

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014916.D
 Acq On : 12 Feb 2020 11:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	462617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	668800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	260678	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.48	113	214548	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	825578	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.13	95	300626	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	228650	52.191	ug/l	100
3) Chloromethane	1.32	50	242174	48.757	ug/l	98
4) Vinyl Chloride	1.40	62	258911	48.388	ug/l	98
5) Bromomethane	1.63	94	165554	47.800	ug/l	100
6) Chloroethane	1.72	64	159595	46.615	ug/l	99
7) Trichlorofluoromethane	1.92	101	365869	48.940	ug/l	99
8) Diethyl Ether	2.18	74	145058	46.792	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212460	48.960	ug/l	98
10) Methyl Iodide	2.50	142	245118	50.610	ug/l	99
11) Tert butyl alcohol	3.02	59	213618	231.730	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205579	48.482	ug/l	99
13) Acrolein	2.28	56	171586	244.219	ug/l	98
14) Allyl chloride	2.72	41	350876	46.672	ug/l	99
15) Acrylonitrile	3.12	53	548116	234.545	ug/l	99
16) Acetone	2.43	43	765404	273.960	ug/l	99
17) Carbon Disulfide	2.56	76	559157	47.196	ug/l	99
18) Methyl Acetate	2.76	43	246430	46.865	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	672434	48.726	ug/l	99
20) Methylene Chloride	2.84	84	230360	45.866	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	219195	46.848	ug/l	97
22) Diisopropyl ether	3.84	45	712644	49.631	ug/l	96
23) Vinyl Acetate	3.80	43	3023095	255.402	ug/l	100
24) 1,1-Dichloroethane	3.69	63	392211	48.399	ug/l	99
25) 2-Butanone	4.65	43	914850	257.382	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336020	48.114	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	252650	48.306	ug/l	99
28) Bromochloromethane	5.00	49	165062	52.549	ug/l	100
29) Tetrahydrofuran	5.11	42	484465	239.765	ug/l	100
30) Chloroform	5.20	83	394155	49.023	ug/l	99
31) Cyclohexane	5.57	56	361207	48.938	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	345139	49.073	ug/l	100
36) 1,1-Dichloropropene	5.79	75	301078	50.325	ug/l	99
37) Ethyl Acetate	4.81	43	303091	48.574	ug/l	99
38) Carbon Tetrachloride	5.77	117	298284	51.161	ug/l	98

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Quant Time: Feb 13 03:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	380295	50.827	ug/l	99
40) Benzene	6.13	78	887926	49.674	ug/l	99
41) Methacrylonitrile	5.02	41	171275	50.952	ug/l	100
42) 1,2-Dichloroethane	6.18	62	317830	49.196	ug/l	100
43) Isopropyl Acetate	6.43	43	507166	49.272	ug/l	100
44) Trichloroethene	7.20	130	256309	49.394	ug/l	98
45) 1,2-Dichloropropane	7.50	63	227091	49.815	ug/l	99
46) Dibromomethane	7.65	93	152547	48.954	ug/l	98
47) Bromodichloromethane	7.89	83	310912	50.321	ug/l	97
48) Methyl methacrylate	7.76	41	251914	49.730	ug/l	99
49) 1,4-Dioxane	7.73	88	95876	1012.285	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1544171	248.445	ug/l	100
52) Toluene	8.78	92	570577	50.257	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	343434	50.719	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379507	50.734	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	229065	49.870	ug/l	98
56) Ethyl methacrylate	9.17	69	354685	51.373	ug/l	99
57) 1,3-Dichloropropane	9.36	76	379266	49.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	921192	255.128	ug/l	100
59) 2-Hexanone	9.48	43	1304504	267.024	ug/l	99
60) Dibromochloromethane	9.57	129	253047	51.192	ug/l	99
61) 1,2-Dibromoethane	9.67	107	241484	48.725	ug/l	100
64) Tetrachloroethene	9.33	164	267331	46.018	ug/l	98
65) Chlorobenzene	10.13	112	625125	49.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233192	50.968	ug/l	99
67) Ethyl Benzene	10.25	91	1093203	51.006	ug/l	99
68) m/p-Xylenes	10.36	106	843908	102.210	ug/l	99
69) o-Xylene	10.69	106	405554	51.098	ug/l	99
70) Styrene	10.70	104	705716	52.559	ug/l	100
71) Bromoform	10.85	173	198992	52.107	ug/l	98
73) Isopropylbenzene	11.01	105	1095133	52.532	ug/l	100
74) N-amyl acetate	10.89	43	456906	52.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	335069	49.169	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	394035	65.548	ug/l	93
77) Bromobenzene	11.25	156	285423	49.053	ug/l	99
78) n-propylbenzene	11.35	91	1257837	52.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	720582	50.834	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	918740	52.744	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116595	49.647	ug/l	99
82) 4-Chlorotoluene	11.51	91	844246	50.293	ug/l	100
83) tert-Butylbenzene	11.76	119	875445	53.073	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	921719	52.507	ug/l	100
85) sec-Butylbenzene	11.94	105	1073410	52.383	ug/l	100
86) p-Isopropyltoluene	12.06	119	1002106	52.260	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	519267	49.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	519774	48.761	ug/l	99
89) n-Butylbenzene	12.38	91	891328	51.901	ug/l	99
90) Hexachloroethane	12.59	117	175934	52.538	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	511175	49.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72895	45.595	ug/l	98

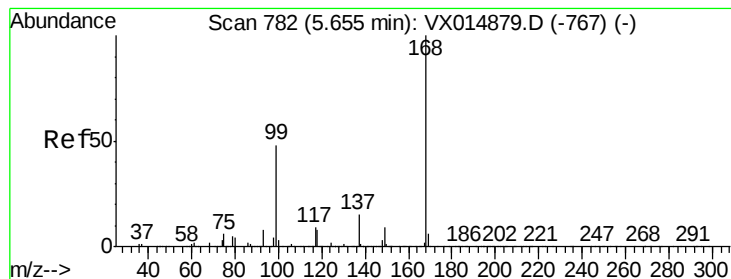
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372209	49.261	ug/l	100
94) Hexachlorobutadiene	13.78	225	184941	50.605	ug/l	97
95) Naphthalene	13.83	128	1056426	52.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	376416	51.564	ug/l	99

(#) = 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: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

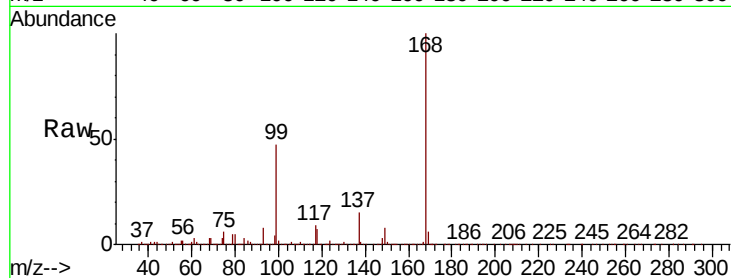
ClientSampleId :

Tot Ion:168 Resp: 462617

Ion Ratio Lower Upper

168 100

99 46.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

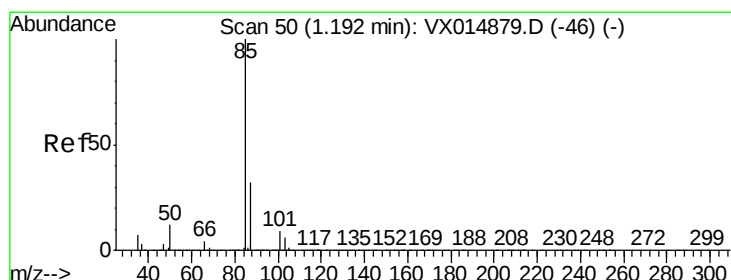
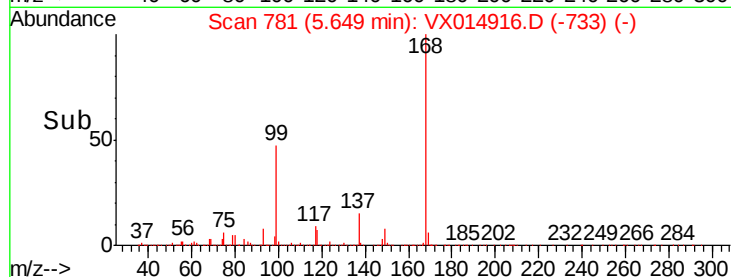
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.191 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014916.D

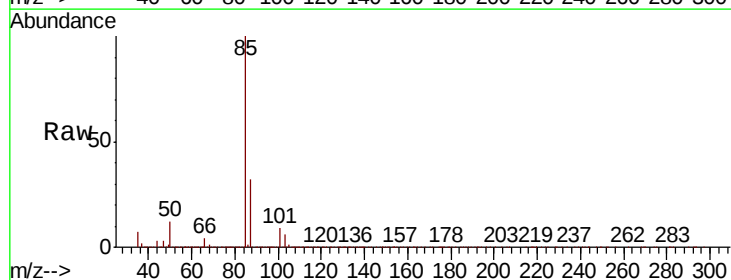
Acq: 12 Feb 2020 11:04

Tgt Ion: 85 Resp: 228650

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

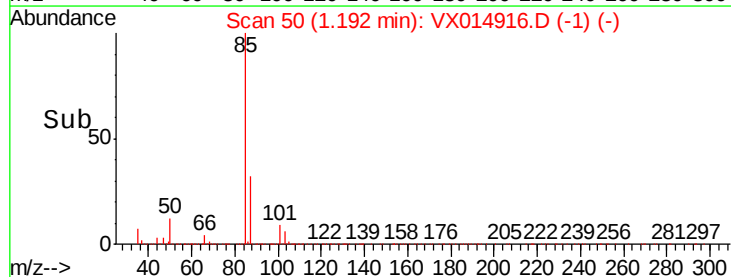
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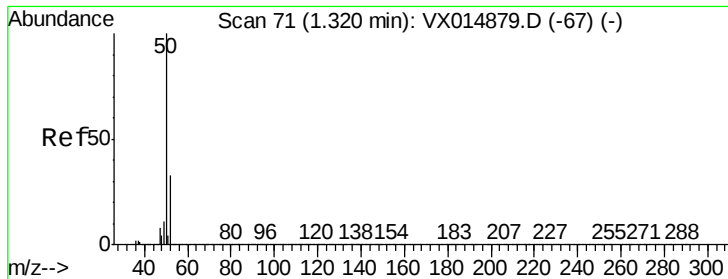
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50000

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Time-->

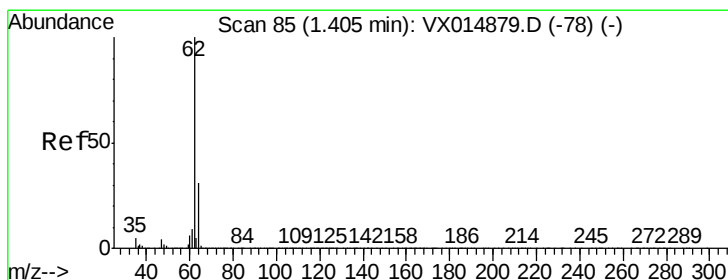
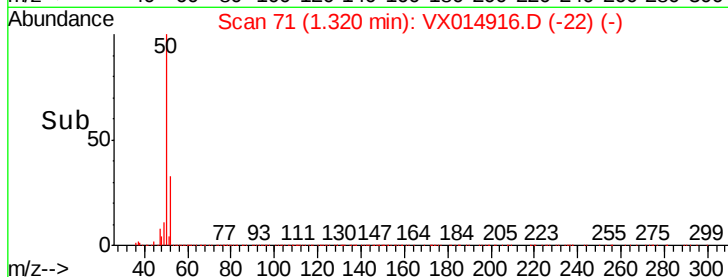
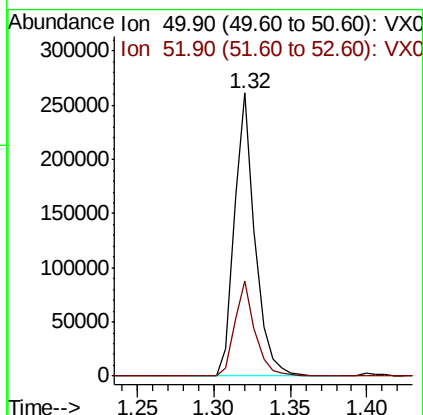
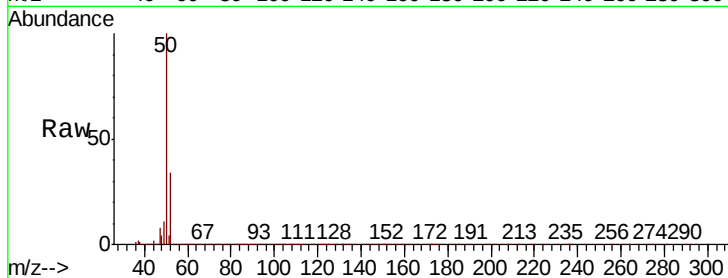




#3
Chloromethane
Concen: 48.757 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

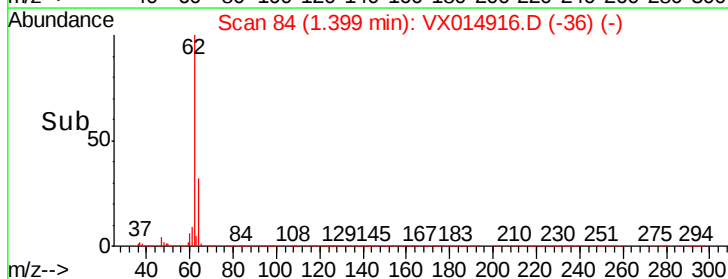
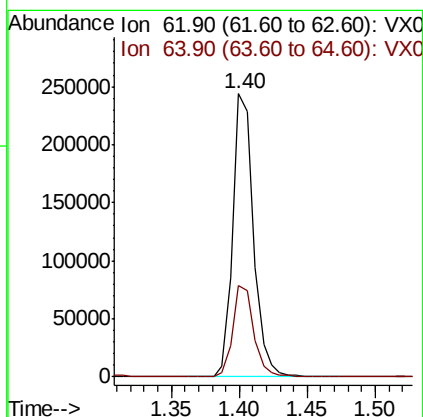
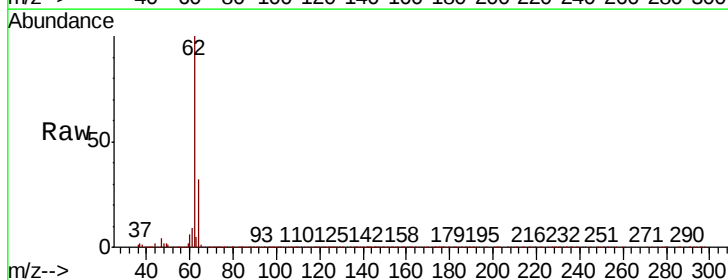
Instrument :
MSVOA_X
ClientSampleId :

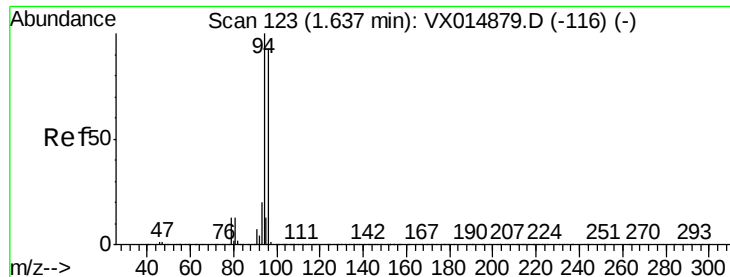
Tot Ion: 50 Resp: 242174
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2



#4
Vinyl Chloride
Concen: 48.388 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 62 Resp: 258911
Ion Ratio Lower Upper
62 100
64 32.1 24.8 37.2





#5

Bromomethane

Concen: 47.800 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

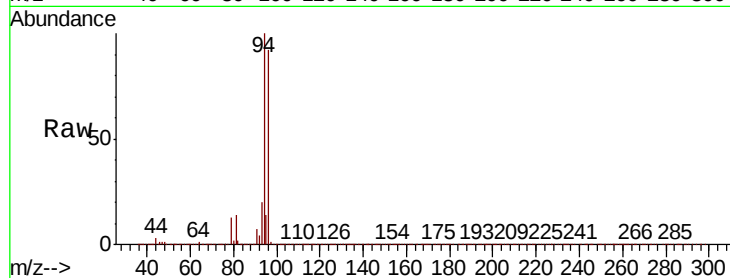
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 165554

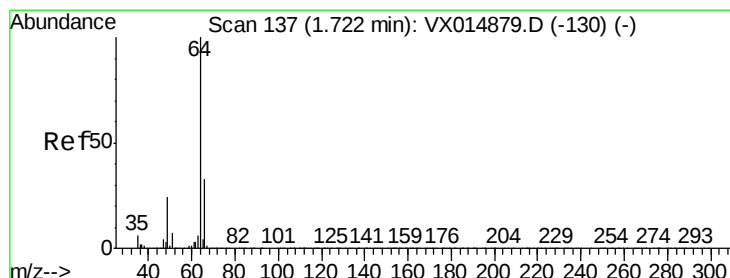
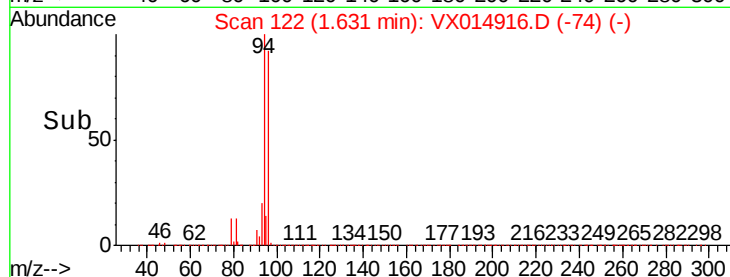
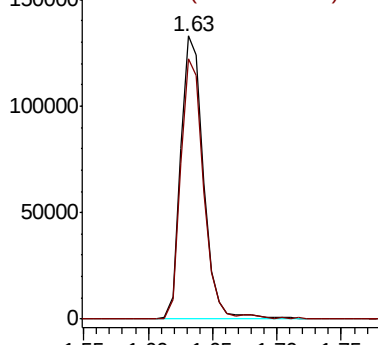
Ion Ratio Lower Upper

94 100

96 91.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.615 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014916.D

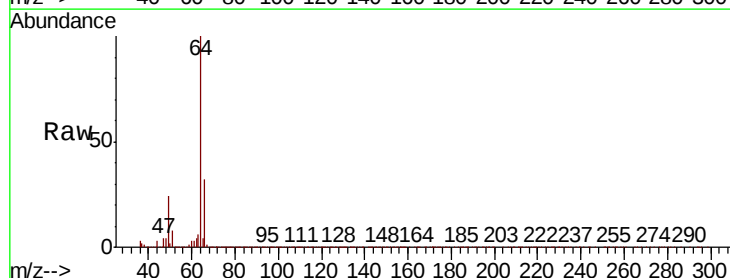
Acq: 12 Feb 2020 11:04

Tgt Ion: 64 Resp: 159595

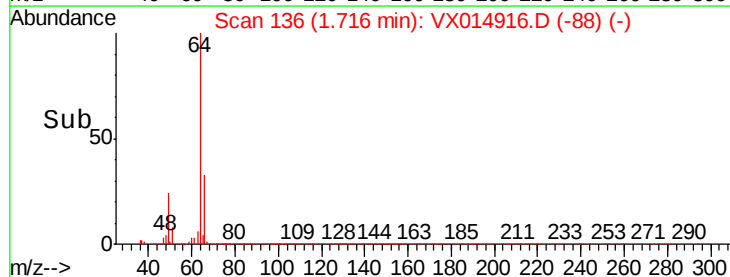
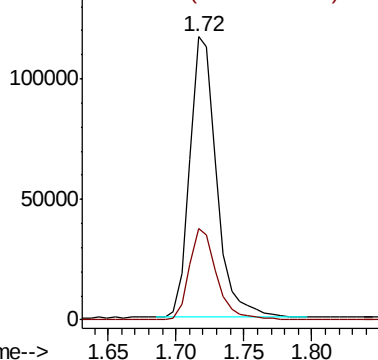
Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



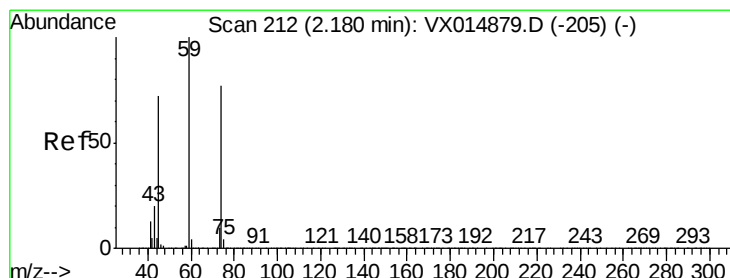
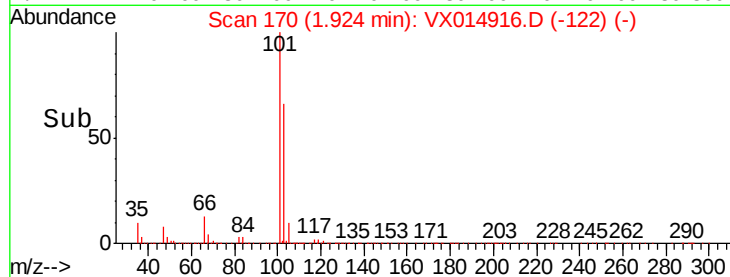
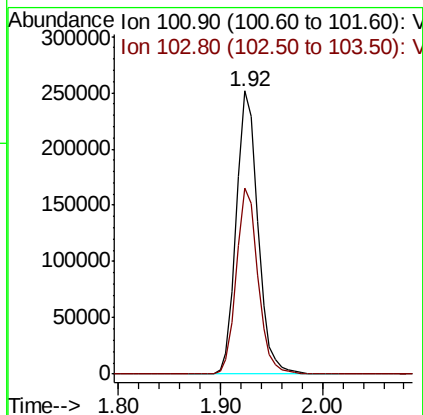
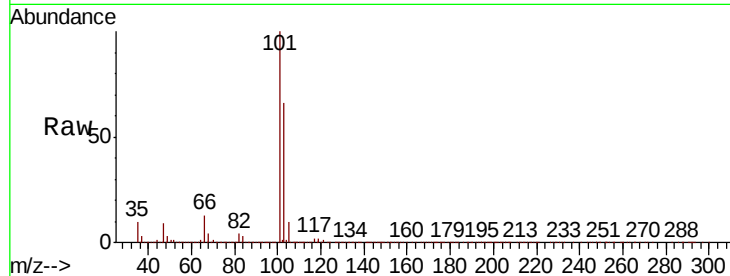


#7

Trichlorofluoromethane
Concen: 48.940 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

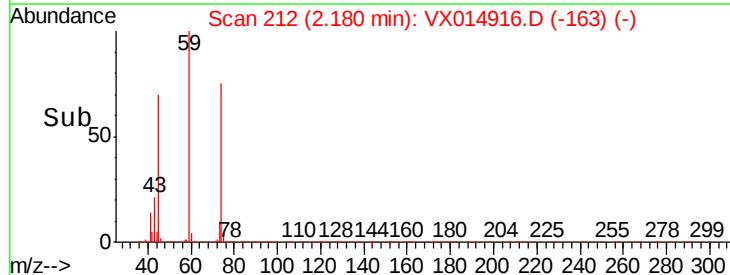
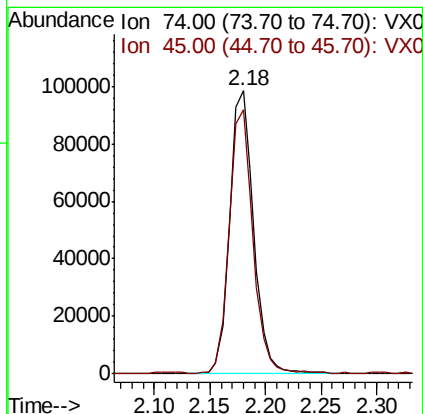
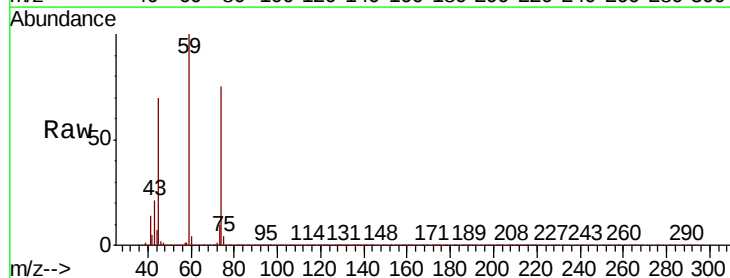
Tot Ion:101 Resp: 365869
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

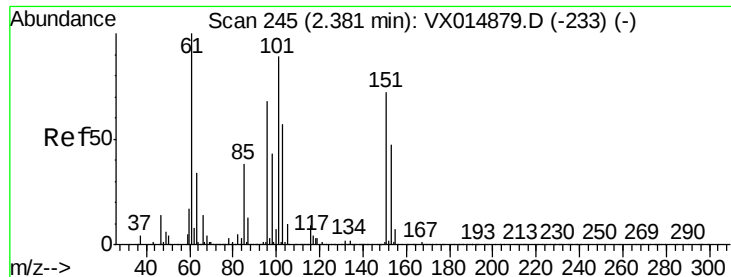


#8

Diethyl Ether
Concen: 46.792 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 74 Resp: 145058
Ion Ratio Lower Upper
74 100
45 92.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.960 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampled :

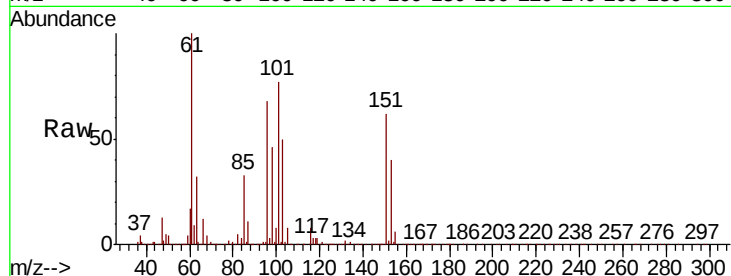
Tot Ion:101 Resp: 212460

Ion Ratio Lower Upper

101 100

85 43.1 34.1 51.1

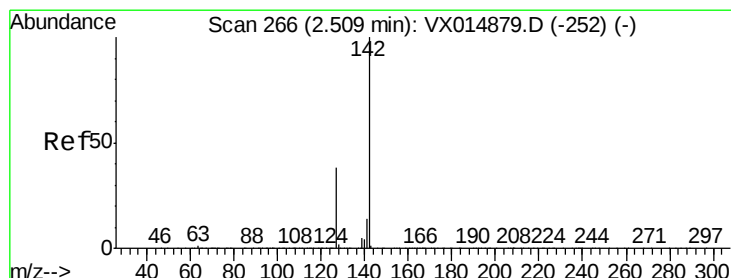
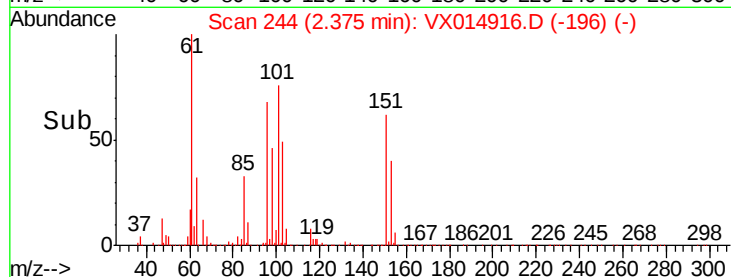
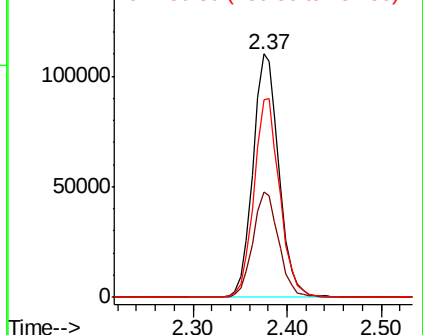
151 81.6 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.610 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

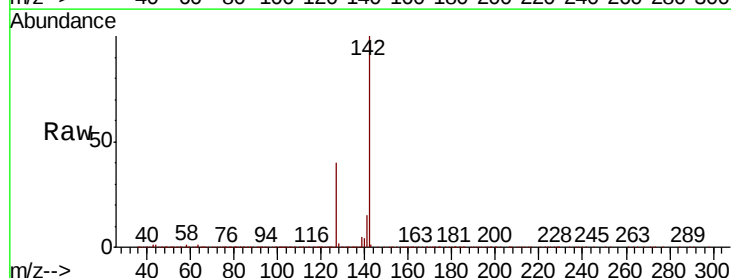
Tgt Ion:142 Resp: 245118

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

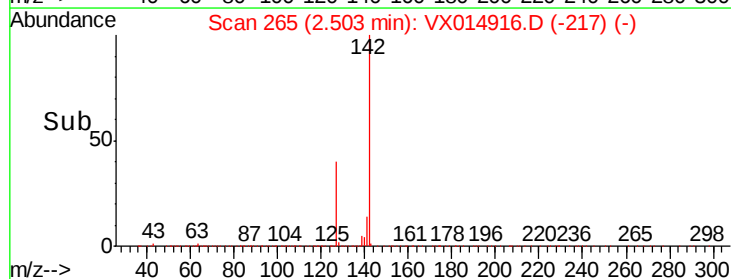
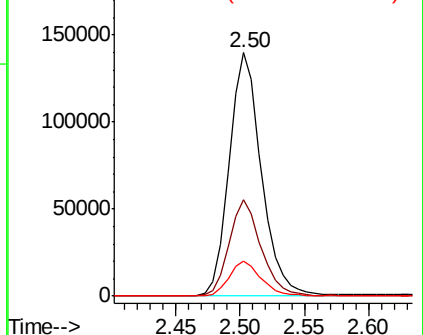
141 14.5 11.3 16.9

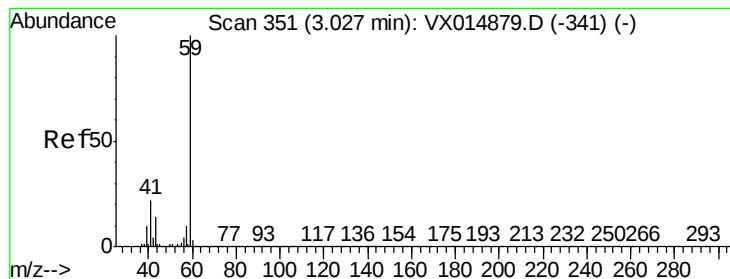


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



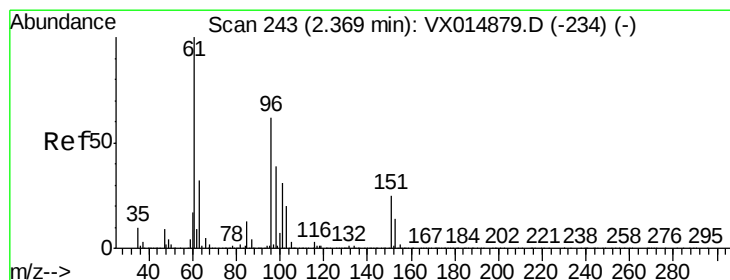
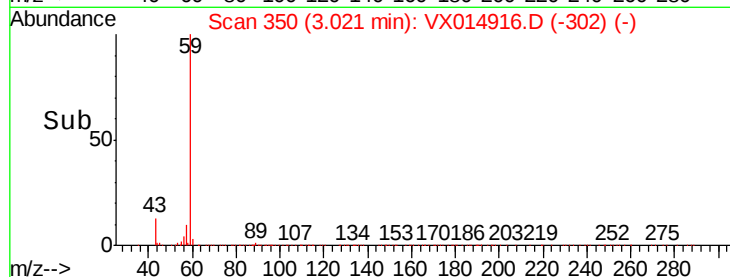
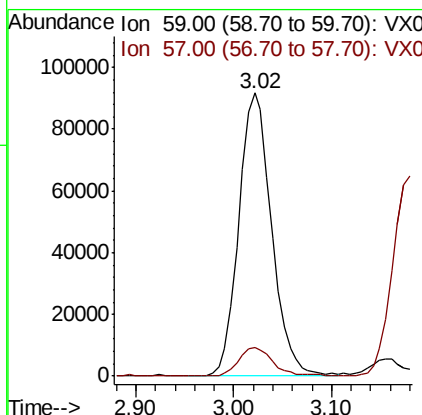
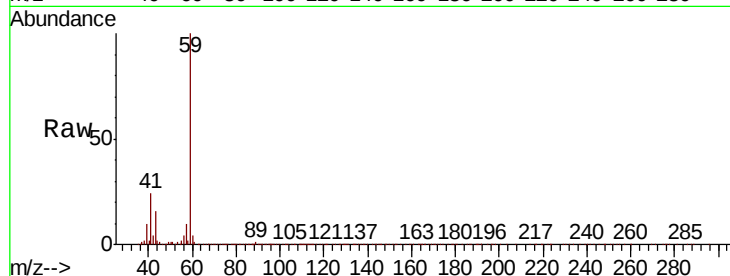


#11

Tert butyl alcohol
 Concen: 231.730 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampled :

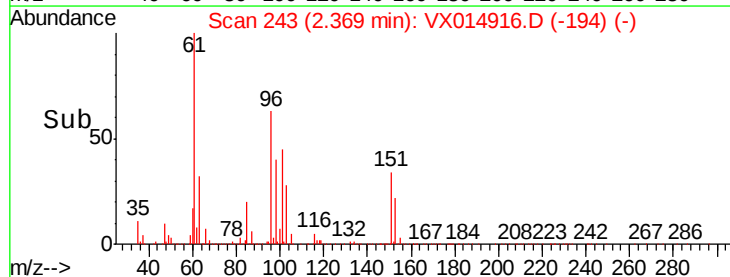
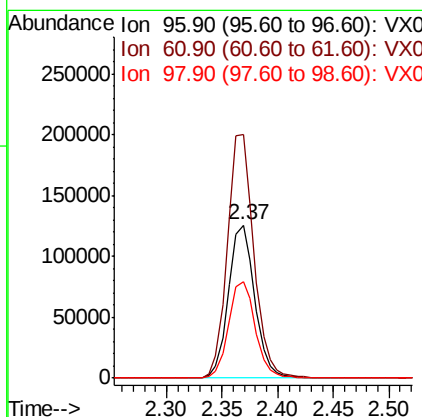
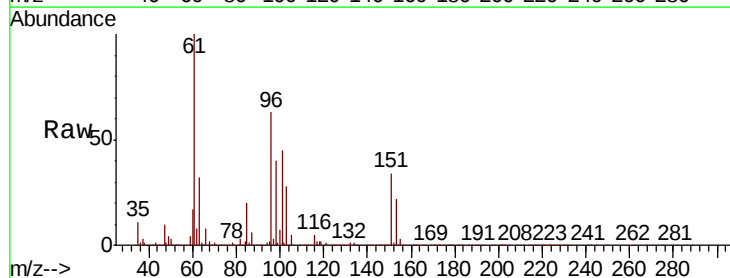
Tot Ion: 59 Resp: 213618
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.4

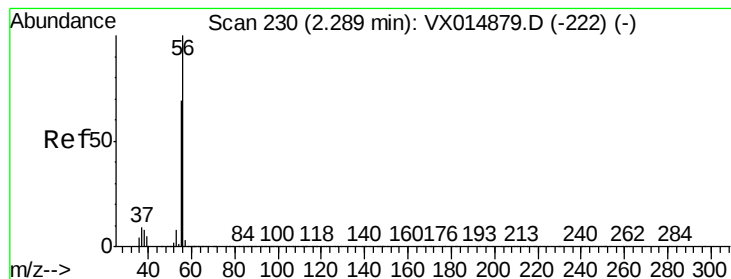


#12

1,1-Dichloroethene
 Concen: 48.482 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion: 96 Resp: 205579
 Ion Ratio Lower Upper
 96 100
 61 159.3 129.5 194.3
 98 63.4 50.6 76.0





#13

Acrolein

Concen: 244.219 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

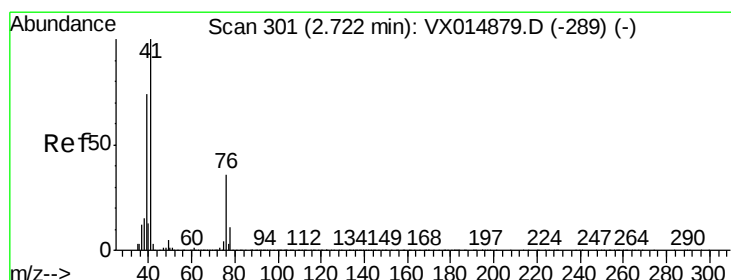
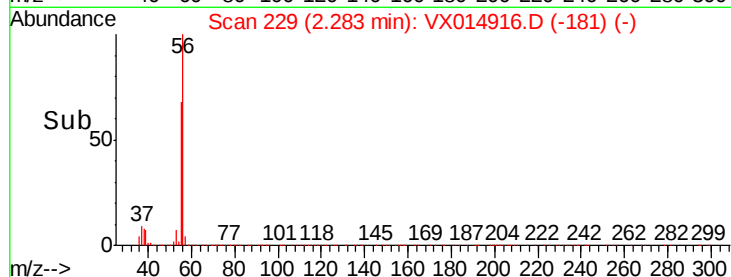
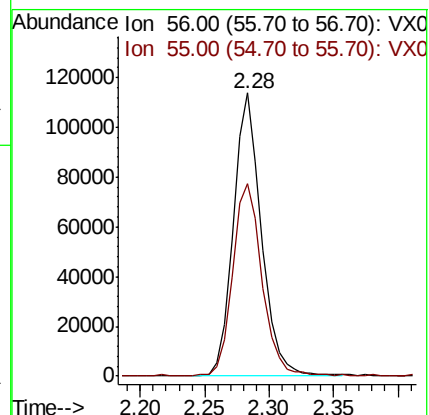
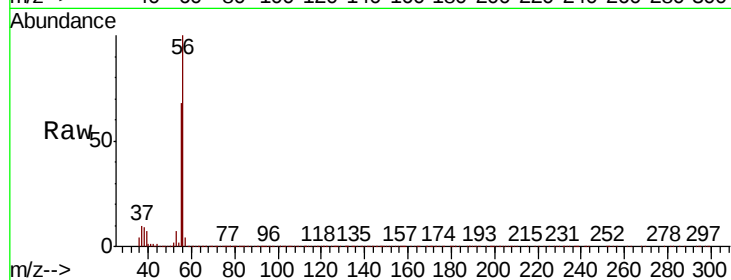
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 171586

Ion Ratio Lower Upper

56 100

55 70.7 55.0 82.4



#14

Allyl chloride

Concen: 46.672 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

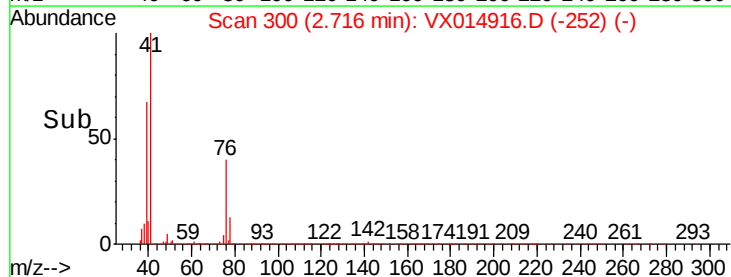
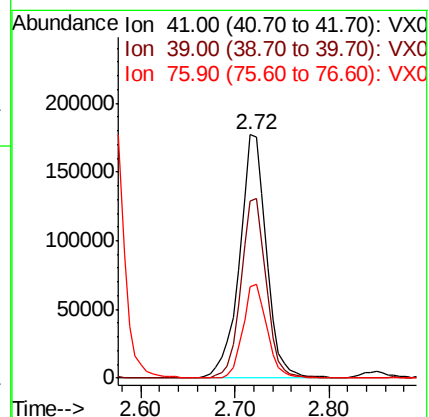
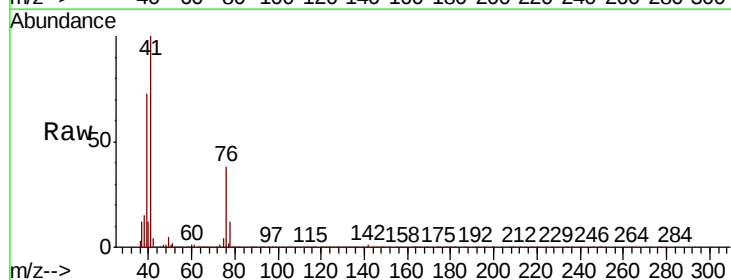
Tgt Ion: 41 Resp: 350876

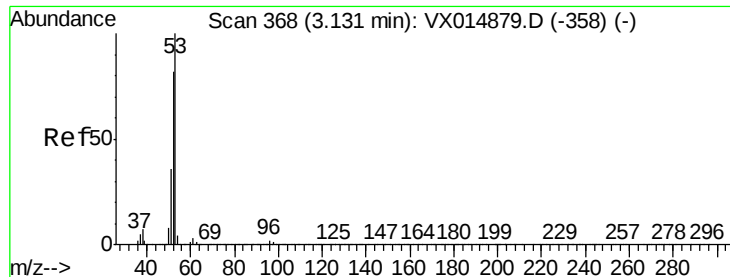
Ion Ratio Lower Upper

41 100

39 68.9 55.2 82.8

76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 234.545 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

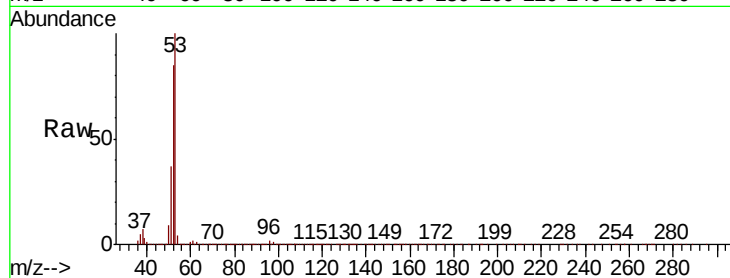
Tot Ion: 53 Resp: 548116

Ion Ratio Lower Upper

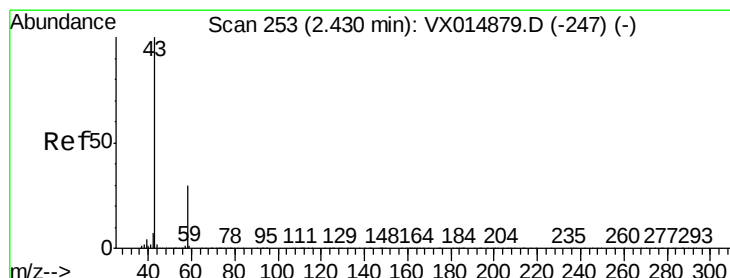
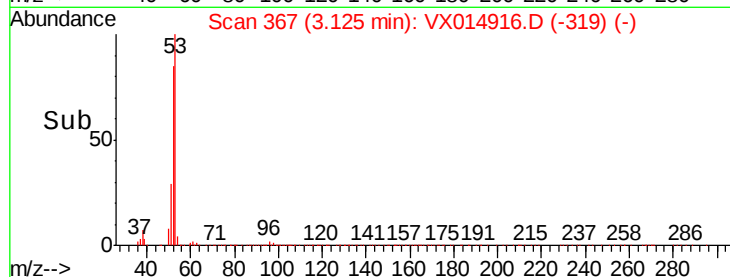
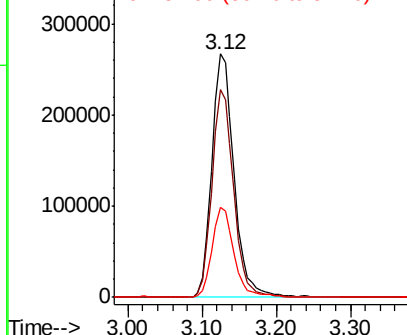
53 100

52 83.0 65.8 98.6

51 36.3 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 273.960 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014916.D

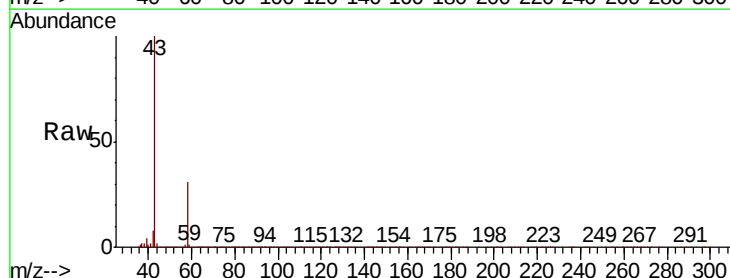
Acq: 12 Feb 2020 11:04

Tgt Ion: 43 Resp: 765404

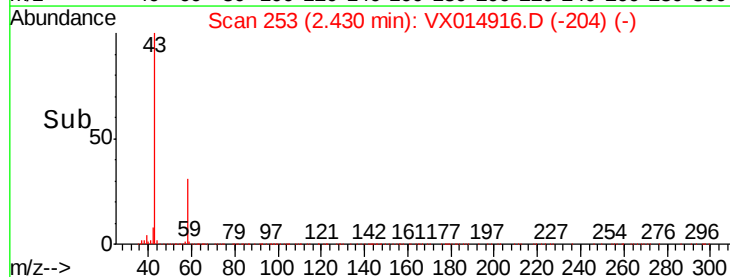
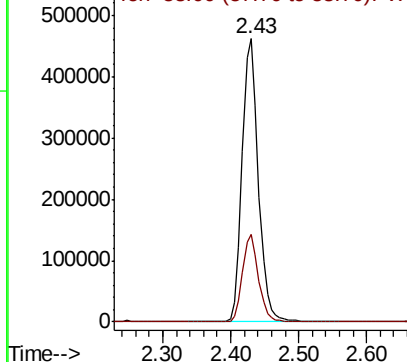
Ion Ratio Lower Upper

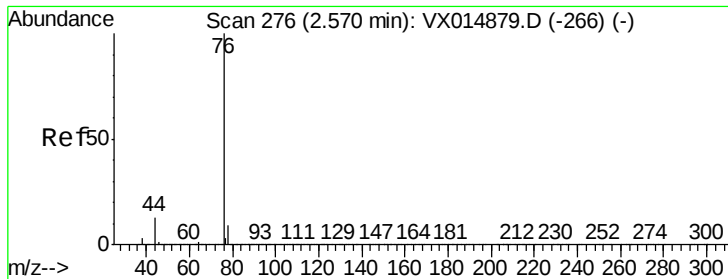
43 100

58 30.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

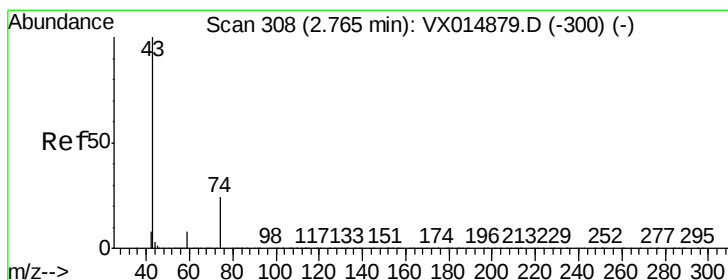
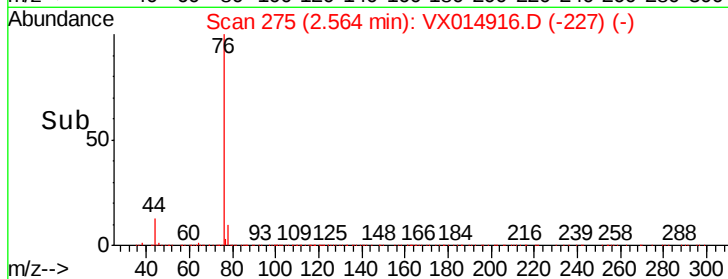
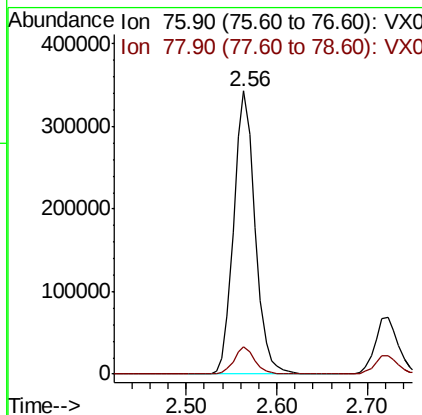
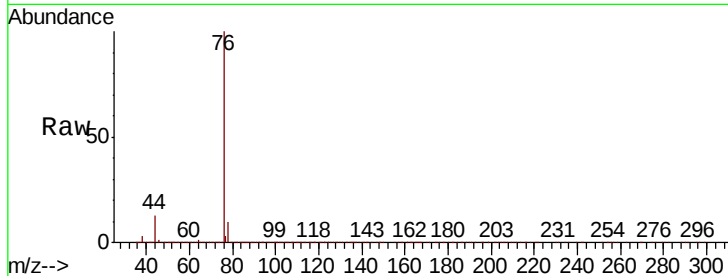




#17
Carbon Disulfide
Concen: 47.196 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

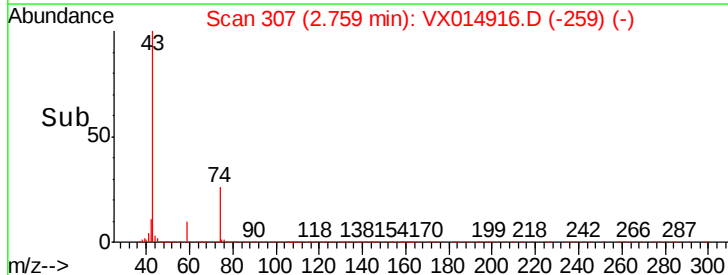
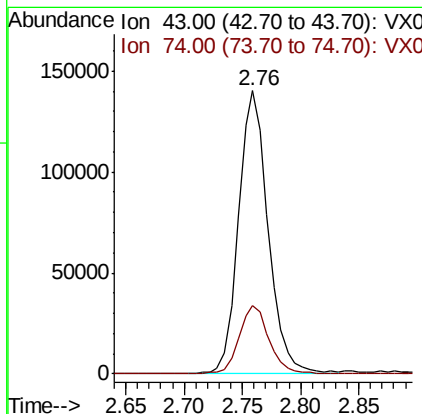
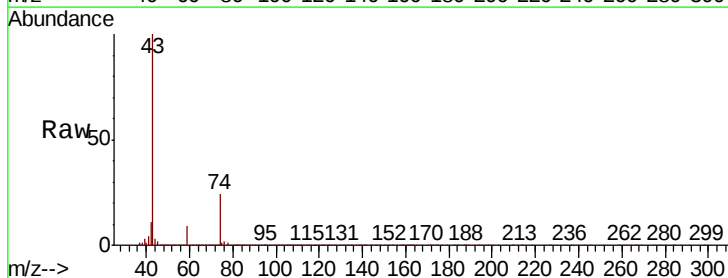
Instrument :
MSVOA_X
ClientSampleId :

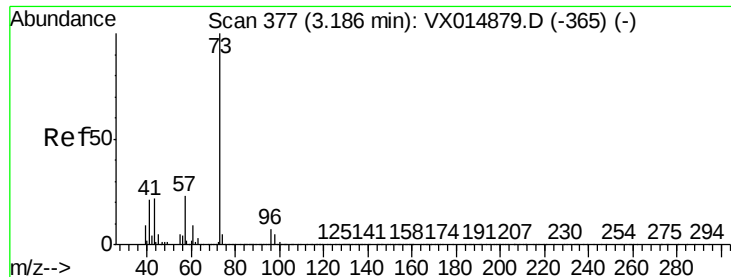
Tot Ion: 76 Resp: 559157
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 46.865 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 43 Resp: 246430
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0

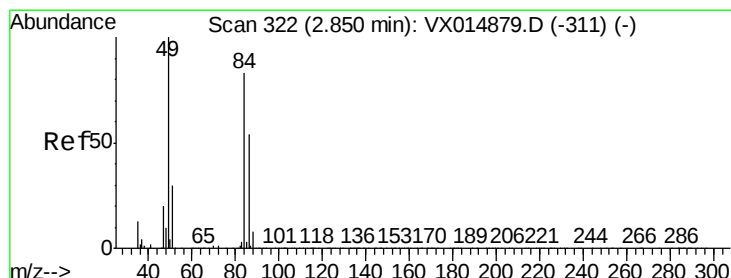
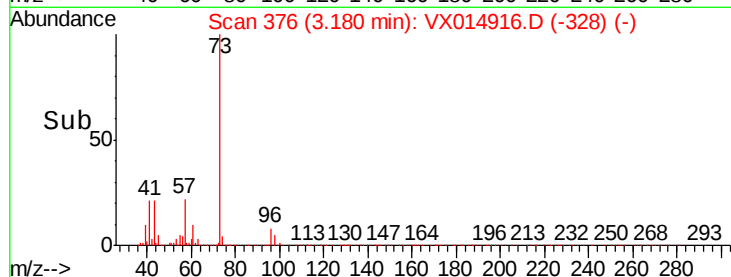
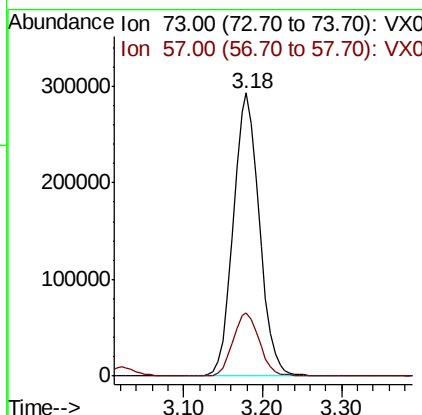
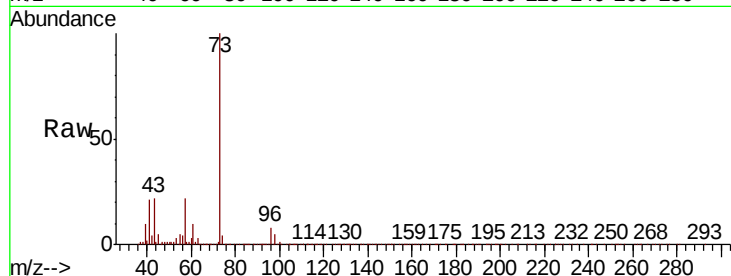




#19
Methvl tert-butvl Ether
Concen: 48.726 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

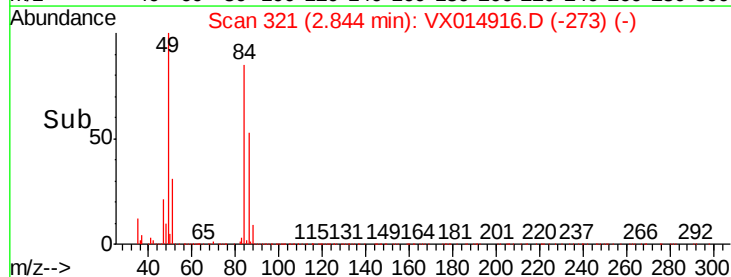
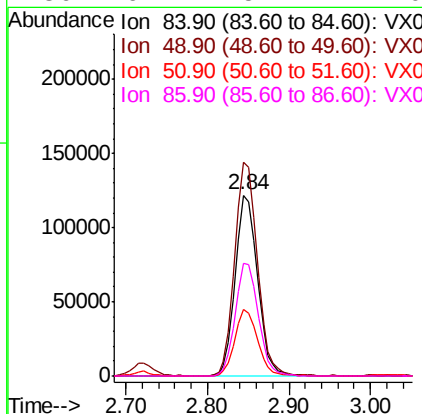
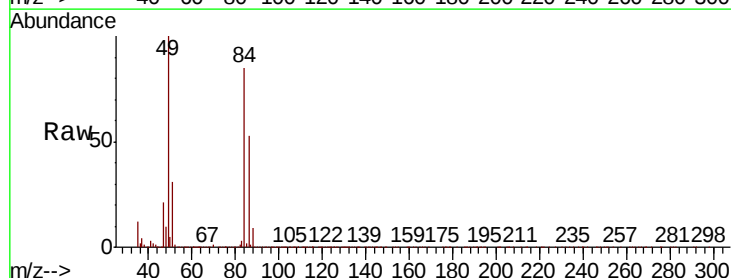
Instrument :
MSVOA_X
ClientSampleId :

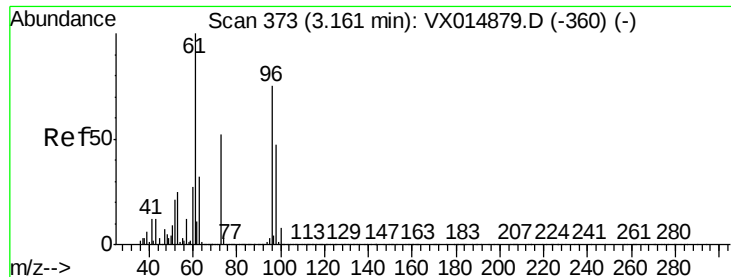
Tot Ion: 73 Resp: 672434
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 45.866 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 84 Resp: 230360
Ion Ratio Lower Upper
84 100
49 118.0 95.6 143.4
51 36.6 29.0 43.6
86 62.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 46.848 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

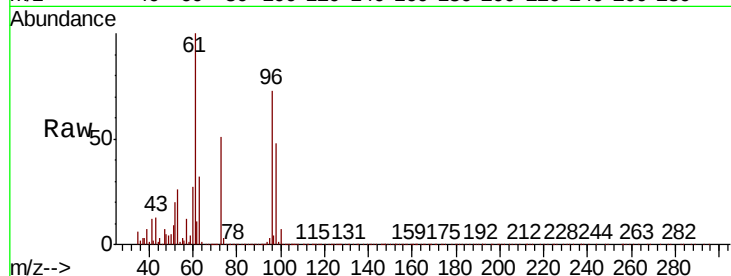
Tot Ion: 96 Resp: 219195

Ion Ratio Lower Upper

96 100

61 137.4 106.9 160.3

98 66.4 50.7 76.1

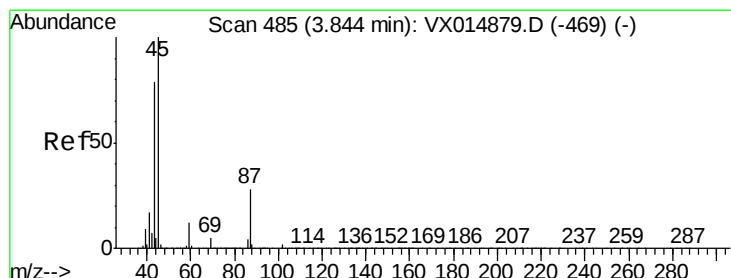
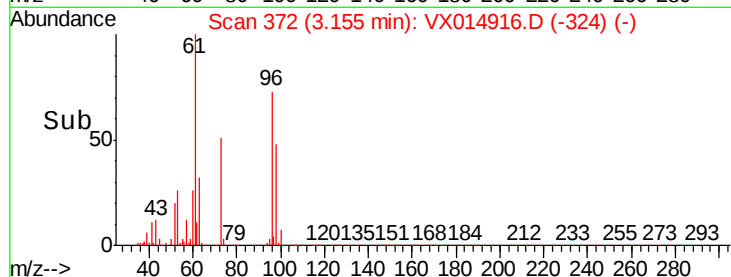
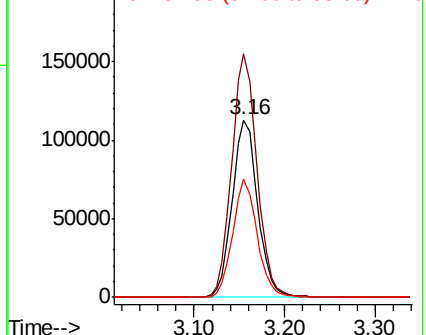


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.631 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion: 45 Resp: 712644

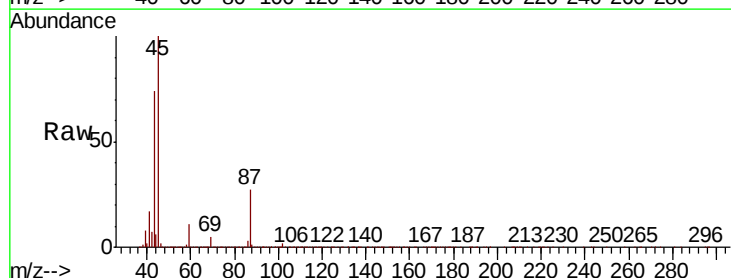
Ion Ratio Lower Upper

45 100

43 74.4 63.5 95.3

87 27.5 22.2 33.4

59 11.4 9.4 14.0



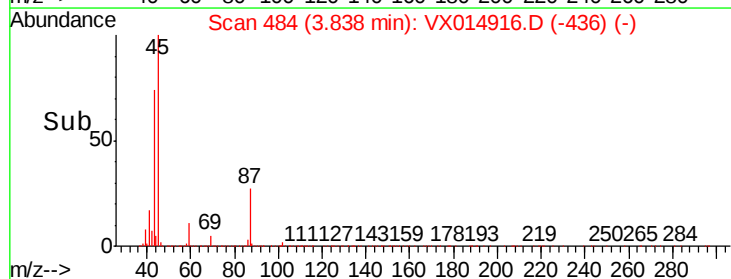
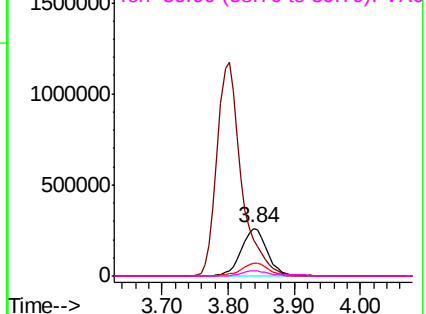
Abundance

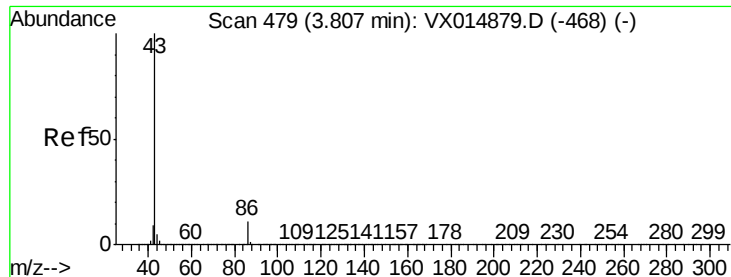
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

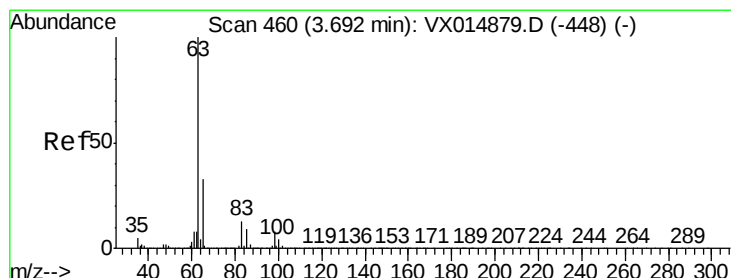
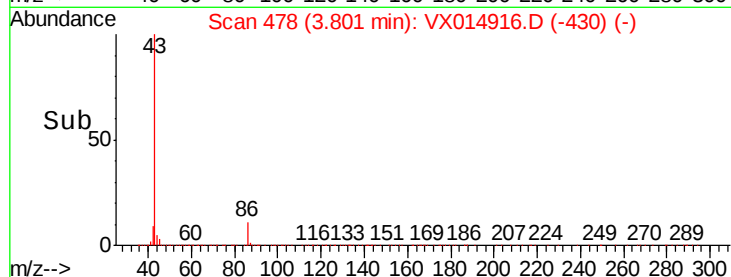
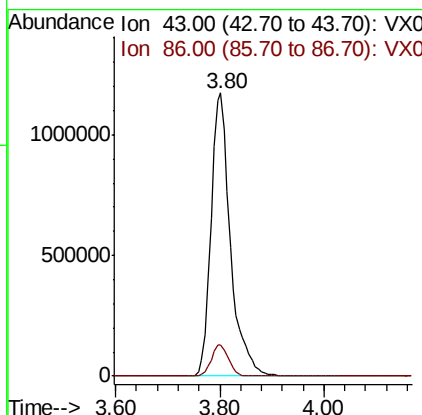
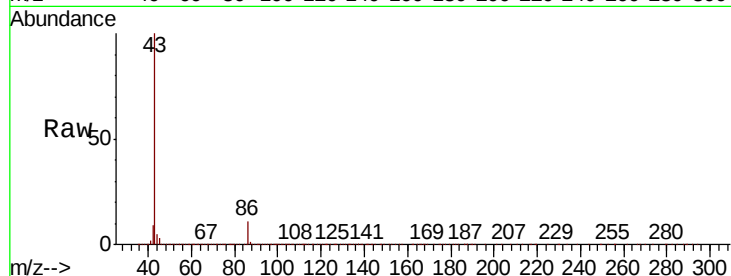




#23
 Vinyl Acetate
 Concen: 255.402 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

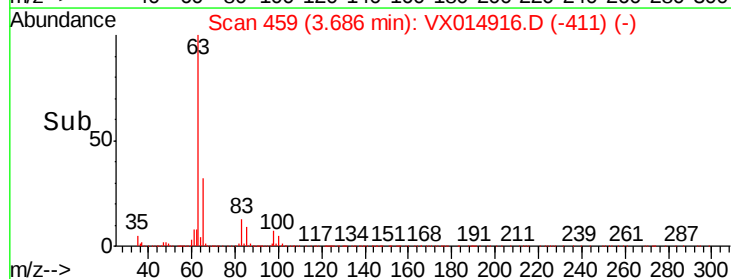
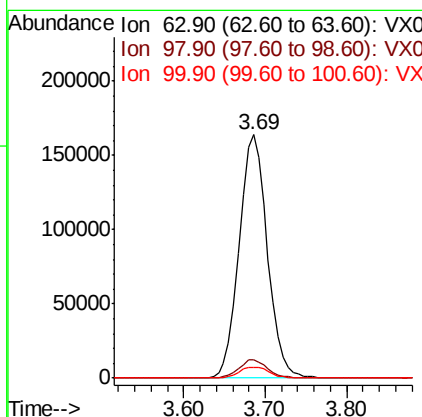
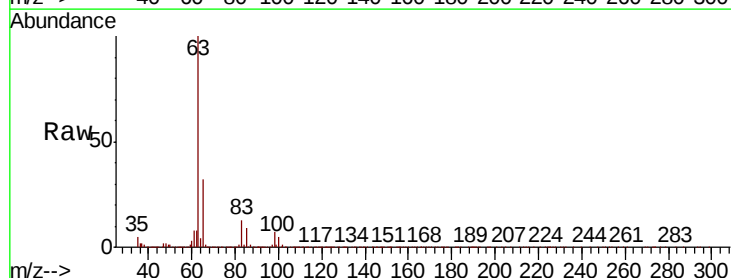
Instrument :
 MSVOA_X
 ClientSampleId :

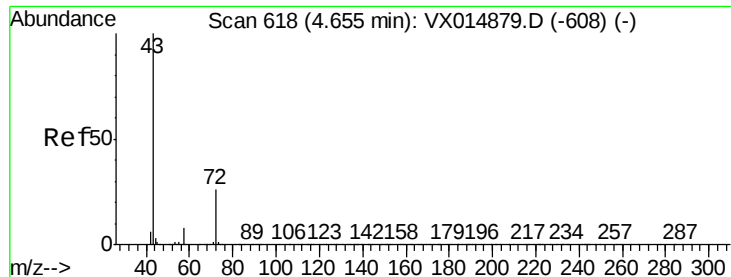
Tot Ion: 43 Resp: 3023095
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 48.399 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion: 63 Resp: 392211
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.5 2.2 6.6

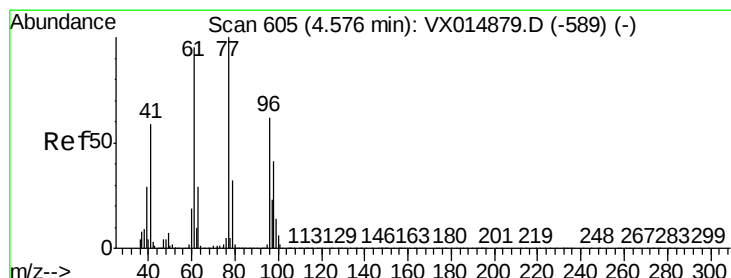
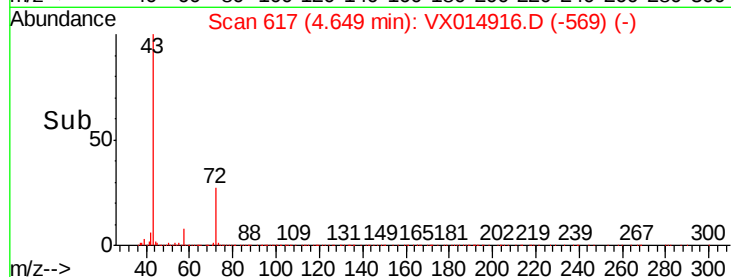
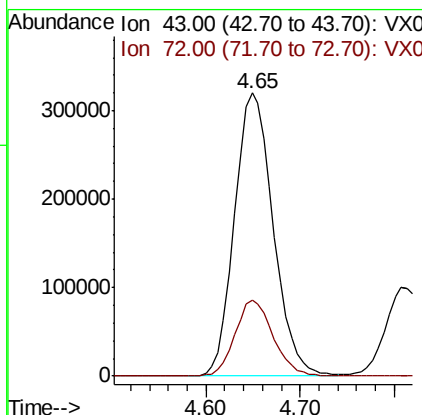
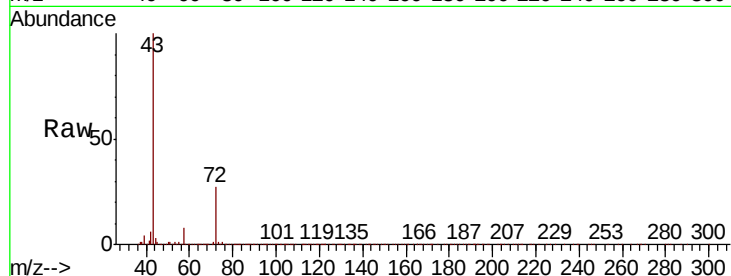




#25
2-Butanone
Concen: 257.382 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

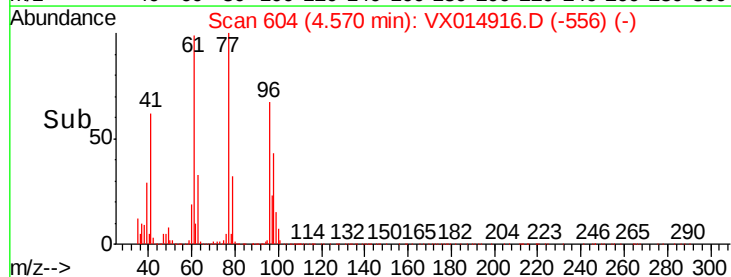
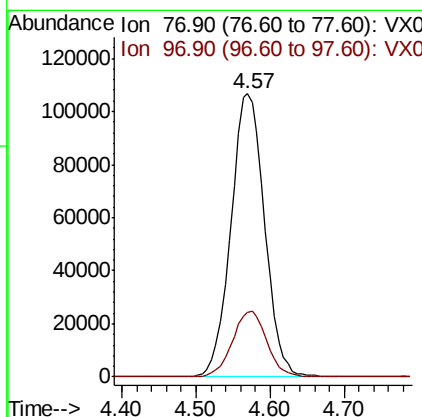
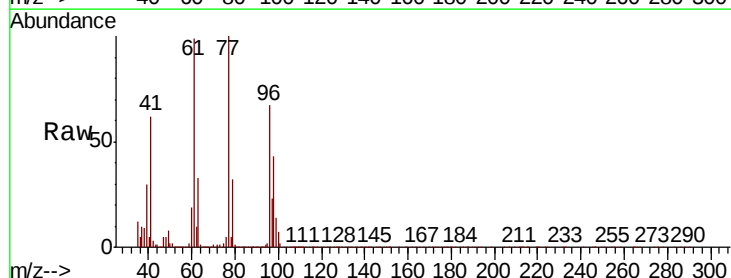
Instrument :
MSVOA_X
ClientSampleId :

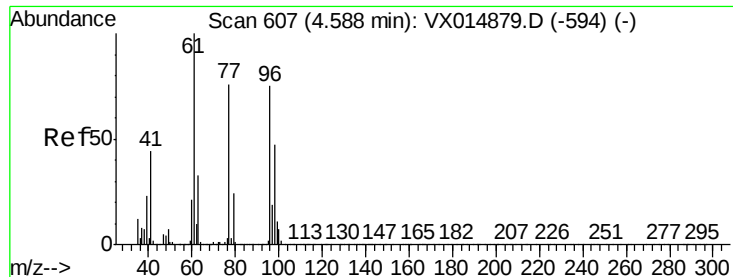
Tot Ion: 43 Resp: 914850
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 48.114 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 77 Resp: 336020
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5



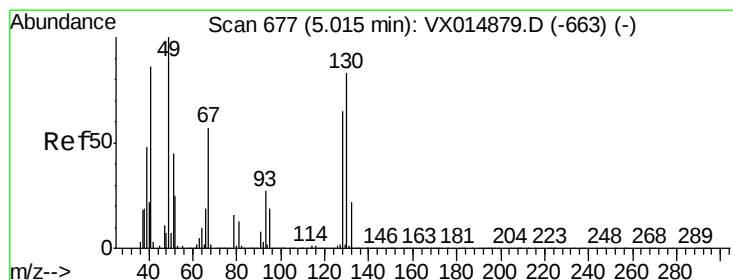
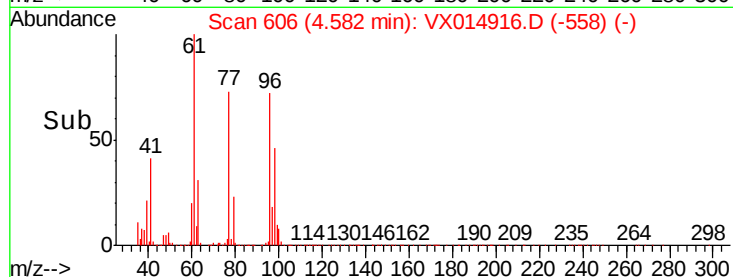
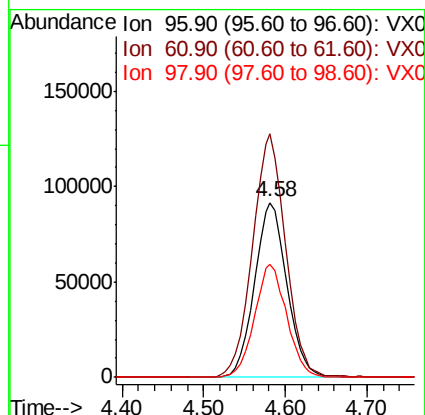
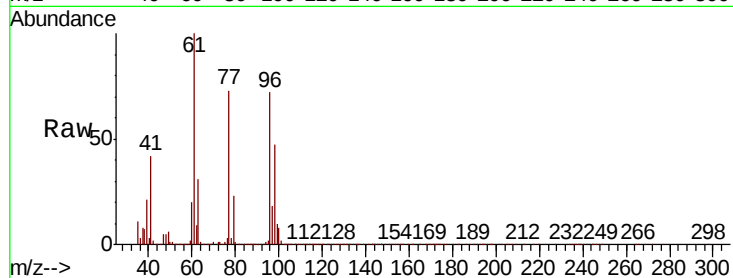


#27

cis-1,2-Dichloroethene
Concen: 48.306 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

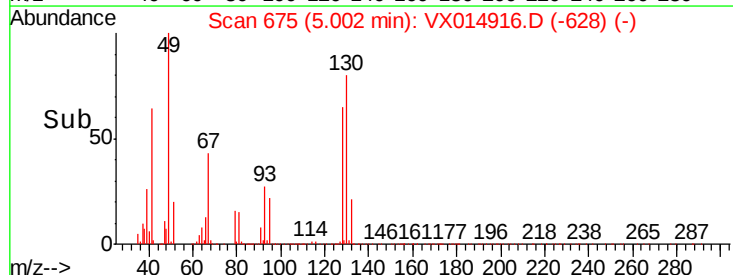
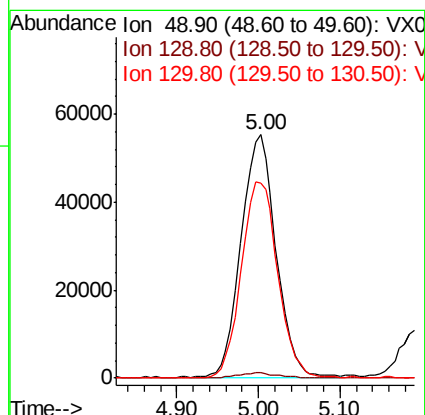
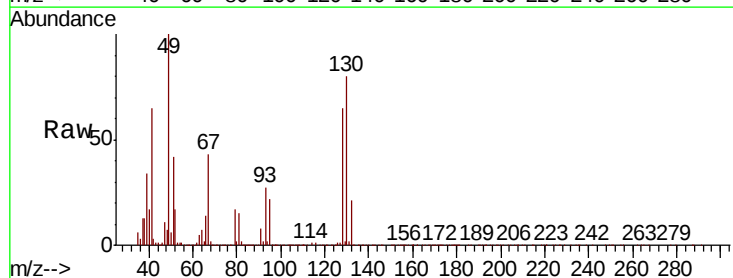
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	286.2
98	64.6	0.0	131.0

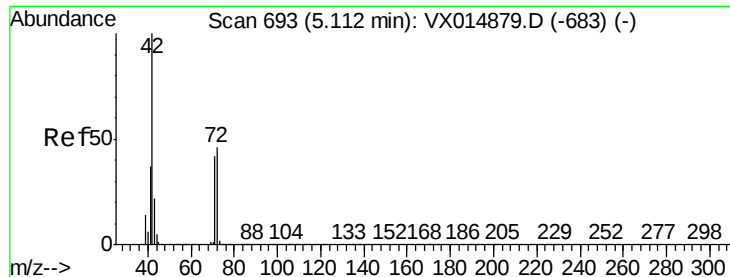


#28

Bromochloromethane
Concen: 52.549 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	84.3	67.4	101.2





#29

Tetrahydrofuran

Concen: 239.765 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

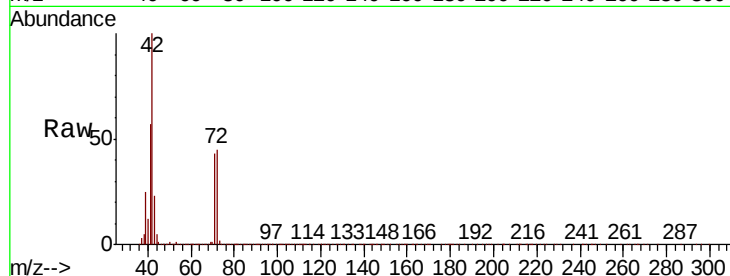
Tot Ion: 42 Resp: 484465

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

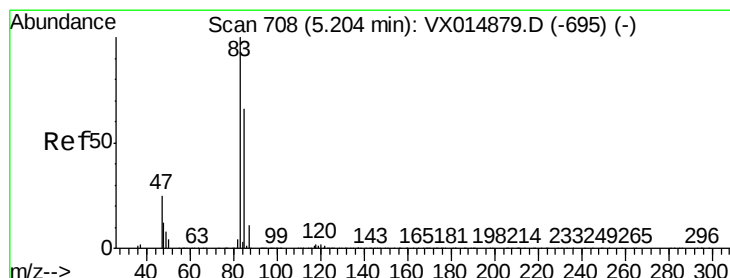
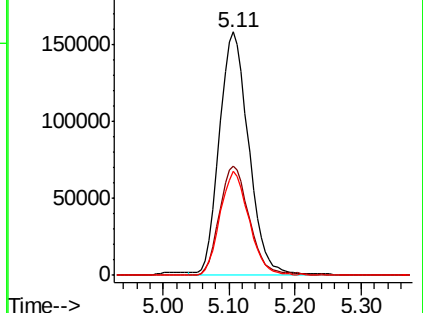
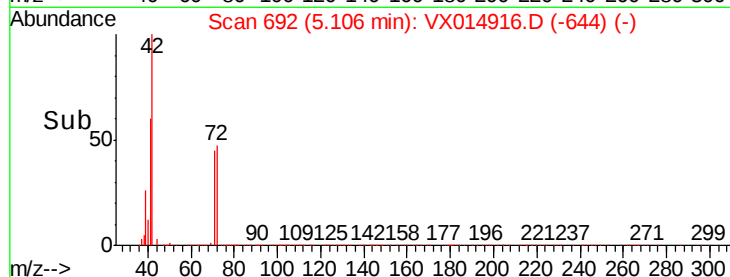
71 42.0 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.023 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014916.D

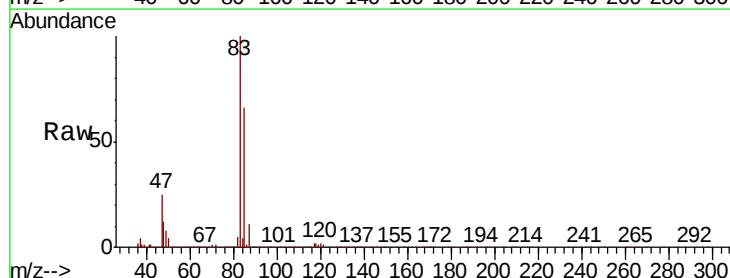
Acq: 12 Feb 2020 11:04

Tgt Ion: 83 Resp: 394155

Ion Ratio Lower Upper

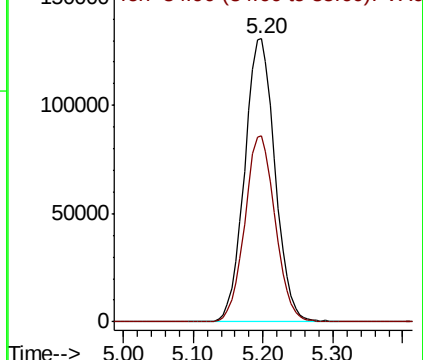
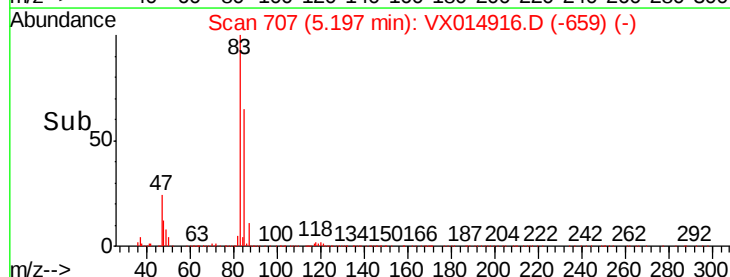
83 100

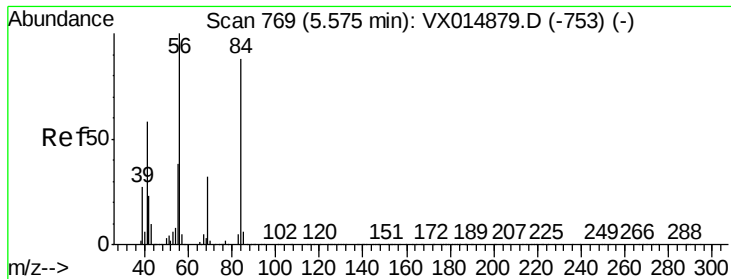
85 65.6 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

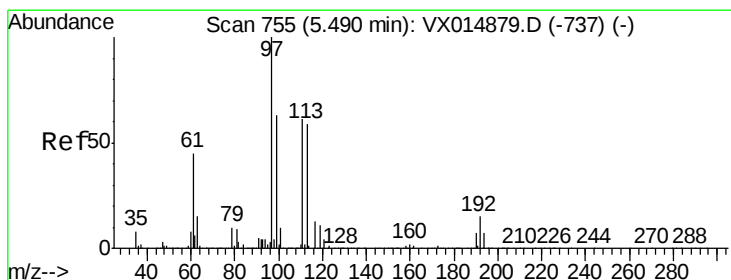
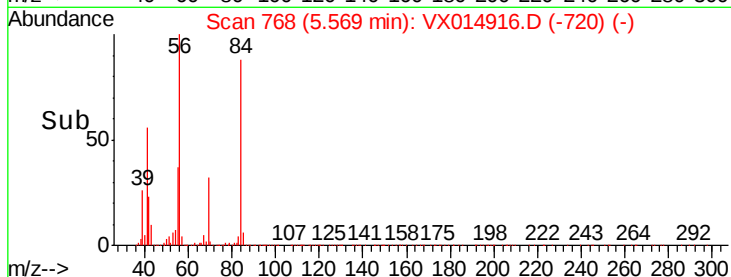
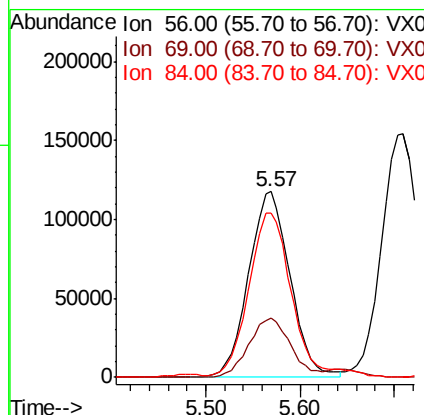
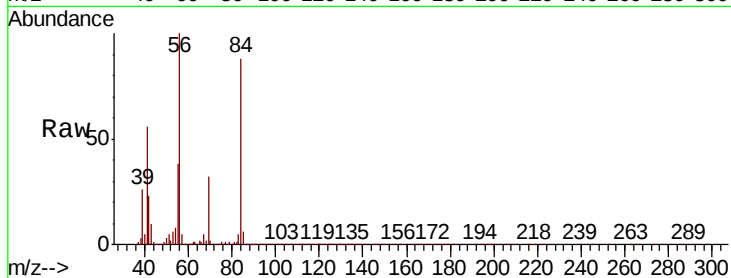




#31
Cyclohexane
Concen: 48.938 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

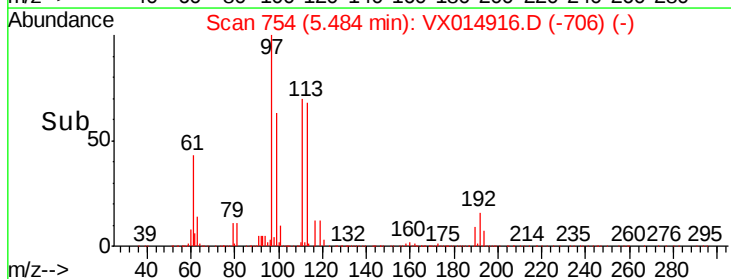
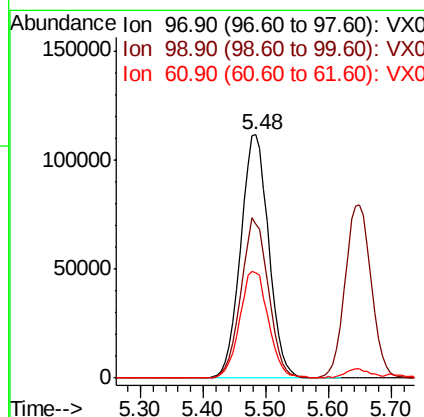
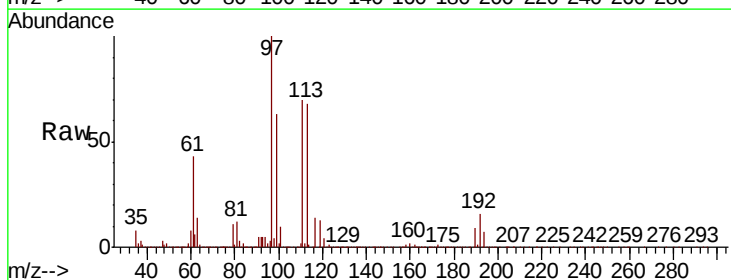
Instrument :
MSVOA_X
ClientSampled :

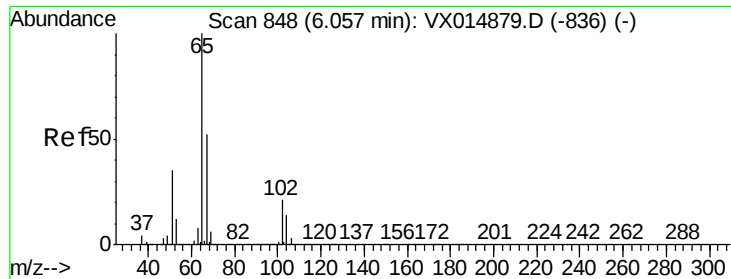
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.9	38.9
84	87.0	70.4	105.6



#32
1,1,1-Trichloroethane
Concen: 49.073 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	45.0	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

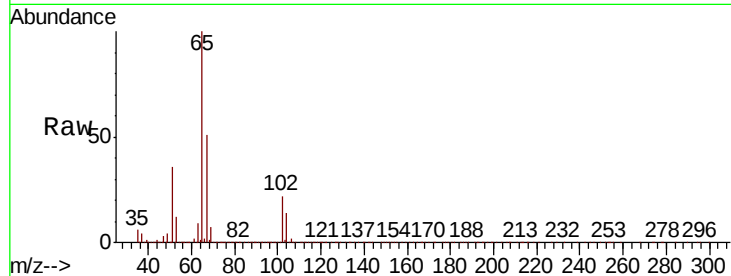
ClientSampleId :

Tot Ion: 65 Resp: 260678

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

40000

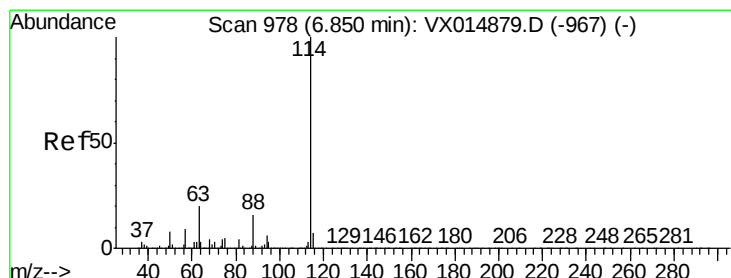
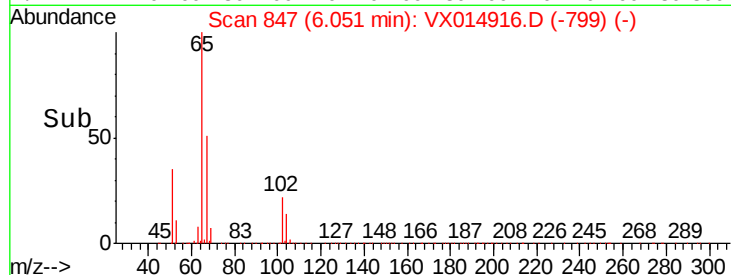
20000

0

Time-->

5.90 6.00 6.10

6.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

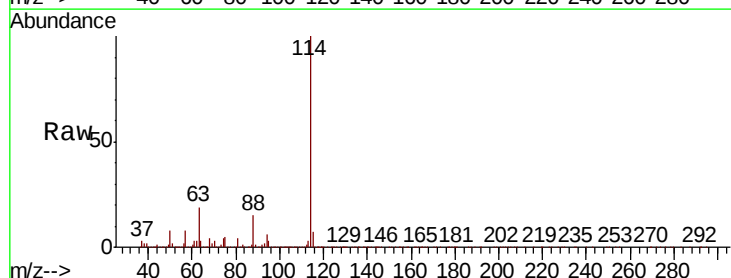
Tgt Ion: 114 Resp: 668800

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.3 0.0 32.0



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

300000

200000

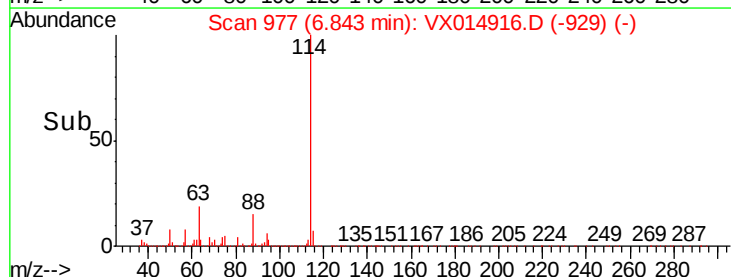
100000

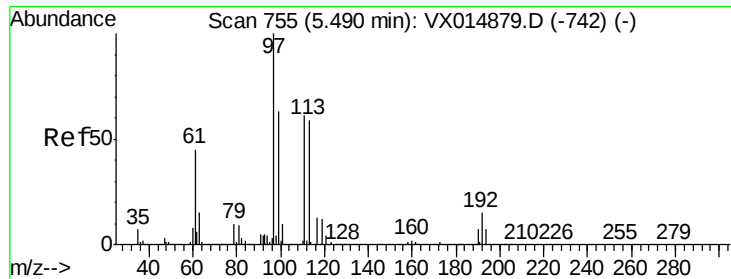
0

Time-->

6.70 6.80 6.90 7.00

6.84

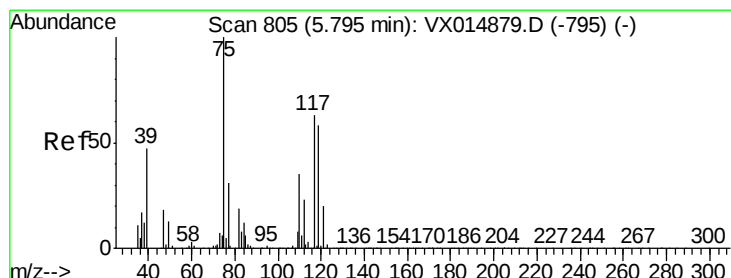
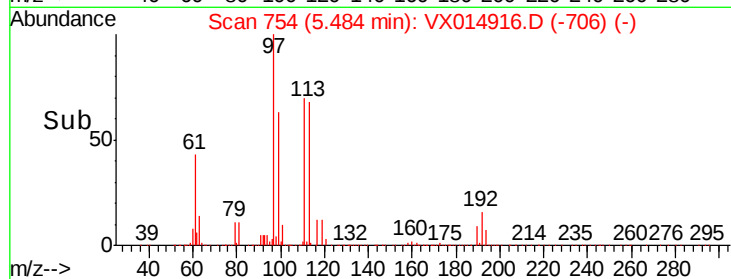
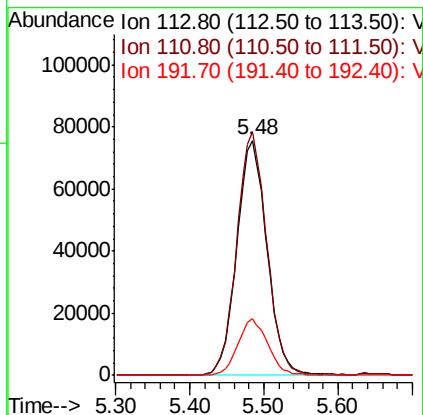
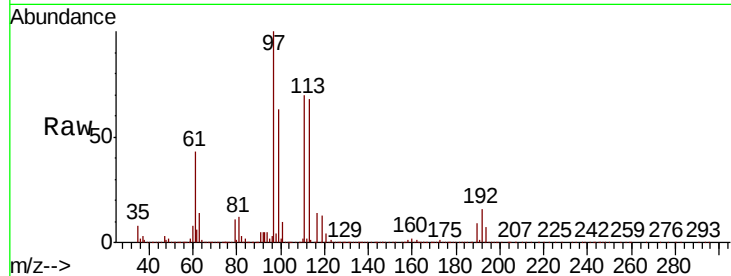




#35
 Dibromofluoromethane
 Concen: 52.181 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

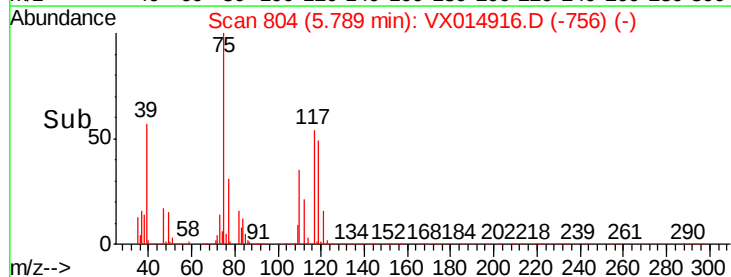
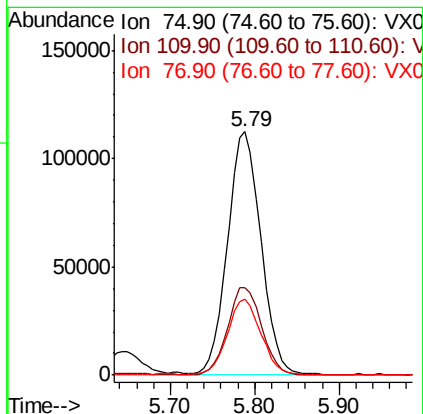
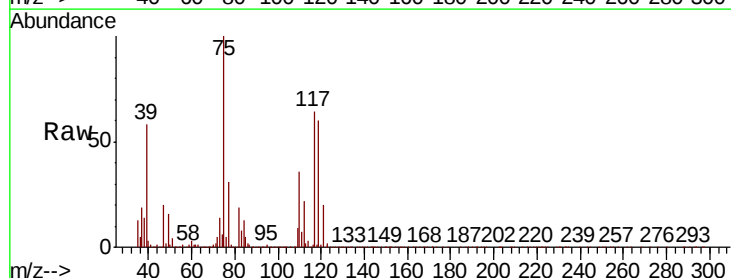
Instrument :
 MSVOA_X
 ClientSampled :

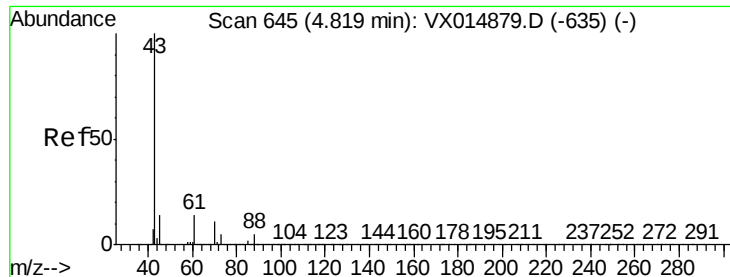
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	23.8	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 50.325 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	31.2	24.6	36.8

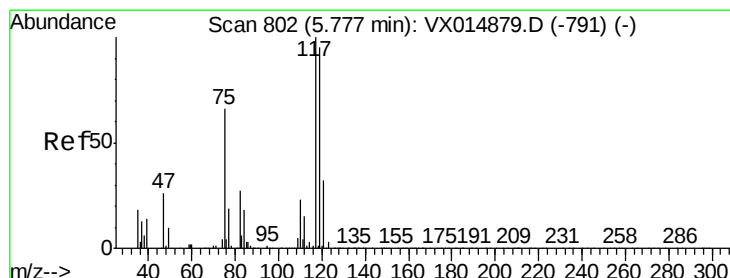
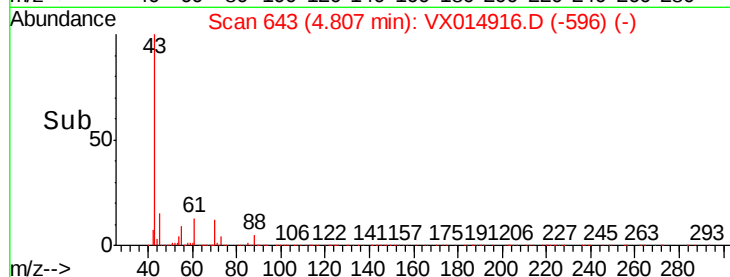
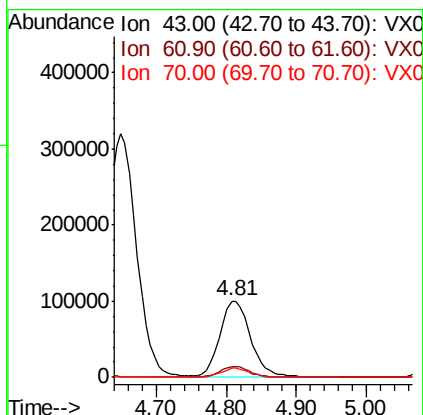
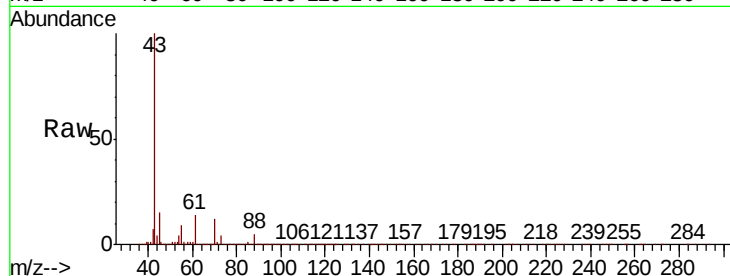




#37
Ethyl Acetate
Concen: 48.574 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

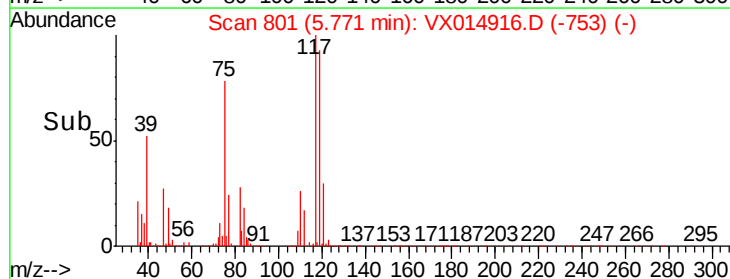
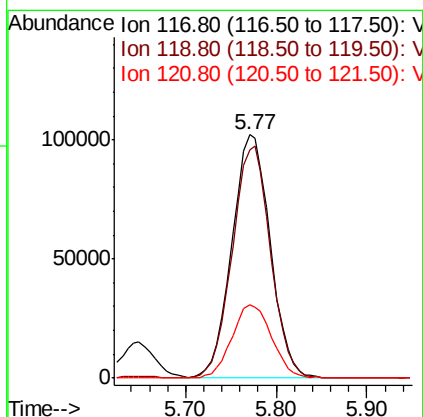
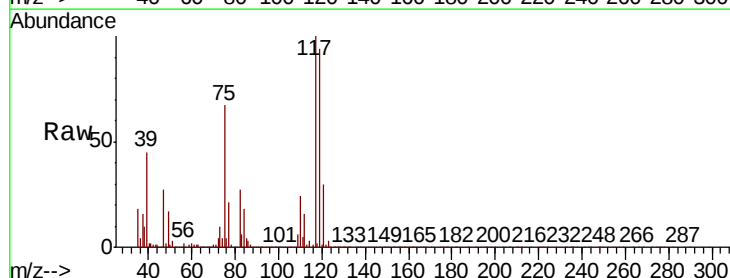
Instrument :
MSVOA_X
ClientSampled :

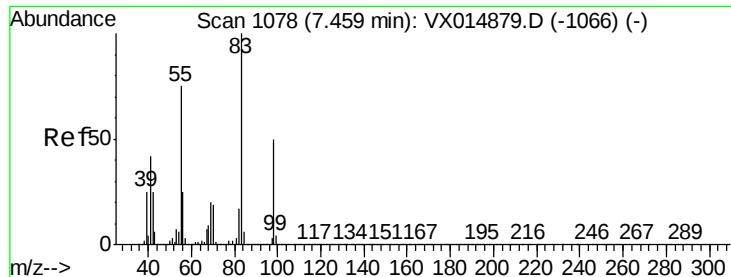
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	10.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 51.161 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.0	114.0
121	30.2	25.4	38.2

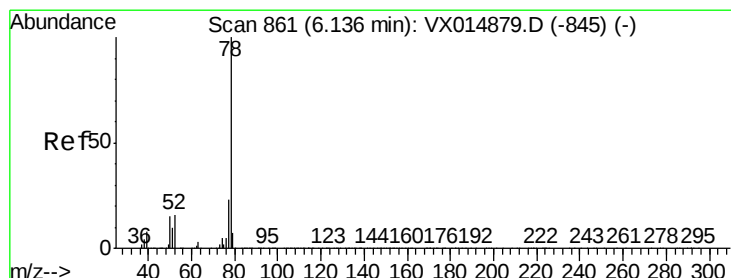
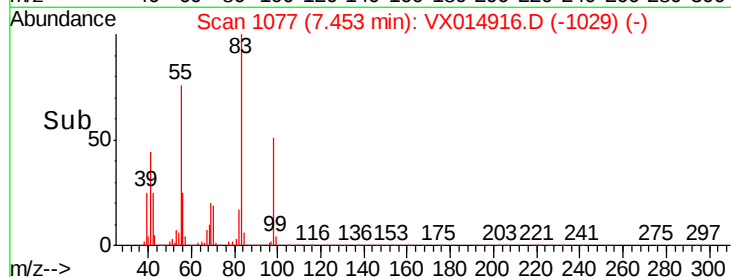
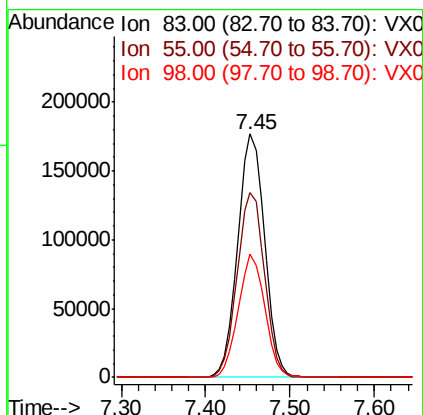
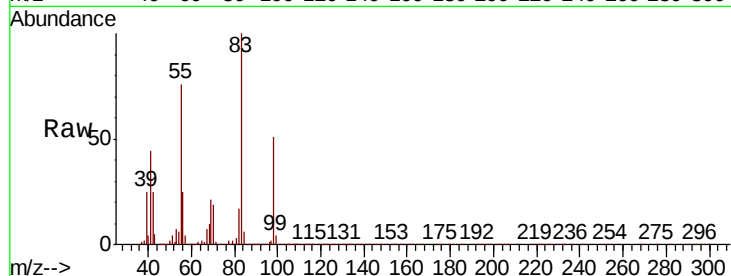




#39
Methvlcvclohexane
Concen: 50.827 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

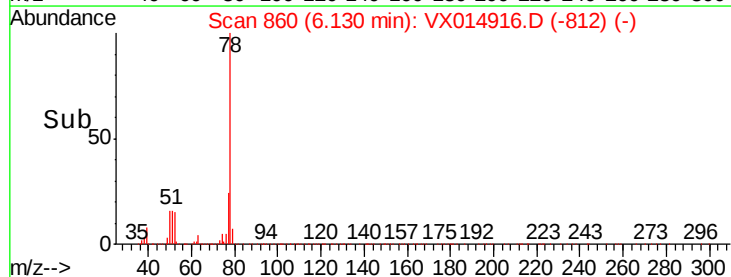
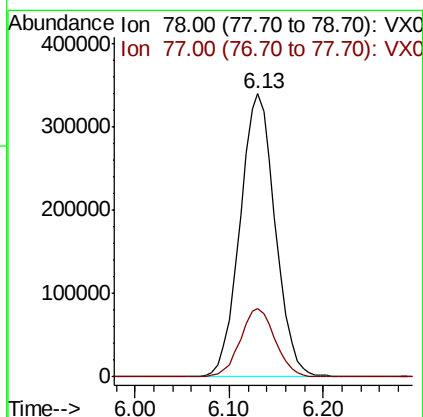
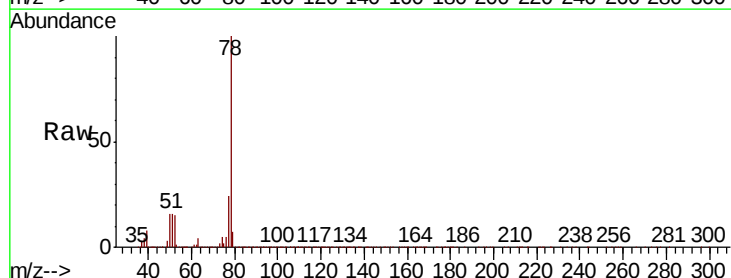
Instrument :
MSVOA_X
ClientSampleId :

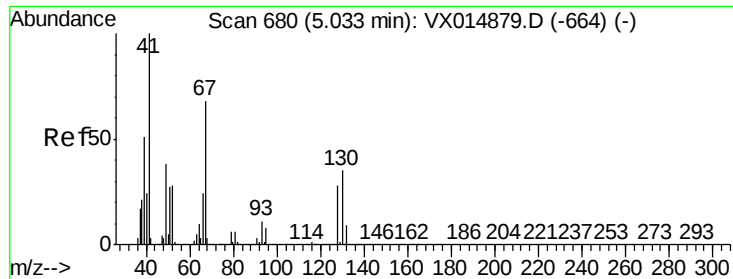
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.0	90.0
98	50.5	39.6	59.4



#40
Benzene
Concen: 49.674 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

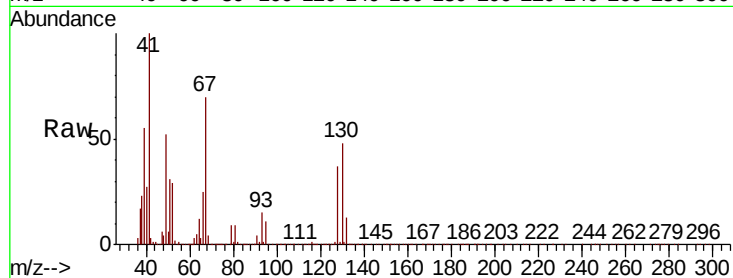




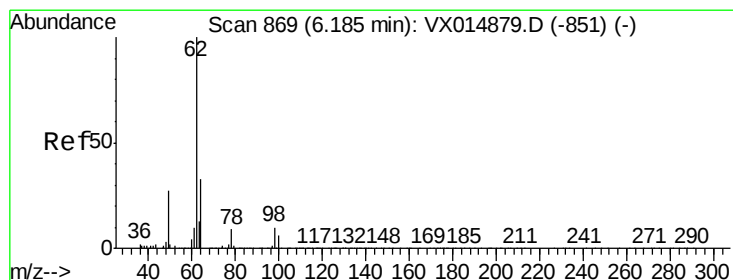
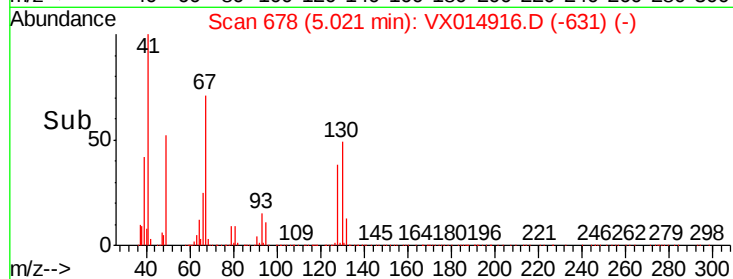
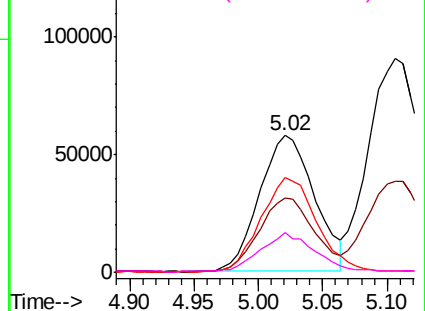
#41
Methacrylonitrile
Concen: 50.952 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	171275
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.7	67.1
67	70.9	56.6	84.8
52	28.3	22.3	33.5

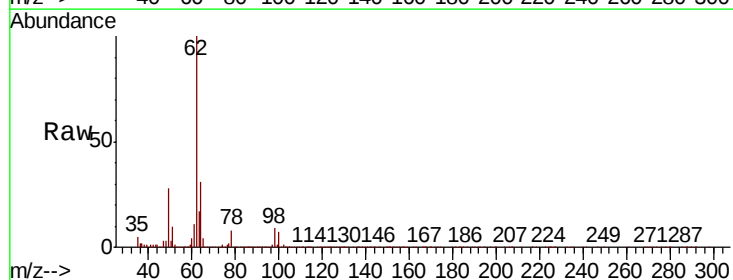


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

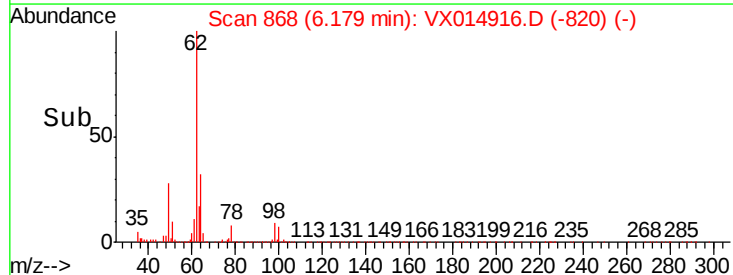
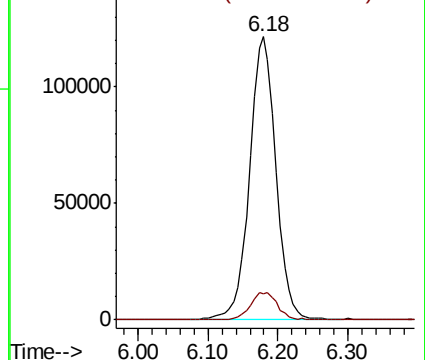


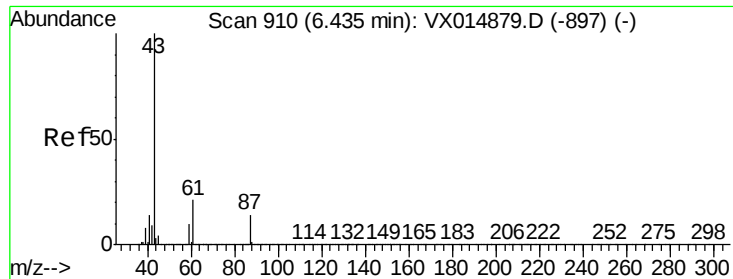
#42
1,2-Dichloroethane
Concen: 49.196 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion:	62	Resp:	317830
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2



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



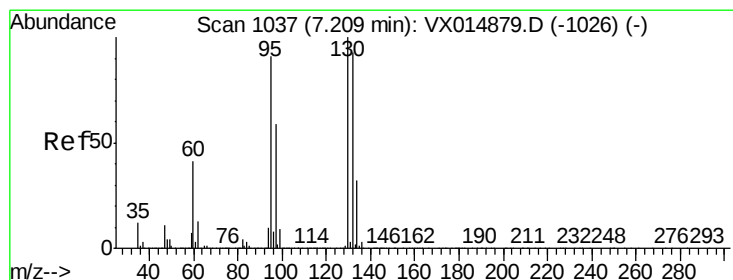
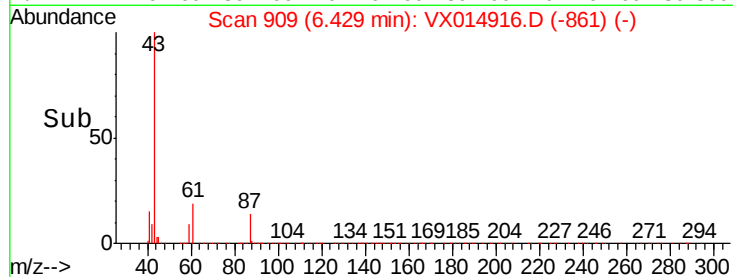
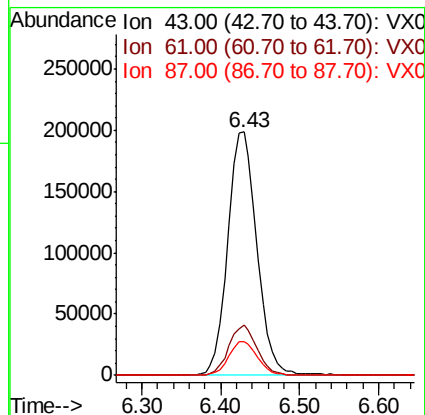
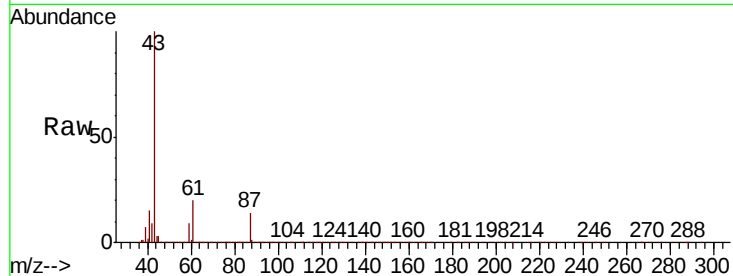


#43

Isopropyl Acetate
 Concen: 49.272 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :

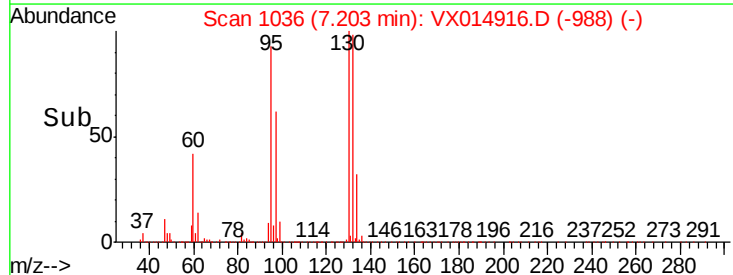
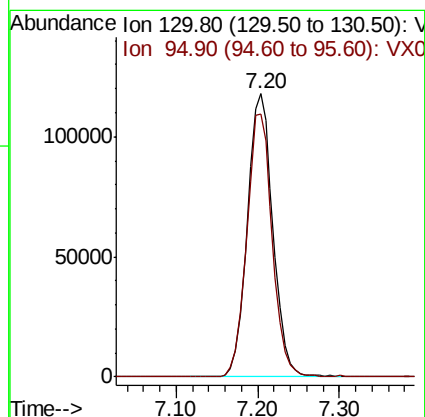
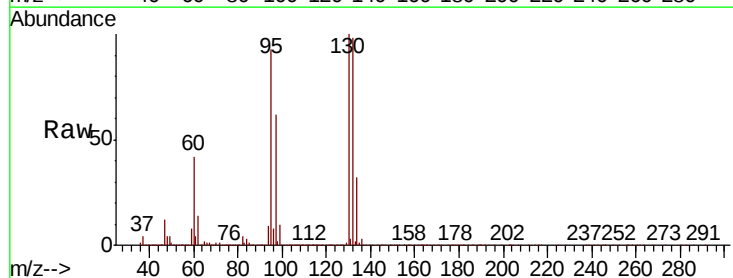
Tot Ion	43	Resp	507166
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.2	24.4
87	13.7	11.0	16.6

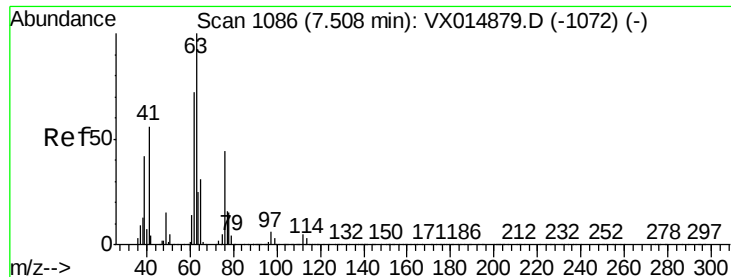


#44

Trichloroethene
 Concen: 49.394 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	130	Resp	256309
Ion Ratio	Lower	Upper	
130	100		
95	92.8	0.0	182.6





#45

1,2-Dichloropropane

Concen: 49.815 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

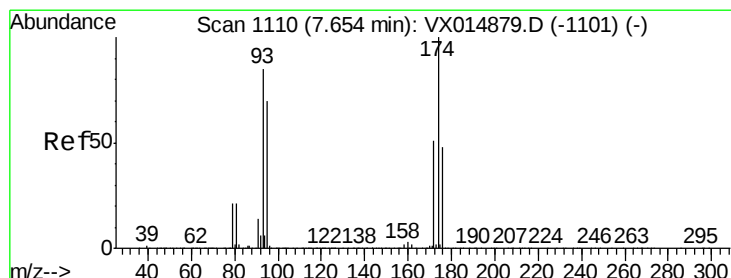
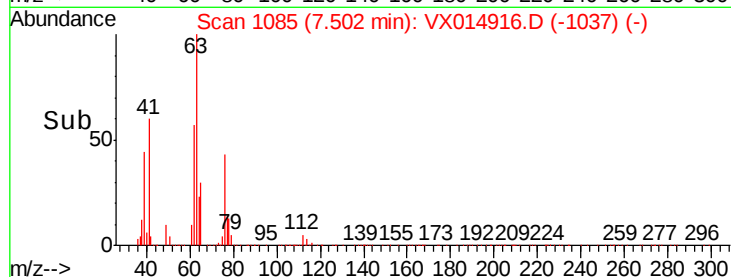
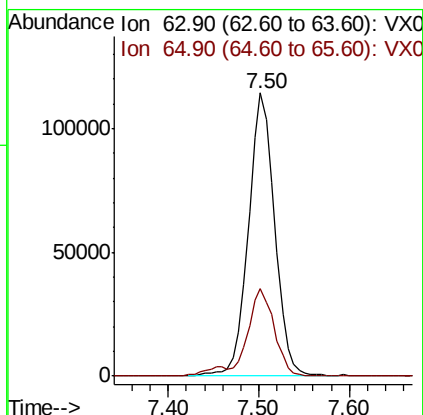
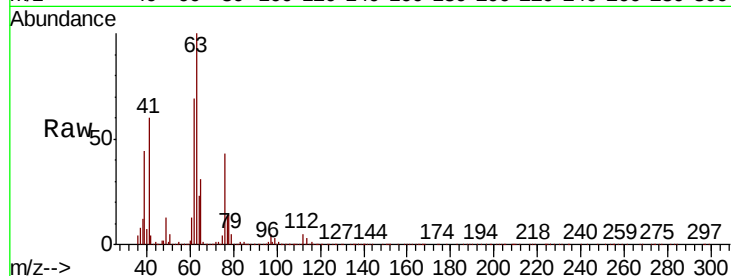
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 227091

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 48.954 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

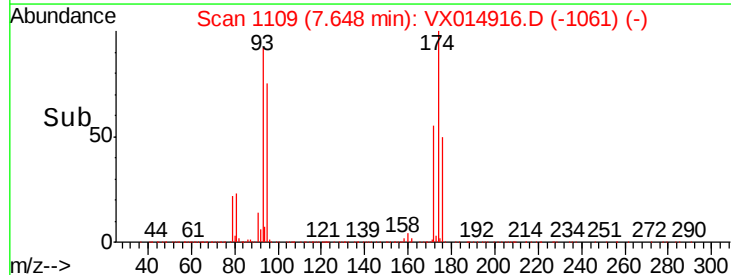
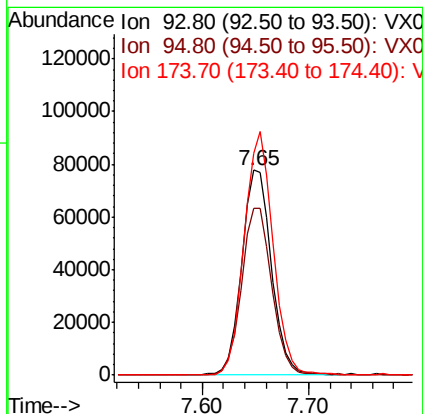
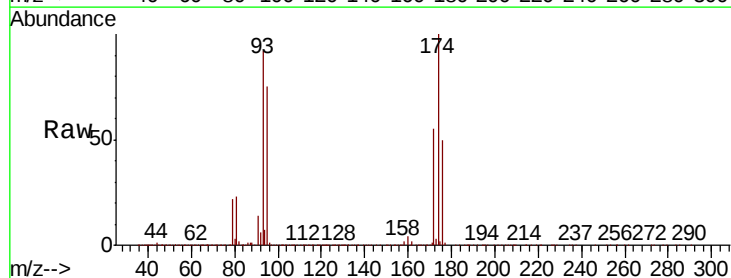
Tgt Ion: 93 Resp: 152547

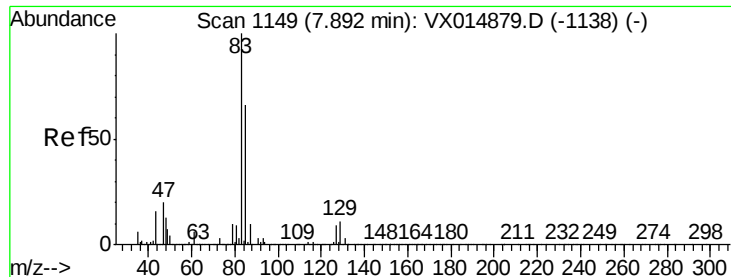
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

174 115.7 95.4 143.2

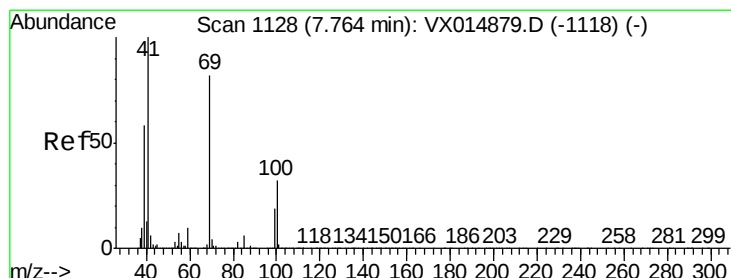
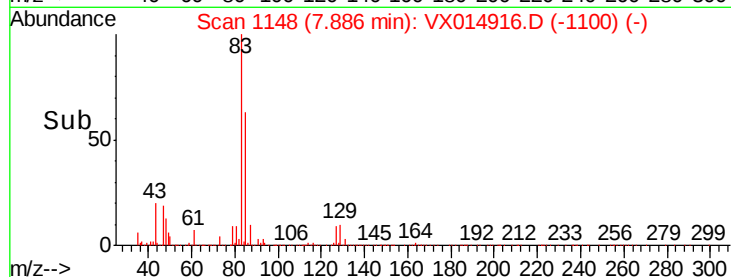
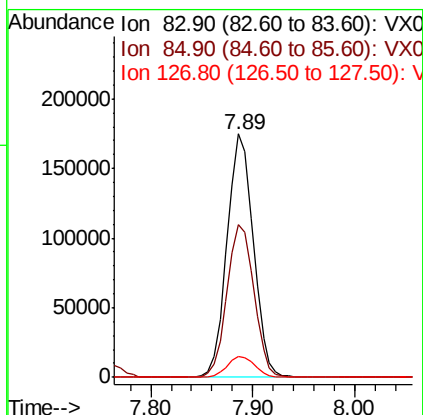
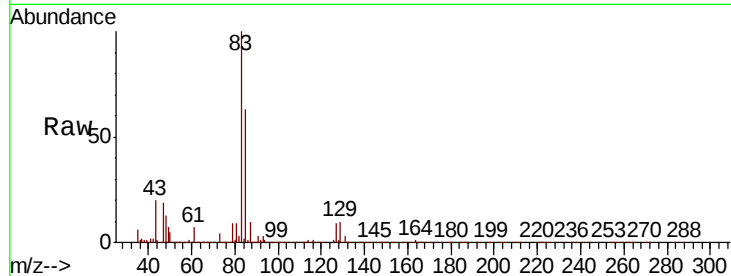




#47
Bromodichloromethane
Concen: 50.321 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

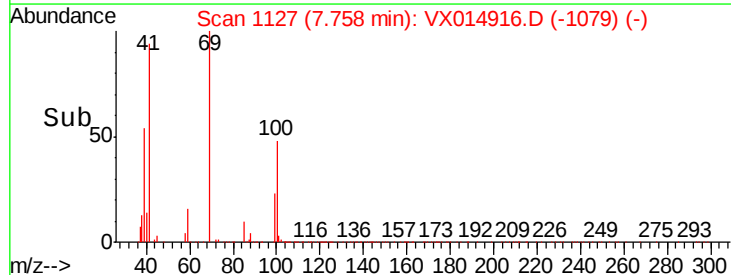
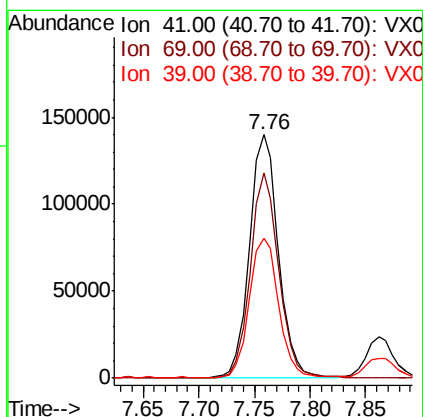
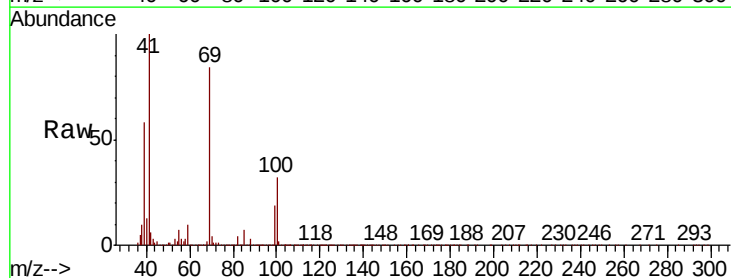
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.5	78.7
127	8.6	7.4	11.0



#48
Methyl methacrylate
Concen: 49.730 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.1	65.7	98.5
39	58.5	45.8	68.8

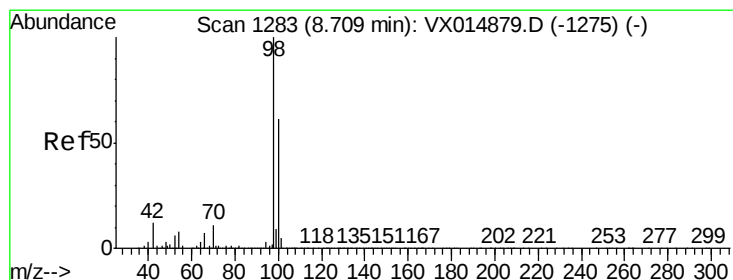
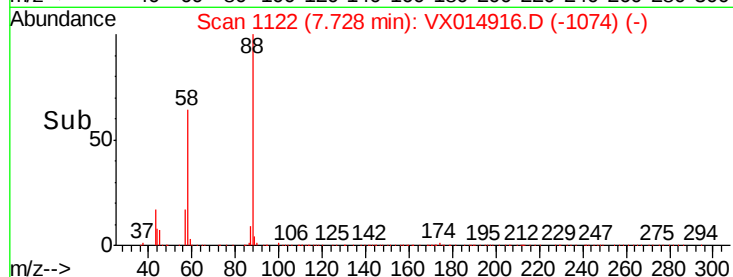
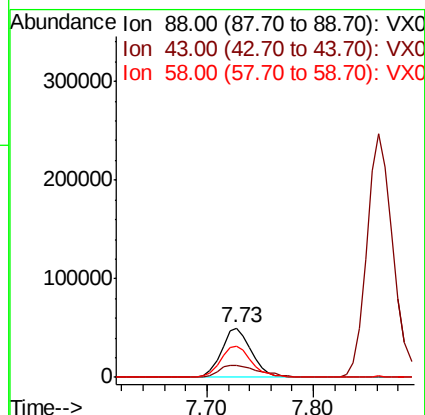
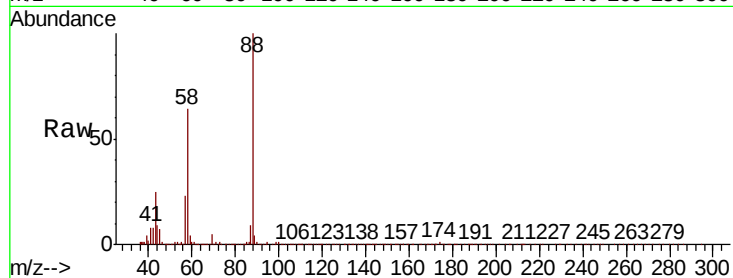




#49
1,4-Dioxane
Concen: 1012.285 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

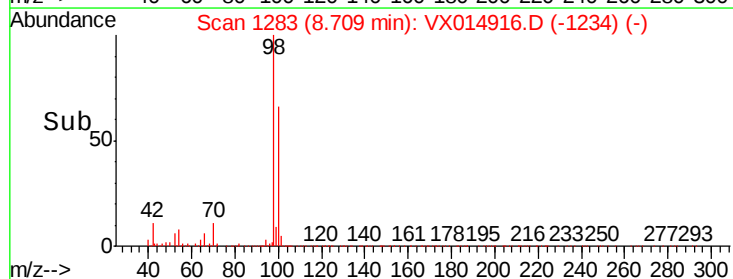
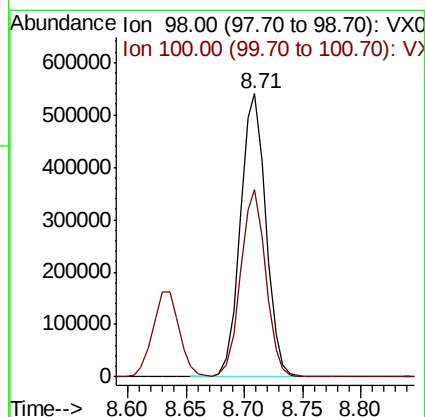
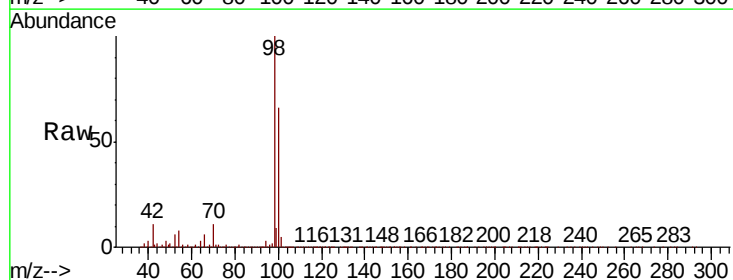
Instrument :
MSVOA_X
ClientSampleId :

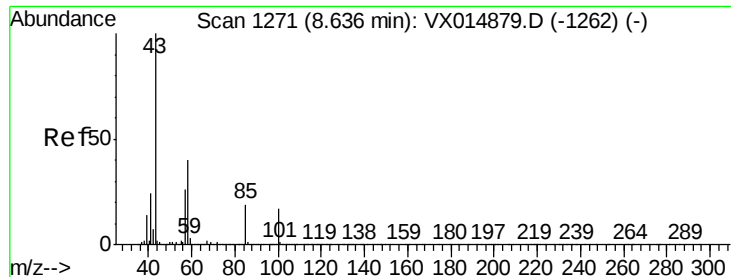
Tot Ion	88	Resp	95876
Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	67.1	53.2	79.8



#50
Toluene-d8
Concen: 52.603 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion	98	Resp	825578
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 248.445 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

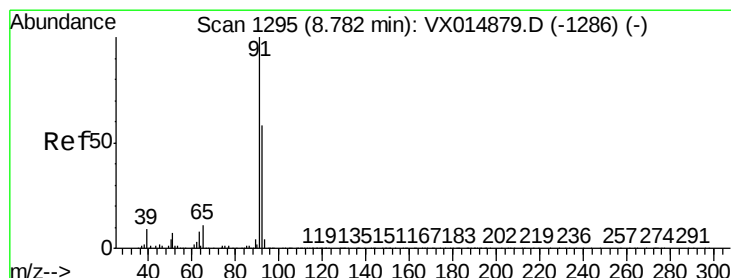
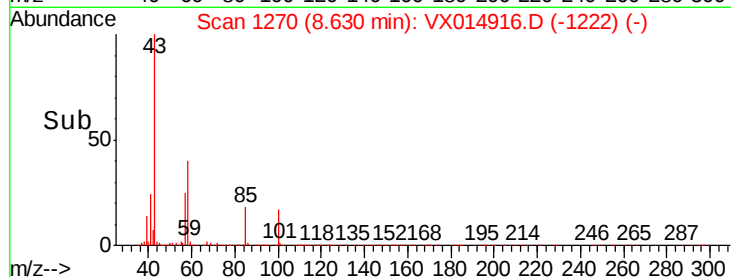
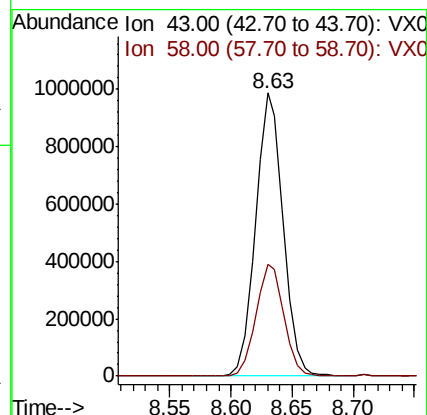
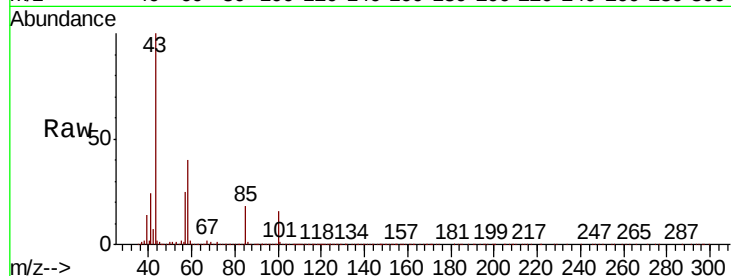
ClientSampleId :

Tot Ion: 43 Resp: 1544171

Ion Ratio Lower Upper

43 100

58 40.1 31.9 47.9



#52

Toluene

Concen: 50.257 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014916.D

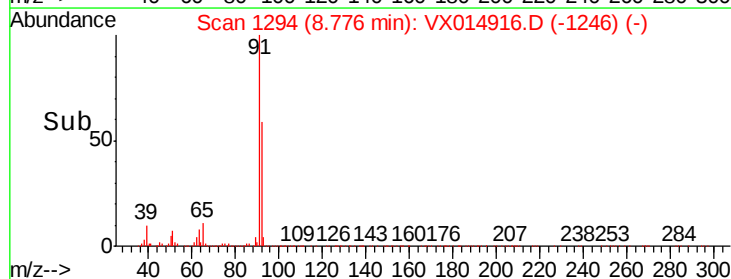
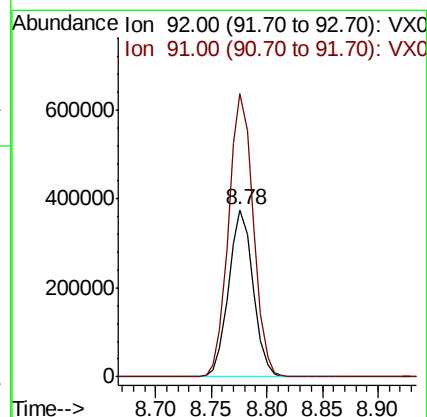
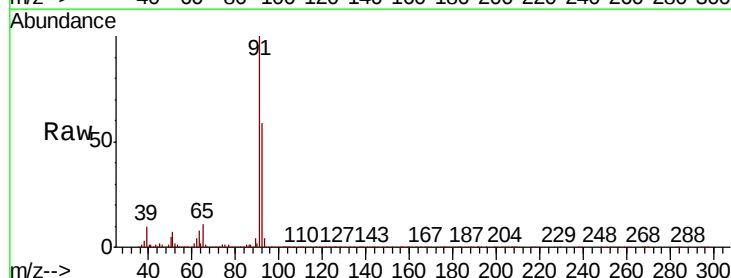
Acq: 12 Feb 2020 11:04

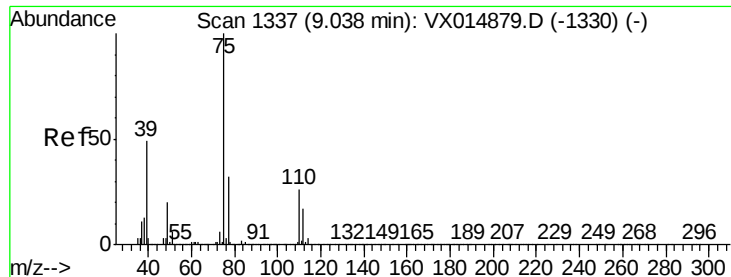
Tgt Ion: 92 Resp: 570577

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.4

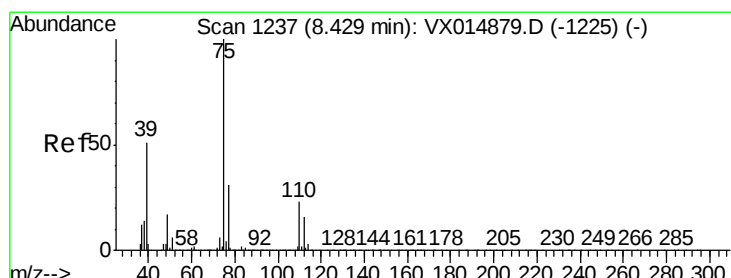
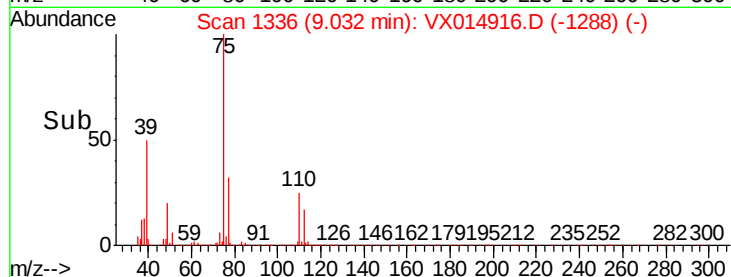
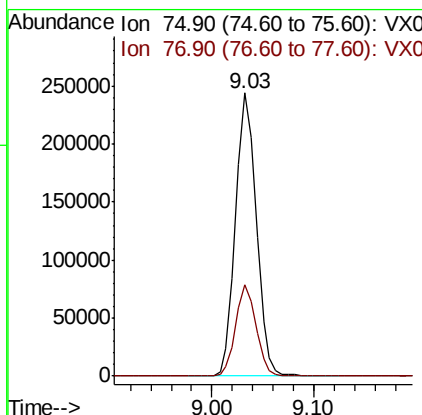
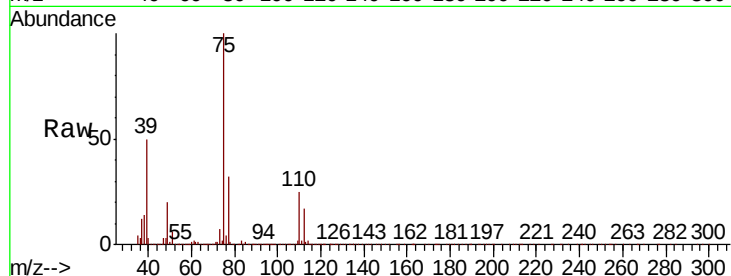




#53
t-1,3-Dichloropropene
Concen: 50.719 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

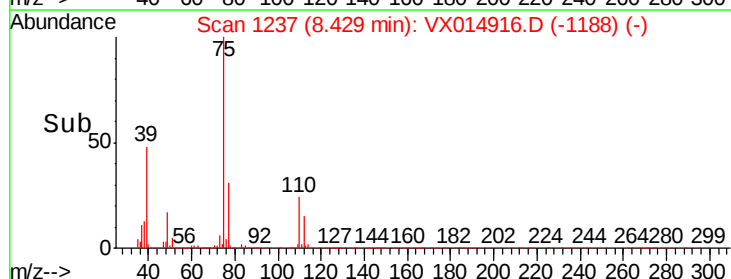
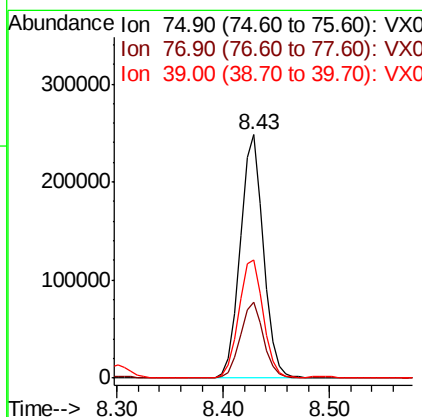
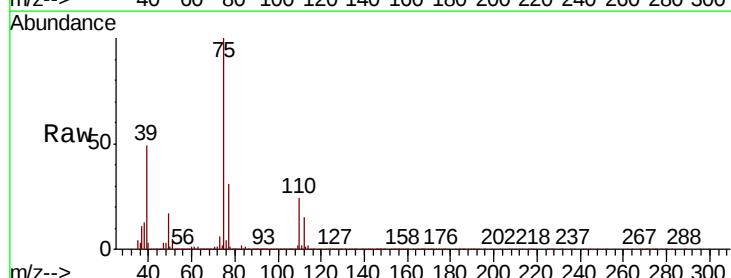
Instrument :
MSVOA_X
ClientSampleId :

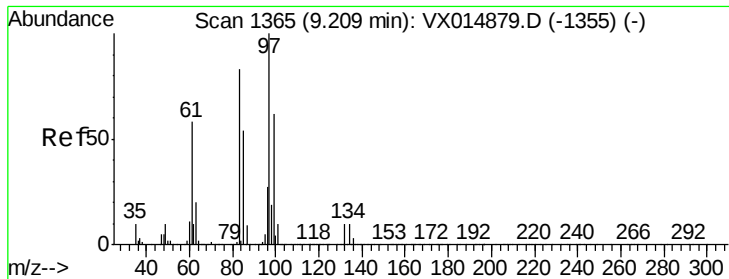
Tot Ion: 75 Resp: 343434
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.734 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 75 Resp: 379507
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 48.5 40.9 61.3

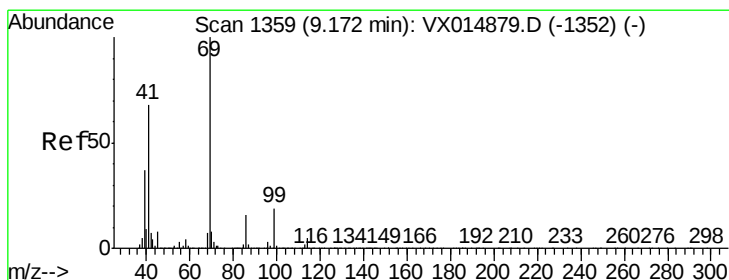
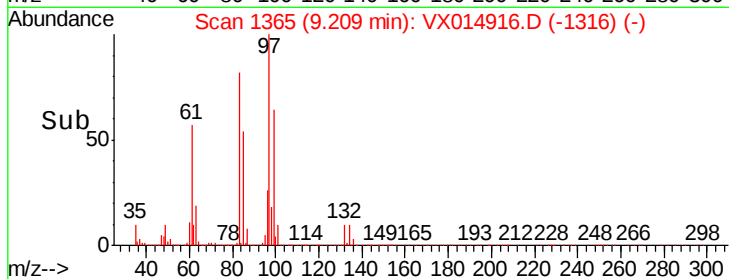
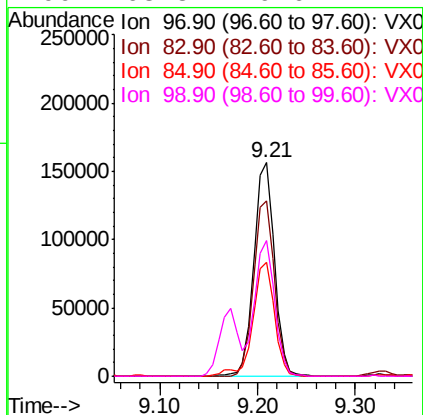
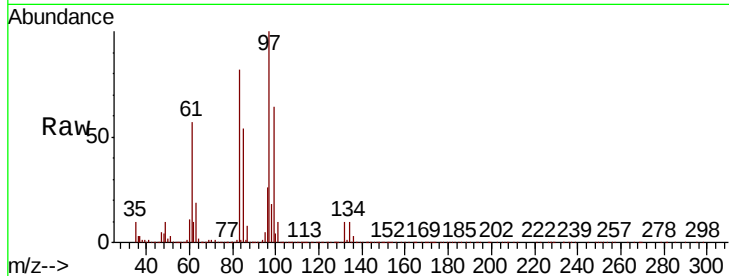




#55
 1,1,2-Trichloroethane
 Concen: 49.870 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

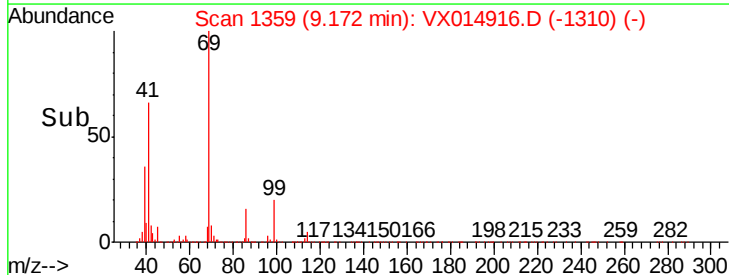
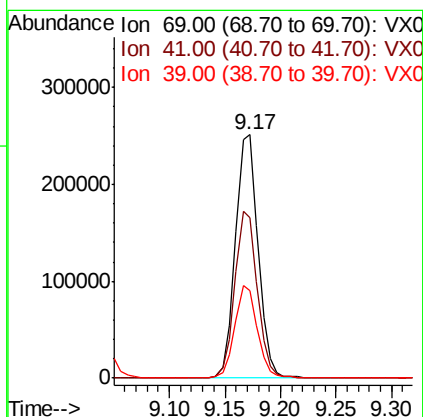
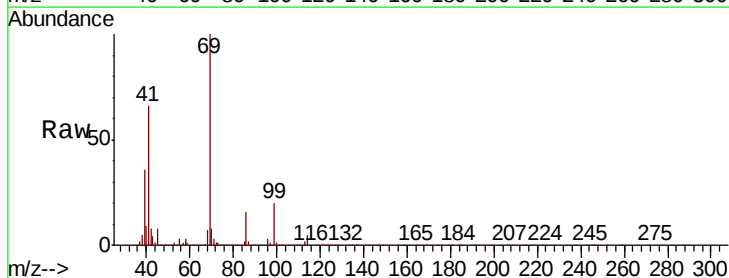
Instrument :
 MSVOA_X
 ClientSampleId :

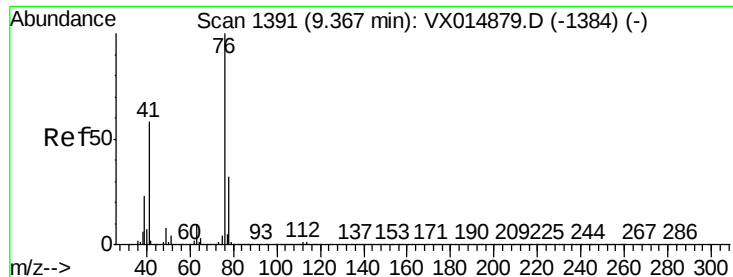
Tot Ion:	97	Resp:	229065
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.6	99.8
85	53.6	43.5	65.3
99	63.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.373 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion:	69	Resp:	354685
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.8	82.2
39	37.6	29.9	44.9





#57

1,3-Dichloropropane

Concen: 49.052 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

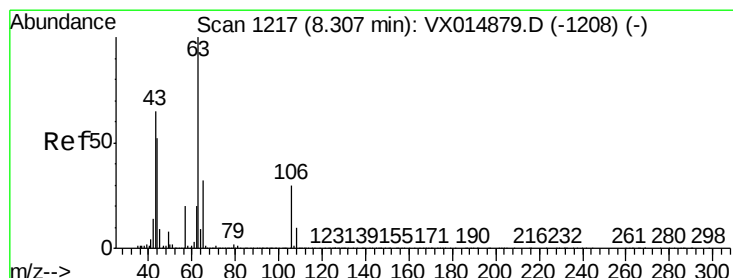
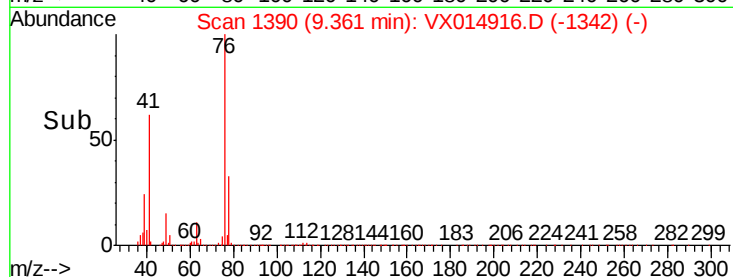
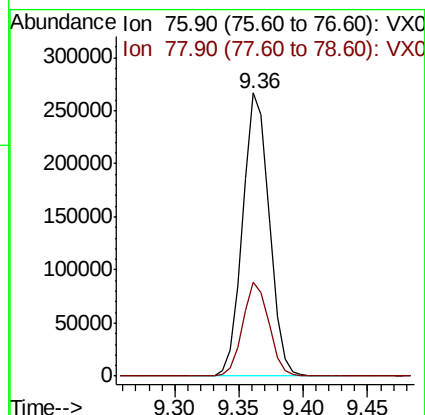
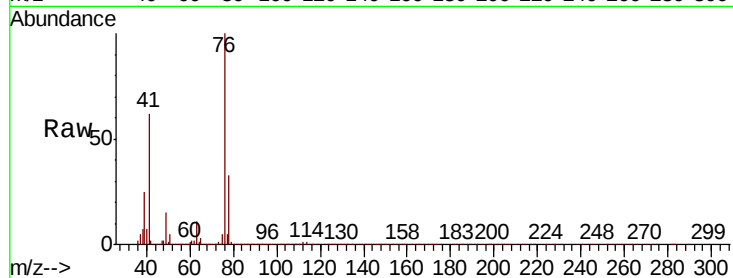
ClientSampleId :

Tot Ion: 76 Resp: 379266

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.128 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014916.D

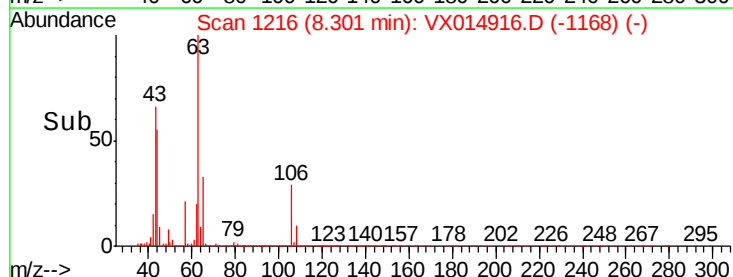
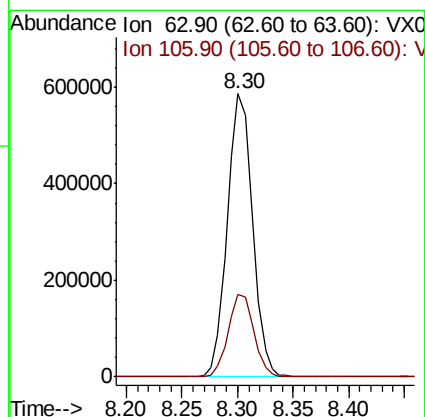
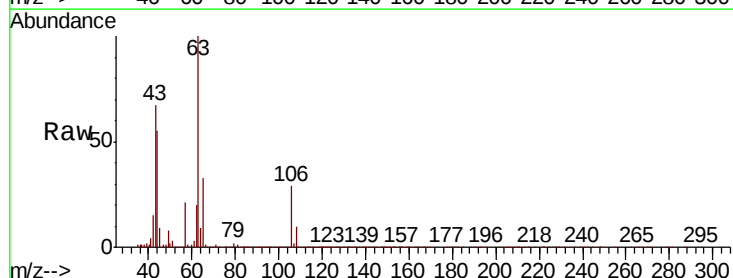
Acq: 12 Feb 2020 11:04

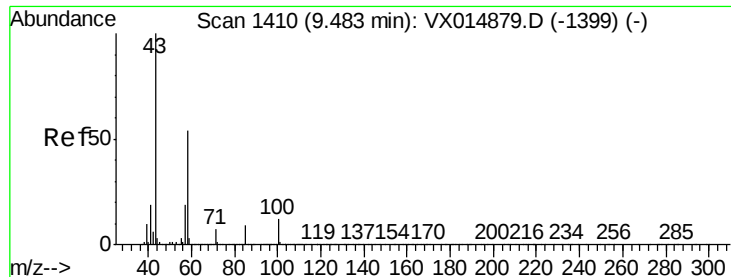
Tgt Ion: 63 Resp: 921192

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.8





#59

2-Hexanone

Concen: 267.024 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

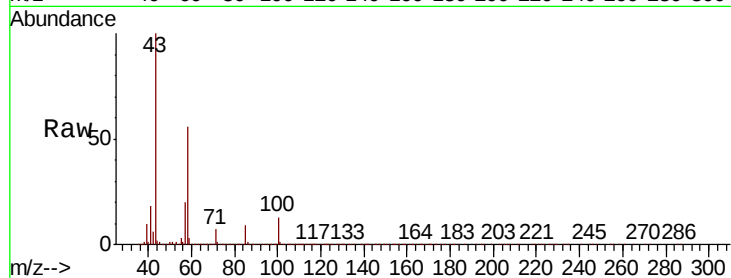
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1304504

Ion Ratio Lower Upper

43 100

58 55.7 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VX014879.D (-1399) (-)

Ion 58.00 (57.70 to 58.70): VX014879.D (-1399) (-)

9.48

1000000

800000

600000

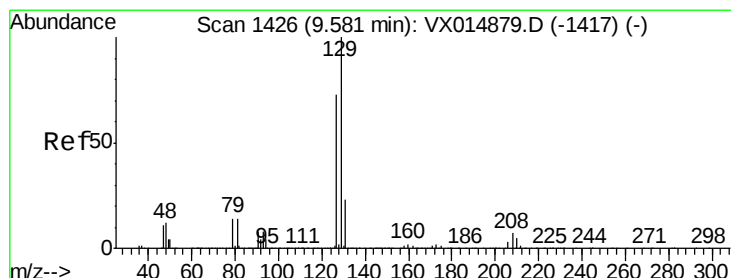
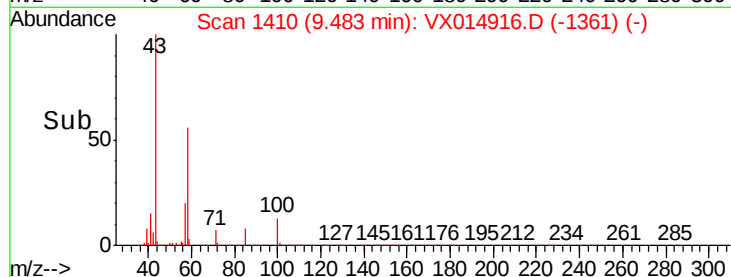
400000

200000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 51.192 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014916.D

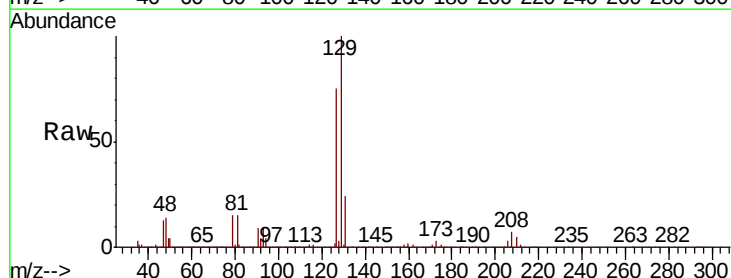
Acq: 12 Feb 2020 11:04

Tgt Ion: 129 Resp: 253047

Ion Ratio Lower Upper

129 100

127 76.8 37.8 113.3



Abundance Ion 128.80 (128.50 to 129.50): VX014879.D (-1417) (-)

Ion 126.80 (126.50 to 127.50): VX014879.D (-1417) (-)

9.57

200000

150000

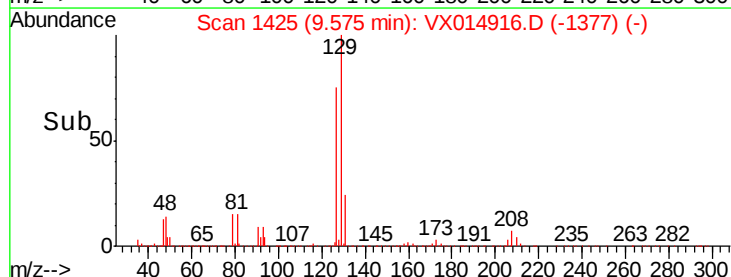
100000

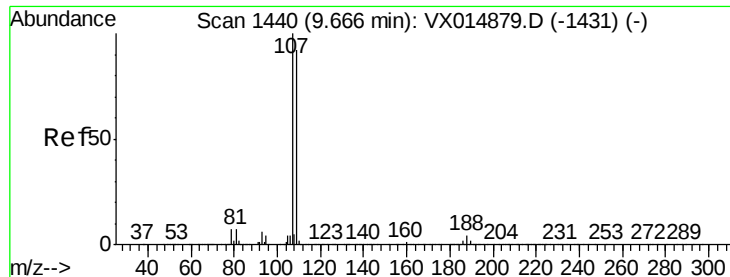
50000

0

9.50 9.55 9.60 9.65

Time-->





#61

1,2-Dibromoethane

Concen: 48.725 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

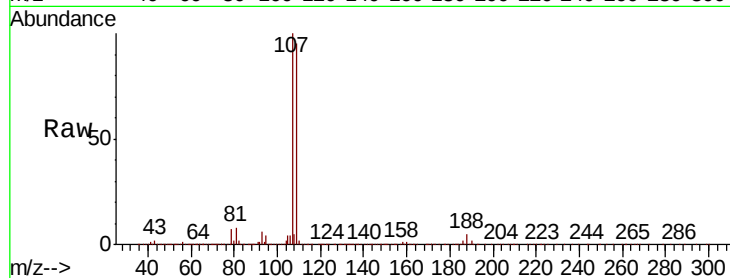
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 241484

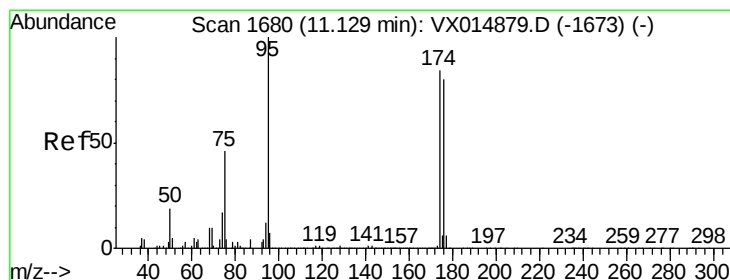
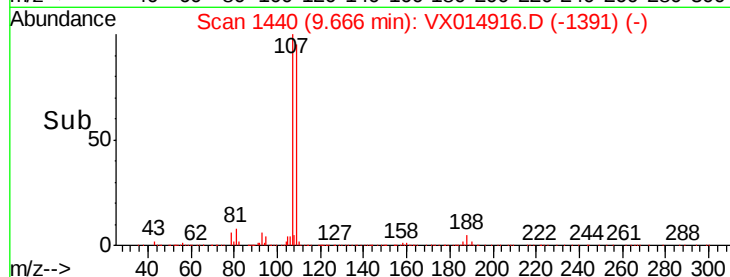
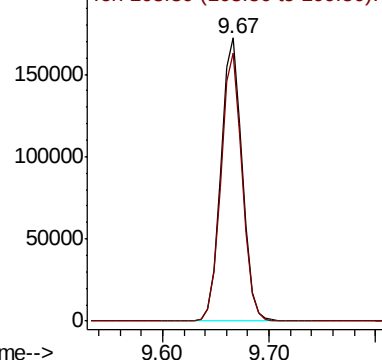
Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.174 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

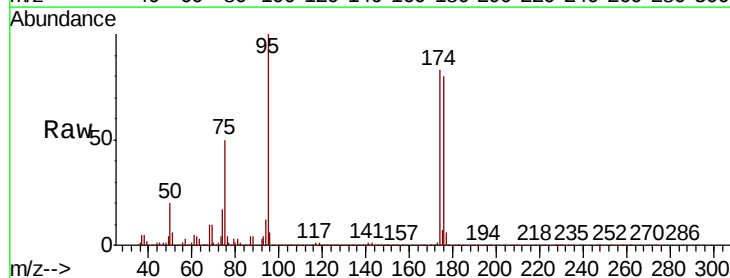
Tgt Ion: 95 Resp: 300626

Ion Ratio Lower Upper

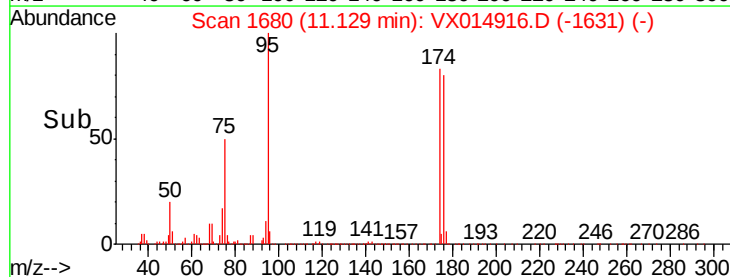
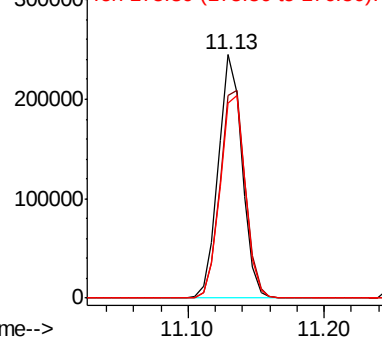
95 100

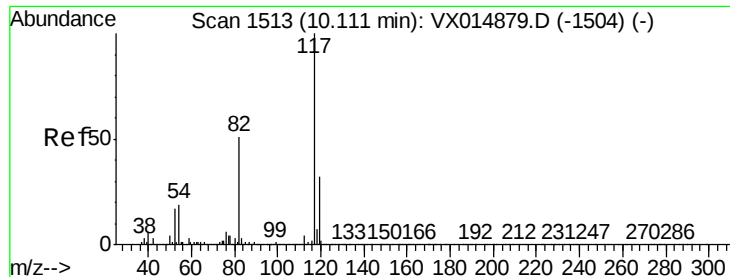
174 90.9 0.0 183.0

176 88.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

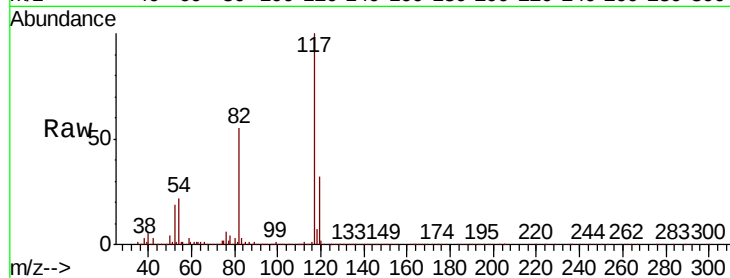
Tot Ion:117 Resp: 621337

Ion Ratio Lower Upper

117 100

82 55.3 40.5 60.7

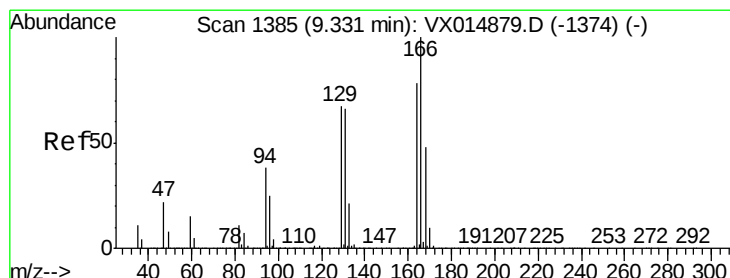
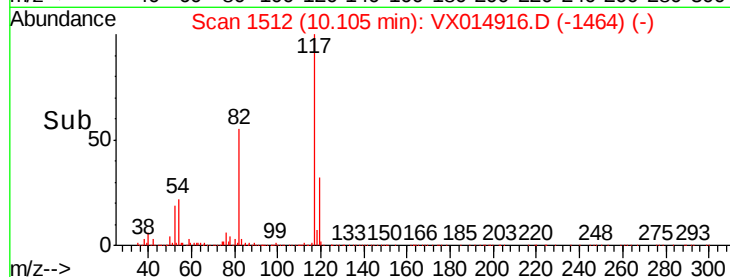
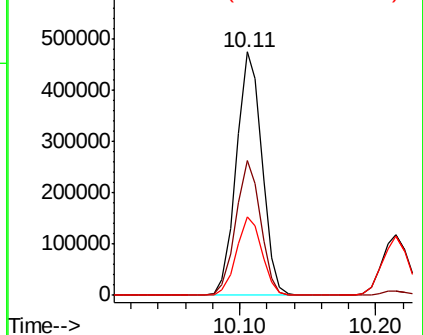
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.018 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:164 Resp: 267331

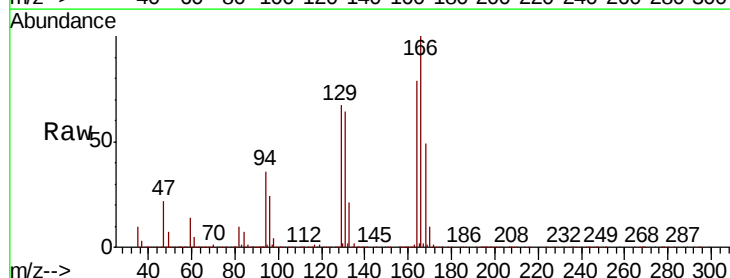
Ion Ratio Lower Upper

164 100

166 126.4 102.6 153.8

129 84.6 68.3 102.5

131 80.6 67.4 101.2

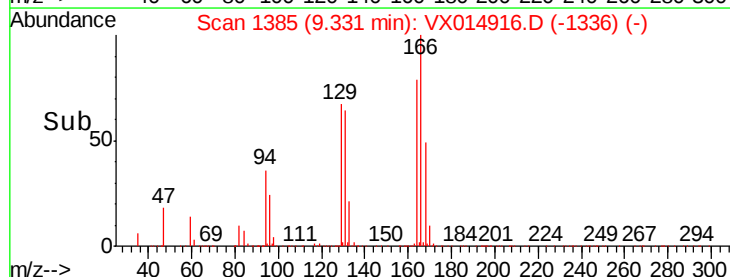
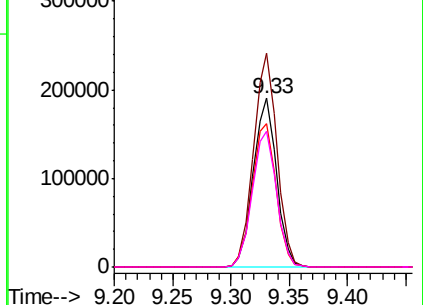


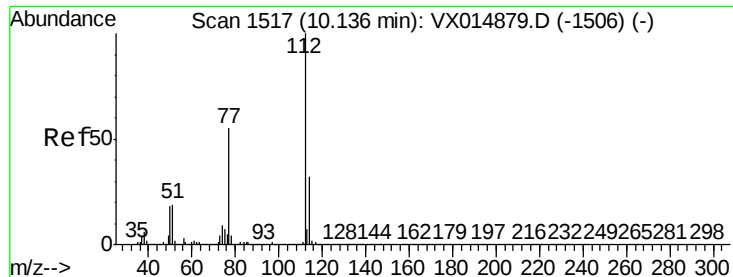
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

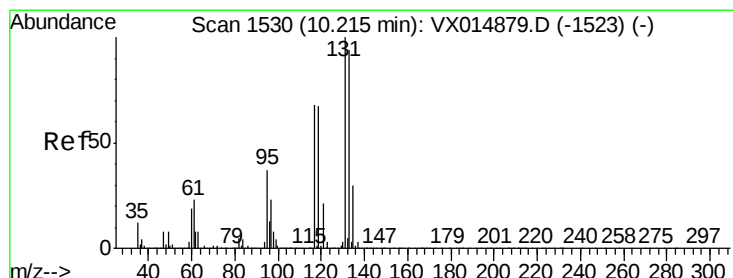
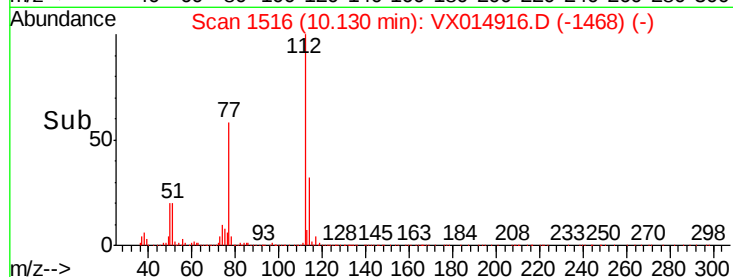
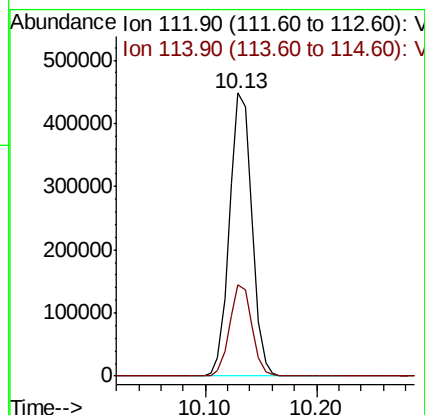
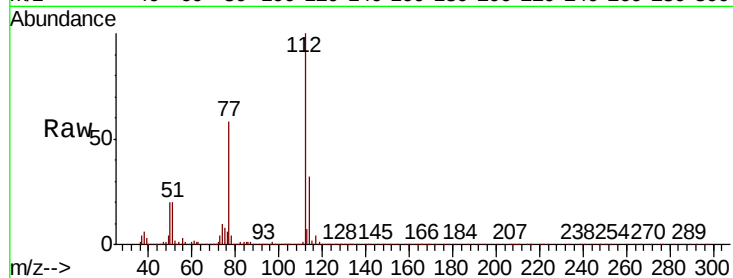




#65
Chlorobenzene
Concen: 49.604 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

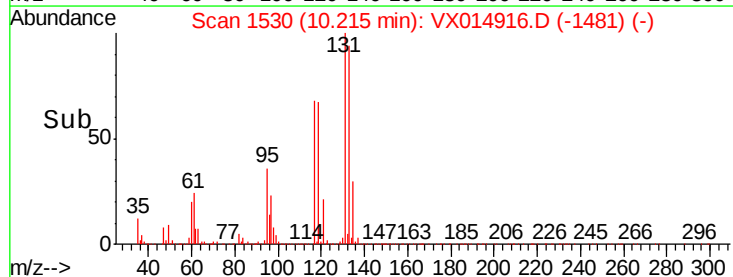
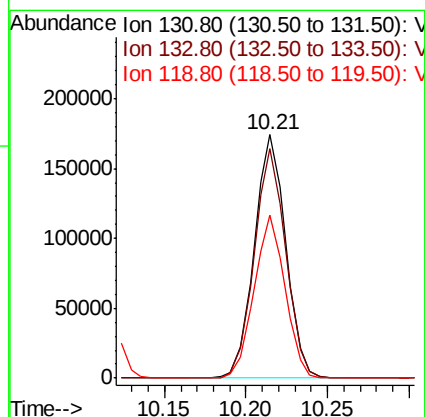
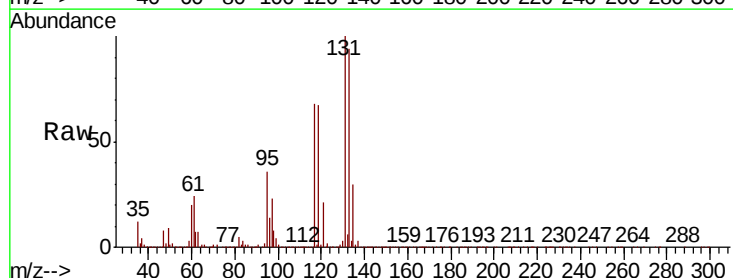
Instrument :
MSVOA_X
ClientSampled :

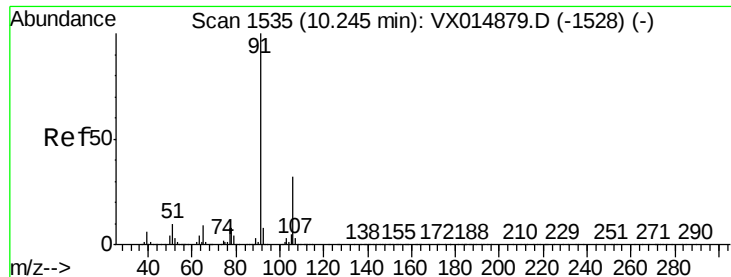
Tot Ion:112 Resp: 625125
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.968 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion:131 Resp: 233192
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 65.9 33.0 99.0

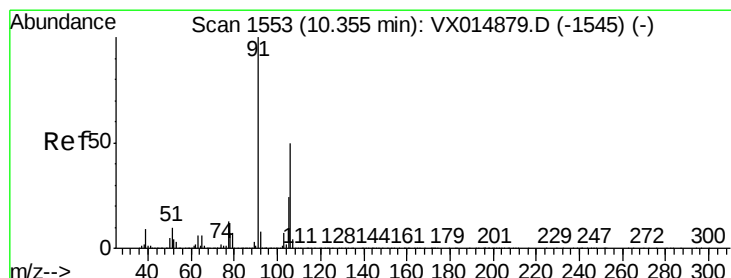
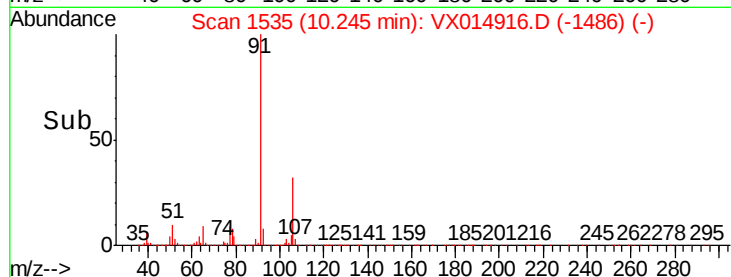
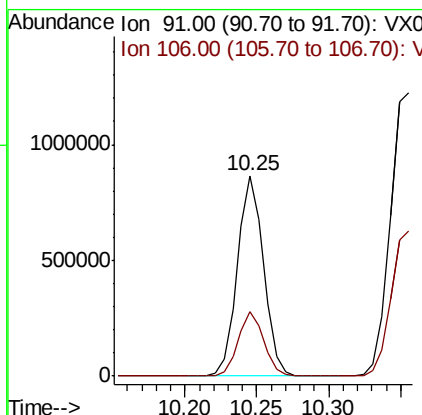
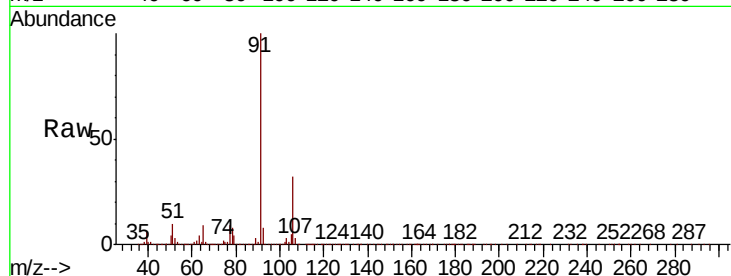




#67
Ethyl Benzene
Concen: 51.006 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

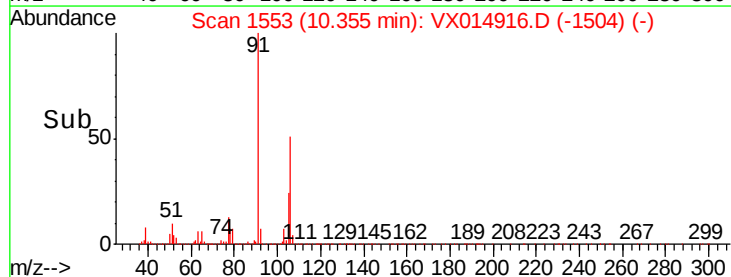
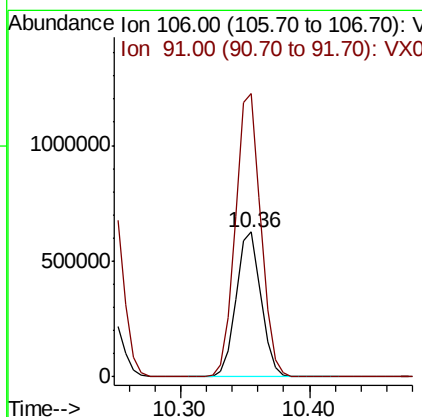
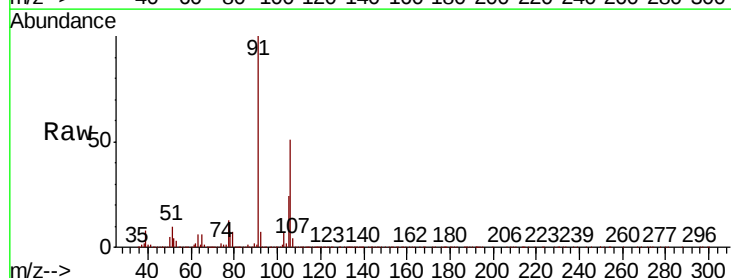
Instrument :
MSVOA_X
ClientSampleId :

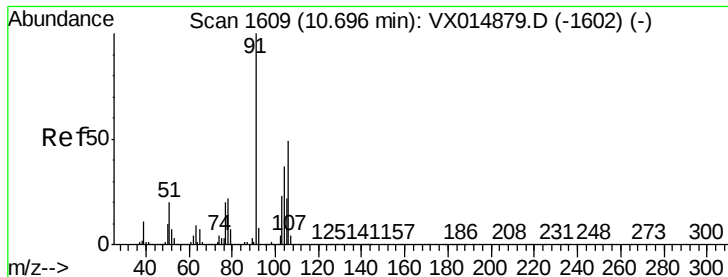
Tot Ion: 91 Resp: 1093203
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 102.210 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion: 106 Resp: 843908
Ion Ratio Lower Upper
106 100
91 198.9 160.6 240.8

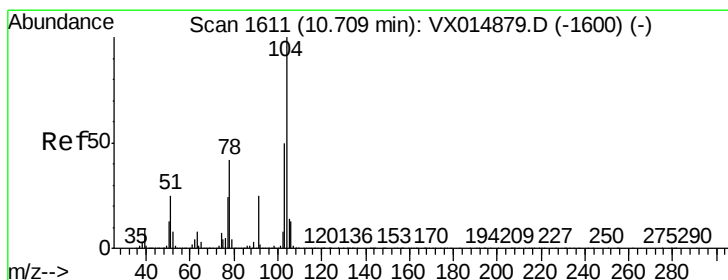
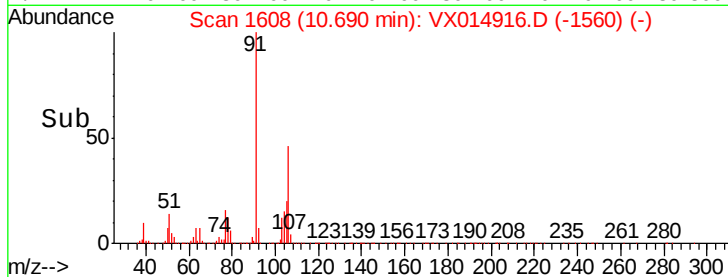
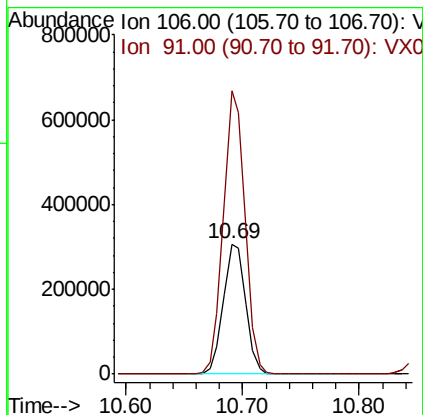
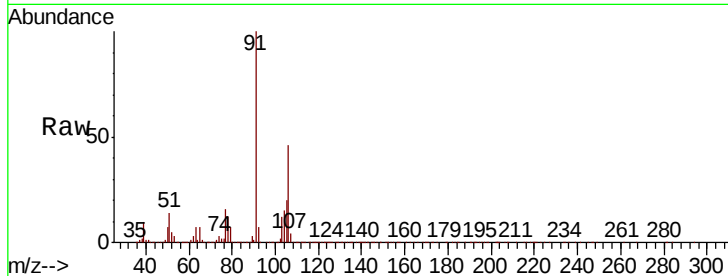




#69
o-Xylene
Concen: 51.098 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

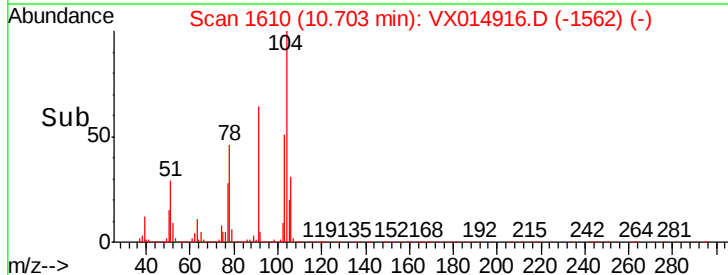
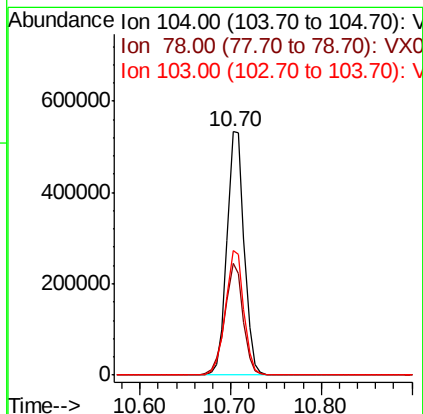
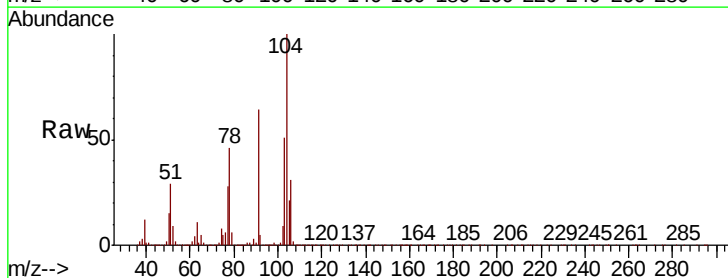
Instrument :
MSVOA_X
ClientSampleId :

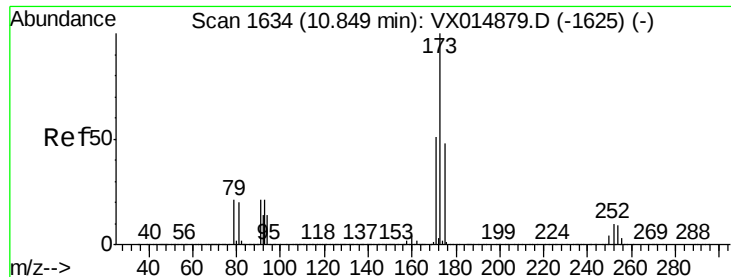
Tot Ion:106 Resp: 405554
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.3



#70
Styrene
Concen: 52.559 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion:104 Resp: 705716
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.4 43.4 65.0





#71

Bromoform

Concen: 52.107 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

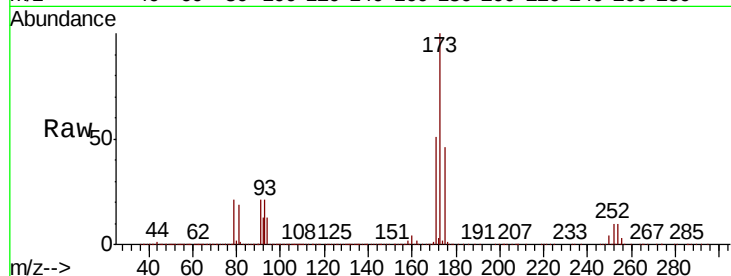
Tot Ion:173 Resp: 198992

Ion Ratio Lower Upper

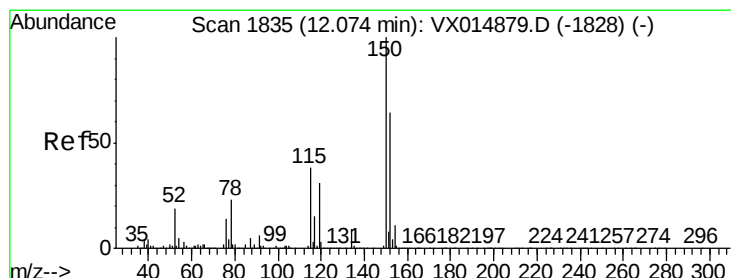
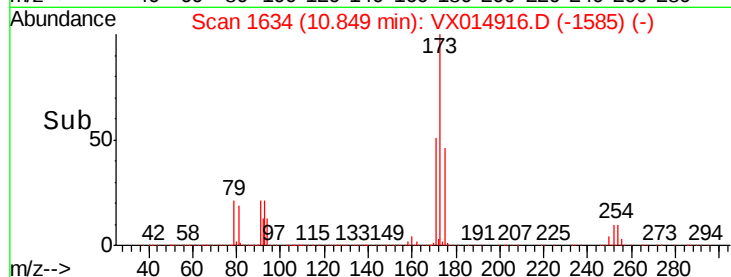
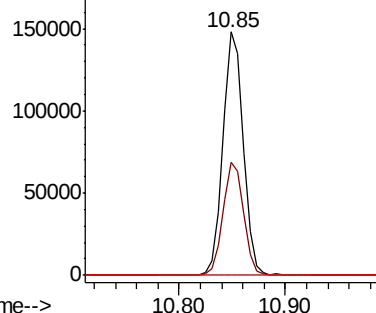
173 100

175 47.3 24.2 72.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
200000
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: VX014916.D

Acq: 12 Feb 2020 11:04

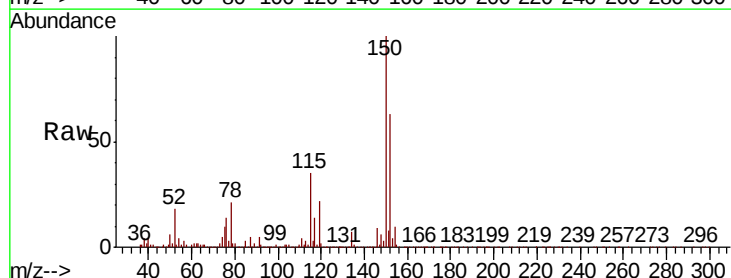
Tgt Ion:152 Resp: 332430

Ion Ratio Lower Upper

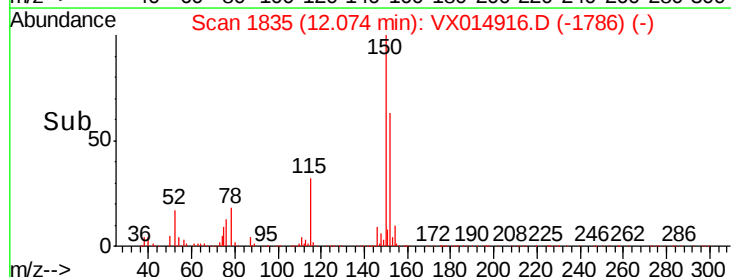
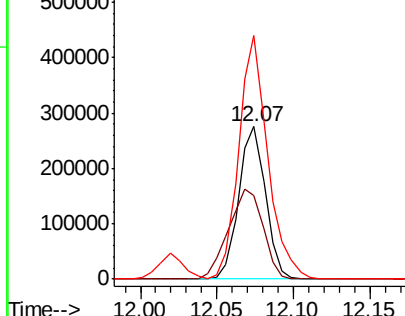
152 100

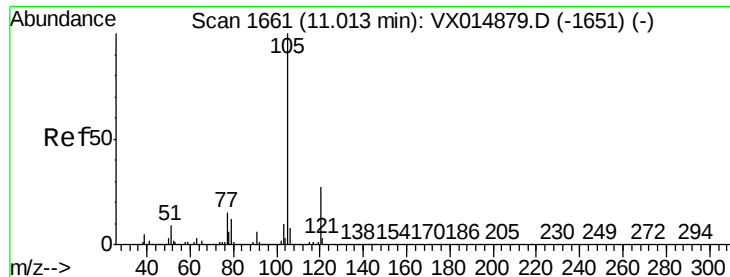
115 76.4 38.6 116.0

150 172.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
600000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.532 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

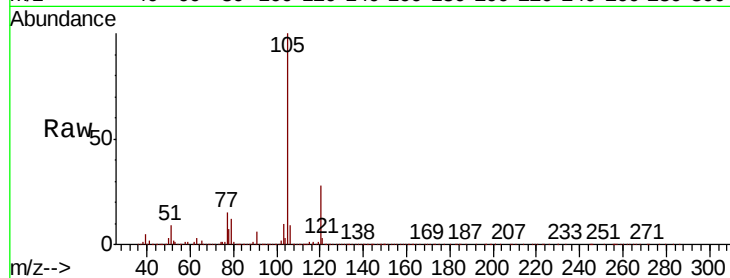
ClientSampleId :

Tot Ion:105 Resp: 1095133

Ion Ratio Lower Upper

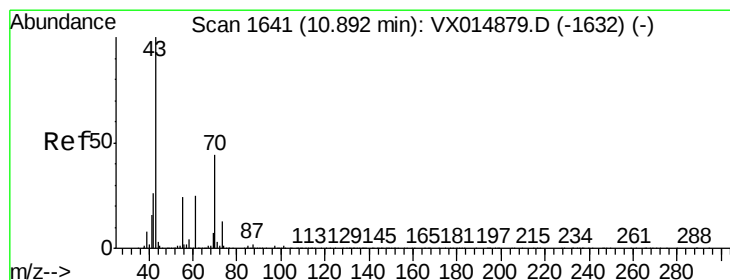
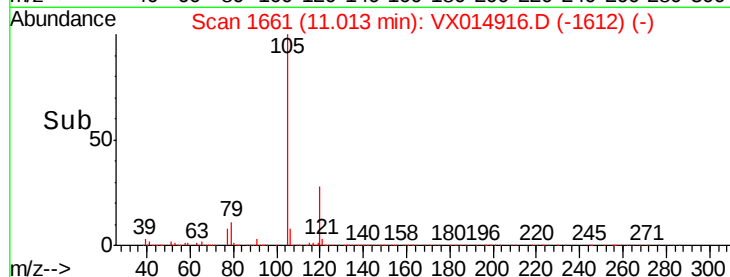
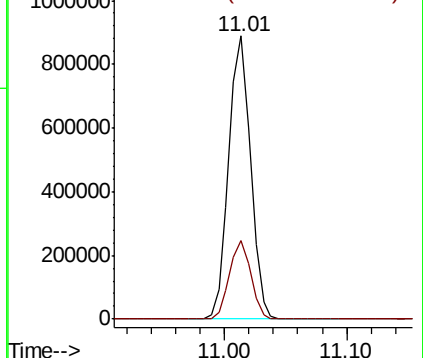
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.748 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion: 43 Resp: 456906

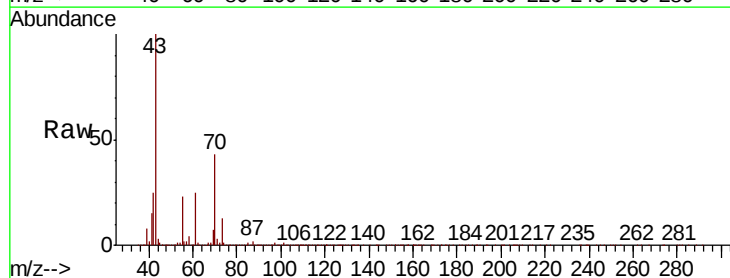
Ion Ratio Lower Upper

43 100

70 42.8 35.0 52.4

55 23.6 19.4 29.2

61 24.6 19.8 29.6

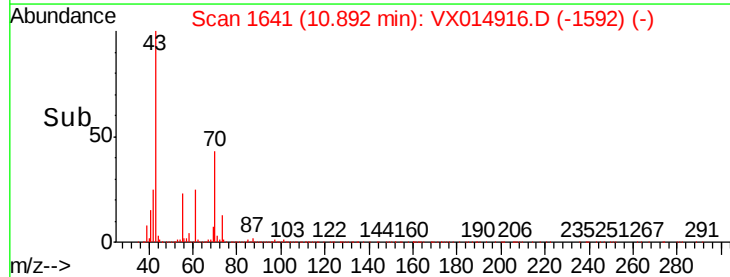
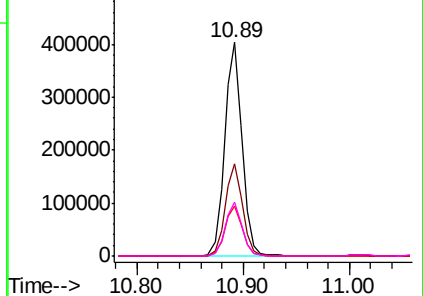


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.169 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

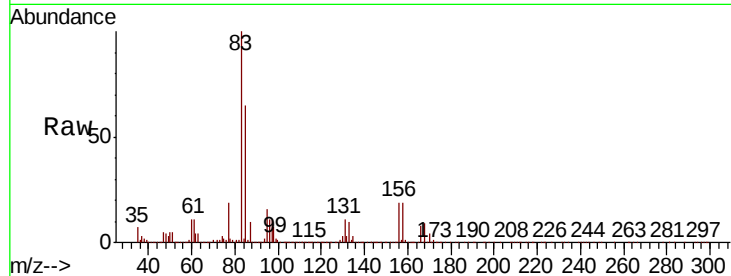
Tot Ion: 83 Resp: 335069

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

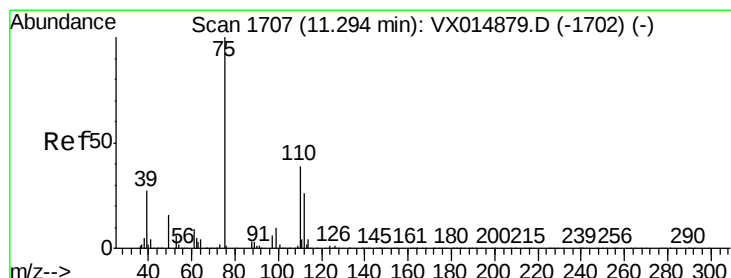
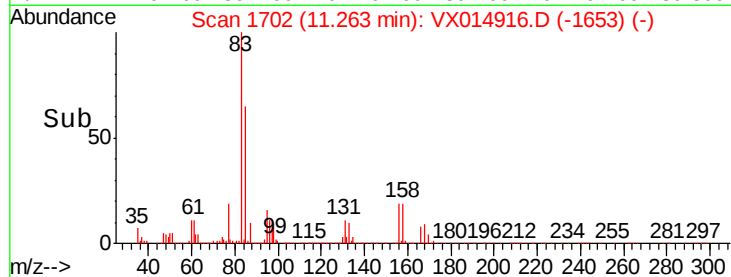
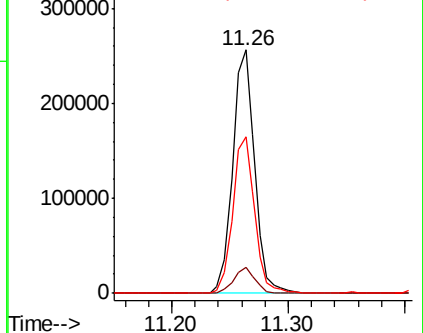
85 64.3 32.6 97.7



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: 65.548 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014916.D

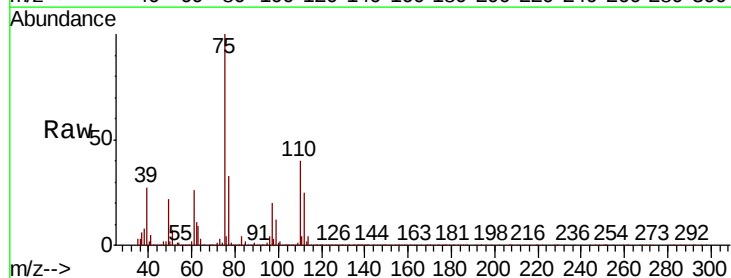
Acq: 12 Feb 2020 11:04

Tgt Ion: 75 Resp: 394035

Ion Ratio Lower Upper

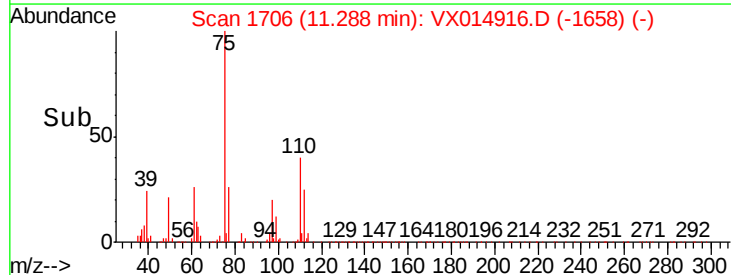
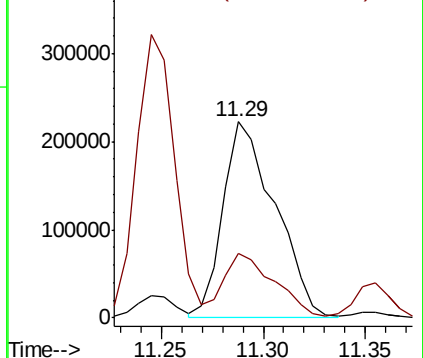
75 100

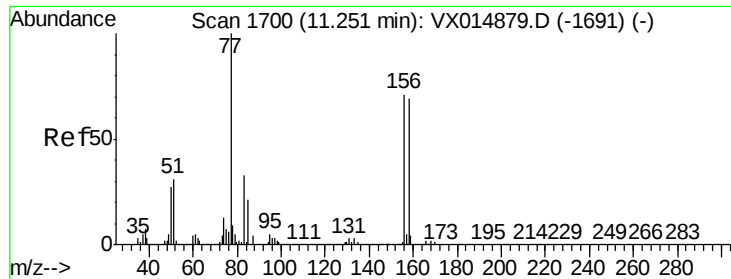
77 32.3 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.053 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

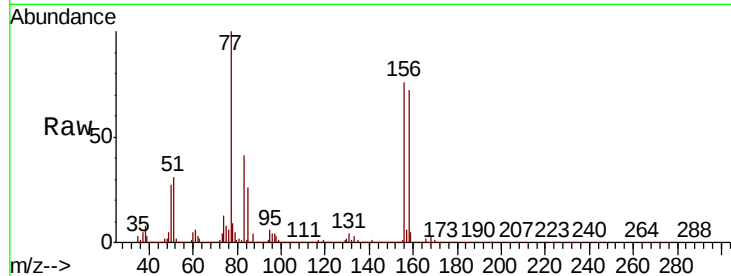
Tot Ion:156 Resp: 285423

Ion Ratio Lower Upper

156 100

77 145.3 74.0 222.0

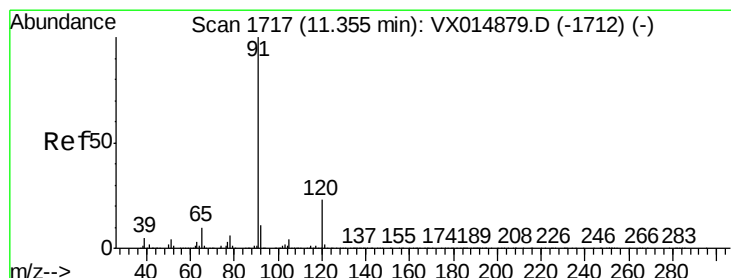
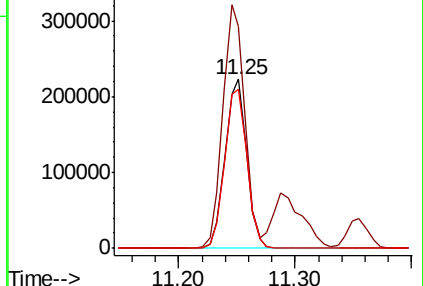
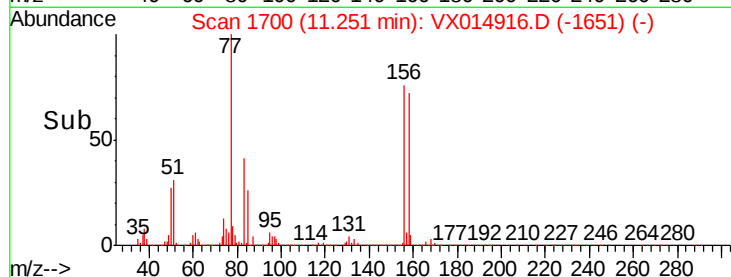
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.167 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014916.D

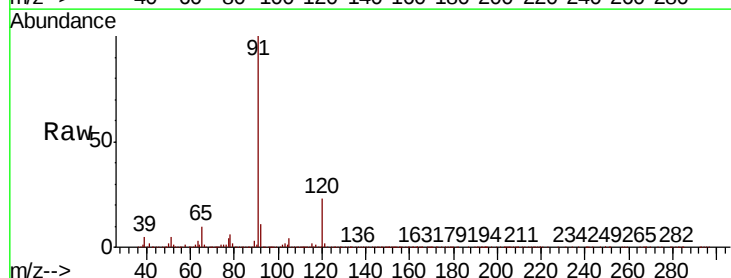
Acq: 12 Feb 2020 11:04

Tgt Ion: 91 Resp: 1257837

Ion Ratio Lower Upper

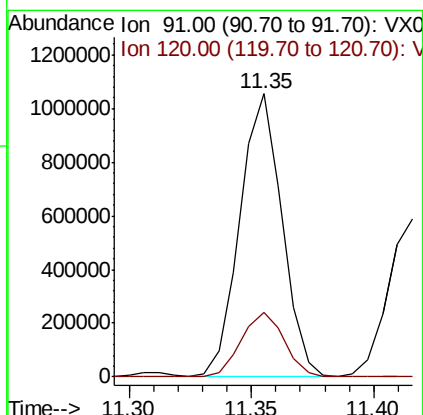
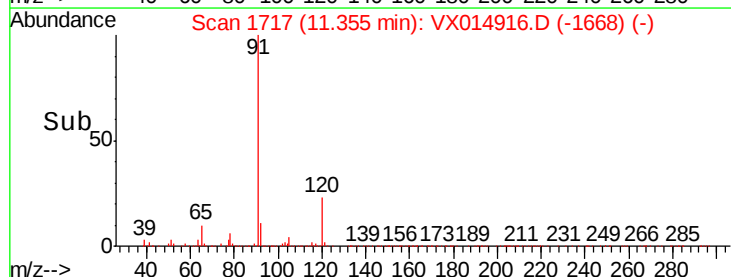
91 100

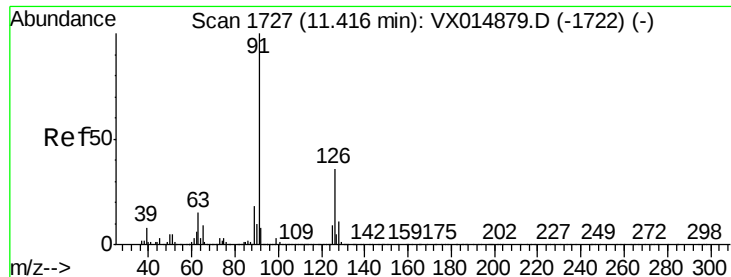
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.834 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

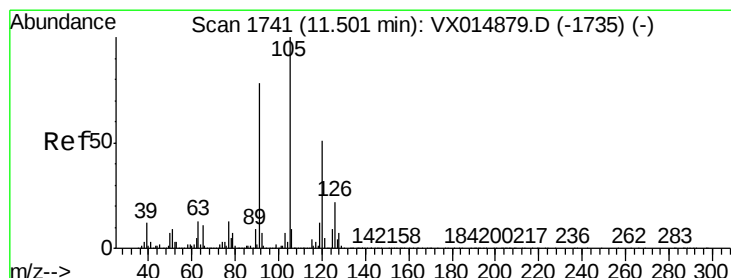
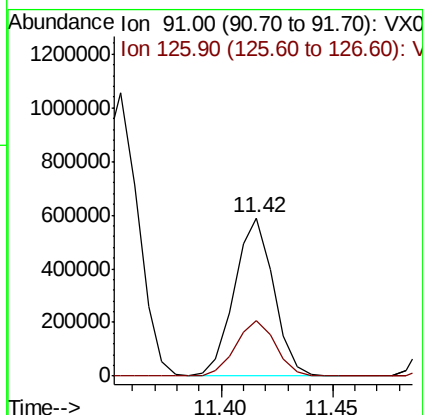
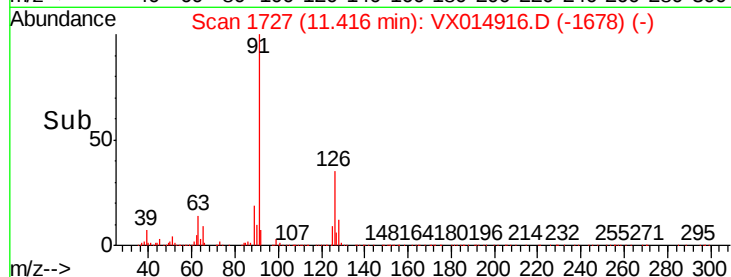
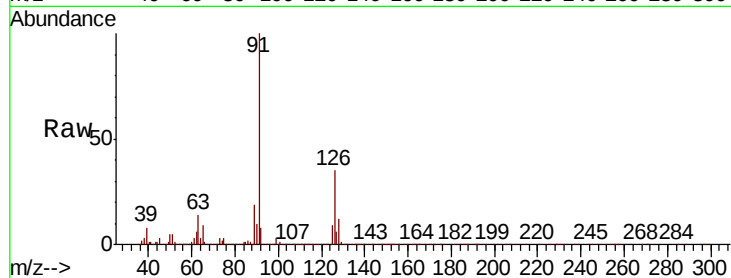
ClientSampleId :

Tot Ion: 91 Resp: 720582

Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 52.744 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014916.D

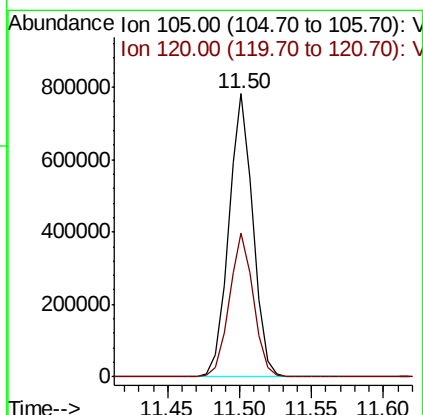
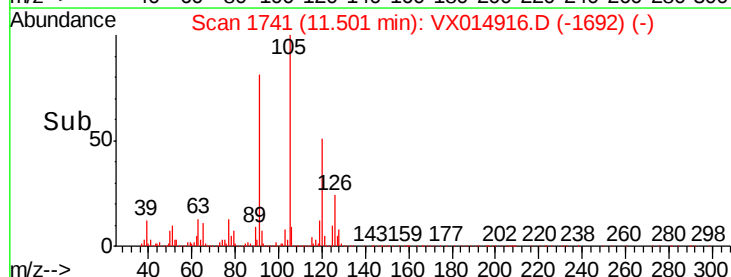
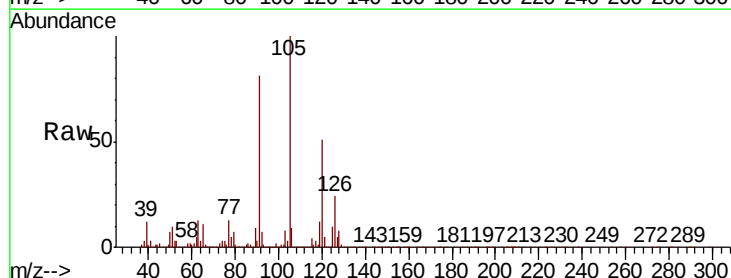
Acq: 12 Feb 2020 11:04

Tgt Ion: 105 Resp: 918740

Ion Ratio Lower Upper

105 100

120 50.5 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.647 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

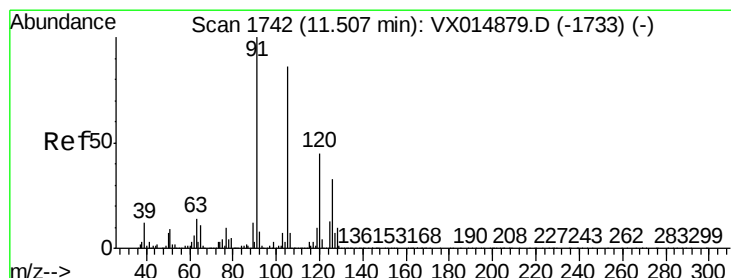
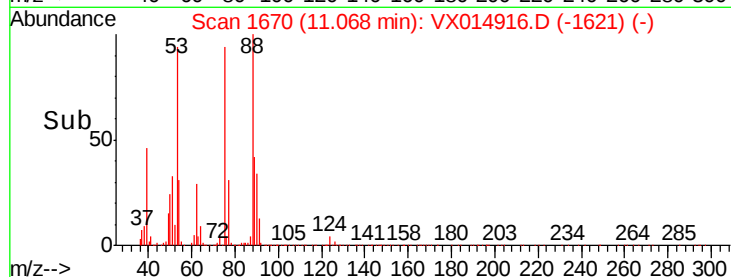
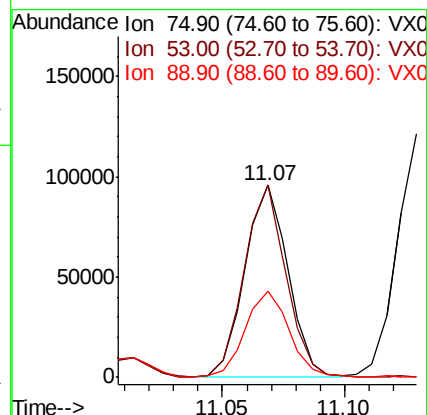
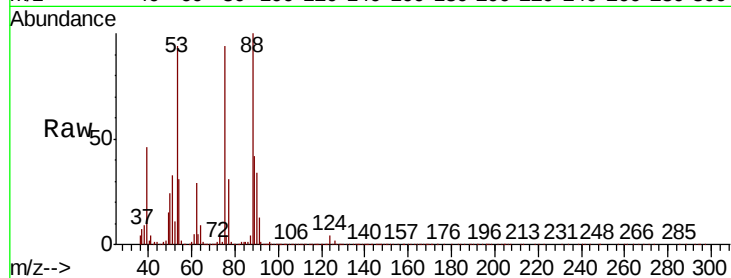
Tot Ion: 75 Resp: 116595

Ion Ratio Lower Upper

75 100

53 96.5 76.2 114.2

89 45.5 35.8 53.6



#82

4-Chlorotoluene

Concen: 50.293 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014916.D

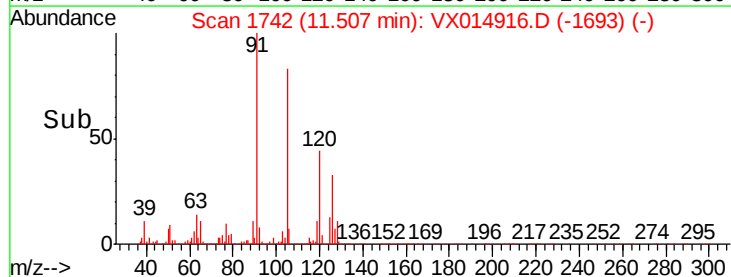
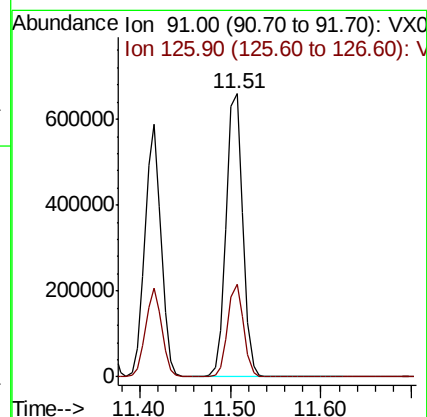
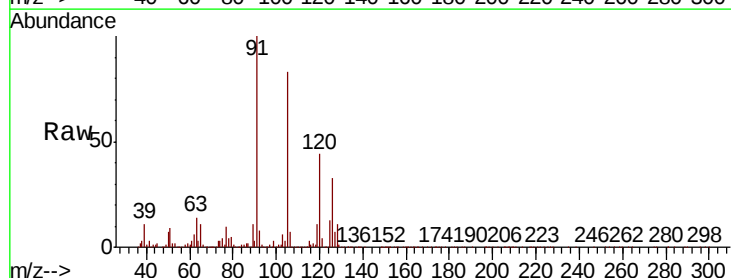
Acq: 12 Feb 2020 11:04

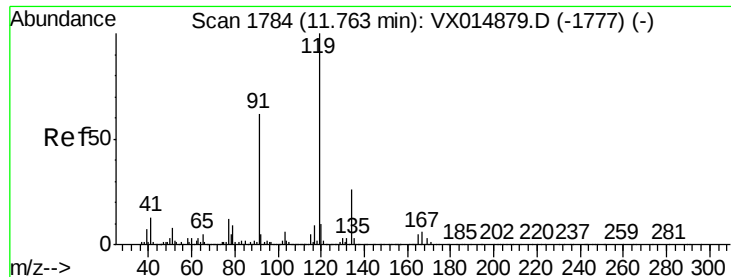
Tgt Ion: 91 Resp: 844246

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0

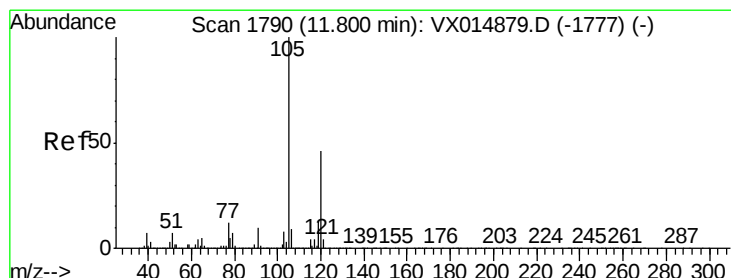
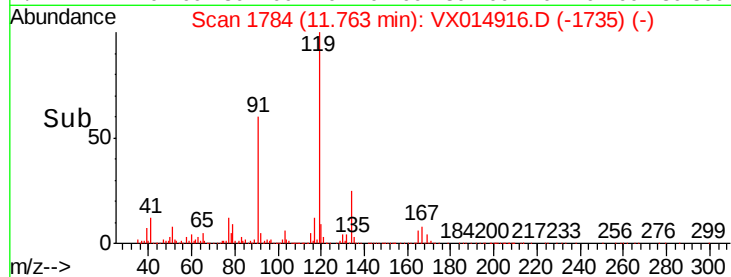
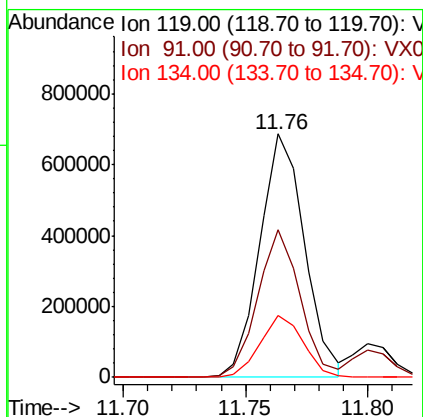
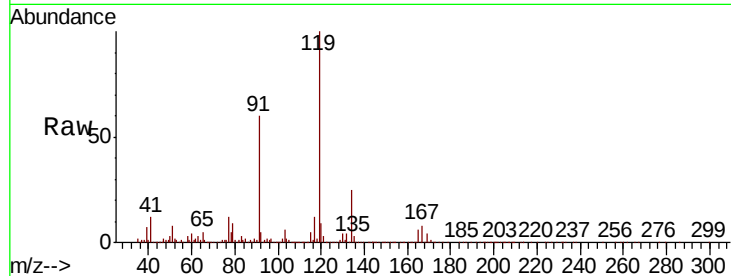




#83
tert-Butylbenzene
Concen: 53.073 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

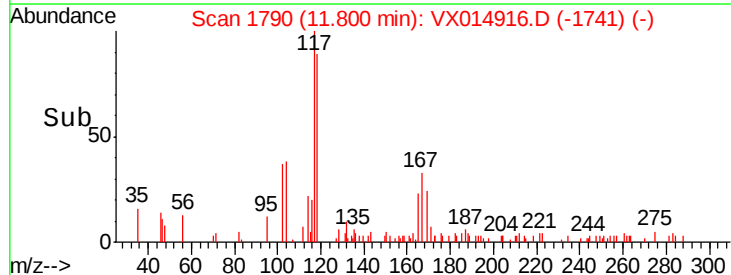
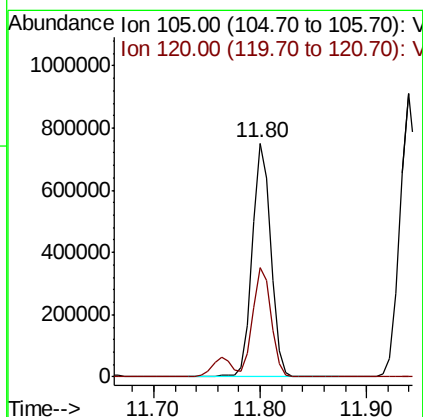
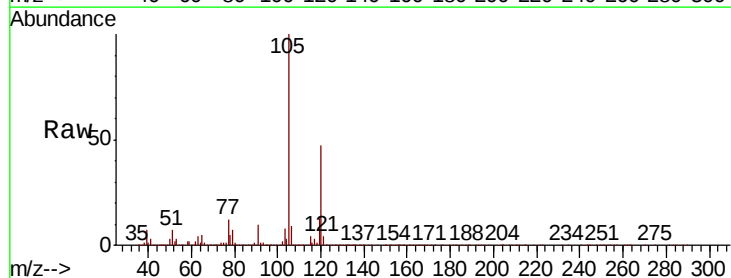
Instrument :
MSVOA_X
ClientSampleId :

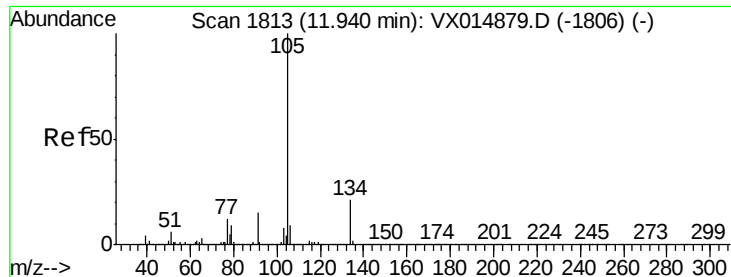
Tot Ion:119 Resp: 875445
Ion Ratio Lower Upper
119 100
91 57.3 29.5 88.6
134 24.6 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 52.507 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion:105 Resp: 921719
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.383 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

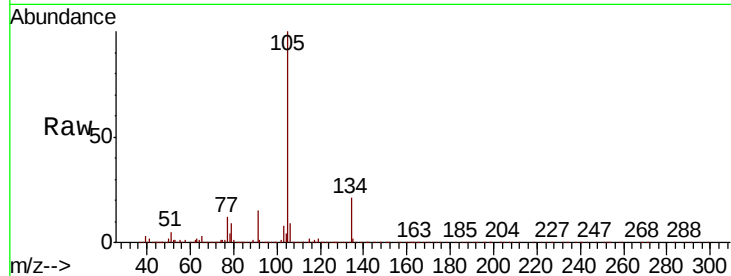
ClientSampled :

Tot Ion:105 Resp: 1073410

Ion Ratio Lower Upper

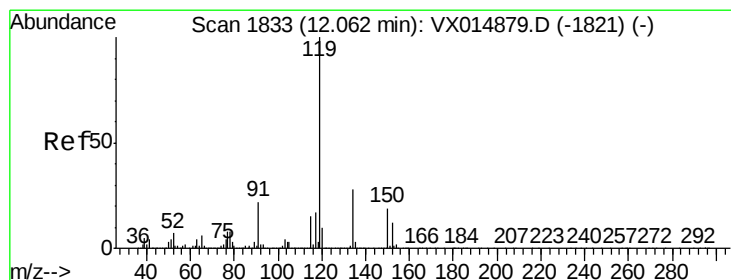
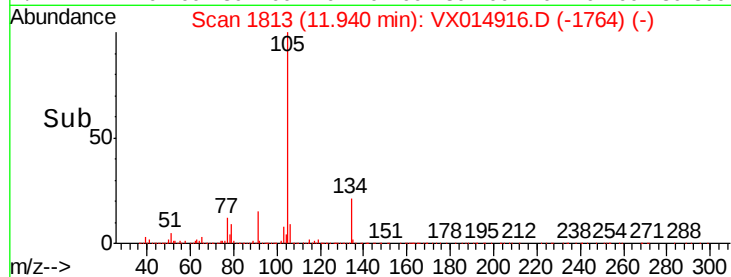
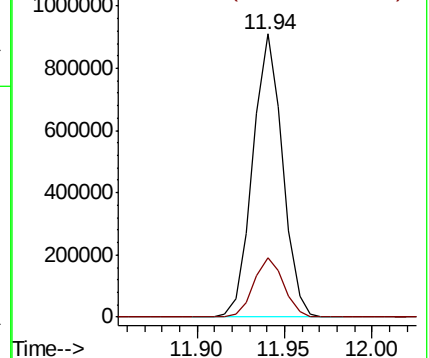
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.260 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

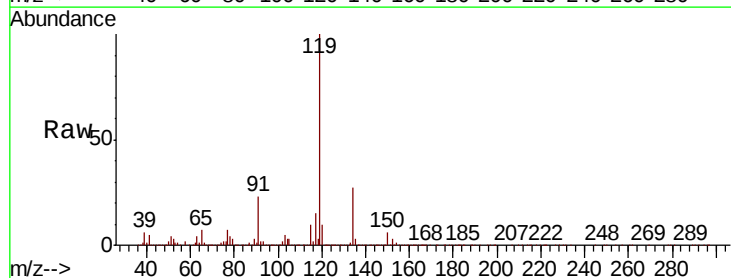
Tgt Ion:119 Resp: 1002106

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

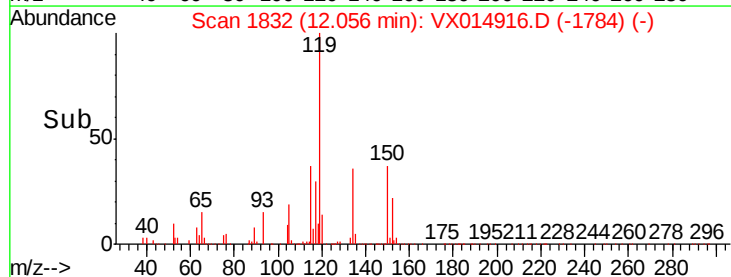
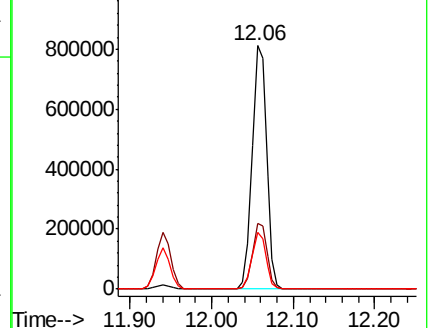
91 22.6 11.4 34.1

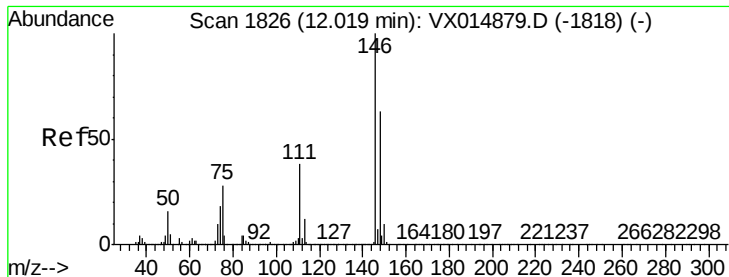


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.745 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014916.D

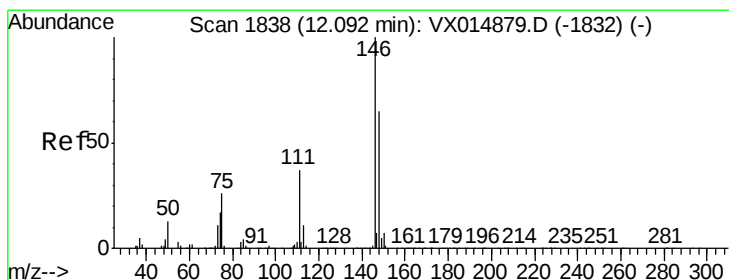
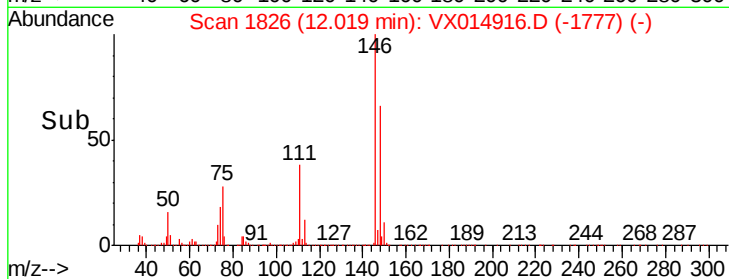
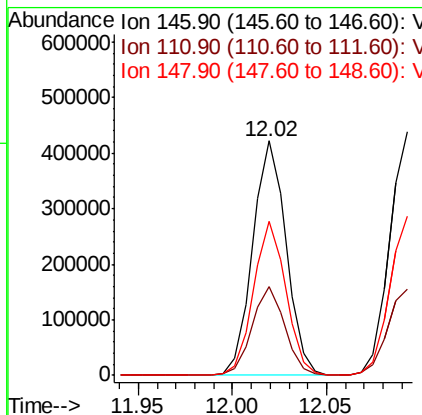
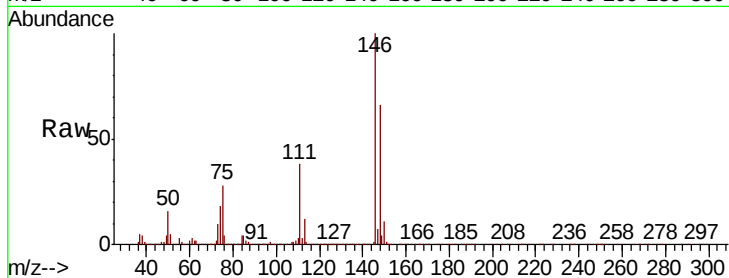
Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	519267
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	63.8	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.761 ug/l

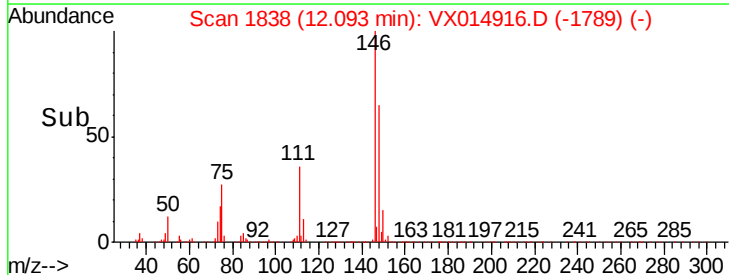
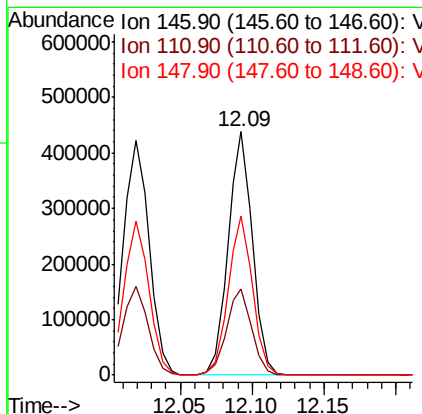
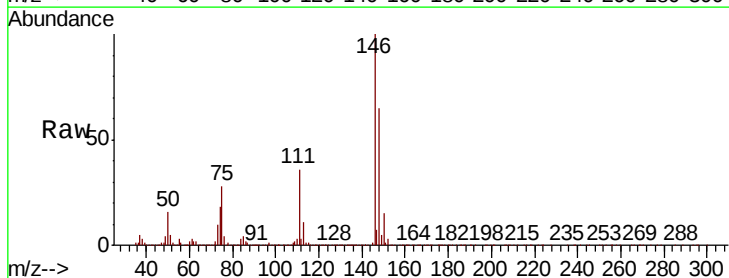
RT: 12.09 min Scan# 1838

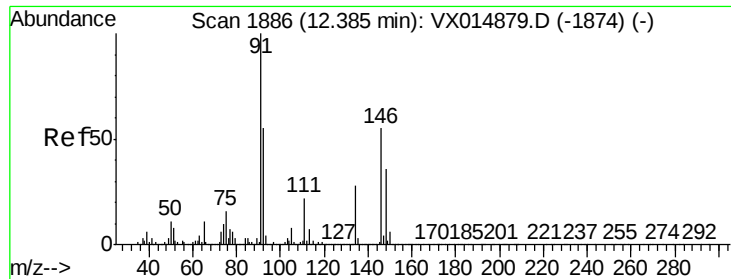
Delta R.T. 0.00 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Tgt Ion:	146	Resp:	519774
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	65.3	32.4	97.0





#89

n-Butylbenzene

Concen: 51.901 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014916.D

Acq: 12 Feb 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

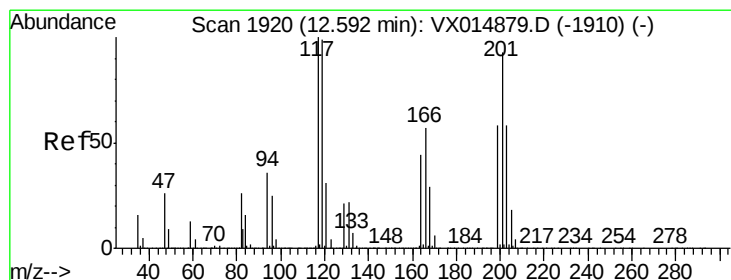
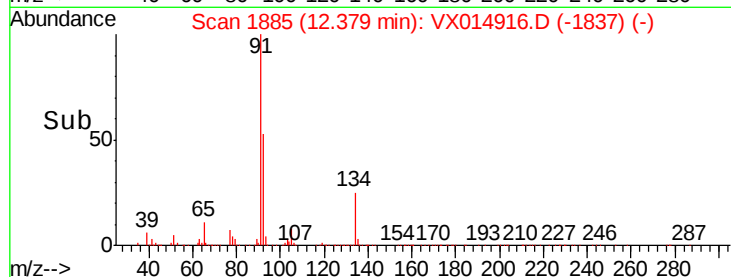
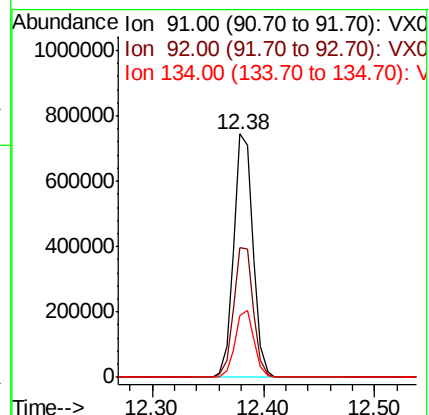
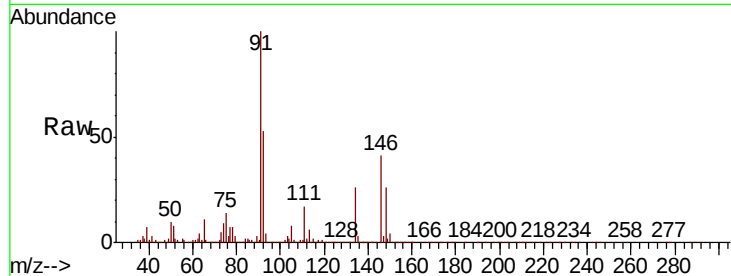
Tot Ion: 91 Resp: 891328

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.8

134 27.0 13.8 41.4



#90

Hexachloroethane

Concen: 52.538 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014916.D

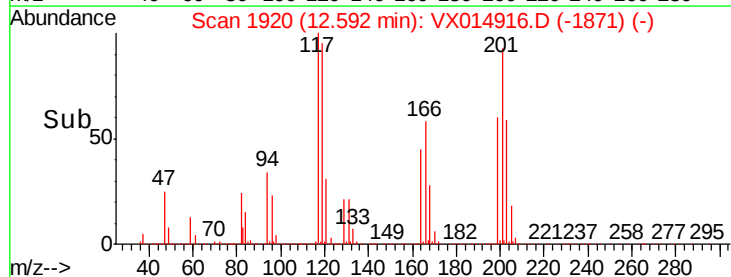
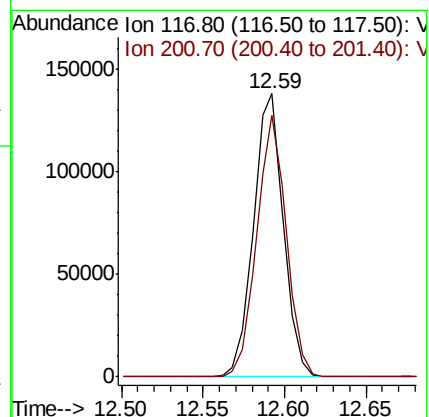
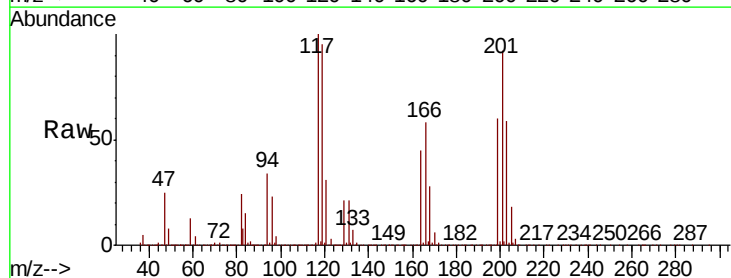
Acq: 12 Feb 2020 11:04

Tgt Ion: 117 Resp: 175934

Ion Ratio Lower Upper

117 100

201 91.6 44.8 134.3

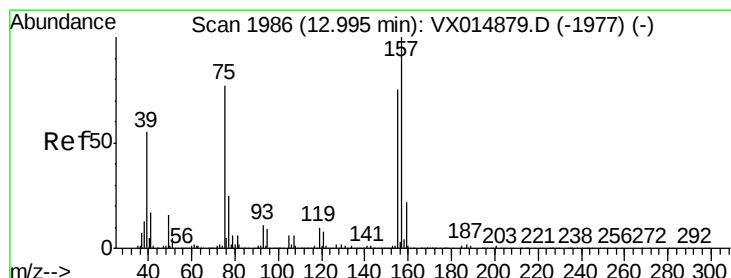
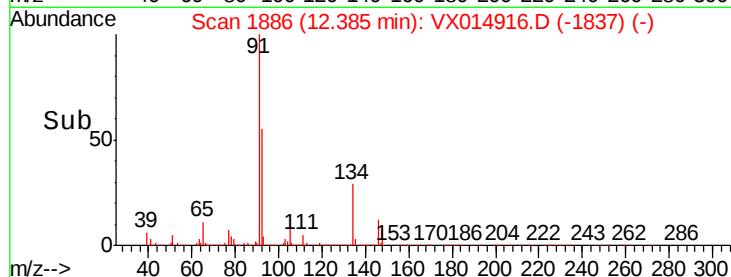
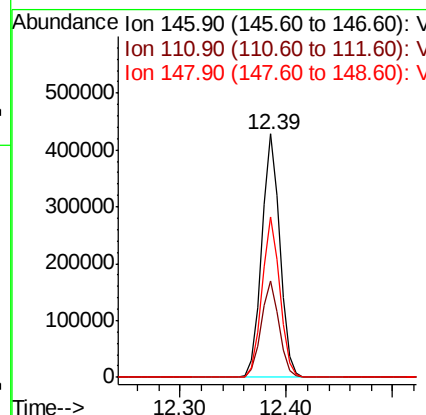
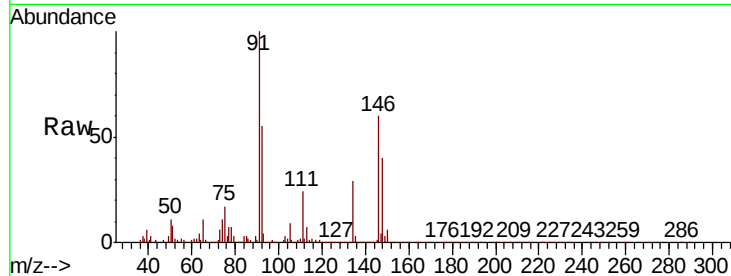




#91
 1,2-Dichlorobenzene
 Concen: 49.936 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

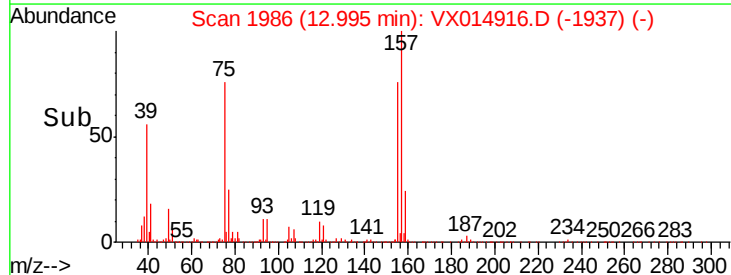
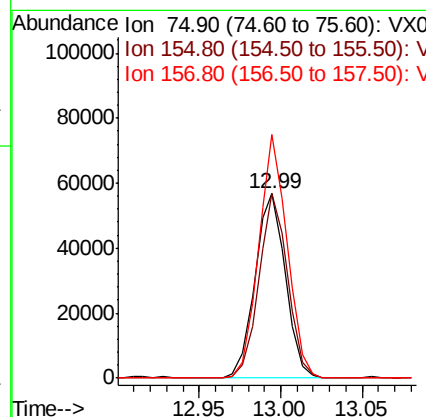
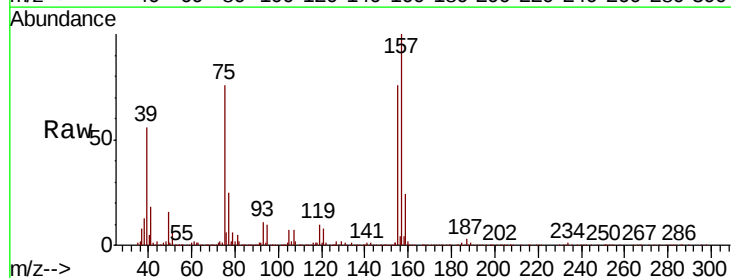
Instrument :
 MSVOA_X
 ClientSampleId :

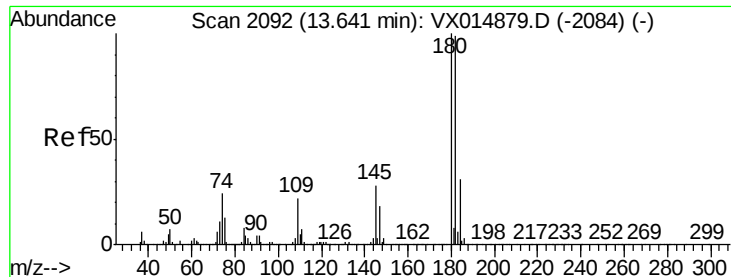
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	65.2	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.595 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	48.6	145.9
157	125.0	62.0	186.0

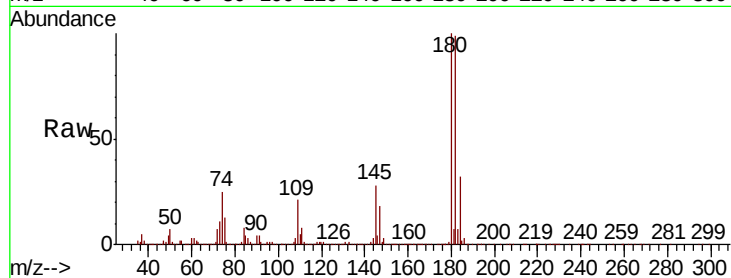




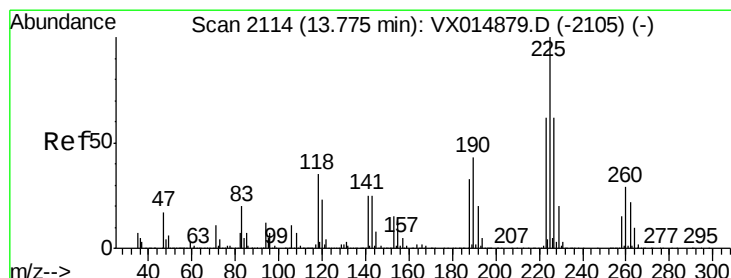
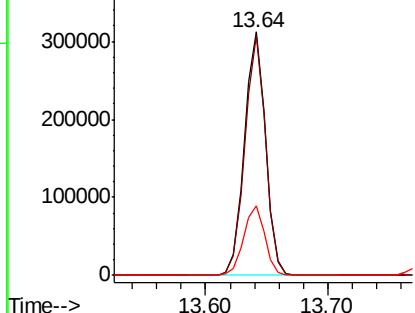
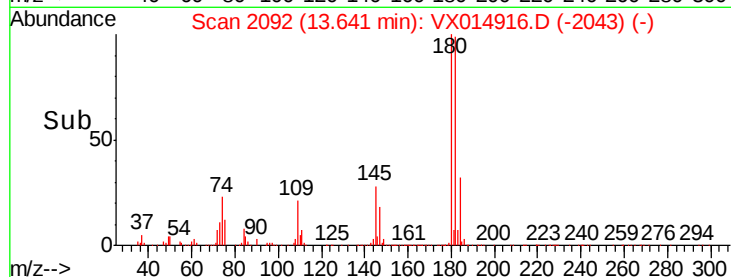
#93
 1,2,4-Trichlorobenzene
 Concen: 49.261 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.3
145	28.4	14.1	42.4

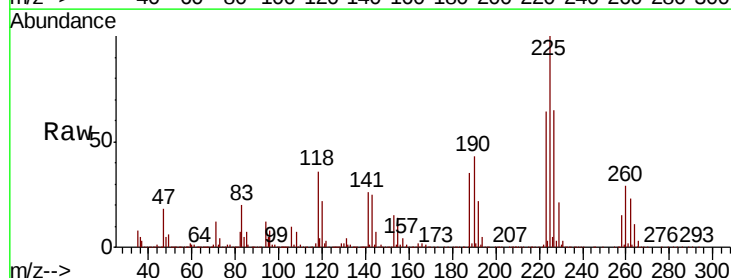


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

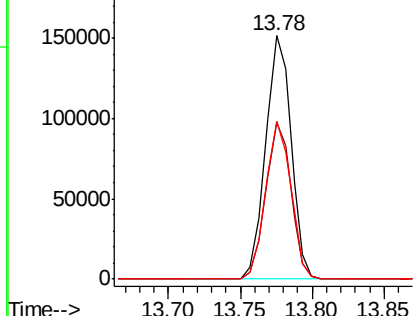
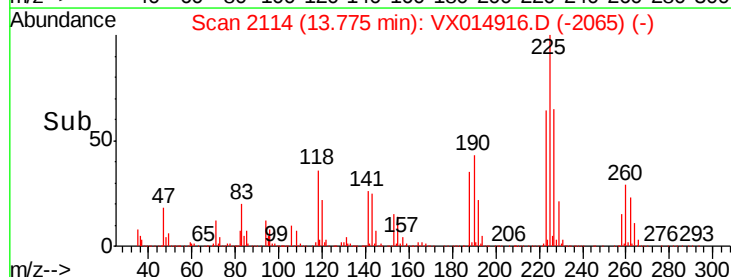


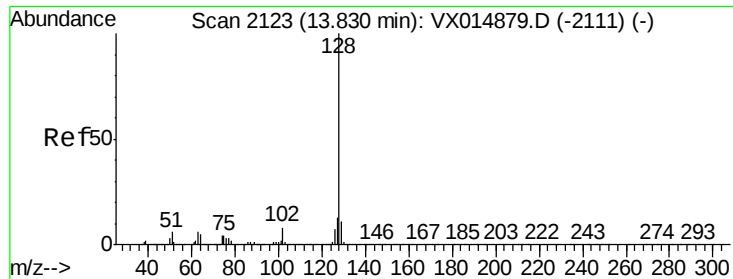
#94
 Hexachlorobutadiene
 Concen: 50.605 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014916.D
 Acq: 12 Feb 2020 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.2
227	64.4	30.9	92.5



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

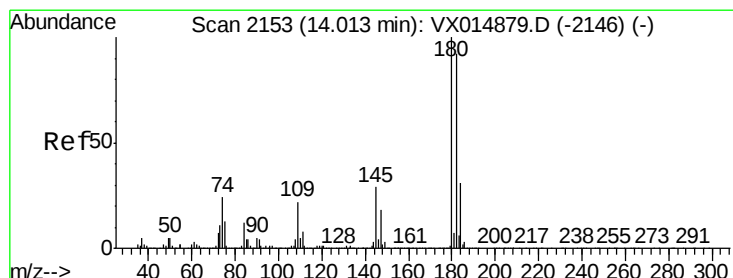
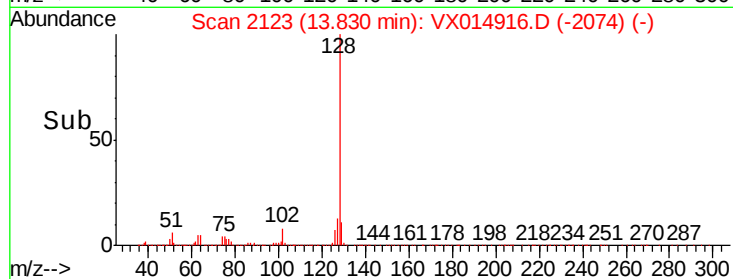
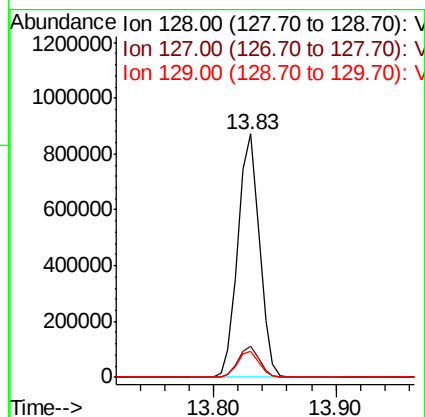
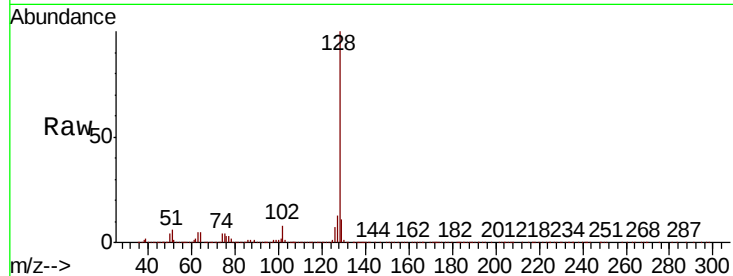




#95
Naphthalene
Concen: 52.586 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1056426
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.564 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014916.D
Acq: 12 Feb 2020 11:04

Tgt Ion:180 Resp: 376416
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.6
145 28.7 14.5 43.5

