

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014860.D
 Acq On : 06 Feb 2020 20:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:52:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	657022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	599395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310885	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	229210	45.56	ug/l	0.00
Spiked Amount						
			Recovery	=	91.12%	
35) Dibromofluoromethane	5.49	113	190206	45.88	ug/l	0.00
Spiked Amount						
			Recovery	=	91.76%	
50) Toluene-d8	8.71	98	711940	44.67	ug/l	0.00
Spiked Amount						
			Recovery	=	89.34%	
62) 4-Bromofluorobenzene	11.13	95	260695	45.92	ug/l	0.00
Spiked Amount						
			Recovery	=	91.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	240264	41.642	ug/l	100
3) Chloromethane	1.32	50	237153	40.694	ug/l	98
4) Vinyl Chloride	1.40	62	282720	44.868	ug/l	99
5) Bromomethane	1.63	94	174963	40.880	ug/l	97
6) Chloroethane	1.72	64	161621	44.685	ug/l	99
7) Trichlorofluoromethane	1.92	101	341121	46.494	ug/l	98
8) Diethyl Ether	2.18	74	149817	46.782	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	197934	45.955	ug/l	97
10) Methyl Iodide	2.50	142	290080	51.327	ug/l	99
11) Tert butyl alcohol	3.03	59	250475	221.775	ug/l	100
12) 1,1-Dichloroethene	2.36	96	193327	45.145	ug/l	98
13) Acrolein	2.28	56	215680	242.198	ug/l	99
14) Allyl chloride	2.72	41	349490	45.404	ug/l	97
15) Acrylonitrile	3.13	53	617013	236.115	ug/l	100
16) Acetone	2.43	43	549763	199.432	ug/l	99
17) Carbon Disulfide	2.56	76	449069	38.368	ug/l	100
18) Methyl Acetate	2.76	43	390054	49.563	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	717517	51.154	ug/l	99
20) Methylene Chloride	2.85	84	226510	44.399	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	206450	43.784	ug/l	99
22) Diisopropyl ether	3.84	45	726357	47.431	ug/l	98
23) Vinyl Acetate	3.80	43	2763874	236.758	ug/l	98
24) 1,1-Dichloroethane	3.69	63	392234	47.162	ug/l	99
25) 2-Butanone	4.65	43	871121	220.527	ug/l	97
26) 2,2-Dichloropropane	4.58	77	318235	47.805	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	252889	47.921	ug/l	98
28) Bromochloromethane	5.01	49	158891	43.477	ug/l	94
29) Tetrahydrofuran	5.11	42	550204	234.678	ug/l	97
30) Chloroform	5.20	83	401660	48.753	ug/l	99
31) Cyclohexane	5.57	56	338438	43.266	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	341757	49.075	ug/l	98
36) 1,1-Dichloropropene	5.79	75	283600	46.454	ug/l	98
37) Ethyl Acetate	4.82	43	336634	48.143	ug/l	99
38) Carbon Tetrachloride	5.78	117	285353	48.941	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	351007	45.894	ug/l	95
40) Benzene	6.14	78	881620	46.737	ug/l	99
41) Methacrylonitrile	5.03	41	187076	46.880	ug/l	97
42) 1,2-Dichloroethane	6.19	62	321916	49.419	ug/l	100
43) Isopropyl Acetate	6.43	43	562764	49.149	ug/l	99
44) Trichloroethene	7.21	130	250221	46.962	ug/l	98
45) 1,2-Dichloropropane	7.51	63	228845	47.091	ug/l	100
46) Dibromomethane	7.65	93	153987	48.926	ug/l	96
47) Bromodichloromethane	7.89	83	307915	49.881	ug/l	99
48) Methyl methacrylate	7.76	41	276056	50.459	ug/l	98
49) 1,4-Dioxane	7.73	88	103018	888.321	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1734622	240.026	ug/l	100
52) Toluene	8.78	92	565892	48.803	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	345947	52.047	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	375857	51.402	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	237248	49.974	ug/l	98
56) Ethyl methacrylate	9.17	69	381745	47.523	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400076	49.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	601643	251.996	ug/l	97
59) 2-Hexanone	9.48	43	1323256	235.963	ug/l	99
60) Dibromochloromethane	9.57	129	254893	51.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	250275	49.861	ug/l	100
64) Tetrachloroethene	9.33	164	290122	48.898	ug/l	98
65) Chlorobenzene	10.14	112	627119	48.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	240722	50.924	ug/l	98
67) Ethyl Benzene	10.25	91	1096835	50.104	ug/l	100
68) m/p-Xylenes	10.36	106	833544	100.507	ug/l	99
69) o-Xylene	10.70	106	410388	51.257	ug/l	99
70) Styrene	10.71	104	707411	52.672	ug/l	99
71) Bromoform	10.85	173	199616	53.101	ug/l #	99
73) Isopropylbenzene	11.01	105	1084986	49.635	ug/l	99
74) N-amyl acetate	10.89	43	497091	51.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	356118	45.628	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	418411	57.848	ug/l	91
77) Bromobenzene	11.25	156	292285	49.772	ug/l	94
78) n-propylbenzene	11.35	91	1227394	49.467	ug/l	99
79) 2-Chlorotoluene	11.42	91	729190	48.570	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	913958	50.377	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	118745	46.720	ug/l	97
82) 4-Chlorotoluene	11.51	91	840059	49.150	ug/l	99
83) tert-Butylbenzene	11.76	119	862329	50.582	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	919128	50.508	ug/l	99
85) sec-Butylbenzene	11.94	105	1058427	50.679	ug/l	99
86) p-Isopropyltoluene	12.06	119	977805	50.661	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	512351	48.547	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	518784	49.073	ug/l	99
89) n-Butylbenzene	12.39	91	856970	50.980	ug/l	99
90) Hexachloroethane	12.59	117	170705	47.616	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	510956	48.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	81953	48.873	ug/l	92

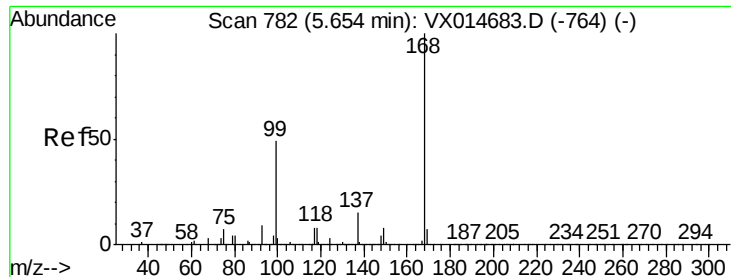
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	371162	54.922	ug/l	98
94) Hexachlorobutadiene	13.78	225	176448	50.729	ug/l	98
95) Naphthalene	13.83	128	1140747	52.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	370146	54.168	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

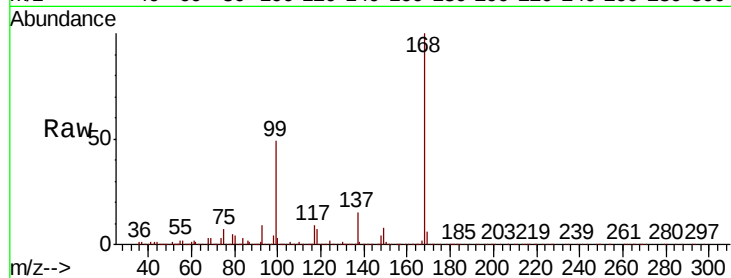
ClientSampleId :

Tot Ion:168 Resp: 430783

Ion Ratio Lower Upper

168 100

99 48.9 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

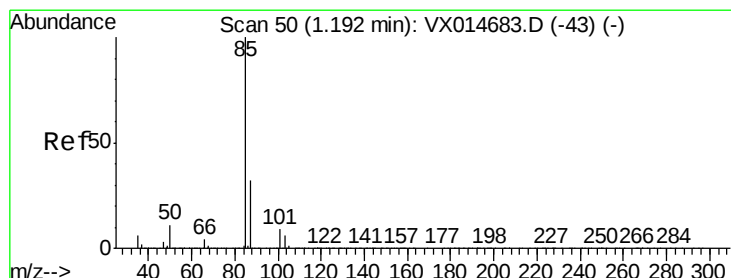
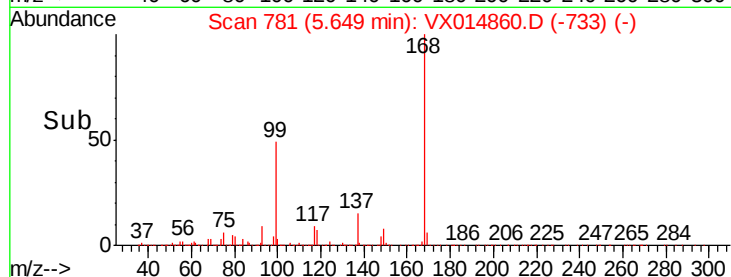
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.642 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014860.D

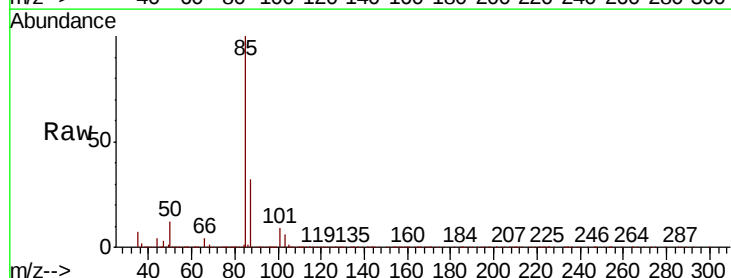
Acq: 06 Feb 2020 20:03

Tgt Ion: 85 Resp: 240264

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

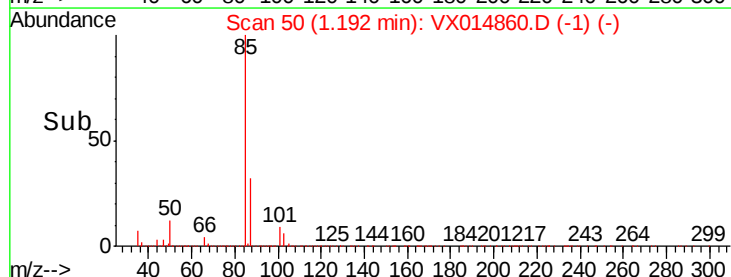
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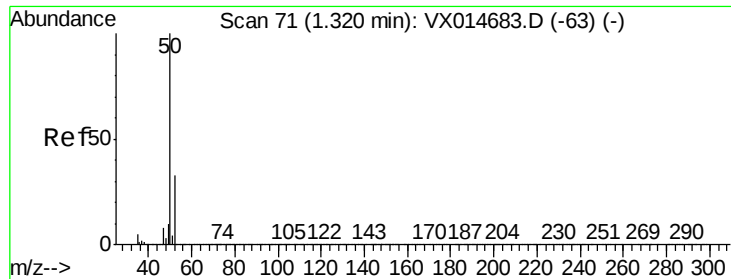
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Time-->

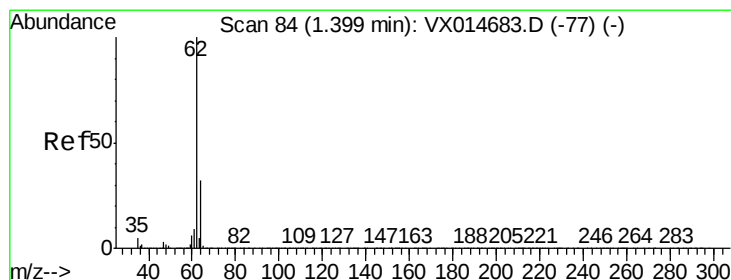
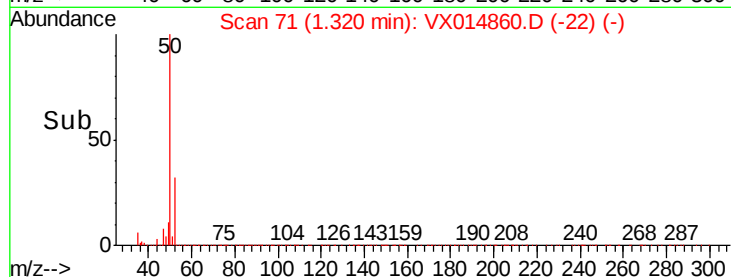
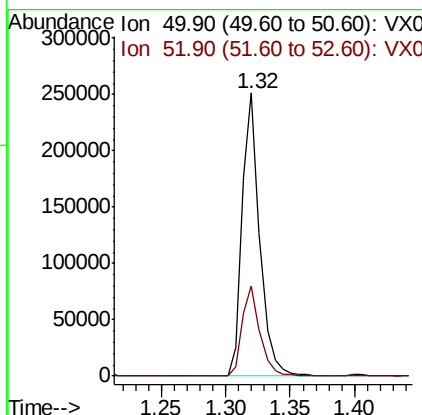
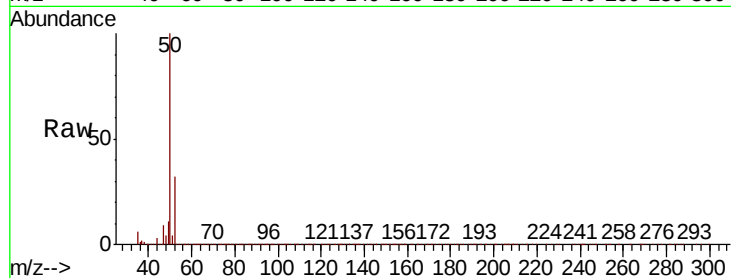




#3
Chloromethane
Concen: 40.694 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

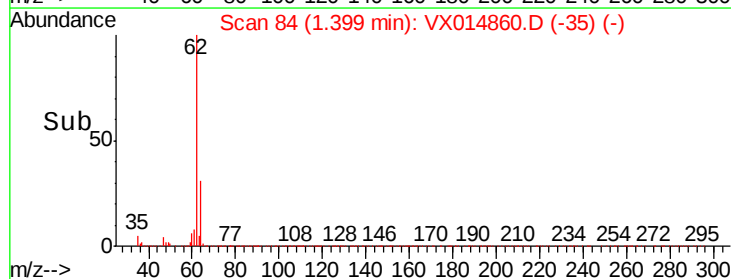
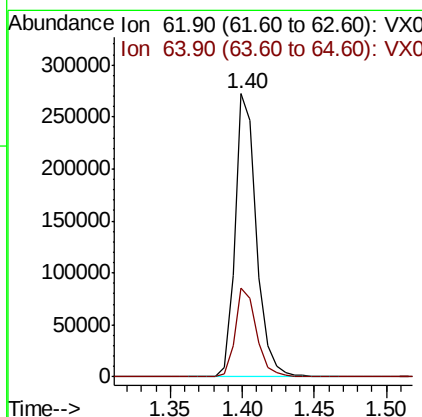
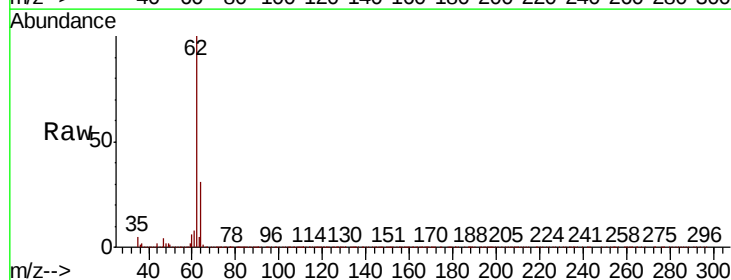
Instrument :
MSVOA_X
ClientSampleId :

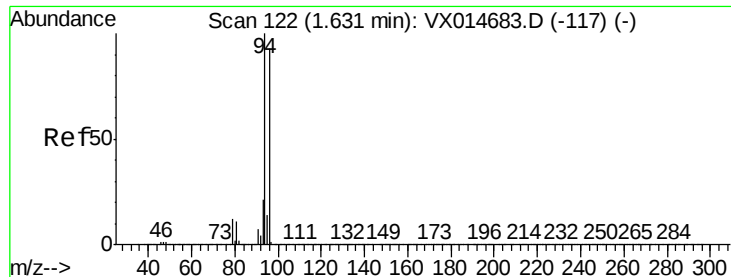
Tot Ion: 50 Resp: 237153
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 44.868 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 62 Resp: 282720
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.2





#5

Bromomethane

Concen: 40.880 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

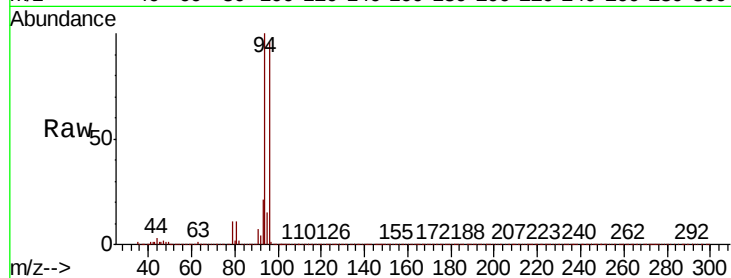
ClientSampleId :

Tot Ion: 94 Resp: 174963

Ion Ratio Lower Upper

94 100

96 96.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

200000

150000

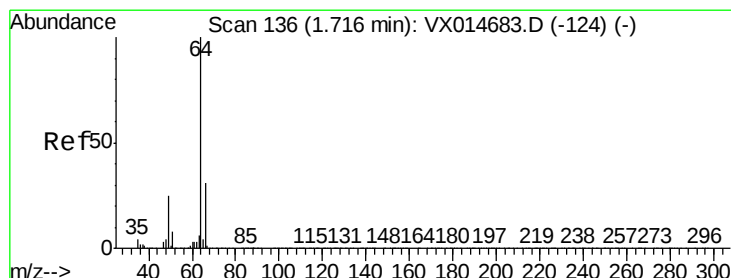
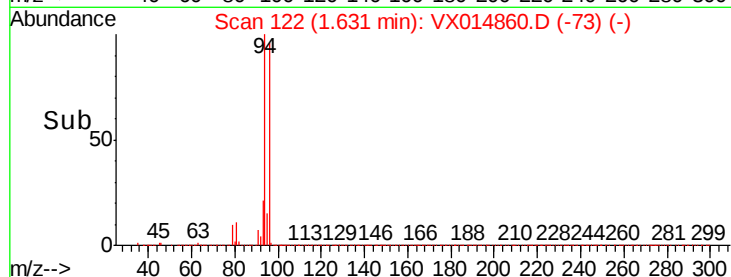
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50000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 44.685 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014860.D

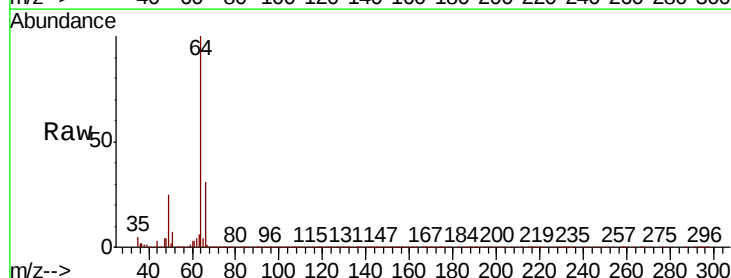
Acq: 06 Feb 2020 20:03

Tgt Ion: 64 Resp: 161621

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

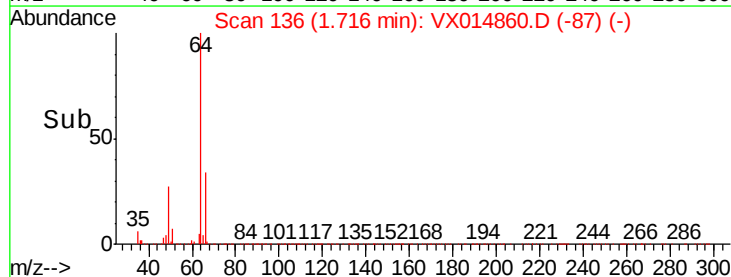
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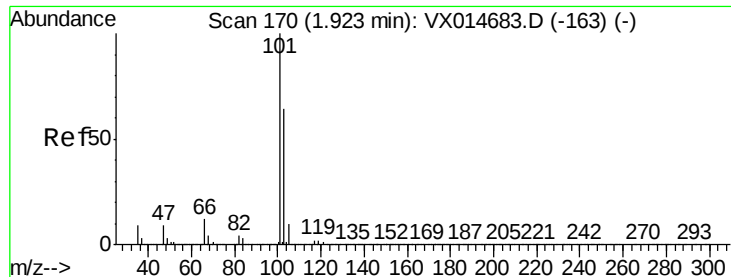
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1.70 1.80

Time-->



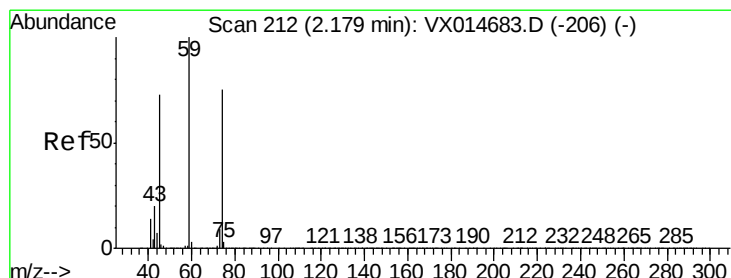
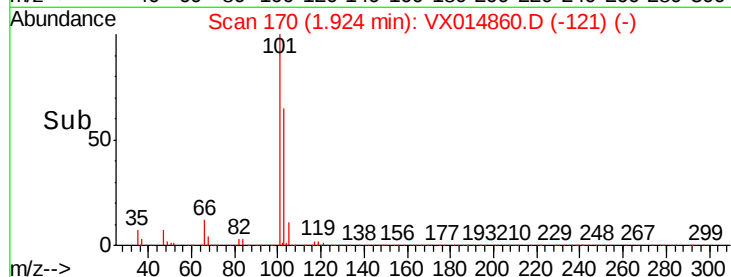
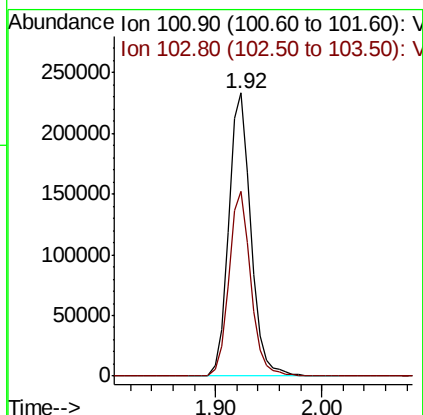
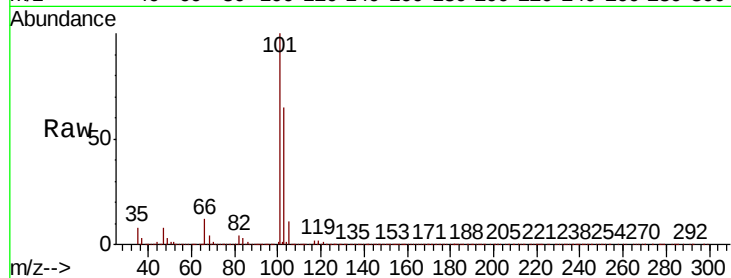


#7

Trichlorofluoromethane
Concen: 46.494 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Instrument :
MSVOA_X
ClientSampled :

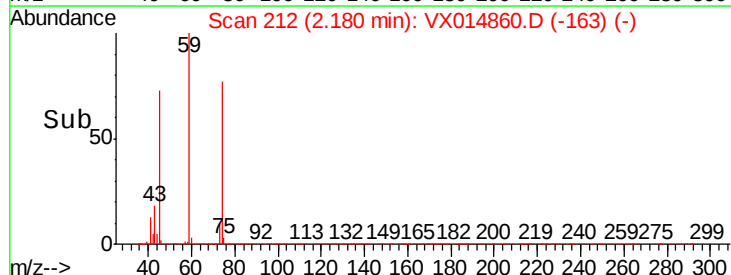
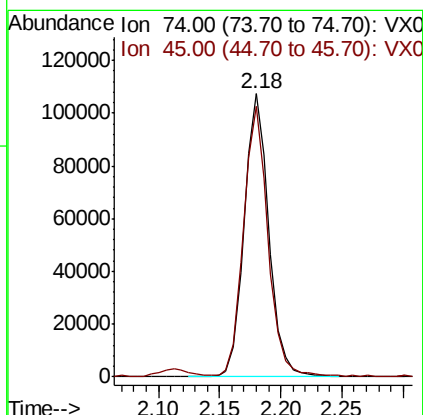
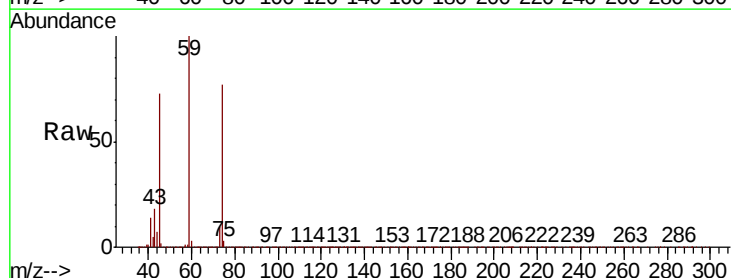
Tot Ion:101 Resp: 341121
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.6

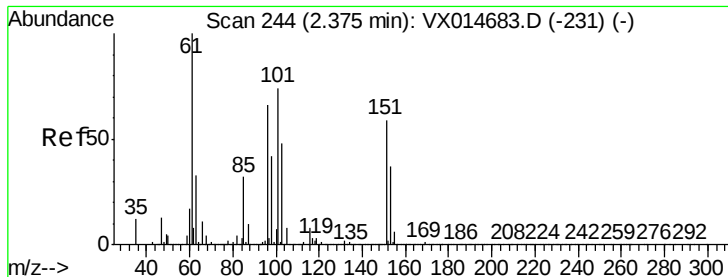


#8

Diethyl Ether
Concen: 46.782 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 74 Resp: 149817
Ion Ratio Lower Upper
74 100
45 94.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.955 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

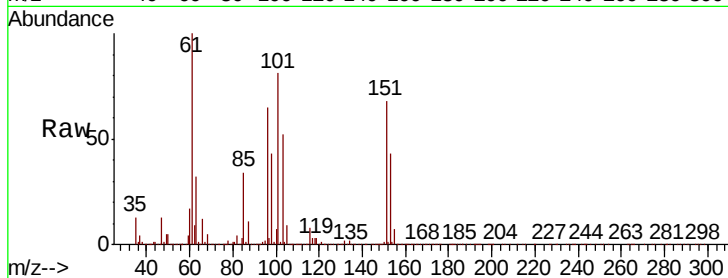
Tot Ion:101 Resp: 197934

Ion Ratio Lower Upper

101 100

85 42.0 34.7 52.1

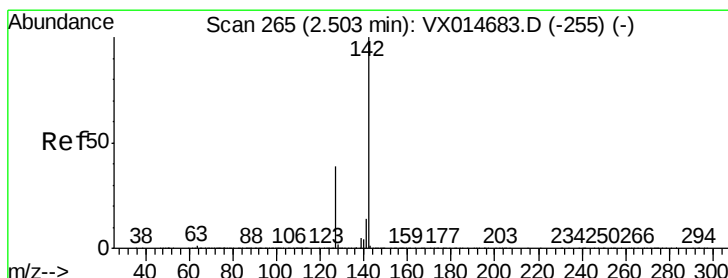
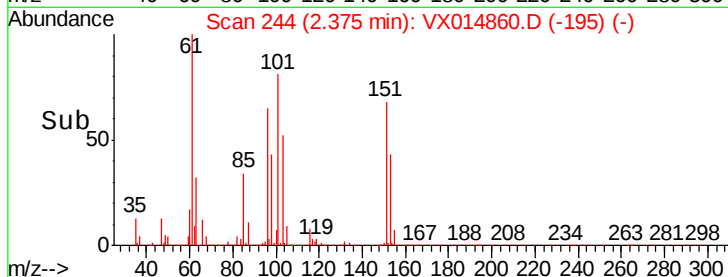
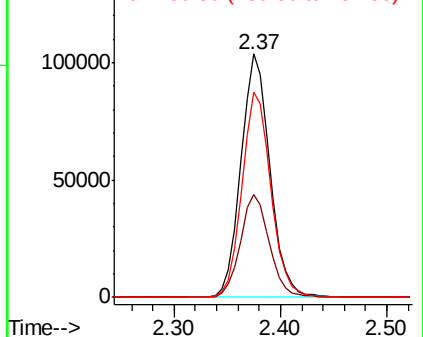
151 84.3 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.327 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

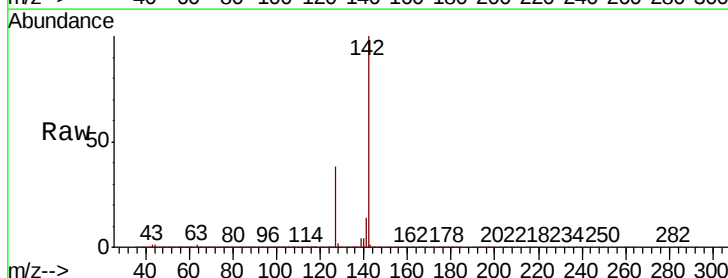
Tgt Ion:142 Resp: 290080

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

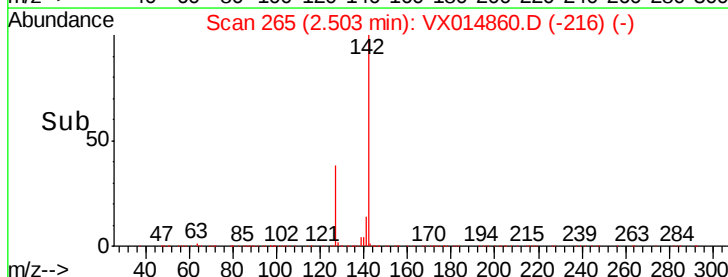
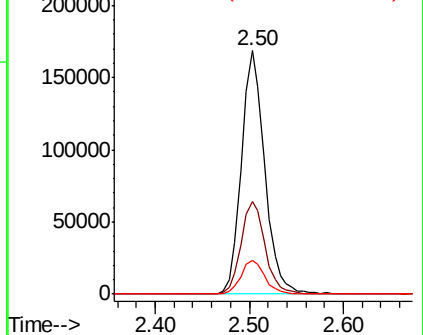
141 14.6 11.3 16.9

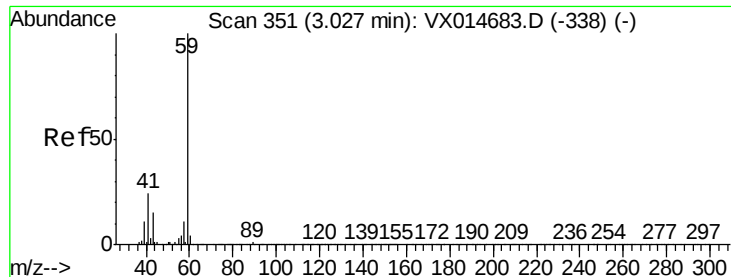


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



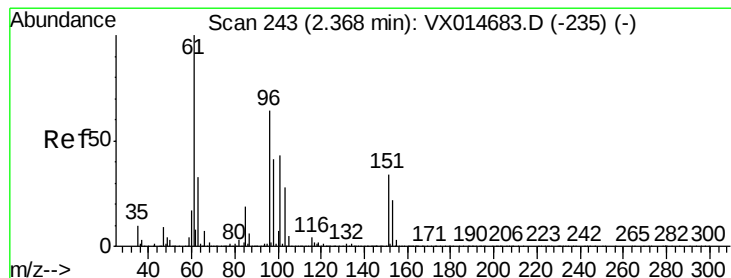
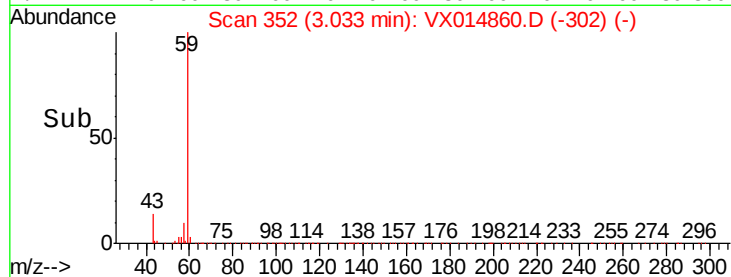
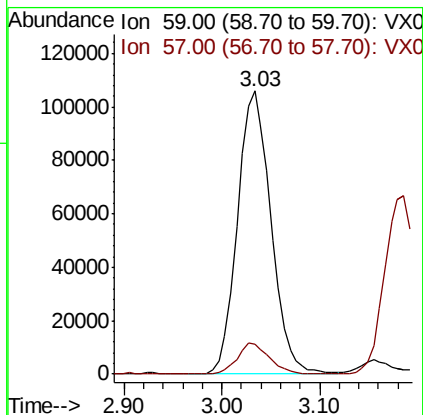
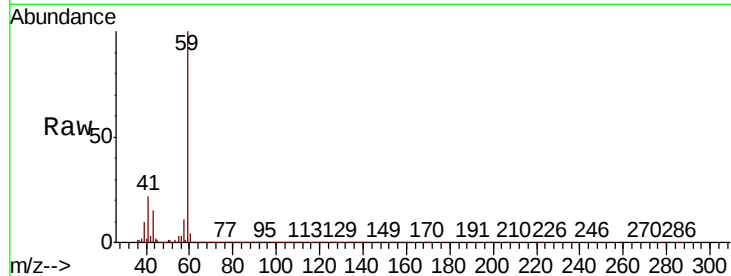


#11

Tert butyl alcohol
Concen: 221.775 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Instrument :
MSVOA_X
ClientSampleId :

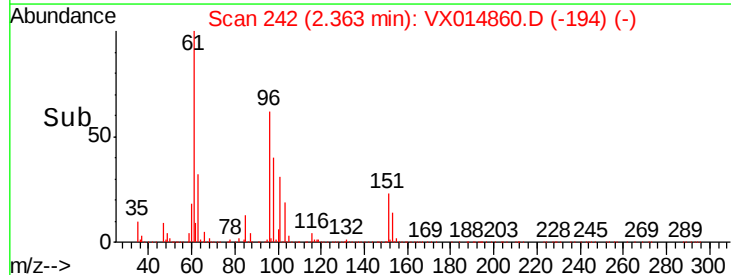
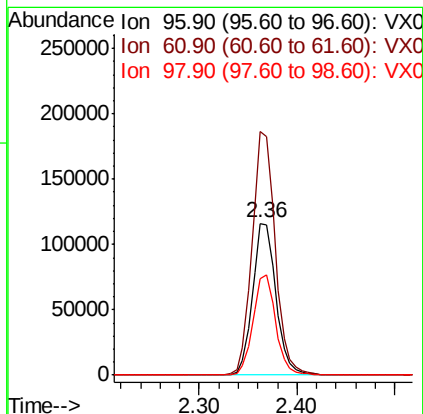
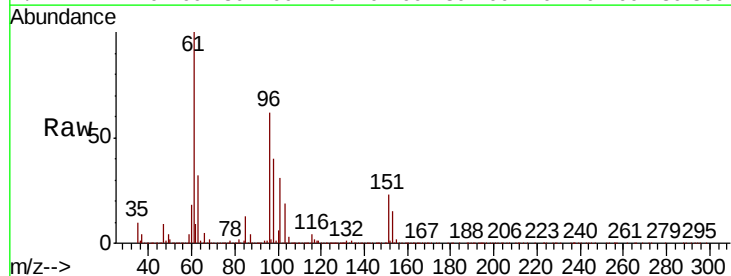
Tot Ion: 59 Resp: 250475
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

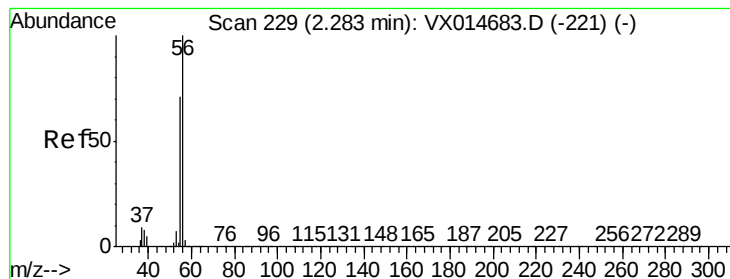


#12

1,1-Dichloroethene
Concen: 45.145 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 96 Resp: 193327
Ion Ratio Lower Upper
96 100
61 160.3 125.8 188.8
98 63.7 51.5 77.3





#13

Acrolein

Concen: 242.198 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

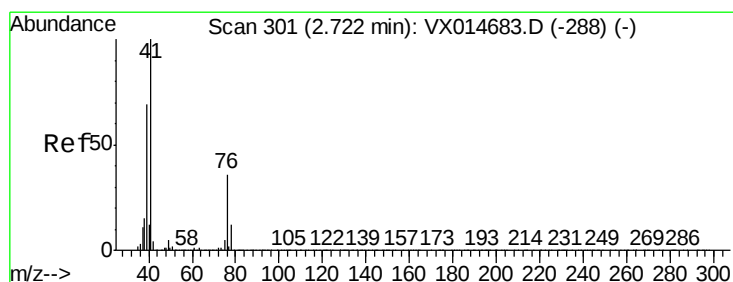
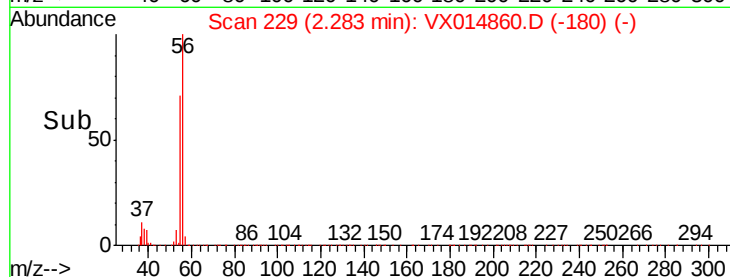
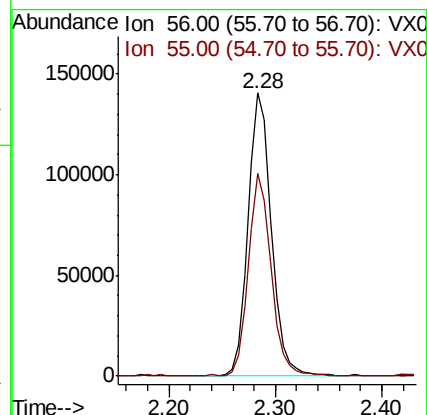
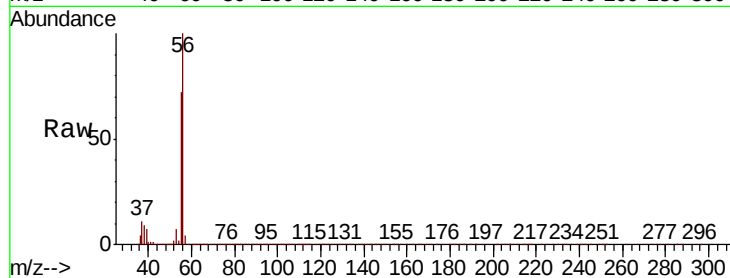
ClientSampleId :

Tot Ion: 56 Resp: 215680

Ion Ratio Lower Upper

56 100

55 69.9 56.6 84.8



#14

Allyl chloride

Concen: 45.404 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

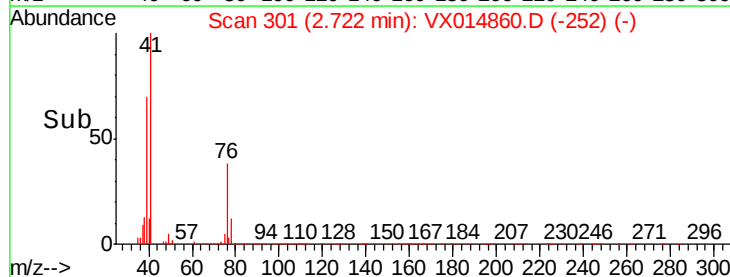
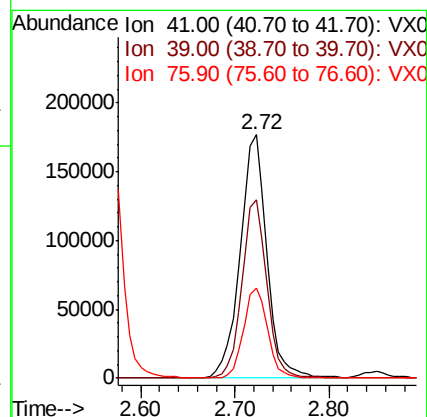
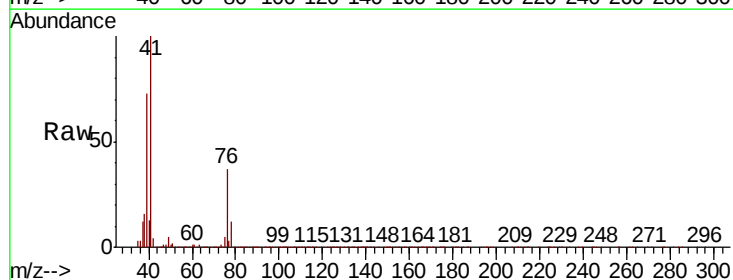
Tgt Ion: 41 Resp: 349490

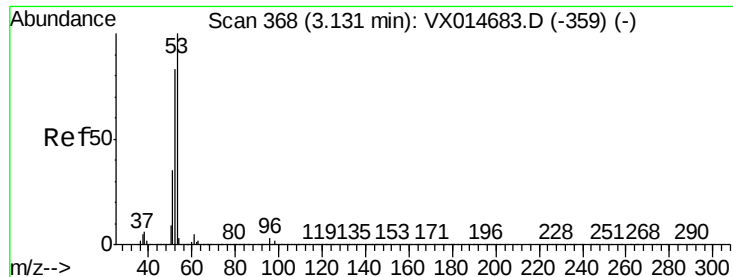
Ion Ratio Lower Upper

41 100

39 67.8 52.0 78.0

76 33.2 26.0 39.0

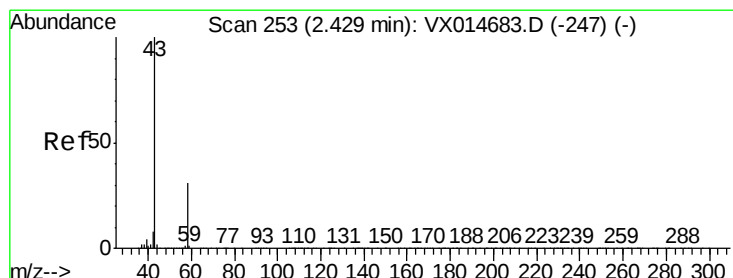
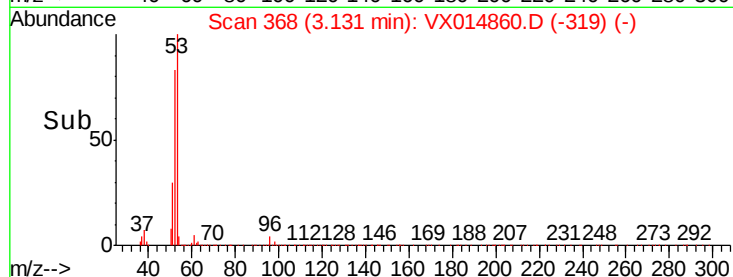
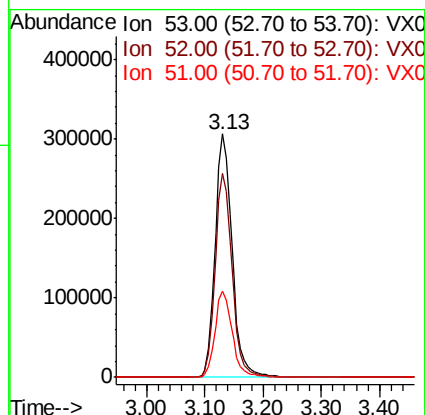
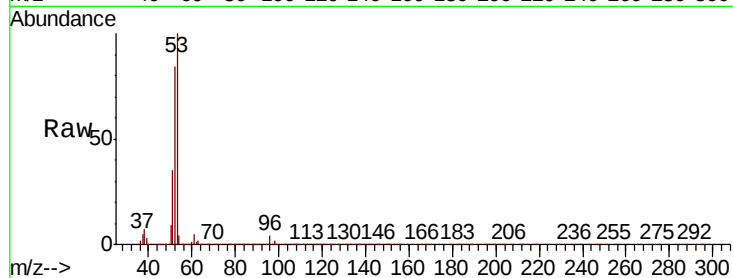




#15
 Acrylonitrile
 Concen: 236.115 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

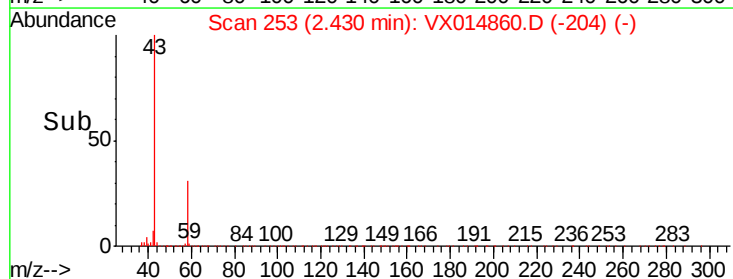
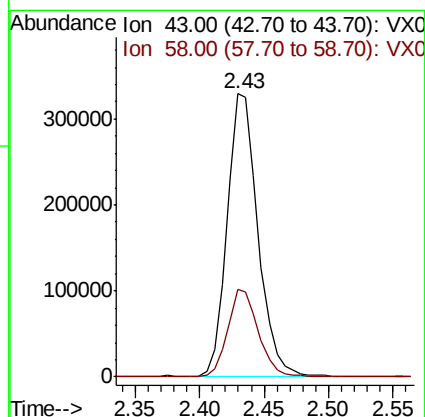
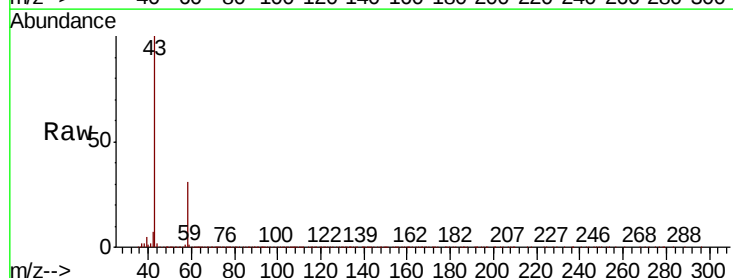
Instrument :
 MSVOA_X
 ClientSampleId :

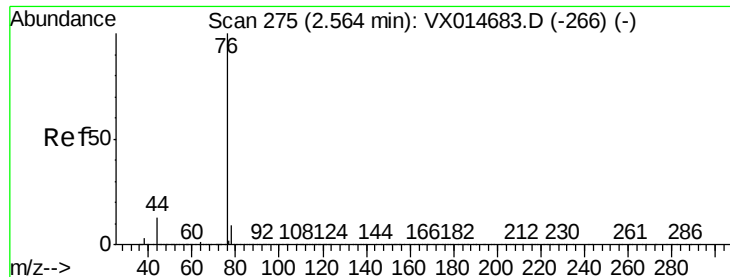
Tot Ion: 53 Resp: 617013
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.4 99.6
 51 36.0 28.7 43.1



#16
 Acetone
 Concen: 199.432 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion: 43 Resp: 549763
 Ion Ratio Lower Upper
 43 100
 58 30.9 24.5 36.7





#17

Carbon Disulfide

Concen: 38.368 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

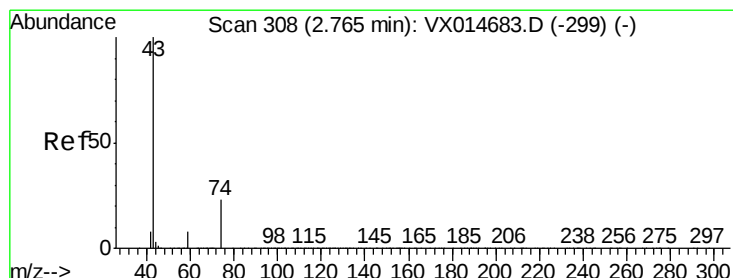
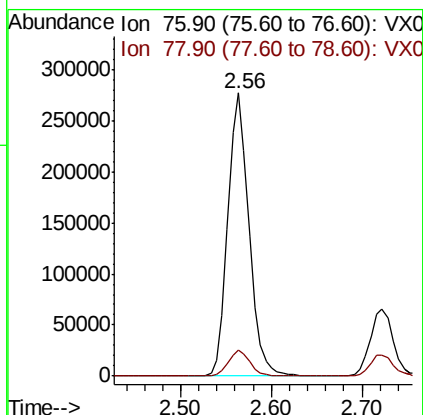
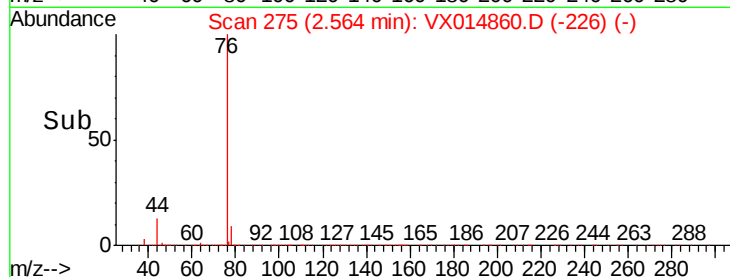
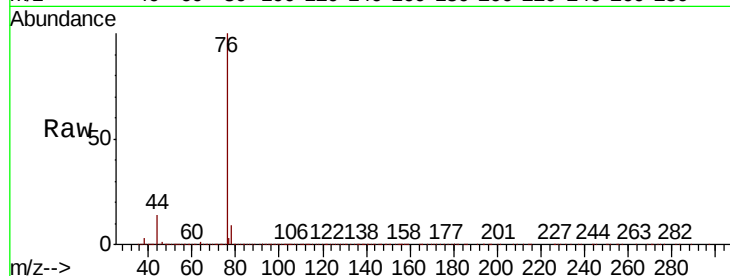
ClientSampleId :

Tot Ion: 76 Resp: 449069

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 49.563 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014860.D

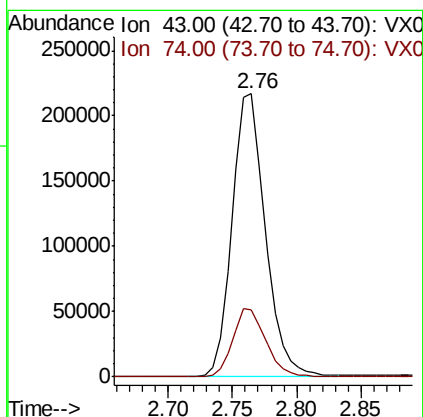
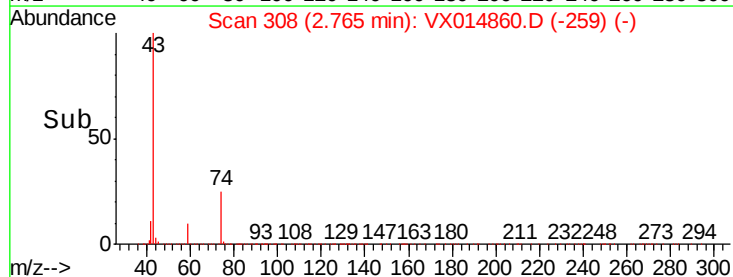
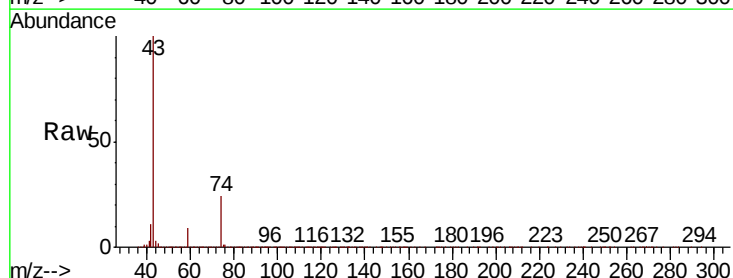
Acq: 06 Feb 2020 20:03

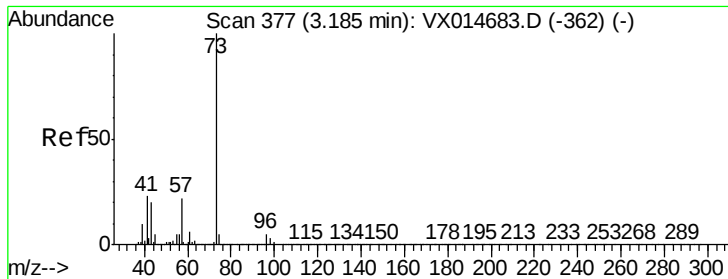
Tgt Ion: 43 Resp: 390054

Ion Ratio Lower Upper

43 100

74 24.4 18.5 27.7

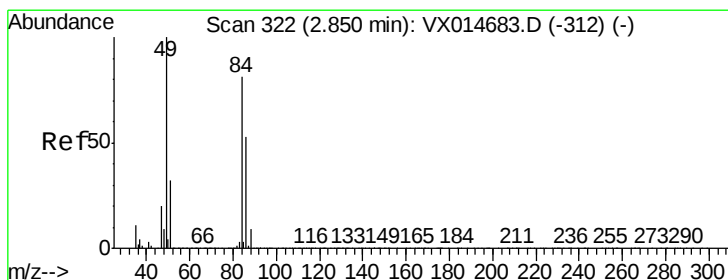
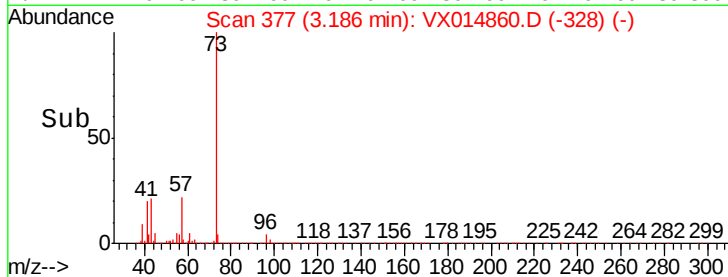
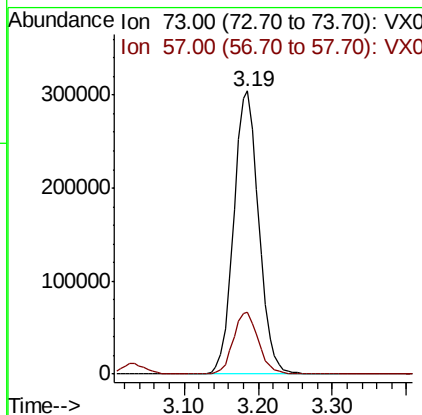
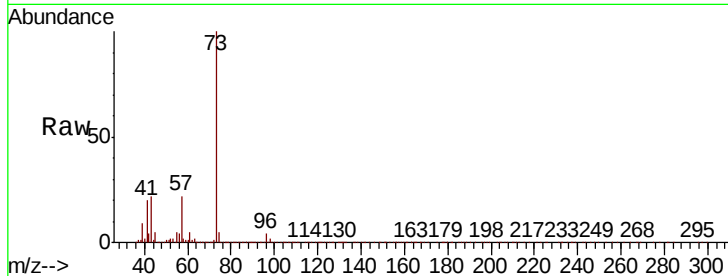




#19
Methvl tert-butvl Ether
Concen: 51.154 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

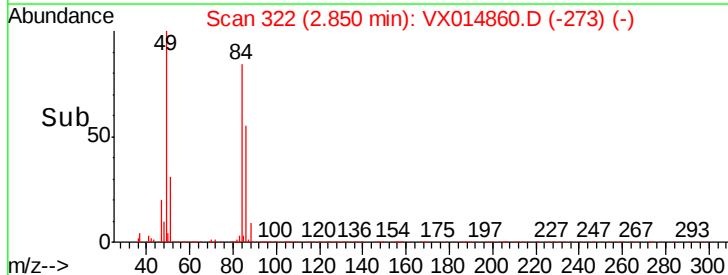
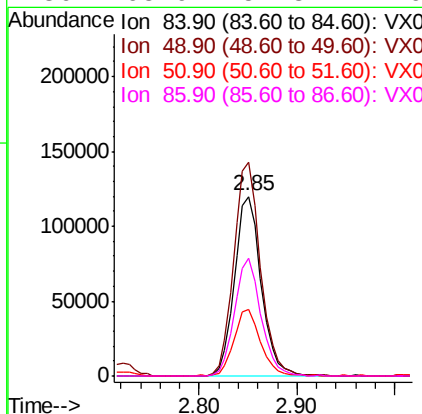
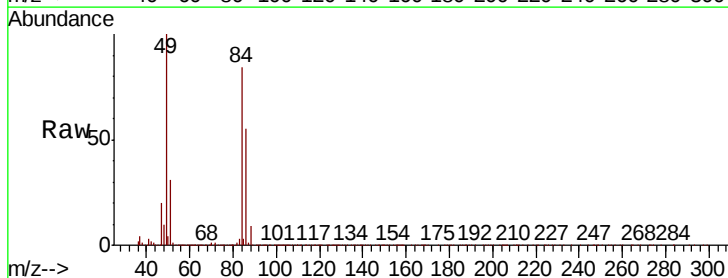
Instrument :
MSVOA_X
ClientSampleId :

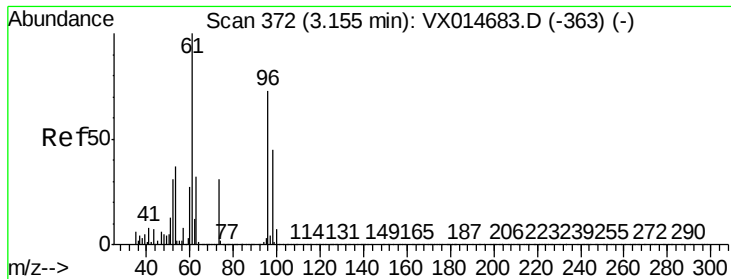
Tot Ion: 73 Resp: 717517
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 44.399 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 84 Resp: 226510
Ion Ratio Lower Upper
84 100
49 119.1 98.2 147.4
51 37.1 31.3 46.9
86 65.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 43.784 ug/l

RT: 3.16 min Scan# 372

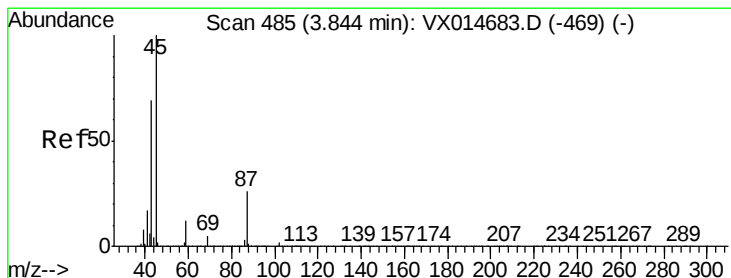
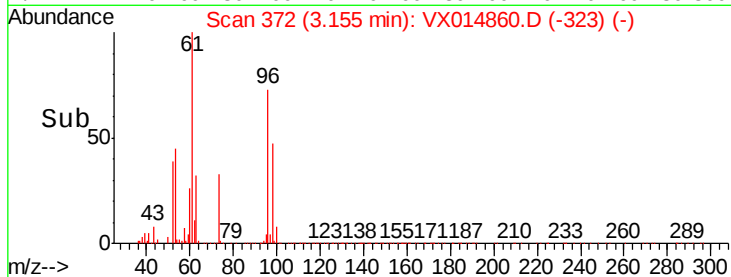
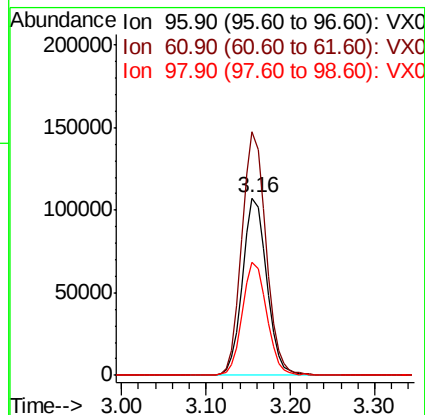
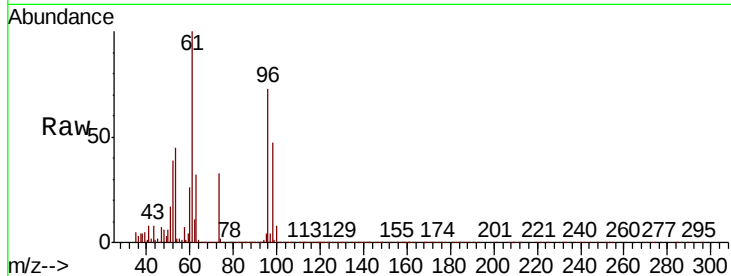
Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	206450
Ion	Ratio	Lower	Upper
96	100		
61	137.3	109.8	164.6
98	64.0	49.6	74.4



#22

Diisopropyl ether

Concen: 47.431 ug/l

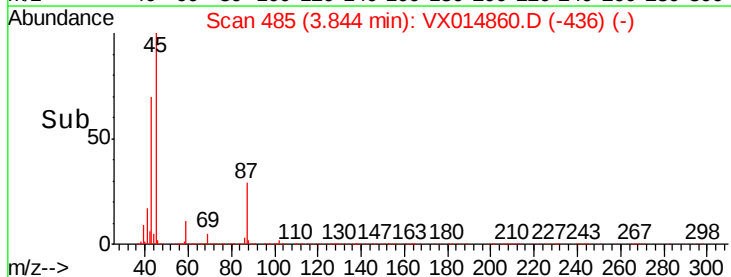
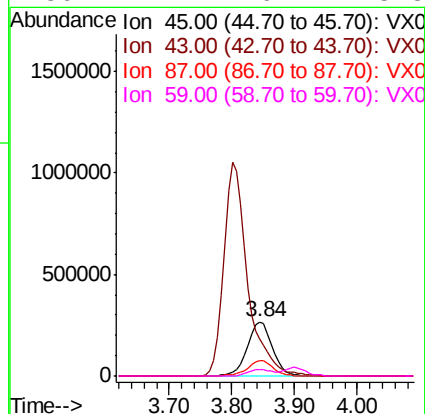
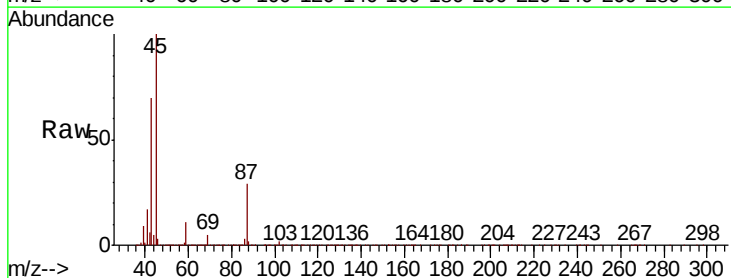
RT: 3.84 min Scan# 485

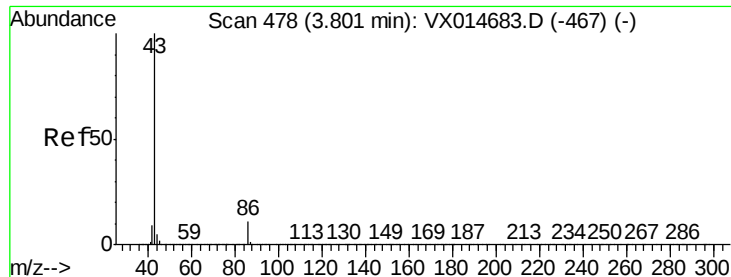
Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Tgt Ion:	45	Resp:	726357
Ion	Ratio	Lower	Upper
45	100		
43	69.9	55.1	82.7
87	29.1	20.7	31.1
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 236.758 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

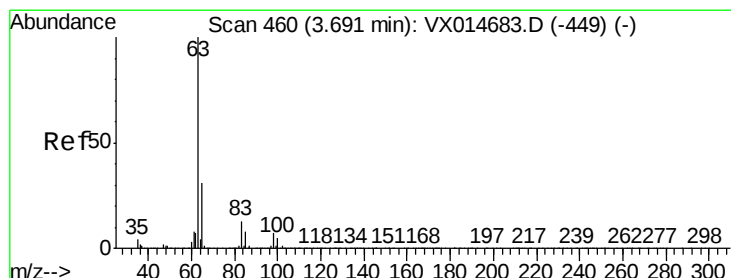
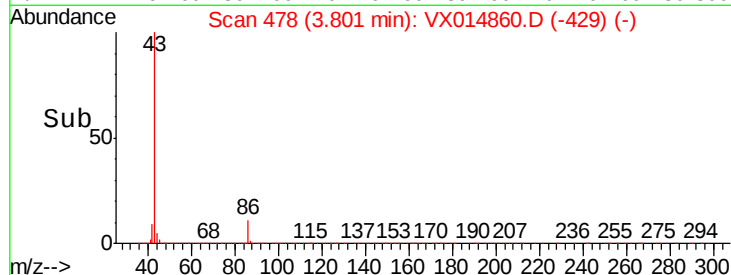
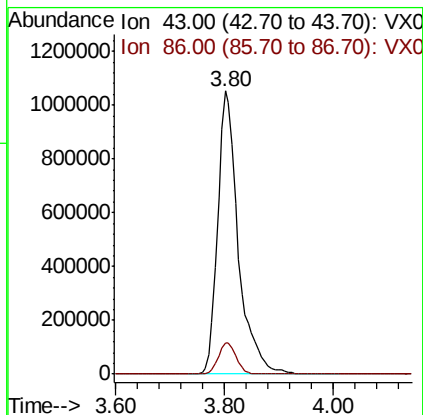
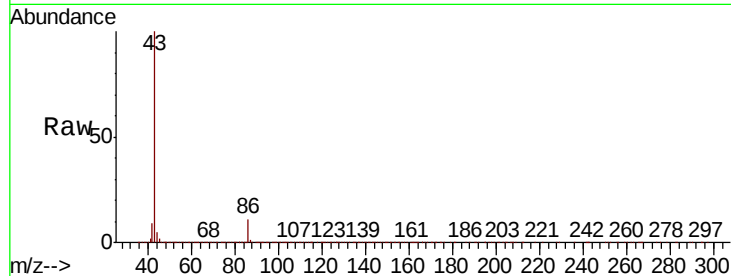
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2763874

Ion Ratio Lower Upper

43 100

86 11.1 8.4 12.6



#24

1,1-Dichloroethane

Concen: 47.162 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

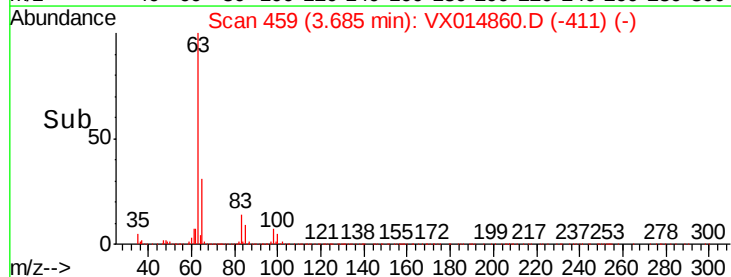
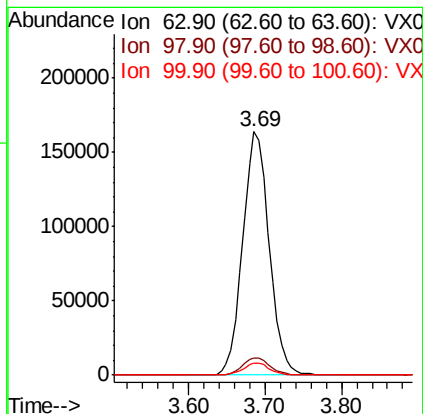
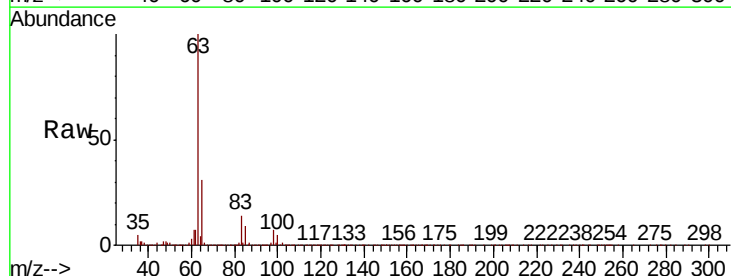
Tgt Ion: 63 Resp: 392234

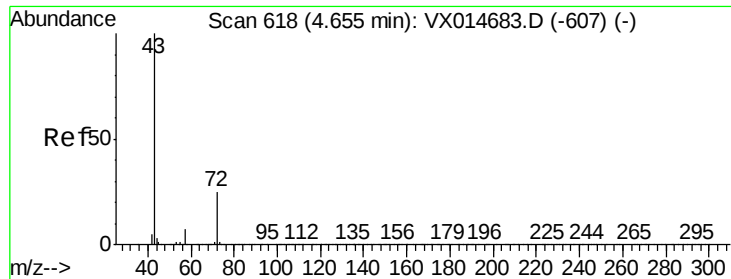
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 220.527 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

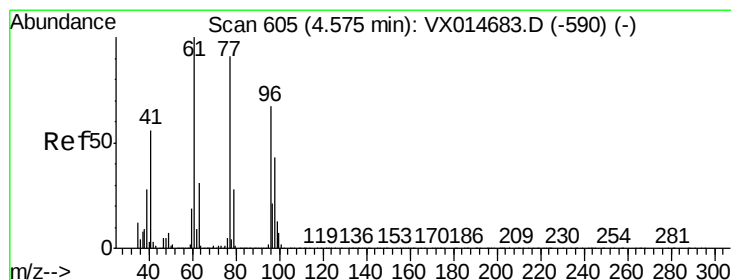
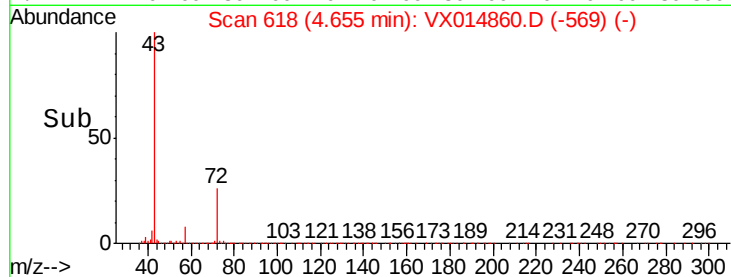
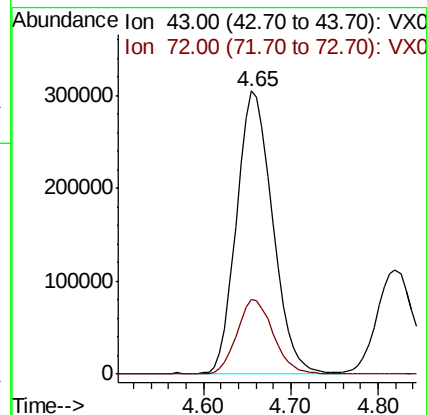
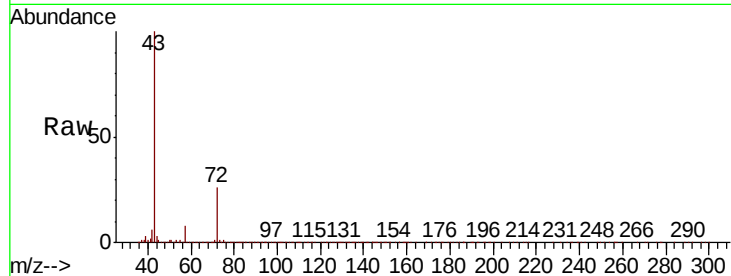
ClientSampleId :

Tot Ion: 43 Resp: 871121

Ion Ratio Lower Upper

43 100

72 26.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 47.805 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014860.D

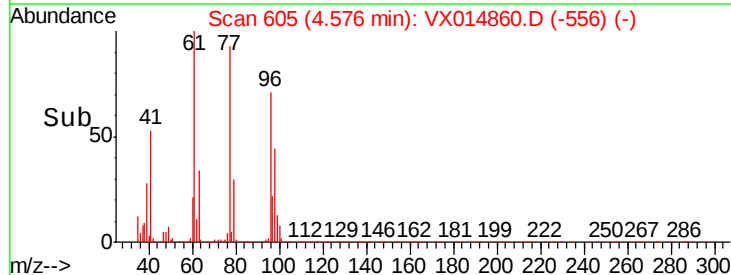
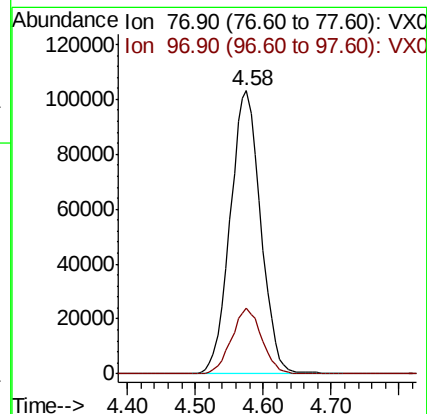
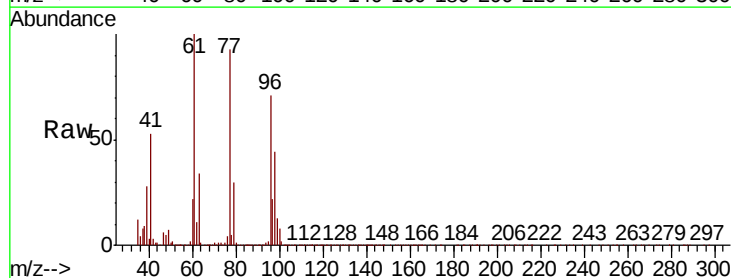
Acq: 06 Feb 2020 20:03

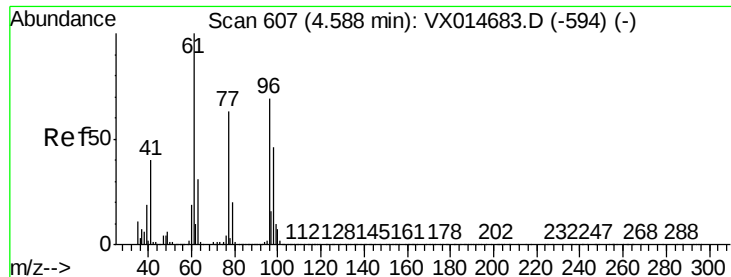
Tgt Ion: 77 Resp: 318235

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3



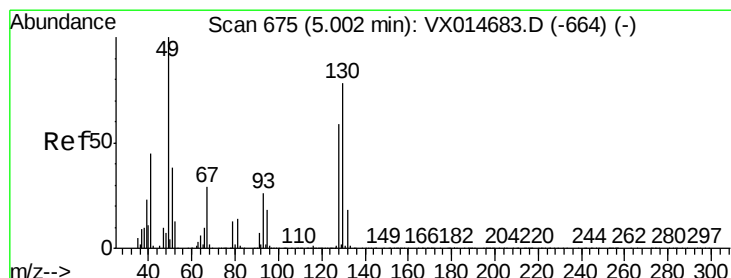
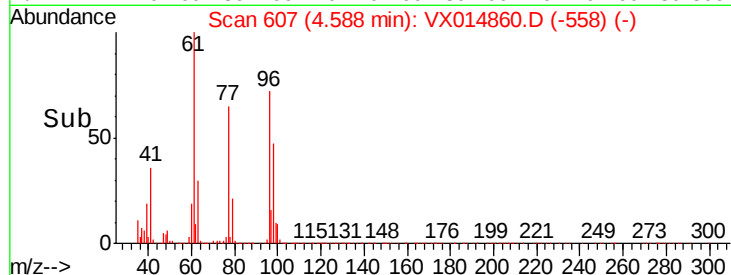
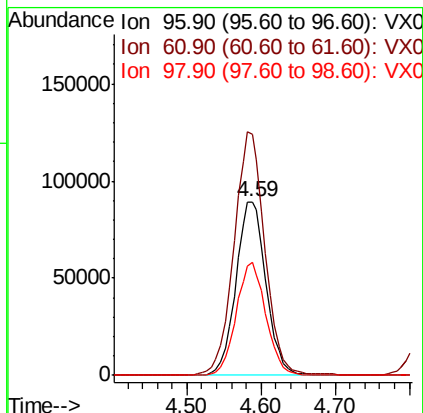
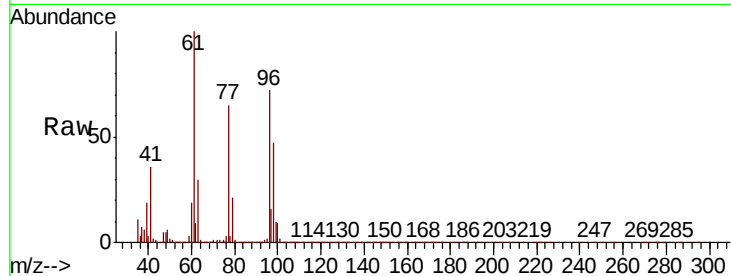


#27

cis-1,2-Dichloroethene
Concen: 47.921 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Instrument :
MSVOA_X
ClientSampleId :

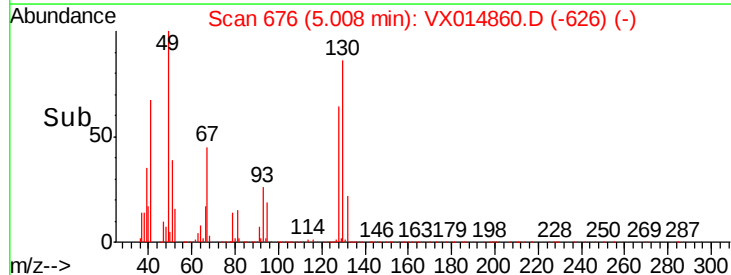
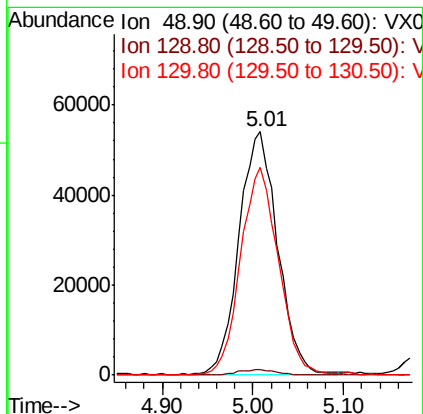
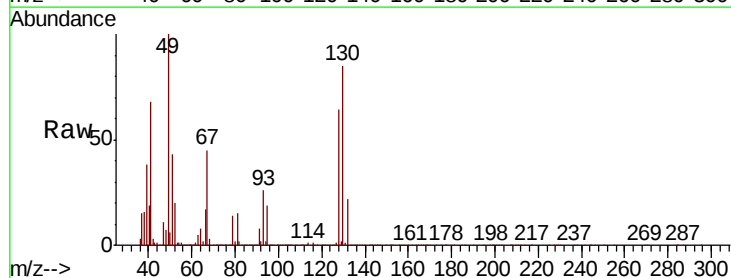
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	291.0
98	63.7	0.0	129.8

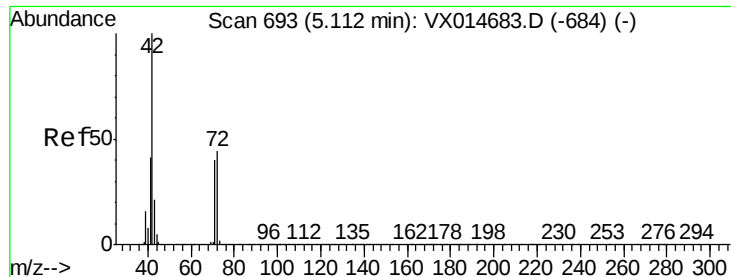


#28

Bromochloromethane
Concen: 43.477 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	83.4	62.4	93.6





#29

Tetrahydrofuran

Concen: 234.678 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

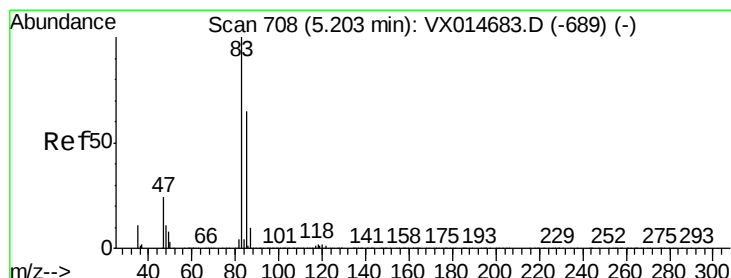
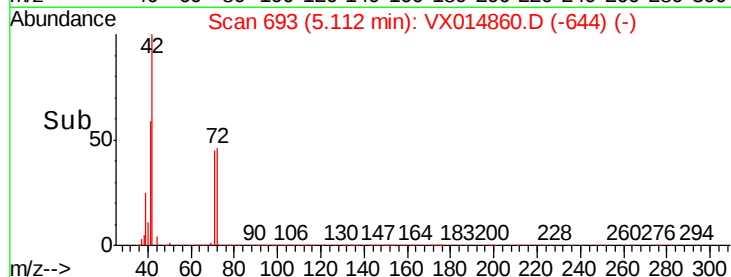
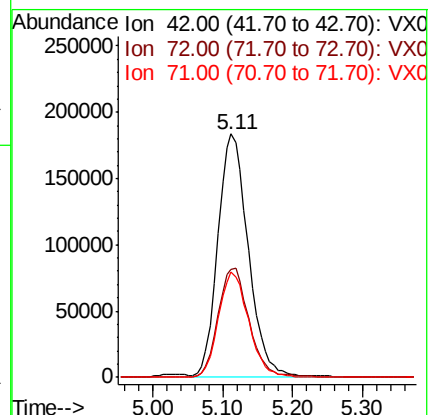
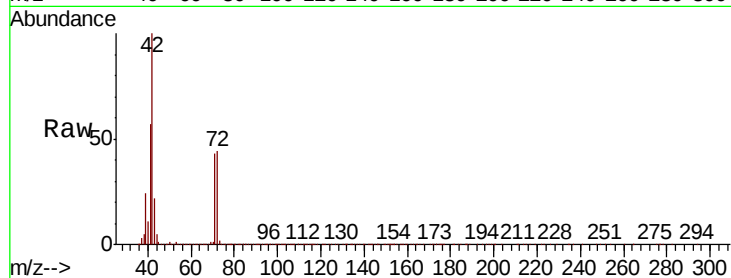
Tot Ion: 42 Resp: 550204

Ion Ratio Lower Upper

42 100

72 46.0 35.3 52.9

71 43.5 33.1 49.7



#30

Chloroform

Concen: 48.753 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014860.D

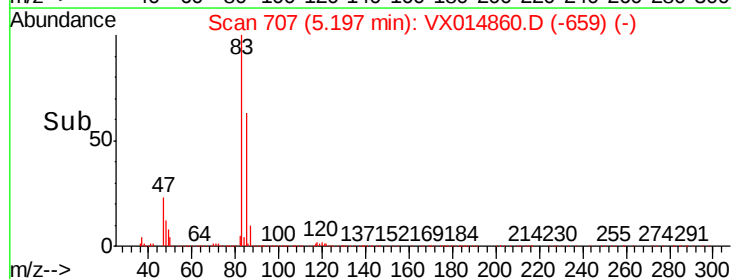
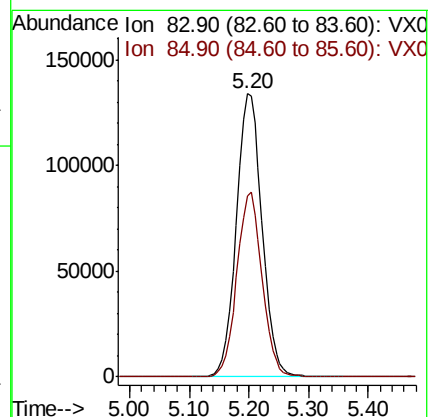
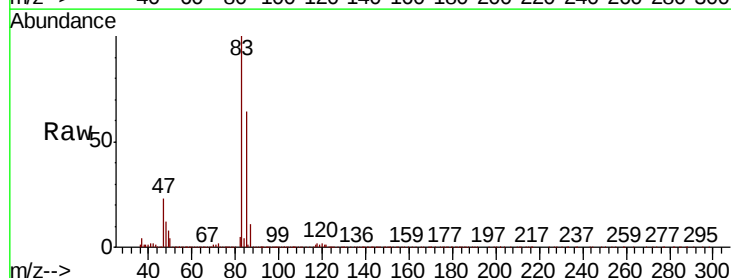
Acq: 06 Feb 2020 20:03

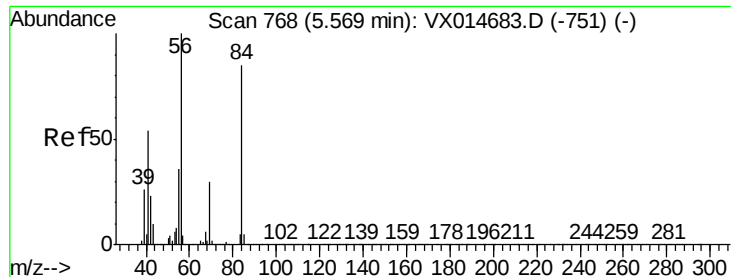
Tgt Ion: 83 Resp: 401660

Ion Ratio Lower Upper

83 100

85 63.7 51.7 77.5

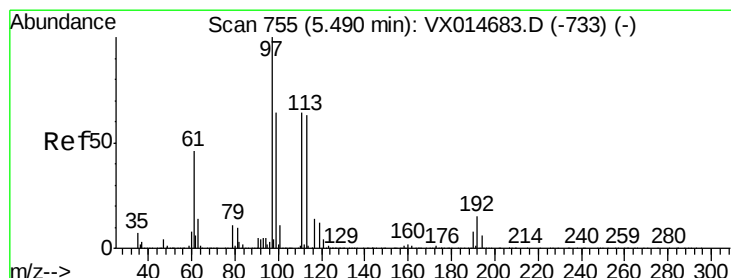
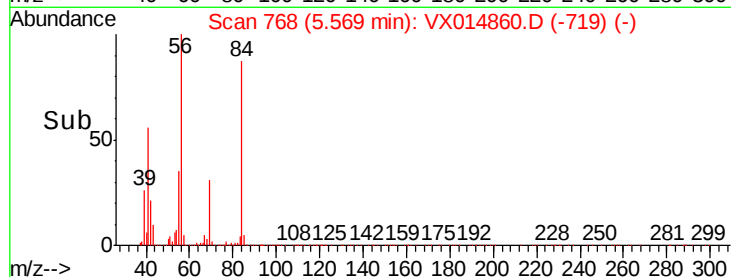
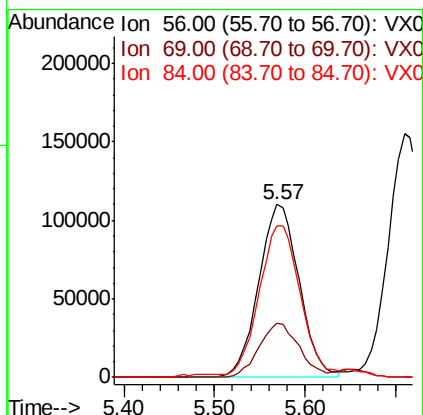
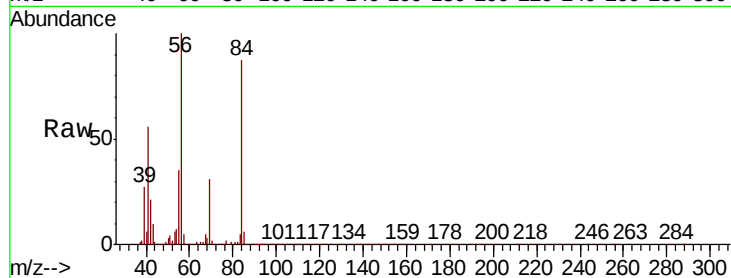




#31
Cyclohexane
Concen: 43.266 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

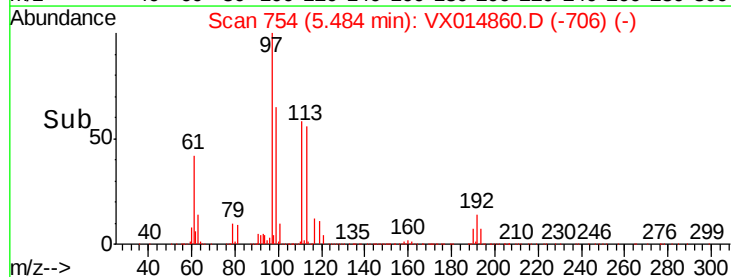
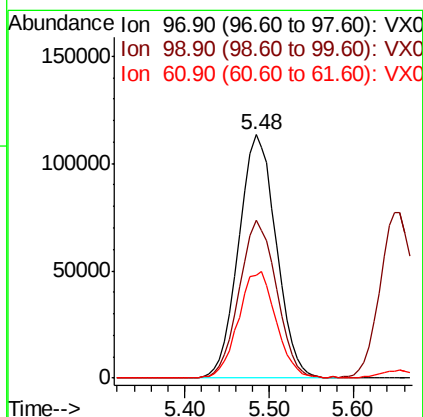
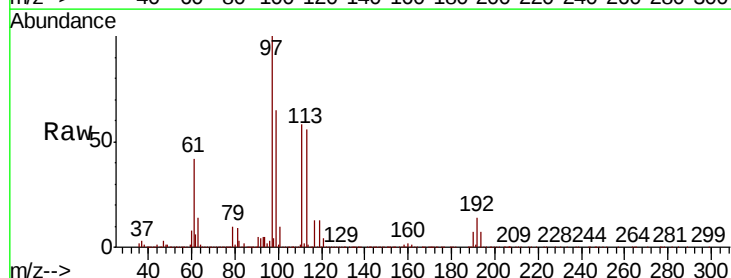
Instrument :
MSVOA_X
ClientSampleId :

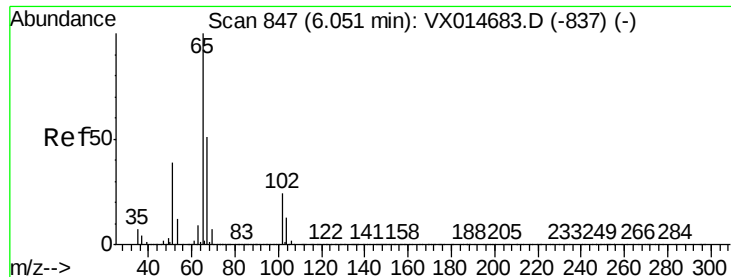
Tot Ion: 56 Resp: 338438
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 86.3 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 49.075 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 97 Resp: 341757
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 44.2 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 45.564 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

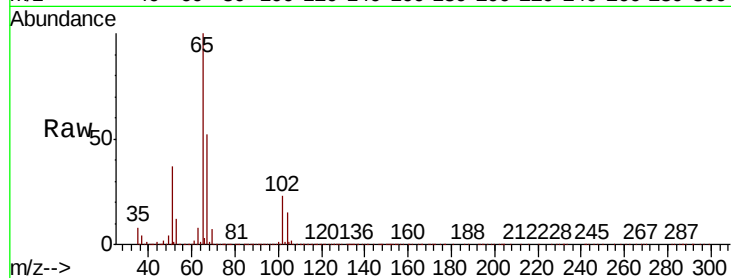
ClientSampleId :

Tot Ion: 65 Resp: 229210

Ion Ratio Lower Upper

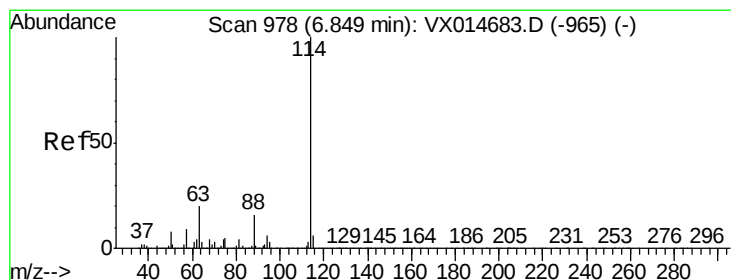
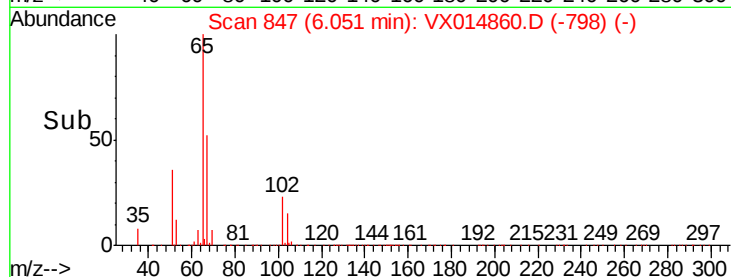
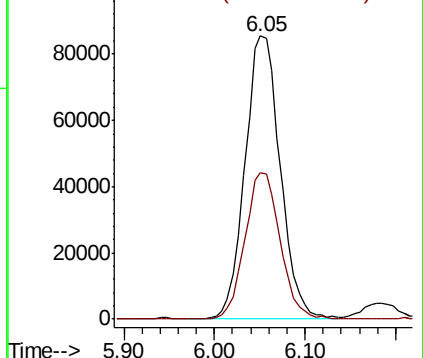
65 100

67 51.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

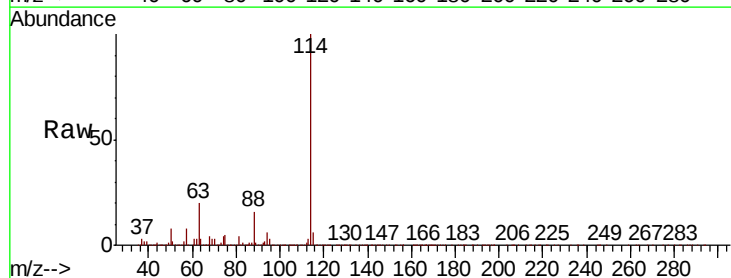
Tgt Ion: 114 Resp: 657022

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

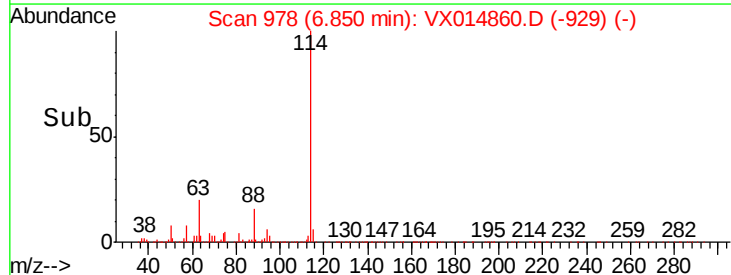
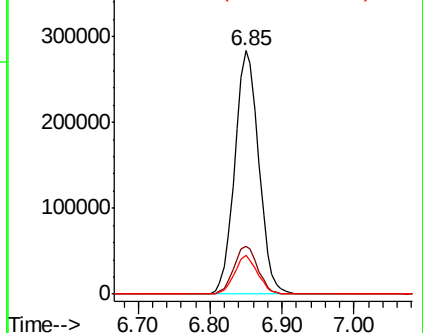
88 16.0 0.0 31.2

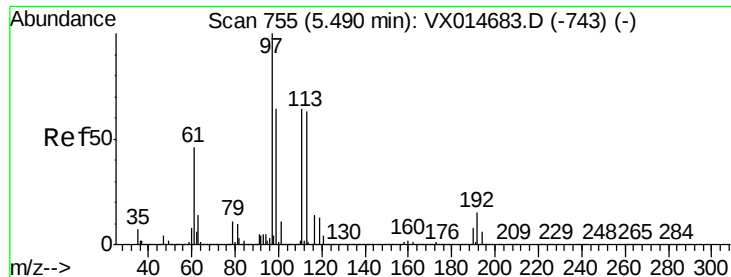


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.880 ug/l

RT: 5.49 min Scan# 755

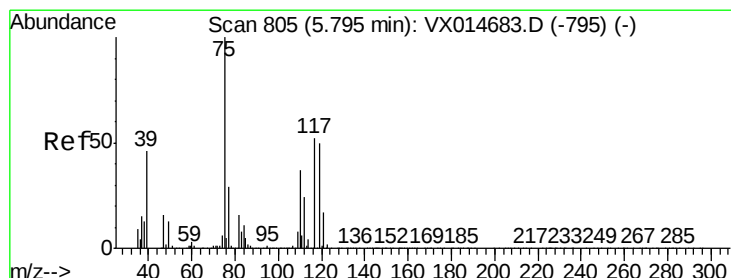
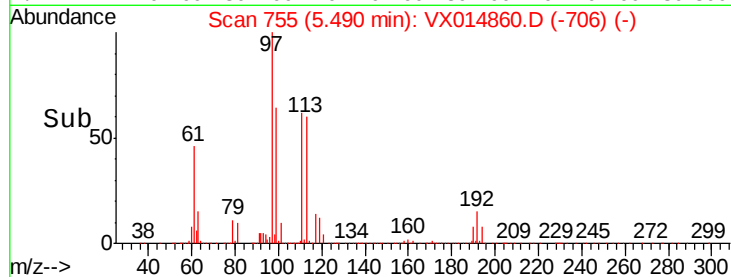
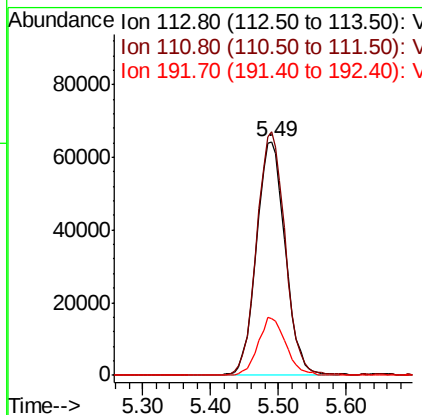
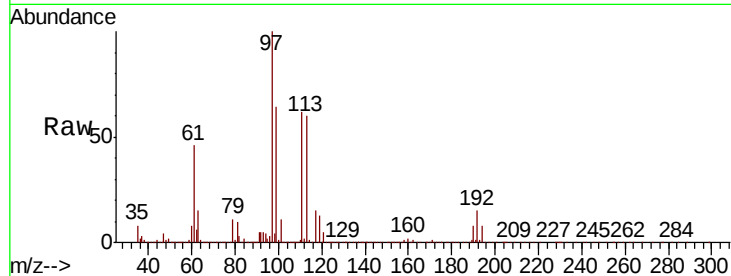
Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	190206
Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	24.0	18.5	27.7



#36

1,1-Dichloropropene

Concen: 46.454 ug/l

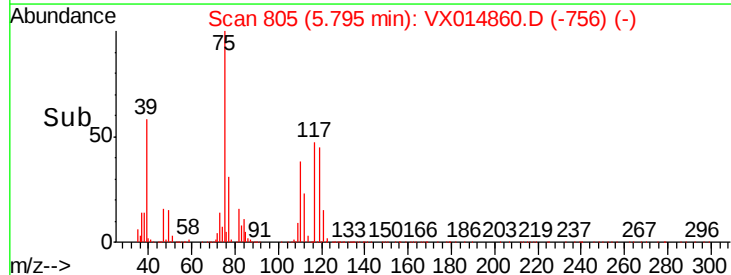
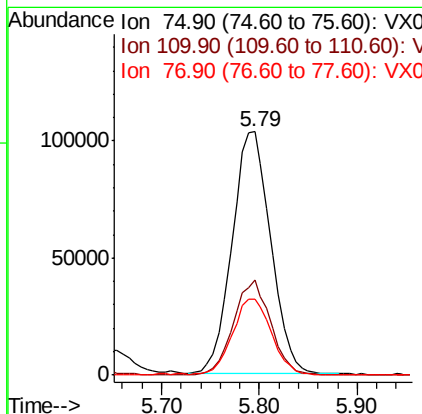
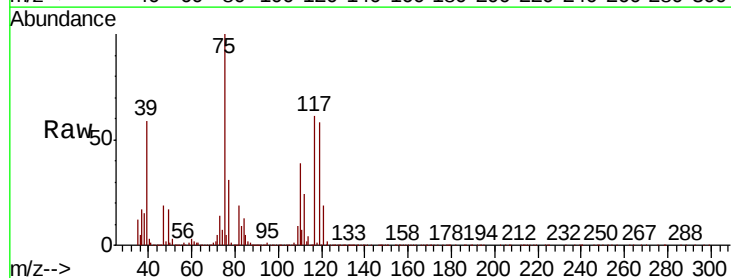
RT: 5.79 min Scan# 805

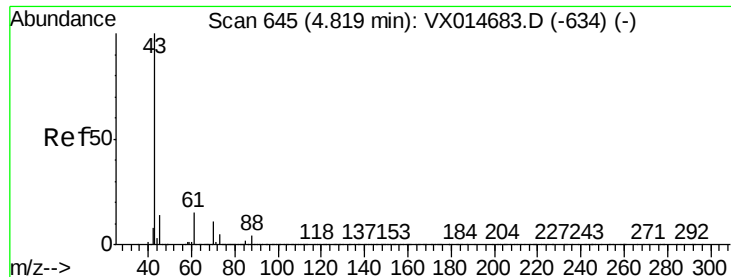
Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Tgt Ion:	75	Resp:	283600
Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.9	53.7
77	31.0	24.1	36.1

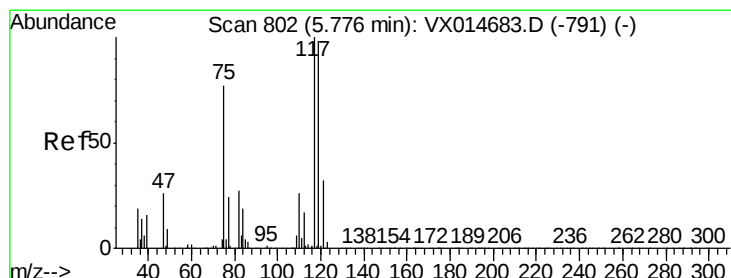
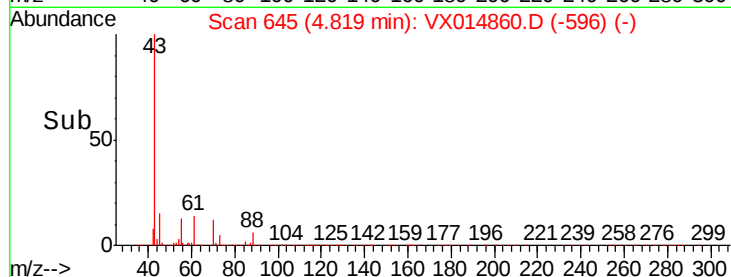
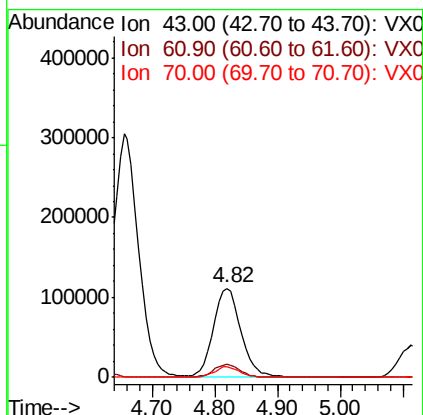
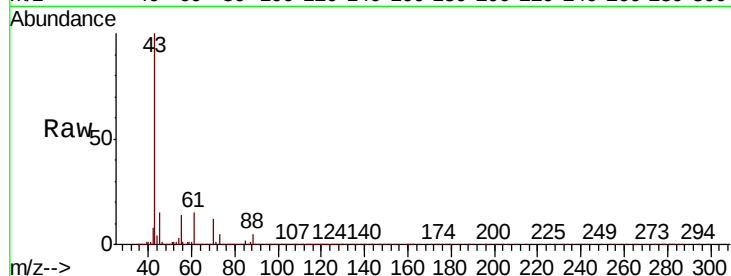




#37
Ethyl Acetate
Concen: 48.143 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

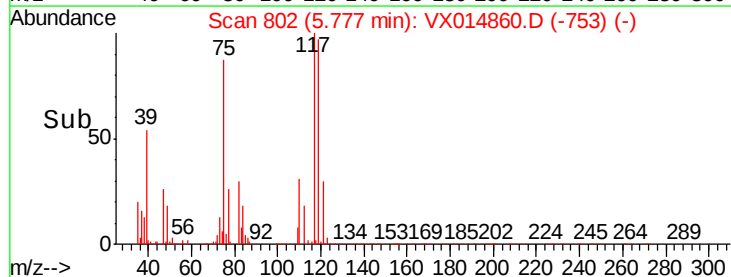
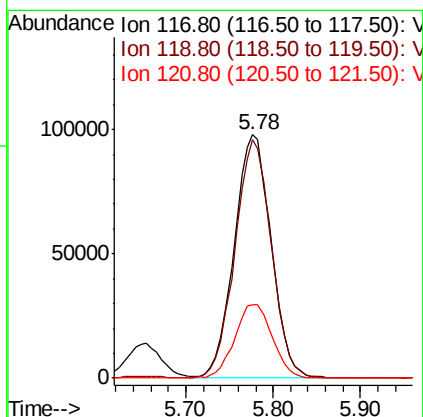
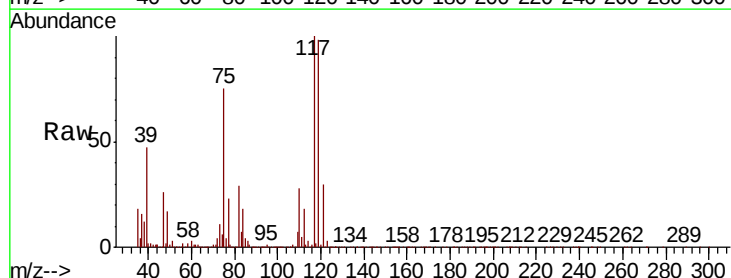
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 336634
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.941 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 117 Resp: 285353
Ion Ratio Lower Upper
117 100
119 98.3 77.9 116.9
121 30.4 25.4 38.2

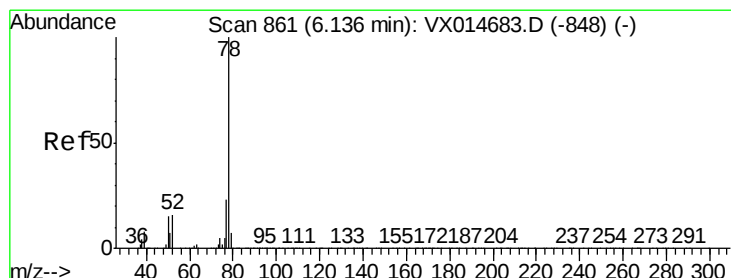
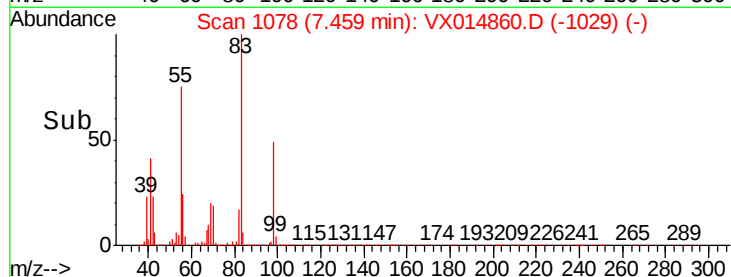
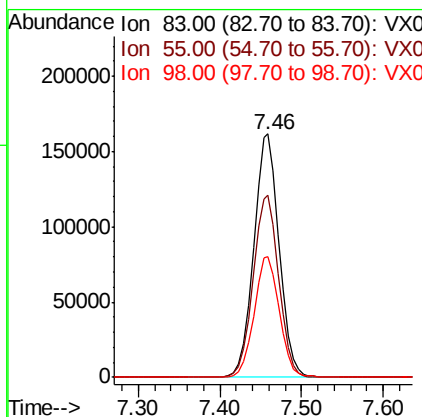
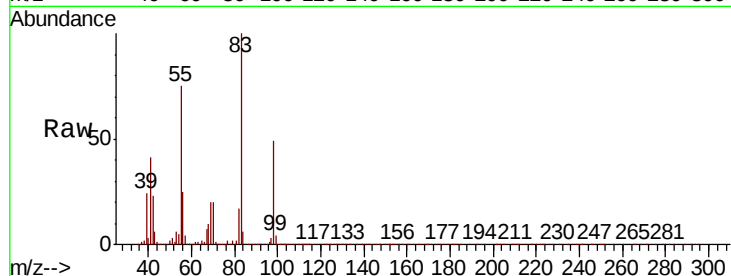




#39
Methvlcvclohexane
Concen: 45.894 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

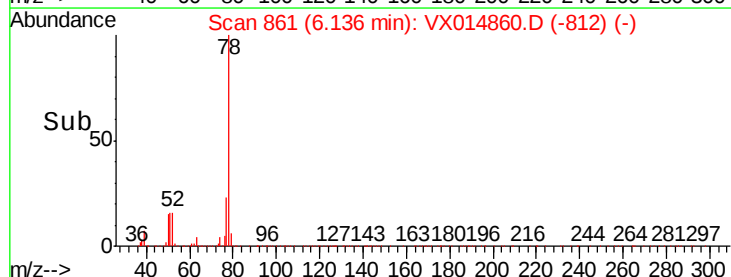
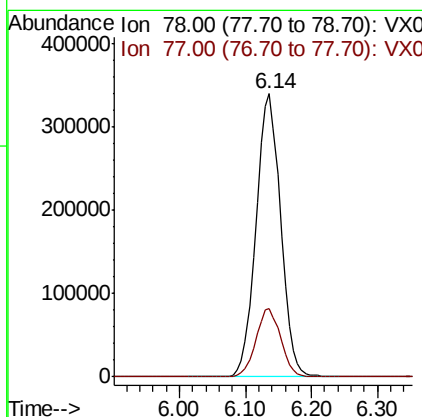
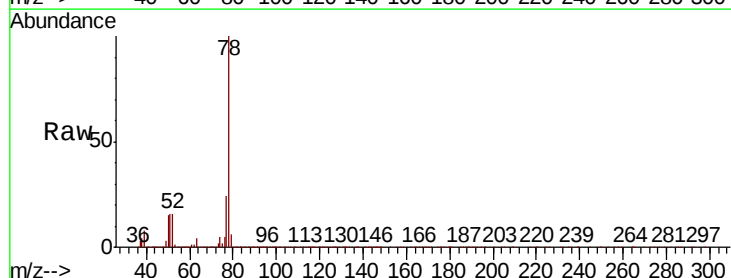
Instrument :
MSVOA_X
ClientSampleId :

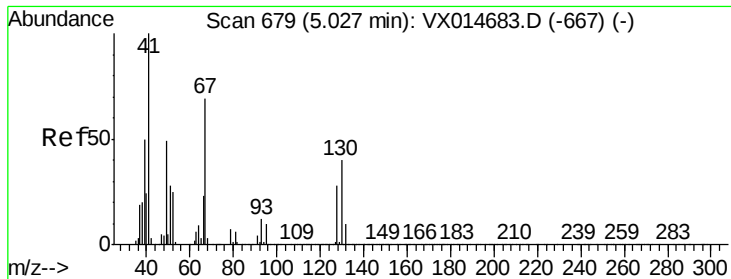
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	65.6	98.4
98	49.4	40.2	60.4



#40
Benzene
Concen: 46.737 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





#41

Methacrylonitrile

Concen: 46.880 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 187076

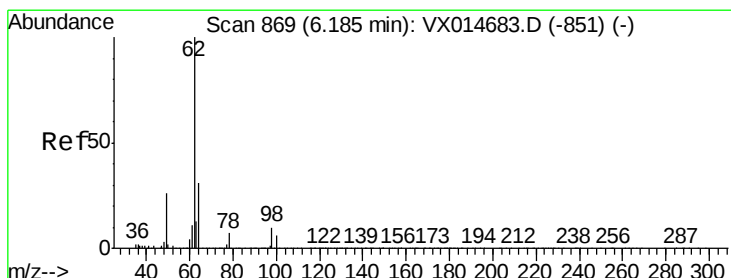
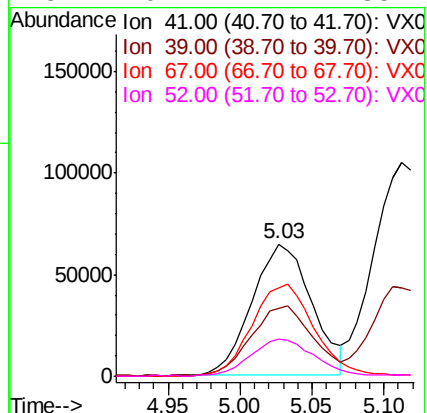
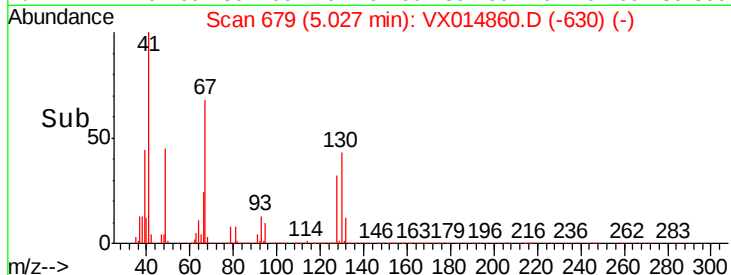
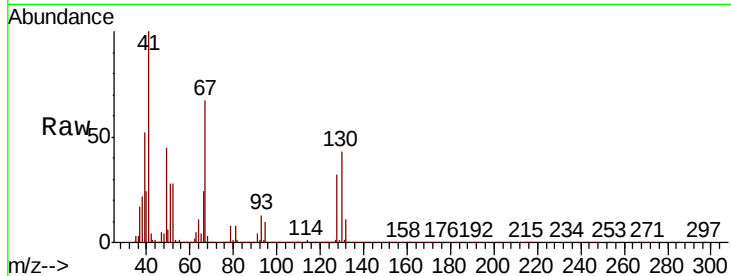
Ion Ratio Lower Upper

41 100

39 54.5 42.2 63.2

67 72.6 55.4 83.0

52 29.4 22.1 33.1



#42

1,2-Dichloroethane

Concen: 49.419 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014860.D

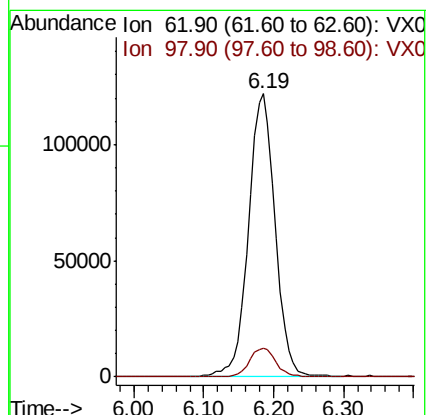
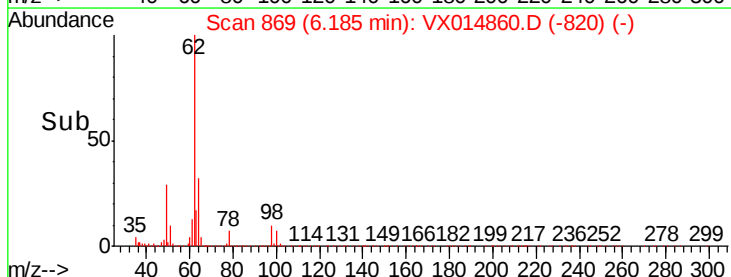
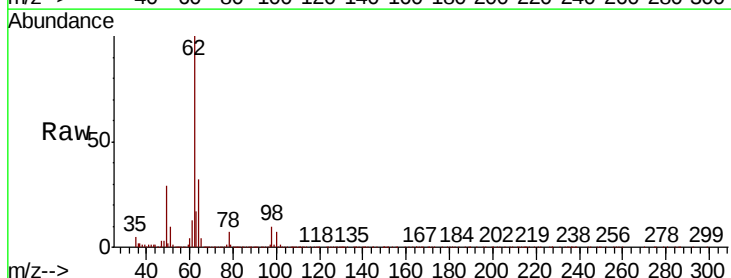
Acq: 06 Feb 2020 20:03

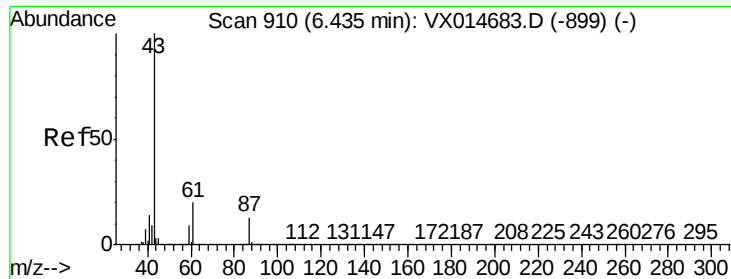
Tgt Ion: 62 Resp: 321916

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.0



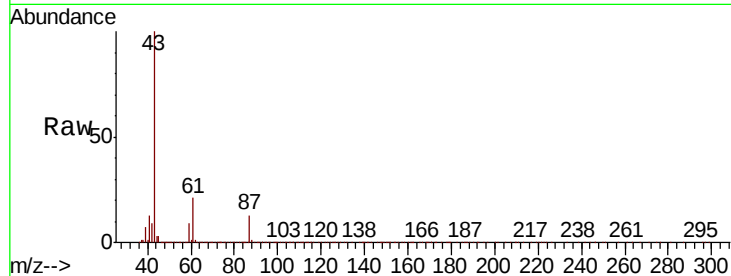


#43

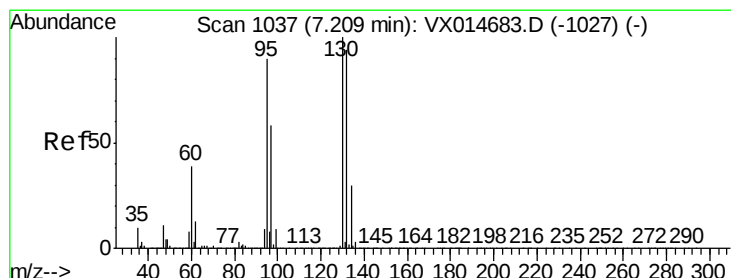
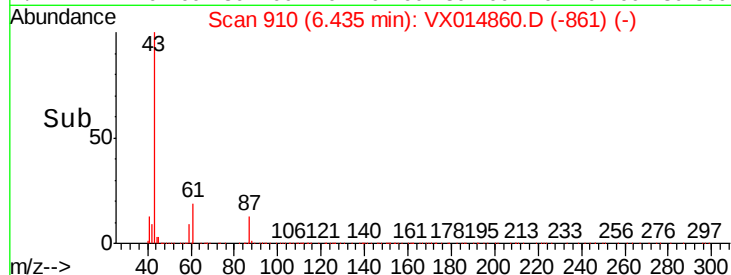
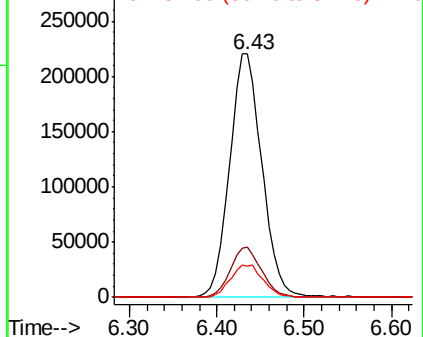
Isopropyl Acetate
 Concen: 49.149 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.4	10.5	15.7



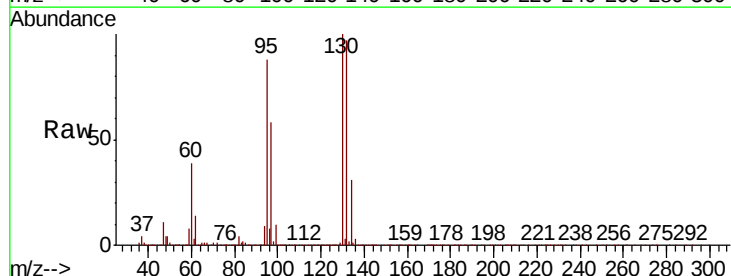
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



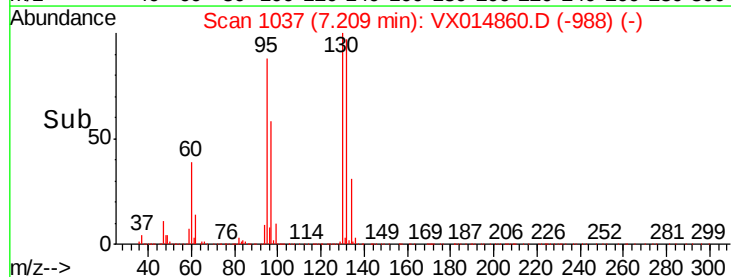
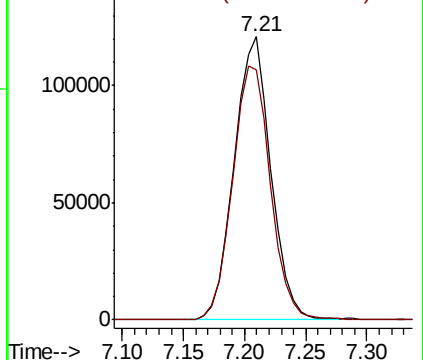
#44

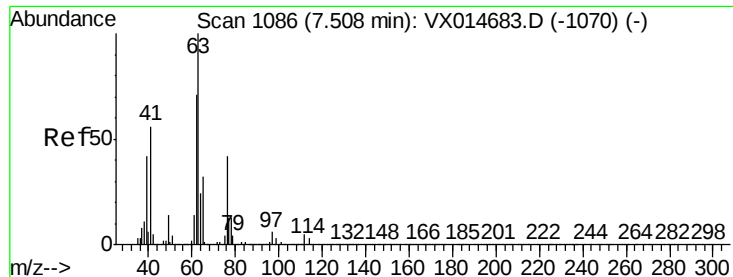
Trichloroethene
 Concen: 46.962 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	179.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

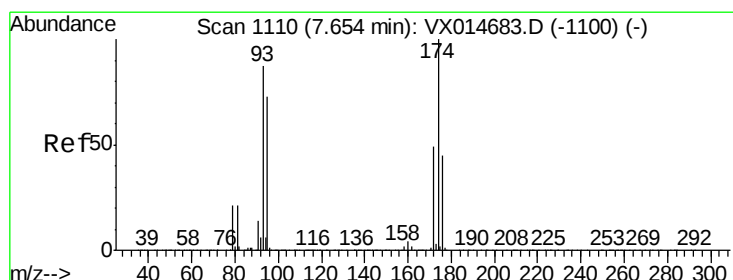
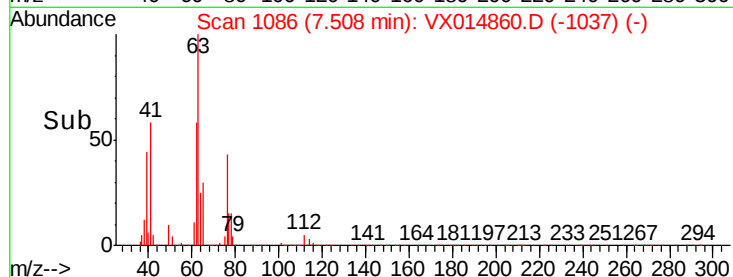
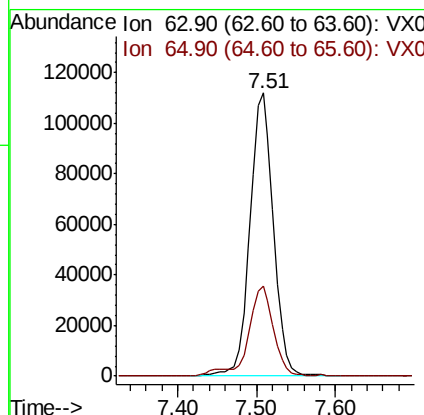
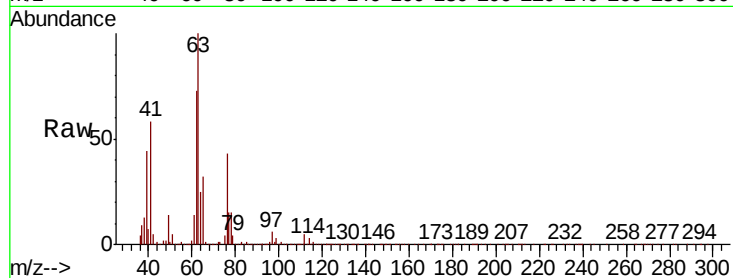




#45
 1,2-Dichloropropane
 Concen: 47.091 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

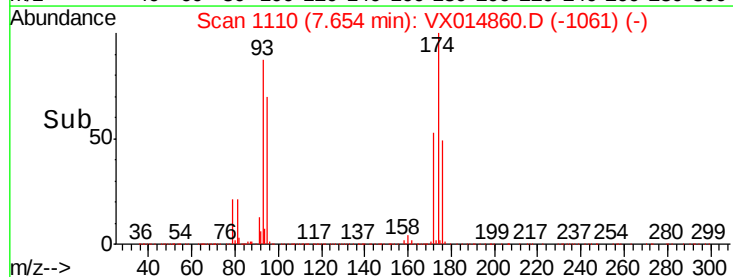
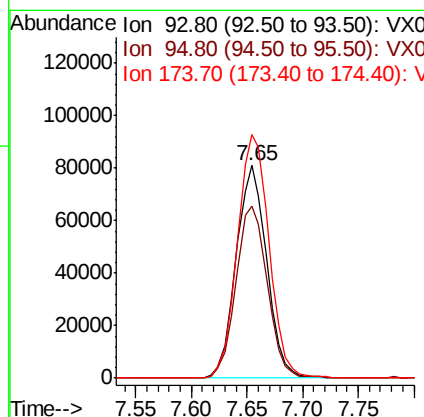
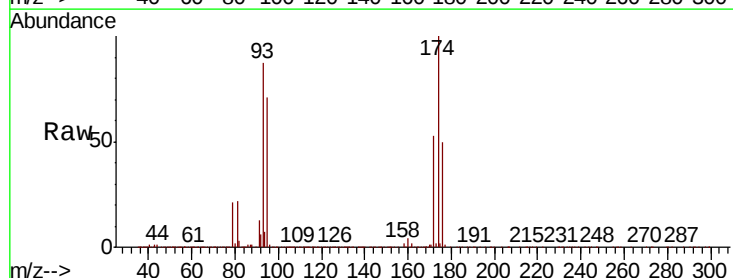
Instrument :
 MSVOA_X
 ClientSampleId :

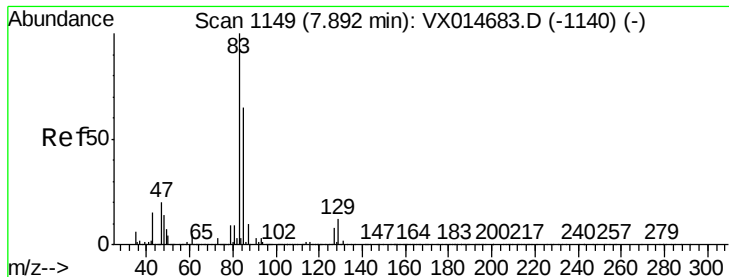
Tot Ion: 63 Resp: 228845
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.2 37.8



#46
 Dibromomethane
 Concen: 48.926 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion: 93 Resp: 153987
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 119.0 90.2 135.2





#47

Bromodichloromethane

Concen: 49.881 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

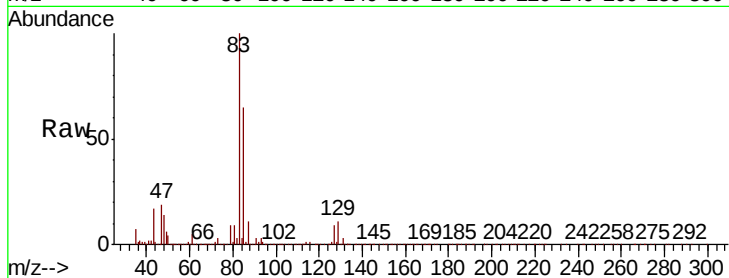
Tot Ion: 83 Resp: 307915

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

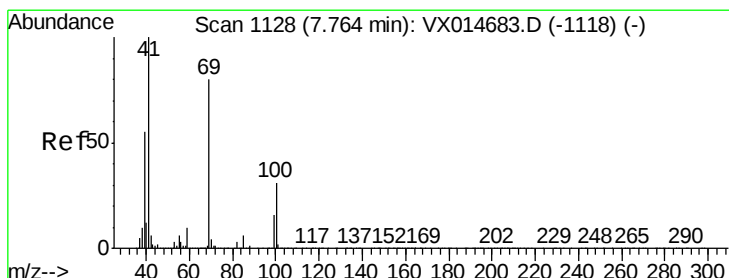
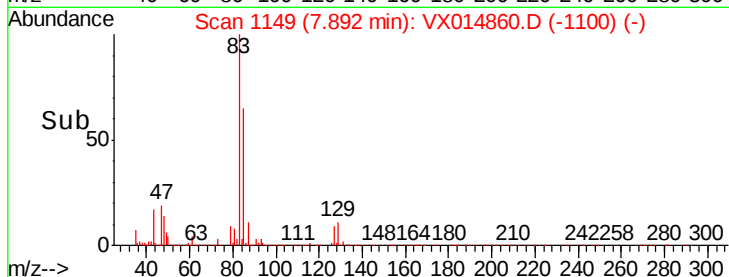
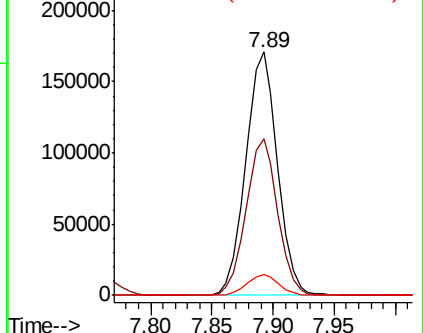
127 8.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.459 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

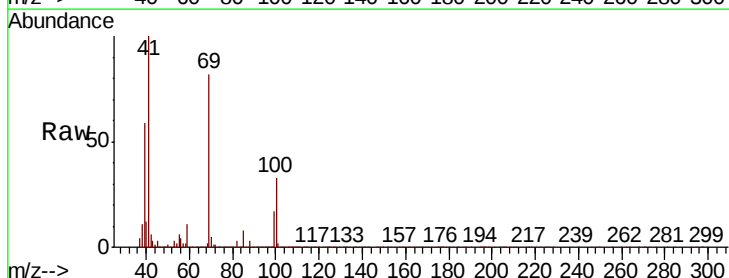
Tgt Ion: 41 Resp: 276056

Ion Ratio Lower Upper

41 100

69 80.7 63.5 95.3

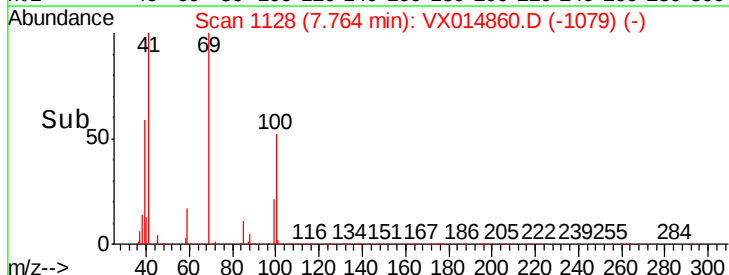
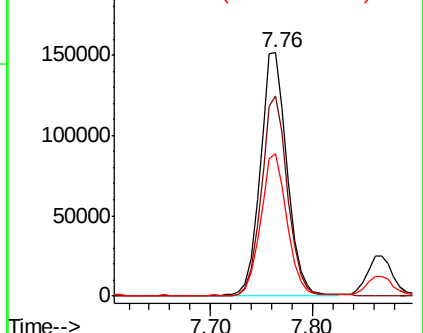
39 57.4 43.7 65.5

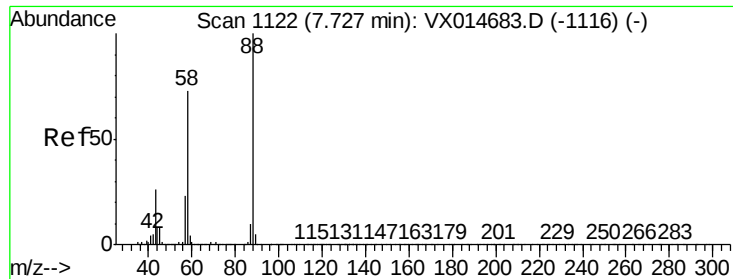


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 888.321 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

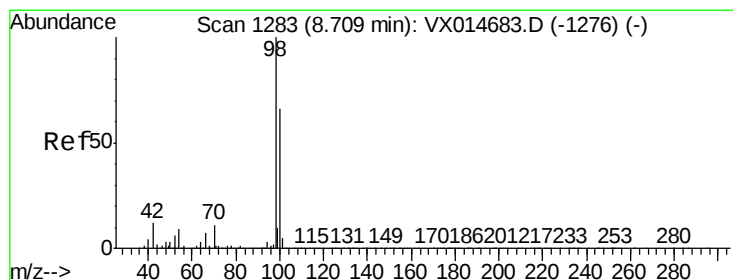
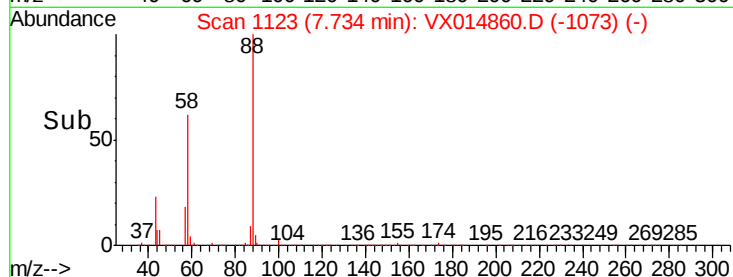
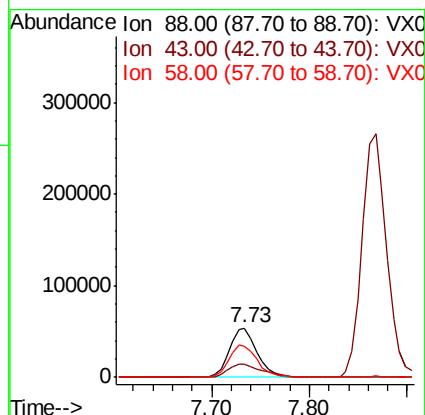
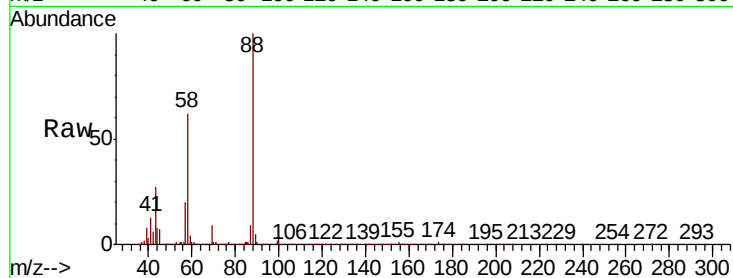
Tot Ion: 88 Resp: 103018

Ion Ratio Lower Upper

88 100

43 33.3 26.2 39.2

58 67.1 56.6 85.0



#50

Toluene-d8

Concen: 44.669 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014860.D

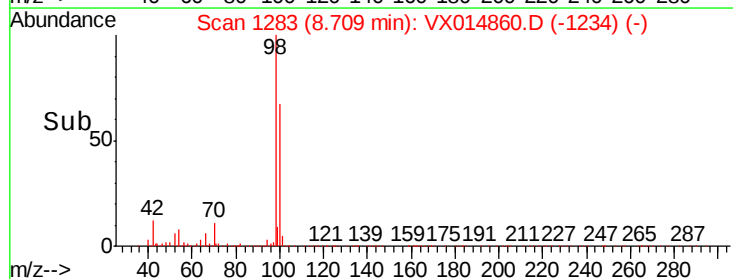
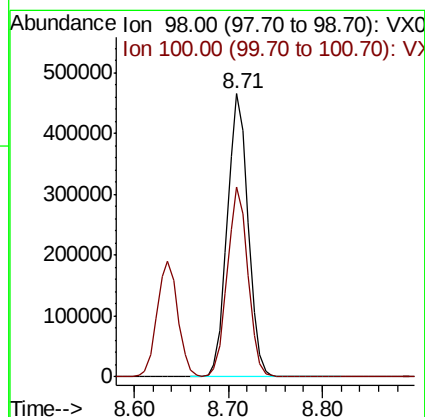
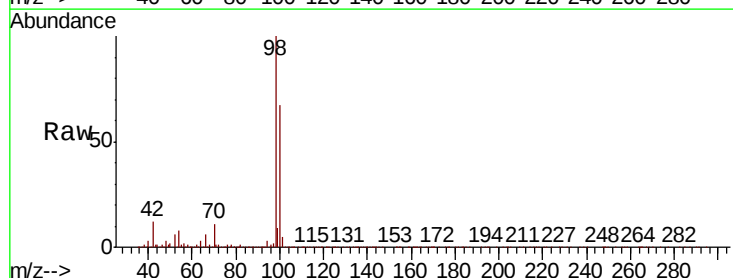
Acq: 06 Feb 2020 20:03

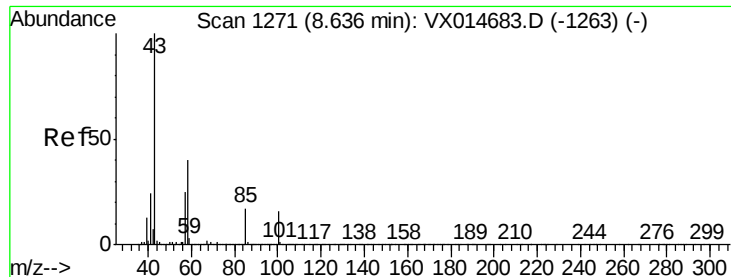
Tgt Ion: 98 Resp: 711940

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 240.026 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

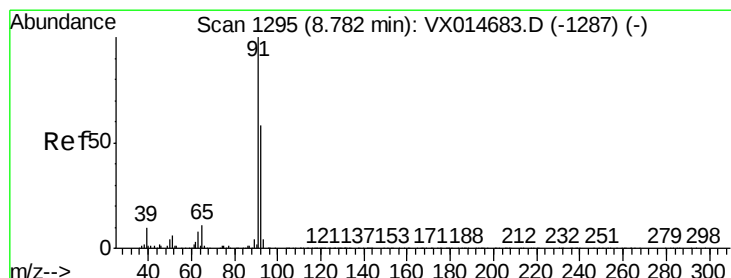
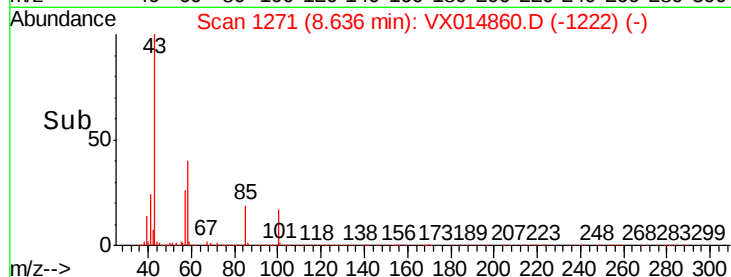
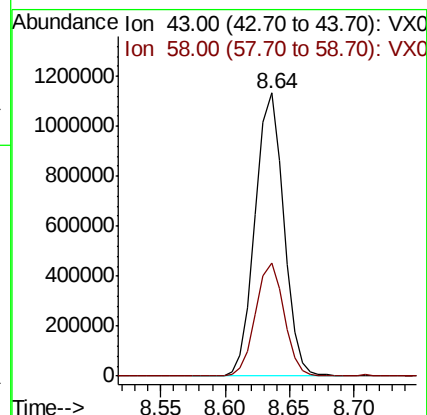
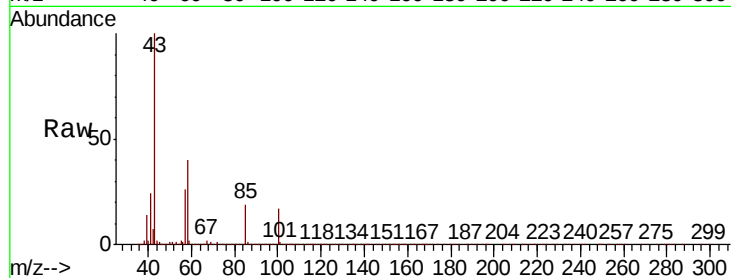
ClientSampleId :

Tot Ion: 43 Resp: 1734622

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 48.803 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014860.D

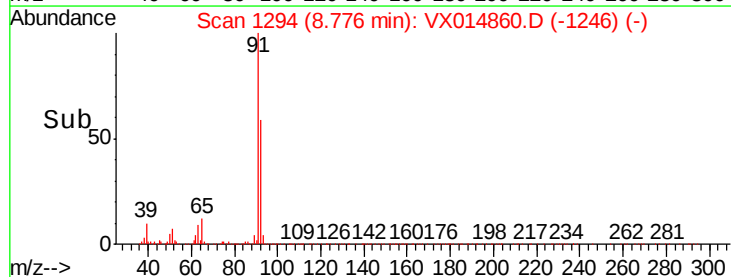
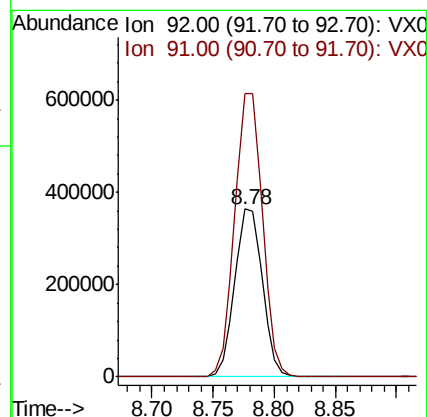
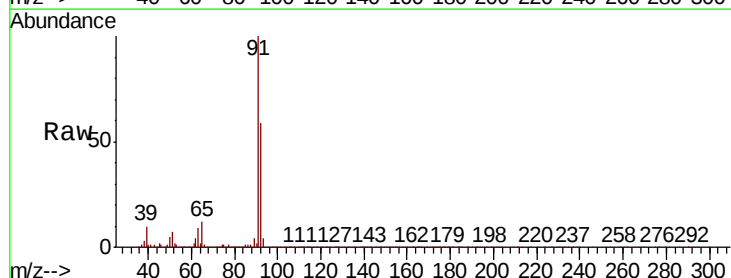
Acq: 06 Feb 2020 20:03

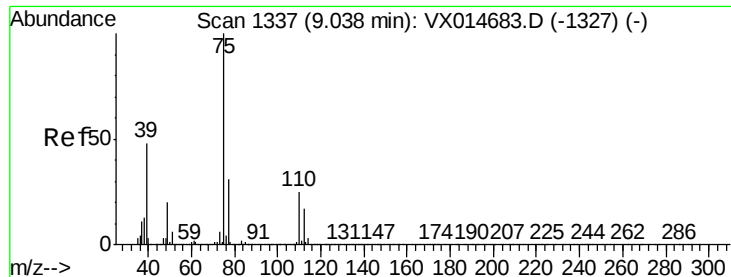
Tgt Ion: 92 Resp: 565892

Ion Ratio Lower Upper

92 100

91 170.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 52.047 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

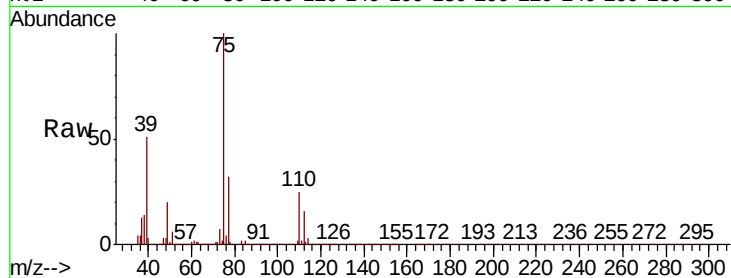
ClientSampleId :

Tot Ion: 75 Resp: 345947

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

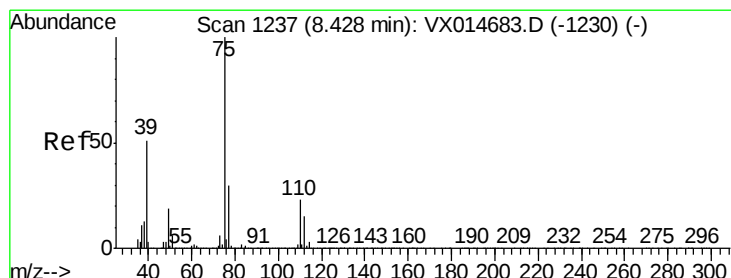
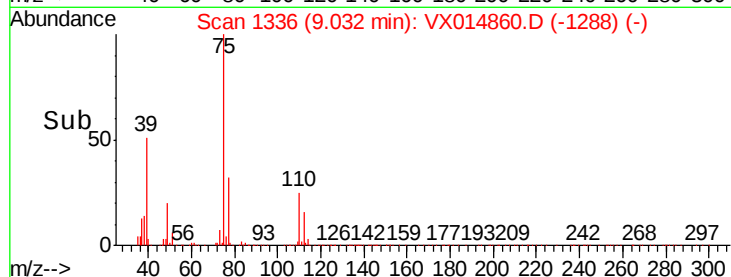
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 51.402 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

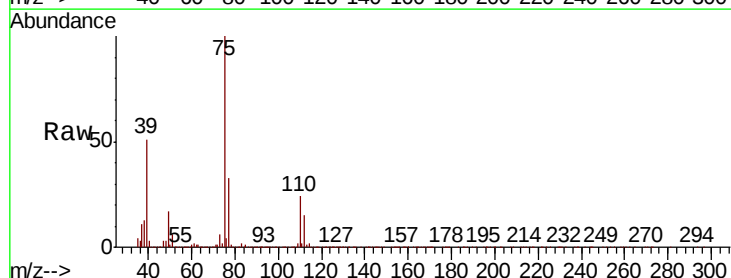
Tgt Ion: 75 Resp: 375857

Ion Ratio Lower Upper

75 100

77 32.6 23.9 35.9

39 50.3 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

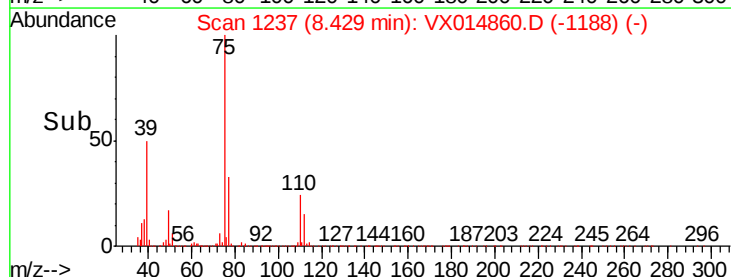
150000

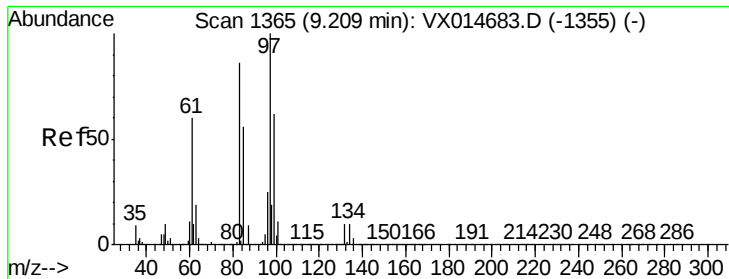
100000

50000

0

Time--> 8.40 8.50

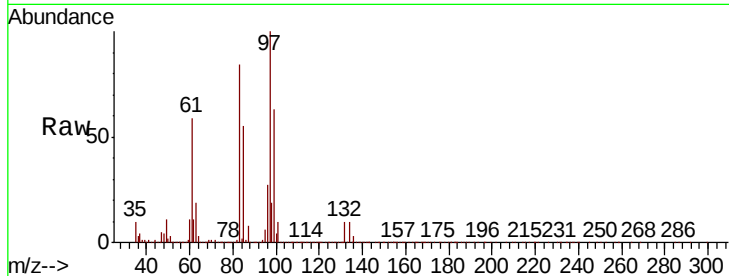




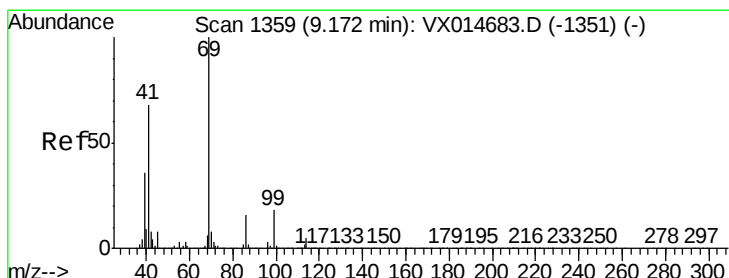
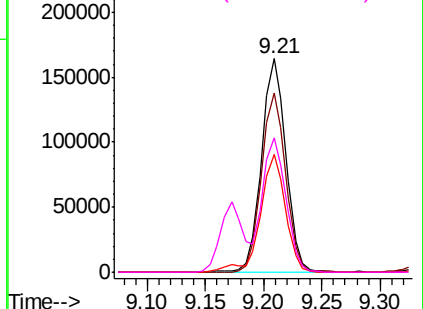
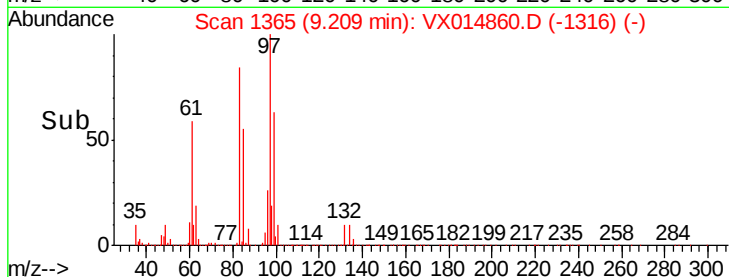
#55
 1,1,2-Trichloroethane
 Concen: 49.974 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	237248
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.2	103.8
85	55.3	44.6	67.0
99	62.9	50.1	75.1

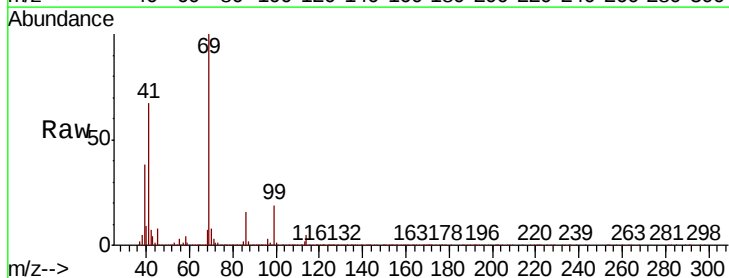


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

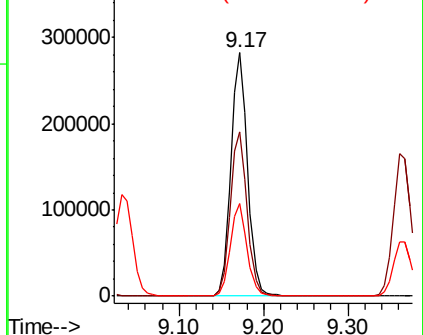
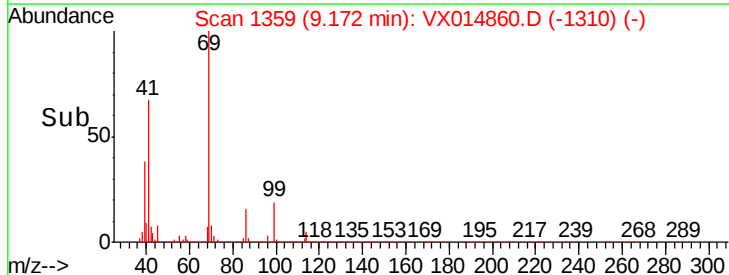


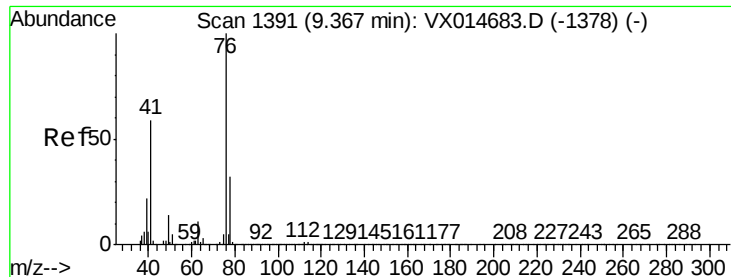
#56
 Ethyl methacrylate
 Concen: 47.523 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion:	69	Resp:	381745
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.9	82.3
39	37.6	29.3	43.9



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





#57

1,3-Dichloropropane

Concen: 49.298 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

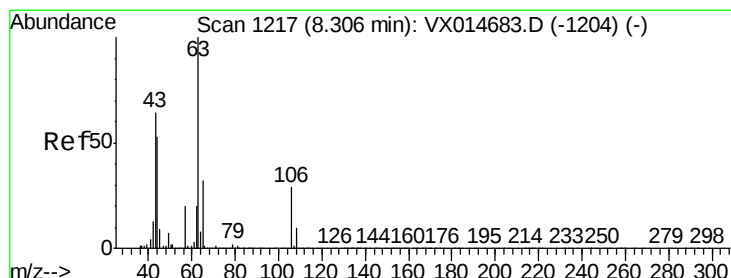
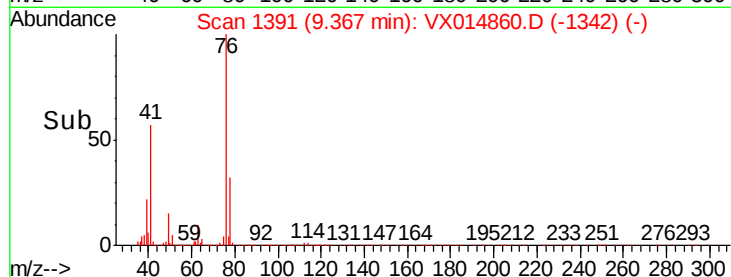
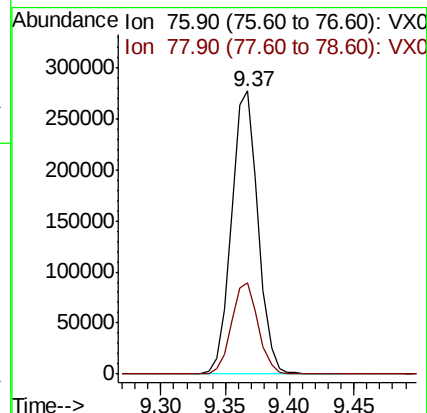
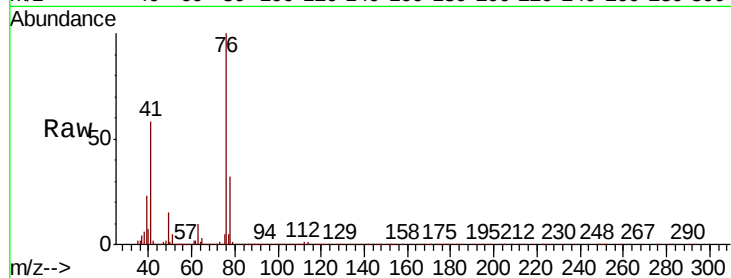
ClientSampleId :

Tot Ion: 76 Resp: 400076

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 251.996 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014860.D

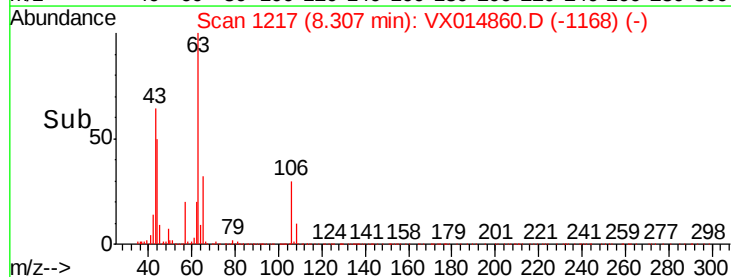
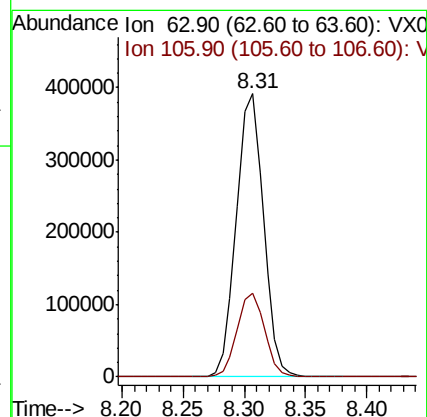
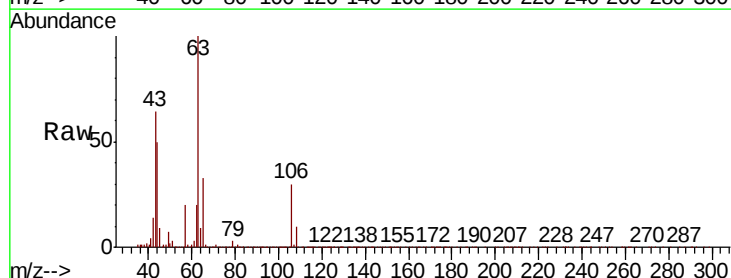
Acq: 06 Feb 2020 20:03

Tgt Ion: 63 Resp: 601643

Ion Ratio Lower Upper

63 100

106 29.9 22.7 34.1

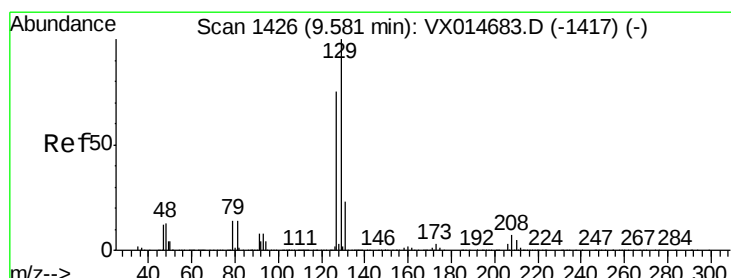
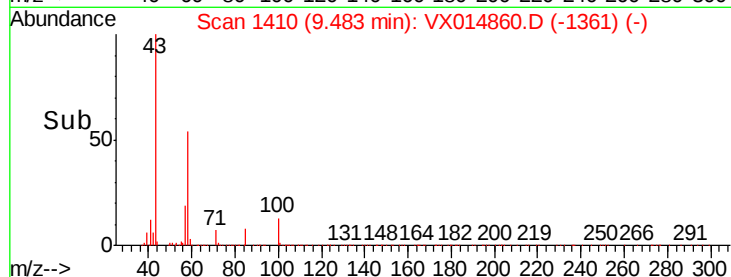
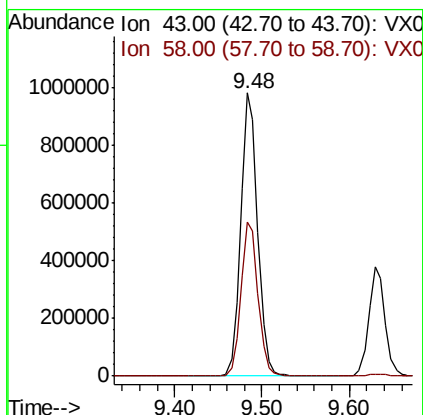
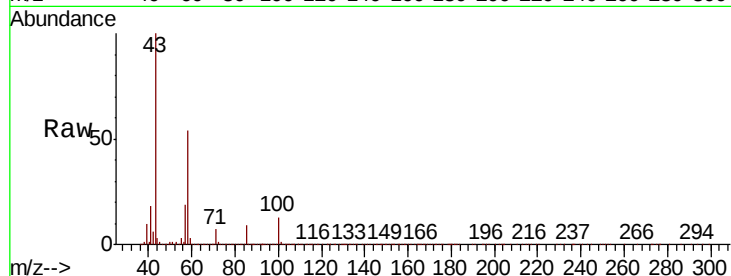




#59
2-Hexanone
Concen: 235.963 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

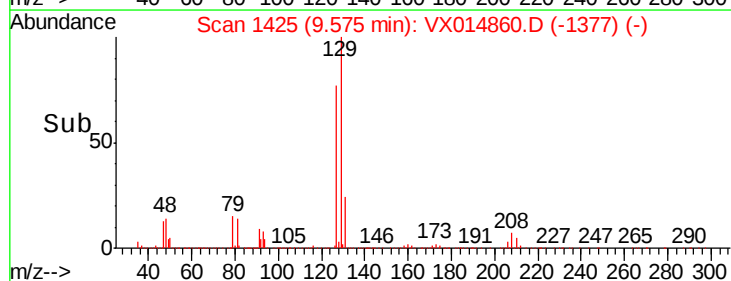
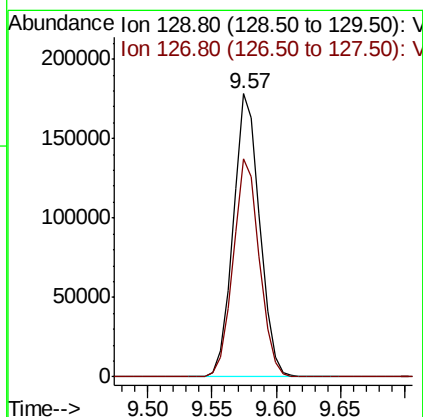
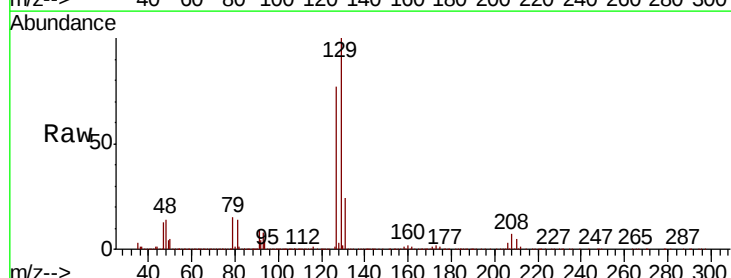
Instrument :
MSVOA_X
ClientSampleId :

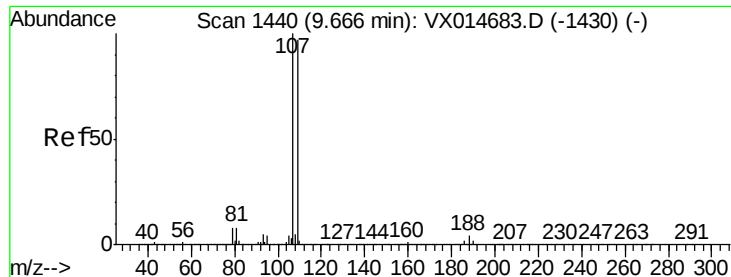
Tot Ion: 43 Resp: 1323256
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5



#60
Dibromochloromethane
Concen: 51.439 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 129 Resp: 254893
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.861 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

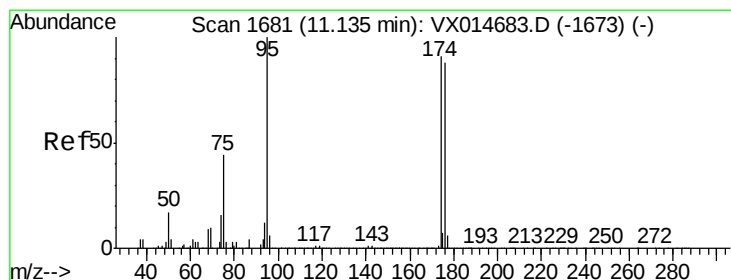
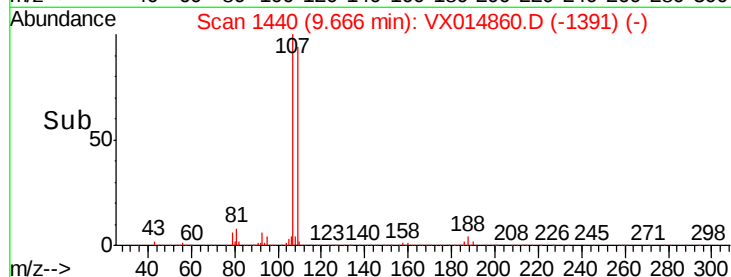
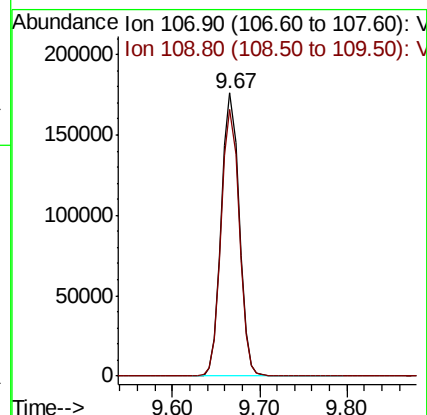
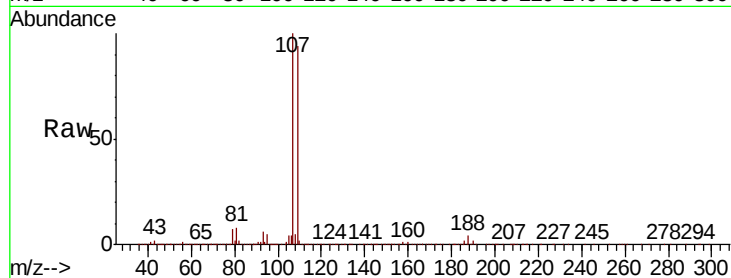
ClientSampleId :

Tot Ion:107 Resp: 250275

Ion Ratio Lower Upper

107 100

109 94.9 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 45.917 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

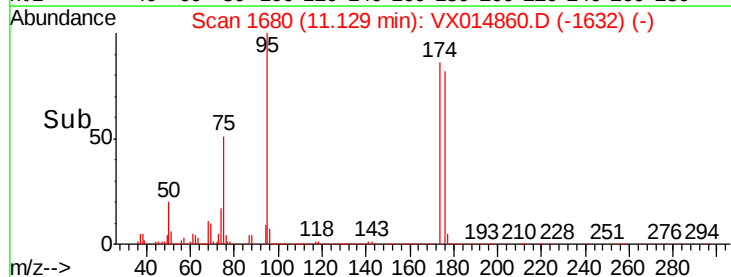
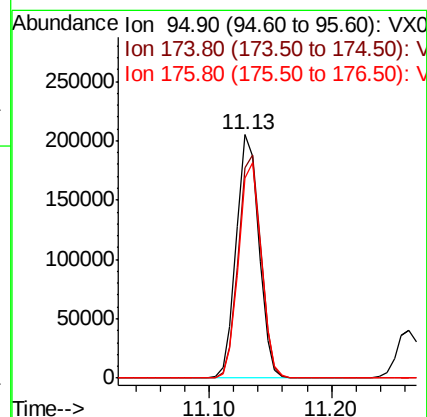
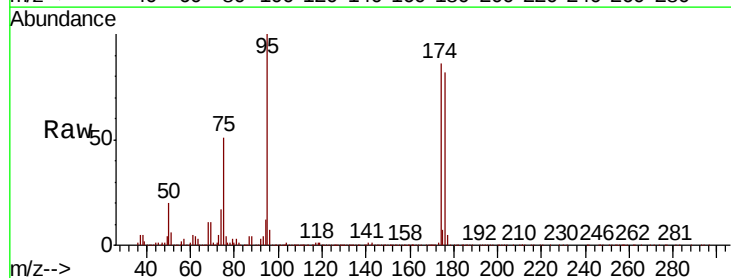
Tgt Ion: 95 Resp: 260695

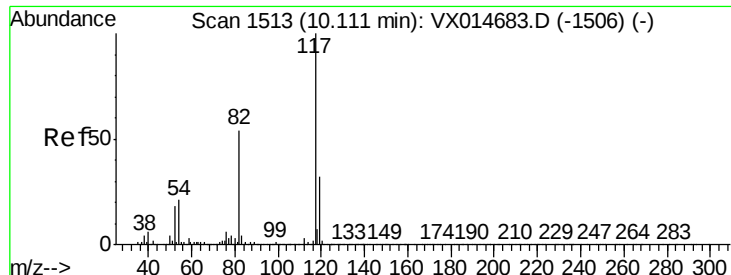
Ion Ratio Lower Upper

95 100

174 92.3 0.0 176.0

176 88.7 0.0 172.2

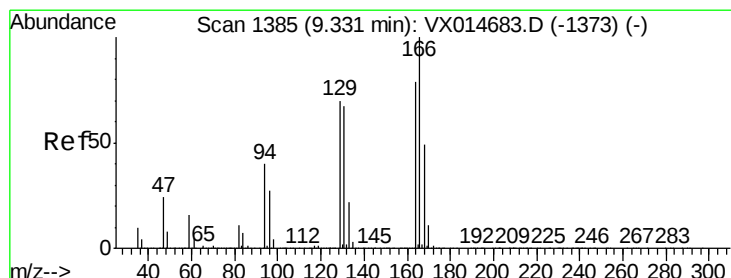
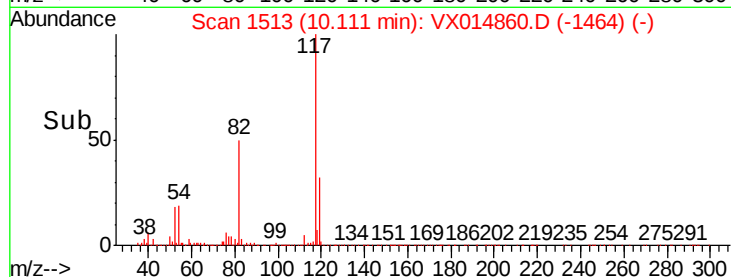
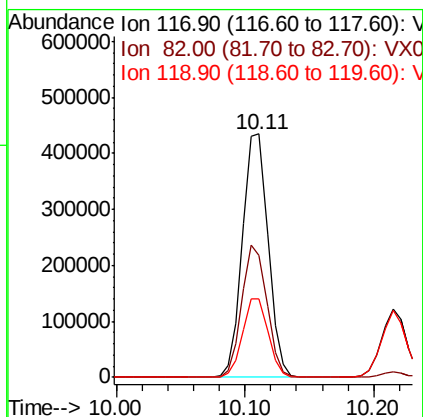
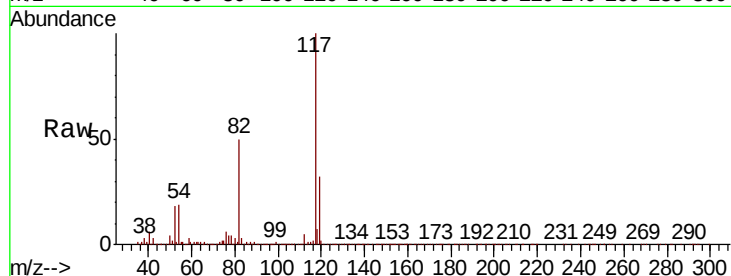




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

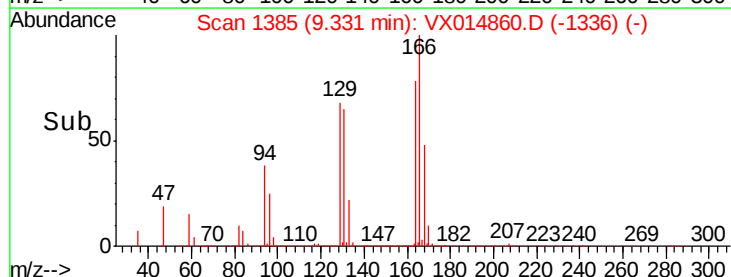
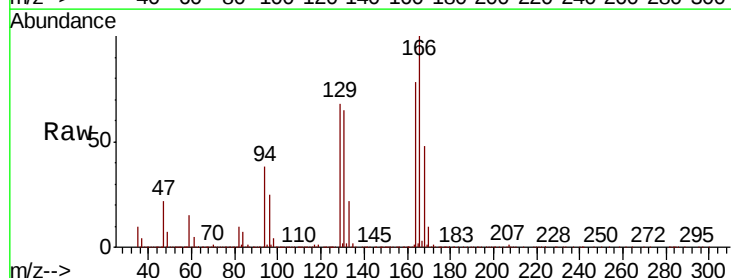
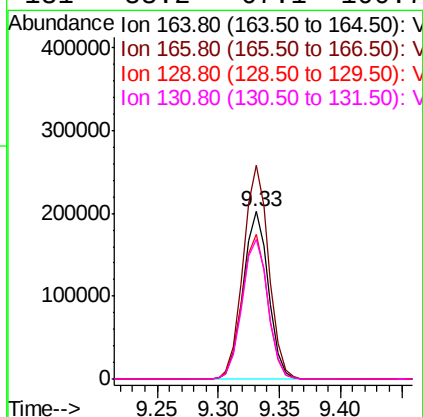
Instrument :
MSVOA_X
ClientSampled :

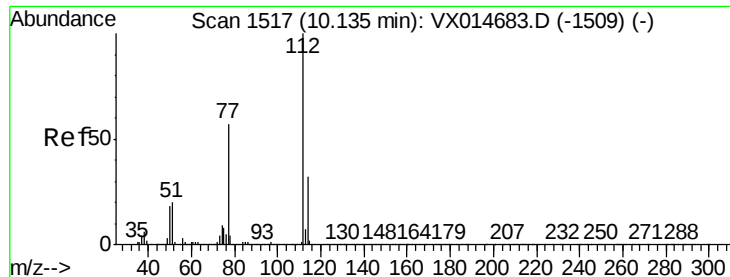
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.2	64.8
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 48.898 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	100.9	151.3
129	86.3	71.0	106.6
131	83.2	67.1	100.7

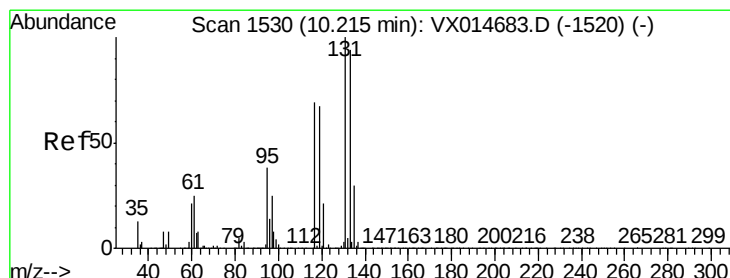
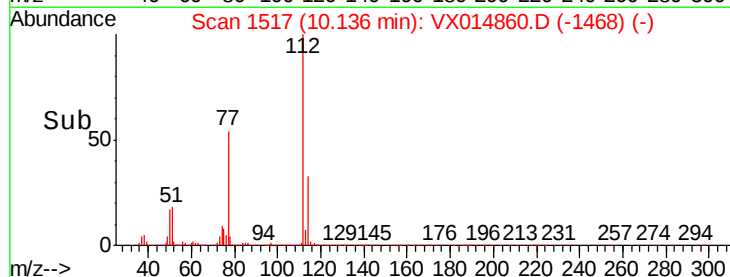
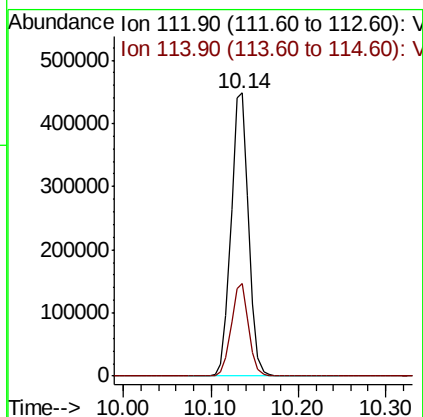
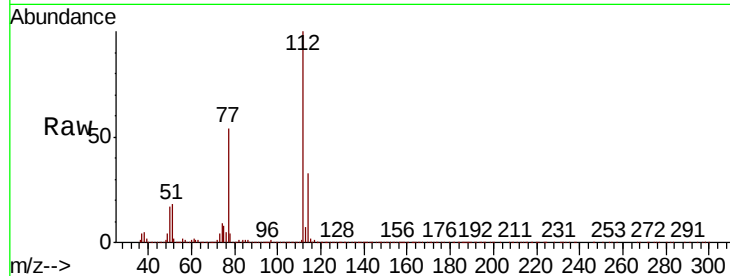




#65
Chlorobenzene
Concen: 48.915 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

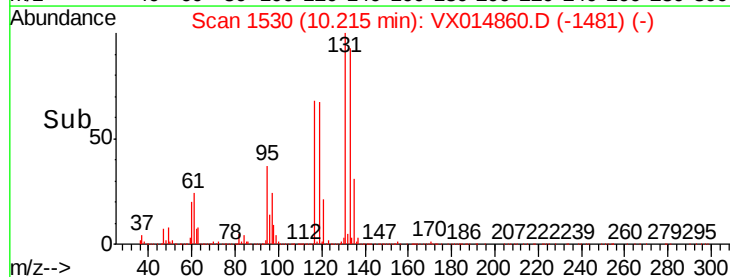
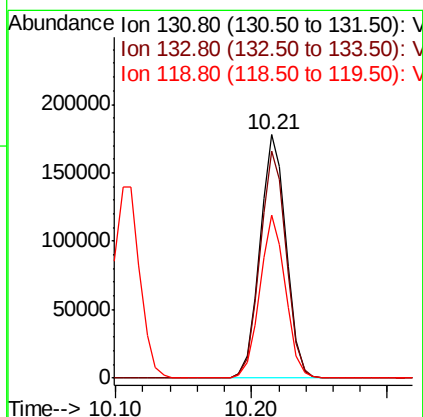
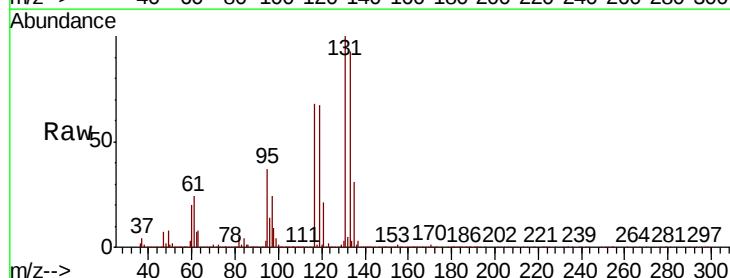
Instrument :
MSVOA_X
ClientSampled :

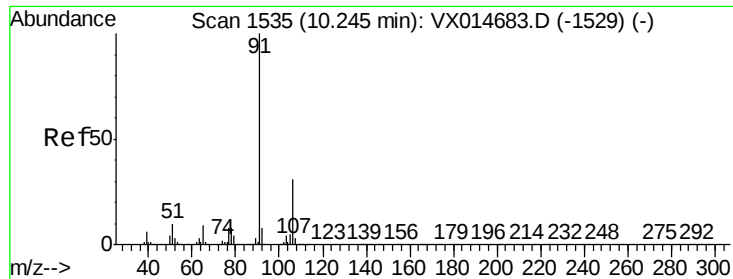
Tot Ion:112 Resp: 627119
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.924 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion:131 Resp: 240722
Ion Ratio Lower Upper
131 100
133 93.6 47.4 142.3
119 65.0 33.3 99.8





#67

Ethyl Benzene

Concen: 50.104 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

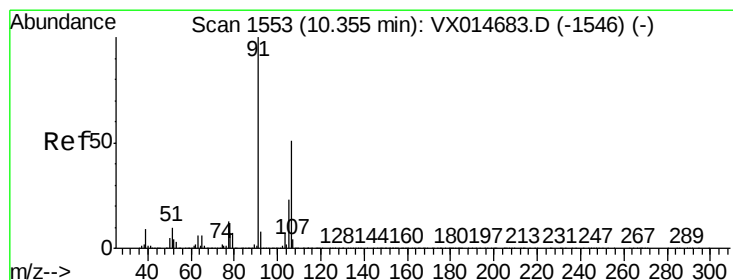
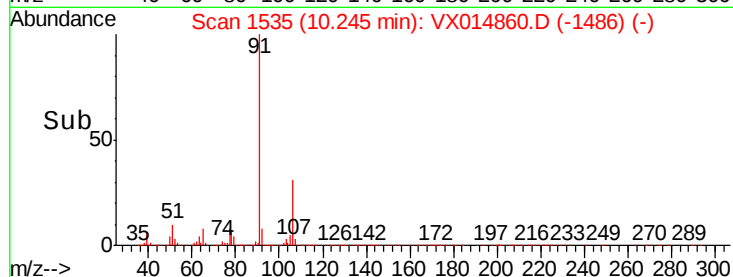
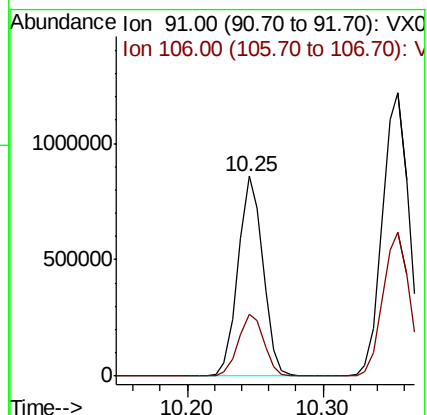
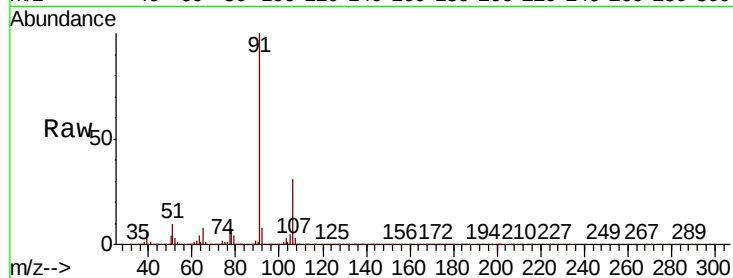
ClientSampleId :

Tot Ion: 91 Resp: 1096835

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 100.507 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014860.D

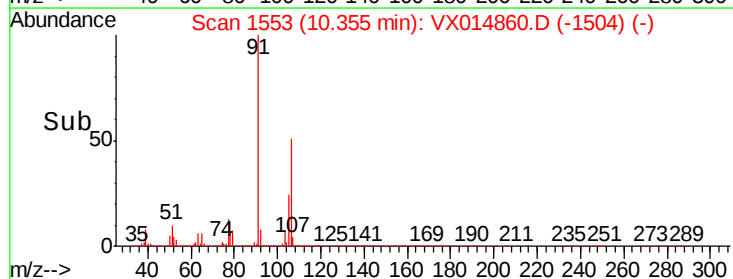
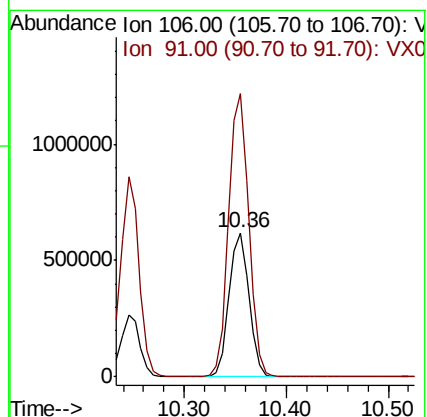
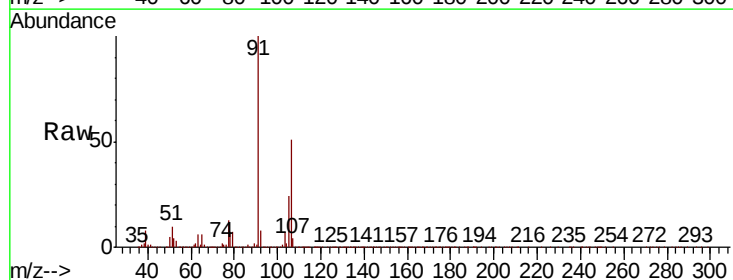
Acq: 06 Feb 2020 20:03

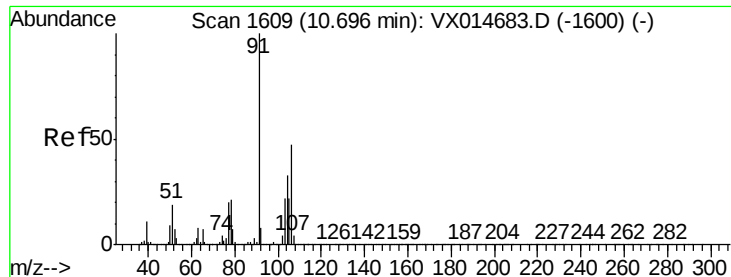
Tgt Ion: 106 Resp: 833544

Ion Ratio Lower Upper

106 100

91 198.1 159.4 239.2

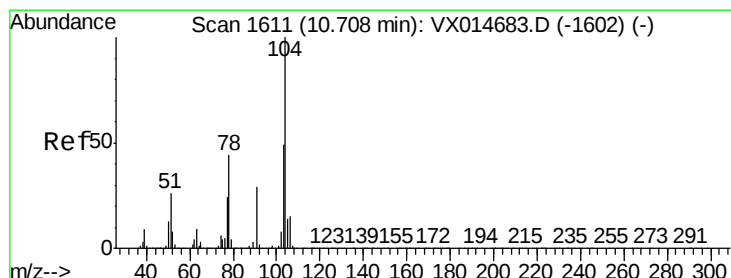
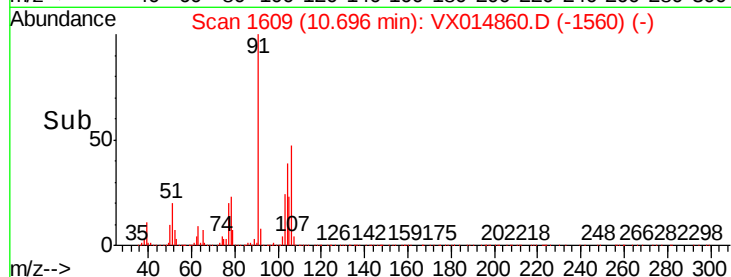
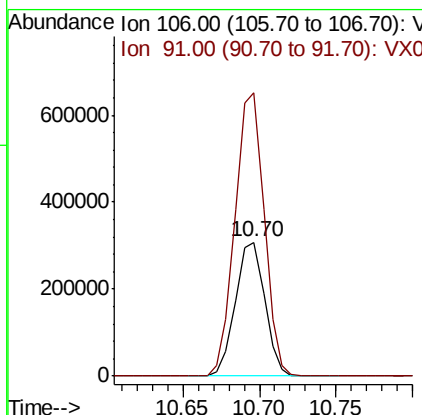
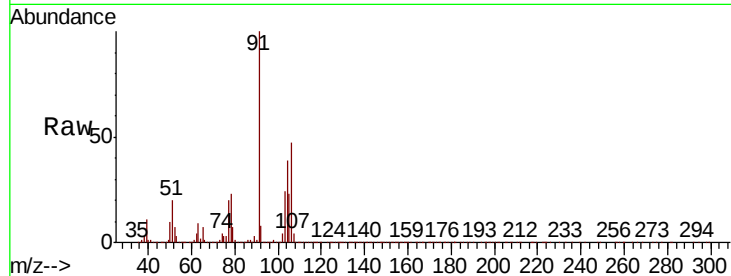




#69
o-Xylene
Concen: 51.257 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

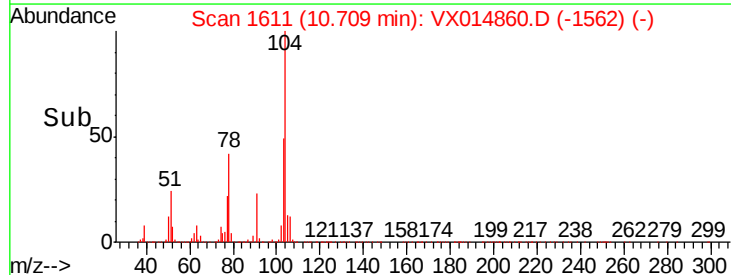
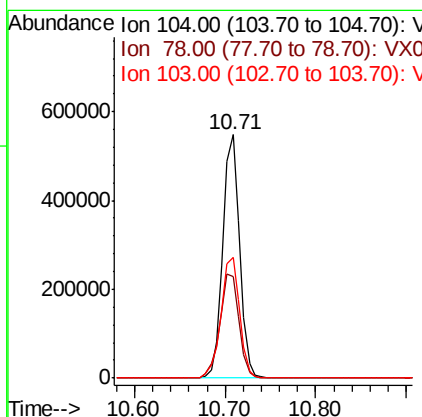
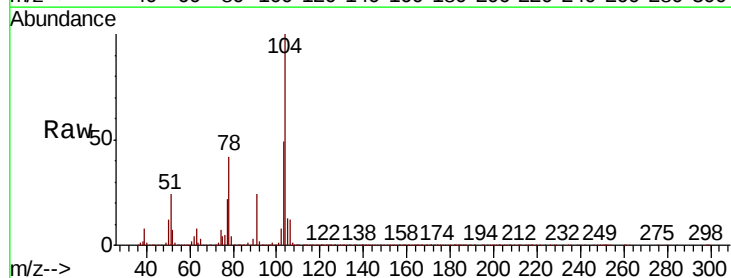
Instrument :
MSVOA_X
ClientSampleId :

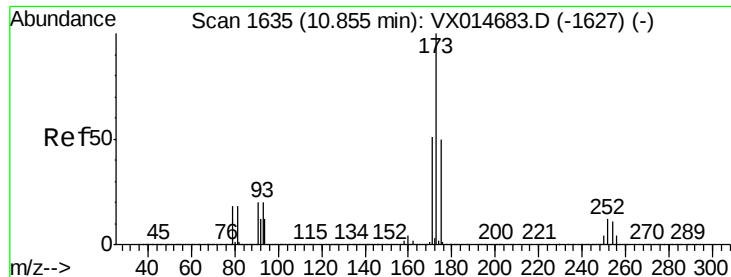
Tot Ion:106 Resp: 410388
Ion Ratio Lower Upper
106 100
91 211.0 106.2 318.6



#70
Styrene
Concen: 52.672 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion:104 Resp: 707411
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 55.0 43.5 65.3





#71

Bromoform

Concen: 53.101 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

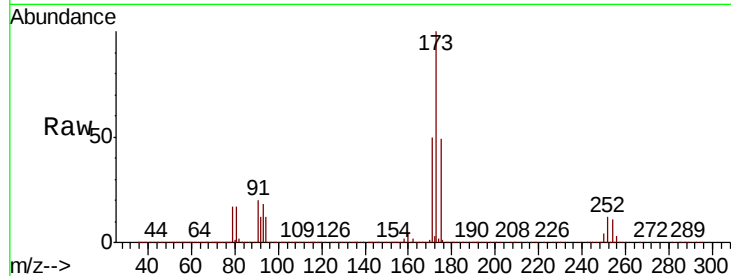
Tot Ion:173 Resp: 199616

Ion Ratio Lower Upper

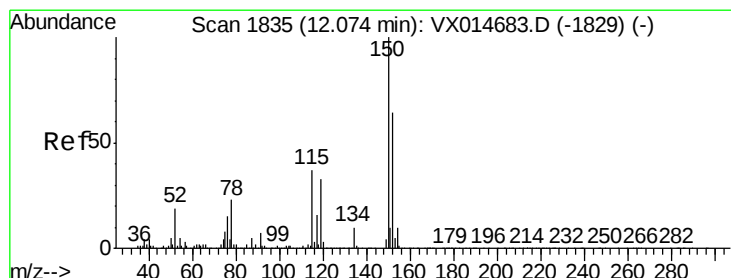
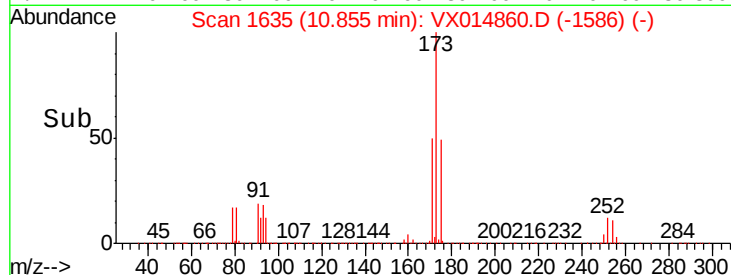
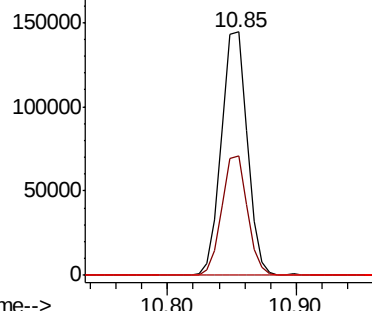
173 100

175 48.3 24.6 73.6

254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

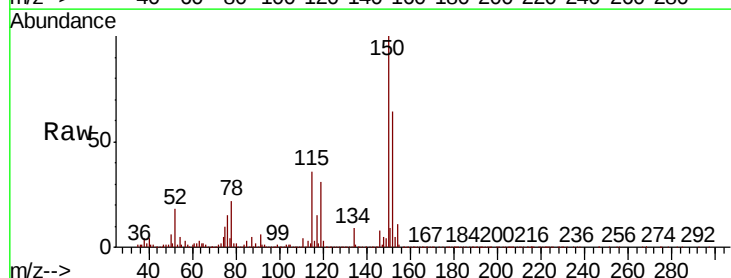
Tgt Ion:152 Resp: 310885

Ion Ratio Lower Upper

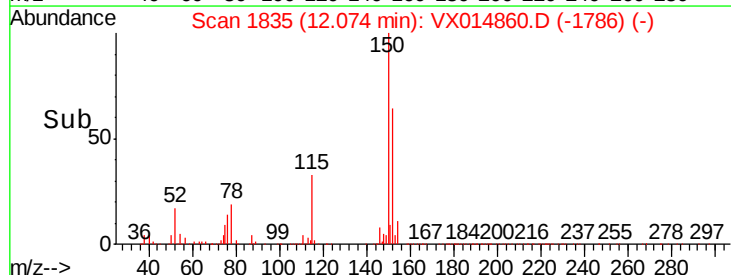
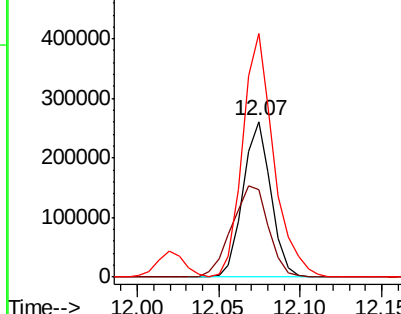
152 100

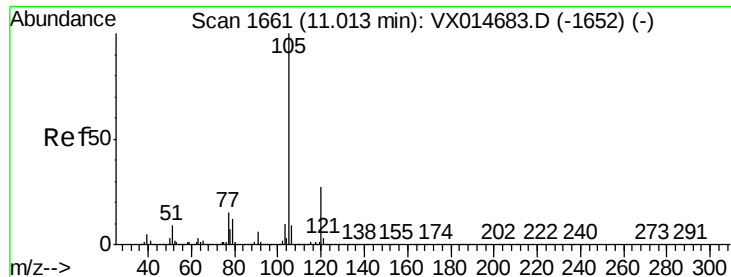
115 76.8 39.4 118.1

150 174.1 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.635 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

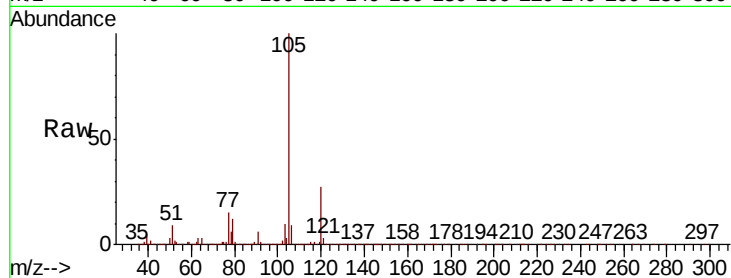
ClientSampleId :

Tot Ion:105 Resp: 1084986

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

600000

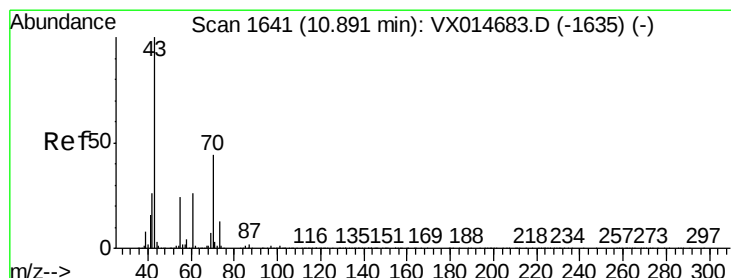
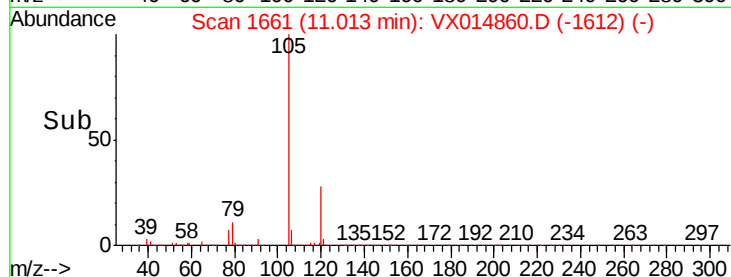
400000

200000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 51.894 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Tgt Ion: 43 Resp: 497091

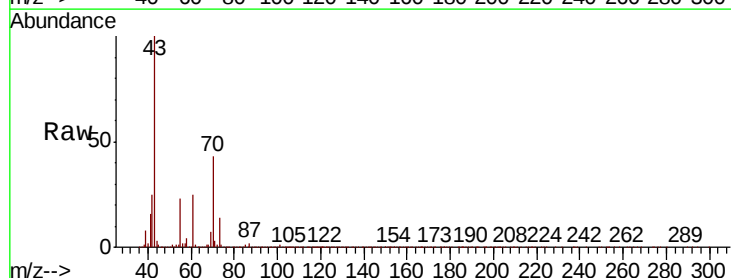
Ion Ratio Lower Upper

43 100

70 43.7 34.6 52.0

55 23.5 19.4 29.2

61 24.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

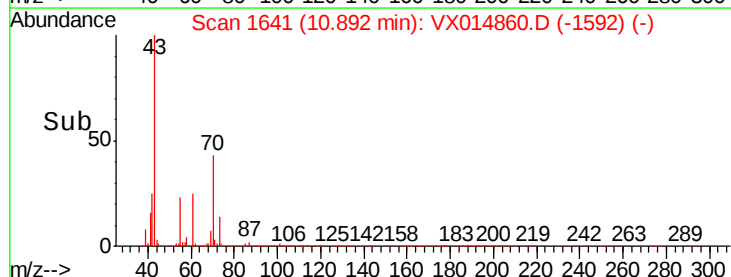
400000

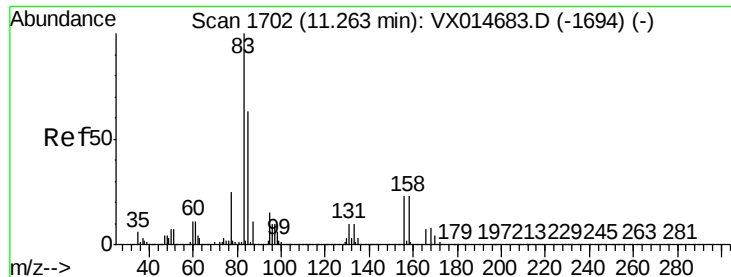
200000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 45.628 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

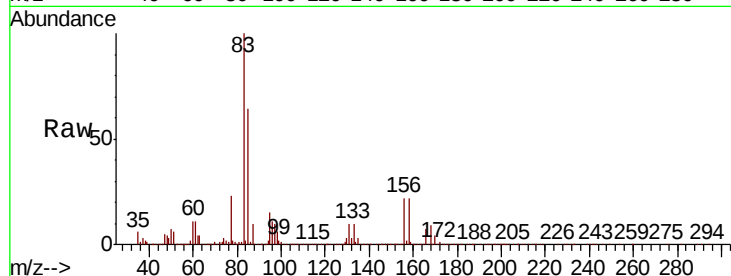
Tot Ion: 83 Resp: 356118

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

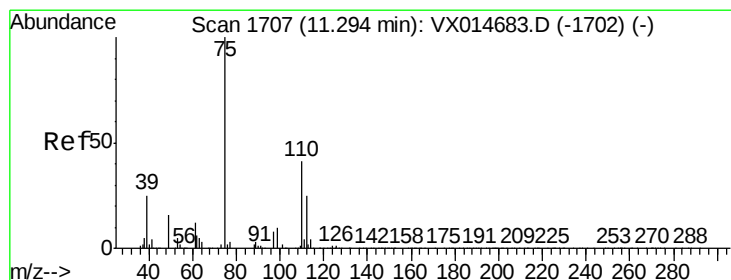
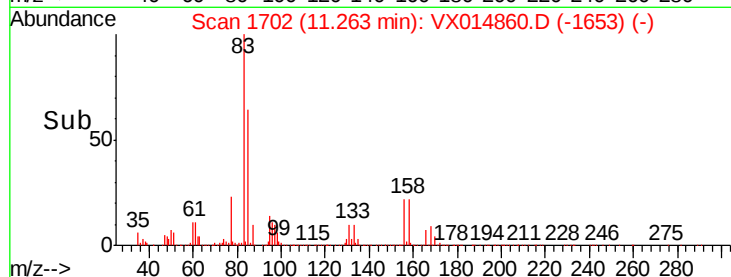
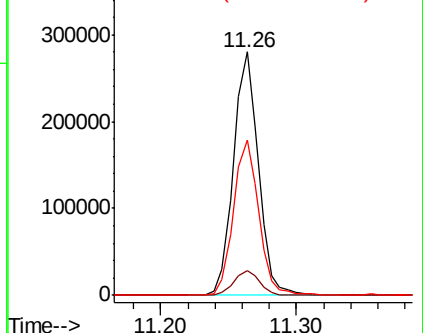
85 64.9 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.848 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014860.D

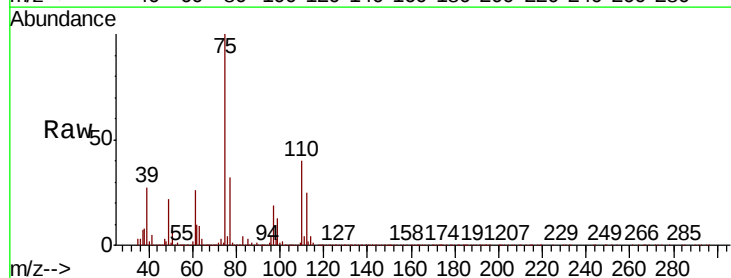
Acq: 06 Feb 2020 20:03

Tgt Ion: 75 Resp: 418411

Ion Ratio Lower Upper

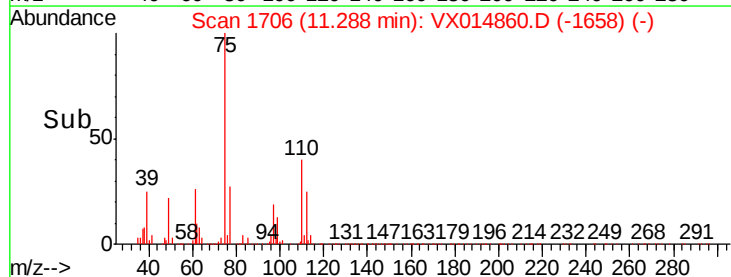
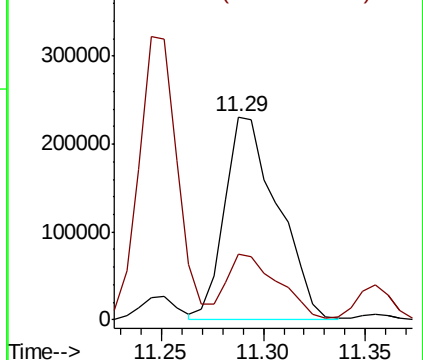
75 100

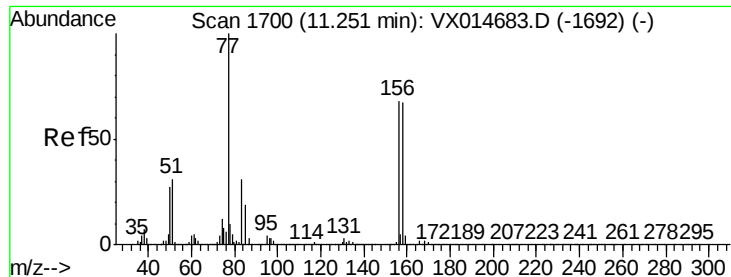
77 32.2 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.772 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

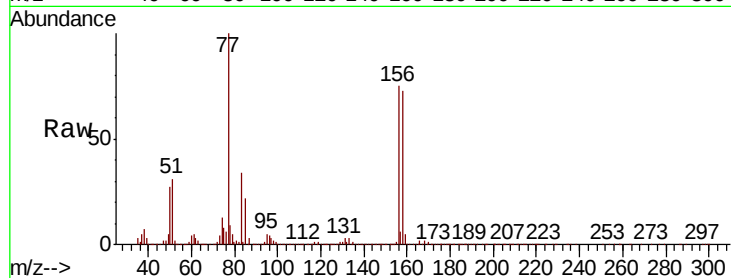
Tot Ion:156 Resp: 292285

Ion Ratio Lower Upper

156 100

77 143.0 77.5 232.5

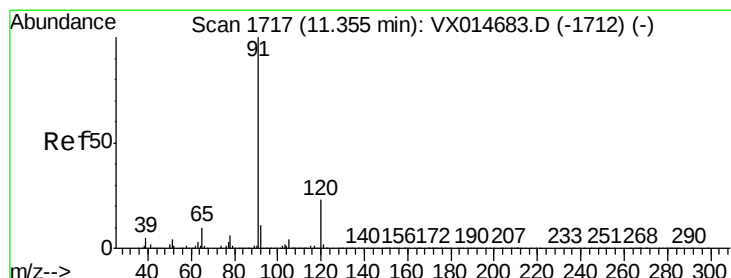
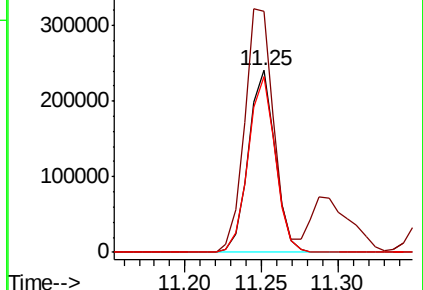
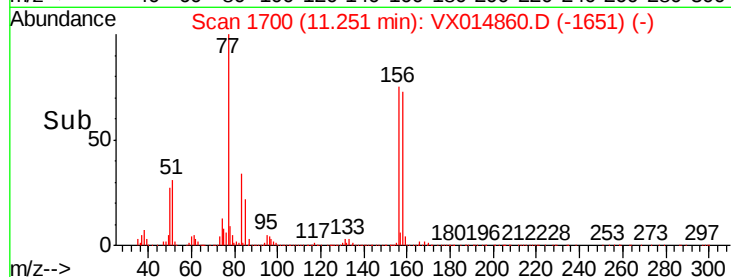
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.467 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014860.D

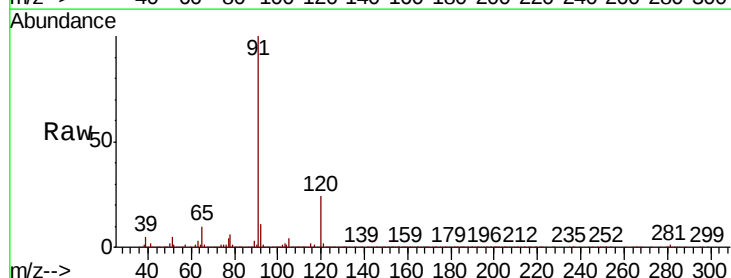
Acq: 06 Feb 2020 20:03

Tgt Ion: 91 Resp: 1227394

Ion Ratio Lower Upper

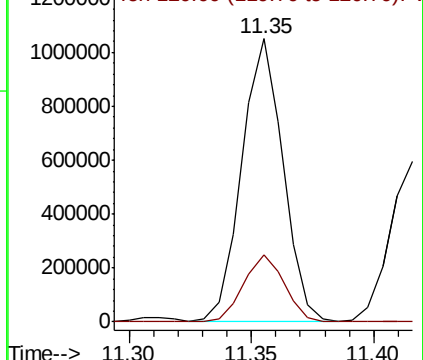
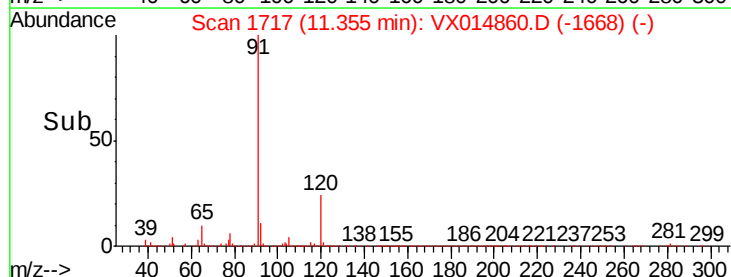
91 100

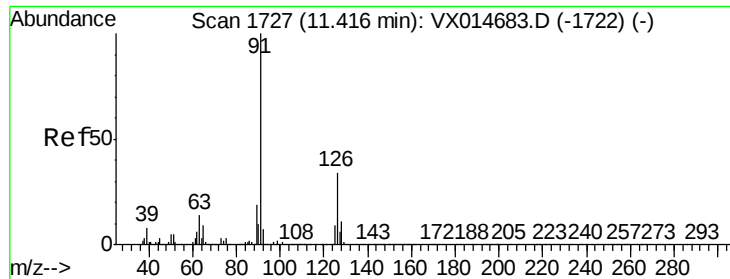
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

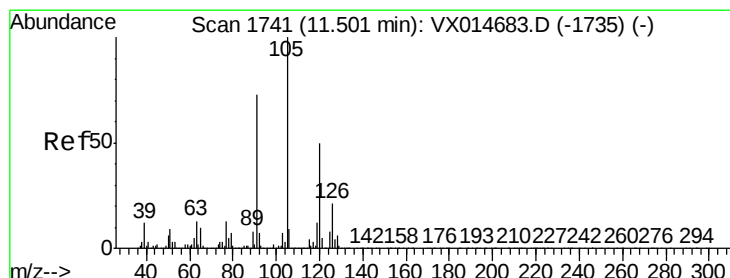
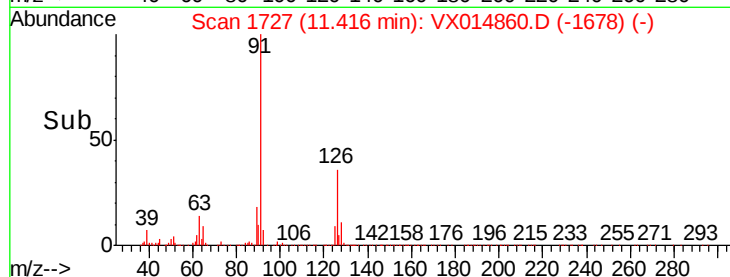
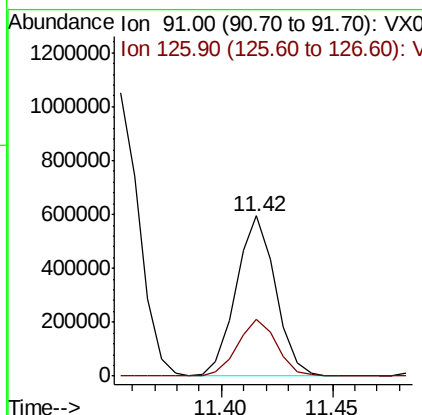
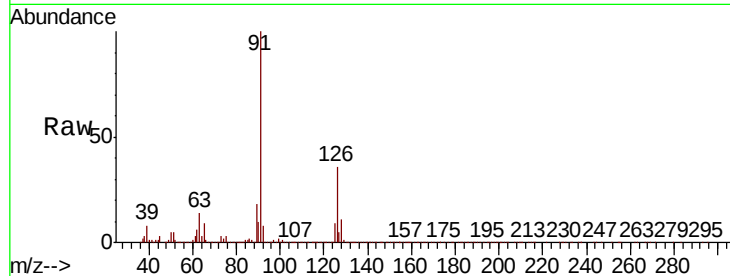




#79
 2-Chlorotoluene
 Concen: 48.570 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

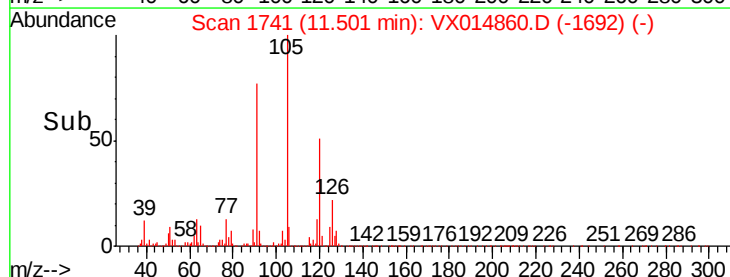
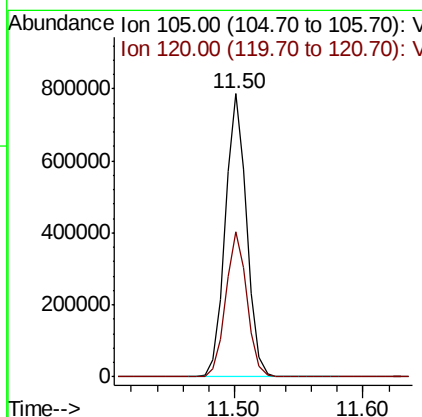
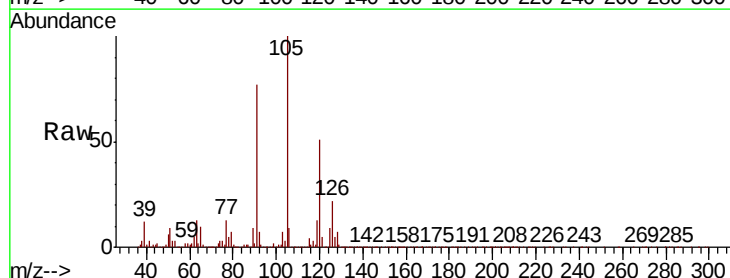
Instrument :
 MSVOA_X
 ClientSampleId :

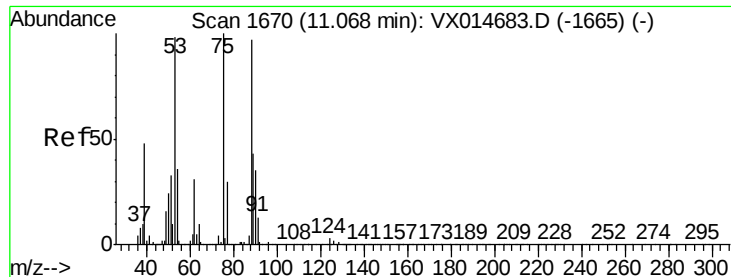
Tot Ion: 91 Resp: 729190
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.377 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion: 105 Resp: 913958
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.6

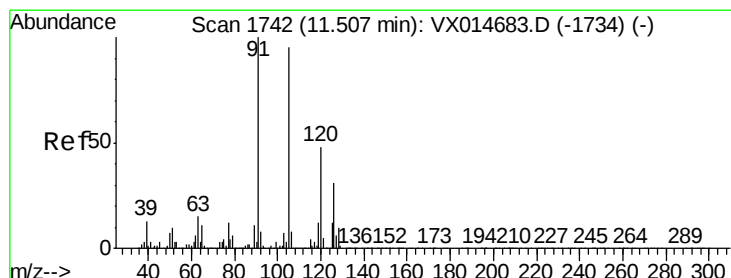
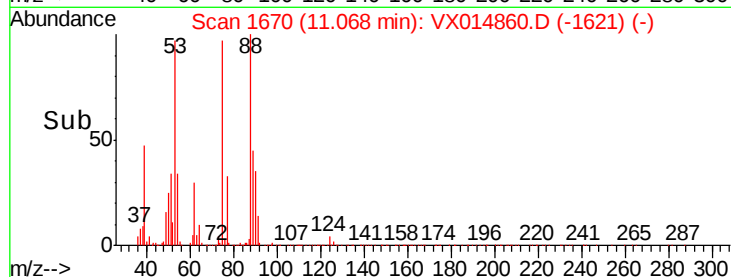
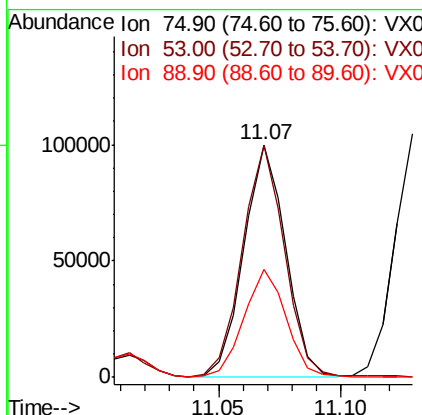
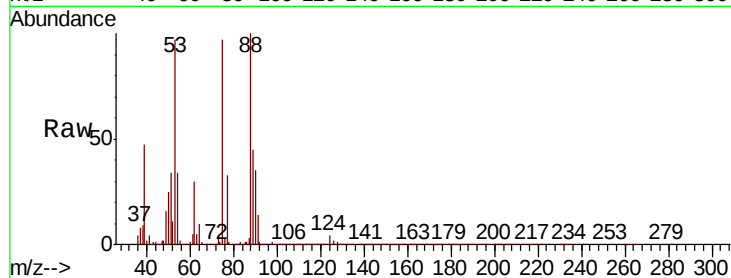




#81
trans-1,4-Dichloro-2-butene
Concen: 46.720 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

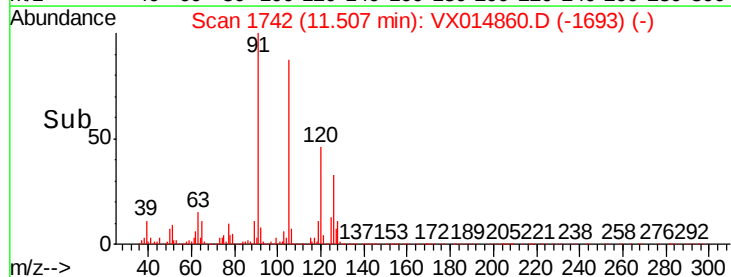
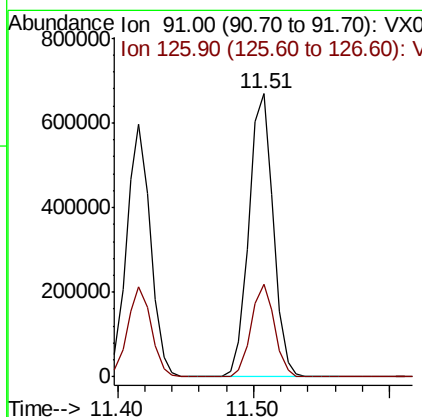
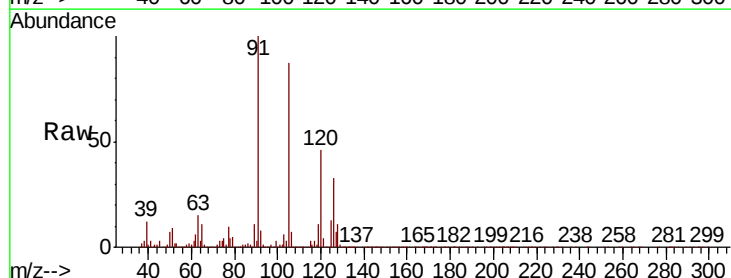
Instrument :
MSVOA_X
ClientSampled :

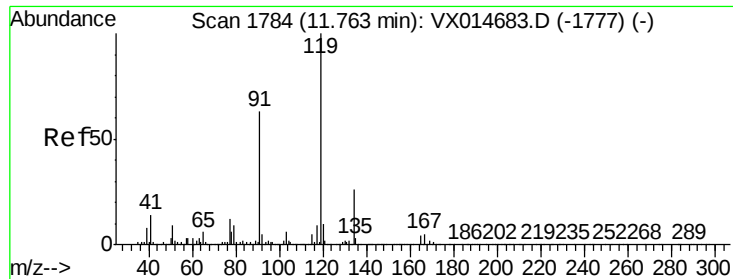
Tot Ion: 75 Resp: 118745
Ion Ratio Lower Upper
75 100
53 100.2 78.8 118.2
89 47.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 49.150 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014860.D
Acq: 06 Feb 2020 20:03

Tgt Ion: 91 Resp: 840059
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.4

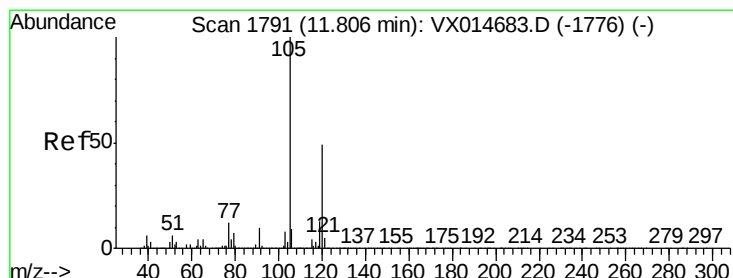
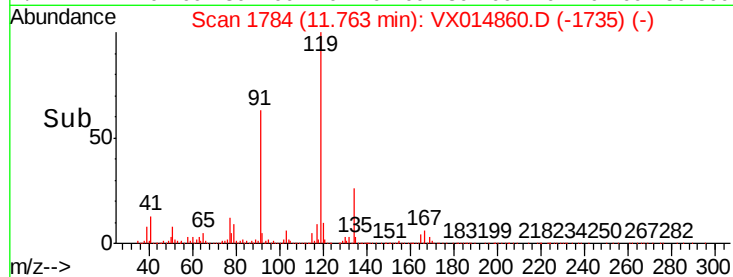
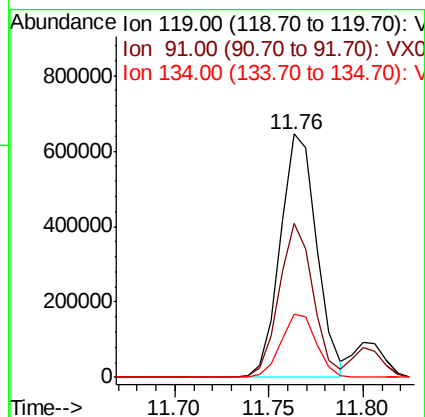
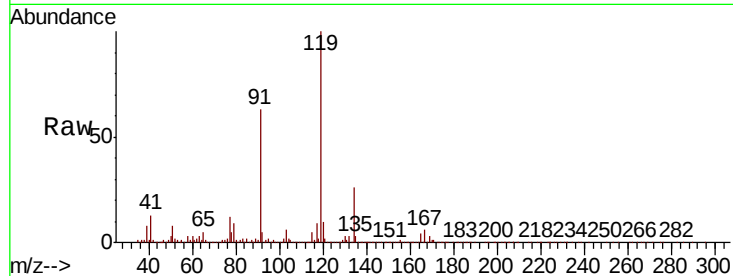




#83
 tert-Butylbenzene
 Concen: 50.582 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

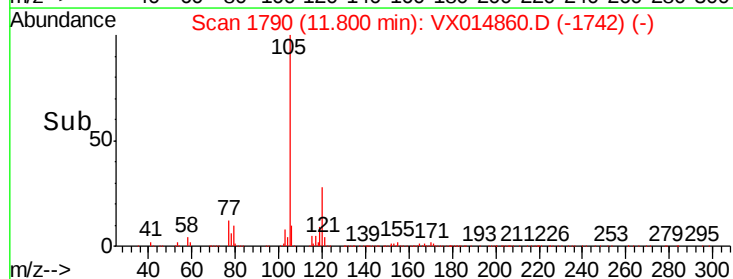
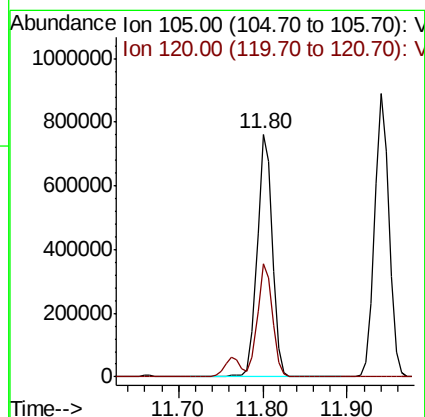
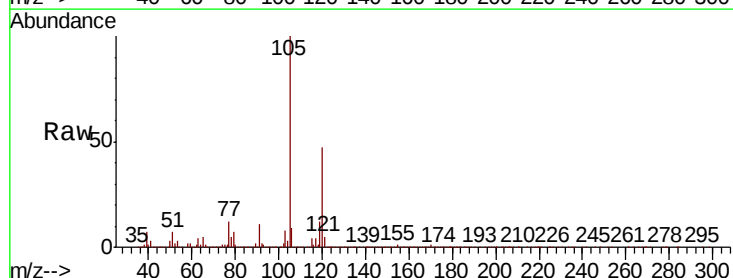
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	30.0	90.0
134	25.1	12.7	38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.508 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 50.679 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

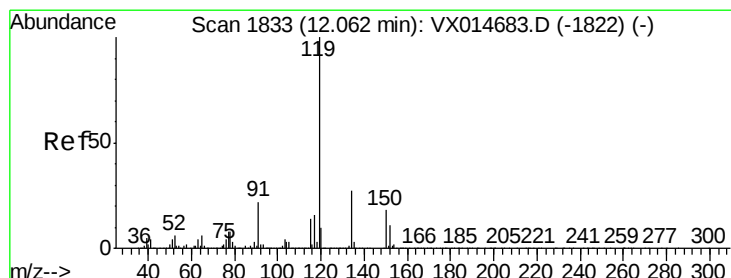
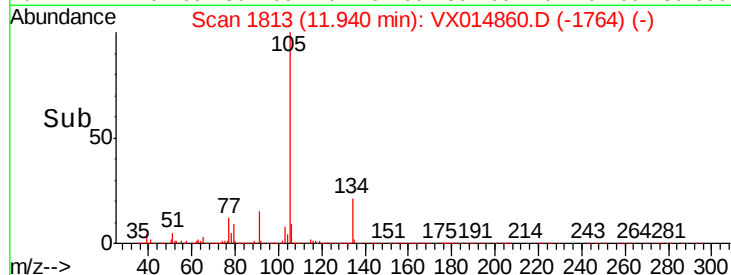
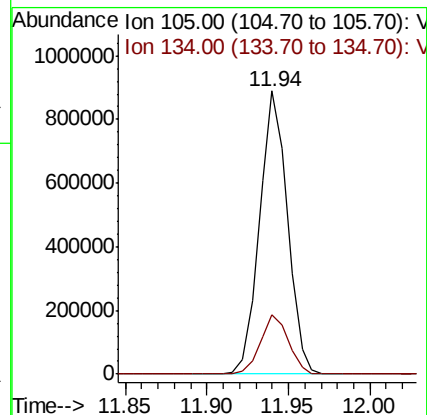
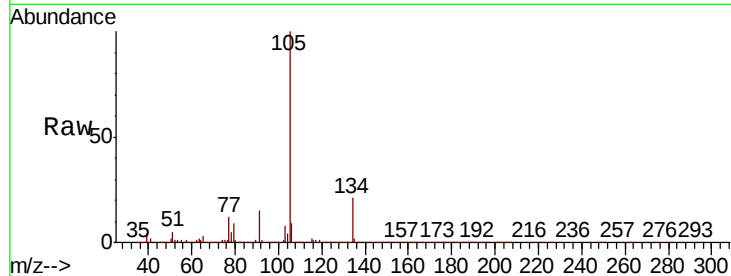
ClientSampleId :

Tot Ion:105 Resp: 1058427

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 50.661 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

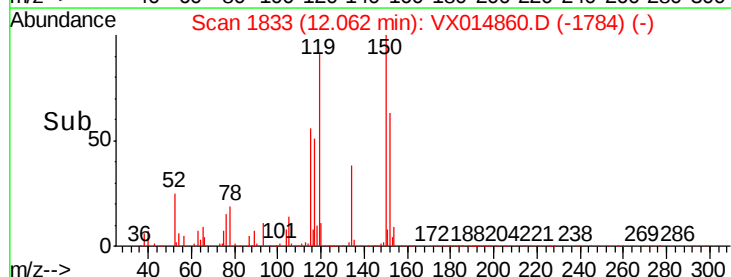
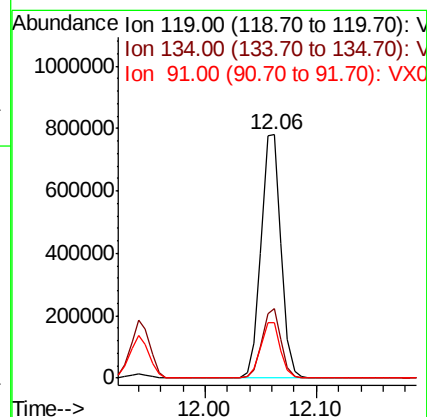
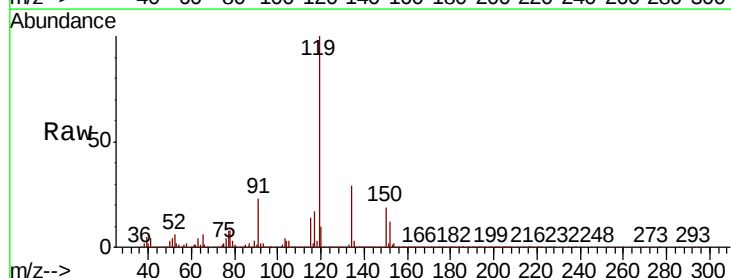
Tgt Ion:119 Resp: 977805

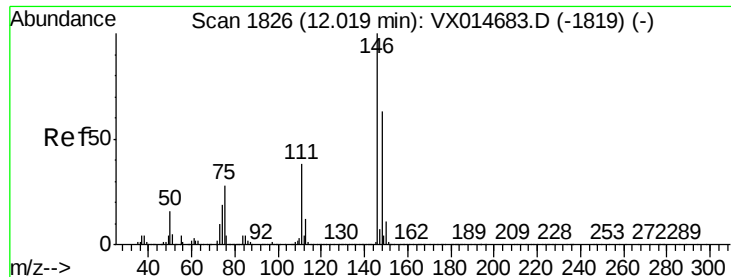
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 22.5 11.3 33.8

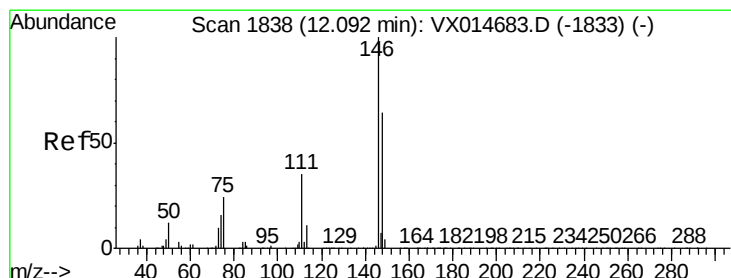
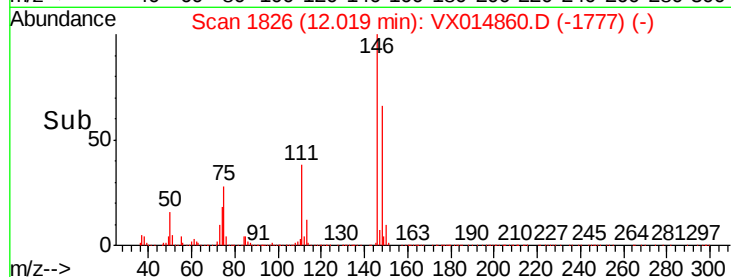
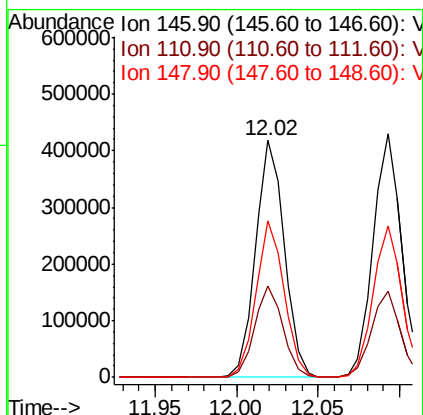
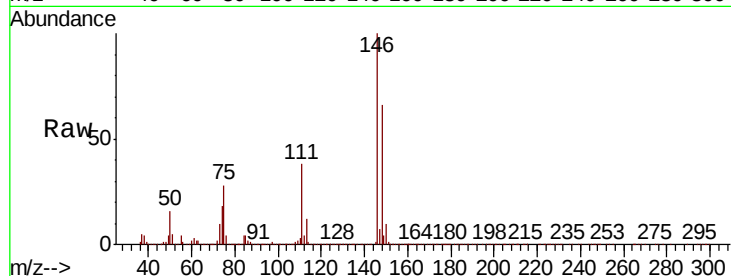




#87
 1,3-Dichlorobenzene
 Concen: 48.547 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

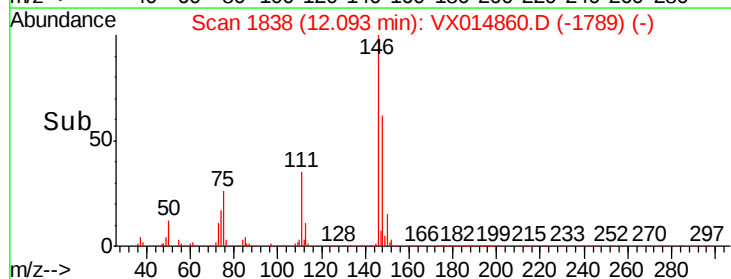
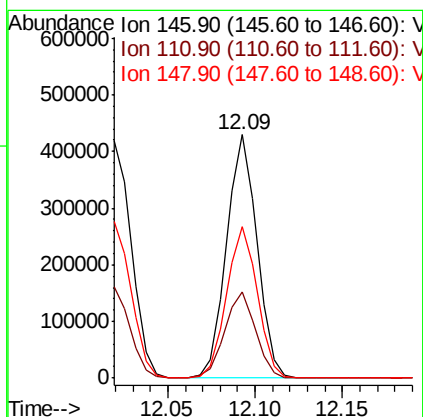
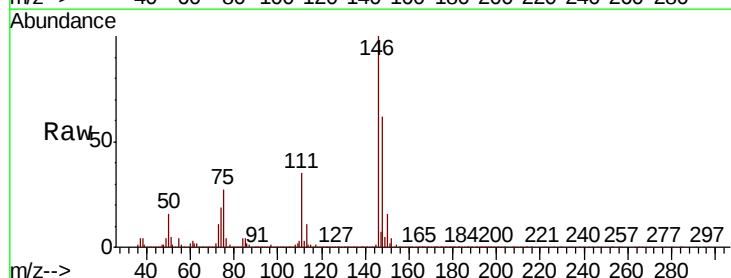
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	64.4	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.073 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.6	55.8
148	63.2	32.0	96.2





#89

n-Butylbenzene

Concen: 50.980 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

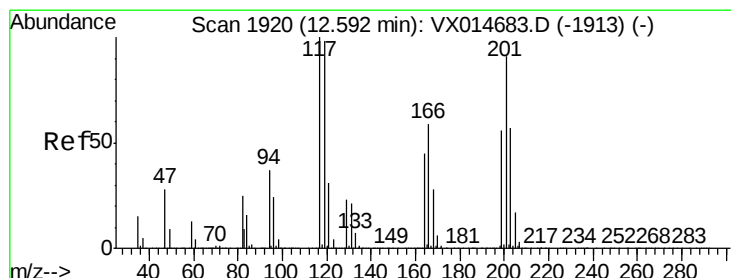
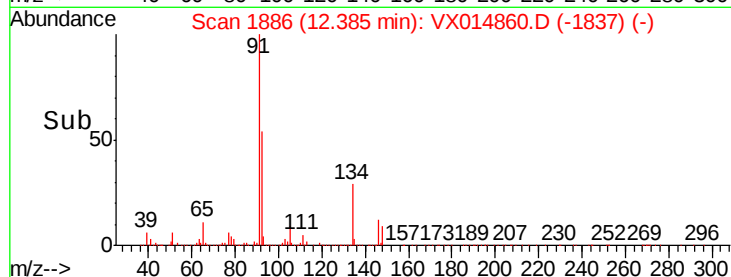
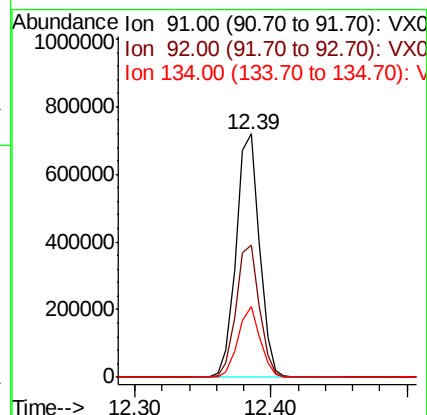
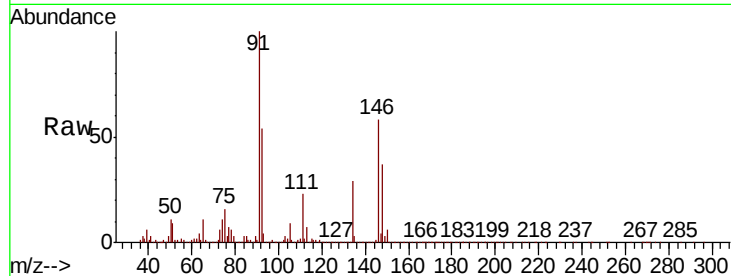
Tot Ion: 91 Resp: 856970

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 27.7 13.3 39.8



#90

Hexachloroethane

Concen: 47.616 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014860.D

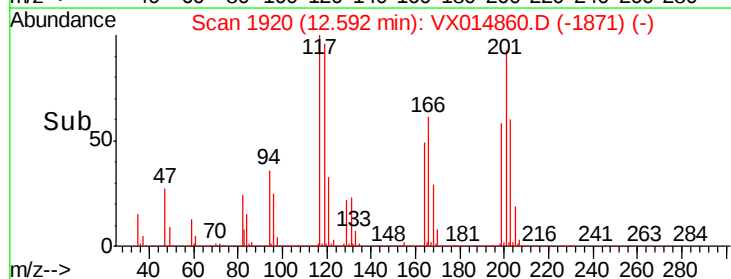
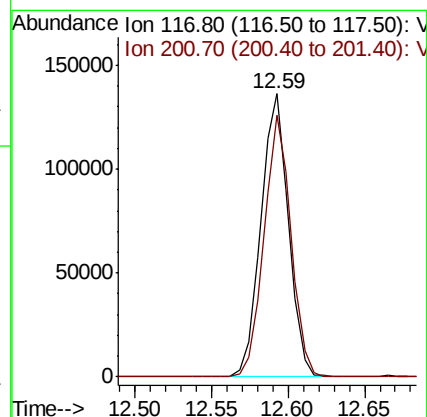
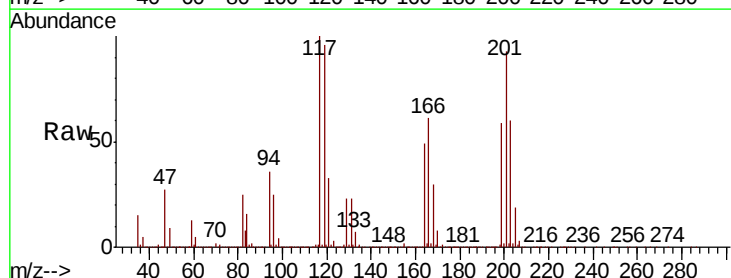
Acq: 06 Feb 2020 20:03

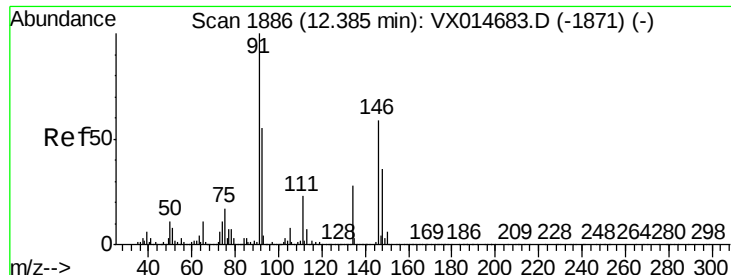
Tgt Ion: 117 Resp: 170705

Ion Ratio Lower Upper

117 100

201 90.8 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 48.746 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampled :

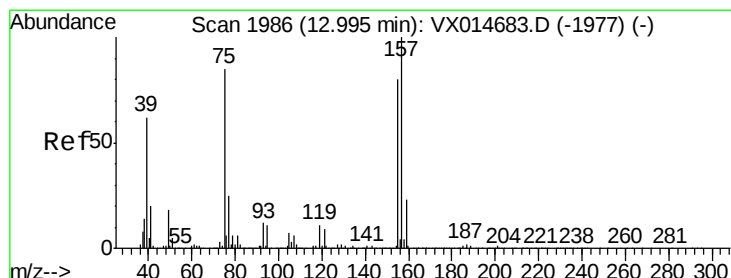
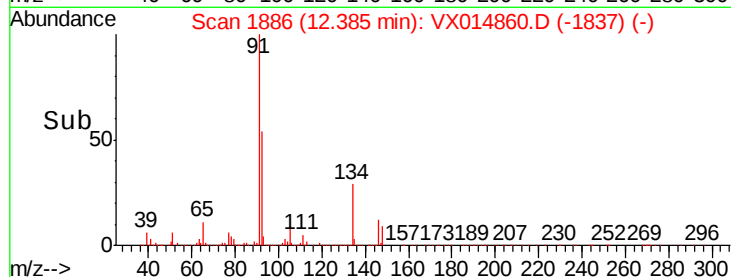
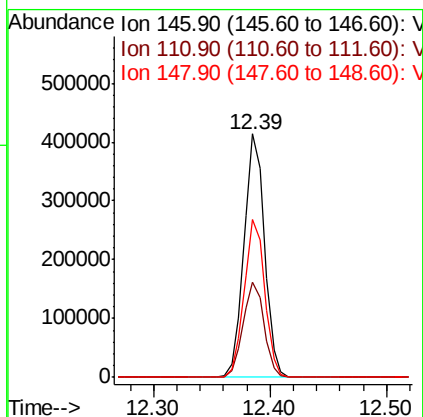
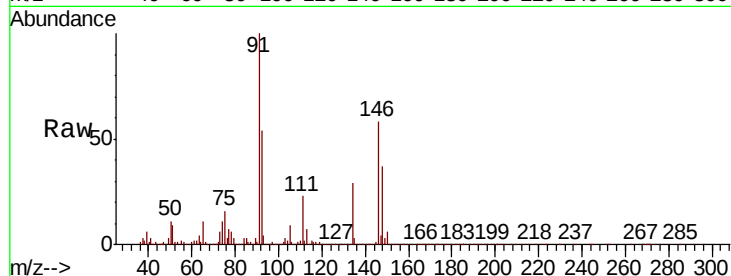
Tot Ion:146 Resp: 510956

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

148 65.0 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.873 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

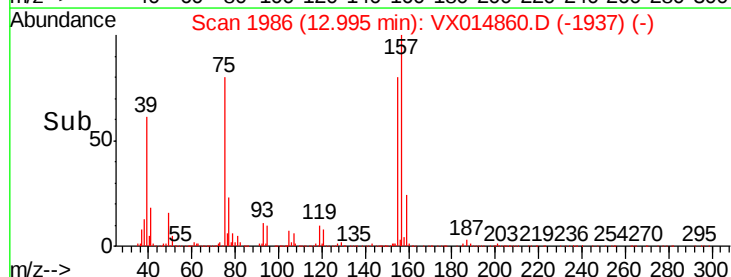
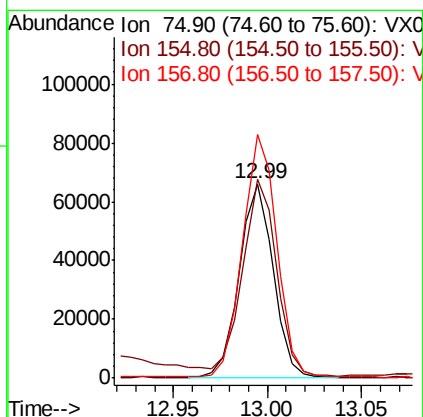
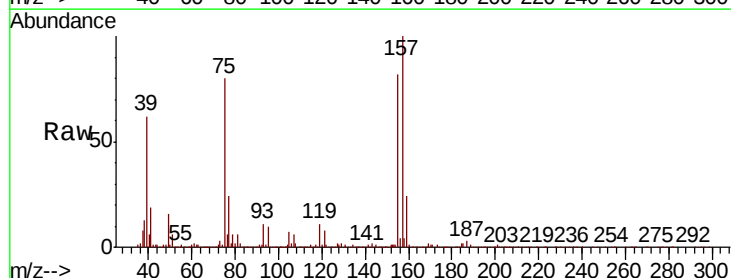
Tgt Ion: 75 Resp: 81953

Ion Ratio Lower Upper

75 100

155 101.6 45.6 136.9

157 127.8 60.3 180.9

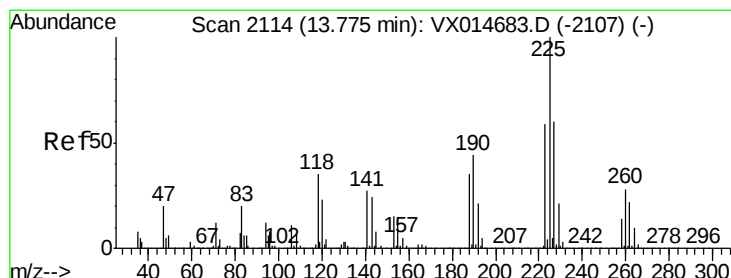
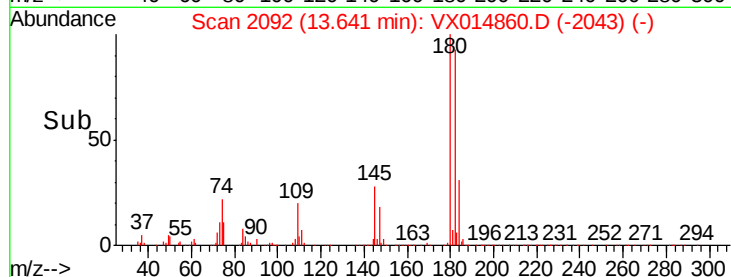
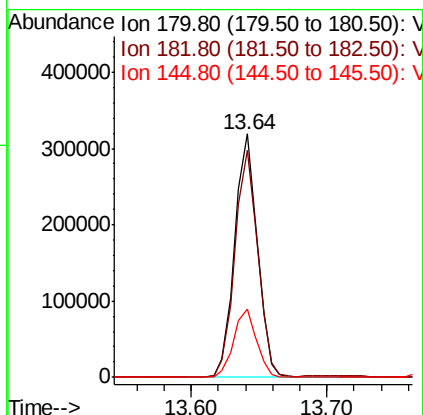
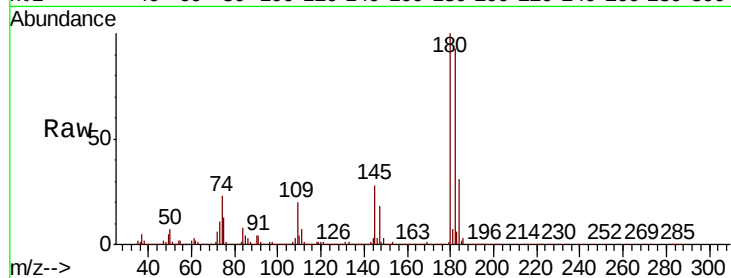




#93
 1,2,4-Trichlorobenzene
 Concen: 54.922 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

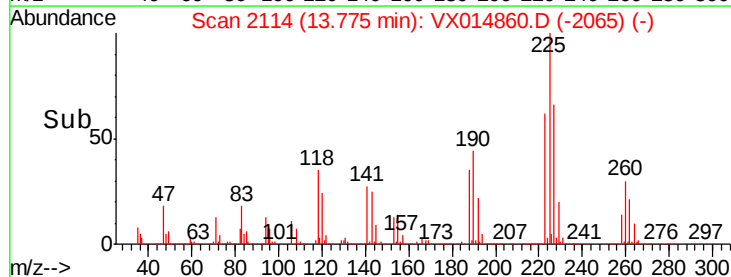
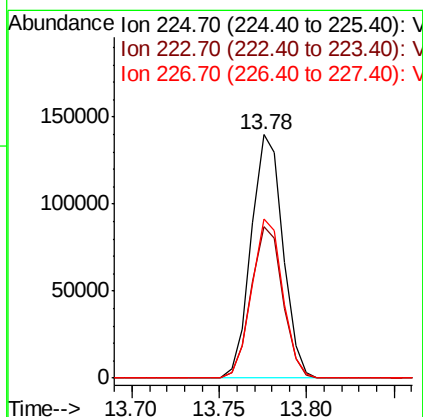
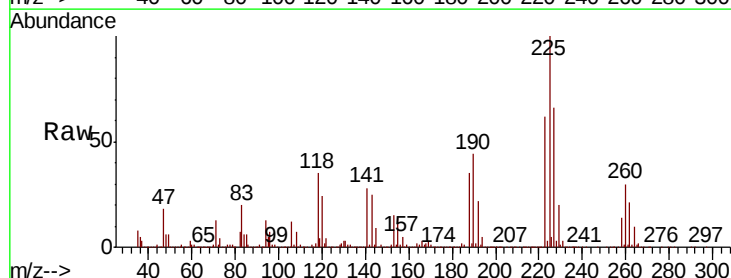
Instrument :
 MSVOA_X
 ClientSampleId :

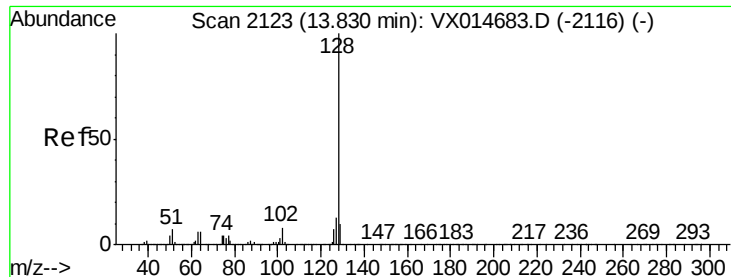
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.5	145.6
145	28.3	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 50.729 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014860.D
 Acq: 06 Feb 2020 20:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.6	91.8
227	64.3	31.4	94.0





#95

Naphthalene

Concen: 52.302 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

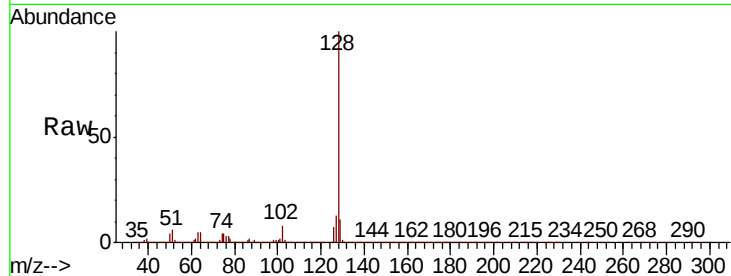
Tot Ion:128 Resp: 1140747

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

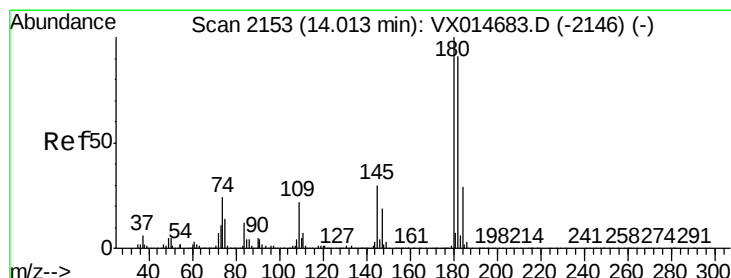
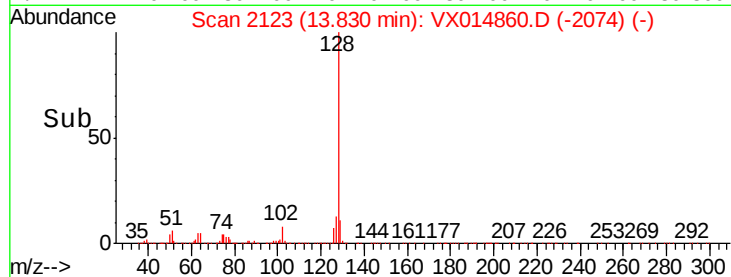
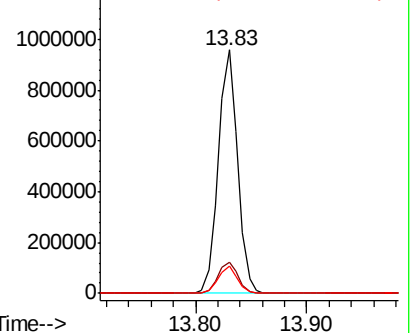
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.168 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014860.D

Acq: 06 Feb 2020 20:03

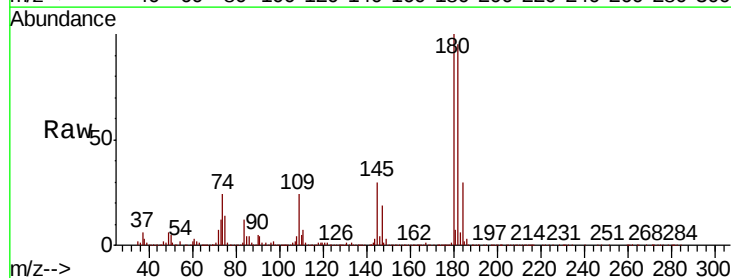
Tgt Ion:180 Resp: 370146

Ion Ratio Lower Upper

180 100

182 95.9 46.6 139.7

145 29.3 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

