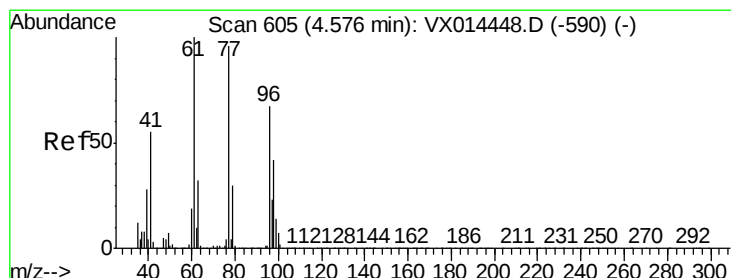
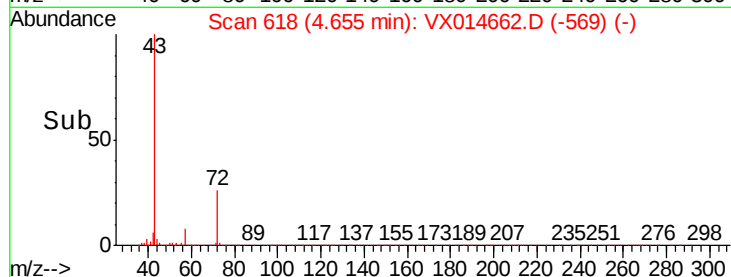
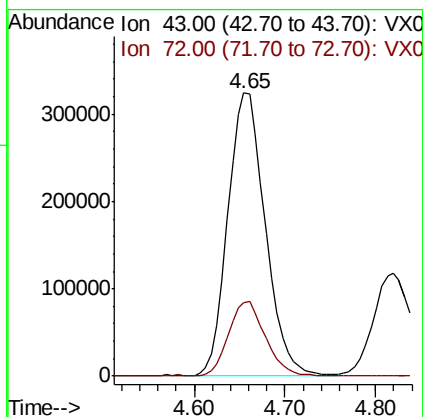
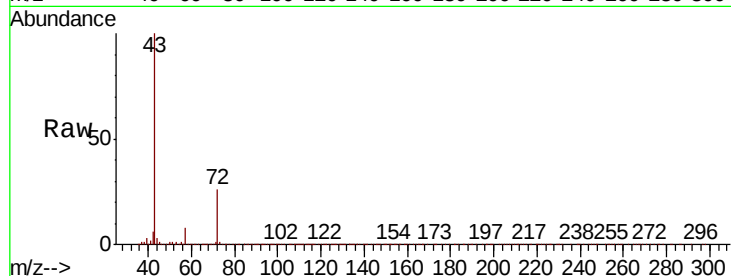
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 923736

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 48.947 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014662.D

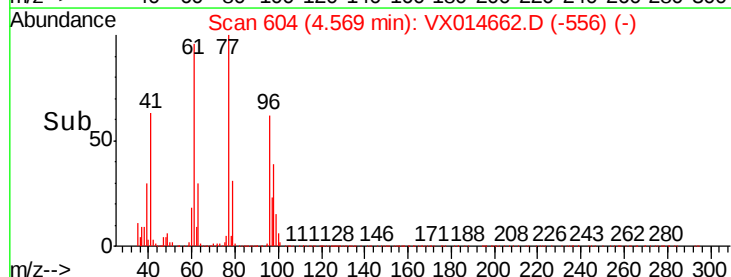
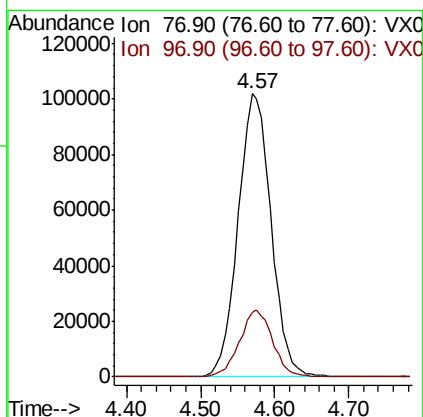
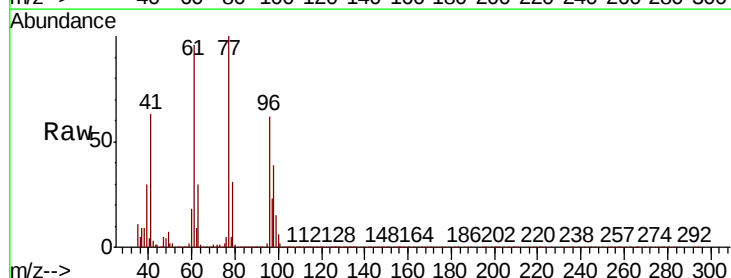
Acq: 17 Jan 2020 18:04

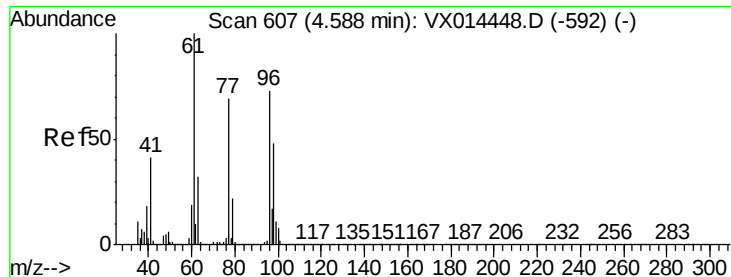
Tgt Ion: 77 Resp: 316168

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



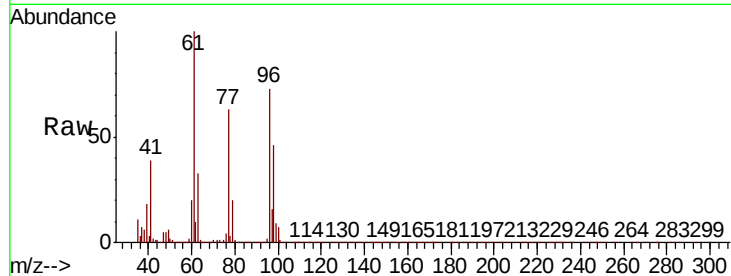


#27

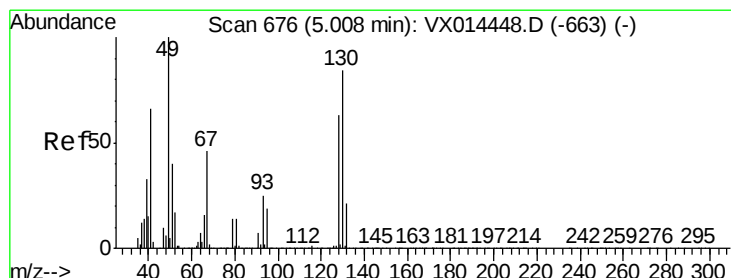
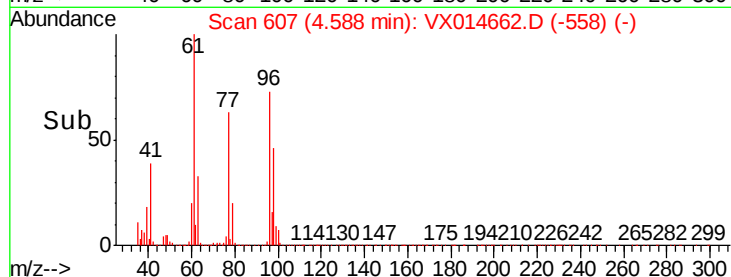
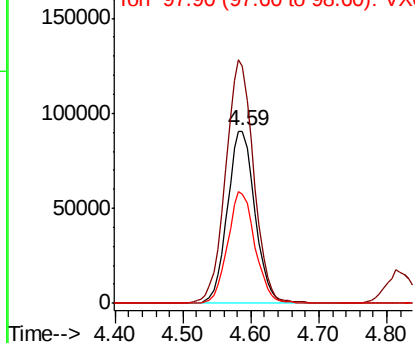
cis-1,2-Dichloroethene
Concen: 50.398 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	285.4
98	64.2	0.0	130.6



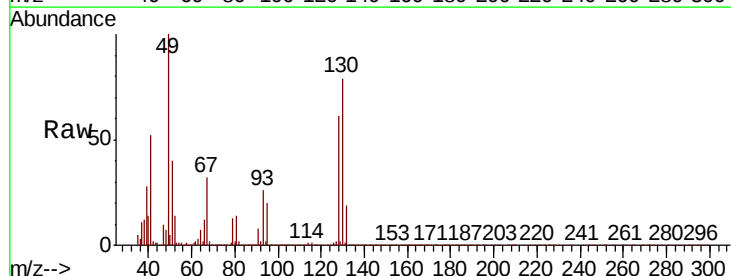
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



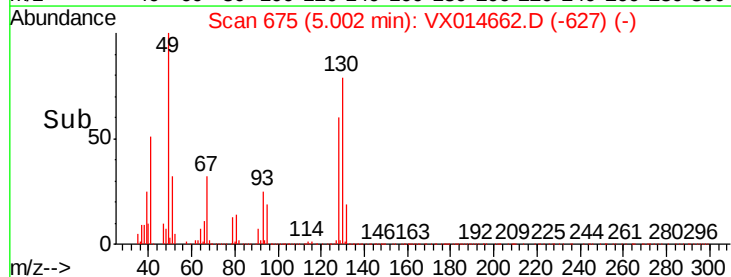
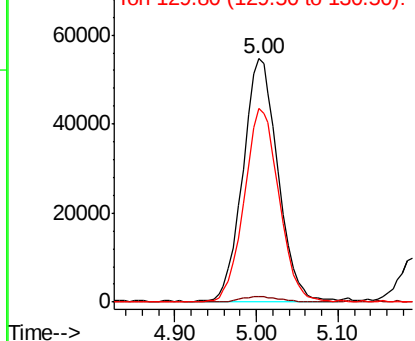
#28

Bromochloromethane
Concen: 50.585 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.6	67.0	100.4



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





#29

Tetrahydrofuran

Concen: 284.359 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

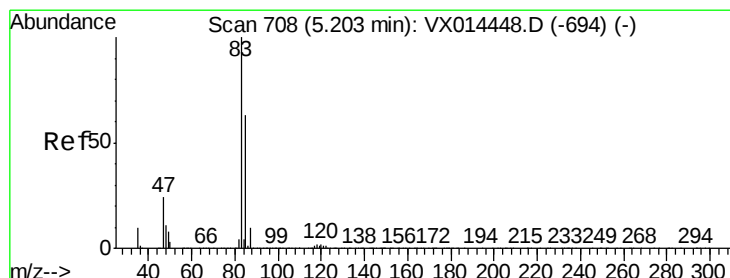
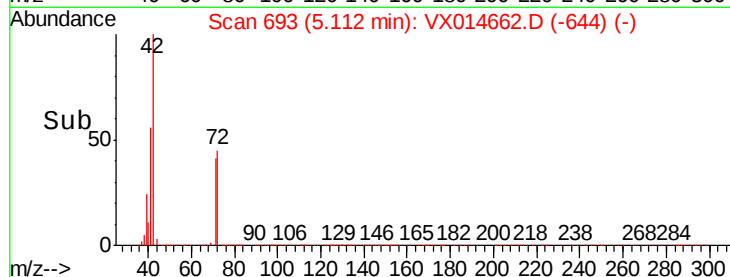
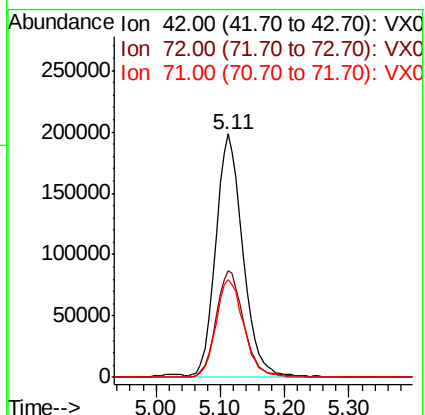
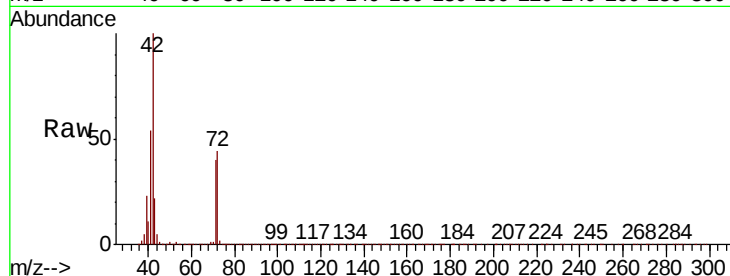
Tot Ion: 42 Resp: 586431

Ion Ratio Lower Upper

42 100

72 44.8 36.2 54.4

71 41.3 34.1 51.1



#30

Chloroform

Concen: 53.324 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014662.D

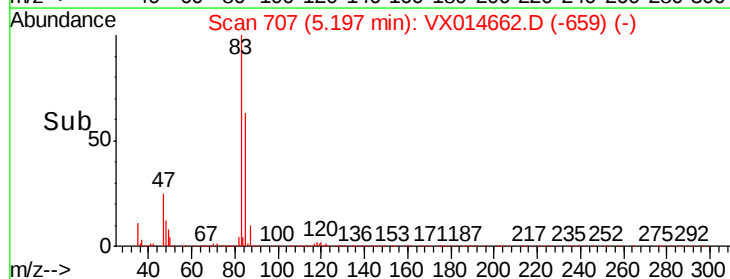
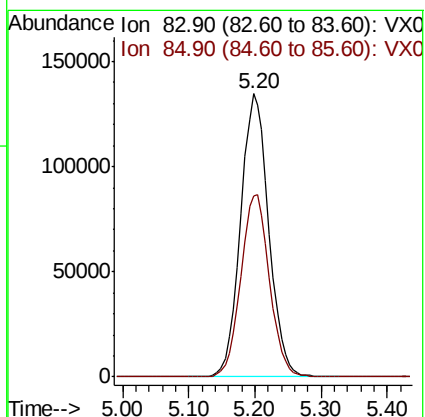
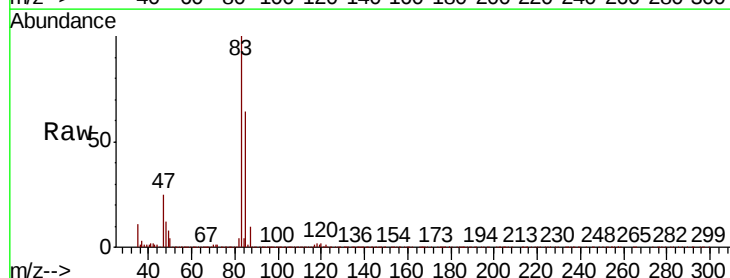
Acq: 17 Jan 2020 18:04

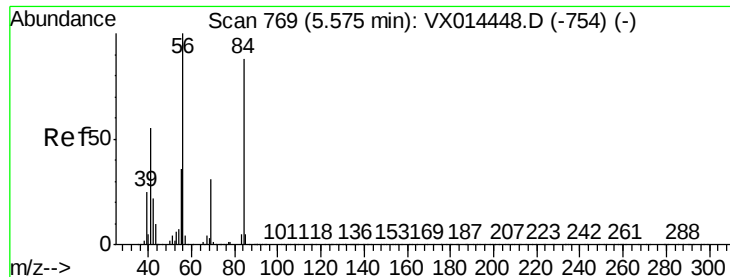
Tgt Ion: 83 Resp: 397324

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8





#31

Cyclohexane

Concen: 51.255 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

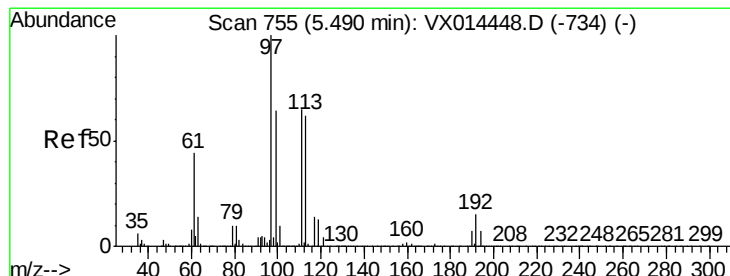
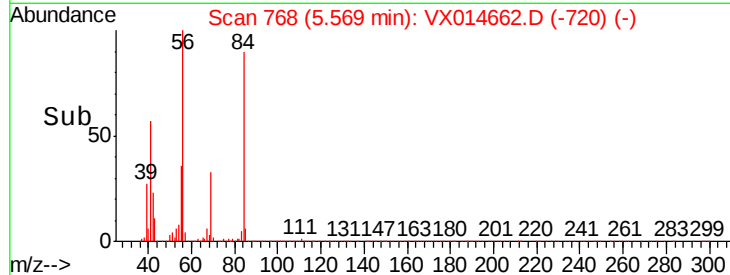
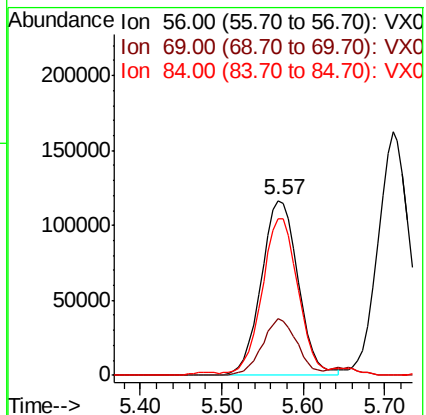
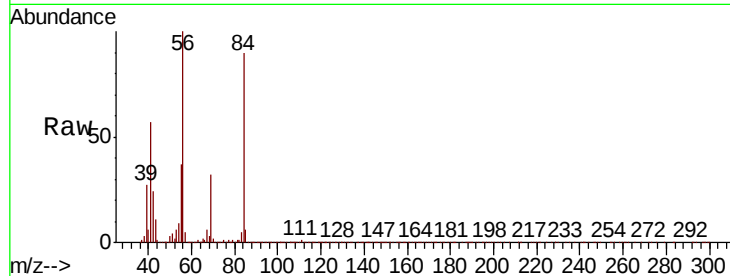
Tot Ion: 56 Resp: 365825

Ion Ratio Lower Upper

56 100

69 32.4 24.4 36.6

84 89.3 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 52.009 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

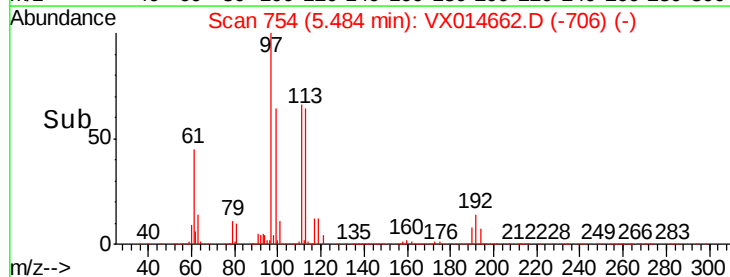
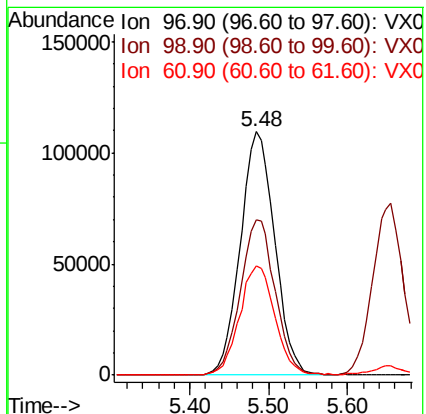
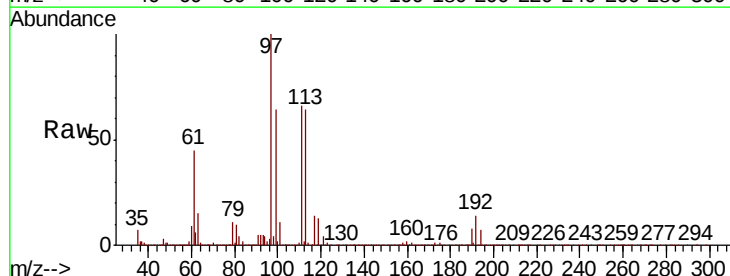
Tgt Ion: 97 Resp: 331718

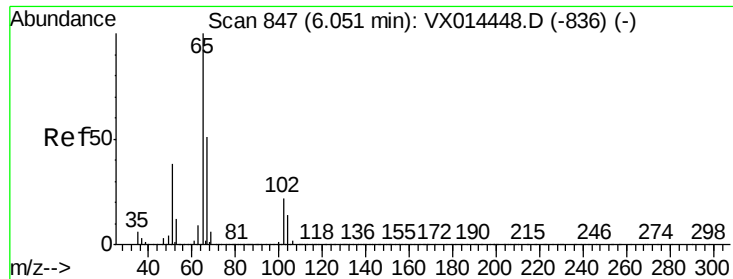
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 45.7 35.9 53.9

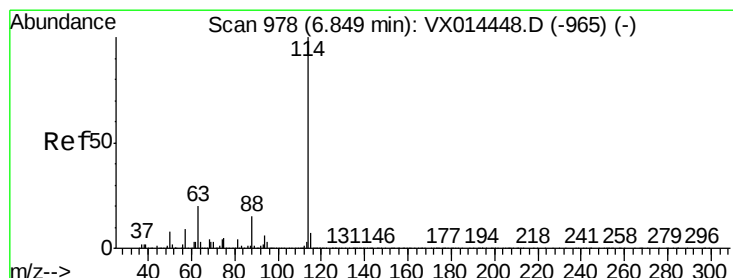
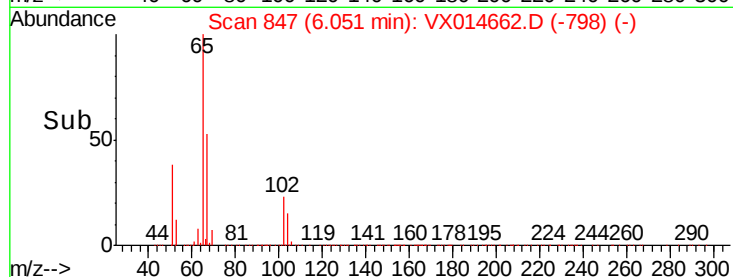
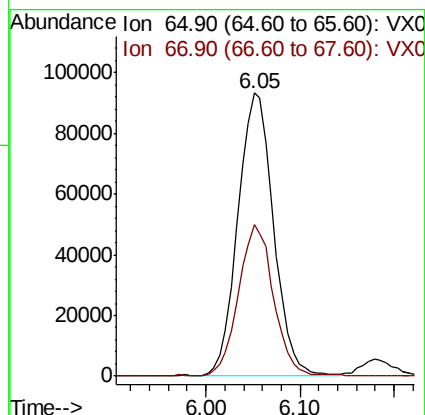
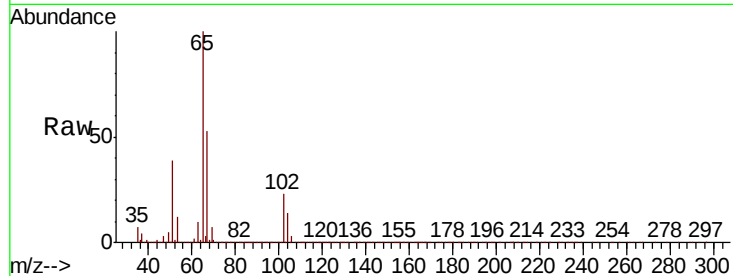




#33
 1,2-Dichloroethane-d4
 Concen: 52.652 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

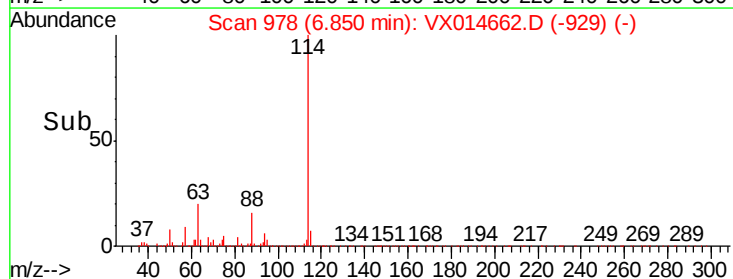
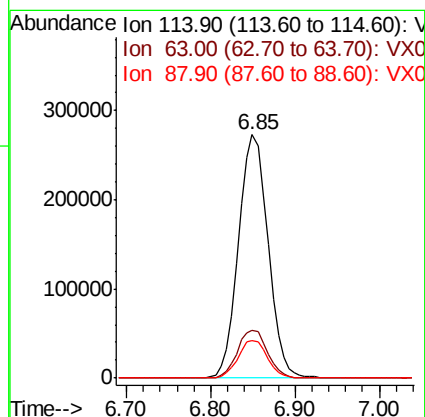
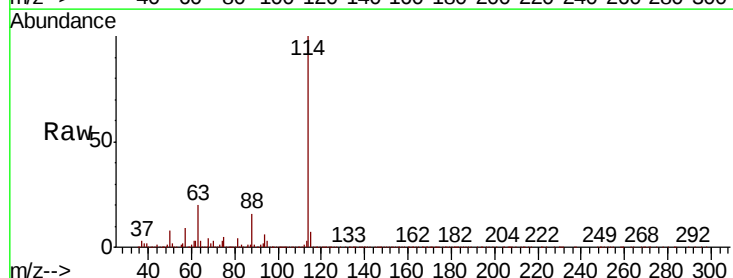
Instrument :
 MSVOA_X
 ClientSampleId :

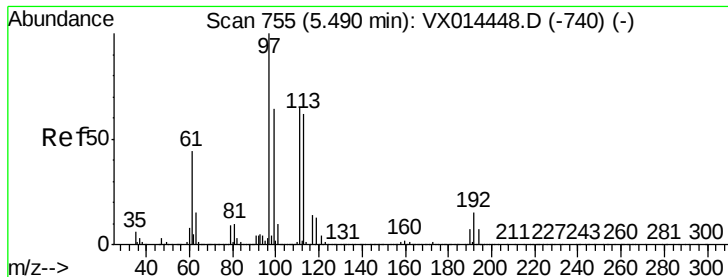
Tot Ion: 65 Resp: 245864
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion: 114 Resp: 644148
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.363 ug/l

RT: 5.48 min Scan# 754

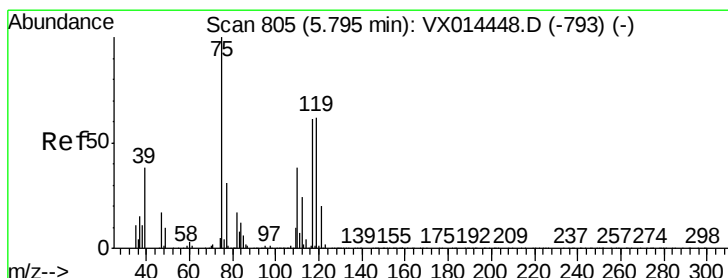
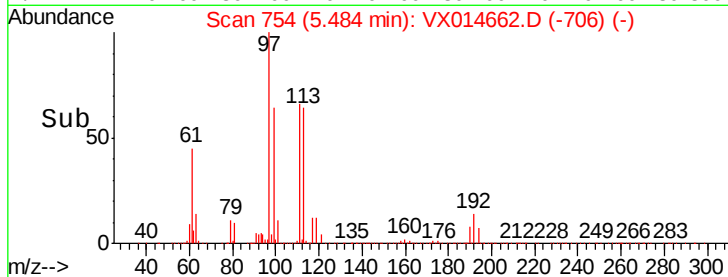
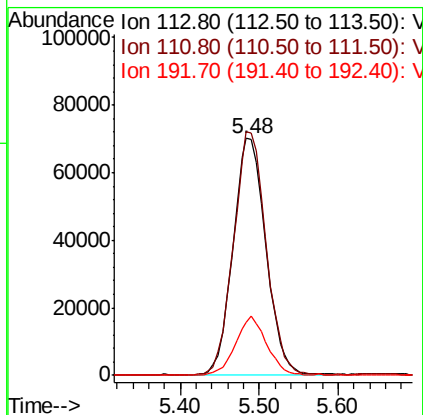
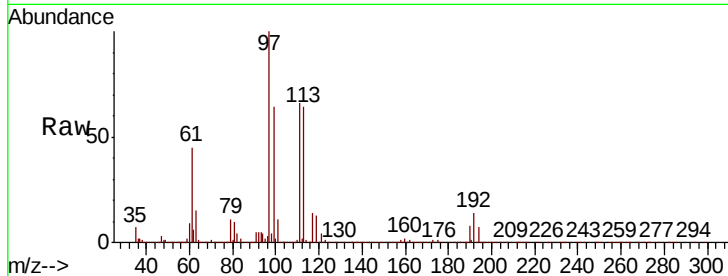
Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	204180
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	23.1	19.2	28.8



#36

1,1-Dichloropropene

Concen: 48.535 ug/l

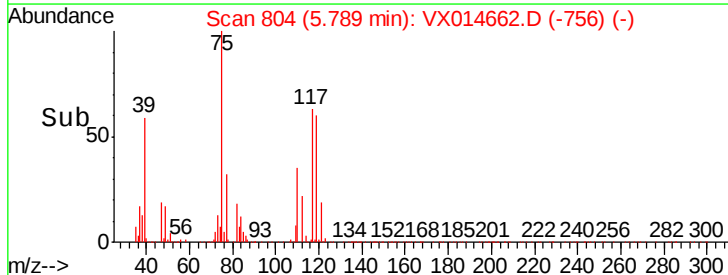
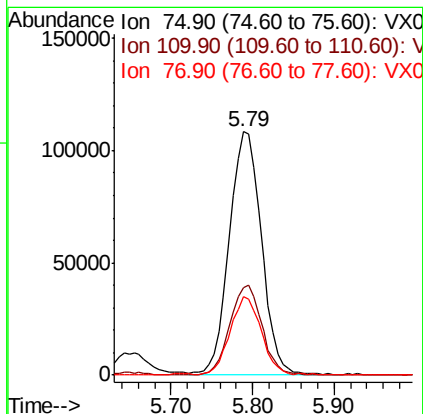
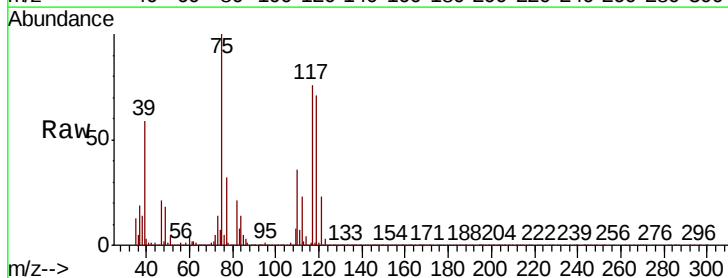
RT: 5.79 min Scan# 804

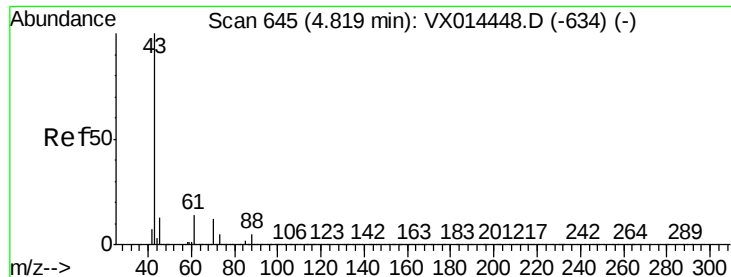
Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Tgt Ion:	75	Resp:	294008
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.6	55.8
77	30.3	24.5	36.7

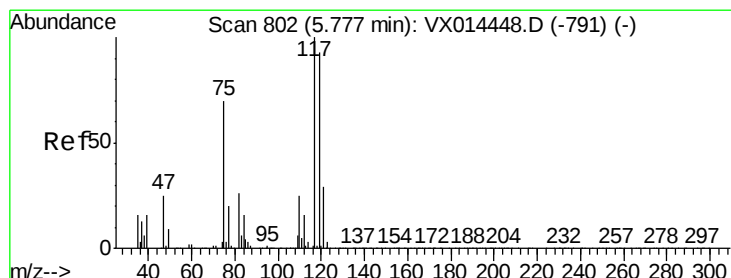
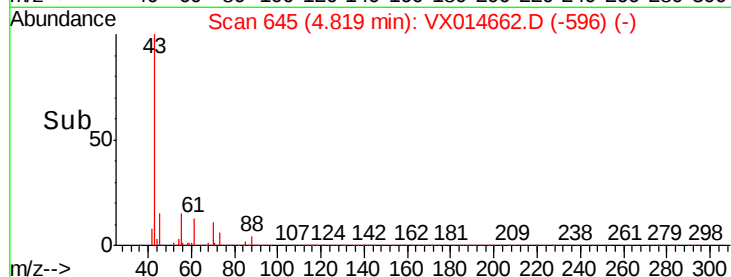
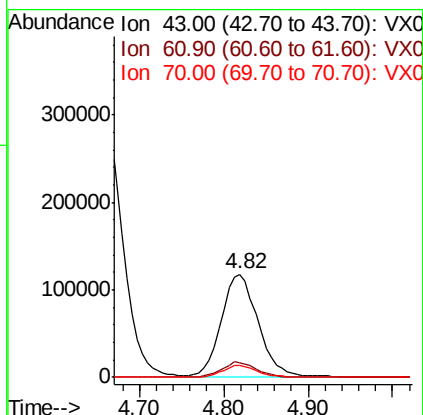
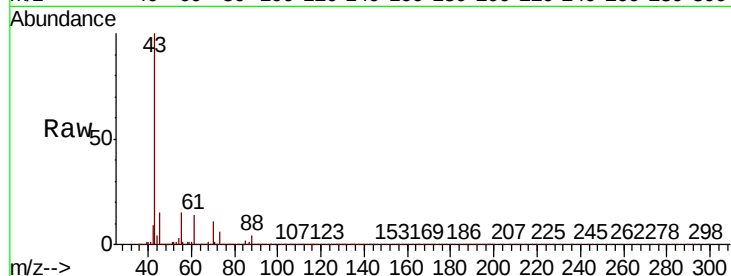




#37
Ethyl Acetate
Concen: 52.803 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

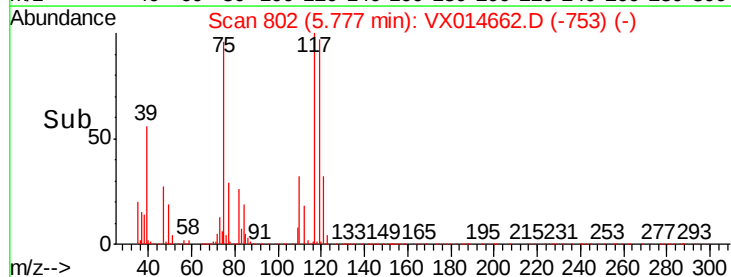
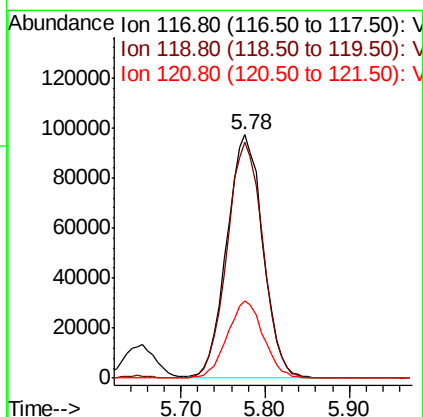
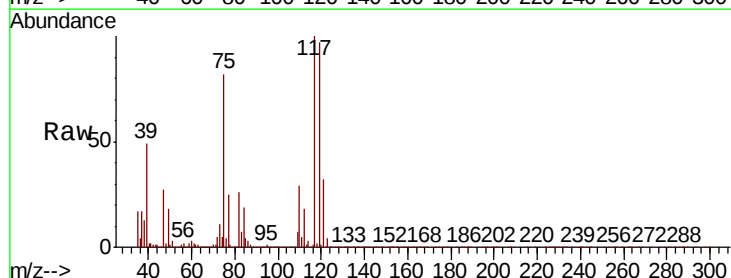
Instrument :
MSVOA_X
ClientSampleId :

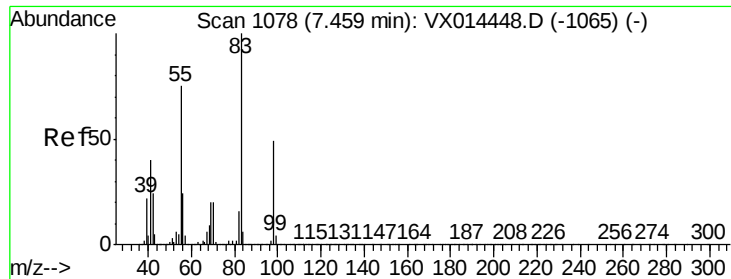
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	10.8	8.9	13.3



#38
Carbon Tetrachloride
Concen: 50.526 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.8	110.8
121	31.7	23.4	35.0

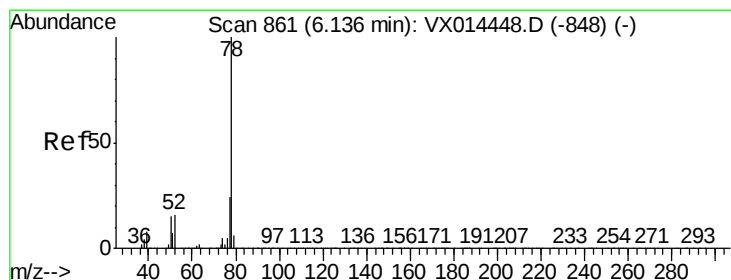
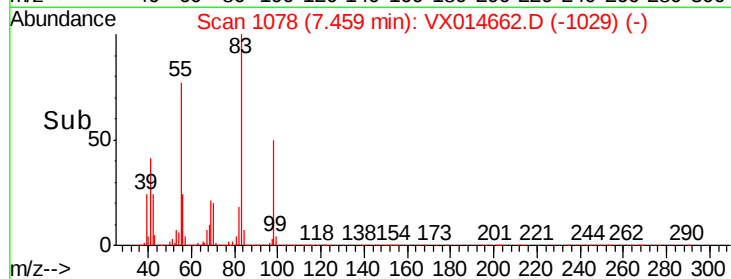
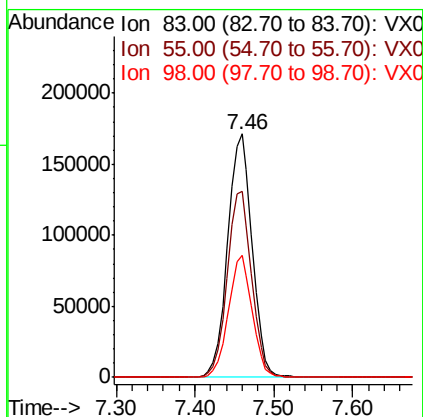
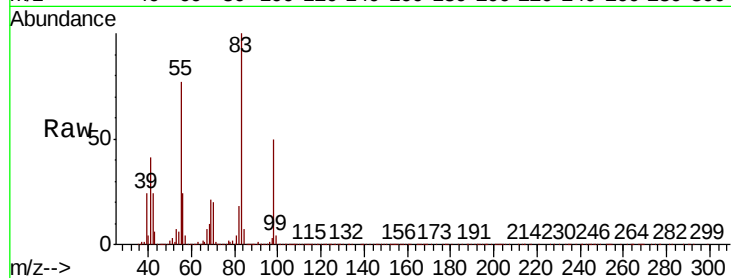




#39
Methvlcvclohexane
Concen: 48.298 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

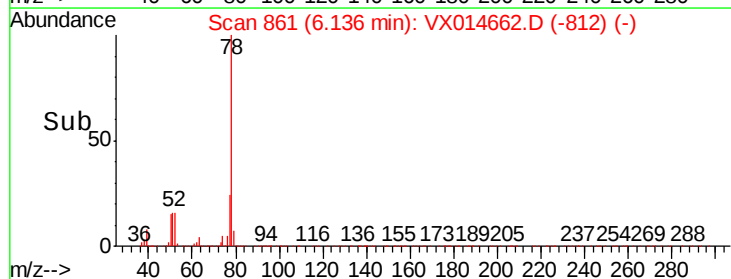
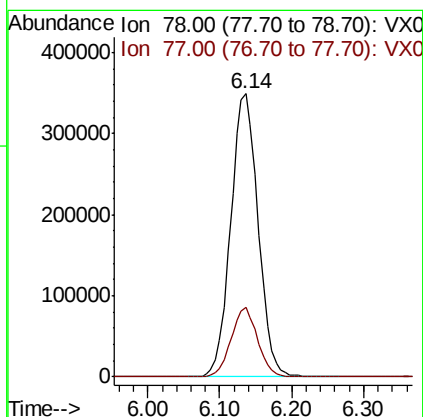
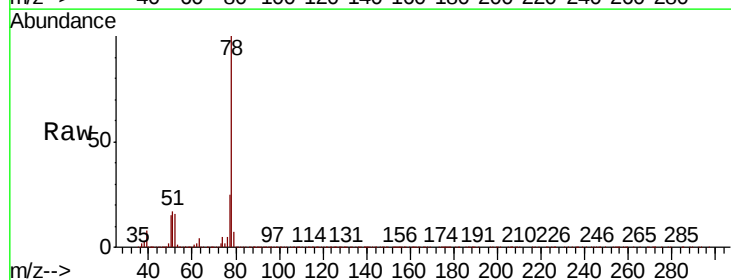
Instrument :
MSVOA_X
ClientSampleId :

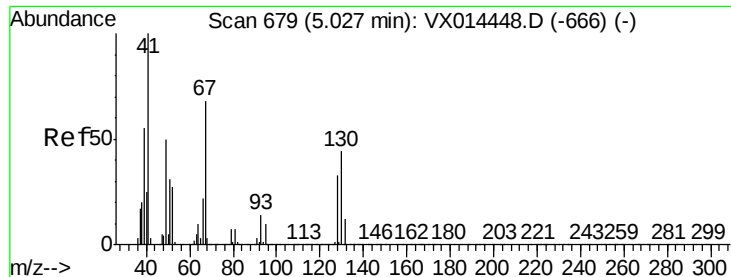
Tot Ion: 83 Resp: 367573
Ion Ratio Lower Upper
83 100
55 76.5 59.7 89.5
98 50.1 39.1 58.7



#40
Benzene
Concen: 51.183 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 78 Resp: 920216
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

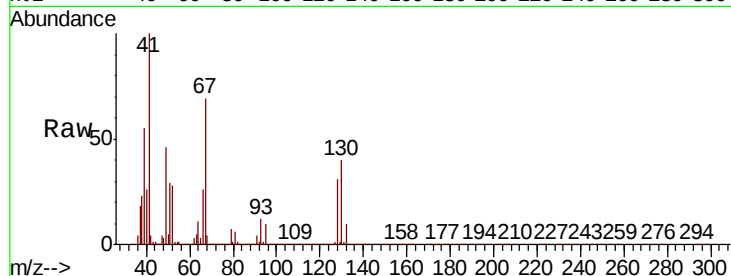




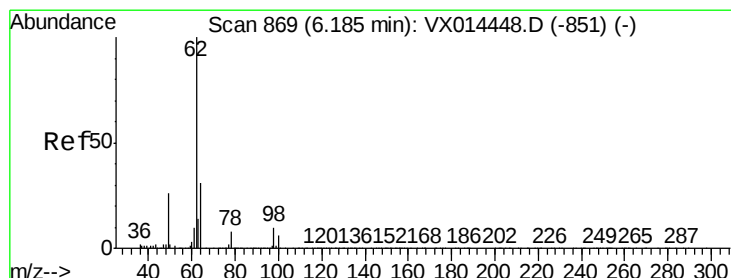
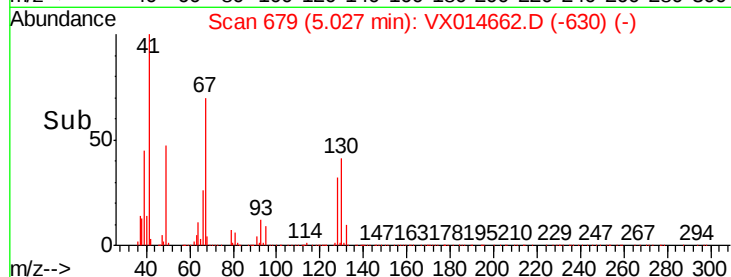
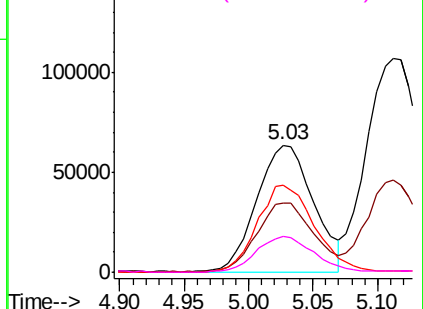
#41
Methacrylonitrile
Concen: 54.978 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	192910
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.6	65.4
67	70.7	57.9	86.9
52	28.0	23.0	34.6

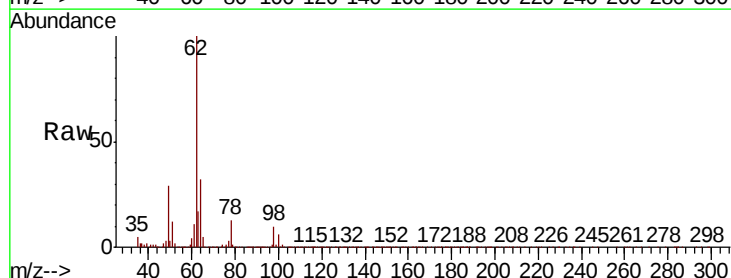


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

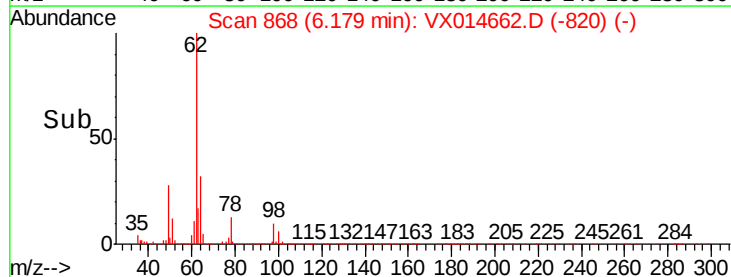
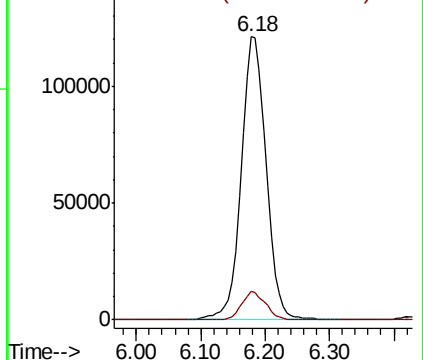


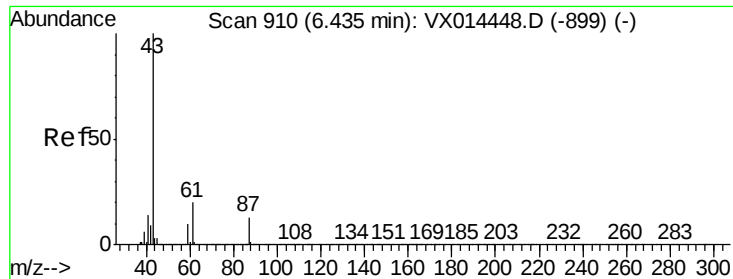
#42
1,2-Dichloroethane
Concen: 50.586 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion:	62	Resp:	317994
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4



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



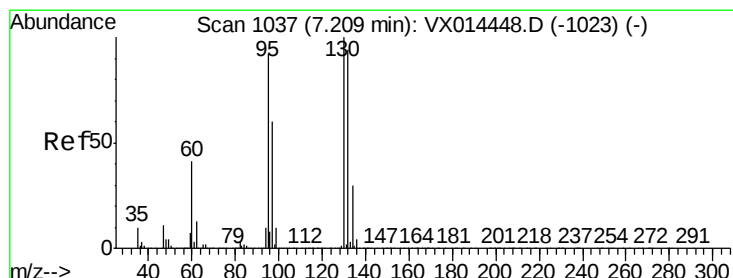
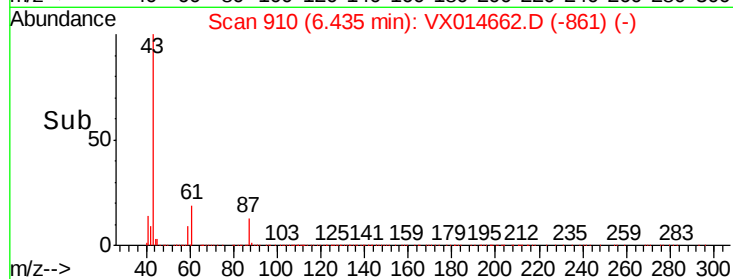
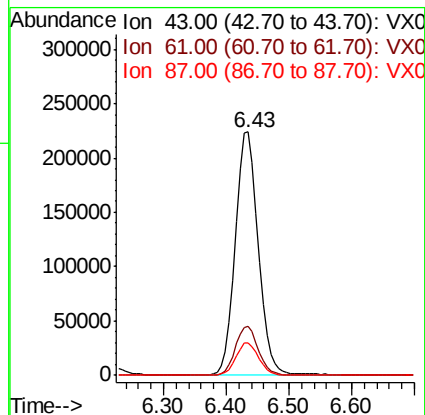
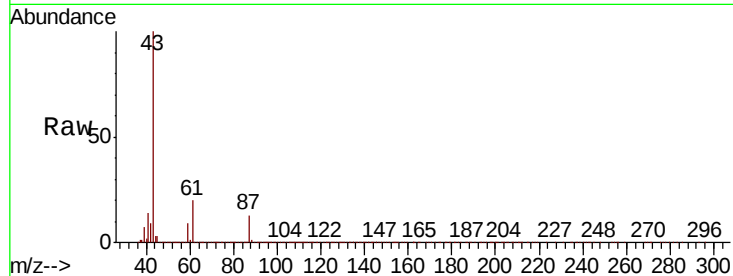


#43

Isopropyl Acetate
 Concen: 53.198 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :

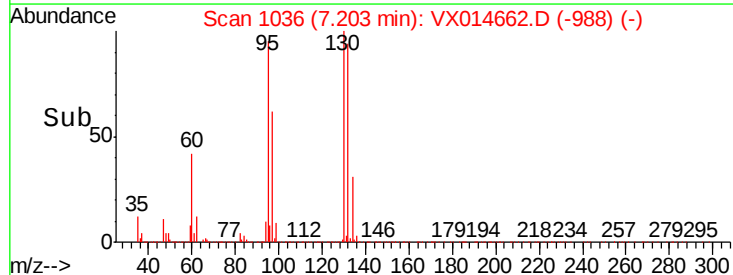
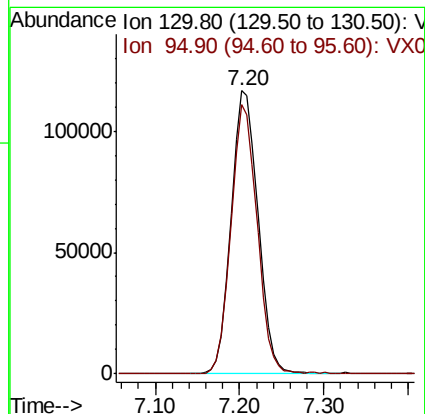
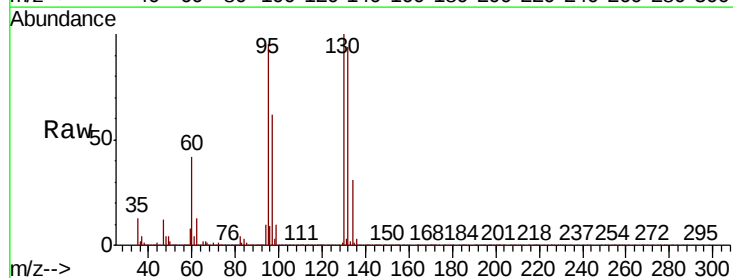
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.6	24.8
87	13.1	10.8	16.2

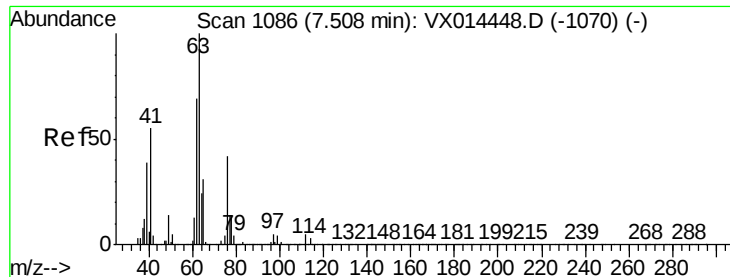


#44

Trichloroethene
 Concen: 48.885 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	184.2





#45

1,2-Dichloropropane

Concen: 52.407 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

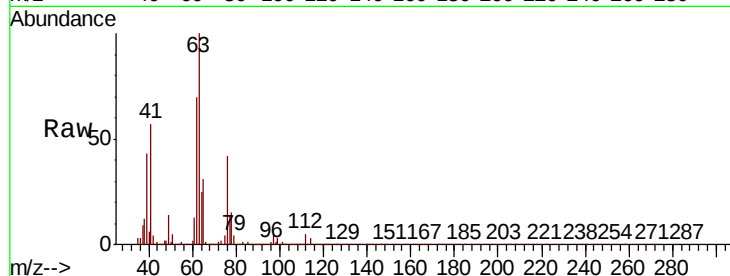
ClientSampleId :

Tot Ion: 63 Resp: 240219

Ion Ratio Lower Upper

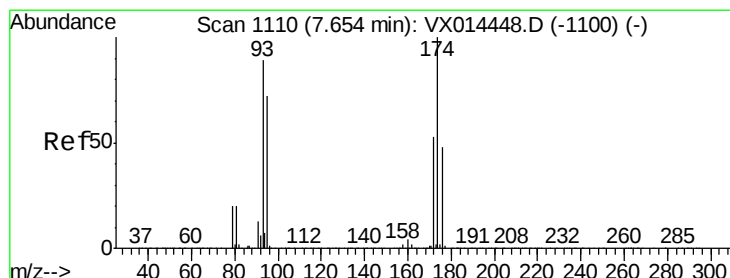
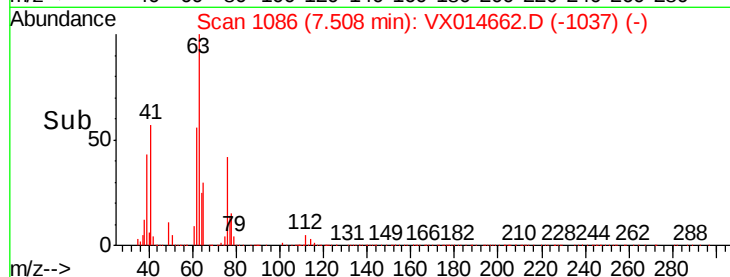
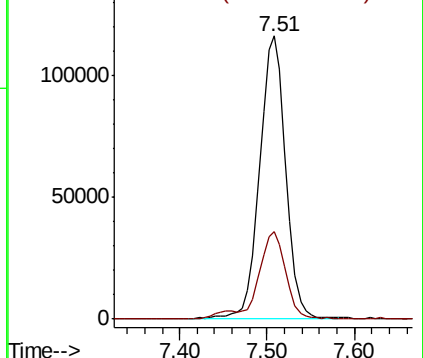
63 100

65 30.9 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: 48.990 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

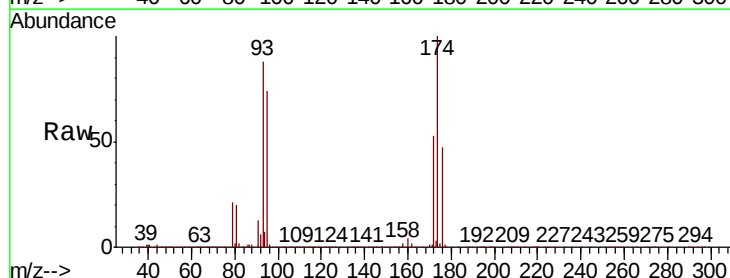
Tgt Ion: 93 Resp: 156733

Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.2

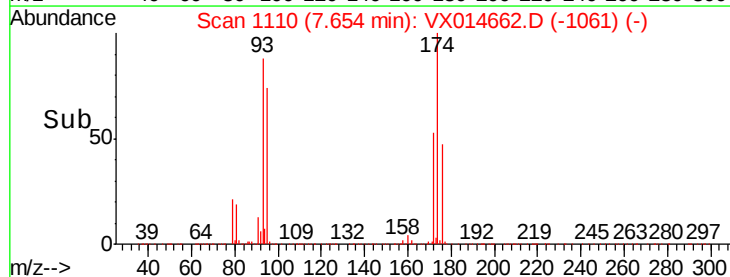
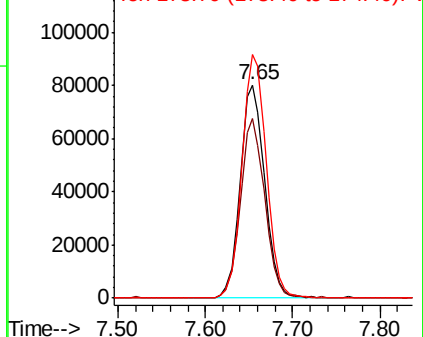
174 112.6 93.0 139.4

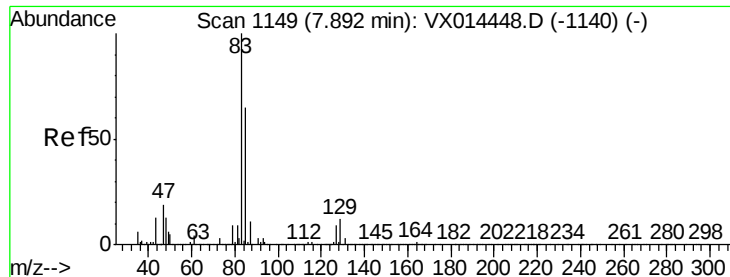


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.902 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

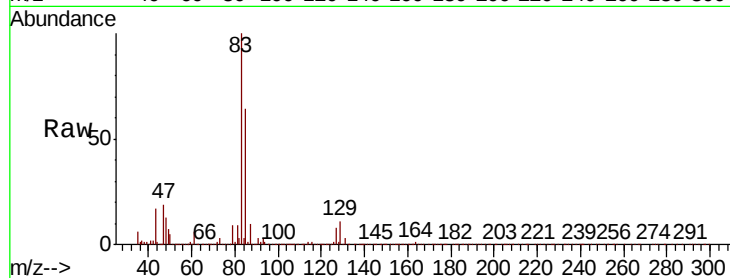
Tot Ion: 83 Resp: 307965

Ion Ratio Lower Upper

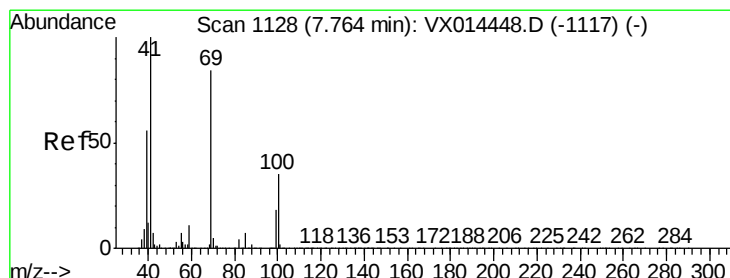
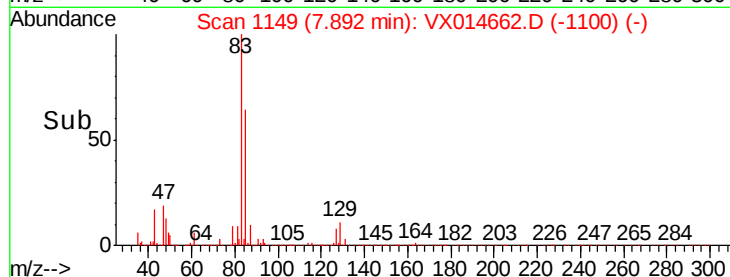
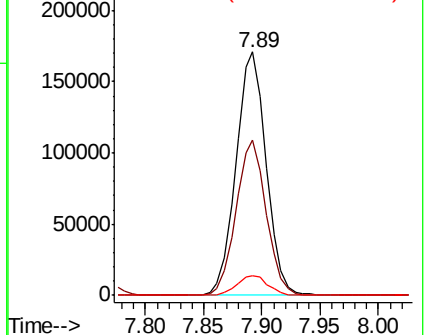
83 100

85 63.7 51.7 77.5

127 8.1 7.1 10.7



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



#48

Methyl methacrylate

Concen: 55.119 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

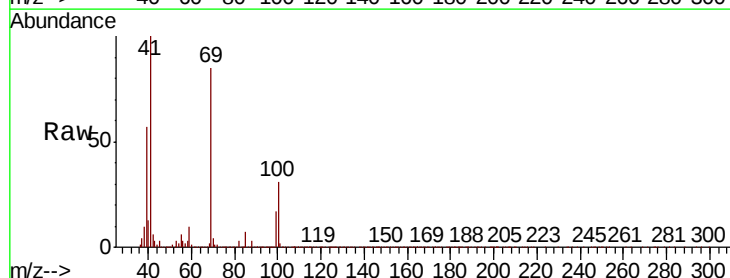
Tgt Ion: 41 Resp: 280600

Ion Ratio Lower Upper

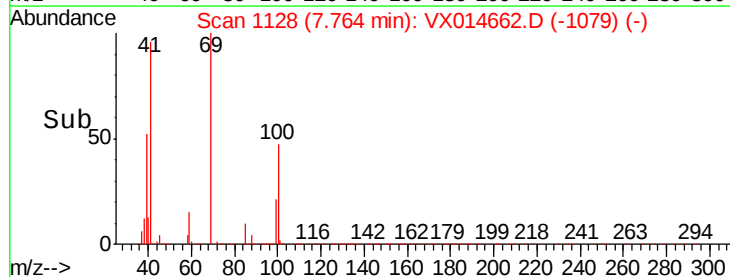
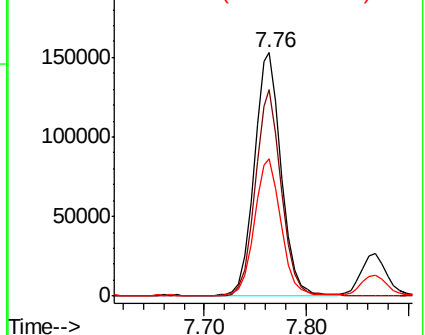
41 100

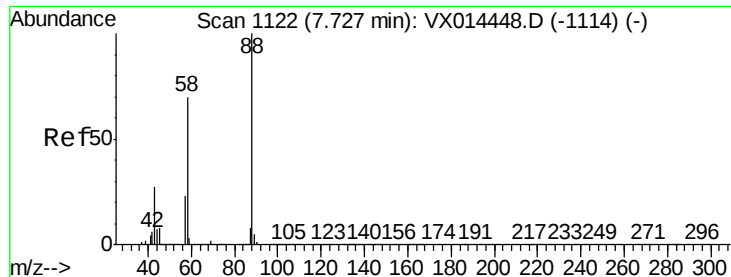
69 82.6 65.5 98.3

39 56.0 43.9 65.9



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





#49

1,4-Dioxane

Concen: 1102.449 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

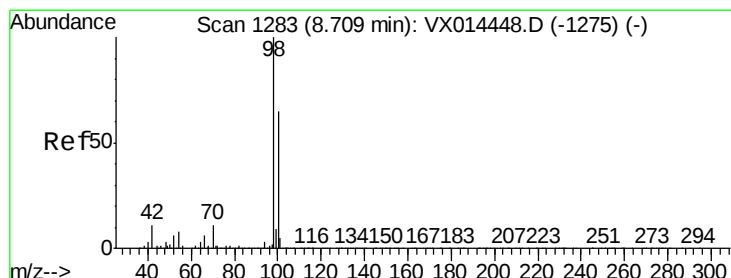
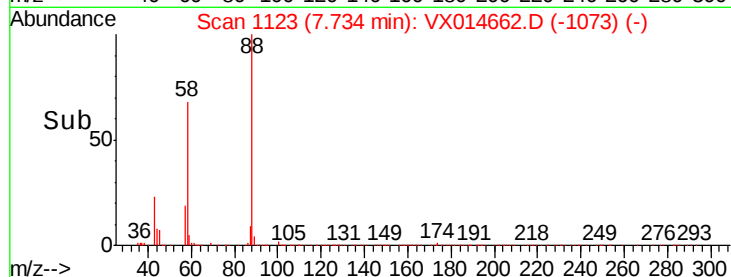
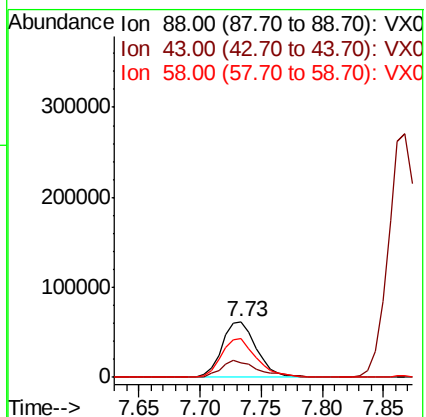
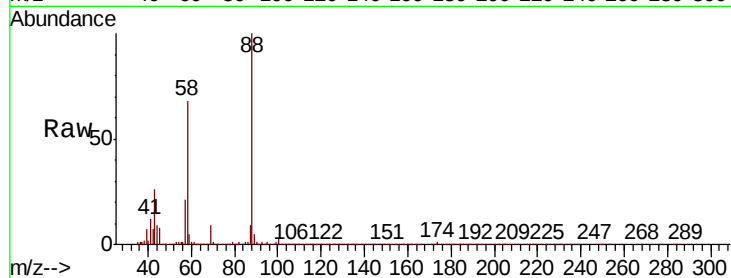
Tot Ion: 88 Resp: 118921

Ion Ratio Lower Upper

88 100

43 32.9 27.4 41.0

58 71.6 57.1 85.7



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014662.D

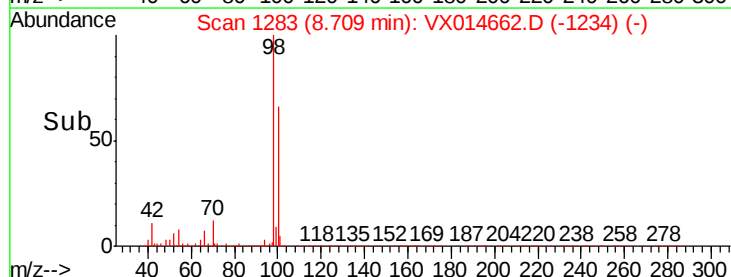
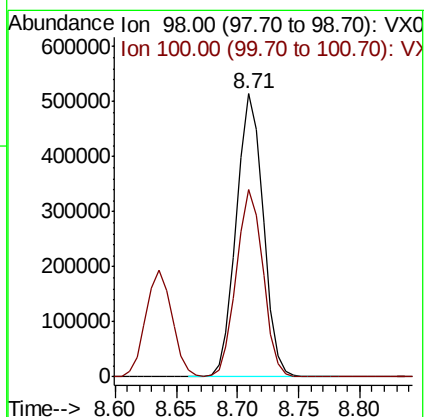
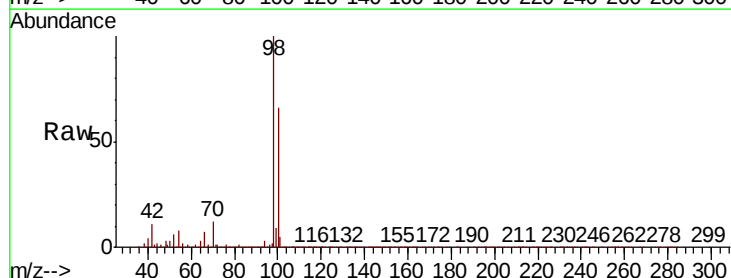
Acq: 17 Jan 2020 18:04

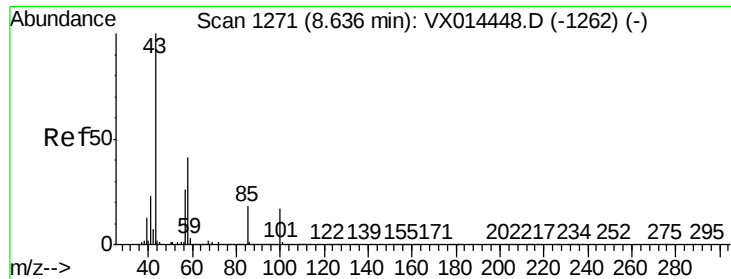
Tgt Ion: 98 Resp: 781339

Ion Ratio Lower Upper

98 100

100 65.9 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 280.328 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

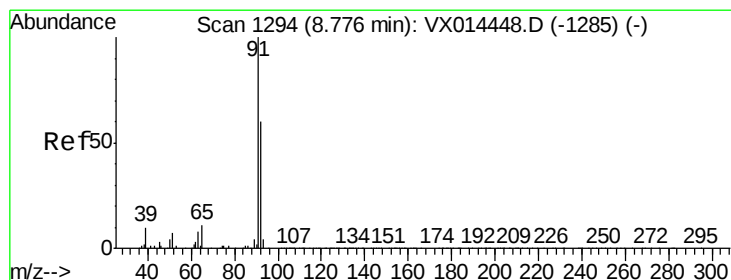
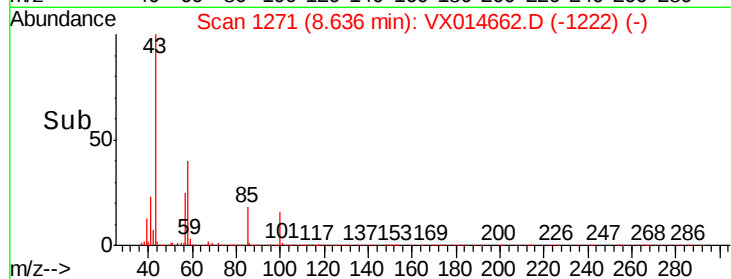
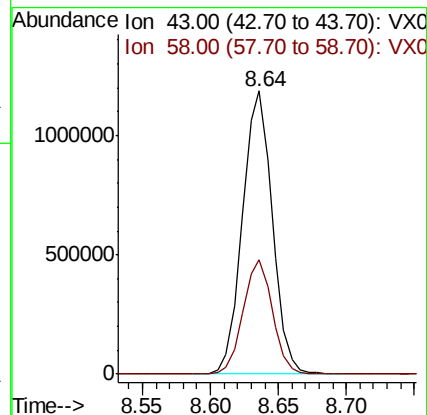
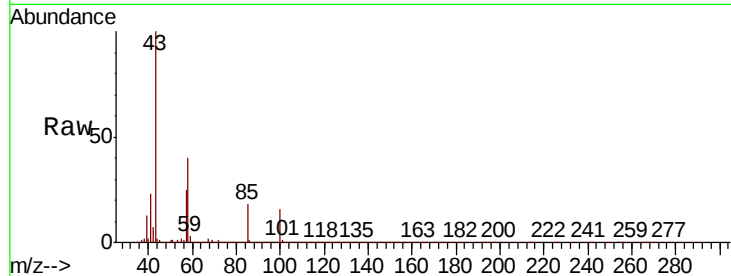
ClientSampleId :

Tot Ion: 43 Resp: 1815730

Ion Ratio Lower Upper

43 100

58 39.8 32.4 48.6



#52

Toluene

Concen: 50.065 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014662.D

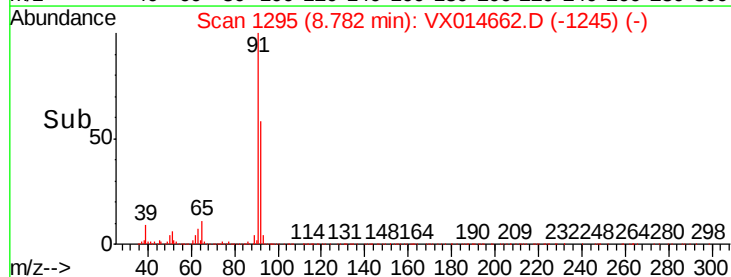
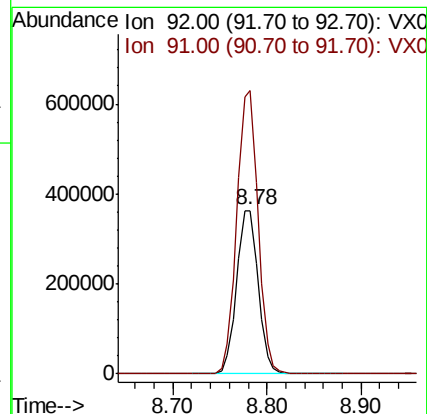
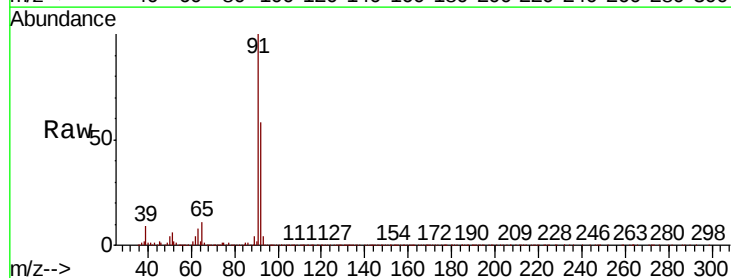
Acq: 17 Jan 2020 18:04

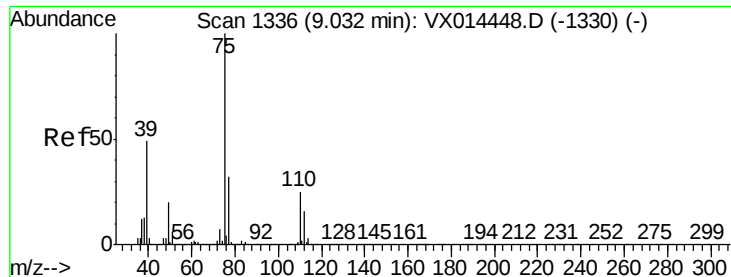
Tgt Ion: 92 Resp: 576196

Ion Ratio Lower Upper

92 100

91 171.1 135.7 203.5

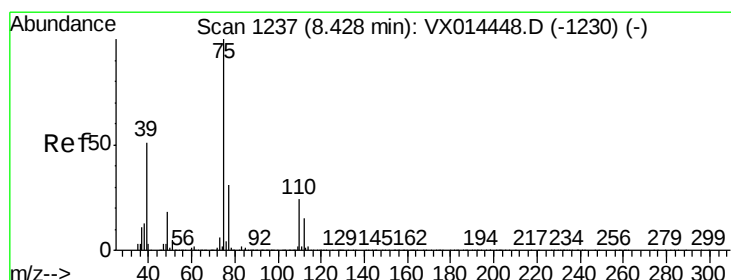
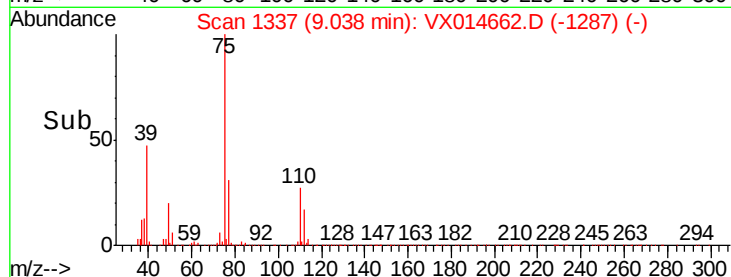
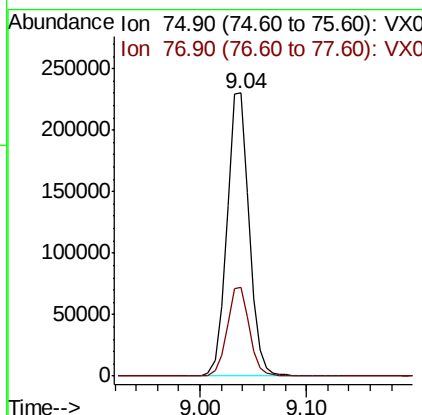
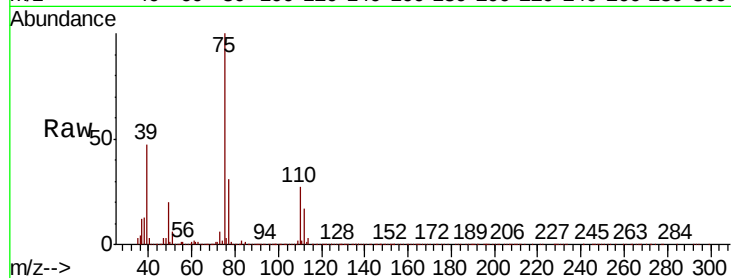




#53
 t-1,3-Dichloropropene
 Concen: 49.467 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

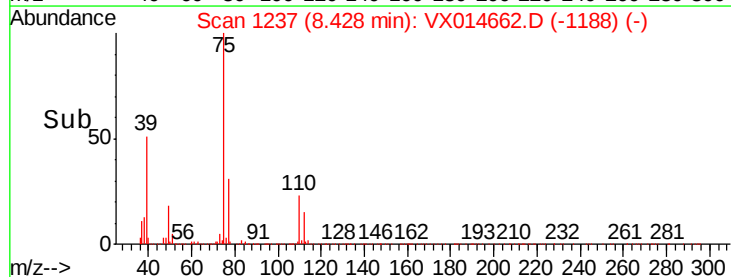
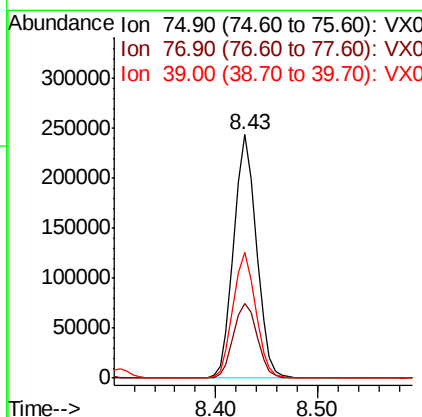
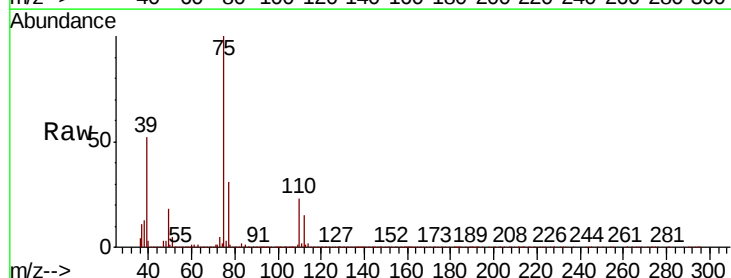
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 335259
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.230 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion: 75 Resp: 375068
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4
 39 51.5 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 51.688 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 238939

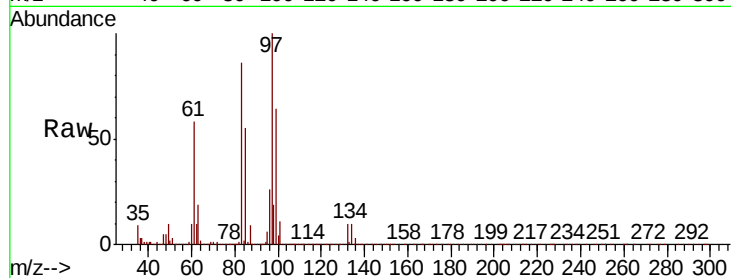
Ion Ratio Lower Upper

97 100

83 85.7 66.4 99.6

85 55.2 43.4 65.2

99 63.7 49.6 74.4

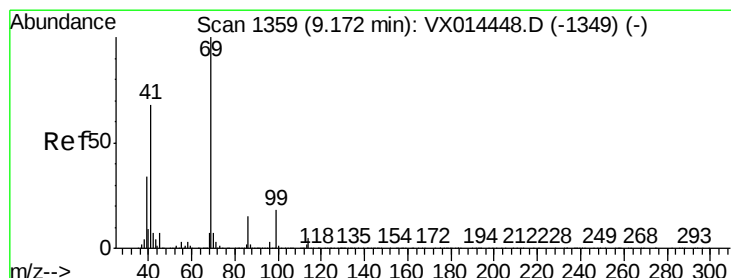
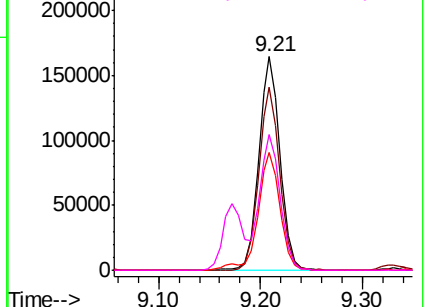
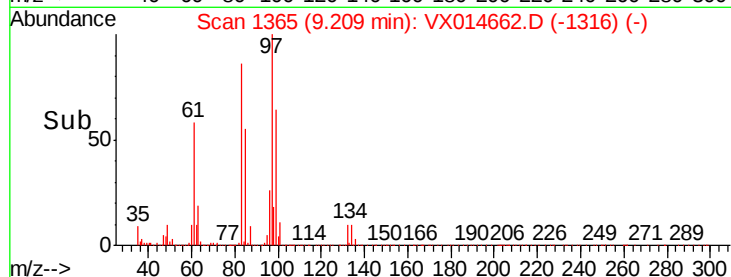


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.964 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

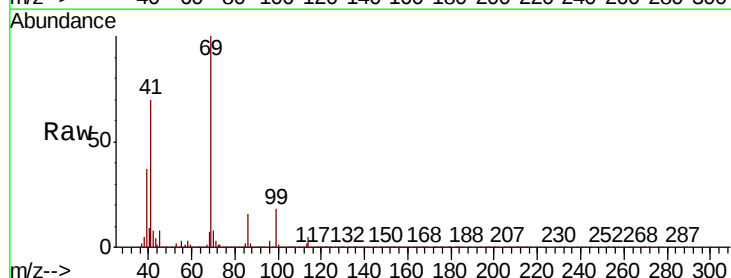
Tgt Ion: 69 Resp: 375106

Ion Ratio Lower Upper

69 100

41 69.3 54.2 81.2

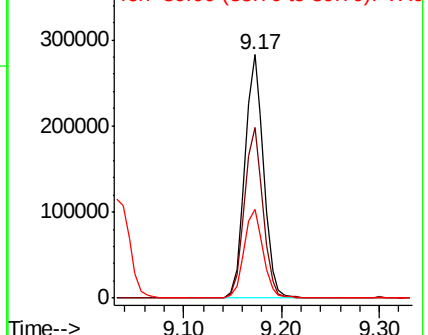
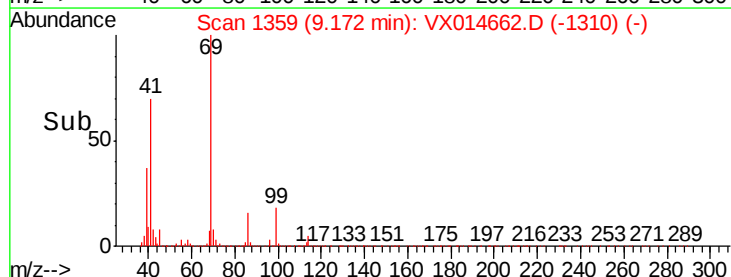
39 36.7 28.2 42.2

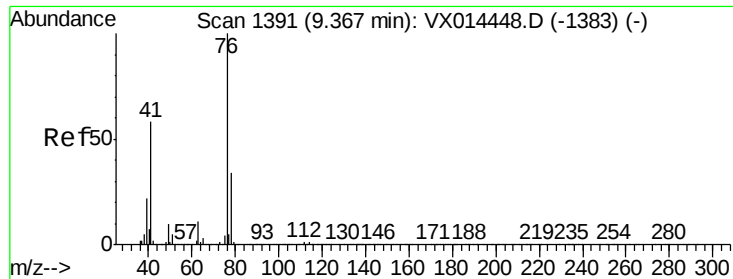


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.913 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

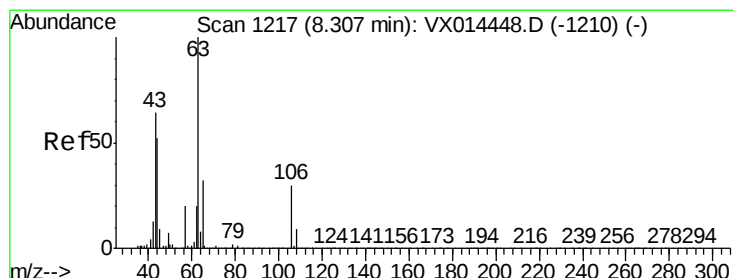
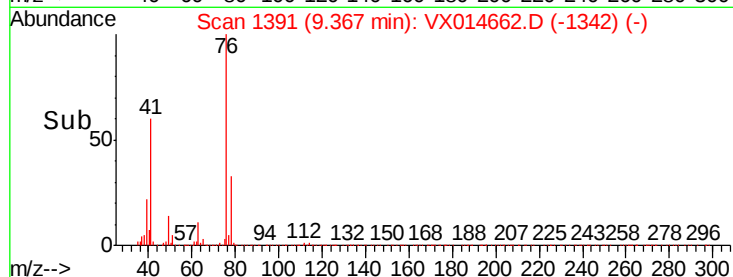
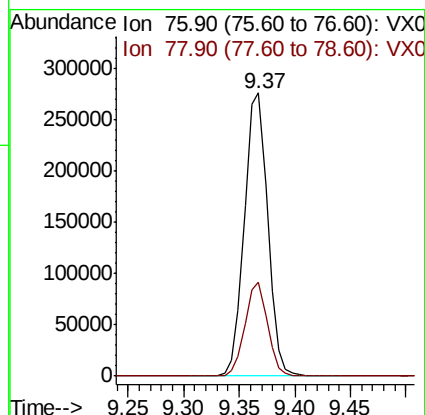
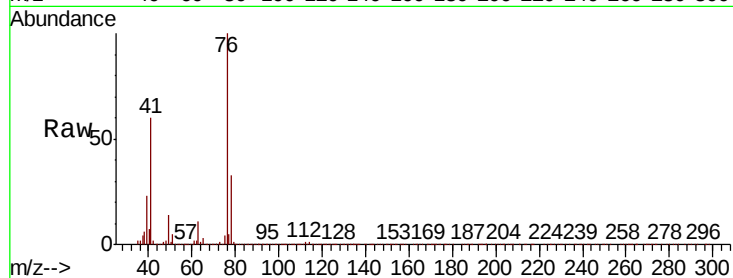
ClientSampleId :

Tot Ion: 76 Resp: 401246

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 271.061 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014662.D

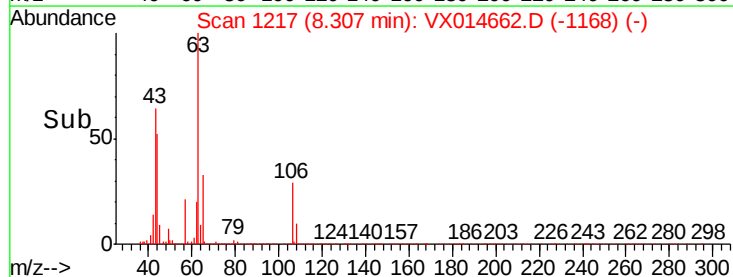
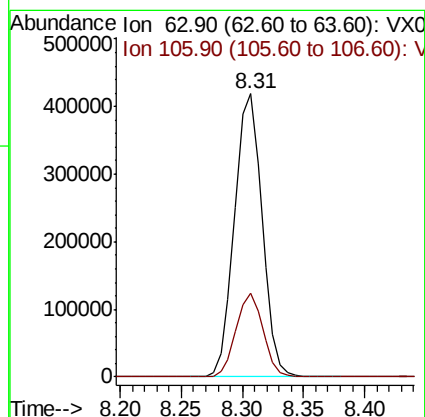
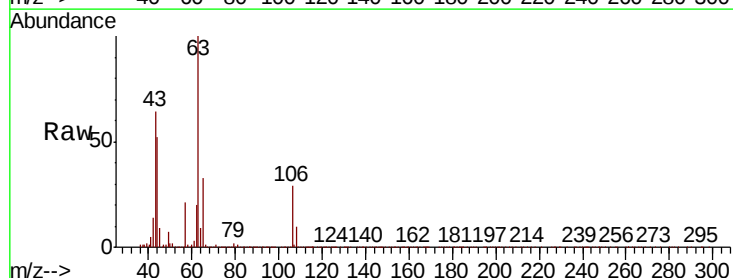
Acq: 17 Jan 2020 18:04

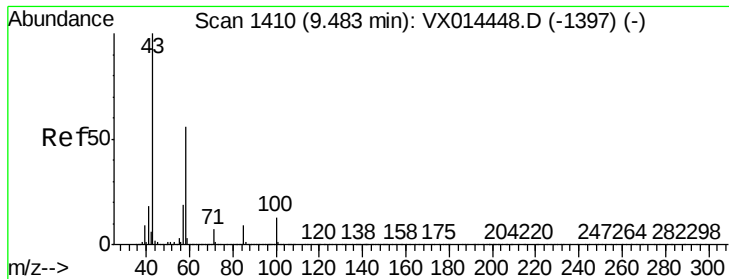
Tgt Ion: 63 Resp: 653156

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4

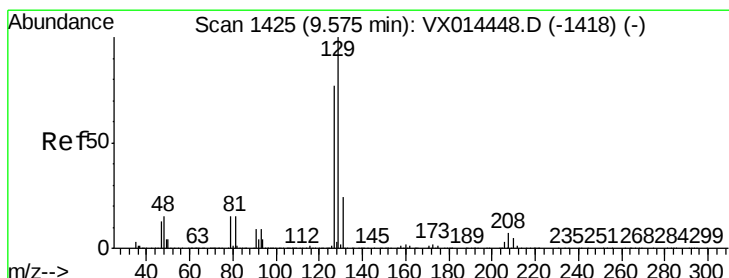
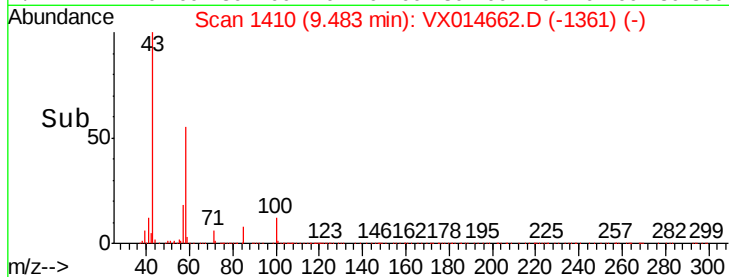
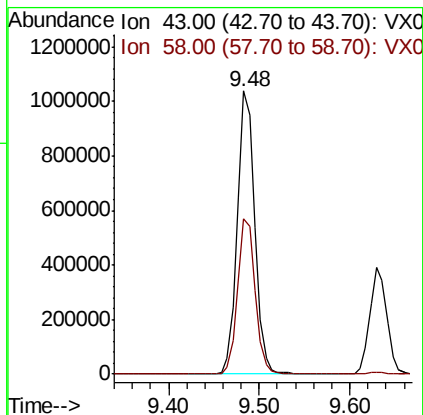
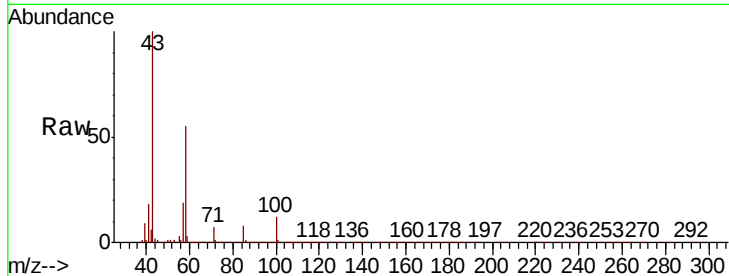




#59
2-Hexanone
Concen: 270.867 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

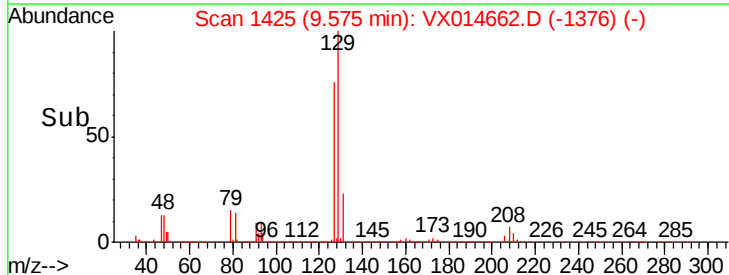
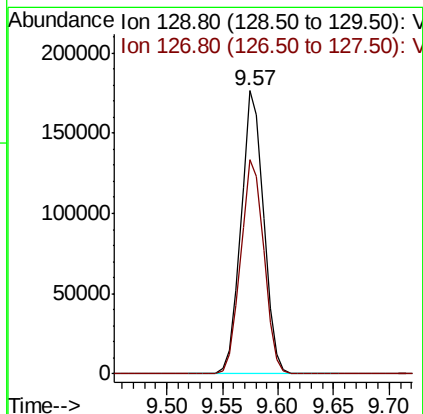
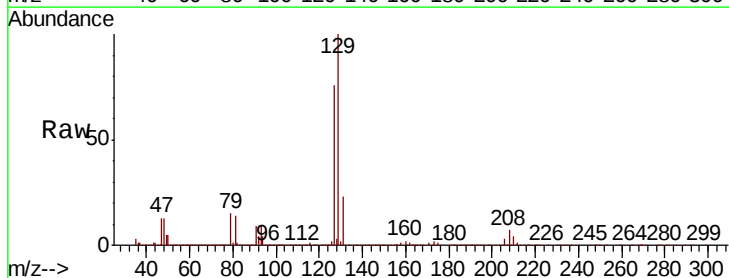
Instrument :
MSVOA_X
ClientSampled :

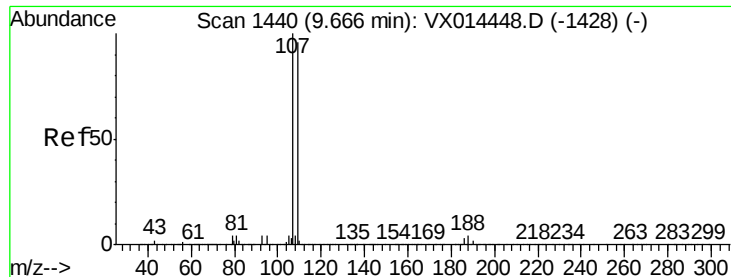
Tot Ion: 43 Resp: 1388198
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7



#60
Dibromochloromethane
Concen: 53.413 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 129 Resp: 248179
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.189 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

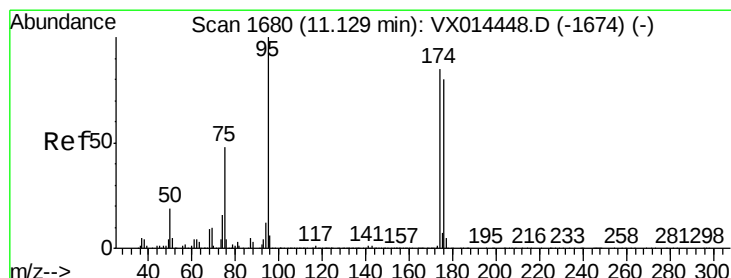
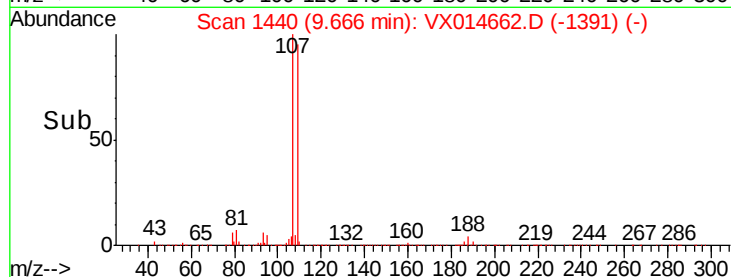
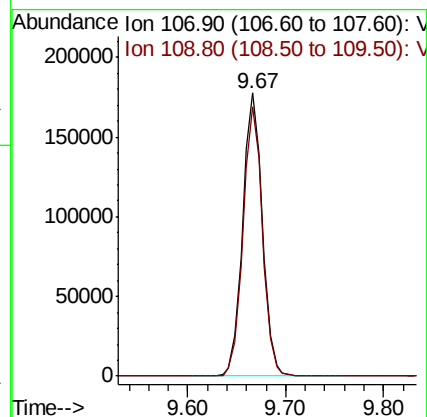
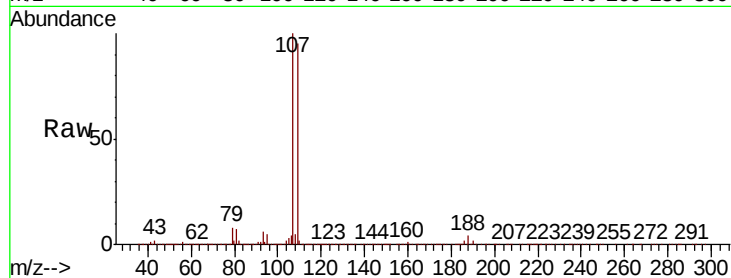
ClientSampleId :

Tot Ion:107 Resp: 245764

Ion Ratio Lower Upper

107 100

109 94.8 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 50.315 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

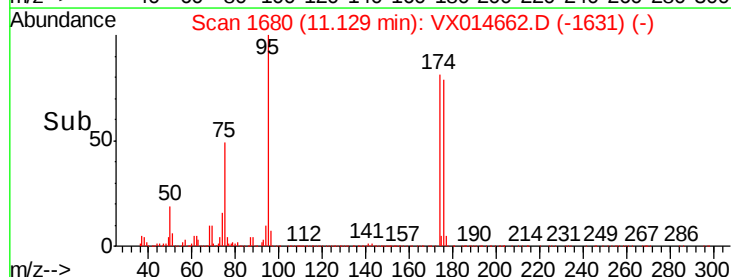
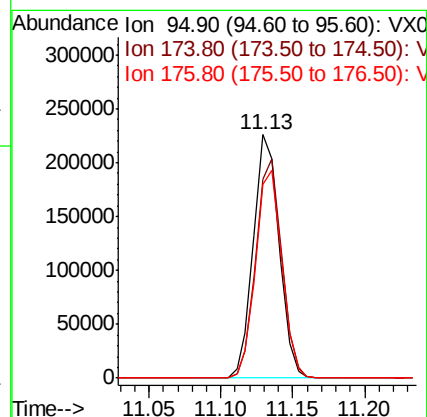
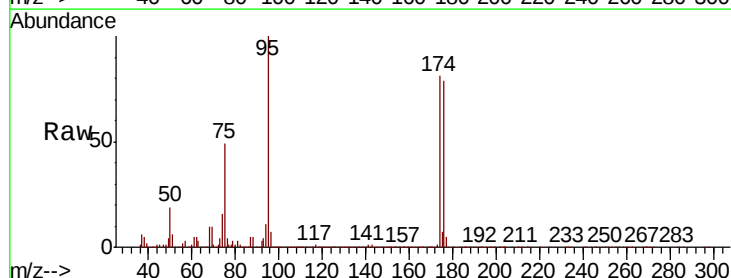
Tgt Ion: 95 Resp: 279507

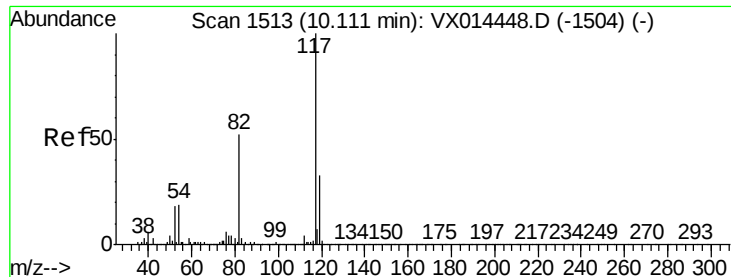
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.8

176 86.7 0.0 172.8

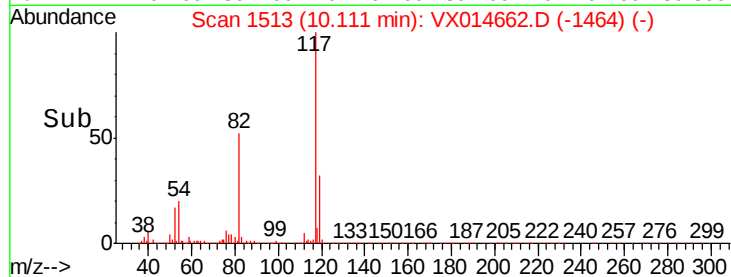
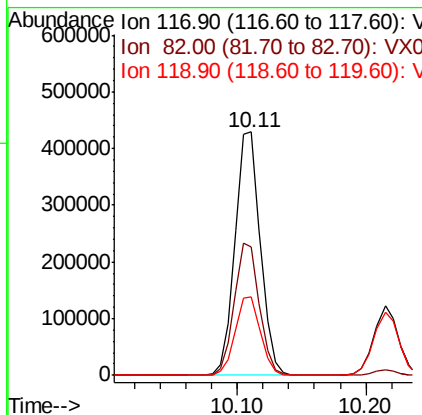
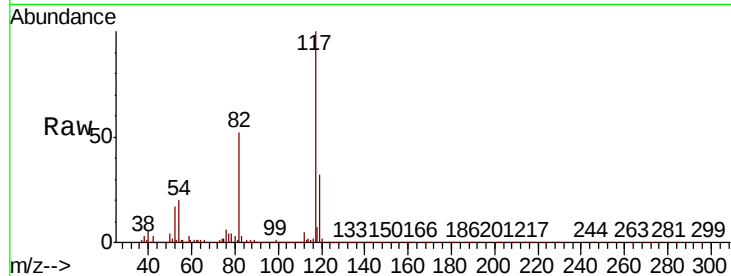




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

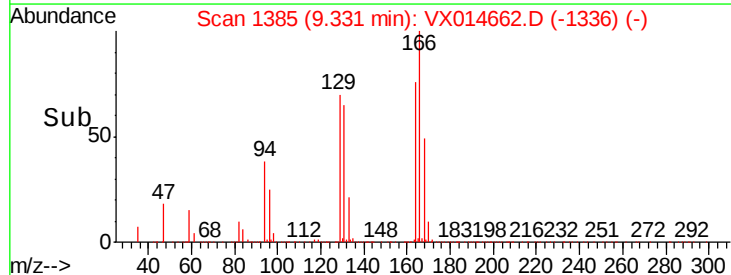
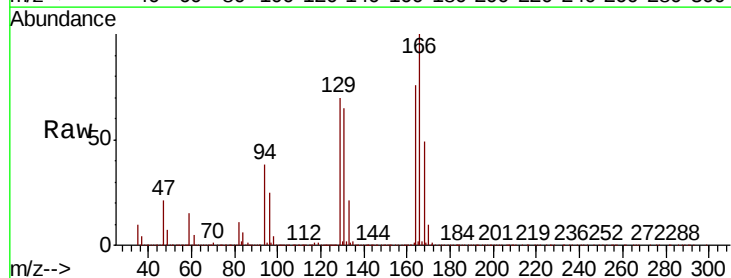
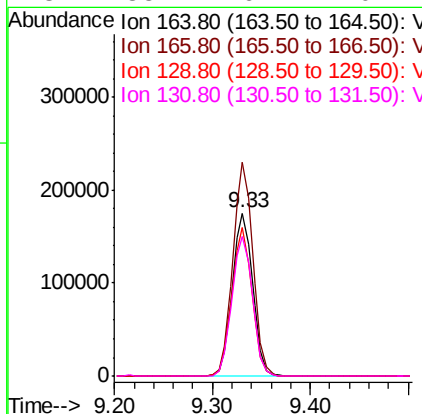
Instrument :
MSVOA_X
ClientSampled :

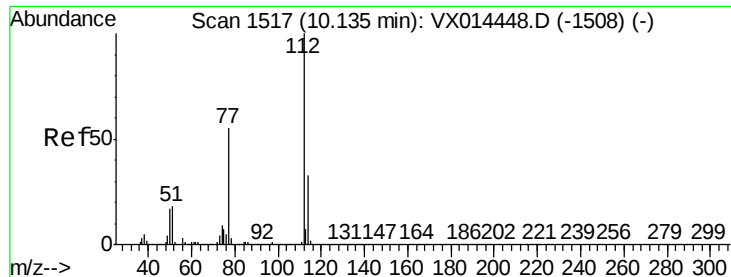
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.6
119	32.3	26.2	39.4



#64
Tetrachloroethene
Concen: 42.754 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.2	151.8
129	91.4	68.3	102.5
131	85.4	67.4	101.2

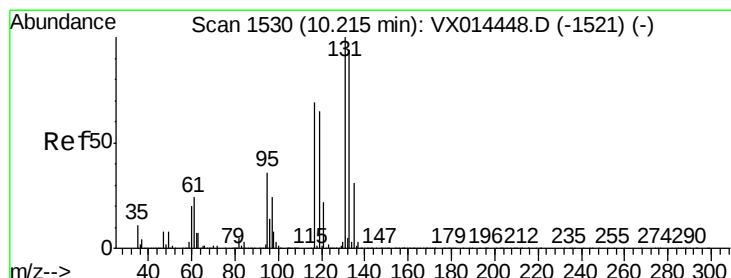
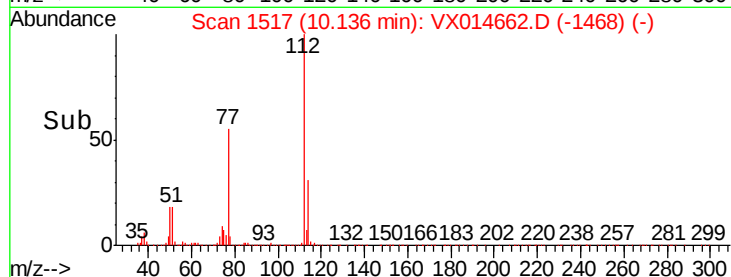
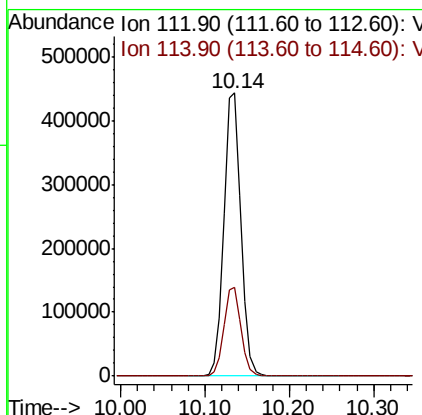
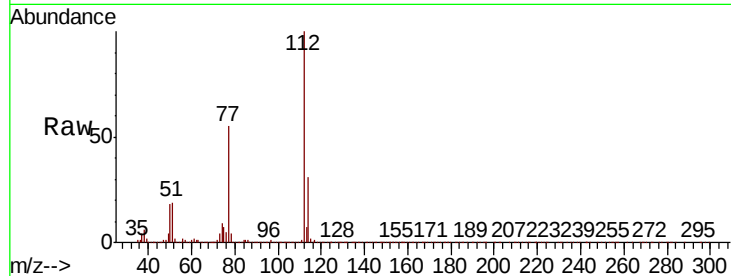




#65
Chlorobenzene
Concen: 48.431 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

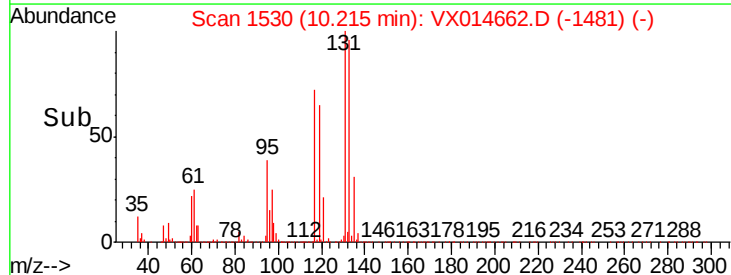
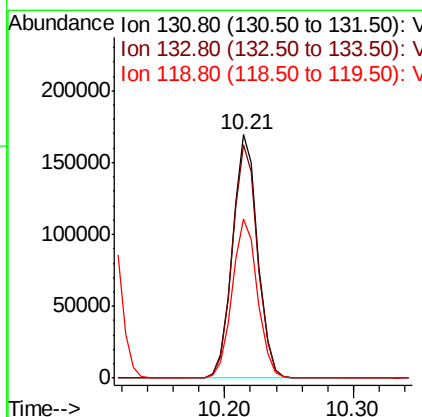
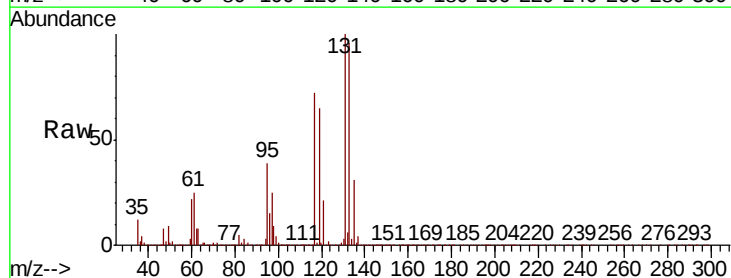
Instrument :
MSVOA_X
ClientSampleId :

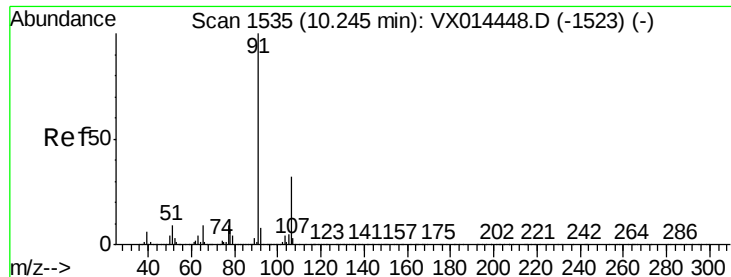
Tot Ion:112 Resp: 618865
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.219 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion:131 Resp: 229010
Ion Ratio Lower Upper
131 100
133 96.7 47.3 142.0
119 66.0 32.8 98.4





#67

Ethyl Benzene

Concen: 50.708 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

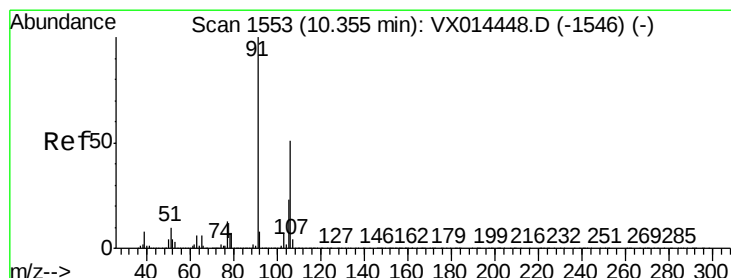
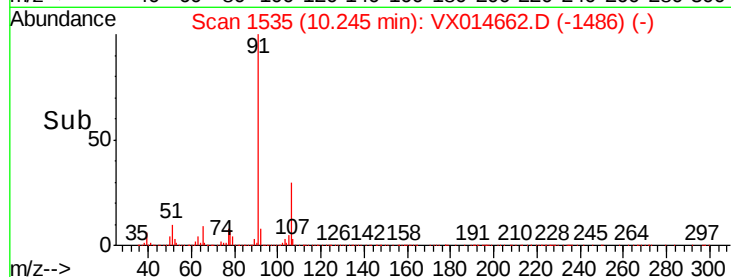
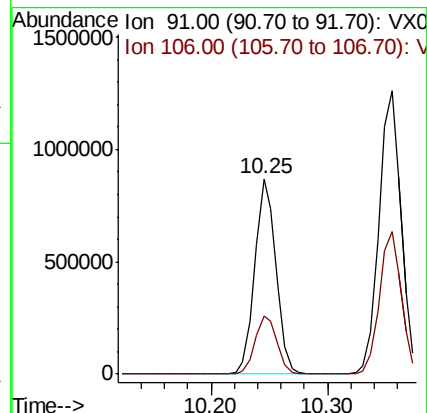
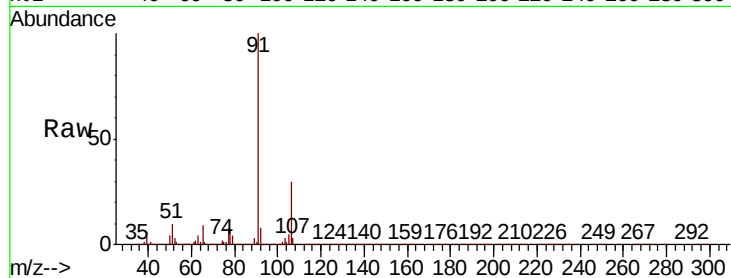
ClientSampleId :

Tot Ion: 91 Resp: 1104437

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 99.506 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014662.D

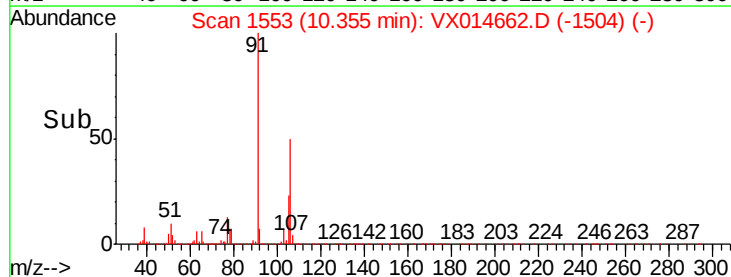
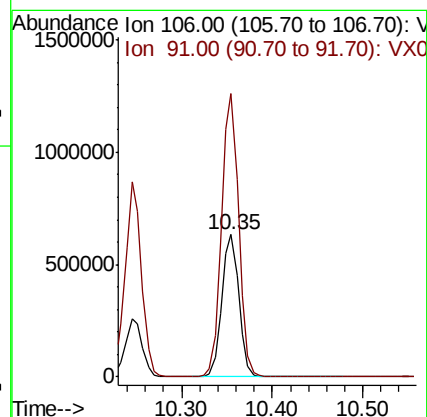
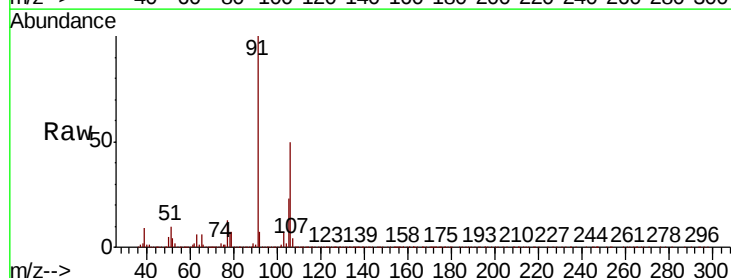
Acq: 17 Jan 2020 18:04

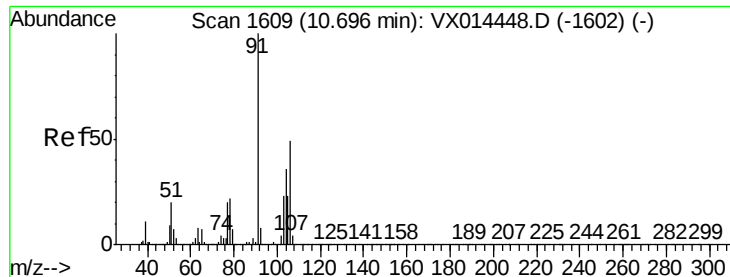
Tgt Ion: 106 Resp: 836117

Ion Ratio Lower Upper

106 100

91 199.1 157.4 236.0

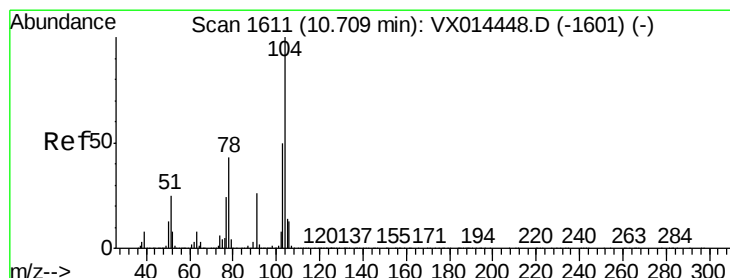
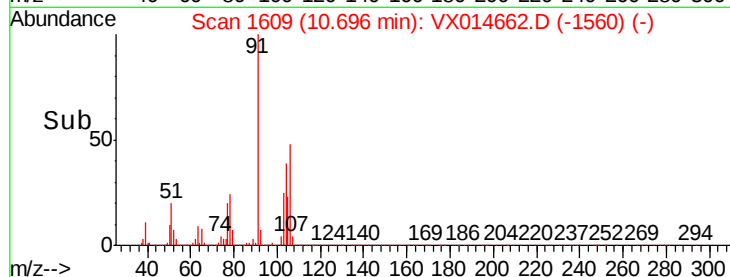
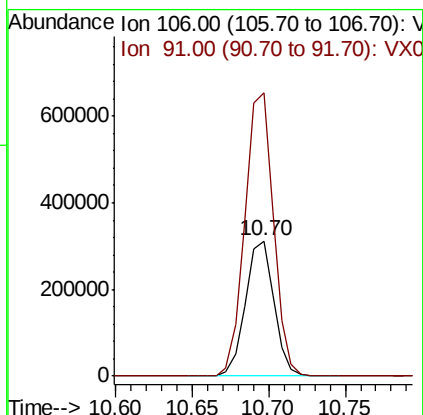
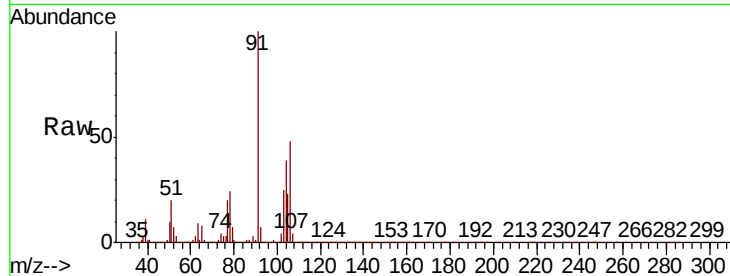




#69
o-Xylene
Concen: 50.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

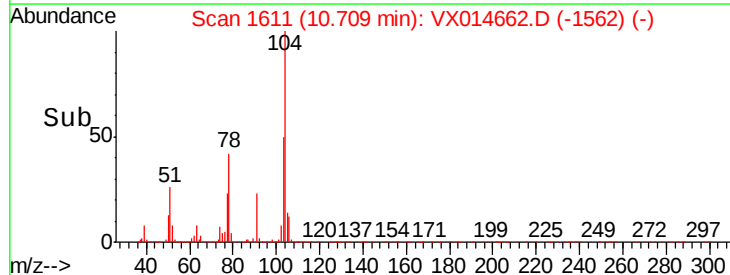
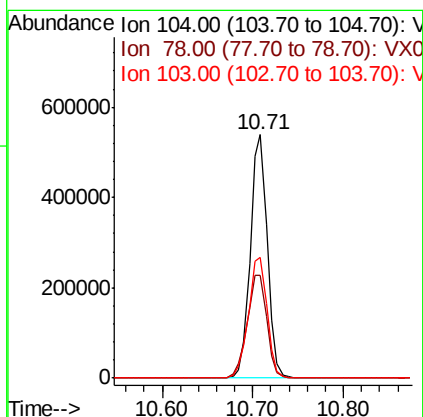
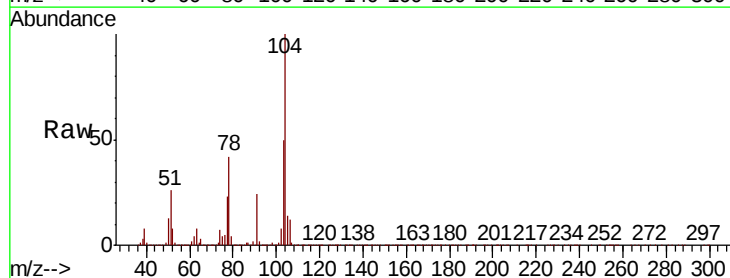
Instrument :
MSVOA_X
ClientSampled :

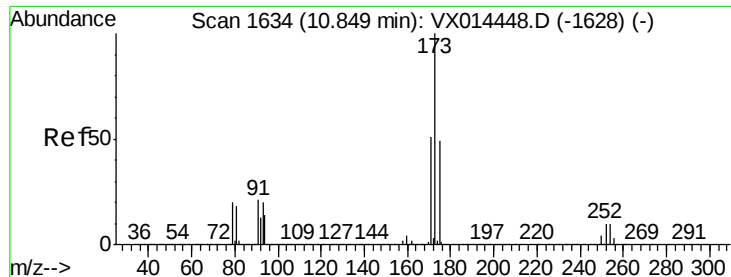
Tot Ion:106 Resp: 403150
Ion Ratio Lower Upper
106 100
91 210.8 105.1 315.1



#70
Styrene
Concen: 50.362 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion:104 Resp: 696786
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 54.9 43.7 65.5





#71

Bromoform

Concen: 50.432 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

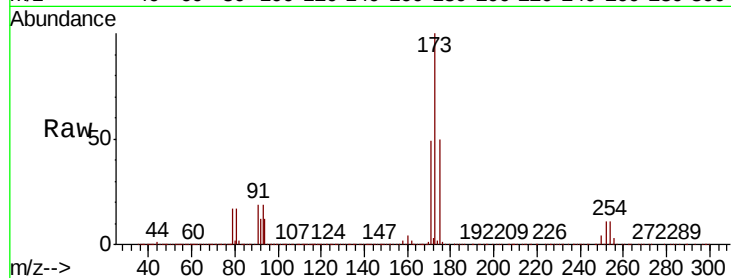
Tot Ion:173 Resp: 188165

Ion Ratio Lower Upper

173 100

175 50.5 24.3 72.8

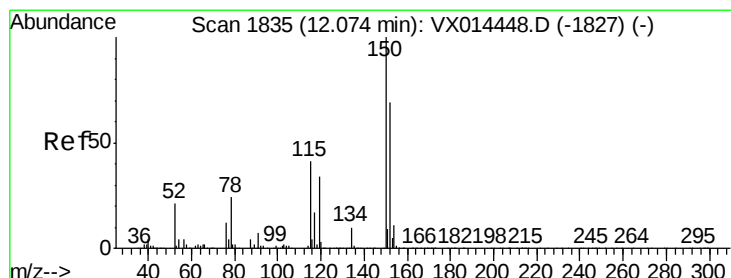
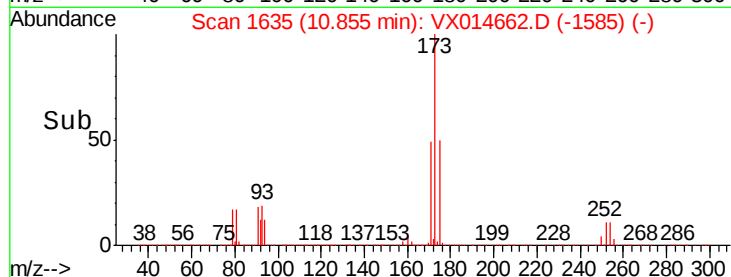
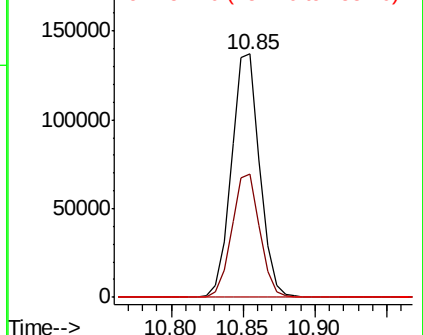
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

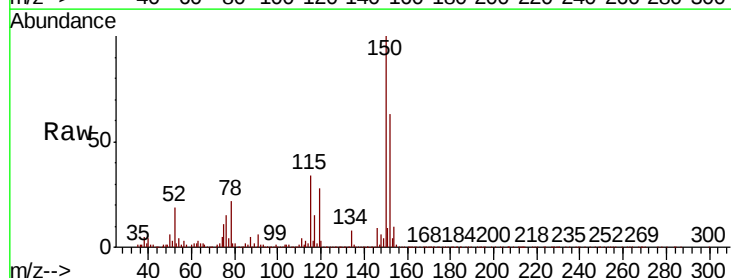
Tgt Ion:152 Resp: 299638

Ion Ratio Lower Upper

152 100

115 77.6 39.5 118.3

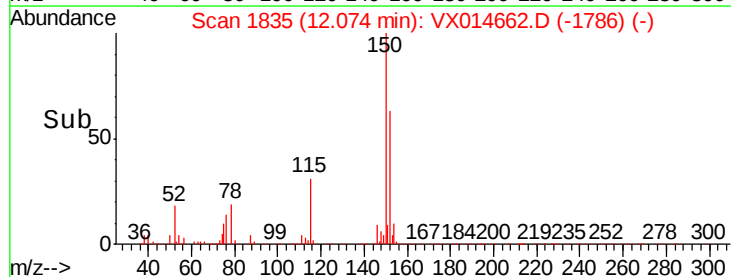
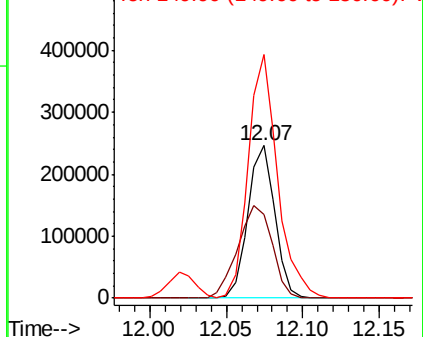
150 174.0 0.0 350.2

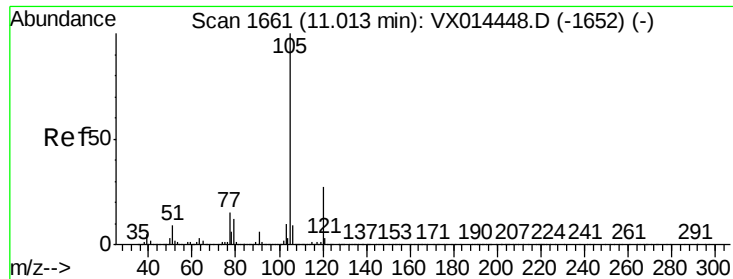


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.279 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

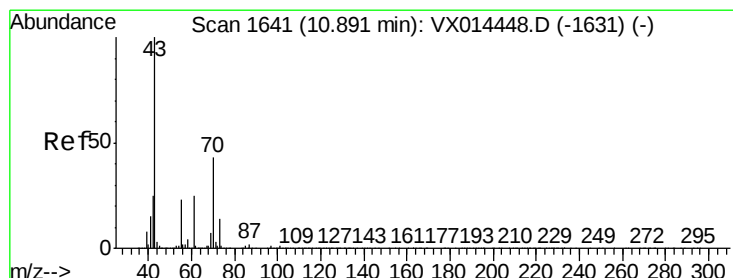
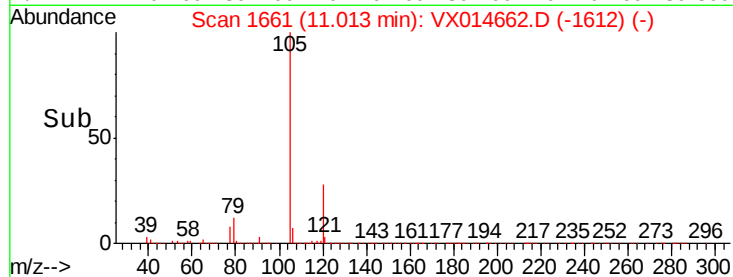
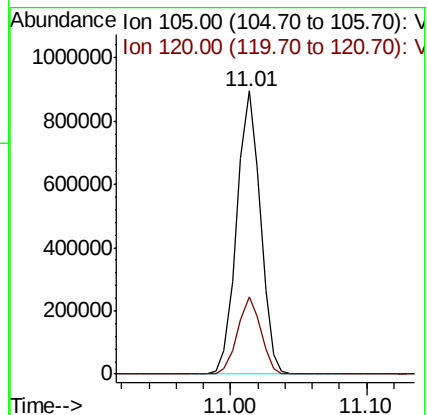
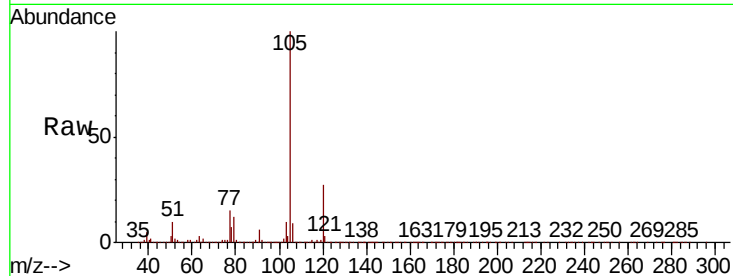
ClientSampleId :

Tot Ion:105 Resp: 1078958

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 53.087 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Tgt Ion: 43 Resp: 492806

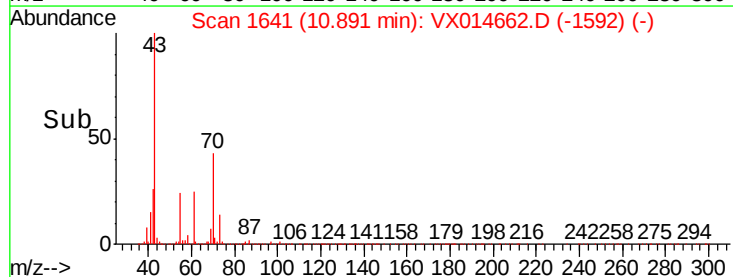
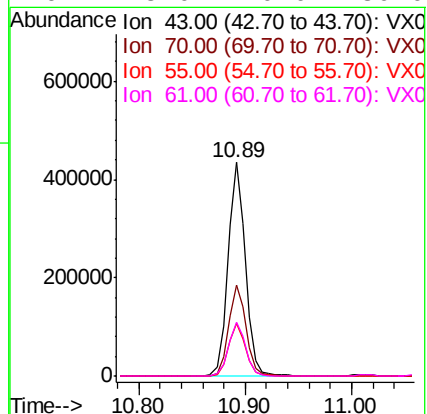
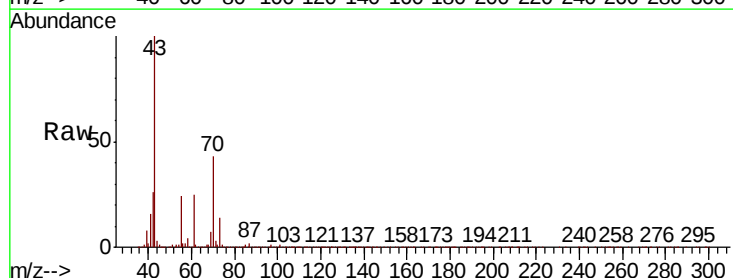
Ion Ratio Lower Upper

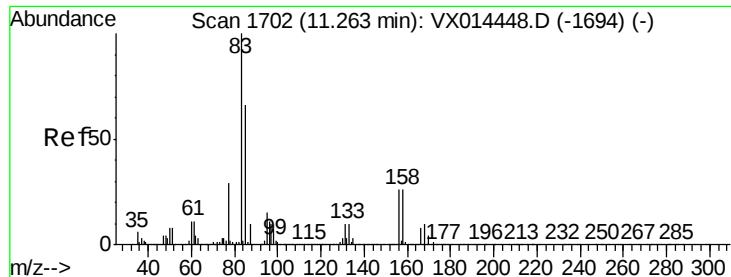
43 100

70 43.0 35.1 52.7

55 24.3 19.3 28.9

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.535 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

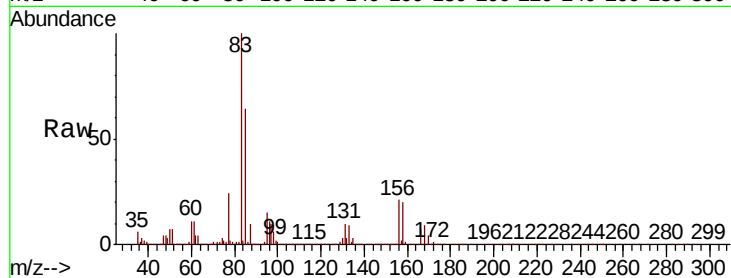
Tot Ion: 83 Resp: 361241

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

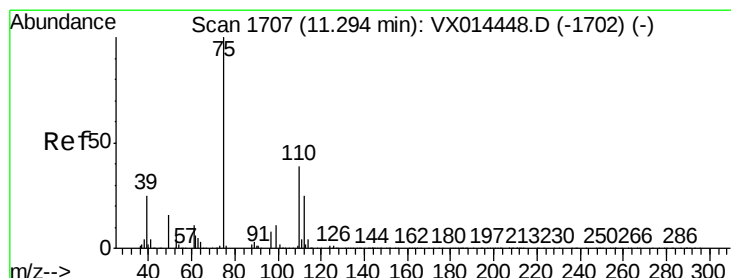
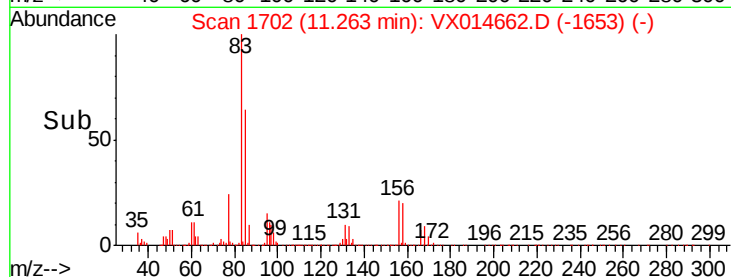
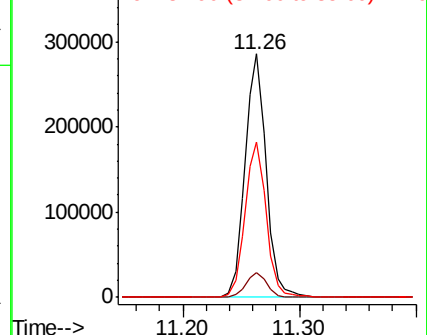
85 64.6 32.5 97.4



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: 67.834 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014662.D

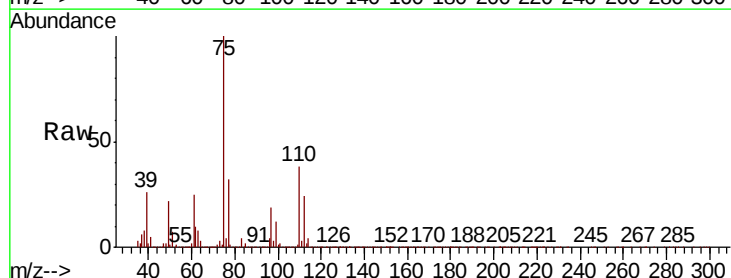
Acq: 17 Jan 2020 18:04

Tgt Ion: 75 Resp: 420542

Ion Ratio Lower Upper

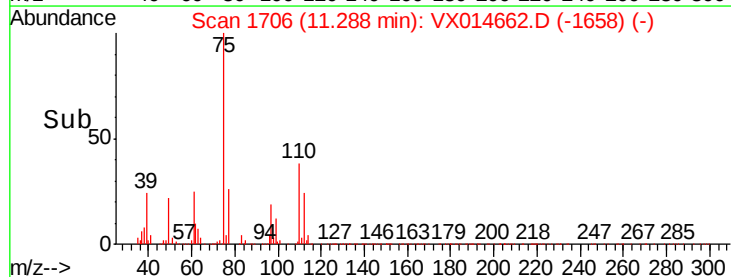
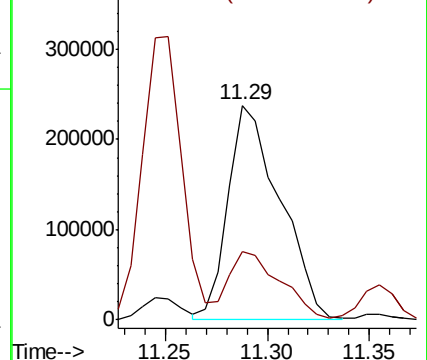
75 100

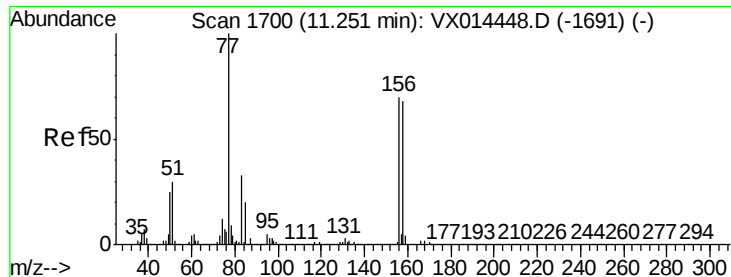
77 32.3 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.798 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

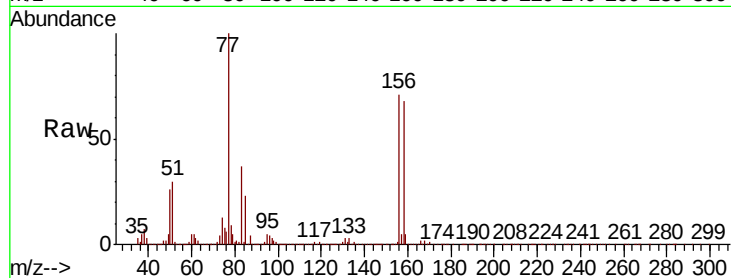
Tot Ion:156 Resp: 278908

Ion Ratio Lower Upper

156 100

77 151.3 75.4 226.3

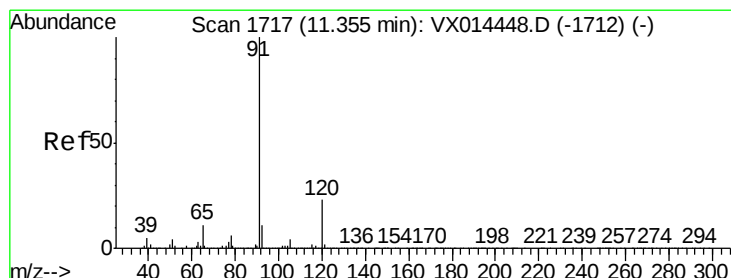
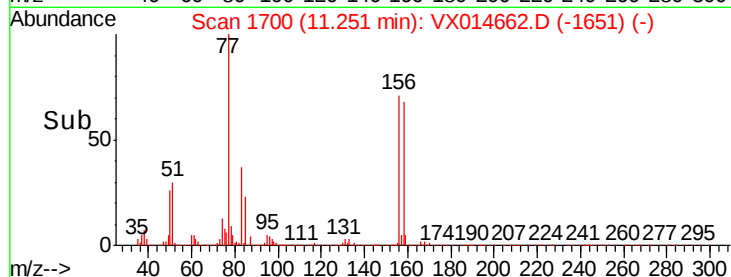
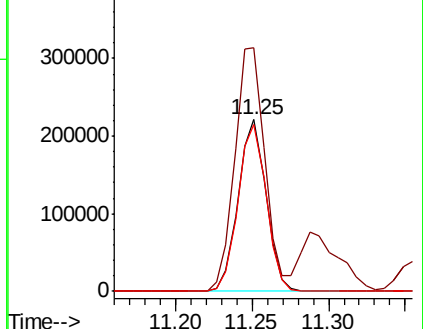
158 98.0 48.8 146.3



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: 51.045 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014662.D

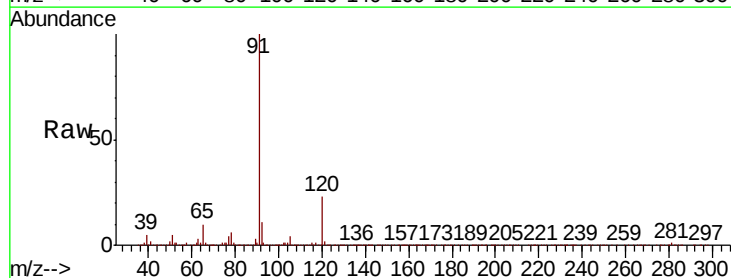
Acq: 17 Jan 2020 18:04

Tgt Ion: 91 Resp: 1230043

Ion Ratio Lower Upper

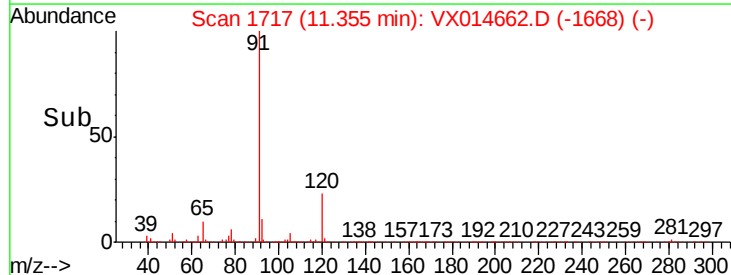
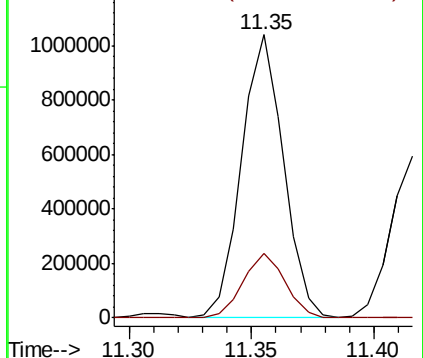
91 100

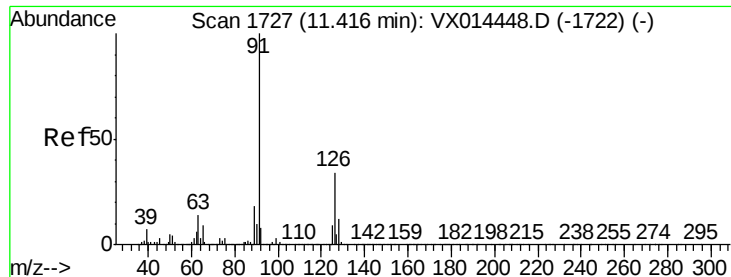
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

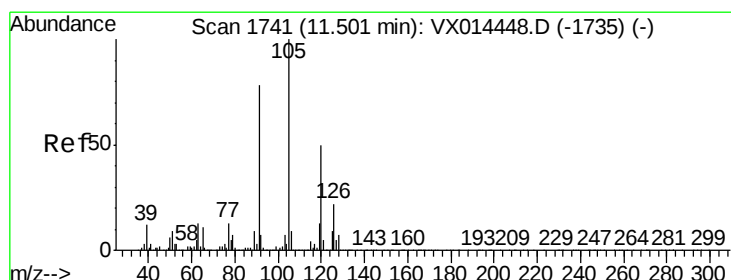
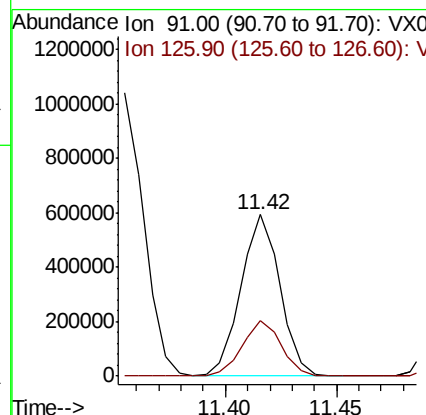
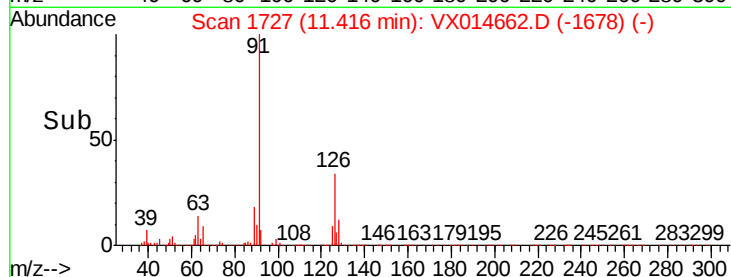
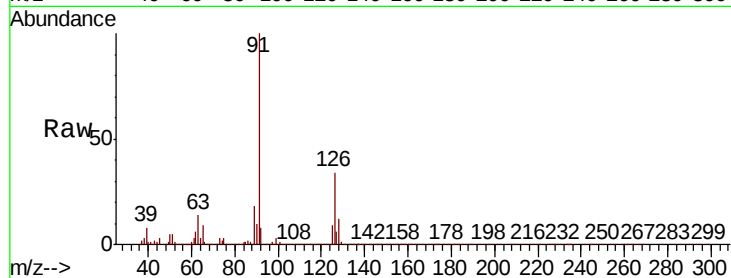




#79
 2-Chlorotoluene
 Concen: 50.458 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

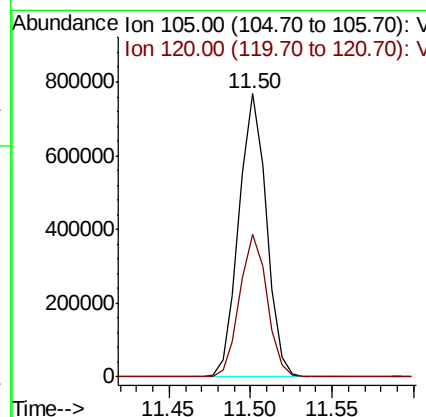
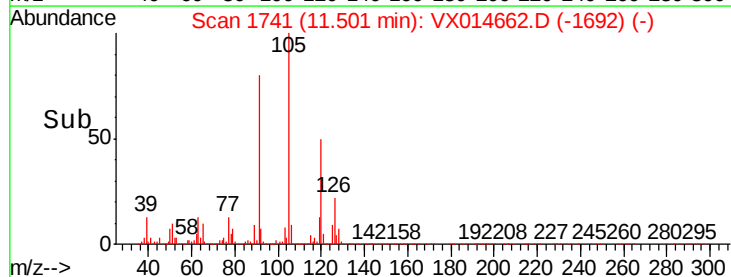
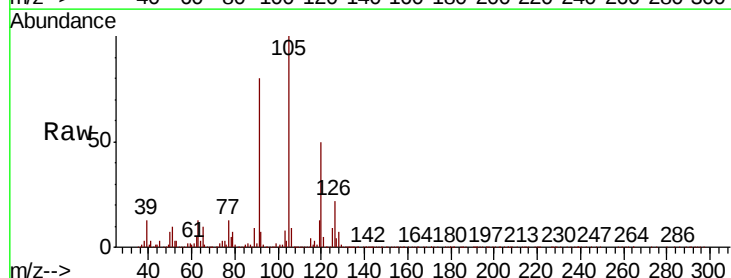
Instrument :
 MSVOA_X
 ClientSampleId :

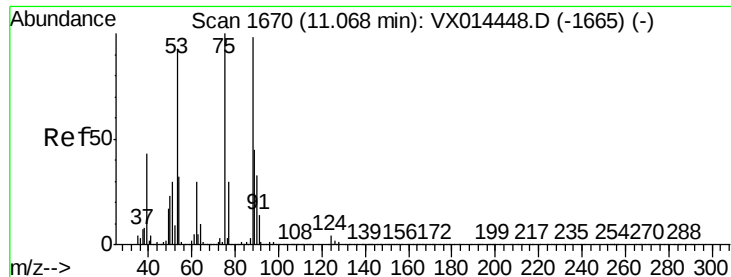
Tot Ion: 91 Resp: 724671
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.626 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion: 105 Resp: 901865
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.624 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

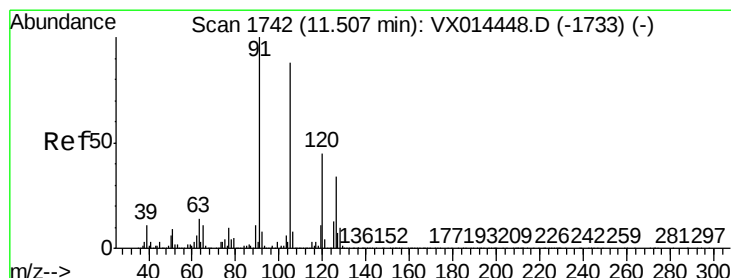
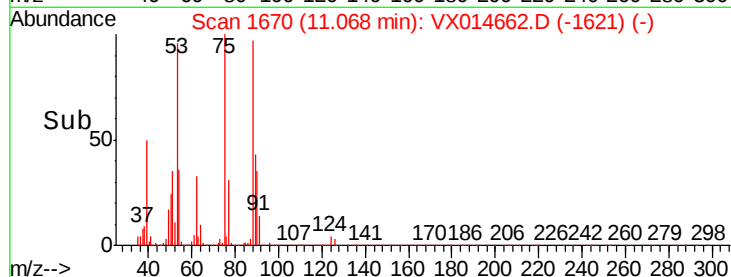
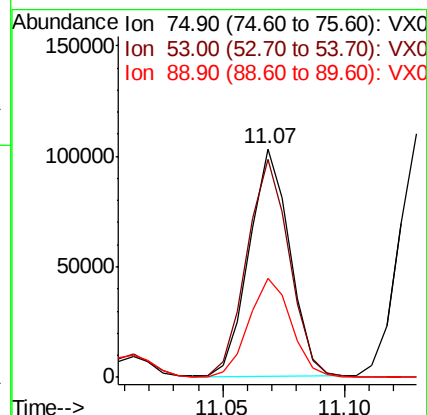
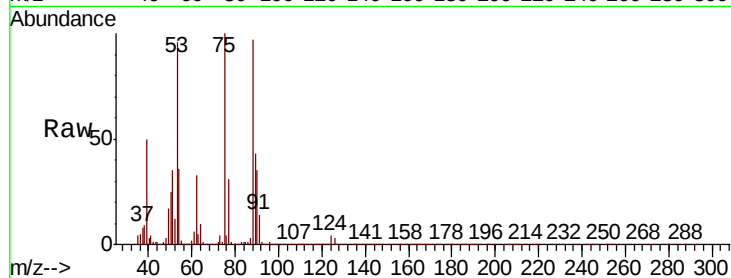
Tot Ion: 75 Resp: 118711

Ion Ratio Lower Upper

75 100

53 100.6 74.8 112.2

89 45.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 49.587 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014662.D

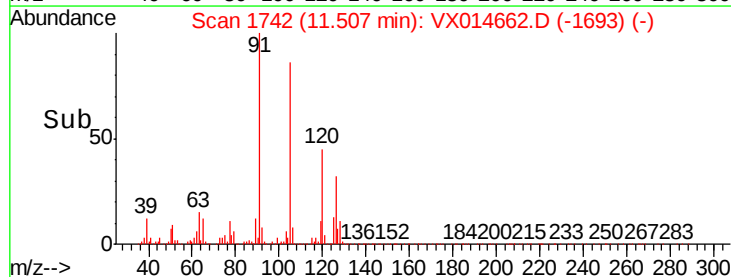
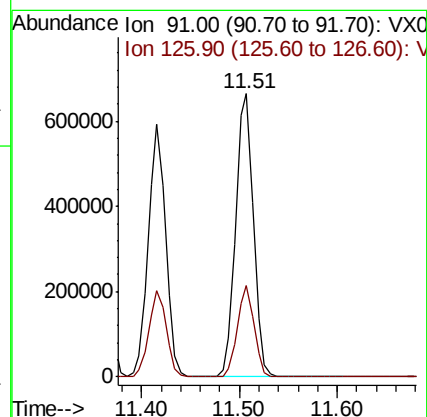
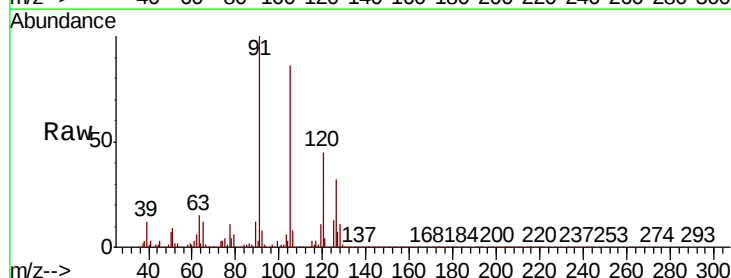
Acq: 17 Jan 2020 18:04

Tgt Ion: 91 Resp: 835930

Ion Ratio Lower Upper

91 100

126 30.4 15.9 47.7

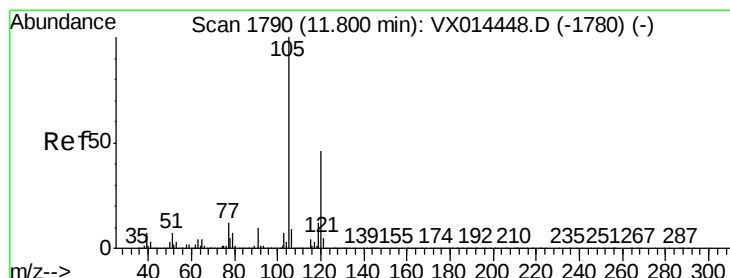
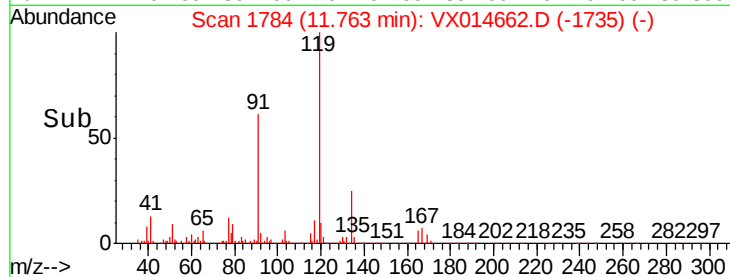
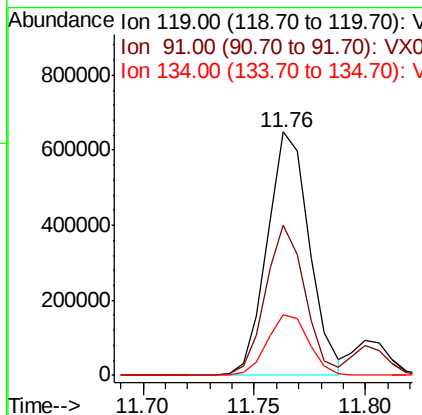
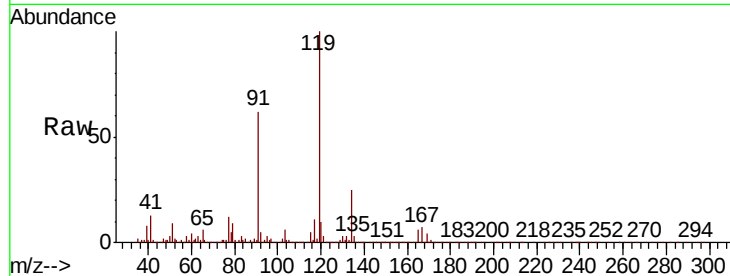




#83
 tert-Butylbenzene
 Concen: 51.467 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

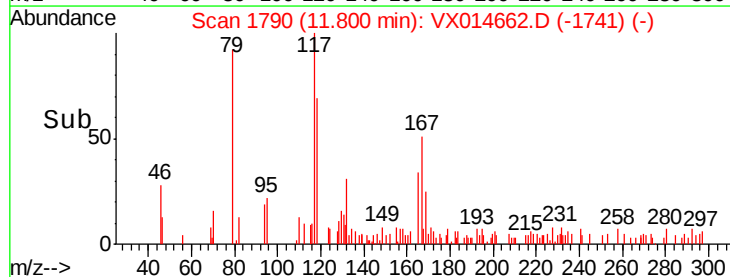
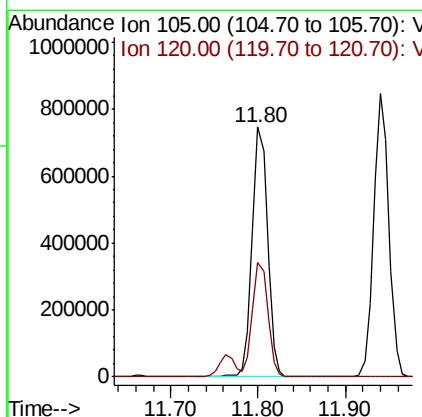
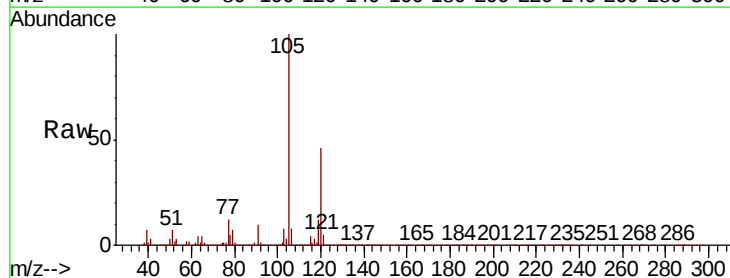
Instrument :
 MSVOA_X
 ClientSampleId :

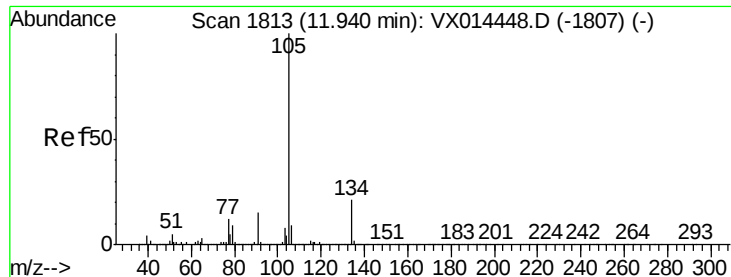
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.3	88.0
134	24.5	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.458 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.329 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

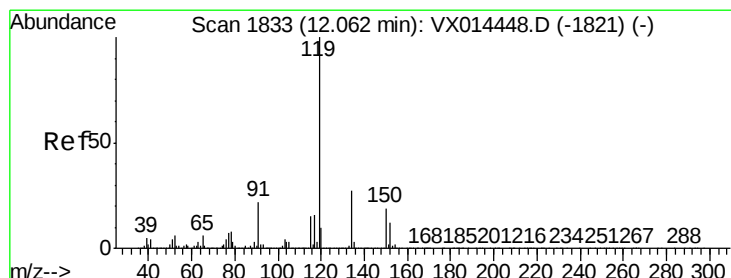
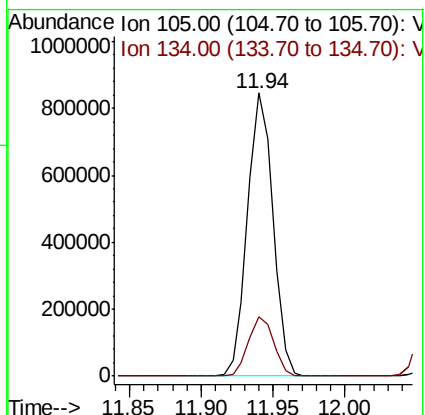
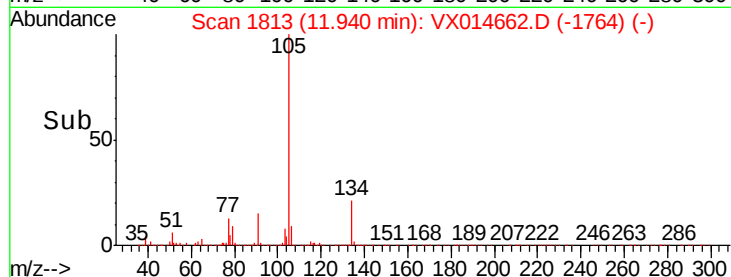
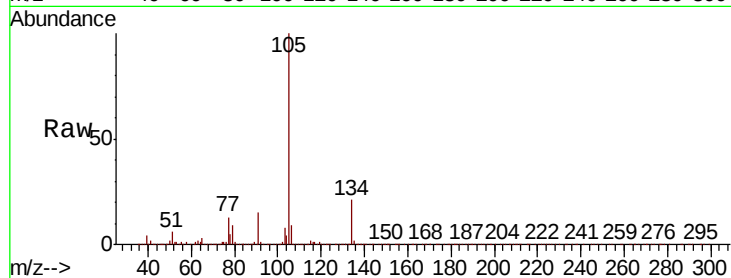
ClientSampleId :

Tot Ion:105 Resp: 1032706

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 50.619 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

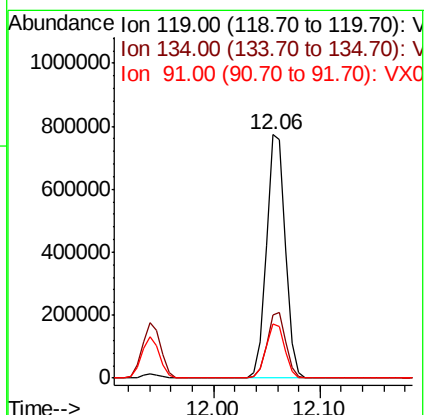
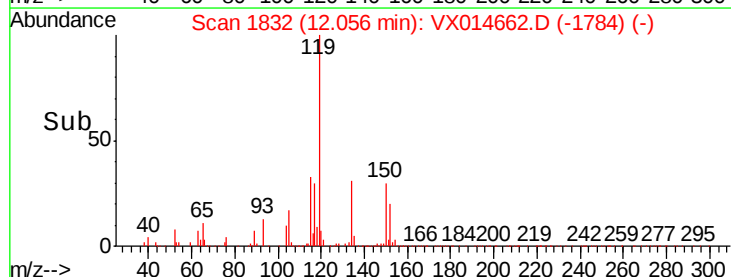
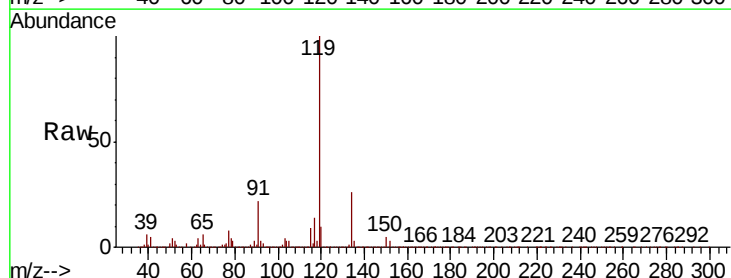
Tgt Ion:119 Resp: 963830

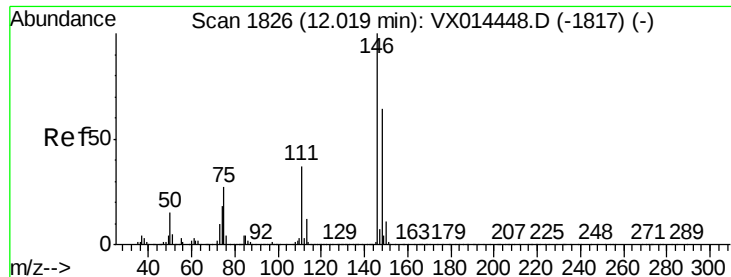
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.2 11.1 33.3

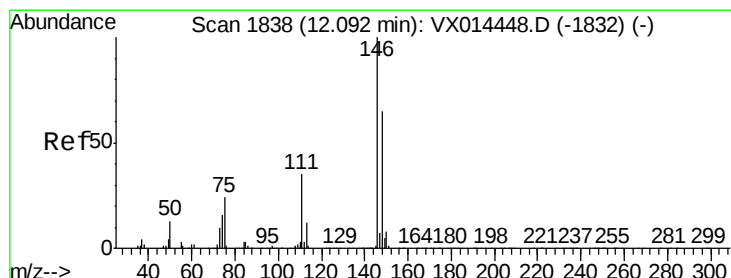
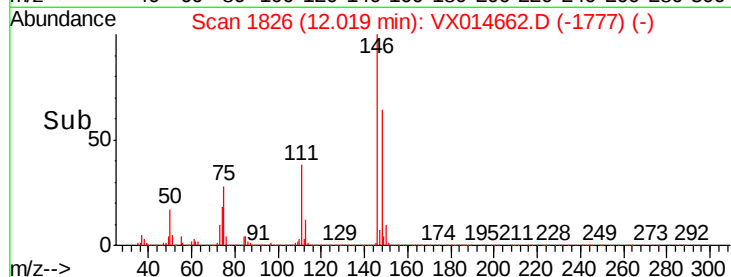
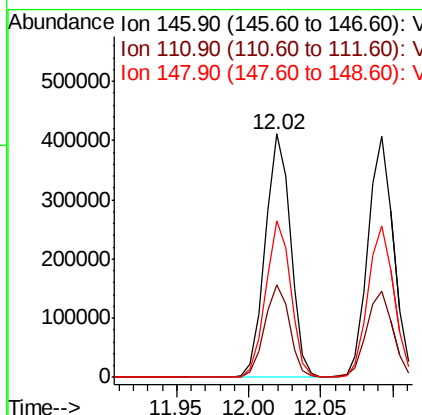
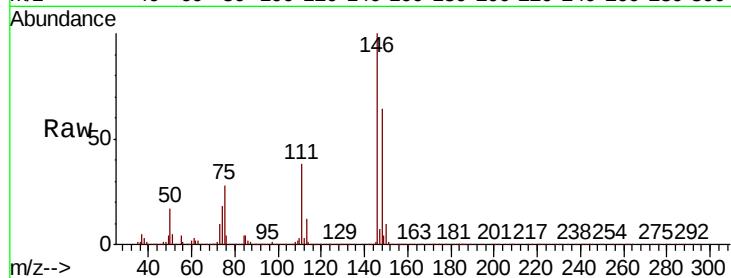




#87
 1,3-Dichlorobenzene
 Concen: 47.637 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

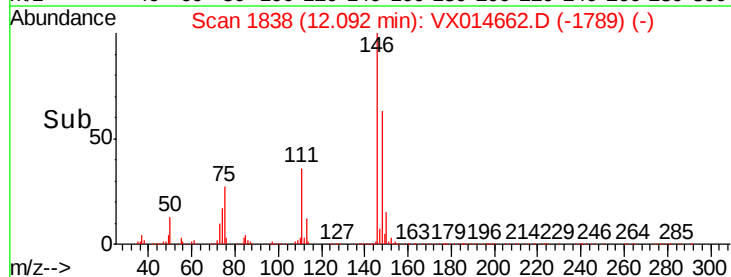
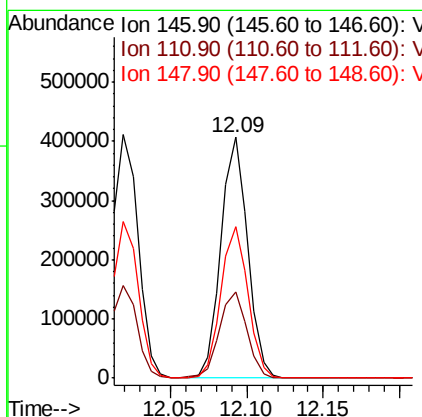
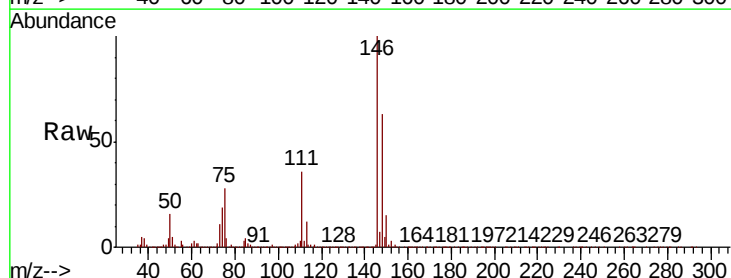
Instrument :
 MSVOA_X
 ClientSampleId :

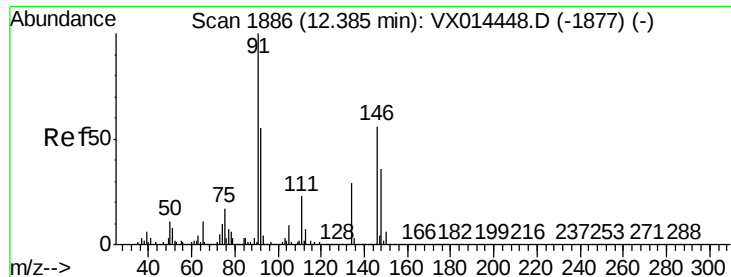
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	63.6	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.877 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.1	32.1	96.3

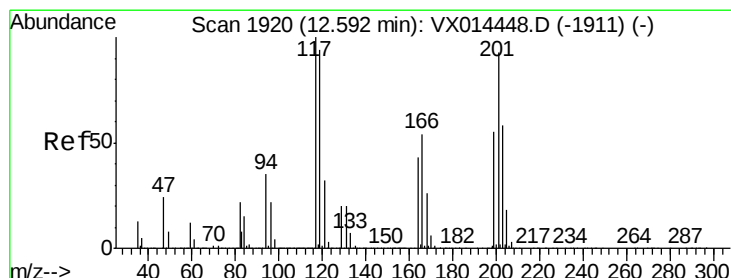
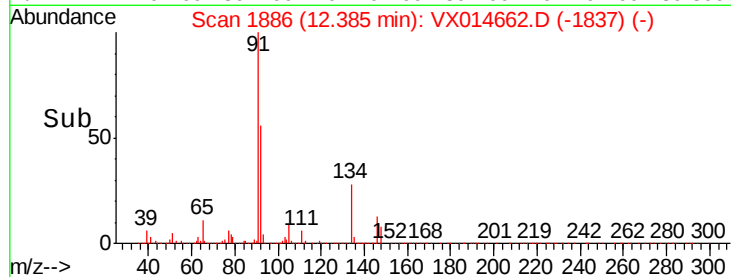
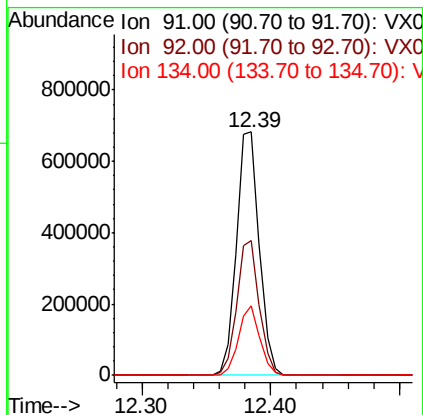
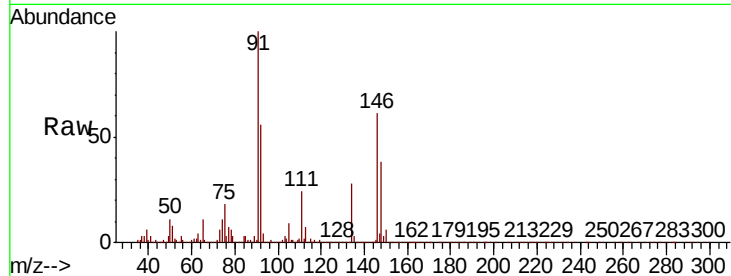




#89
n-Butylbenzene
Concen: 48.271 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

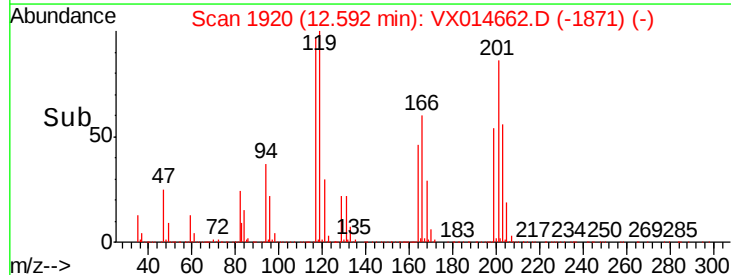
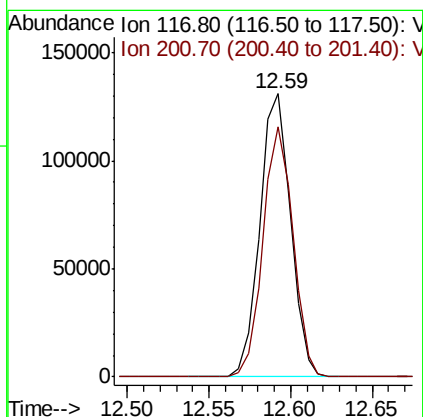
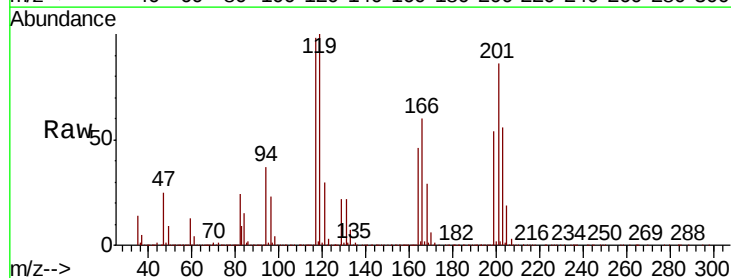
Instrument :
MSVOA_X
ClientSampleId :

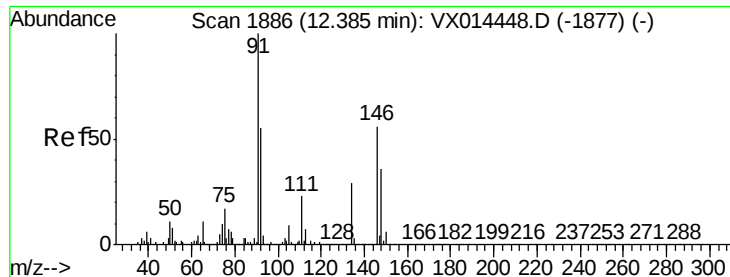
Tot Ion: 91 Resp: 840379
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.2
134 26.7 13.9 41.7



#90
Hexachloroethane
Concen: 51.113 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion: 117 Resp: 170953
Ion Ratio Lower Upper
117 100
201 86.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 48.593 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

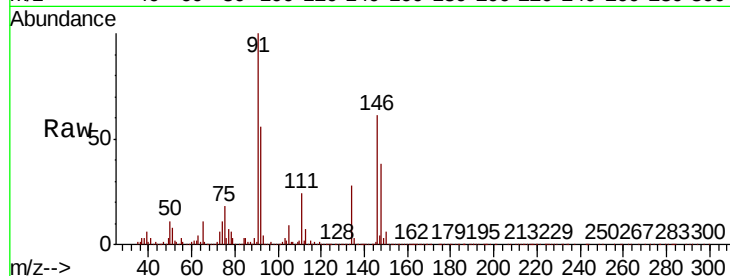
Tot Ion:146 Resp: 498563

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

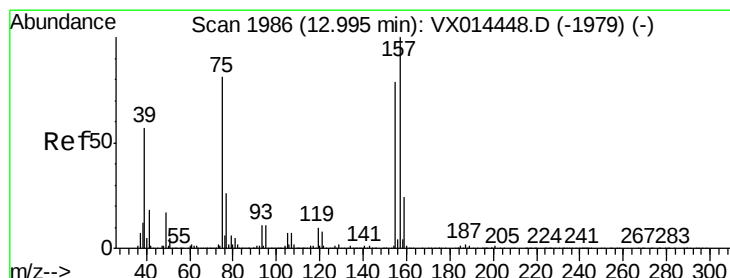
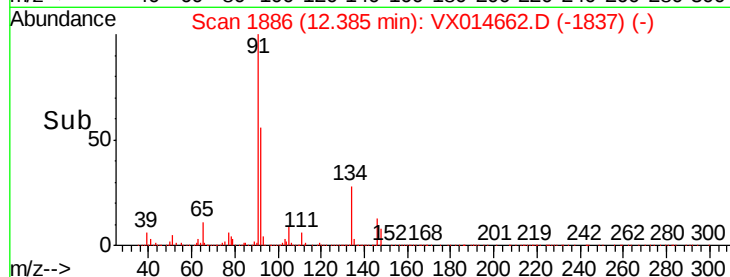
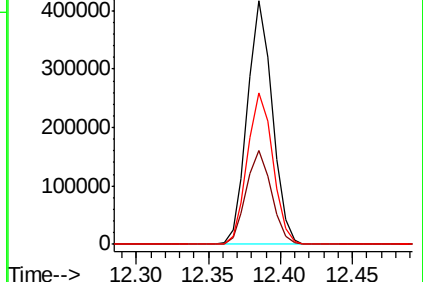
148 63.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.890 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014662.D

Acq: 17 Jan 2020 18:04

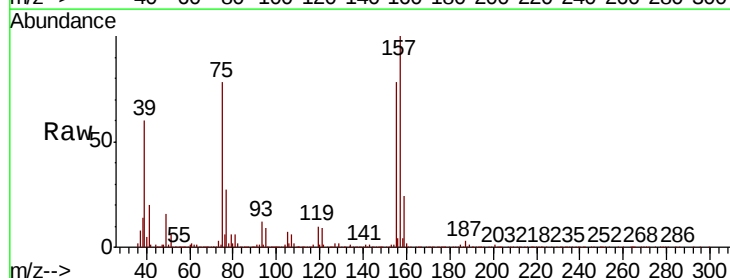
Tgt Ion: 75 Resp: 78761

Ion Ratio Lower Upper

75 100

155 94.9 48.7 146.1

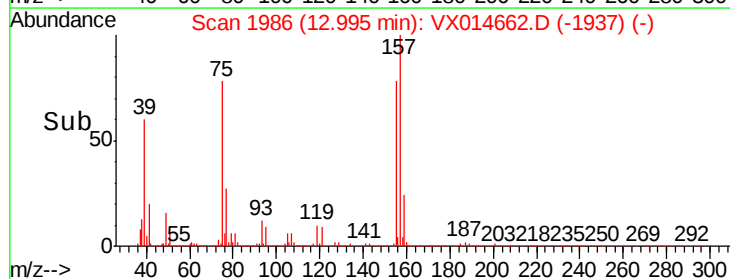
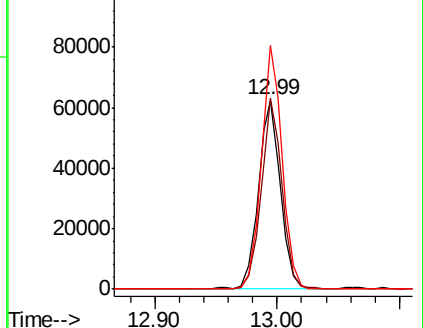
157 120.9 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

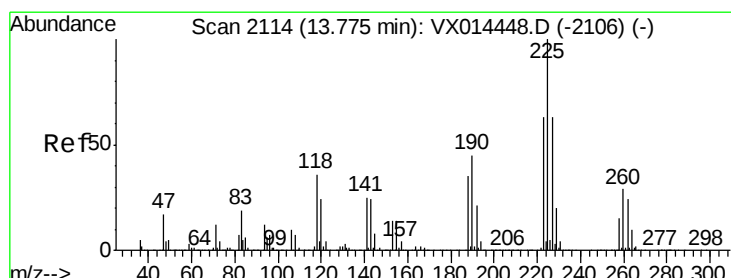
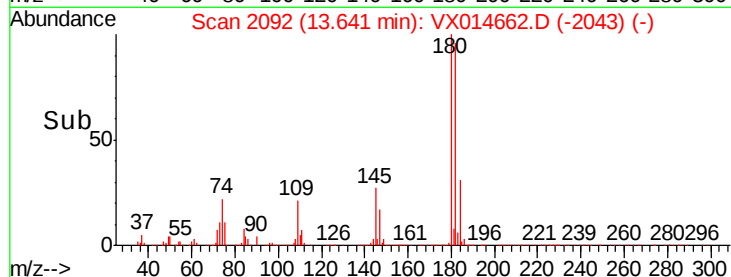
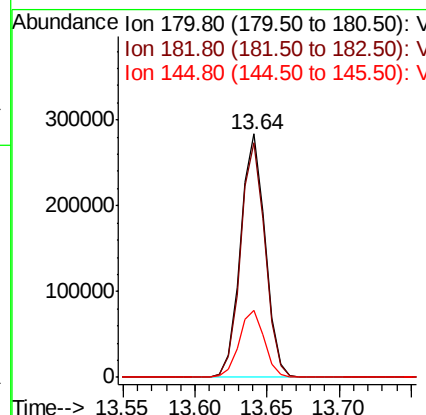
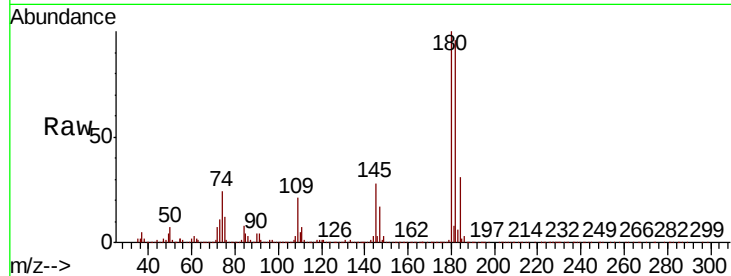




#93
 1,2,4-Trichlorobenzene
 Concen: 47.124 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

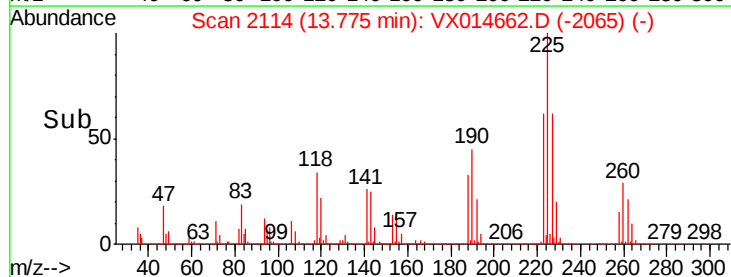
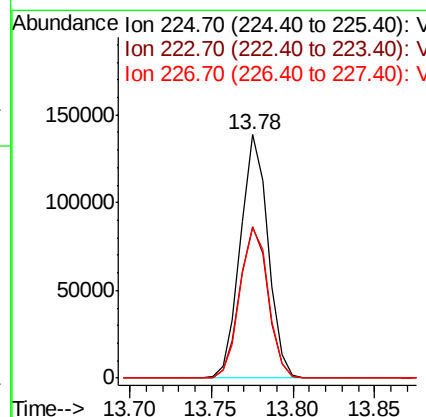
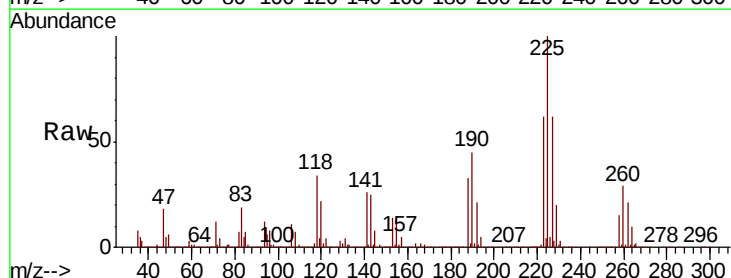
Instrument :
 MSVOA_X
 ClientSampleId :

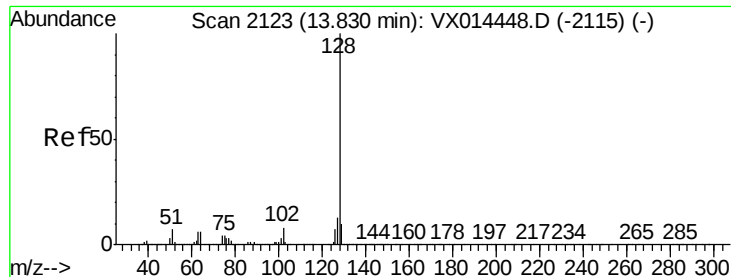
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	27.9	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 48.723 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014662.D
 Acq: 17 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.2
227	63.8	31.4	94.2

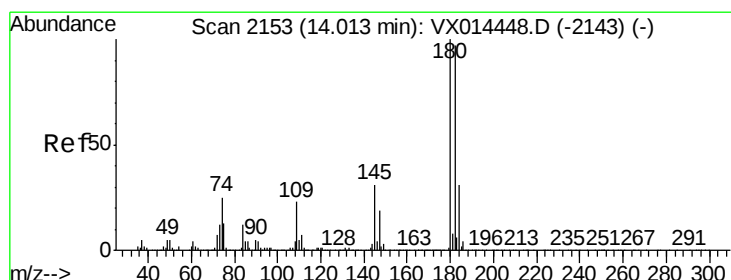
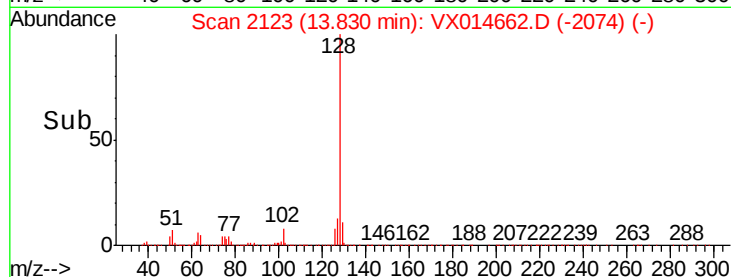
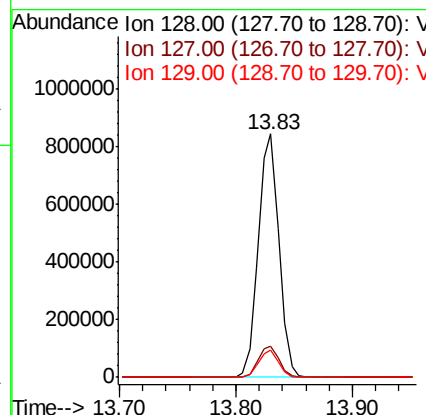
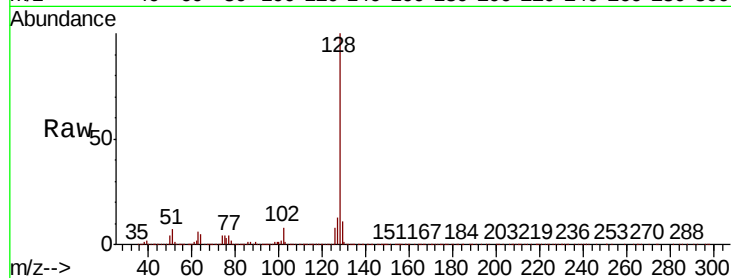




#95
Naphthalene
Concen: 46.581 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1041115
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.508 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014662.D
Acq: 17 Jan 2020 18:04

Tgt Ion:180 Resp: 342865
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 29.5 14.8 44.3

