

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009818.D
 Acq On : 22 May 2019 21:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 00:57:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131519	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106291	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	
35) Dibromofluoromethane	5.50	113	75476	42.48	ug/l	0.00
Spiked Amount			Recovery	=	84.96%	
50) Toluene-d8	8.71	98	311128	43.37	ug/l	0.00
Spiked Amount			Recovery	=	86.74%	
62) 4-Bromofluorobenzene	11.13	95	114114	43.78	ug/l	0.00
Spiked Amount			Recovery	=	87.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66445	41.157	ug/l	98
3) Chloromethane	1.32	50	100957	45.803	ug/l	100
4) Vinyl Chloride	1.41	62	98369	45.768	ug/l	98
5) Bromomethane	1.64	94	63933	49.559	ug/l	96
6) Chloroethane	1.71	64	61140	44.306	ug/l	100
7) Trichlorofluoromethane	1.92	101	118228	45.253	ug/l	100
8) Diethyl Ether	2.19	74	55273	44.664	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70912	43.222	ug/l	99
10) Methyl Iodide	2.51	142	87000	46.040	ug/l	98
11) Tert butyl alcohol	3.06	59	139890	252.691	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73494	44.709	ug/l	99
13) Acrolein	2.29	56	98161	195.790	ug/l	99
14) Allyl chloride	2.73	41	181137	45.216	ug/l	98
15) Acrylonitrile	3.14	53	309416	228.588	ug/l	100
16) Acetone	2.45	43	276792	215.535	ug/l	97
17) Carbon Disulfide	2.57	76	215320	46.655	ug/l	99
18) Methyl Acetate	2.78	43	135157	44.254	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	288943	45.265	ug/l	99
20) Methylene Chloride	2.85	84	89808	43.191	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	80173	44.972	ug/l	98
22) Diisopropyl ether	3.85	45	353773	45.920	ug/l	96
23) Vinyl Acetate	3.81	43	1595717	241.882	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169096	44.493	ug/l	99
25) 2-Butanone	4.67	43	468014	234.521	ug/l	98
26) 2,2-Dichloropropane	4.58	77	111337	39.357	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	92922	43.668	ug/l	99
28) Bromochloromethane	5.01	49	83533	54.868	ug/l	98
29) Tetrahydrofuran	5.13	42	310821	242.040	ug/l	97
30) Chloroform	5.21	83	154415	44.923	ug/l	100
31) Cyclohexane	5.58	56	164306	46.468	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	129529	45.268	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119519	45.501	ug/l	99
37) Ethyl Acetate	4.83	43	173924	47.523	ug/l	99
38) Carbon Tetrachloride	5.78	117	108099	45.295	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	144475	44.786	ug/l	98
40) Benzene	6.14	78	365503	44.961	ug/l	98
41) Methacrylonitrile	5.04	41	99927	45.868	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134720	46.199	ug/l	98
43) Isopropyl Acetate	6.45	43	279355	47.720	ug/l	99
44) Trichloroethene	7.21	130	84822	43.161	ug/l	94
45) 1,2-Dichloropropane	7.51	63	104172	45.255	ug/l	98
46) Dibromomethane	7.66	93	59079	44.197	ug/l	99
47) Bromodichloromethane	7.90	83	119704	44.893	ug/l	98
48) Methyl methacrylate	7.77	41	140643	48.425	ug/l	98
49) 1,4-Dioxane	7.74	88	53935	915.711	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	937939	245.128	ug/l	98
52) Toluene	8.79	92	223143	45.156	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139054	46.191	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152580	45.792	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90259	44.771	ug/l	97
56) Ethyl methacrylate	9.18	69	167393	46.515	ug/l	95
57) 1,3-Dichloropropane	9.37	76	158224	44.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	426678	223.497	ug/l	100
59) 2-Hexanone	9.49	43	728256	242.336	ug/l	98
60) Dibromochloromethane	9.58	129	91247	46.342	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91964	45.190	ug/l	98
64) Tetrachloroethene	9.34	164	77264	43.287	ug/l	96
65) Chlorobenzene	10.13	112	230561	44.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83608	44.304	ug/l	100
67) Ethyl Benzene	10.25	91	430959	44.986	ug/l	100
68) m/p-Xylenes	10.36	106	317696	90.751	ug/l	98
69) o-Xylene	10.69	106	154449	44.716	ug/l	98
70) Styrene	10.71	104	274587	45.739	ug/l	99
71) Bromoform	10.85	173	70046	45.675	ug/l #	99
73) Isopropylbenzene	11.02	105	415195	43.413	ug/l	100
74) N-amyl acetate	10.90	43	260128	46.653	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	154035	43.204	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	180439	59.145	ug/l	81
77) Bromobenzene	11.26	156	103105	43.435	ug/l	99
78) n-propylbenzene	11.36	91	482458	44.171	ug/l	100
79) 2-Chlorotoluene	11.42	91	287076	42.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	357079	44.342	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51146	42.896	ug/l	97
82) 4-Chlorotoluene	11.51	91	333660	43.829	ug/l	100
83) tert-Butylbenzene	11.77	119	338965	43.270	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	354255	43.827	ug/l	100
85) sec-Butylbenzene	11.94	105	405619	43.674	ug/l	100
86) p-Isopropyltoluene	12.06	119	369345	44.236	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184306	43.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182717	42.827	ug/l	99
89) n-Butylbenzene	12.38	91	338297	44.828	ug/l	99
90) Hexachloroethane	12.60	117	62940	44.247	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	184647	42.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35489	44.373	ug/l	96

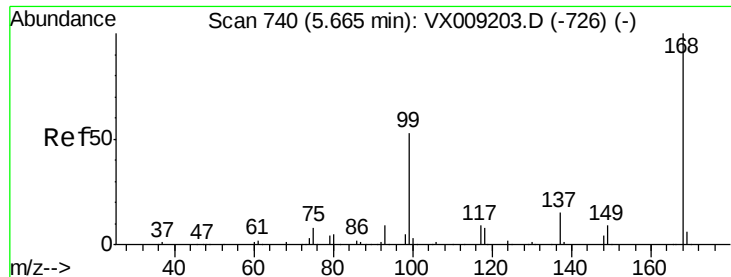
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129563	43.957	ug/l	98
94) Hexachlorobutadiene	13.78	225	65210	43.324	ug/l	99
95) Naphthalene	13.83	128	421289	43.933	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	130324	43.620	ug/l	99

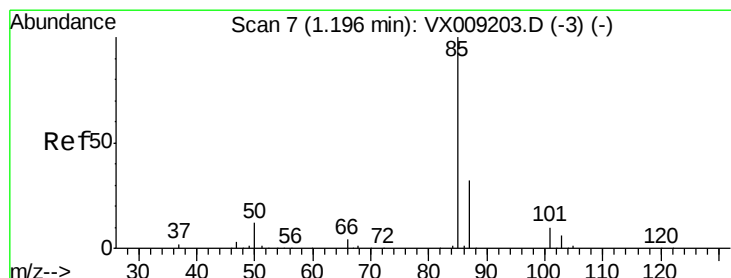
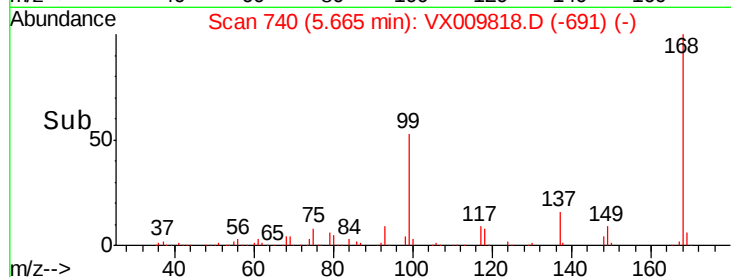
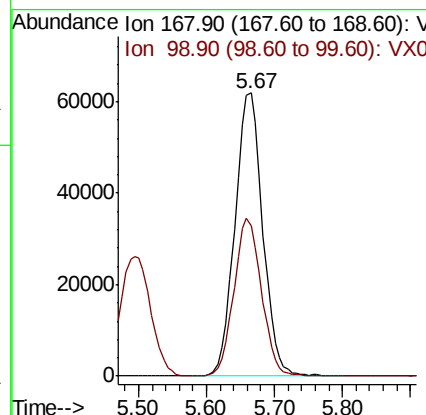
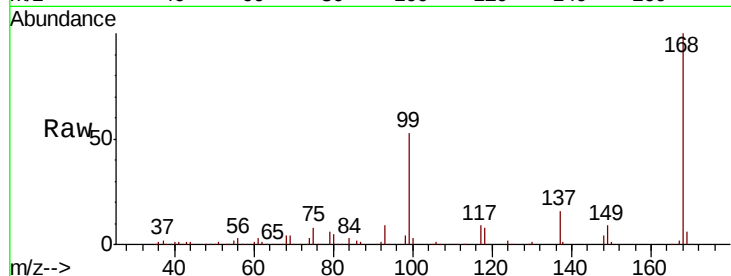
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

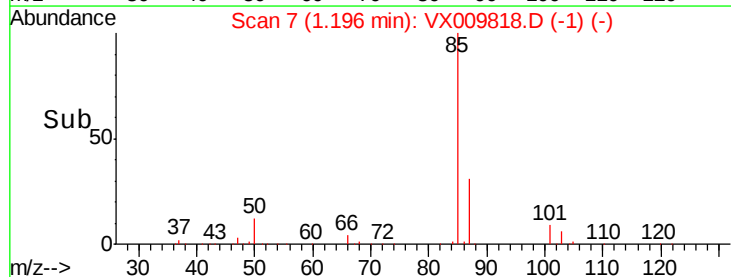
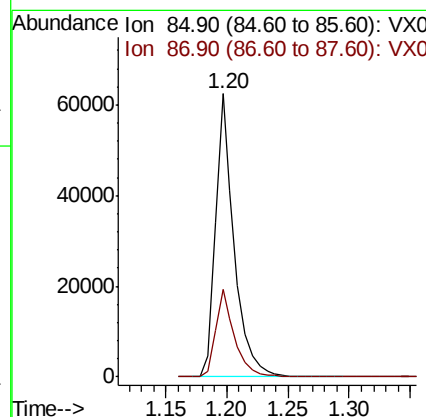
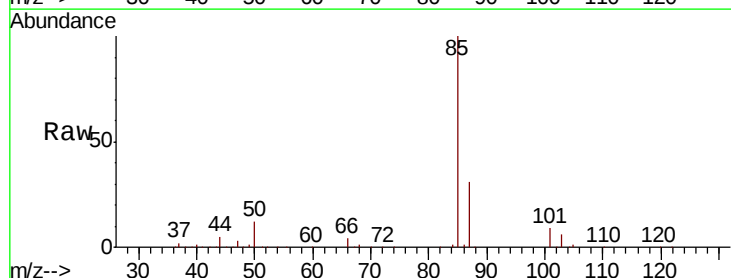
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 175195
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 41.157 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 85 Resp: 66445
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.3





#3

Chloromethane

Concen: 45.803 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

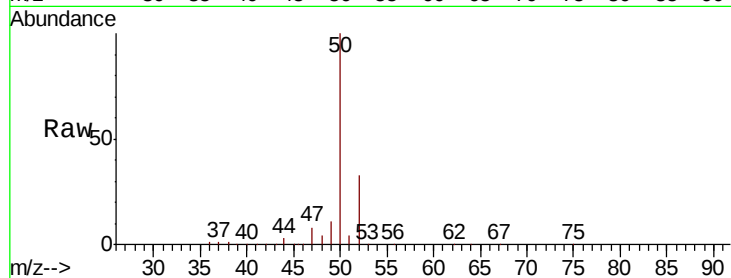
ClientSampleId :

Tot Ion: 50 Resp: 100957

Ion Ratio Lower Upper

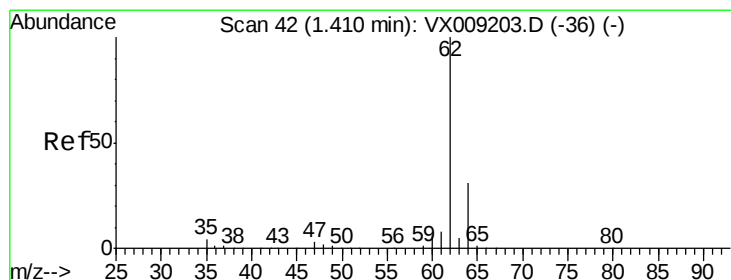
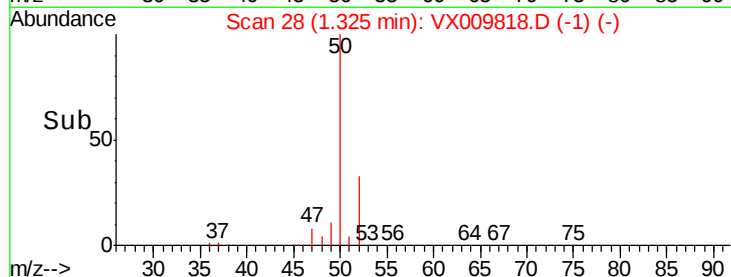
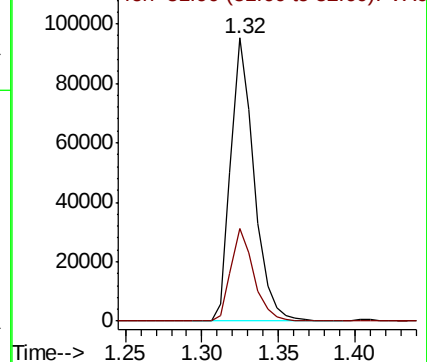
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.768 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009818.D

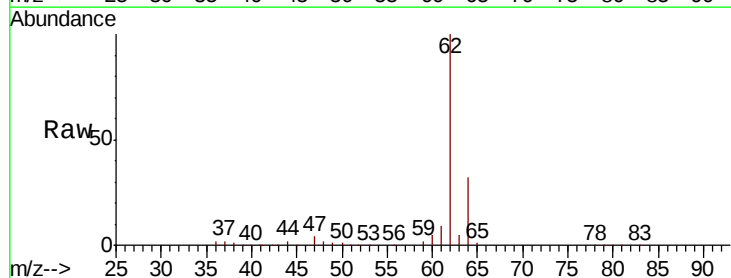
Acq: 22 May 2019 21:24

Tgt Ion: 62 Resp: 98369

Ion Ratio Lower Upper

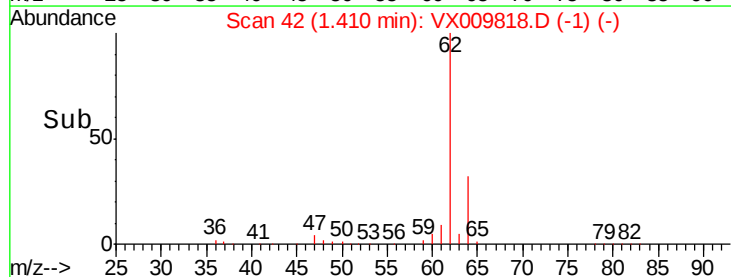
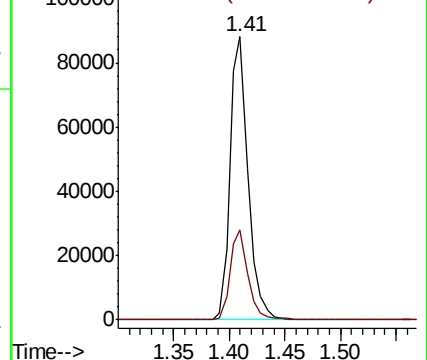
62 100

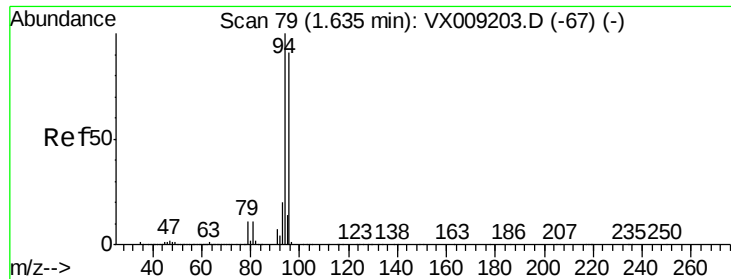
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.559 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

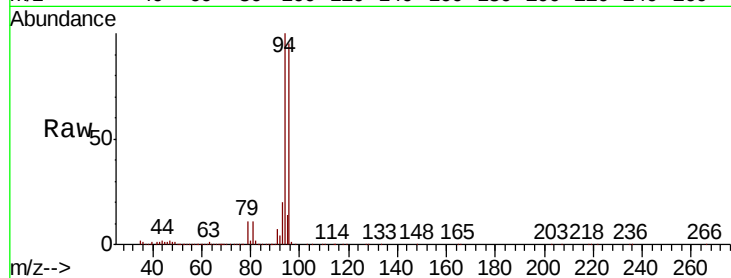
ClientSampleId :

Tot Ion: 94 Resp: 63933

Ion Ratio Lower Upper

94 100

96 94.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

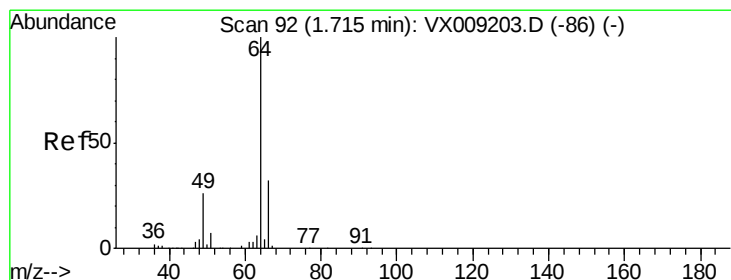
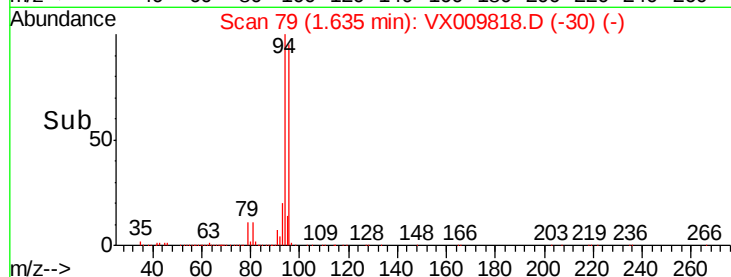
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 44.306 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009818.D

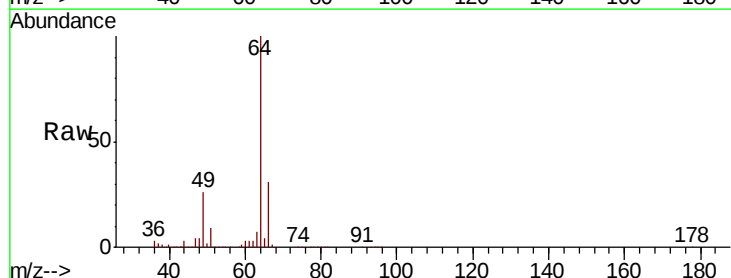
Acq: 22 May 2019 21:24

Tgt Ion: 64 Resp: 61140

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

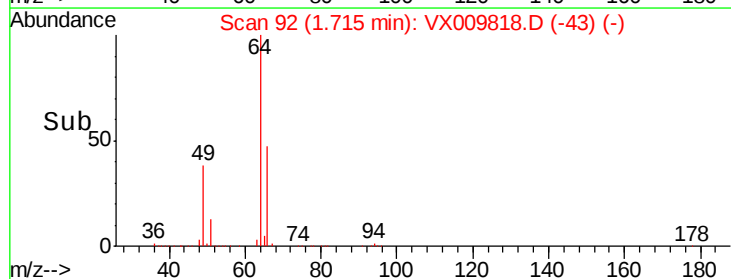
20000

10000

0

1.65 1.70 1.75 1.80 1.85

Time-->



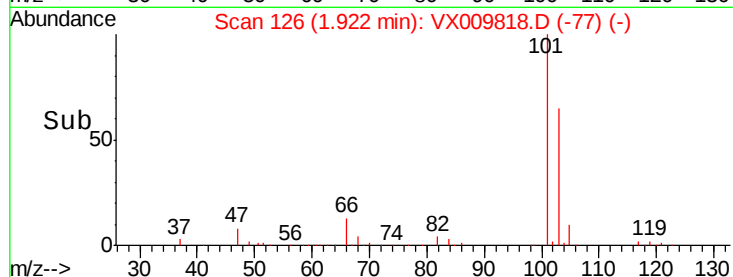
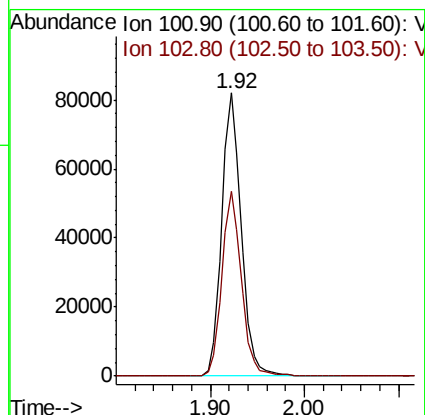
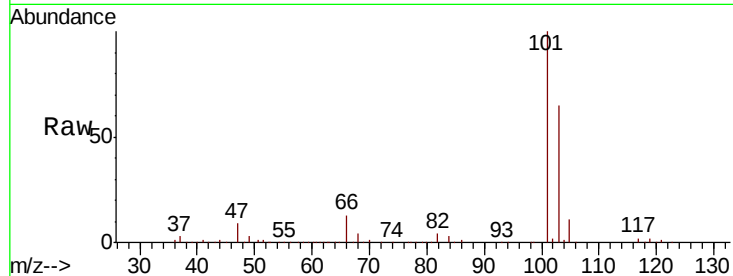


#7

Trichlorofluoromethane
 Concen: 45.253 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009818.D
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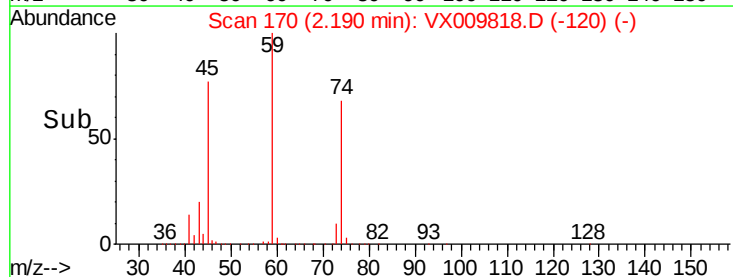
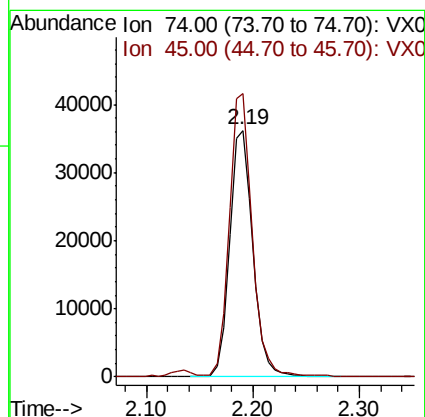
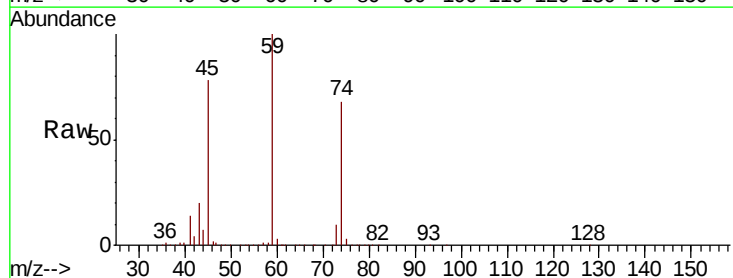
Tot Ion: 101 Resp: 118228
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.4 78.6



#8

Diethyl Ether
 Concen: 44.664 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion: 74 Resp: 55273
 Ion Ratio Lower Upper
 74 100
 45 112.5 53.3 159.9

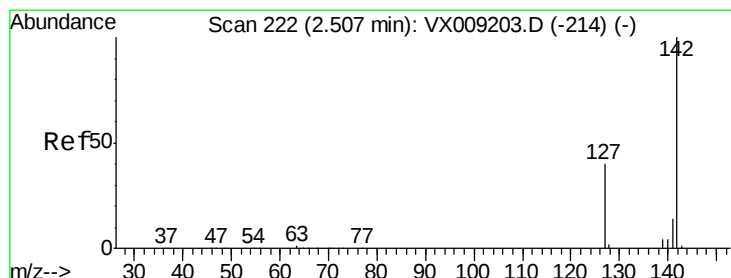
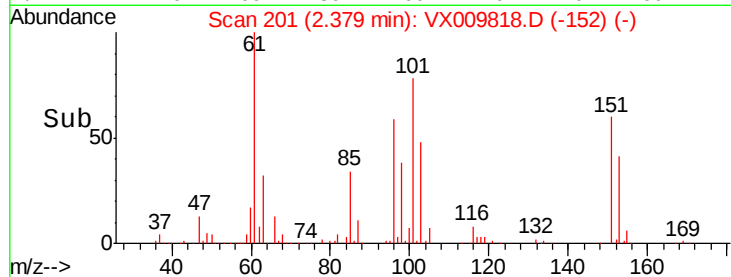
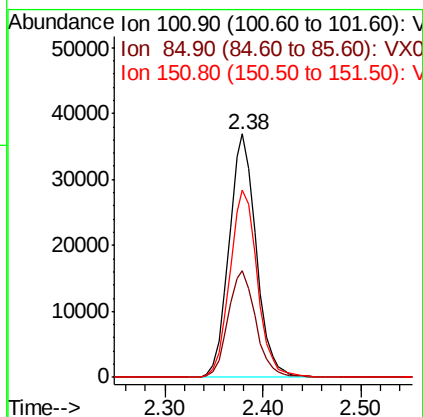
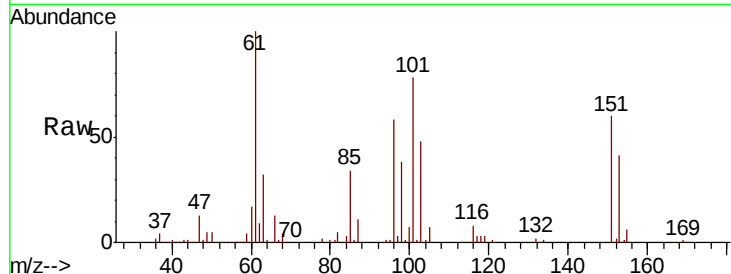




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.222 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

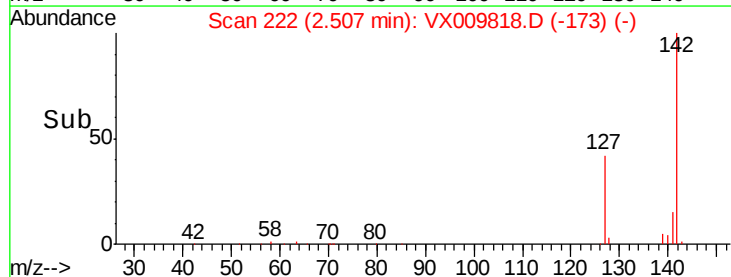
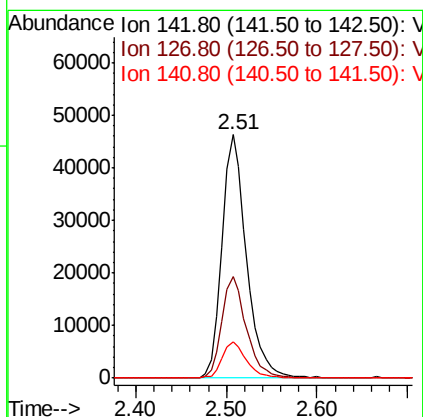
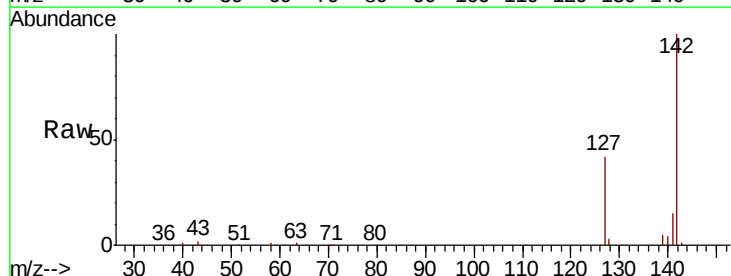
Instrument :
 MSVOA_X
 ClientSampled :

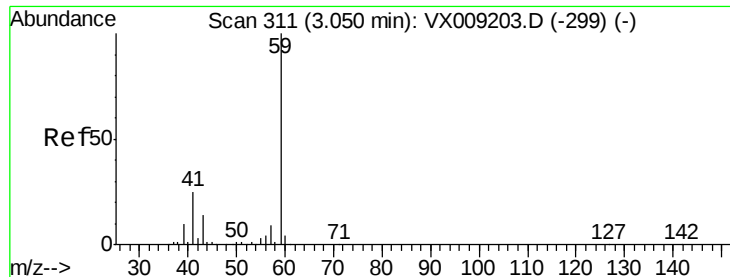
Tot Ion:101 Resp: 70912
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.7 53.5
 151 78.4 62.2 93.2



#10
 Methyl Iodide
 Concen: 46.040 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009818.D
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Tgt Ion:142 Resp: 87000
 Ion Ratio Lower Upper
 142 100
 127 42.1 32.7 49.1
 141 14.7 11.5 17.3

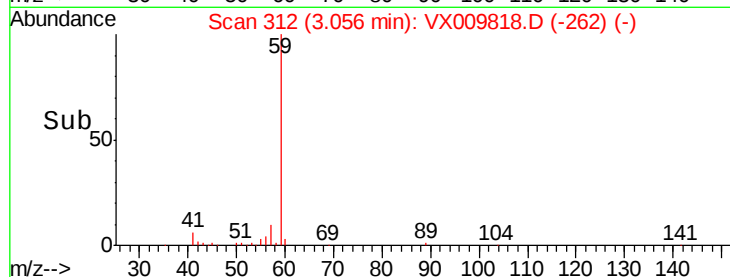
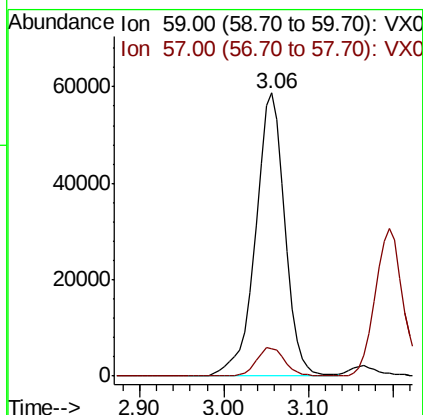
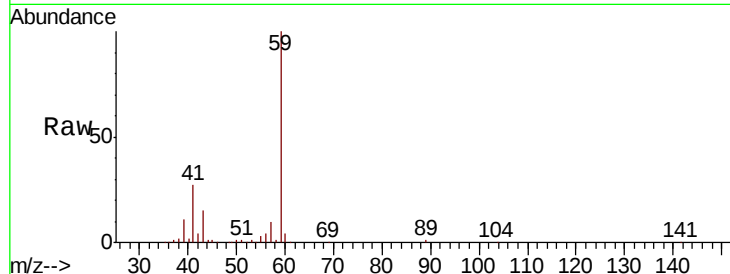




#11
Tert butyl alcohol
Concen: 252.691 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

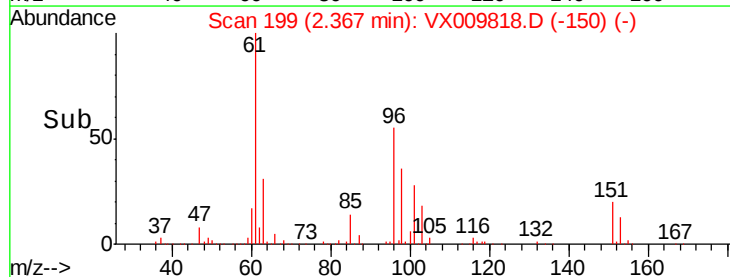
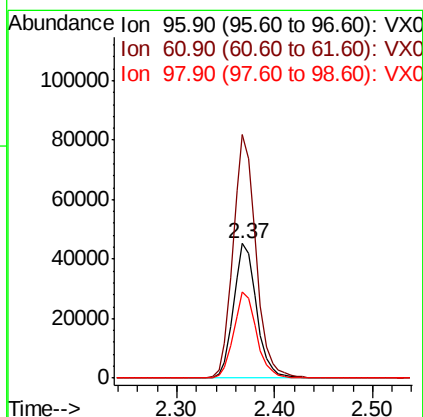
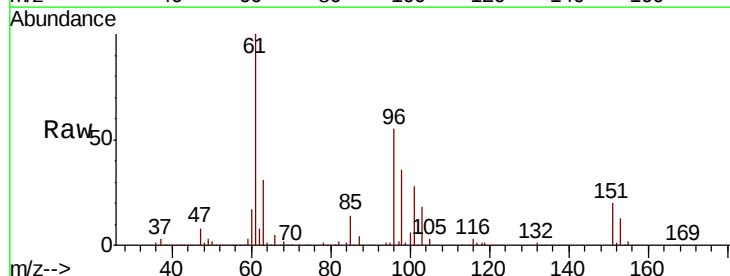
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 139890
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.709 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 96 Resp: 73494
Ion Ratio Lower Upper
96 100
61 180.9 144.3 216.5
98 64.4 50.3 75.5





#13

Acrolein

Concen: 195.790 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

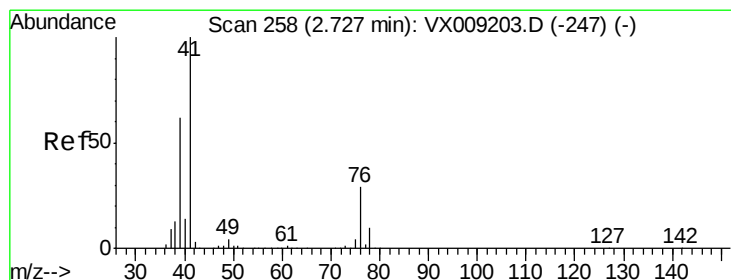
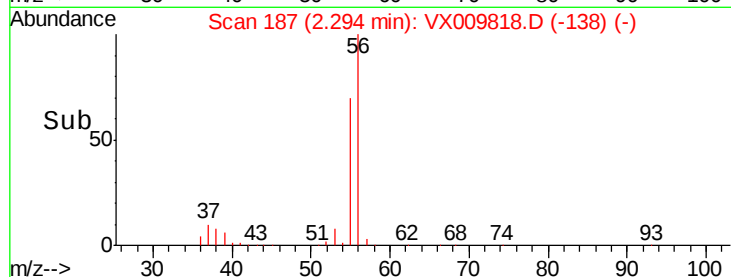
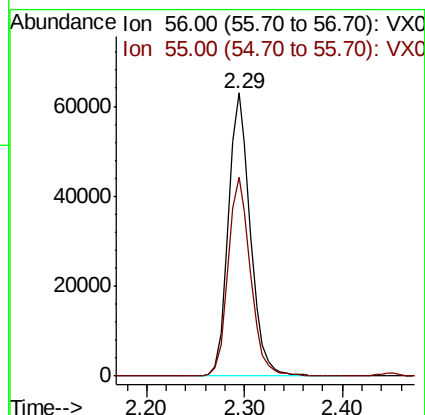
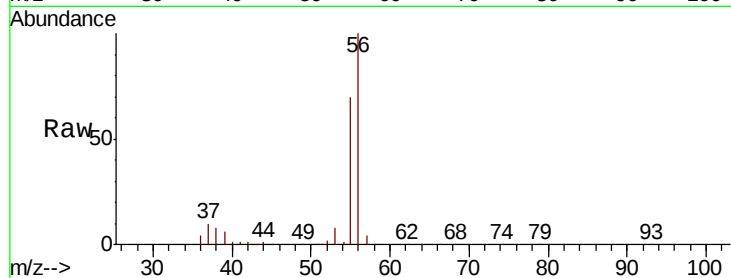
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 98161

Ion Ratio Lower Upper

56 100

55 71.3 56.6 85.0



#14

Allyl chloride

Concen: 45.216 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

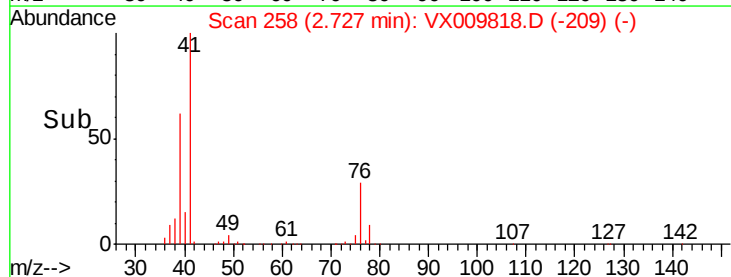
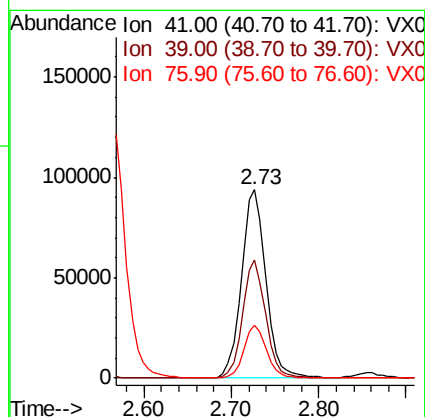
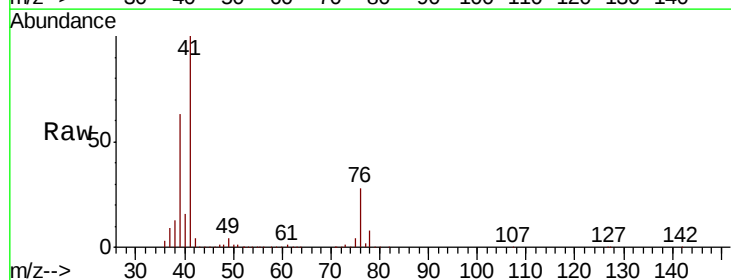
Tgt Ion: 41 Resp: 181137

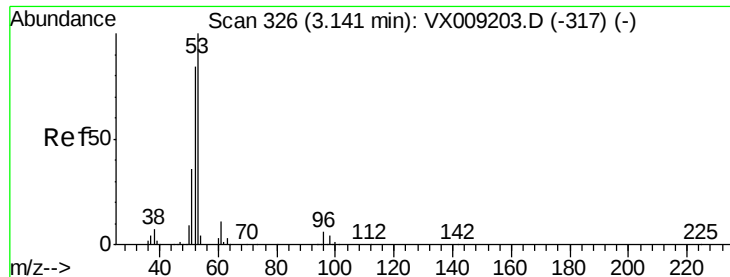
Ion Ratio Lower Upper

41 100

39 59.3 46.7 70.1

76 26.0 21.8 32.8





#15

Acrylonitrile

Concen: 228.588 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

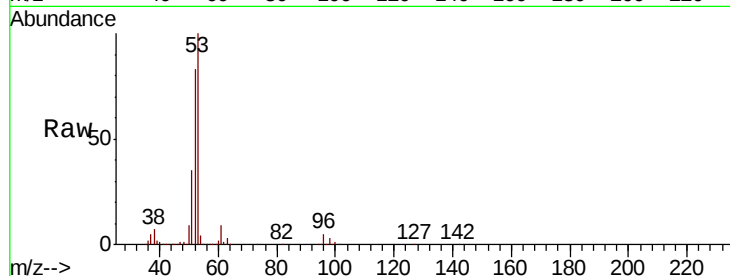
Tot Ion: 53 Resp: 309416

Ion Ratio Lower Upper

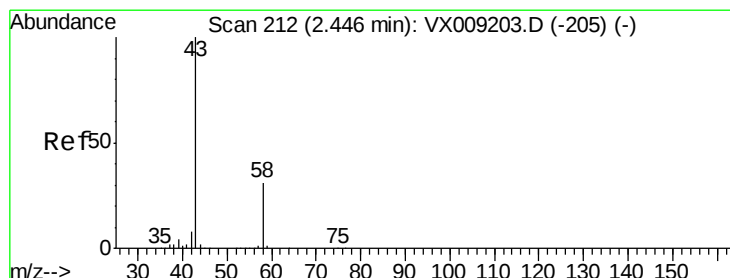
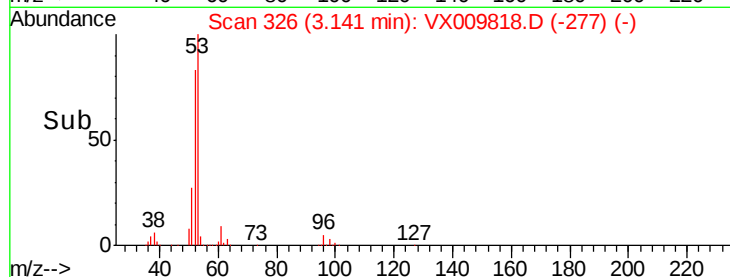
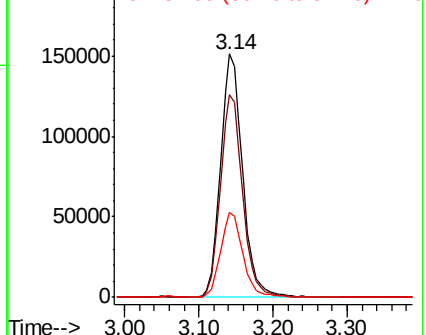
53 100

52 83.8 66.9 100.3

51 35.2 28.2 42.2



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: 215.535 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009818.D

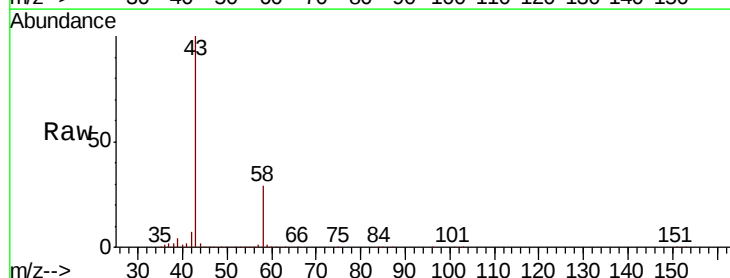
Acq: 22 May 2019 21:24

Tgt Ion: 43 Resp: 276792

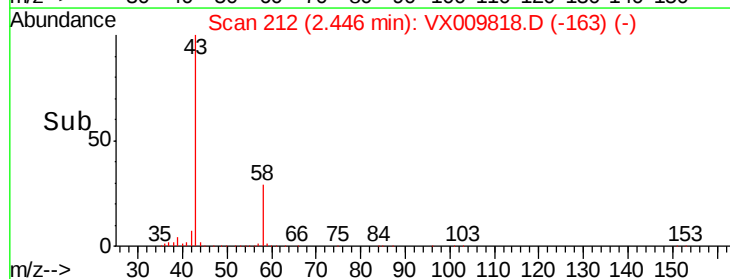
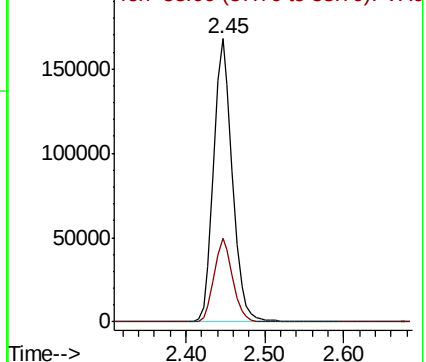
Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3



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

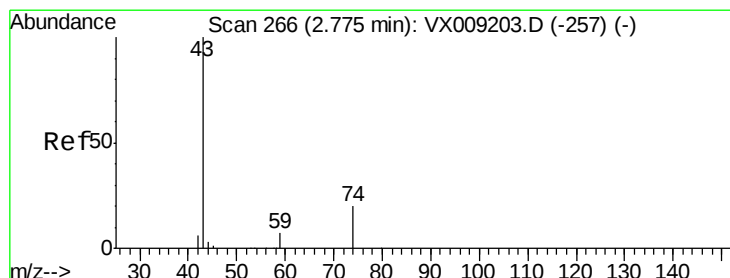
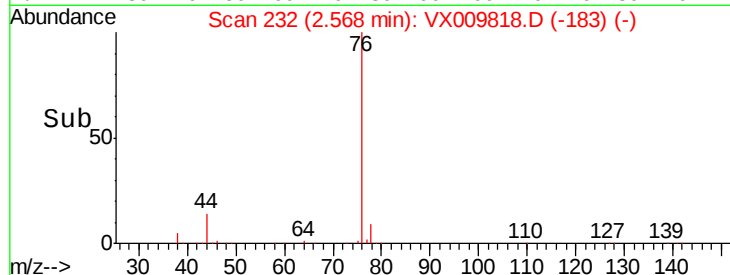
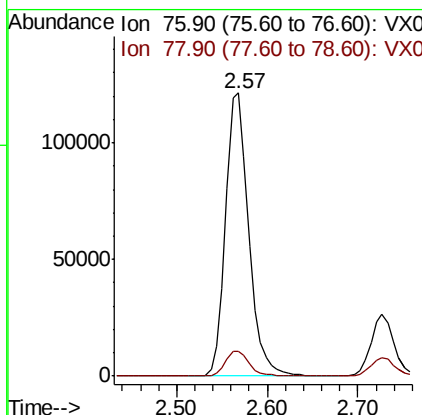
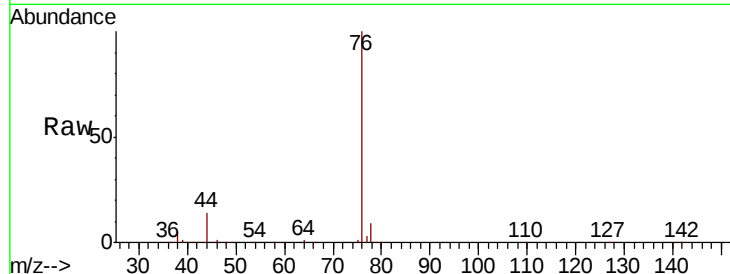




#17
Carbon Disulfide
Concen: 46.655 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

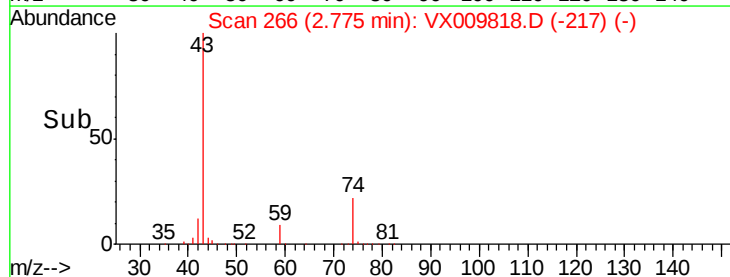
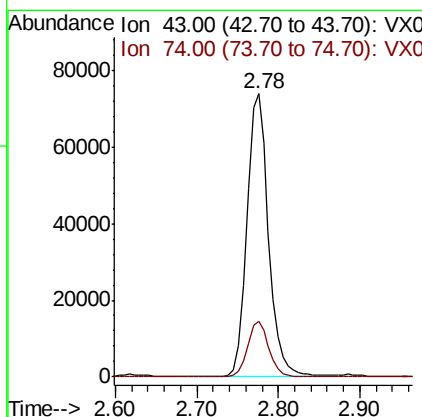
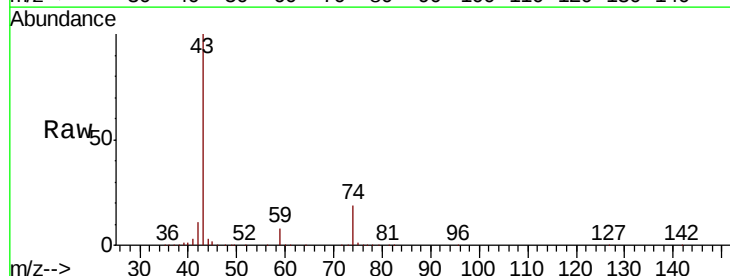
Instrument :
MSVOA_X
ClientSampleId :

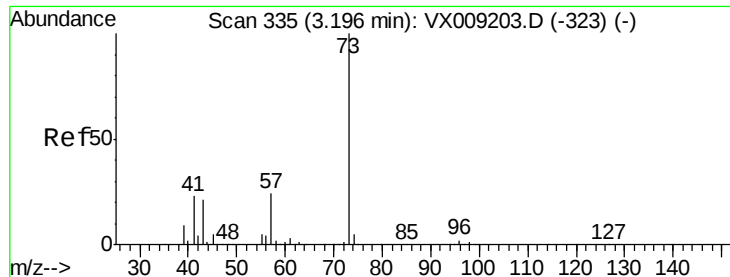
Tot Ion: 76 Resp: 215320
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 44.254 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 43 Resp: 135157
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4



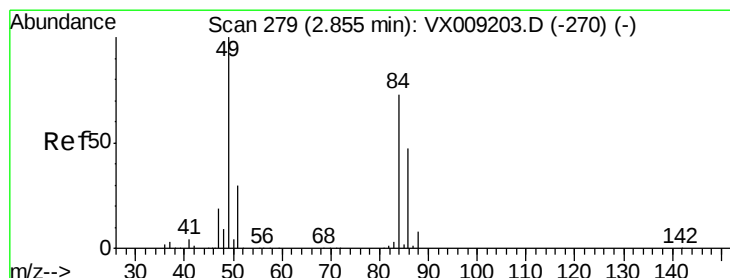
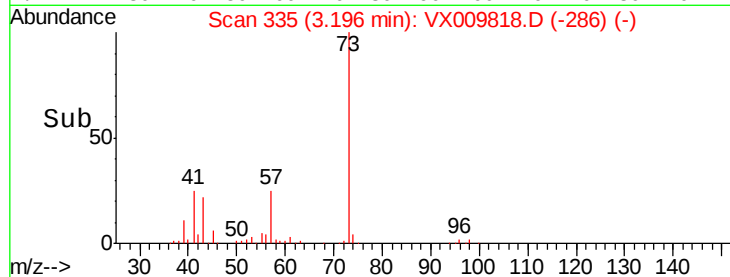
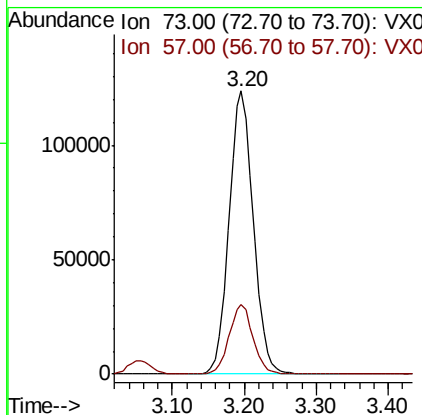
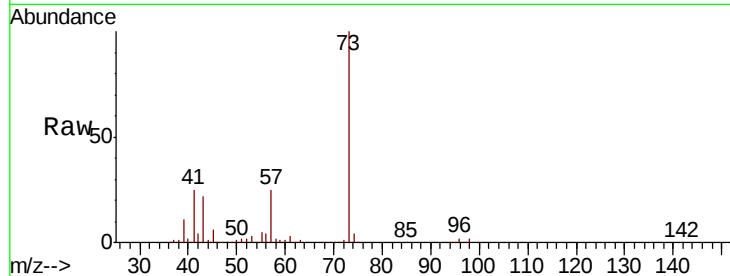


#19

Methyl tert-butyl Ether
 Concen: 45.265 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Instrument :
 MSVOA_X
 ClientSampled :

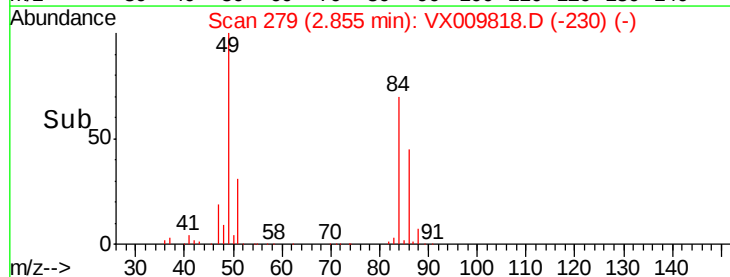
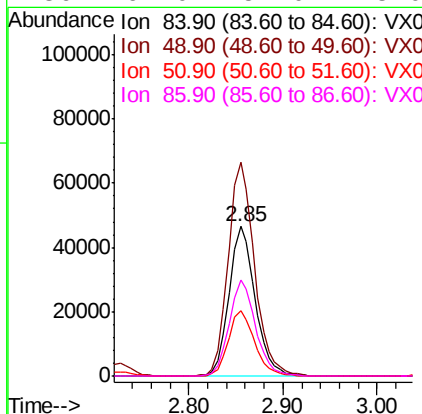
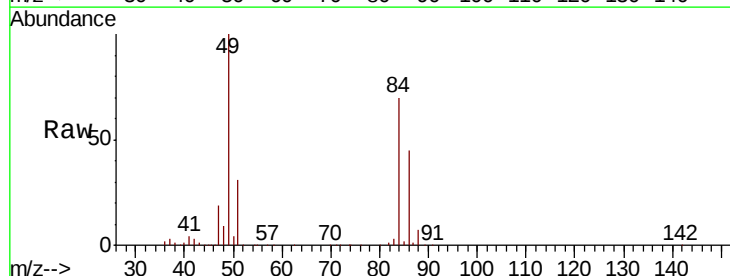
Tot Ion: 73 Resp: 288943
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.3 28.9

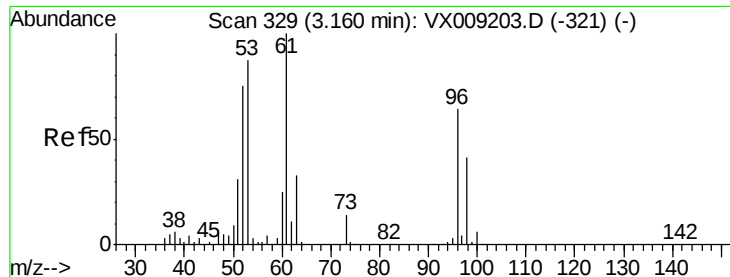


#20

Methylene Chloride
 Concen: 43.191 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion: 84 Resp: 89808
 Ion Ratio Lower Upper
 84 100
 49 142.5 109.9 164.9
 51 44.0 32.7 49.1
 86 64.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.972 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :

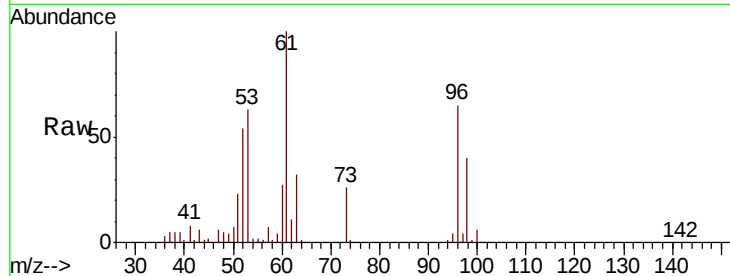
Tot Ion: 96 Resp: 80173

Ion Ratio Lower Upper

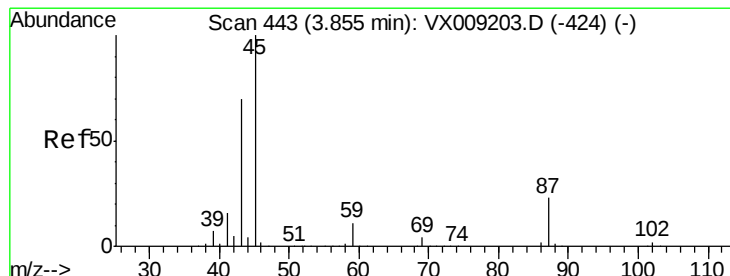
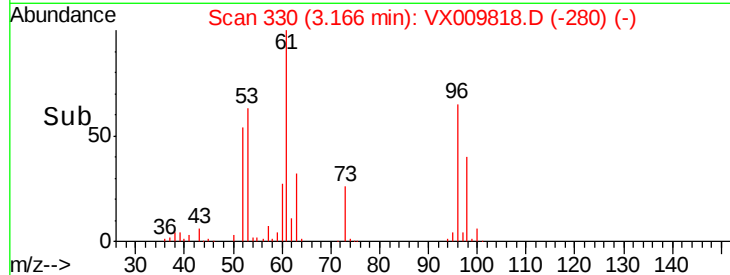
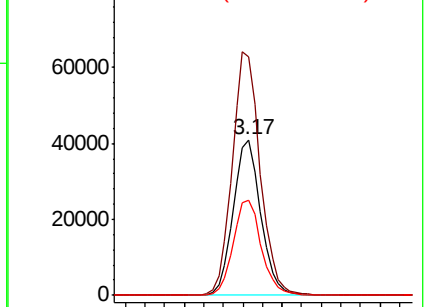
96 100

61 153.2 124.5 186.7

98 61.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 45.920 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Tgt Ion: 45 Resp: 353773

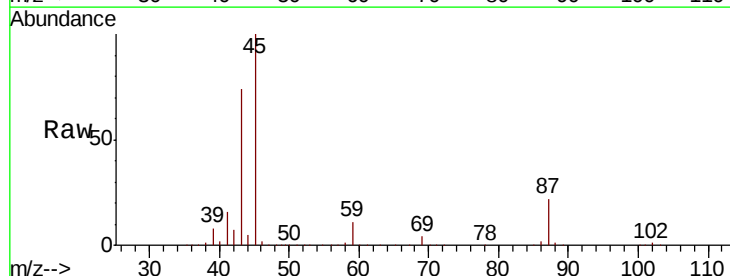
Ion Ratio Lower Upper

45 100

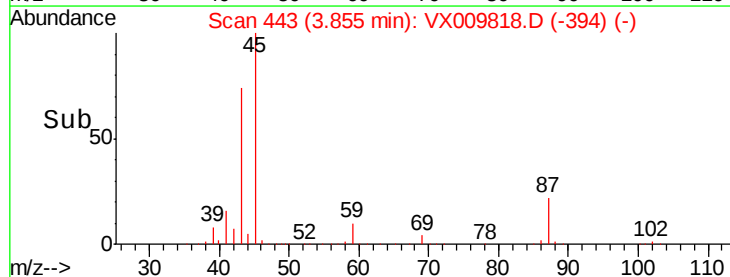
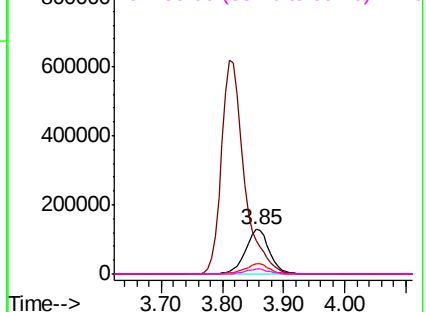
43 74.2 56.1 84.1

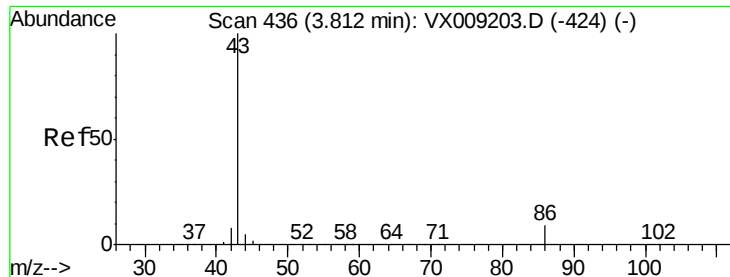
87 22.4 18.1 27.1

59 10.5 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.882 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

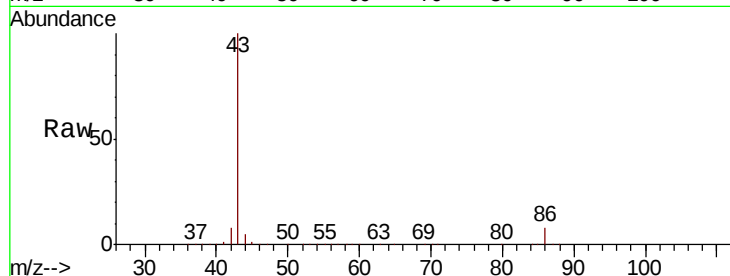
Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :

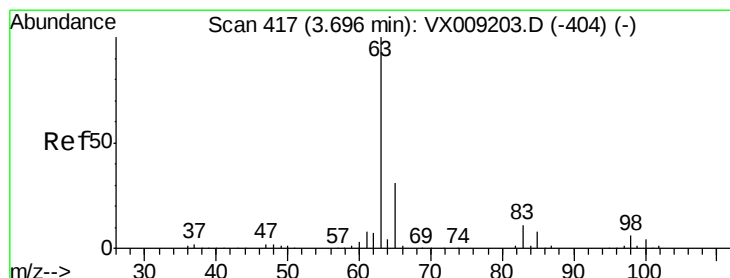
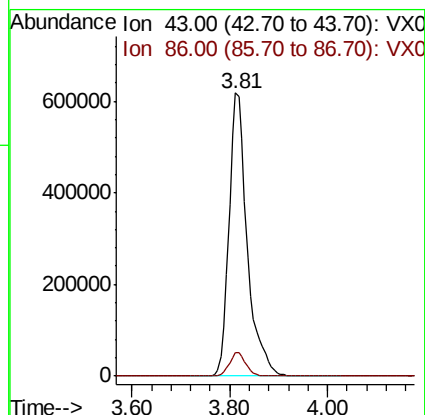
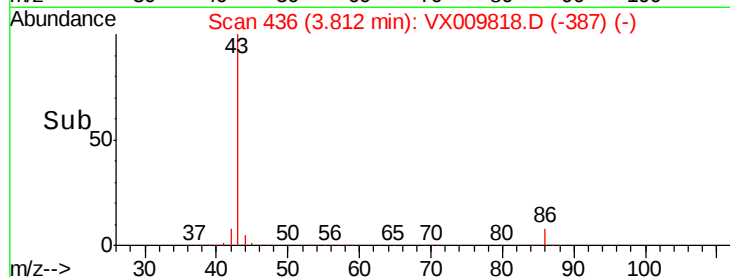
Tot Ion: 43 Resp: 1595717

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.9	10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.493 ug/l

RT: 3.70 min Scan# 417

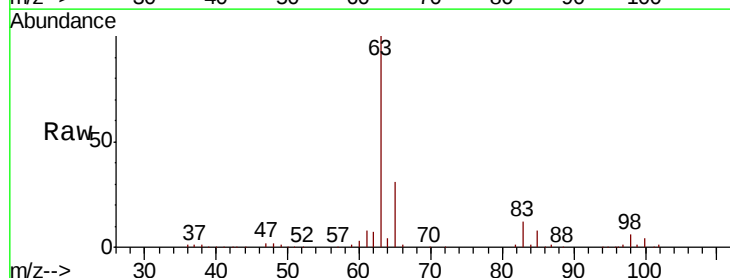
Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Tgt Ion: 63 Resp: 169096

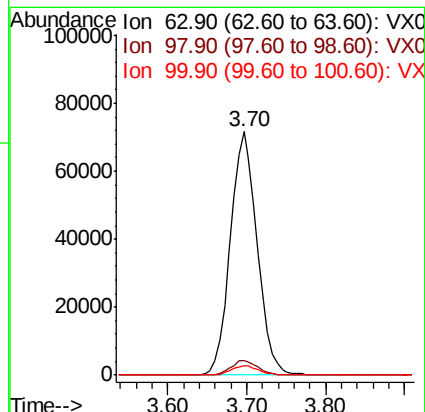
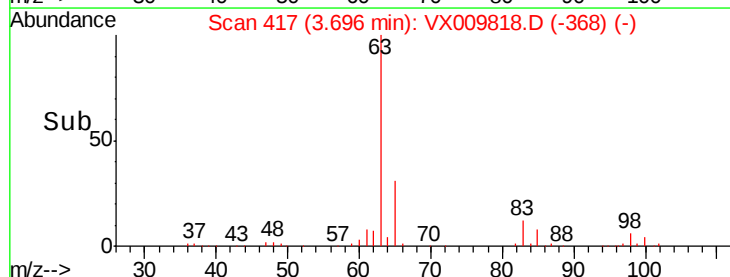
Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.0	9.2
100	4.0	2.0	6.0

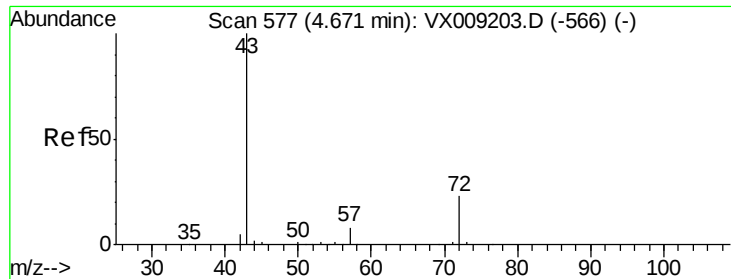


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.521 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

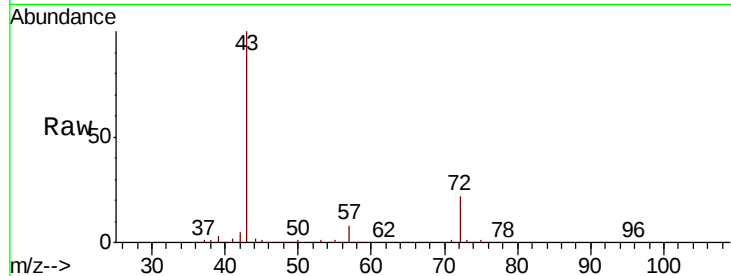
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 468014

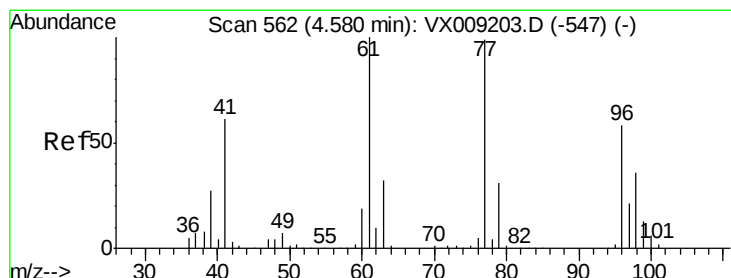
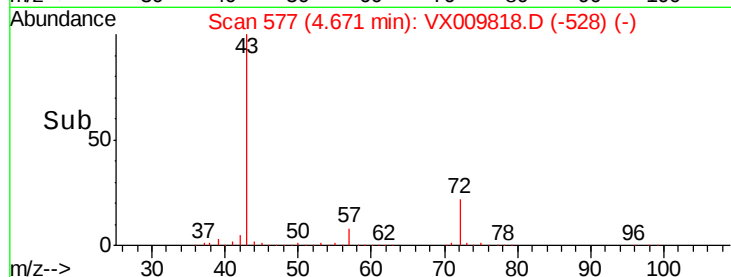
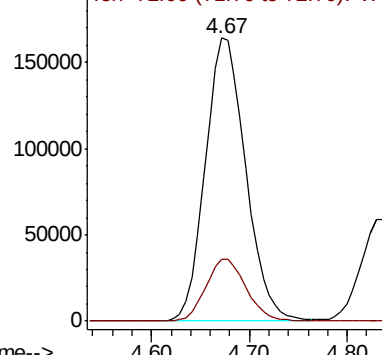
Ion Ratio Lower Upper

43 100

72 21.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.357 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009818.D

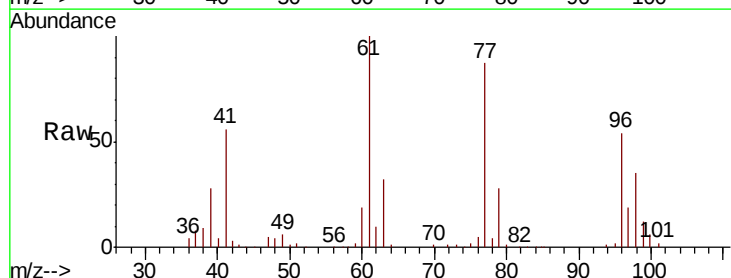
Acq: 22 May 2019 21:24

Tgt Ion: 77 Resp: 111337

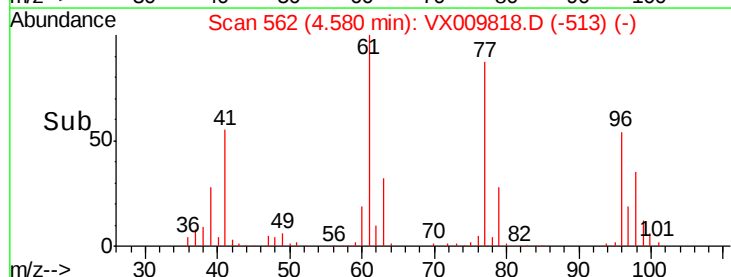
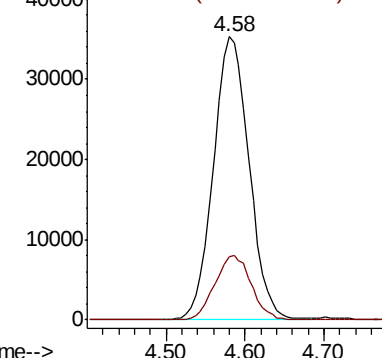
Ion Ratio Lower Upper

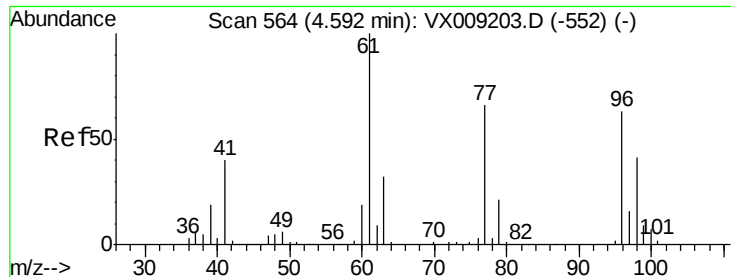
77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



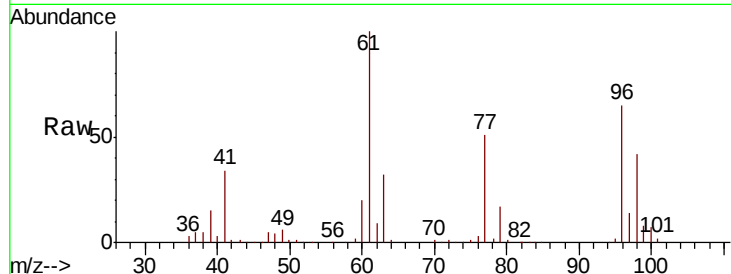


#27

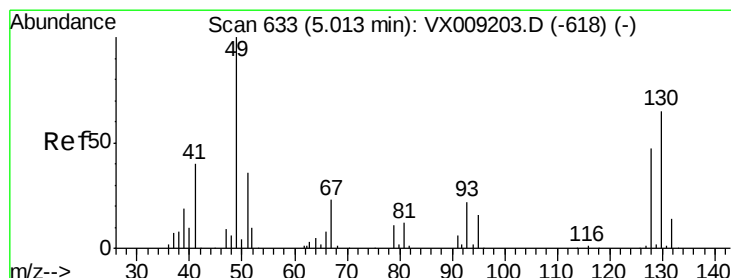
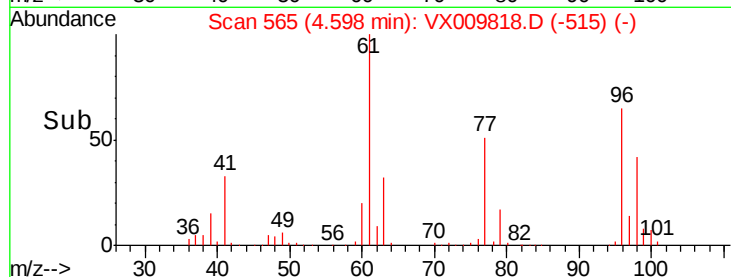
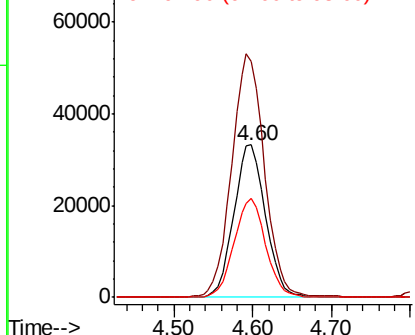
cis-1,2-Dichloroethene
Concen: 43.668 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 92922
Ion Ratio Lower Upper
96 100
61 164.3 0.0 324.0
98 64.7 0.0 130.4



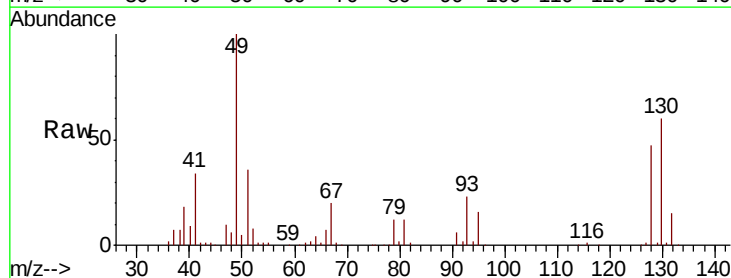
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



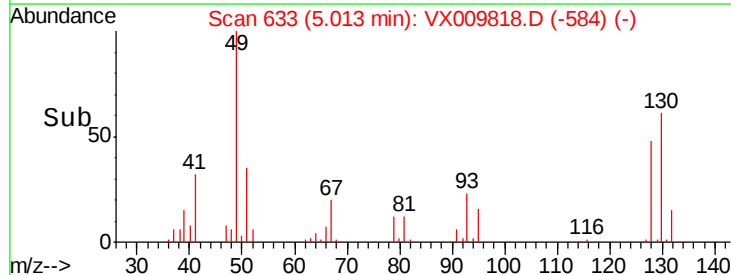
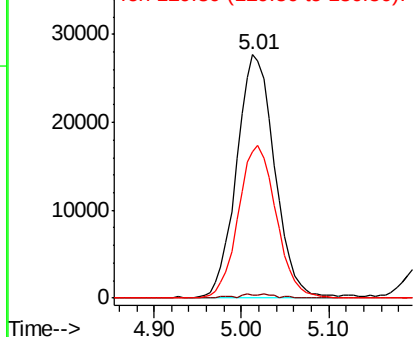
#28

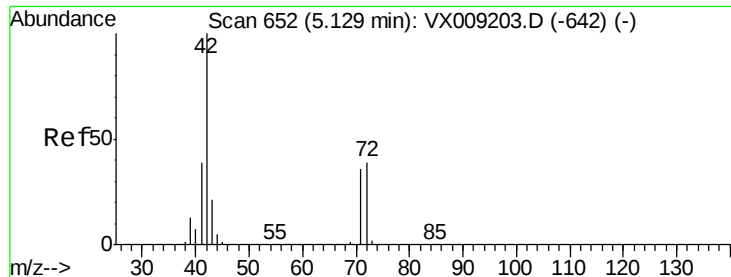
Bromochloromethane
Concen: 54.868 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 49 Resp: 83533
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 62.5 51.2 76.8



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

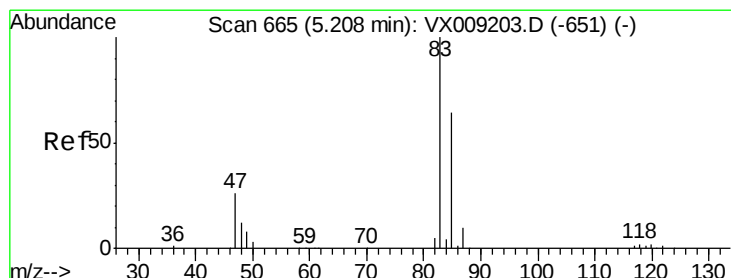
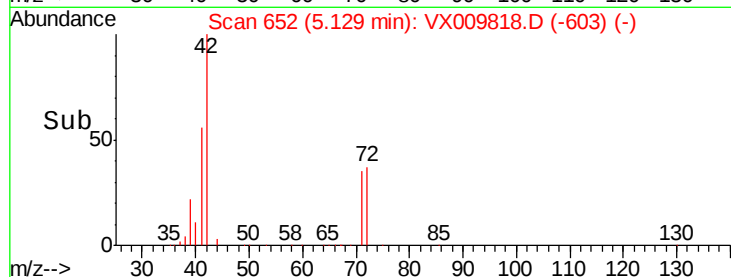
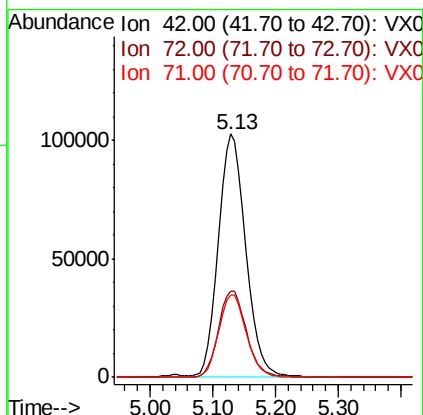
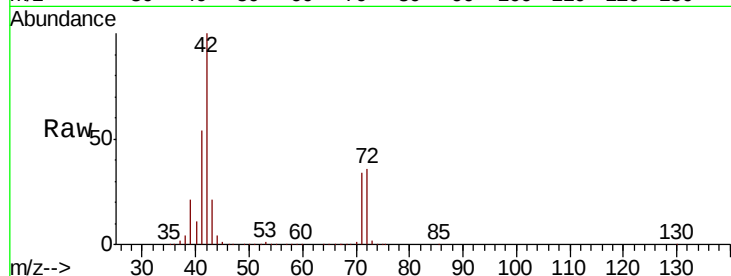




#29
Tetrahydrofuran
Concen: 242.040 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

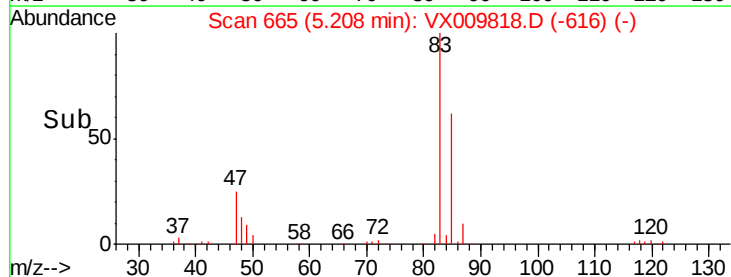
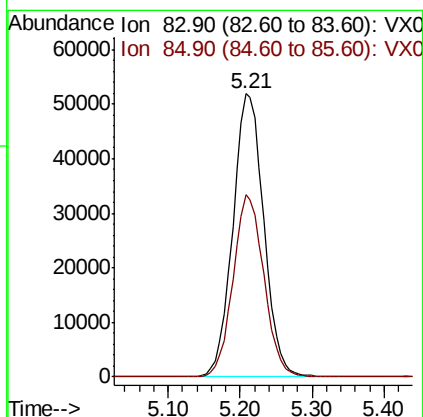
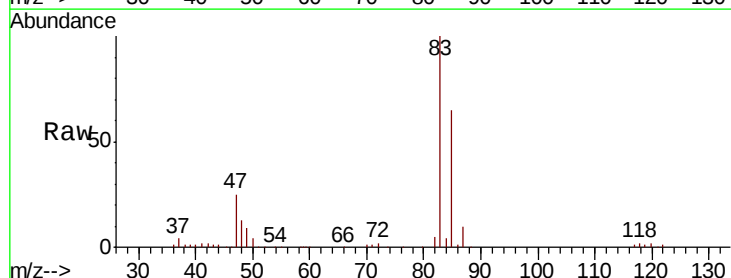
Instrument :
MSVOA_X
ClientSampleId :

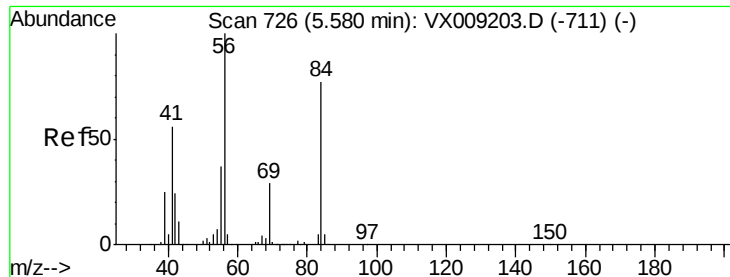
Tot Ion: 42 Resp: 310821
Ion Ratio Lower Upper
42 100
72 36.5 30.4 45.6
71 34.2 28.6 43.0



#30
Chloroform
Concen: 44.923 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 83 Resp: 154415
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

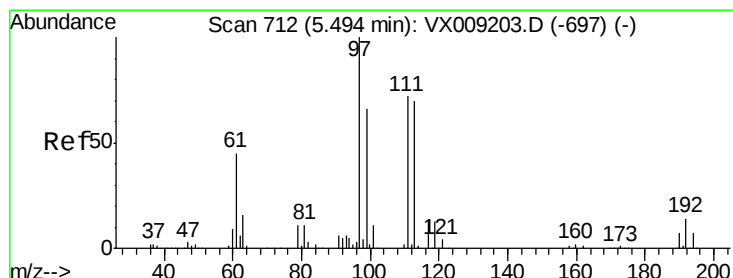
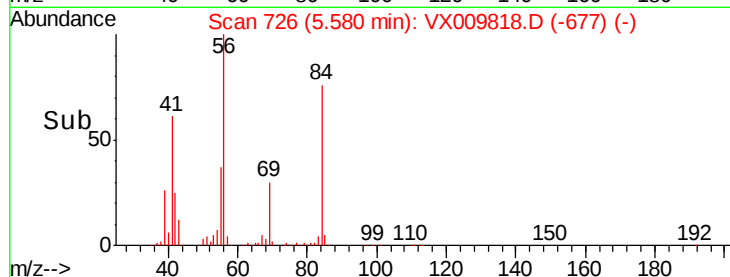
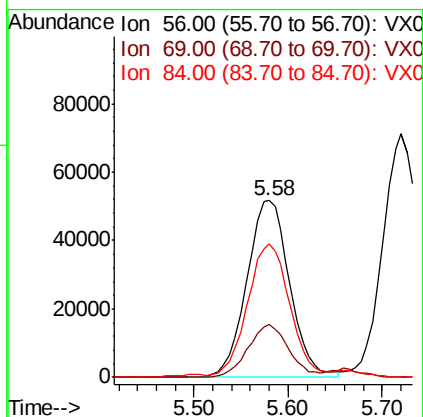
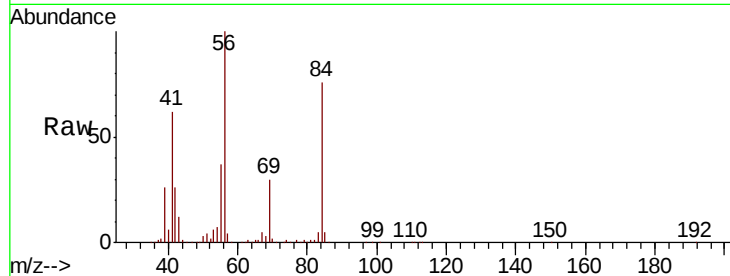




#31
Cyclohexane
Concen: 46.468 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

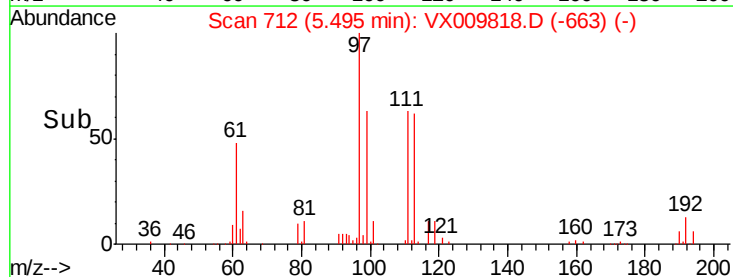
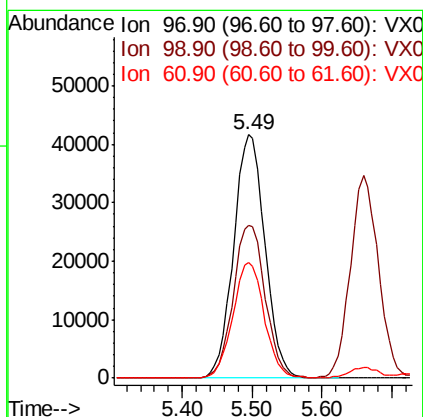
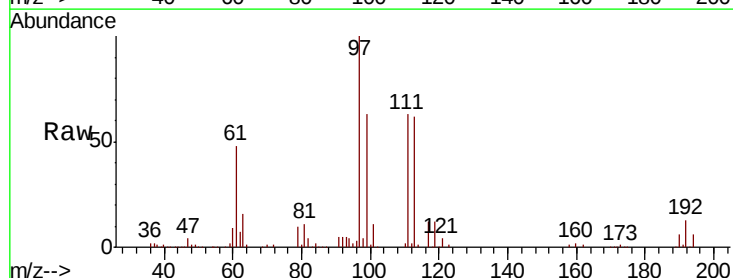
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 164306
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.0
84 74.2 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 45.268 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 97 Resp: 129529
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 47.9 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 44.443 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

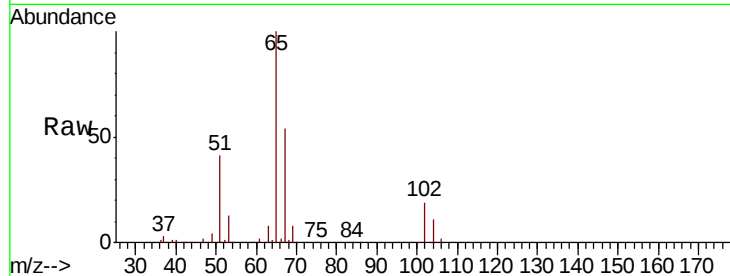
ClientSampleId :

Tot Ion: 65 Resp: 106291

Ion Ratio Lower Upper

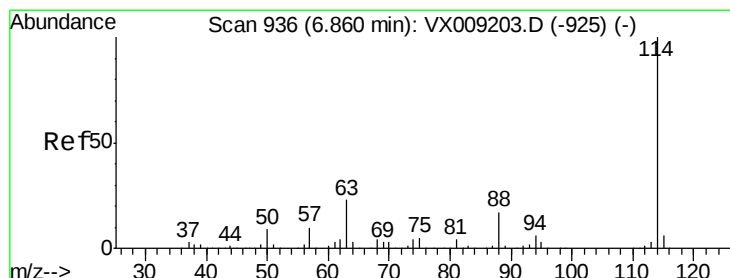
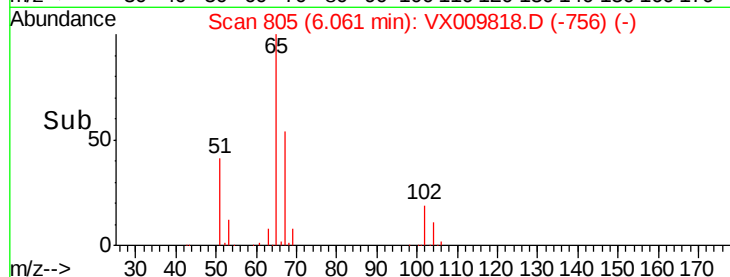
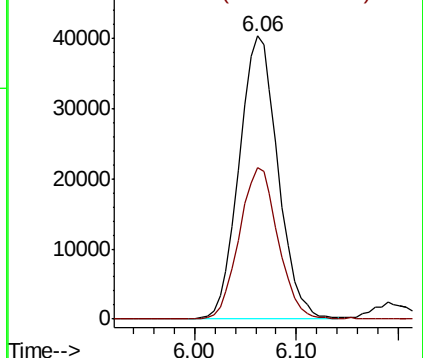
65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

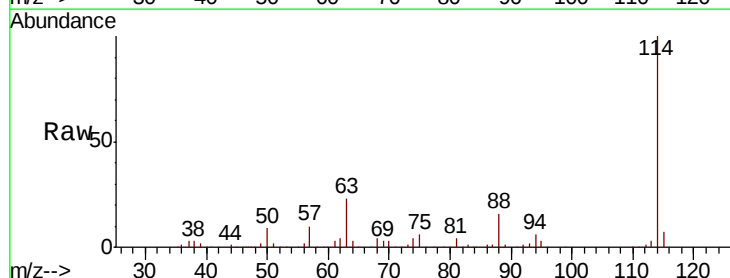
Tgt Ion: 114 Resp: 282652

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

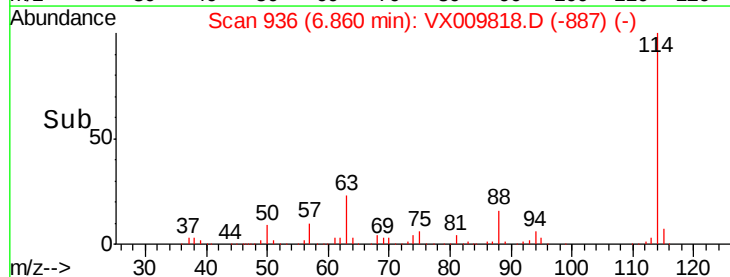
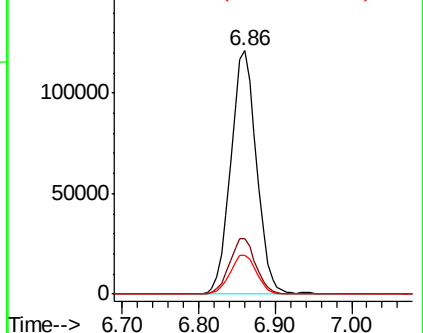
88 16.2 0.0 33.2

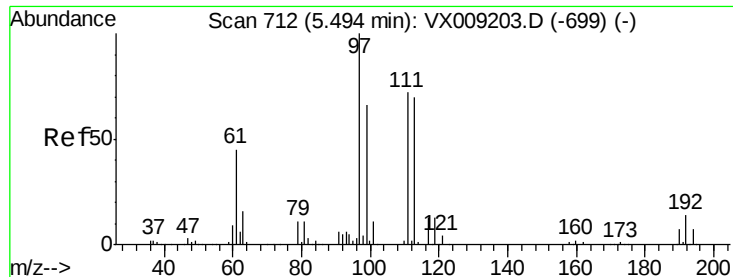


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

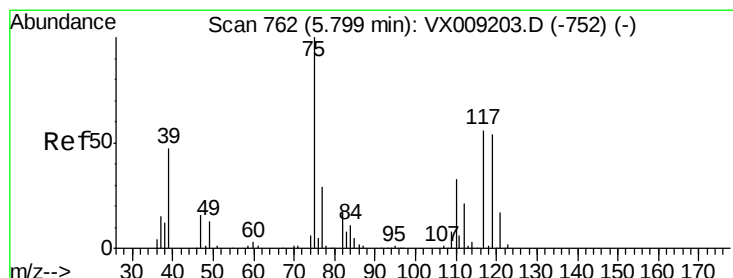
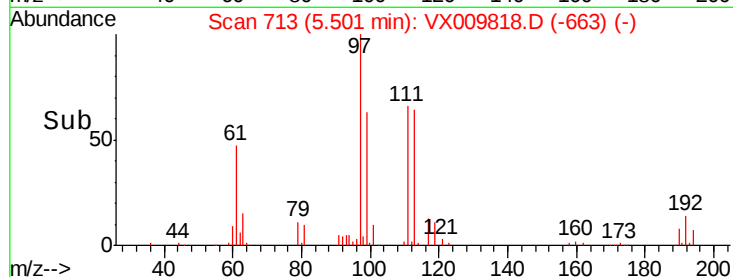
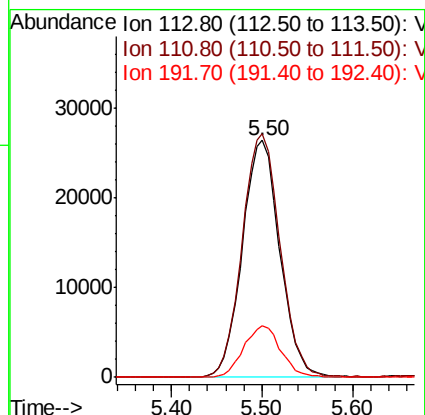
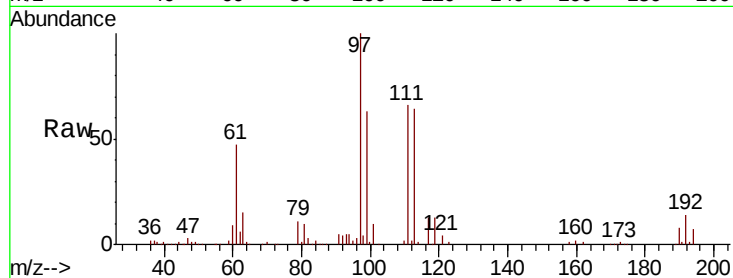




#35
 Dibromofluoromethane
 Concen: 42.477 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

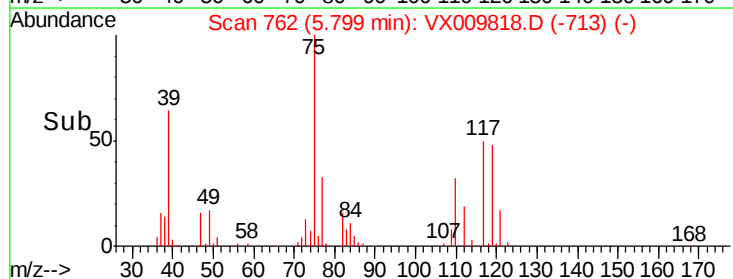
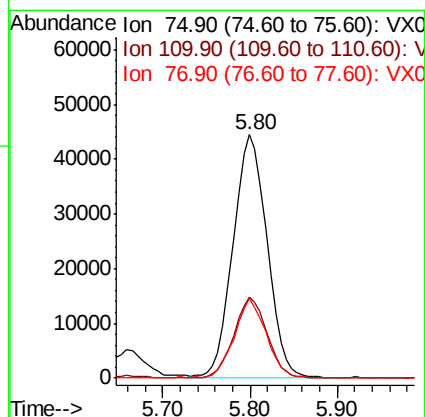
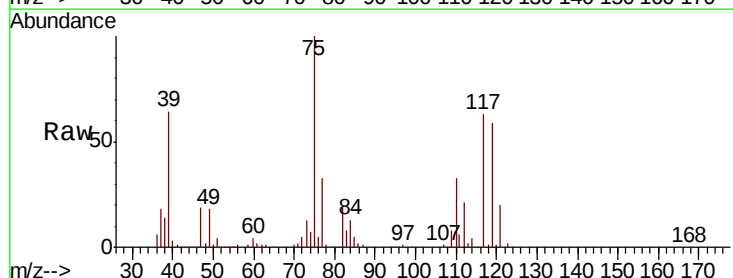
Instrument :
 MSVOA_X
 ClientSampleId :

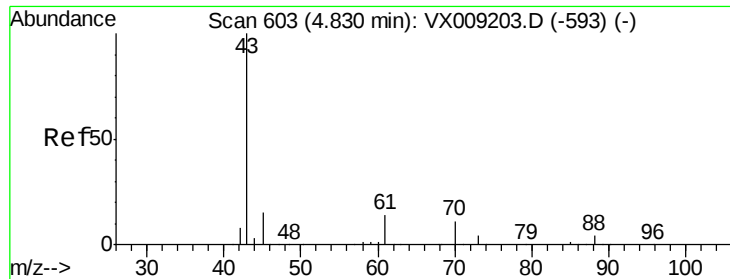
Tot Ion:113 Resp: 75476
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.8 124.2
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 45.501 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion: 75 Resp: 119519
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.9 50.6
 77 31.3 24.8 37.2

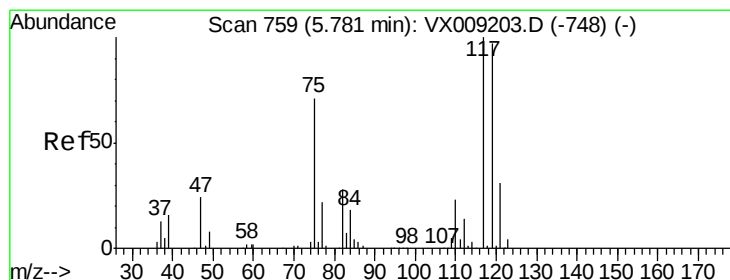
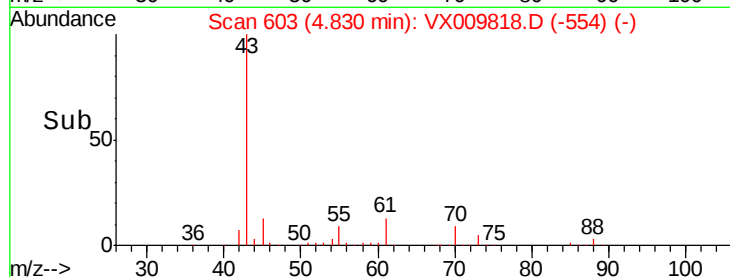
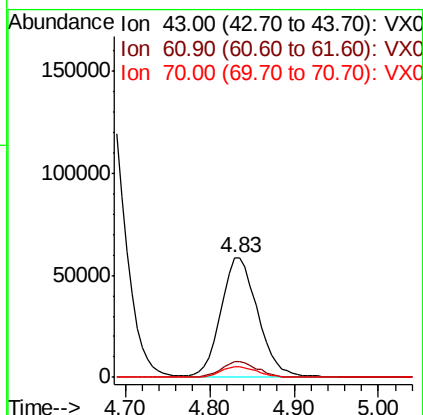
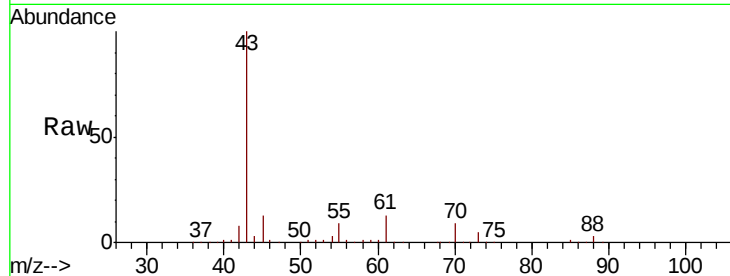




#37
Ethyl Acetate
Concen: 47.523 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

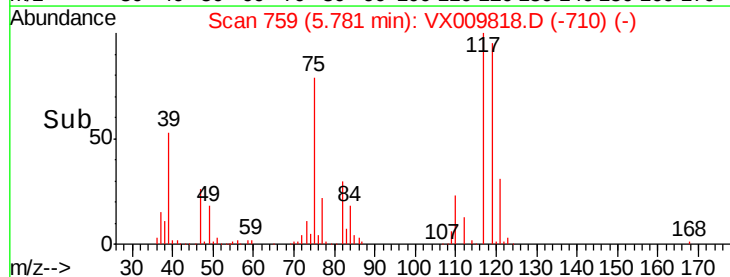
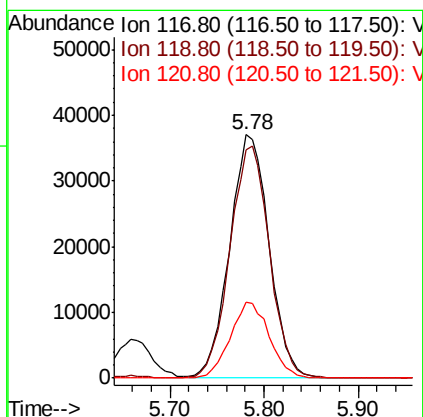
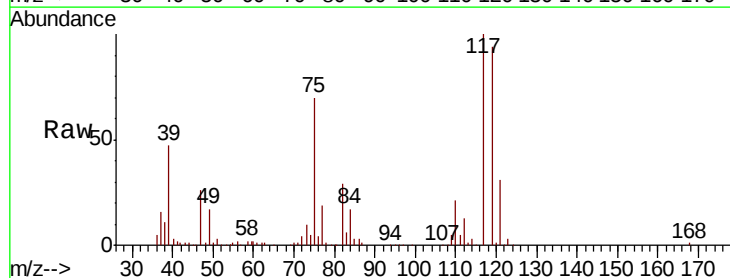
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 173924
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 45.295 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 117 Resp: 108099
Ion Ratio Lower Upper
117 100
119 93.5 77.5 116.3
121 31.2 24.7 37.1

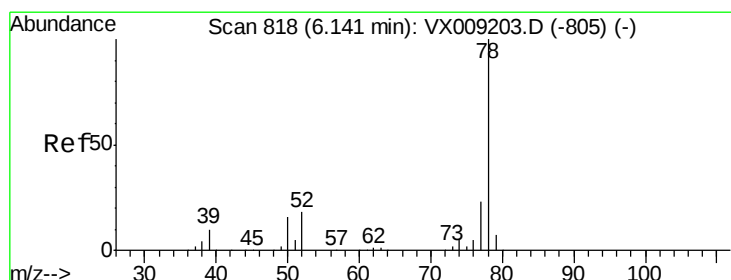
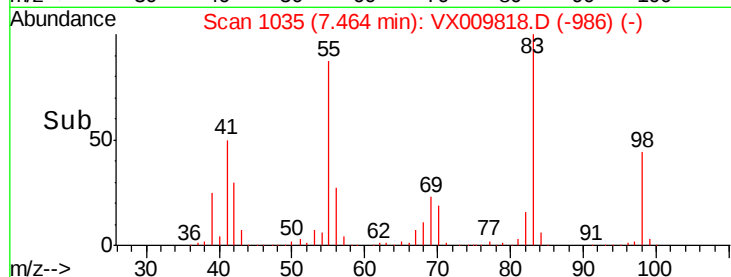
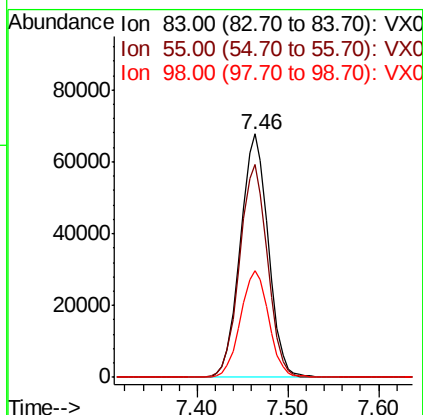
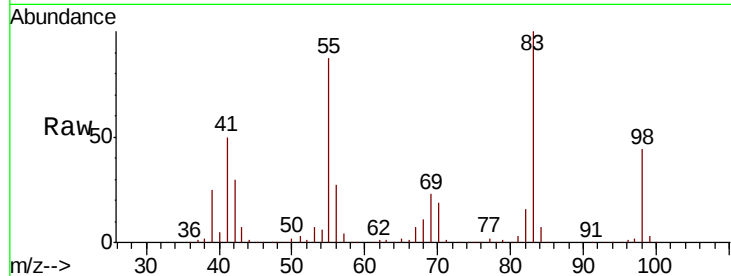




#39
Methvlcvclohexane
Concen: 44.786 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

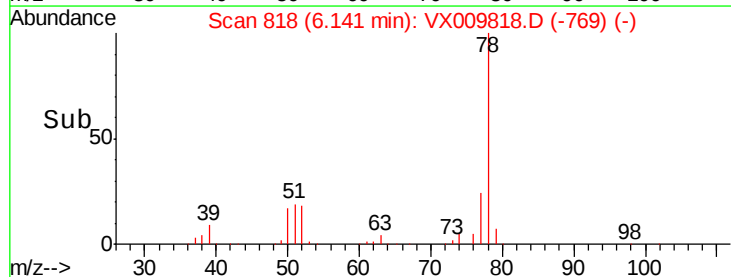
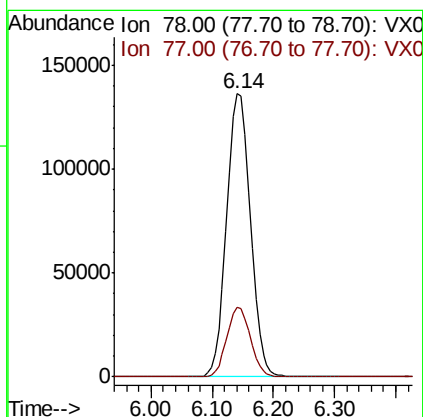
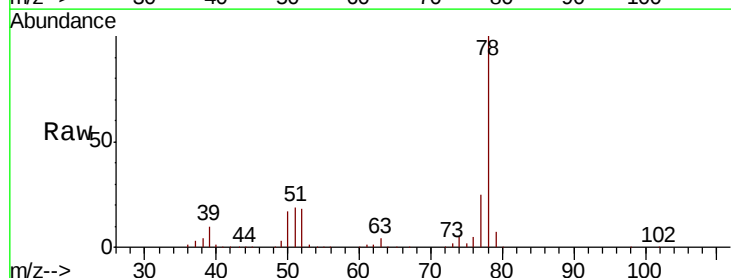
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 144475
Ion Ratio Lower Upper
83 100
55 87.1 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 44.961 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 78 Resp: 365503
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2





#41

Methacrylonitrile

Concen: 45.868 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 99927

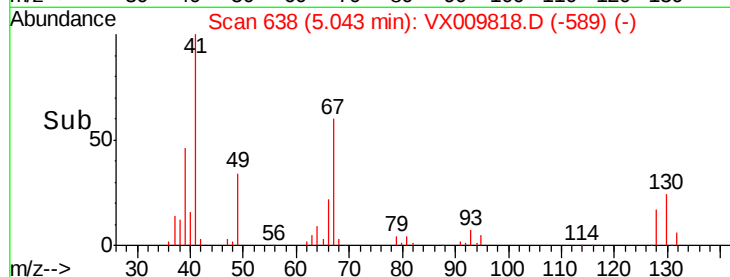
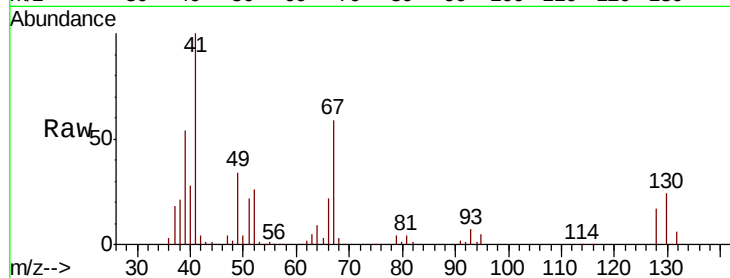
Ion Ratio Lower Upper

41 100

39 53.1 42.0 63.0

67 60.1 49.8 74.8

52 25.8 20.3 30.5

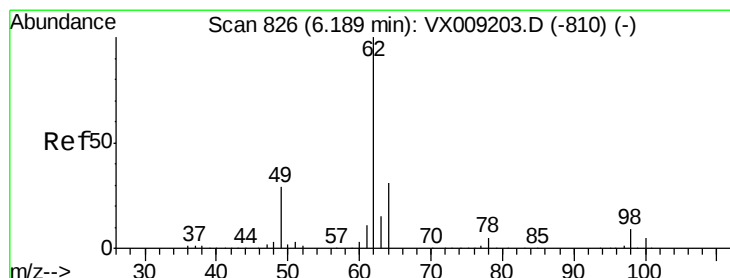
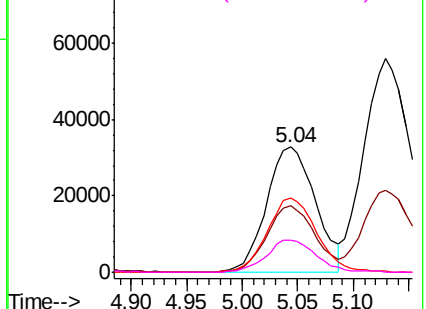


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.199 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009818.D

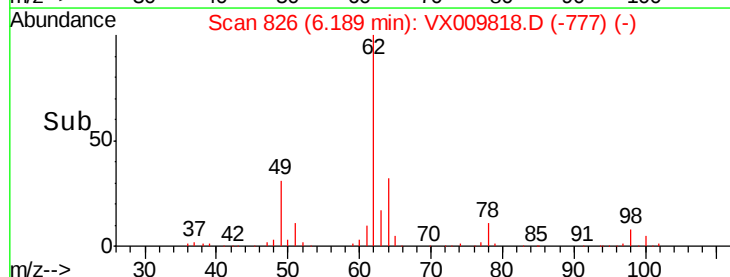
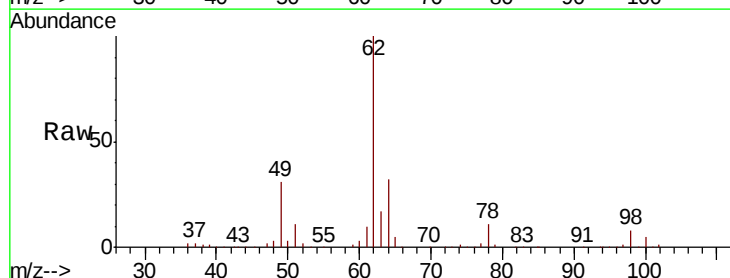
Acq: 22 May 2019 21:24

Tgt Ion: 62 Resp: 134720

Ion Ratio Lower Upper

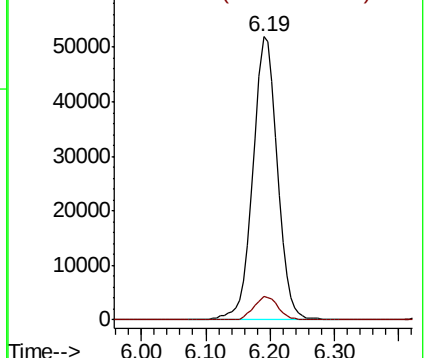
62 100

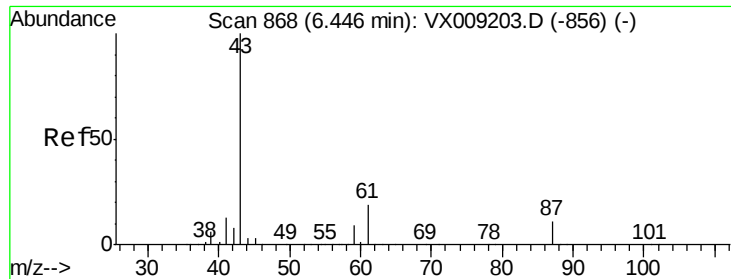
98 8.2 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



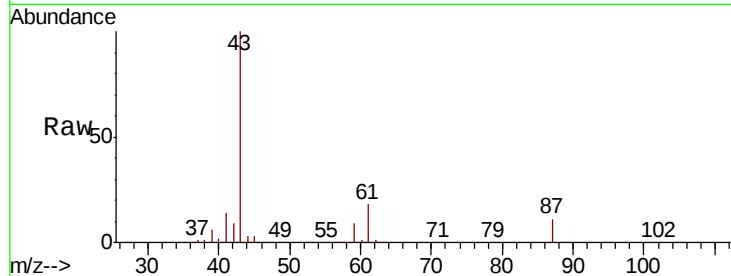


#43

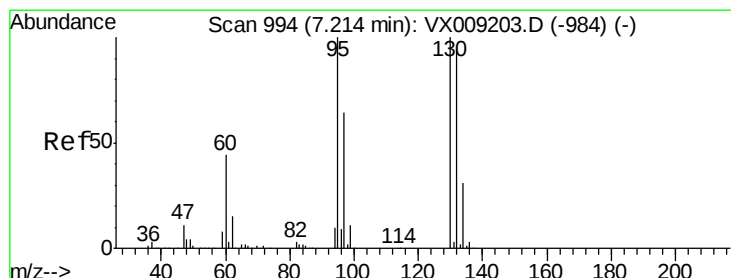
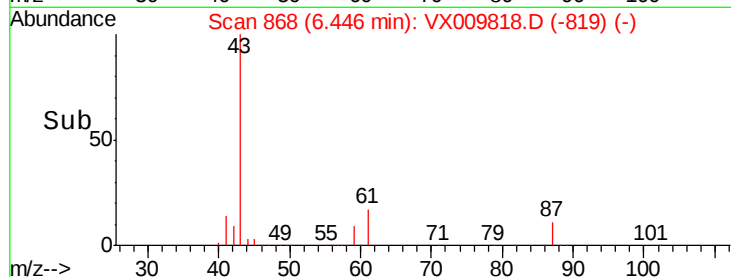
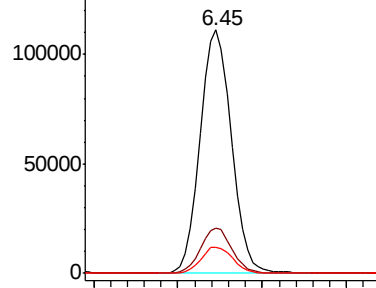
Isopropyl Acetate
 Concen: 47.720 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	279355
Ion Ratio	Lower	Upper	
43	100		
61	18.6	15.1	22.7
87	10.8	9.0	13.6



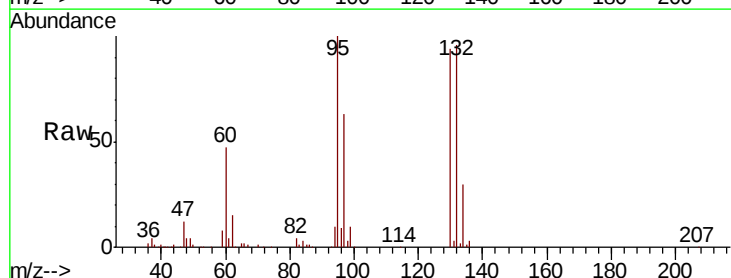
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



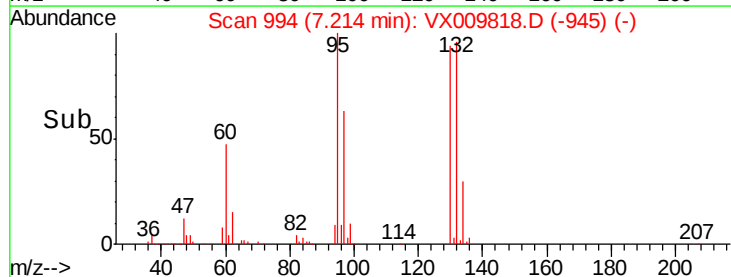
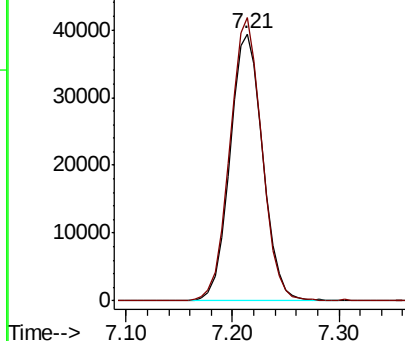
#44

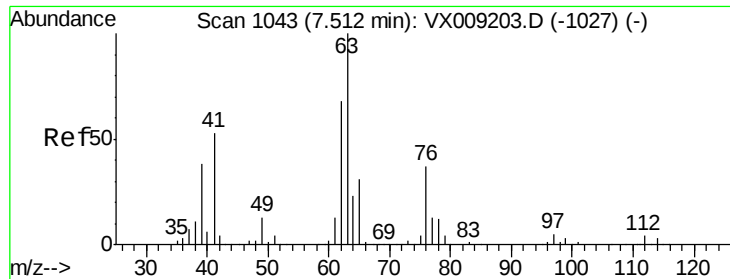
Trichloroethene
 Concen: 43.161 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion	130	Resp	84822
Ion Ratio	Lower	Upper	
130	100		
95	105.8	0.0	199.2



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





#45

1,2-Dichloropropane

Concen: 45.255 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

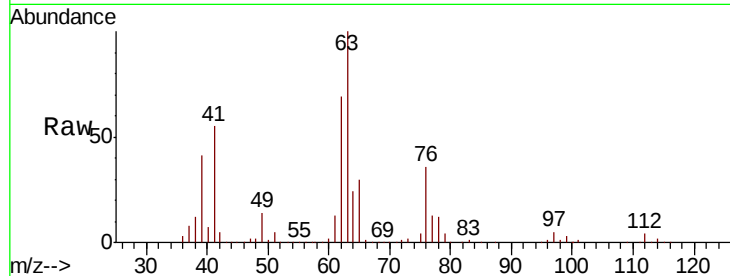
ClientSampled :

Tot Ion: 63 Resp: 104172

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

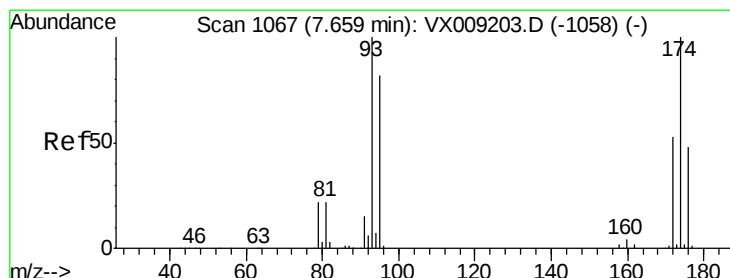
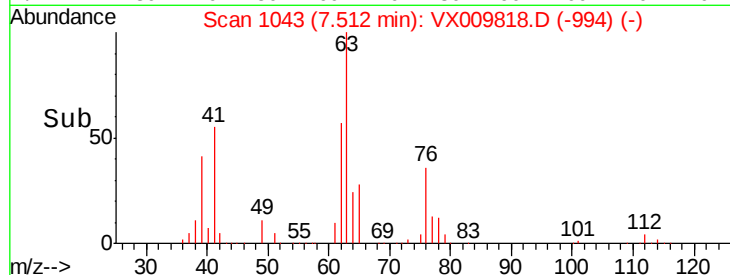
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 44.197 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

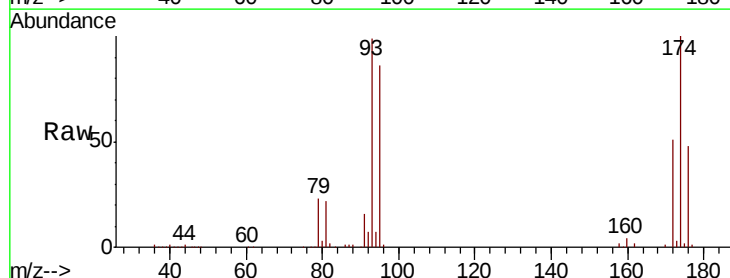
Tgt Ion: 93 Resp: 59079

Ion Ratio Lower Upper

93 100

95 84.2 66.5 99.7

174 103.8 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

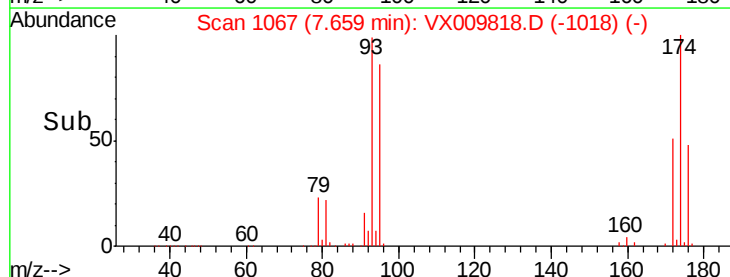
20000

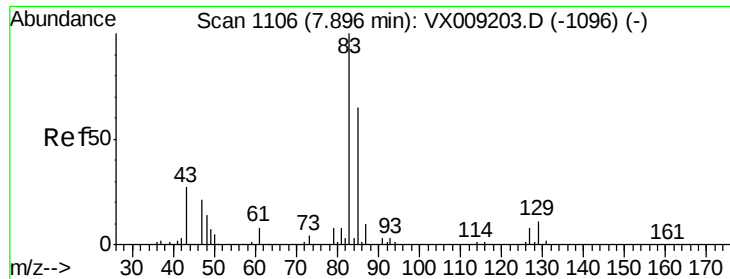
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 44.893 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

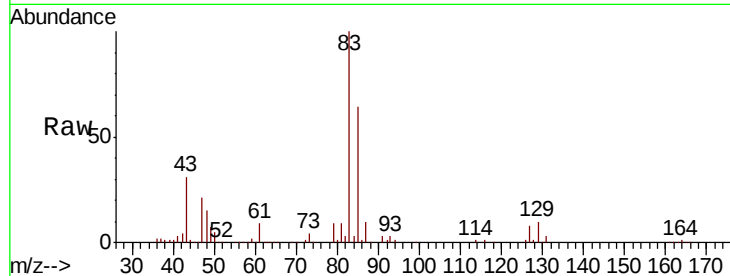
Tot Ion: 83 Resp: 119704

Ion Ratio Lower Upper

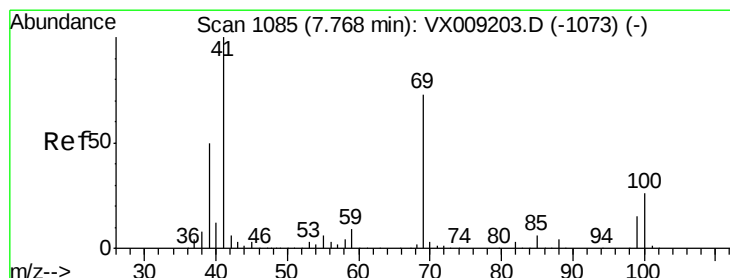
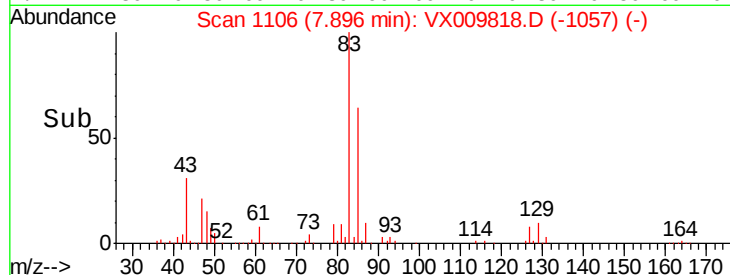
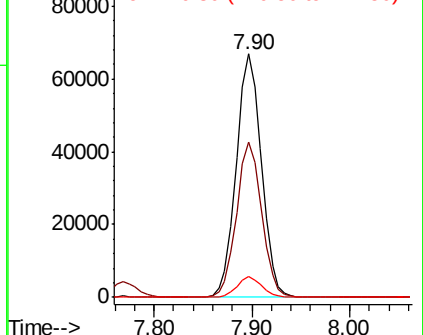
83 100

85 63.9 52.4 78.6

127 8.5 6.6 10.0



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



#48

Methyl methacrylate

Concen: 48.425 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

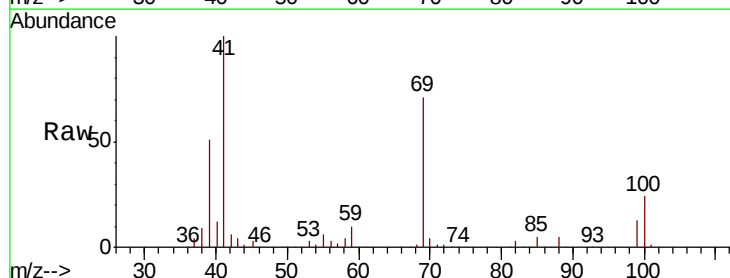
Tgt Ion: 41 Resp: 140643

Ion Ratio Lower Upper

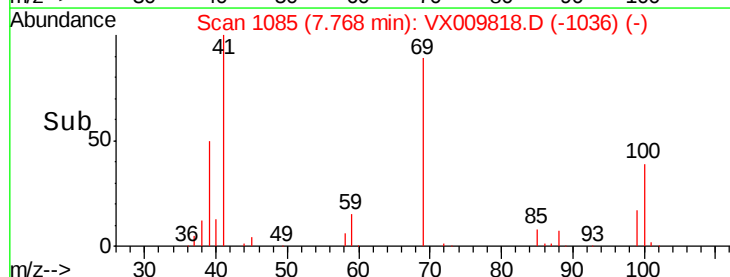
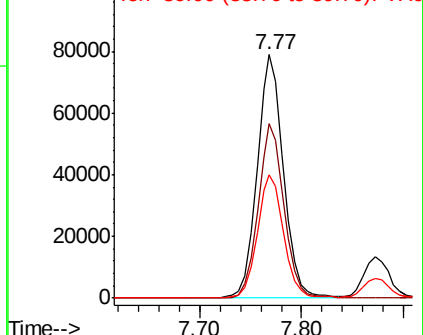
41 100

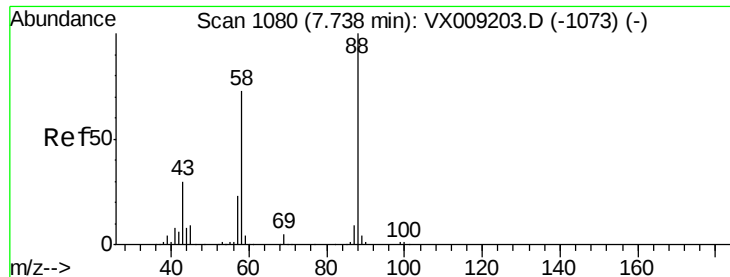
69 70.9 59.1 88.7

39 50.5 40.4 60.6



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

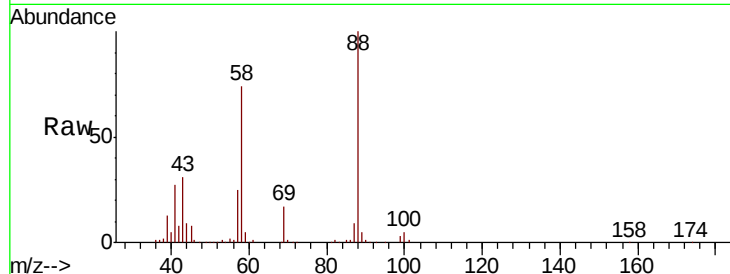




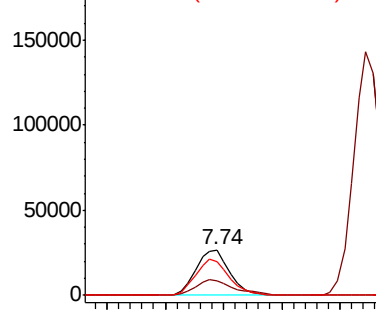
#49
1,4-Dioxane
Concen: 915.711 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :

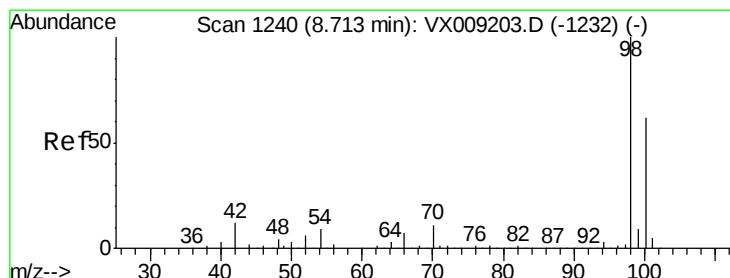
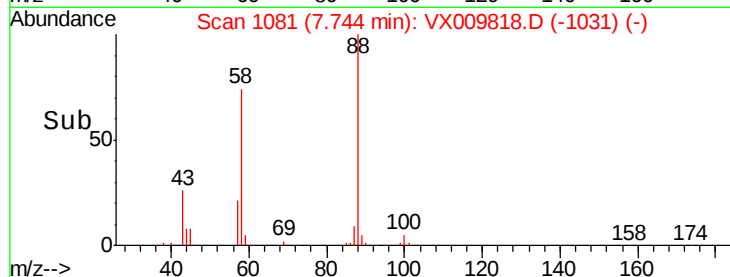
Tot Ion: 88 Resp: 53935
Ion Ratio Lower Upper
88 100
43 37.1 28.6 42.8
58 79.9 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

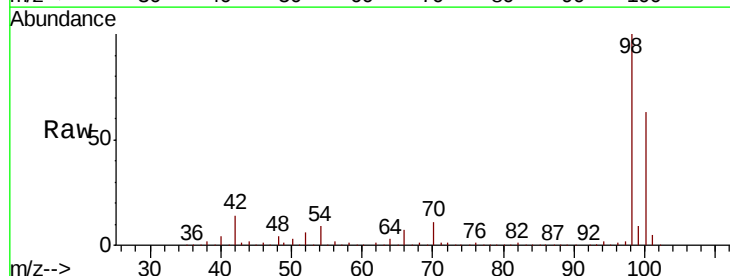


Time-->

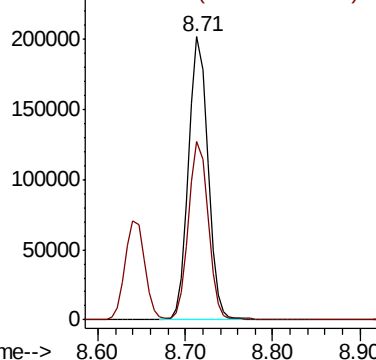


#50
Toluene-d8
Concen: 43.371 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

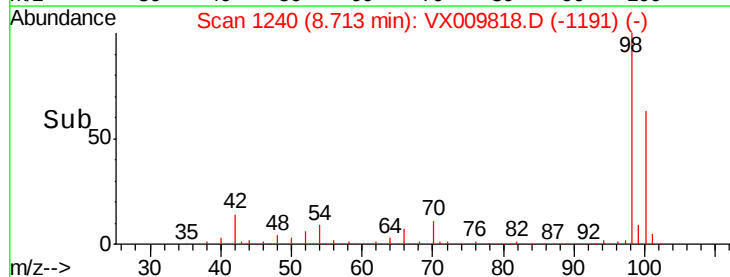
Tgt Ion: 98 Resp: 311128
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

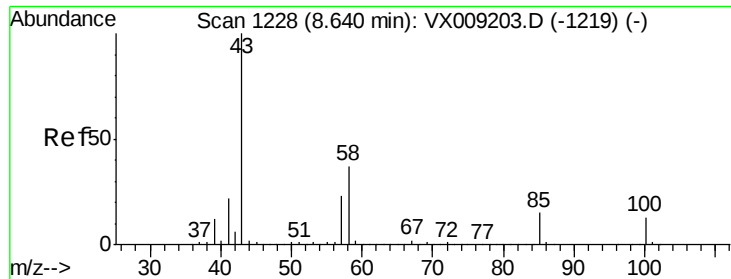


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 245.128 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

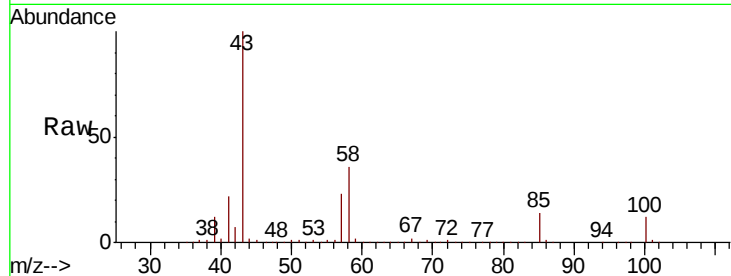
ClientSampleId :

Tot Ion: 43 Resp: 937939

Ion Ratio Lower Upper

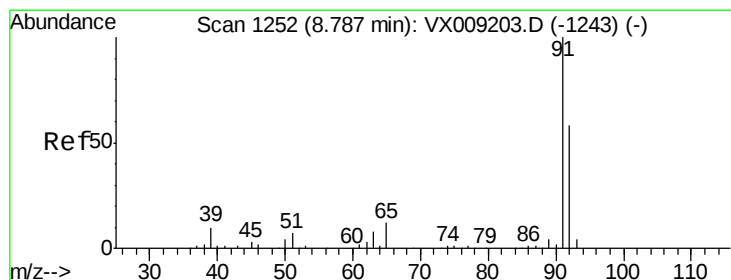
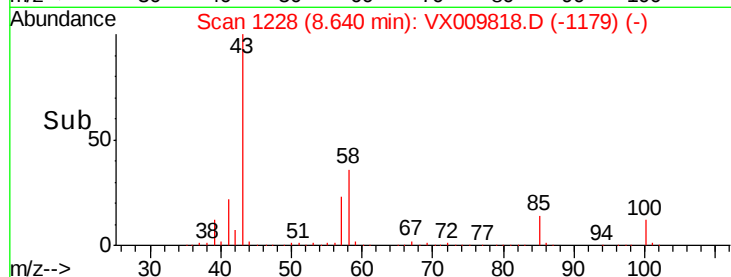
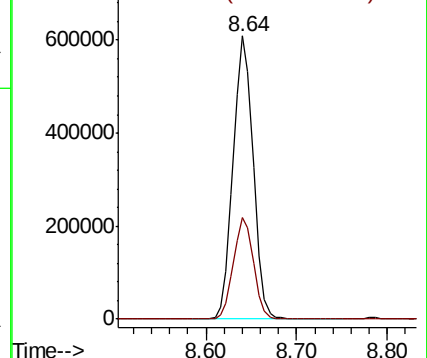
43 100

58 35.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.156 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009818.D

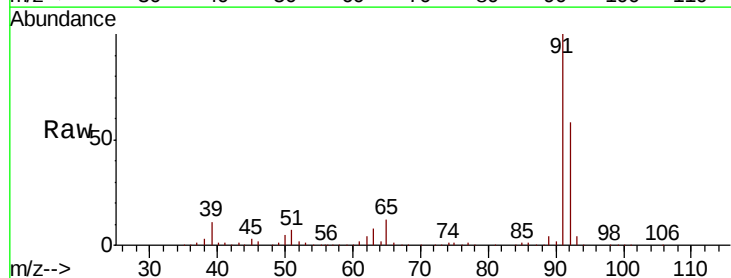
Acq: 22 May 2019 21:24

Tgt Ion: 92 Resp: 223143

Ion Ratio Lower Upper

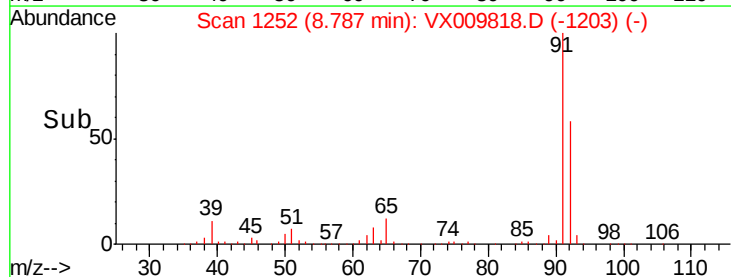
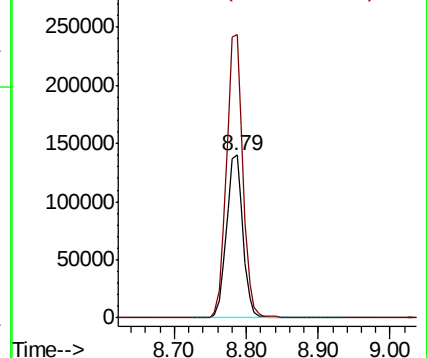
92 100

91 173.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

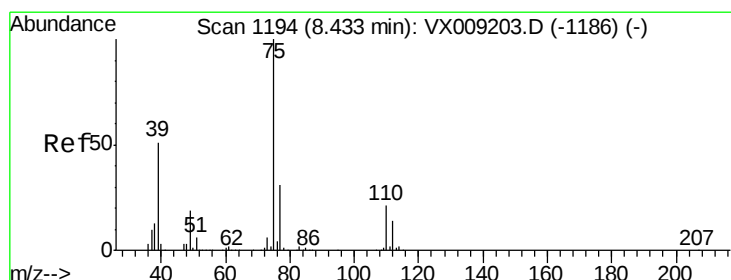
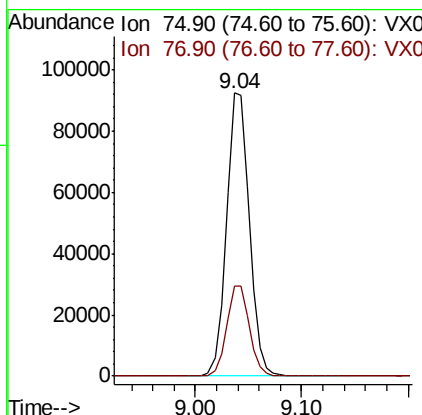
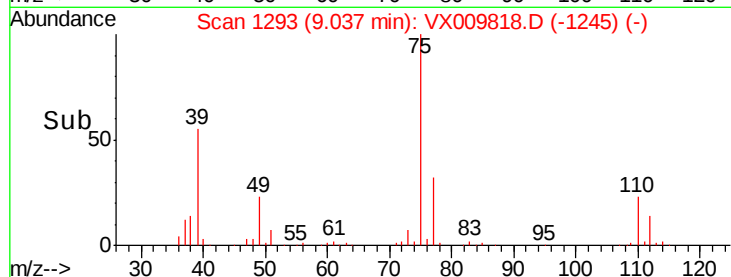
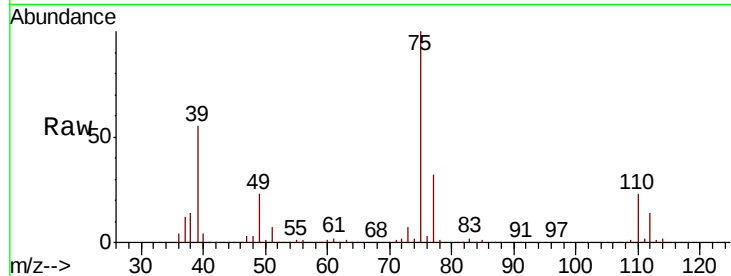




#53
 t-1,3-Dichloropropene
 Concen: 46.191 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

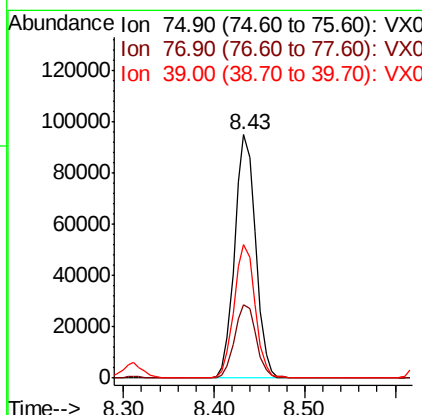
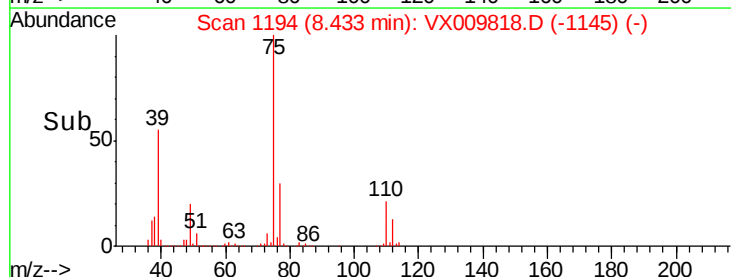
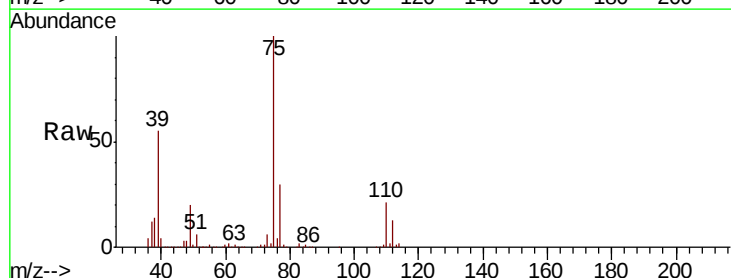
Instrument :
 MSVOA_X
 ClientSampleId :

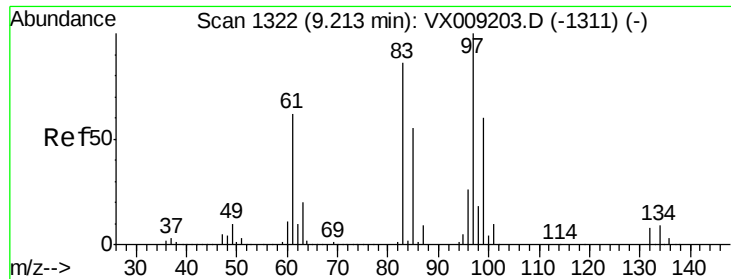
Tot Ion: 75 Resp: 139054
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 45.792 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion: 75 Resp: 152580
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8
 39 54.6 40.6 60.8

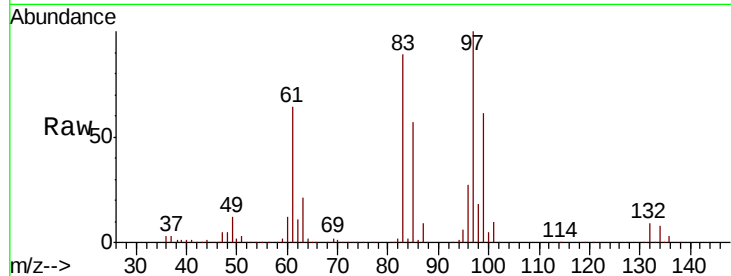




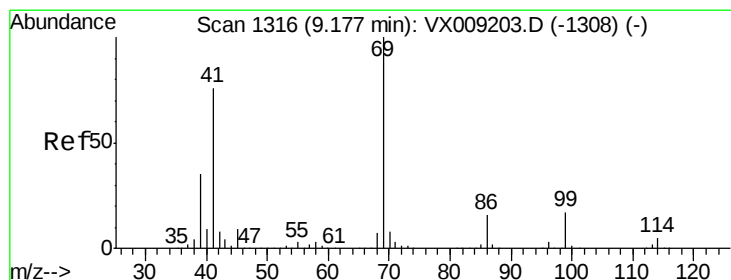
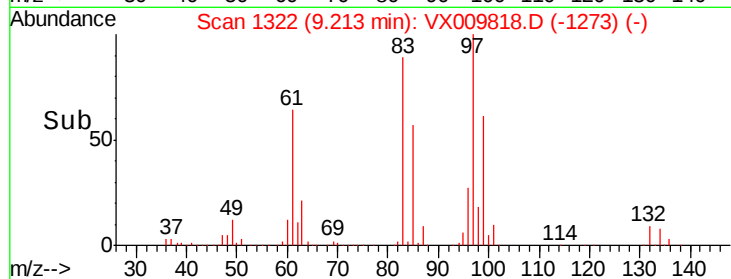
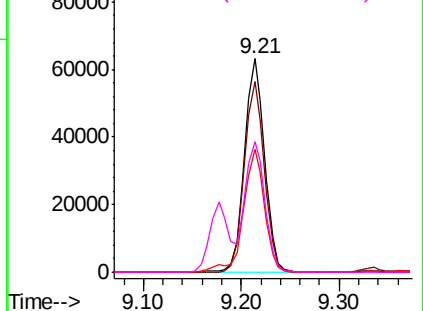
#55
 1,1,2-Trichloroethane
 Concen: 44.771 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	90259
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.9	103.3
85	57.3	43.8	65.6
99	61.4	48.2	72.2

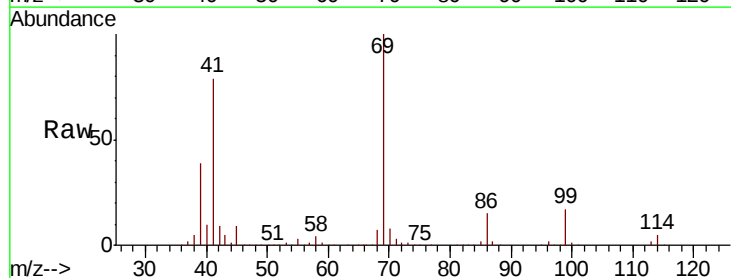


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

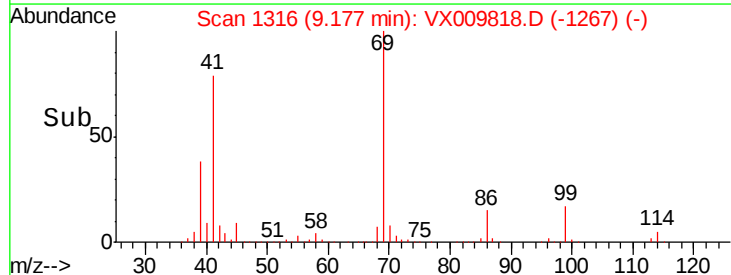
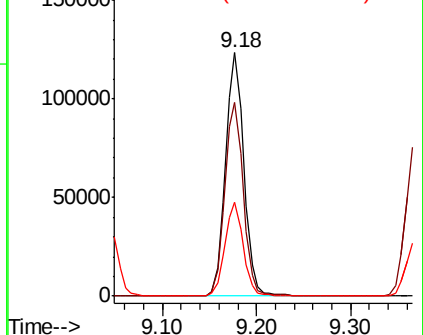


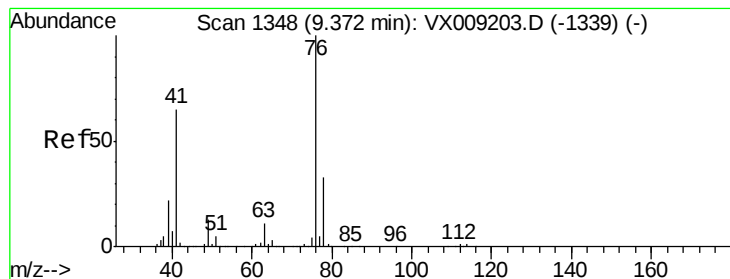
#56
 Ethyl methacrylate
 Concen: 46.515 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion:	69	Resp:	167393
Ion	Ratio	Lower	Upper
69	100		
41	79.7	60.6	90.8
39	38.5	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 44.599 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

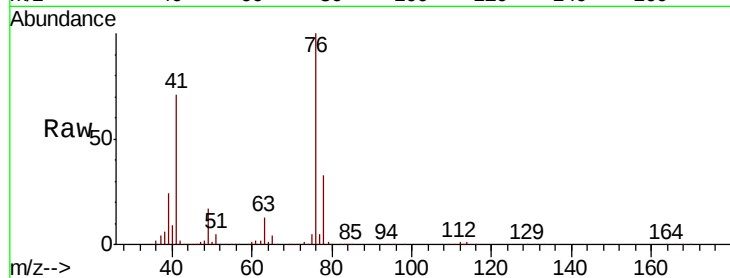
ClientSampled :

Tot Ion: 76 Resp: 158224

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

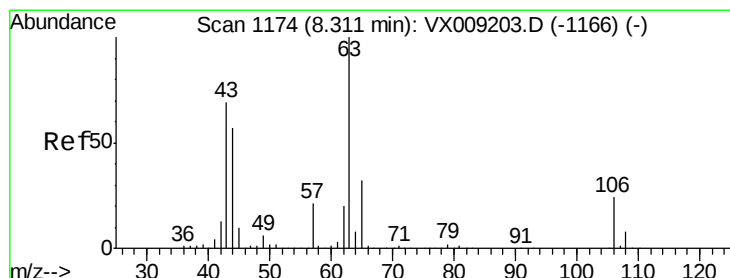
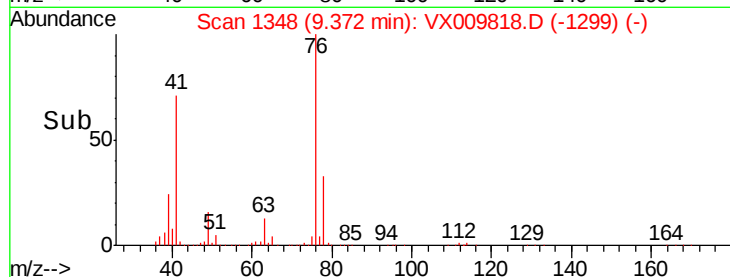
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.497 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009818.D

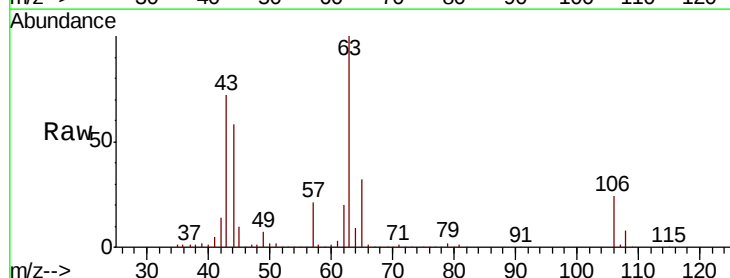
Acq: 22 May 2019 21:24

Tgt Ion: 63 Resp: 426678

Ion Ratio Lower Upper

63 100

106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

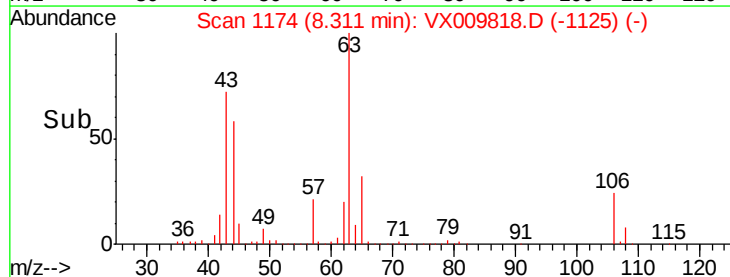
150000

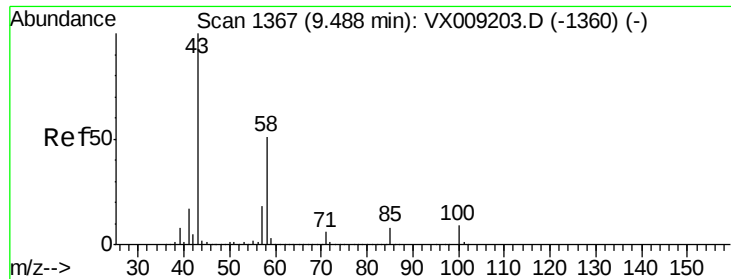
100000

50000

0

Time-->

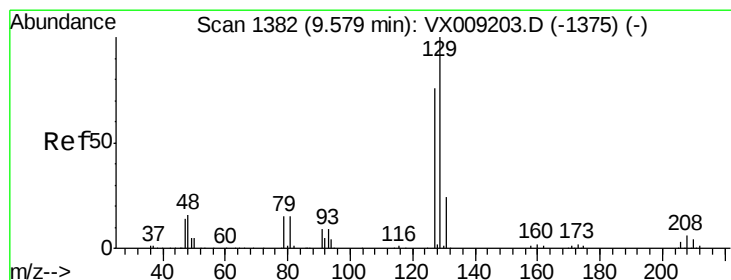
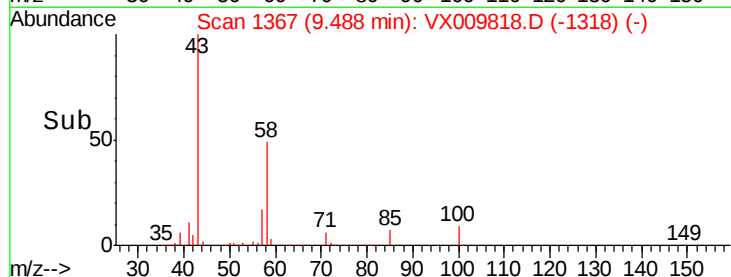
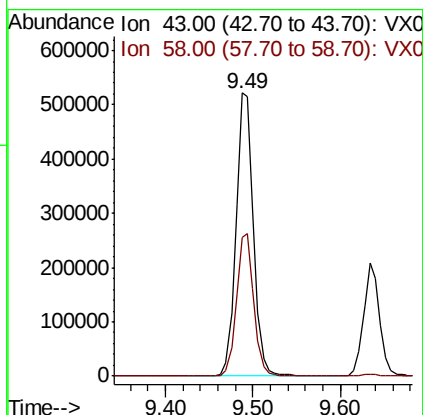
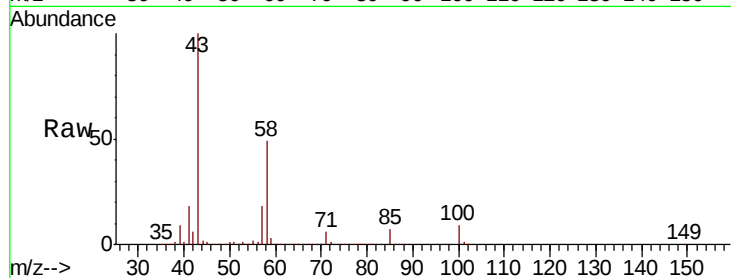




#59
2-Hexanone
Concen: 242.336 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

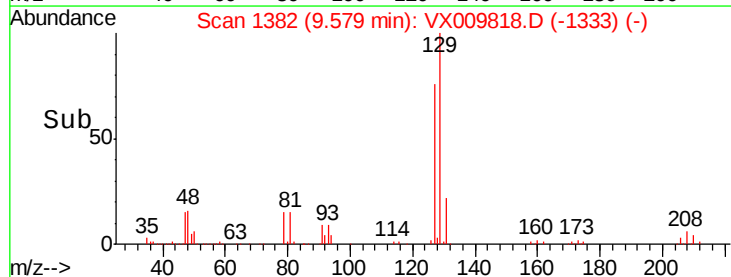
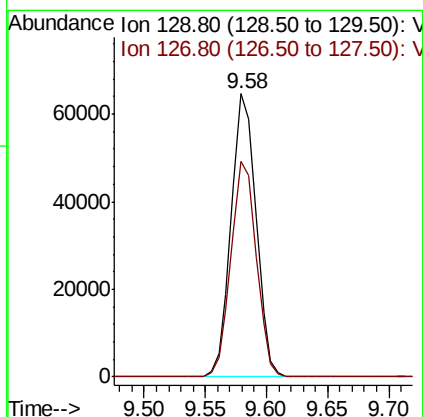
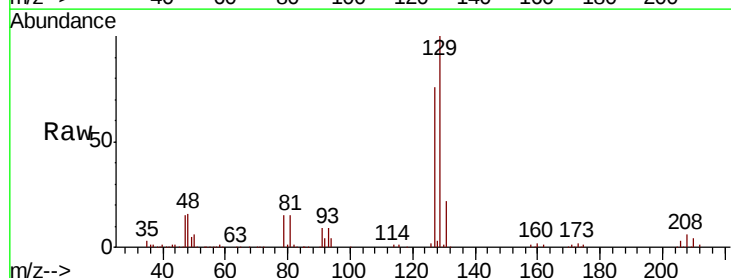
Instrument :
MSVOA_X
ClientSampleId :

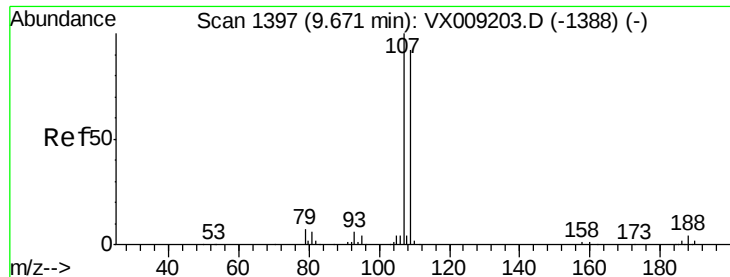
Tot Ion: 43 Resp: 728256
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7



#60
Dibromochloromethane
Concen: 46.342 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 129 Resp: 91247
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1

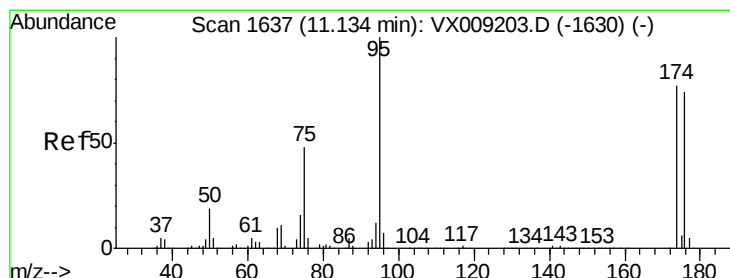
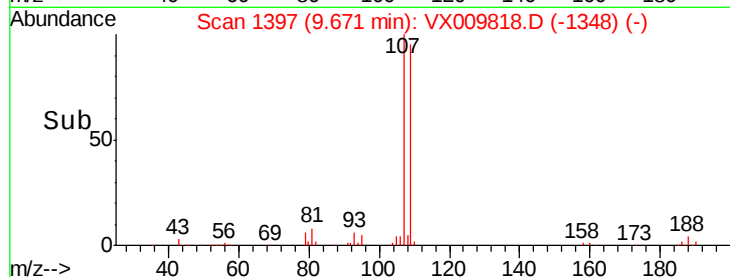
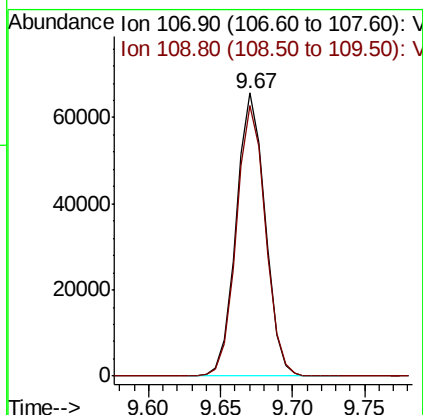
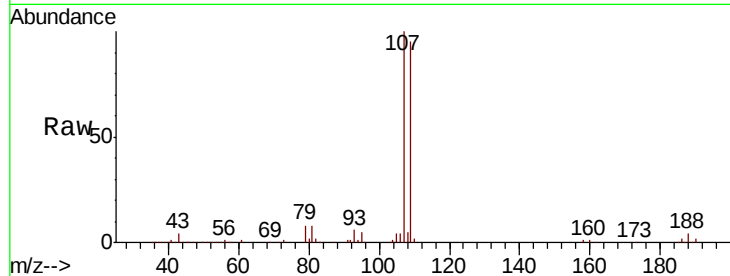




#61
 1,2-Dibromoethane
 Concen: 45.190 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

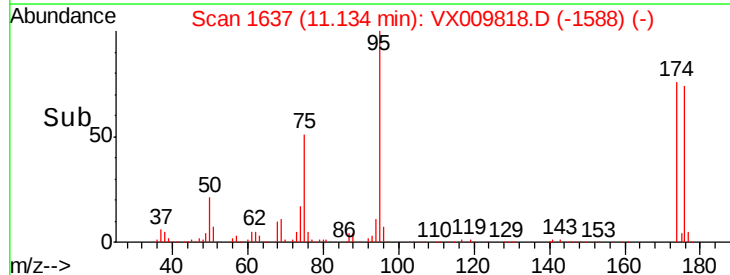
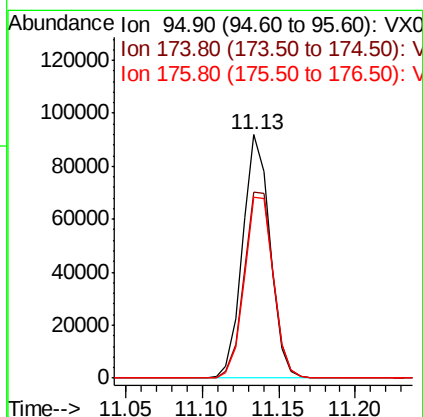
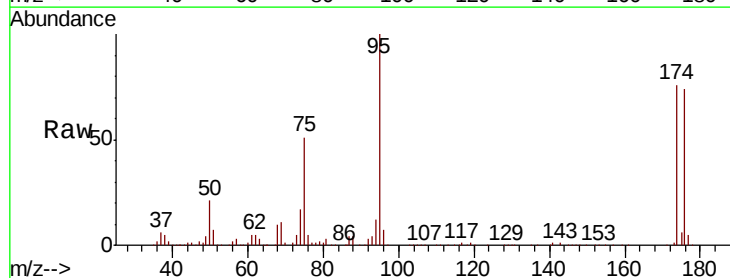
Instrument :
 MSVOA_X
 ClientSampleId :

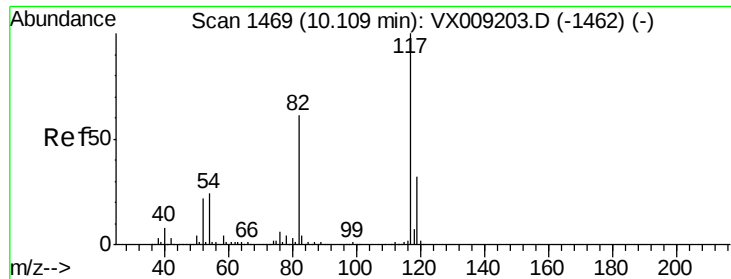
Tot Ion:107 Resp: 91964
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 43.778 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion: 95 Resp: 114114
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 161.6
 176 78.5 0.0 159.2

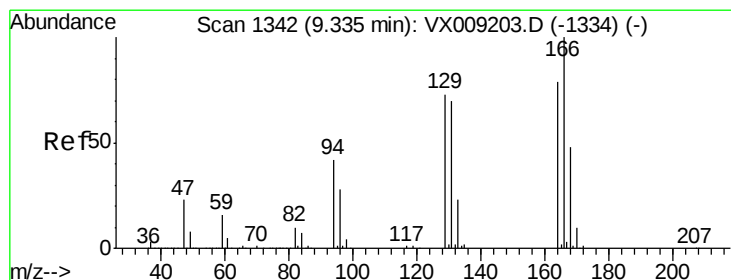
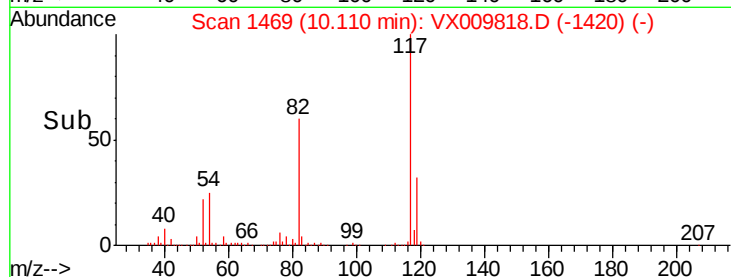
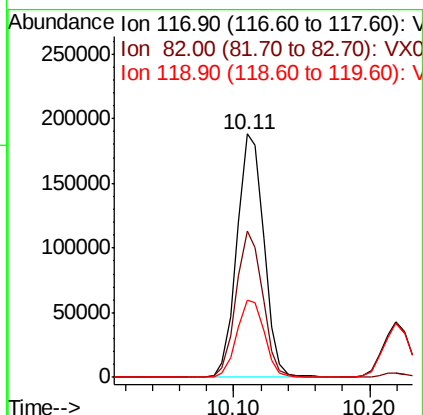
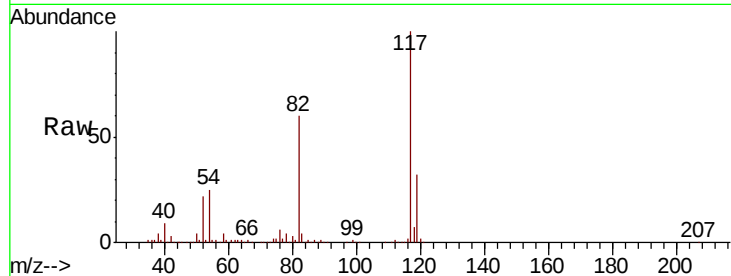




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

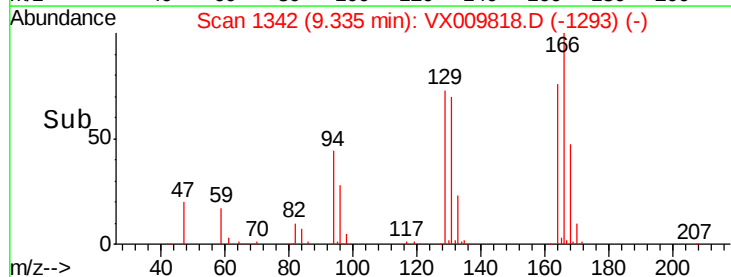
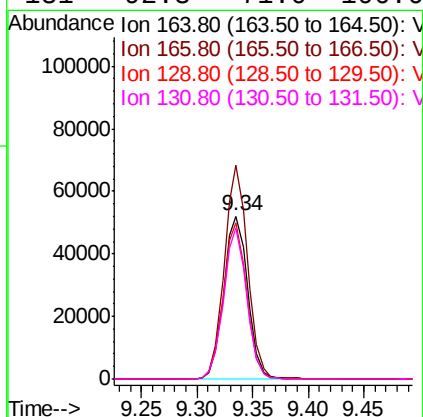
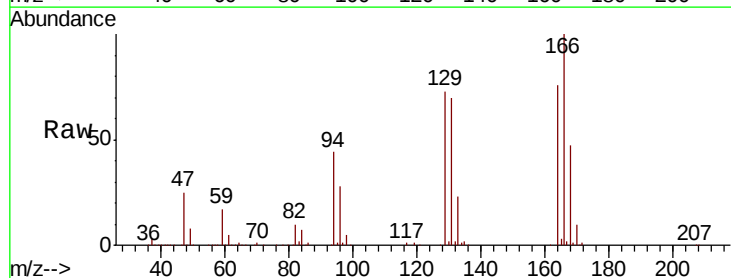
Instrument :
MSVOA_X
ClientSampleId :

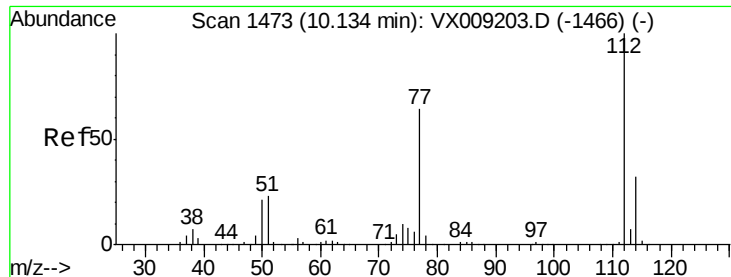
Tot Ion:117 Resp: 260207
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 43.287 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion:164 Resp: 77264
Ion Ratio Lower Upper
164 100
166 131.0 101.2 151.8
129 95.6 74.3 111.5
131 92.3 71.0 106.6

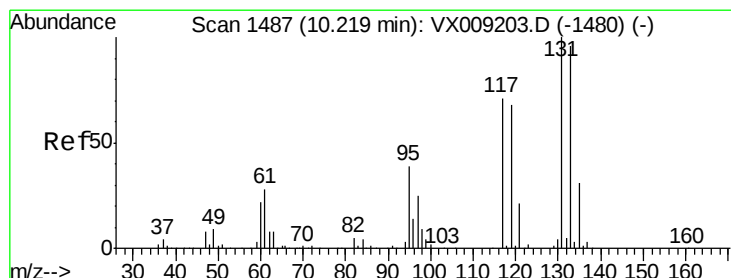
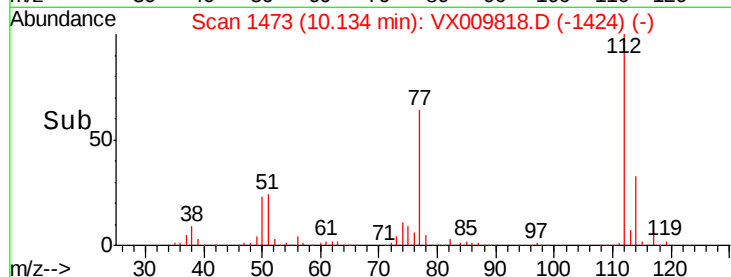
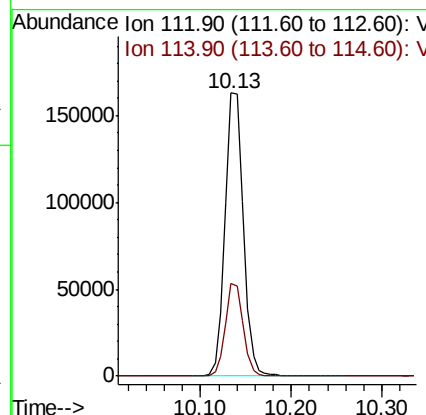
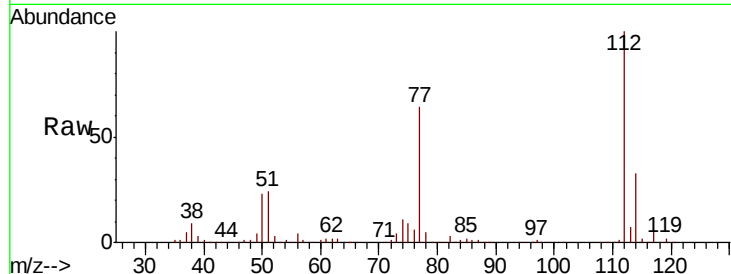




#65
Chlorobenzene
Concen: 44.293 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

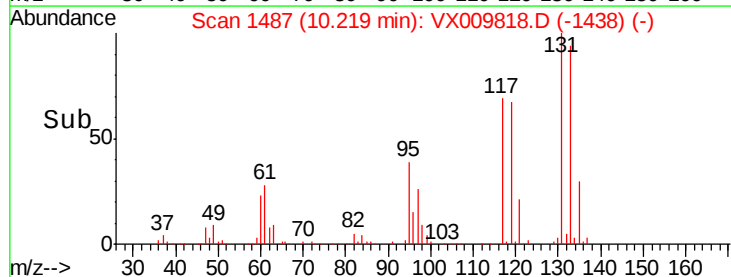
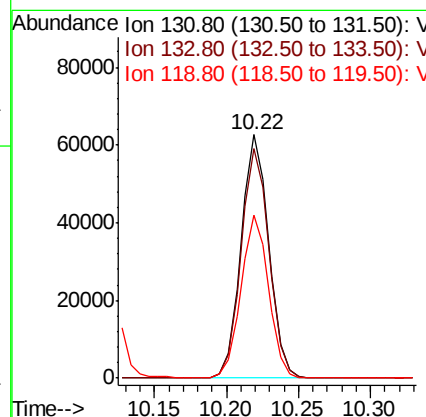
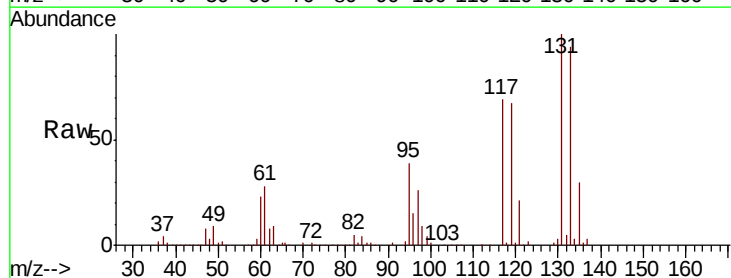
Instrument :
MSVOA_X
ClientSampleId :

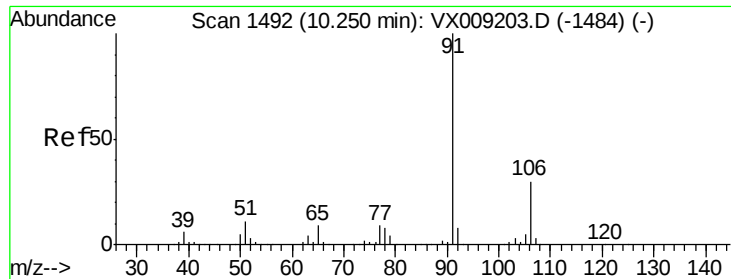
Tot Ion:112 Resp: 230561
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 44.304 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion:131 Resp: 83608
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.6 33.5 100.4

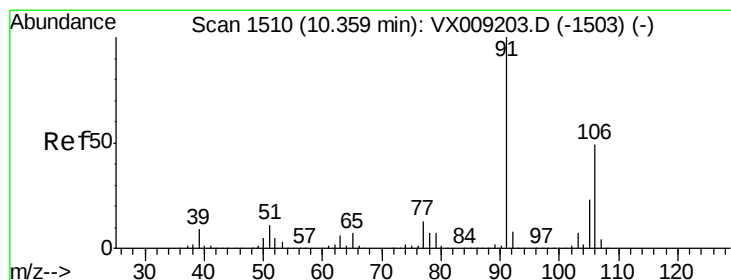
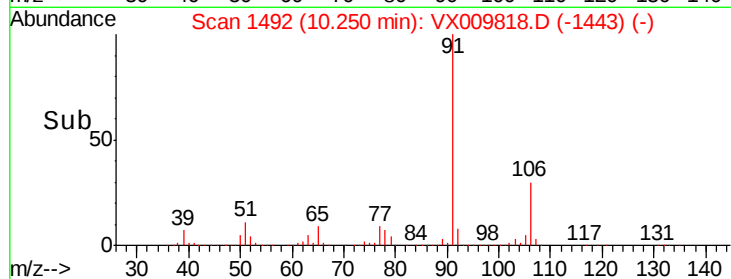
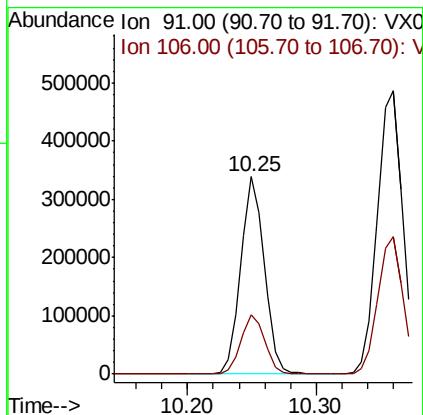
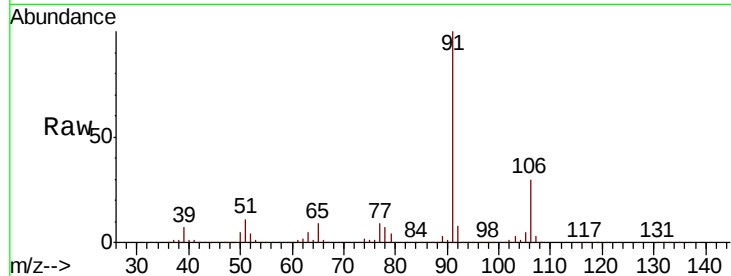




#67
Ethyl Benzene
Concen: 44.986 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

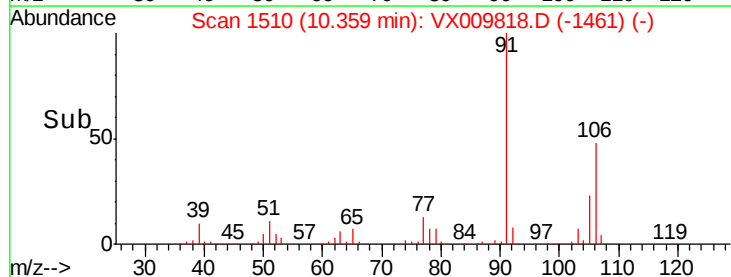
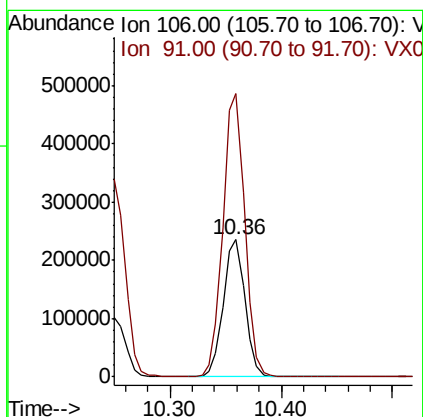
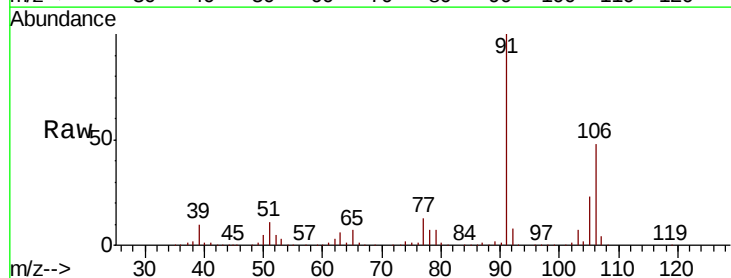
Instrument :
MSVOA_X
ClientSampled :

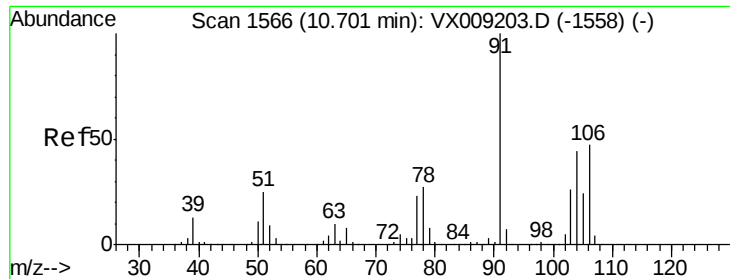
Tot Ion: 91 Resp: 430959
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 90.751 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 106 Resp: 317696
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0

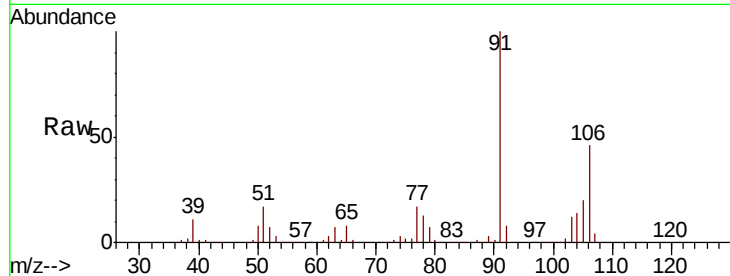




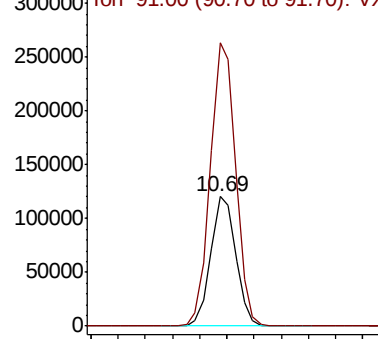
#69
o-Xylene
Concen: 44.716 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Instrument :
MSVOA_X
ClientSampled :

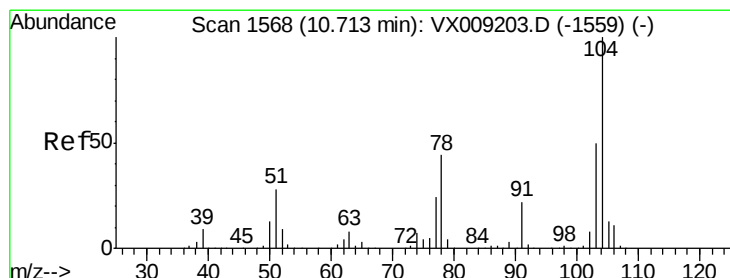
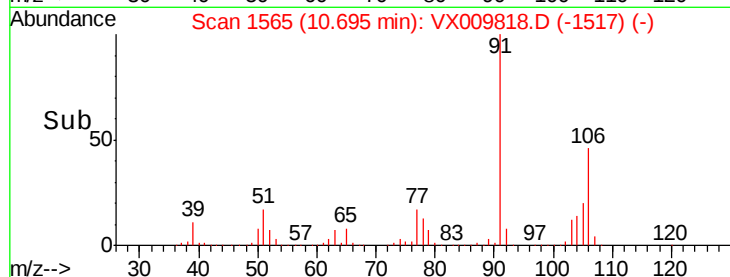
Tot Ion:106 Resp: 154449
Ion Ratio Lower Upper
106 100
91 221.6 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

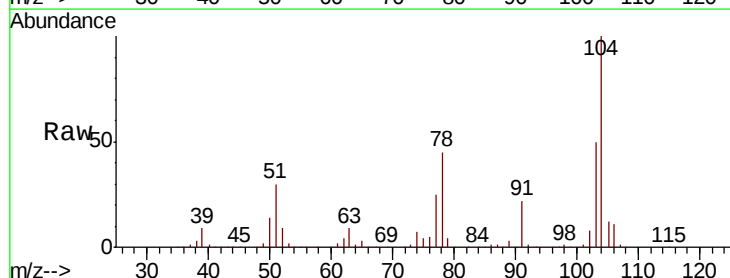


Time--> 10.60 10.70

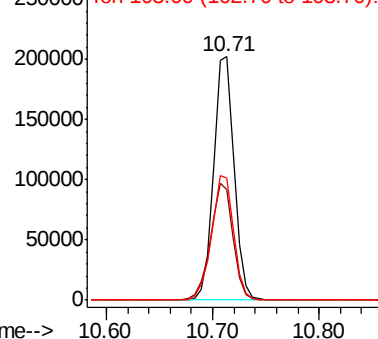


#70
Styrene
Concen: 45.739 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

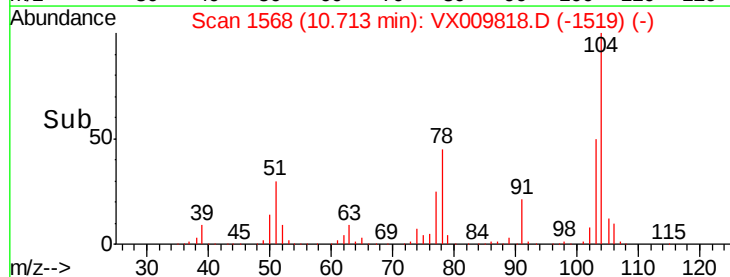
Tgt Ion:104 Resp: 274587
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 55.1 43.8 65.6

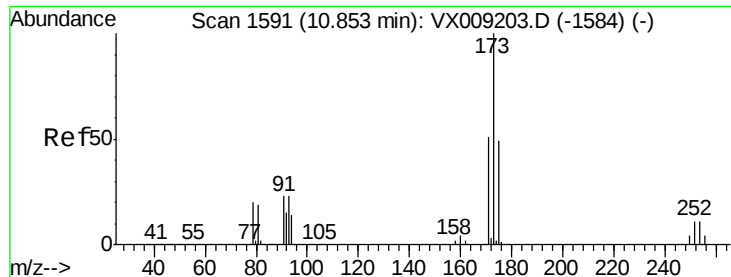


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 45.675 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

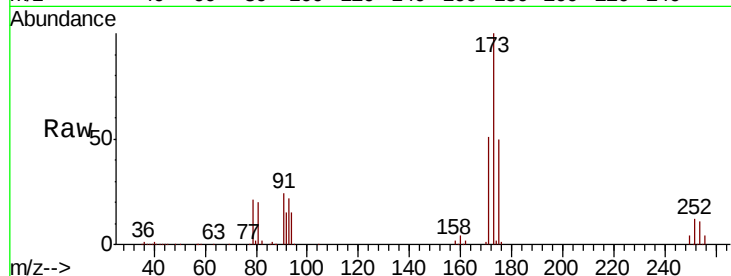
Tot Ion:173 Resp: 70046

Ion Ratio Lower Upper

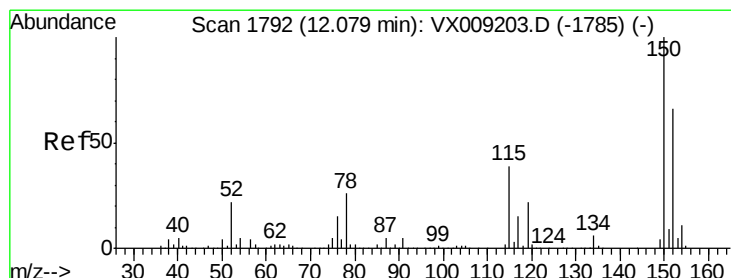
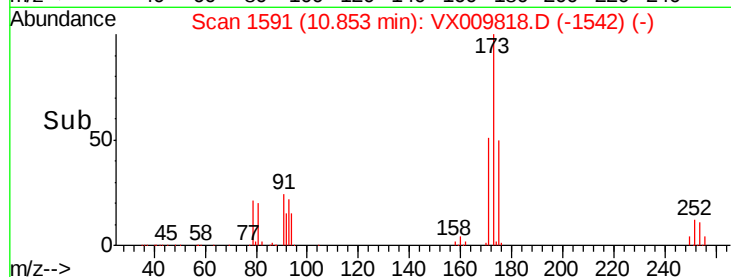
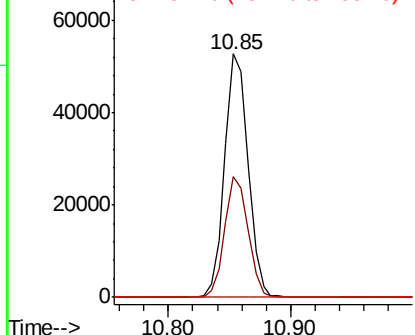
173 100

175 49.5 24.5 73.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

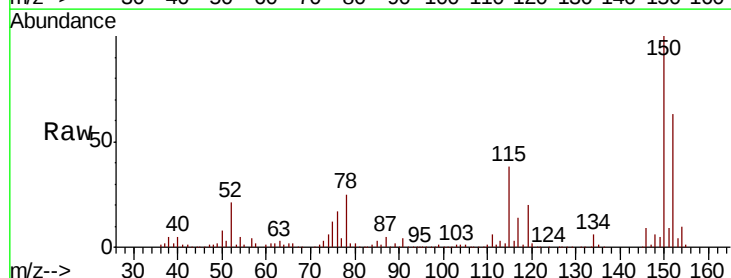
Tgt Ion:152 Resp: 131519

Ion Ratio Lower Upper

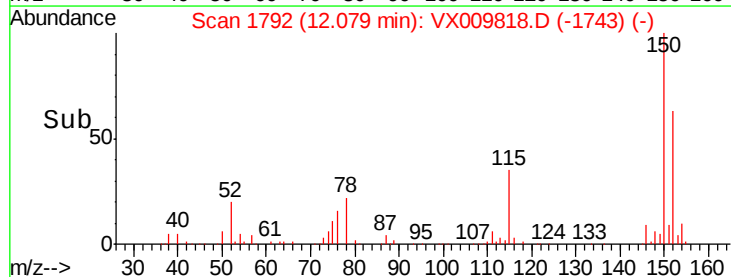
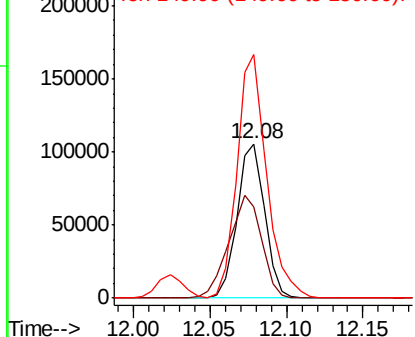
152 100

115 79.2 41.2 123.6

150 169.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 43.413 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

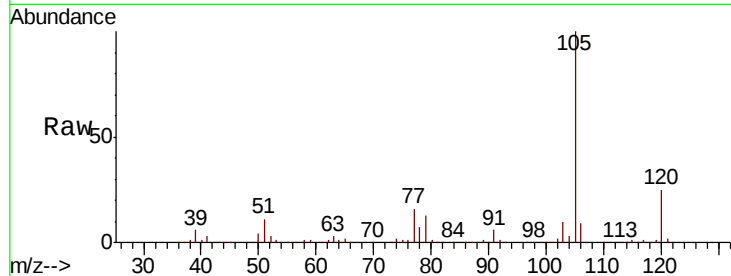
ClientSampleId :

Tot Ion:105 Resp: 415195

Ion Ratio Lower Upper

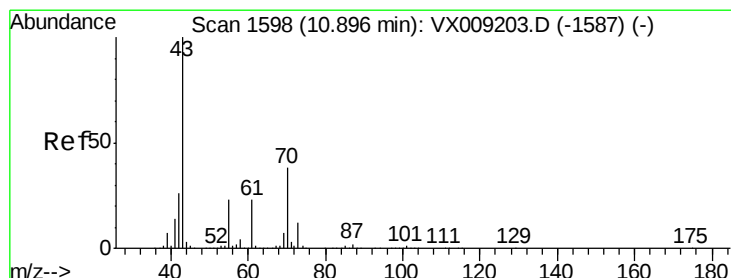
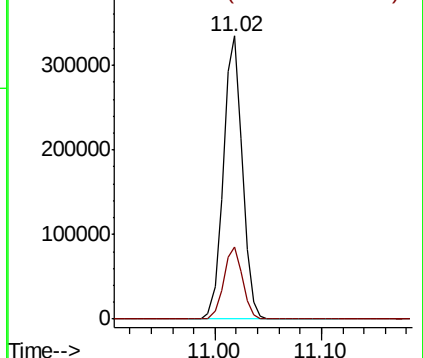
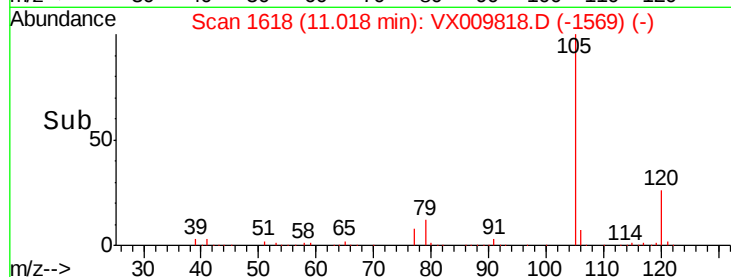
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.653 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Tgt Ion: 43 Resp: 260128

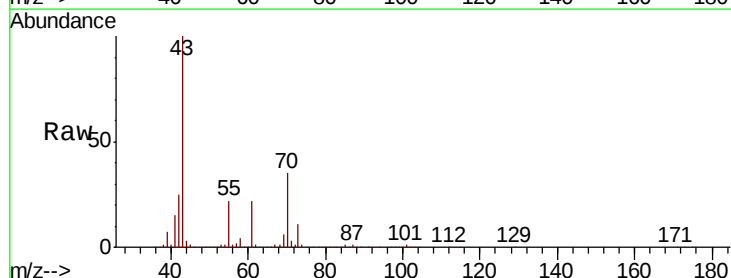
Ion Ratio Lower Upper

43 100

70 35.8 30.0 45.0

55 22.2 17.9 26.9

61 22.0 18.4 27.6

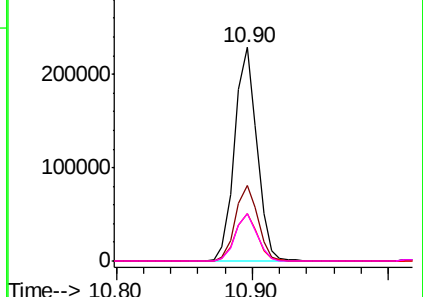
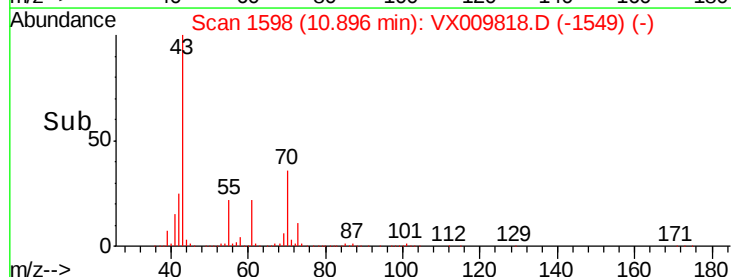


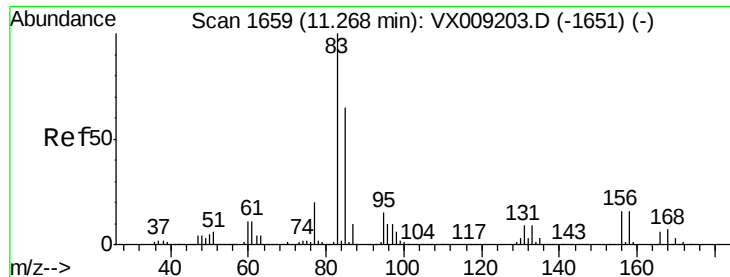
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 43.204 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

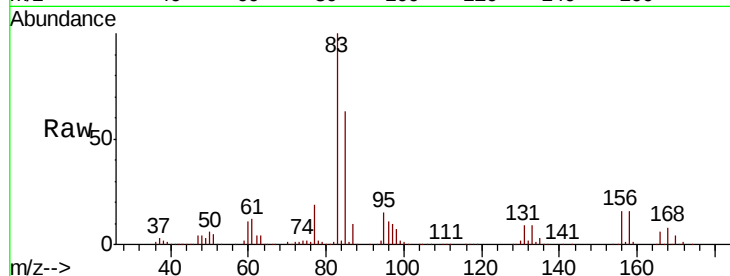
Tot Ion: 83 Resp: 154035

Ion Ratio Lower Upper

83 100

131 9.1 4.6 13.8

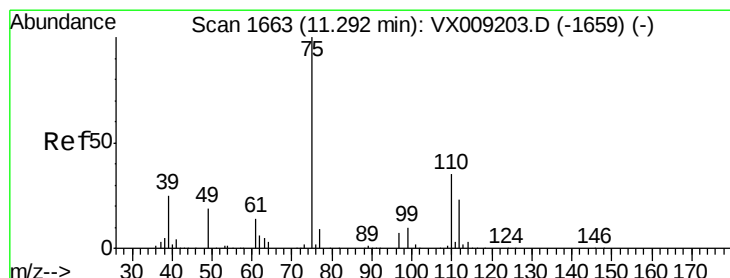
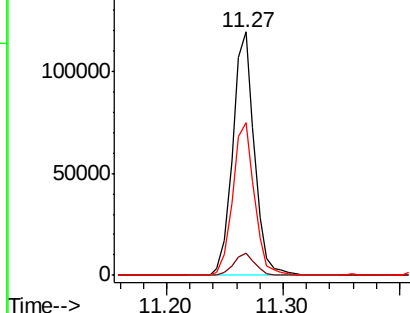
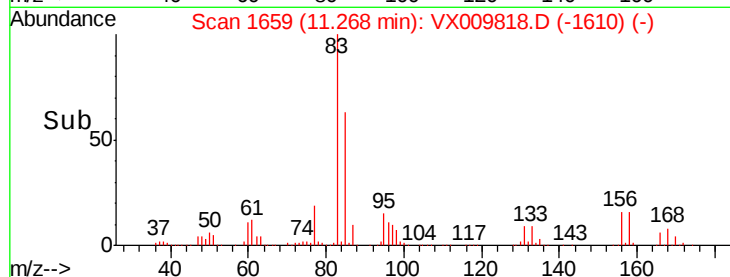
85 63.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.145 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009818.D

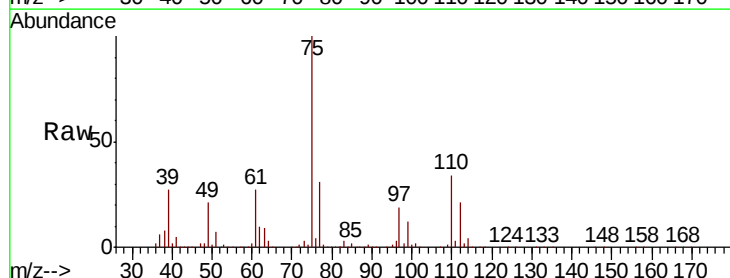
Acq: 22 May 2019 21:24

Tgt Ion: 75 Resp: 180439

Ion Ratio Lower Upper

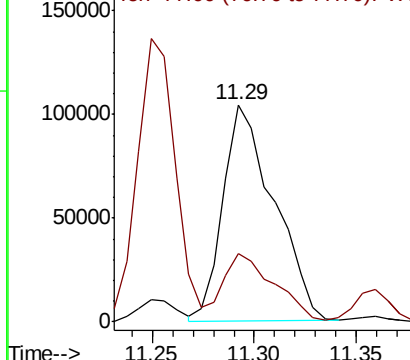
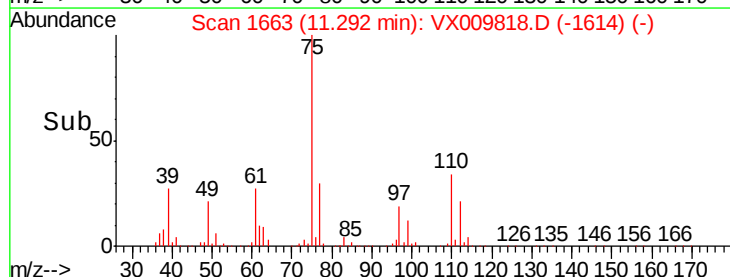
75 100

77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.435 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

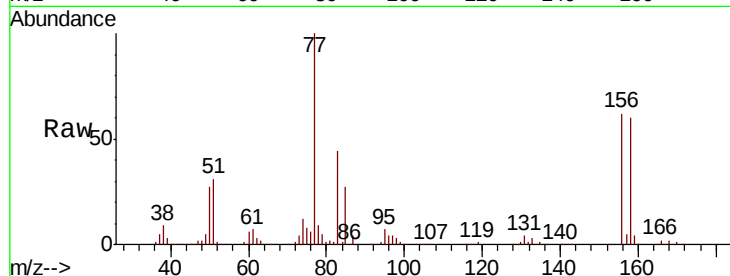
Tot Ion:156 Resp: 103105

Ion Ratio Lower Upper

156 100

77 171.1 84.8 254.3

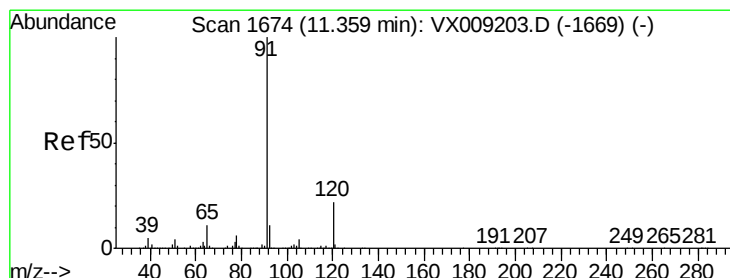
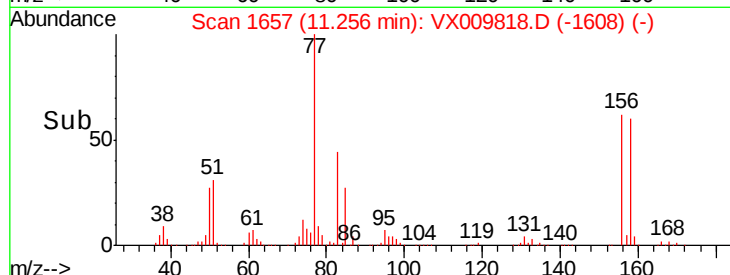
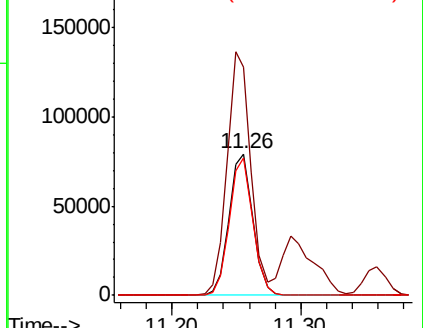
158 96.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.171 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009818.D

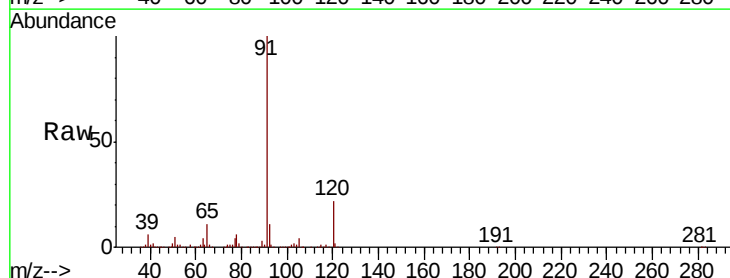
Acq: 22 May 2019 21:24

Tgt Ion: 91 Resp: 482458

Ion Ratio Lower Upper

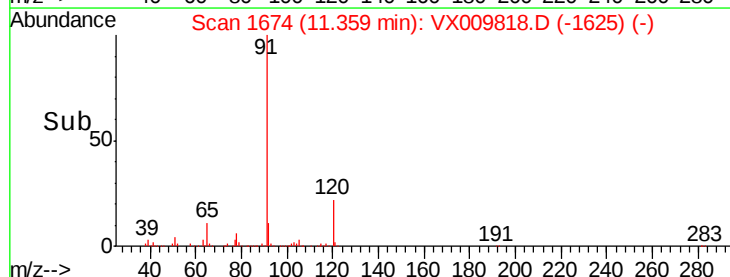
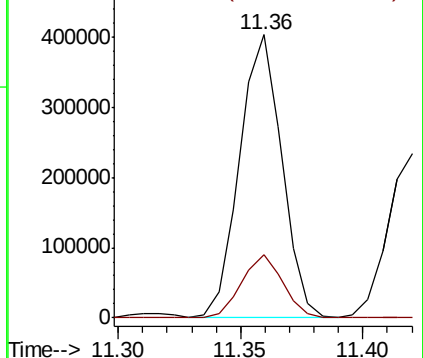
91 100

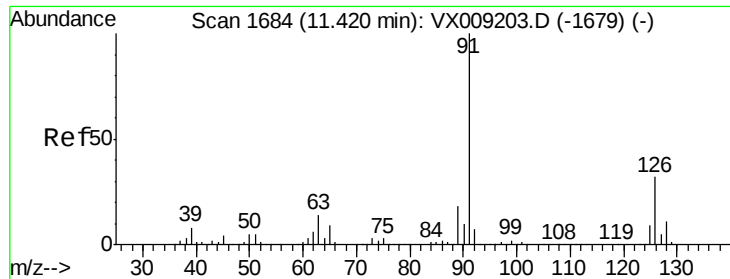
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

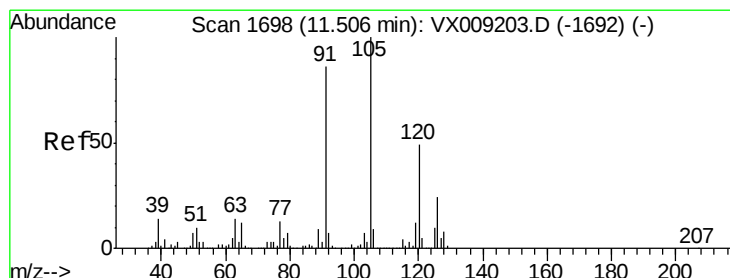
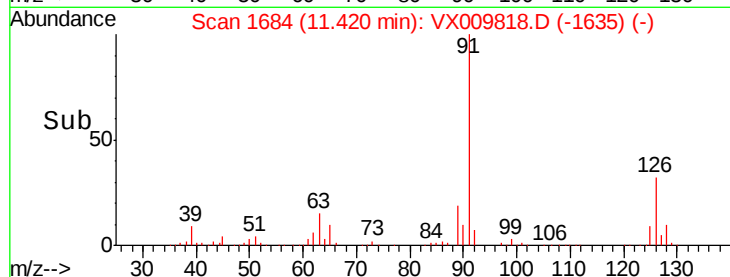
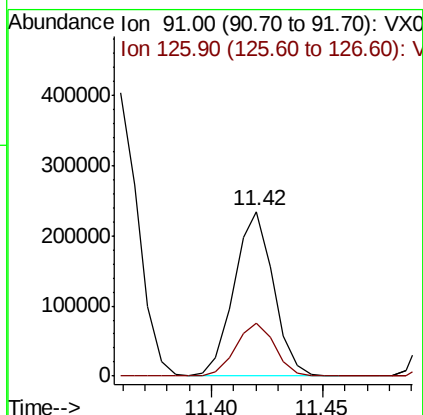
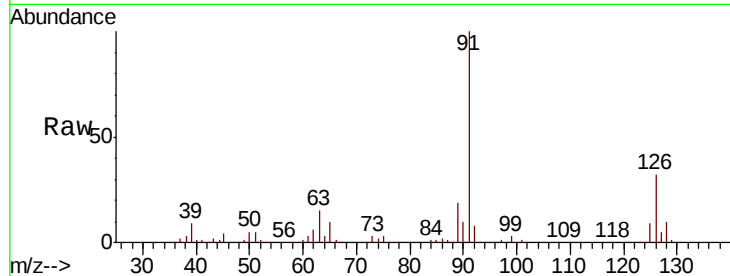




#79
 2-Chlorotoluene
 Concen: 42.602 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

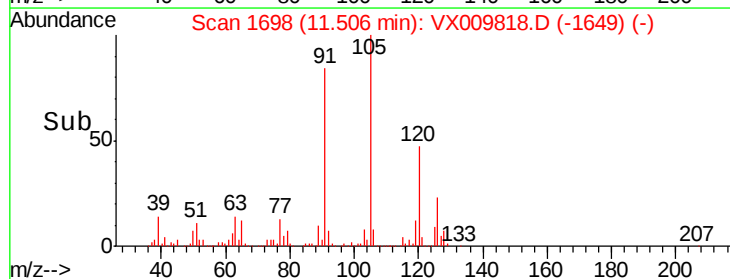
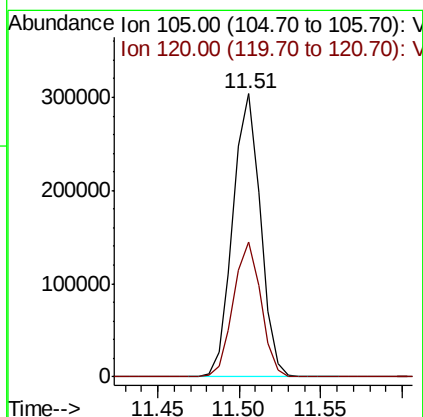
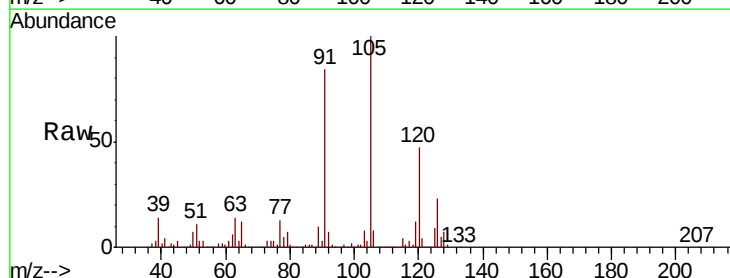
Instrument :
 MSVOA_X
 ClientSampled :

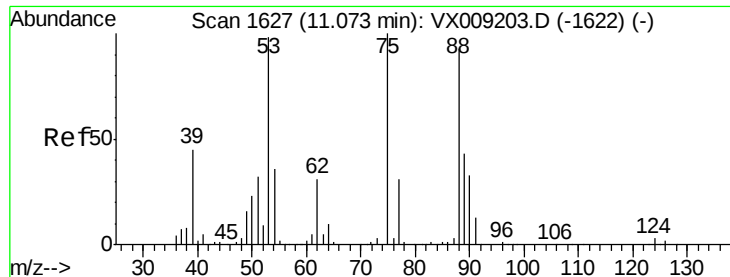
Tot Ion: 91 Resp: 287076
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 44.342 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion:105 Resp: 357079
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 42.896 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

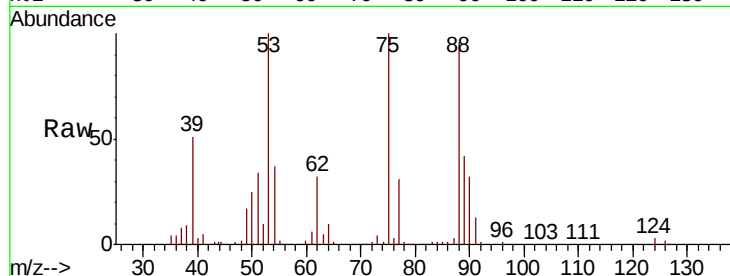
Tot Ion: 75 Resp: 51146

Ion Ratio Lower Upper

75 100

53 103.1 79.0 118.6

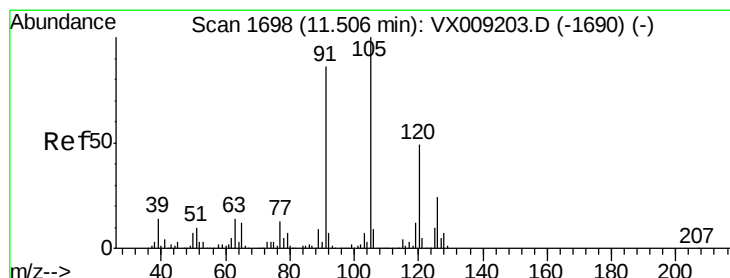
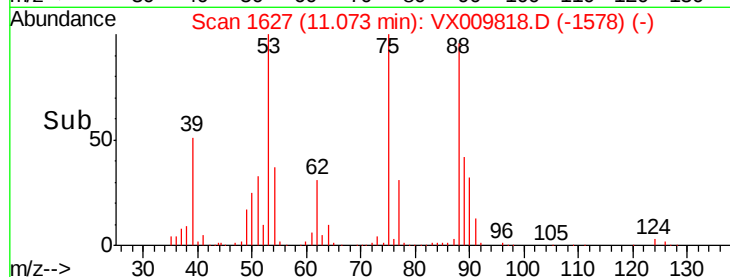
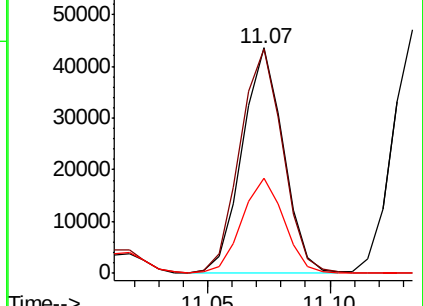
89 43.2 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 43.829 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009818.D

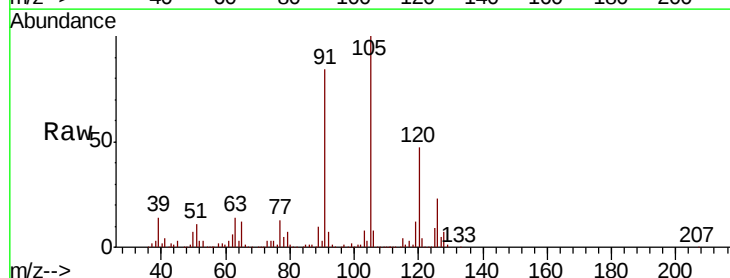
Acq: 22 May 2019 21:24

Tgt Ion: 91 Resp: 333660

Ion Ratio Lower Upper

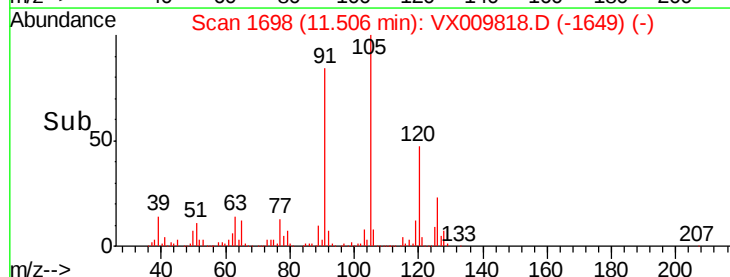
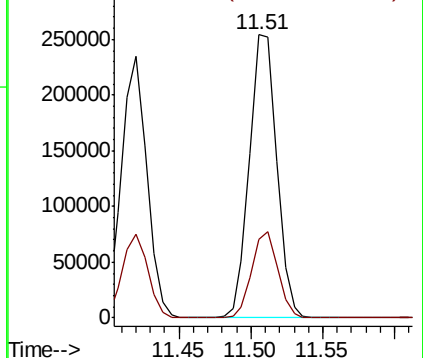
91 100

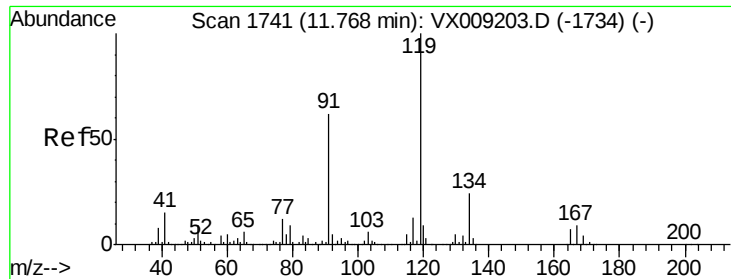
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

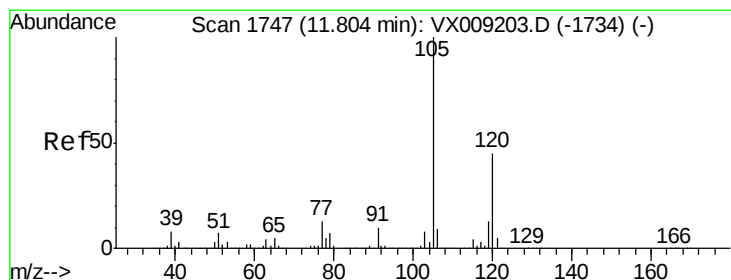
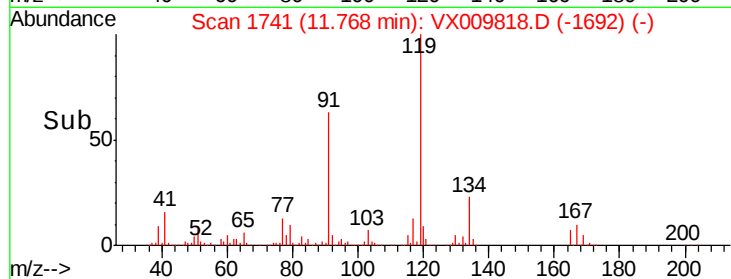
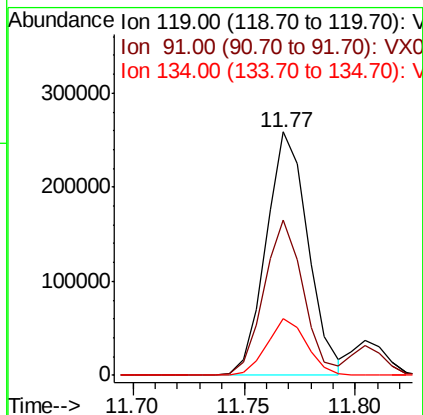
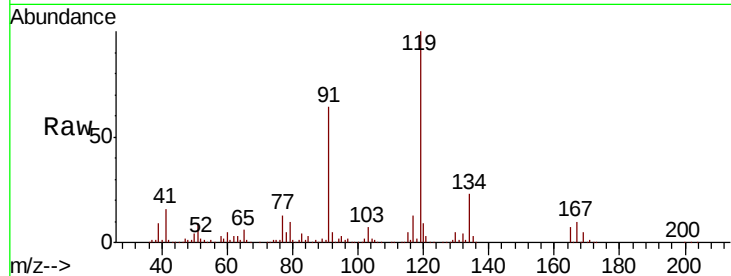




#83
tert-Butylbenzene
Concen: 43.270 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

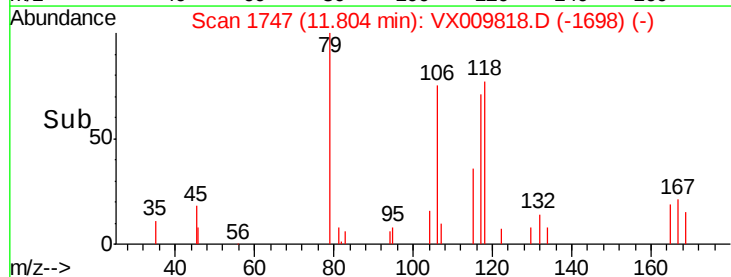
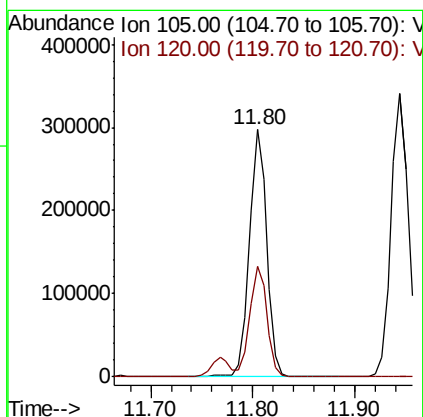
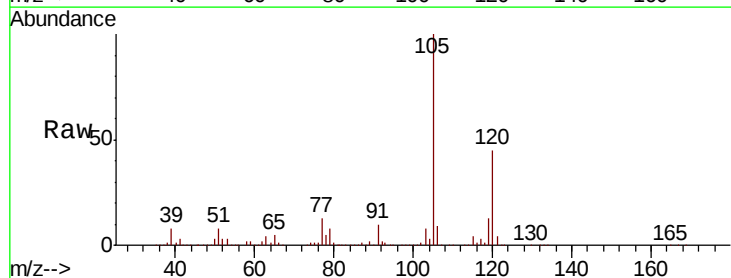
Instrument :
MSVOA_X
ClientSampleId :

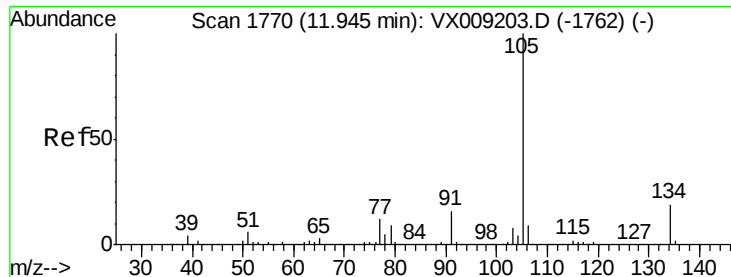
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.5	88.5
134	22.3	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 43.827 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 43.674 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

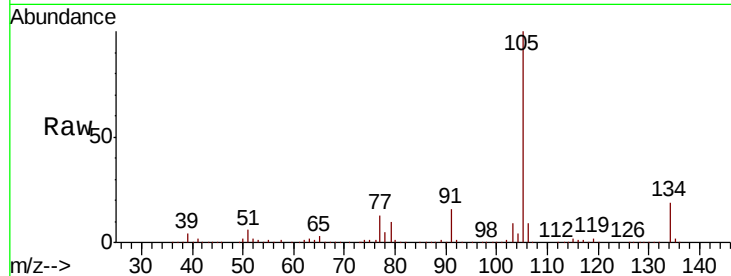
ClientSampleId :

Tot Ion:105 Resp: 405619

Ion Ratio Lower Upper

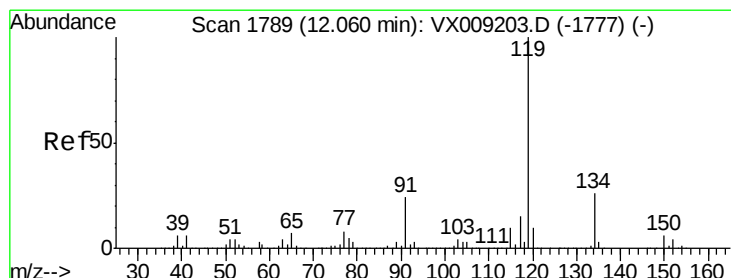
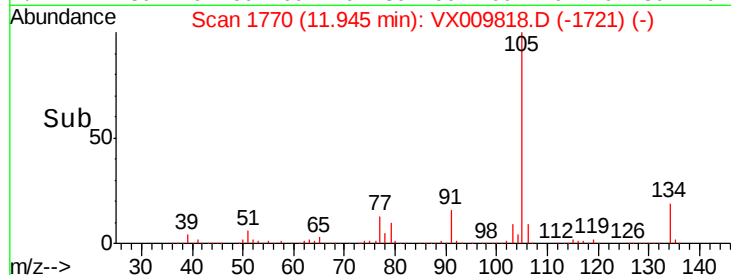
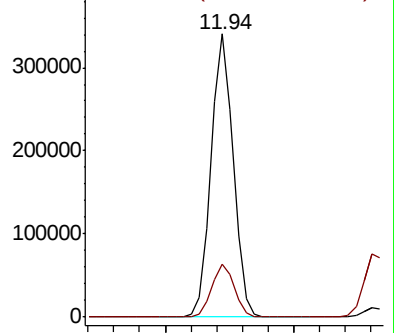
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.236 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

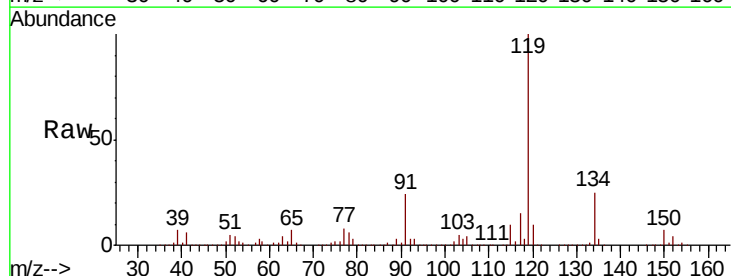
Tgt Ion:119 Resp: 369345

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

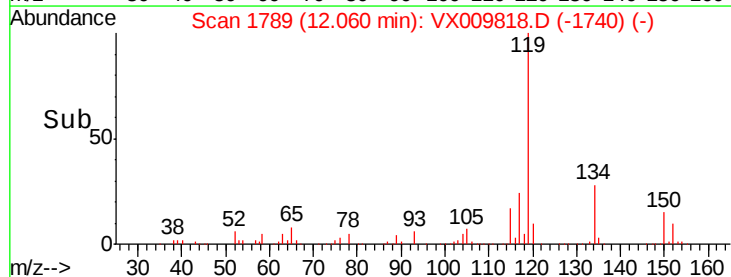
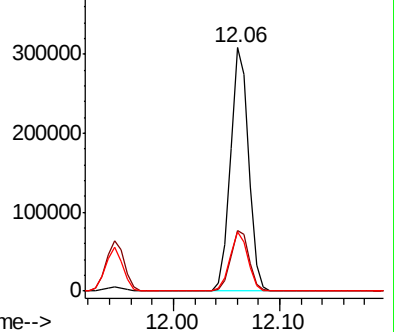
91 24.0 11.8 35.4



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

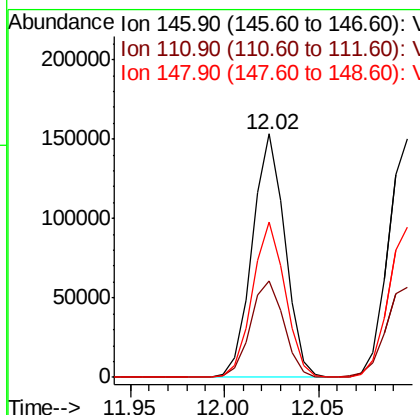
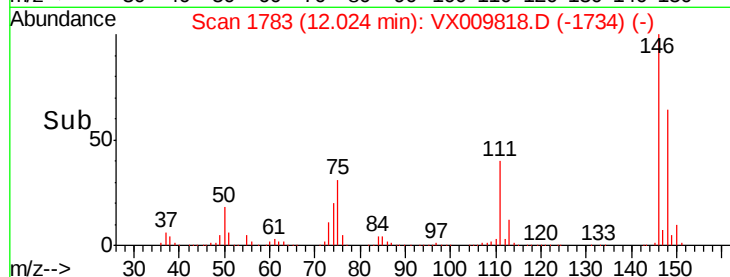
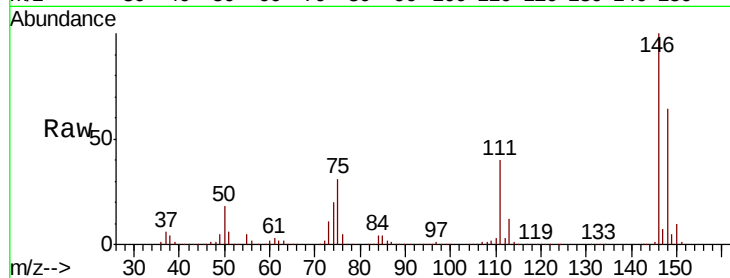




#87
 1,3-Dichlorobenzene
 Concen: 43.553 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

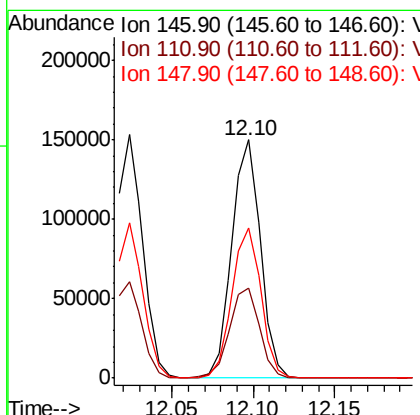
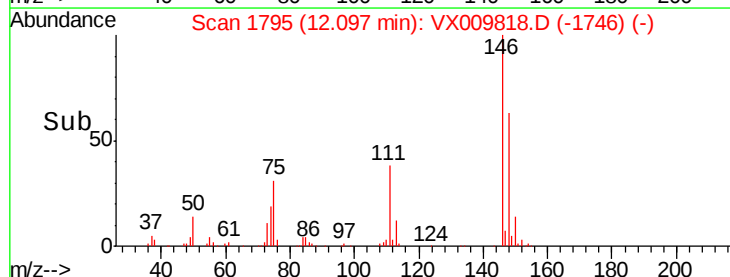
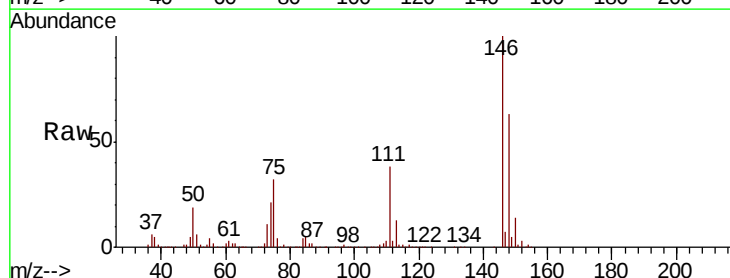
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 184306
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 42.827 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion:146 Resp: 182717
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 64.3 31.8 95.3

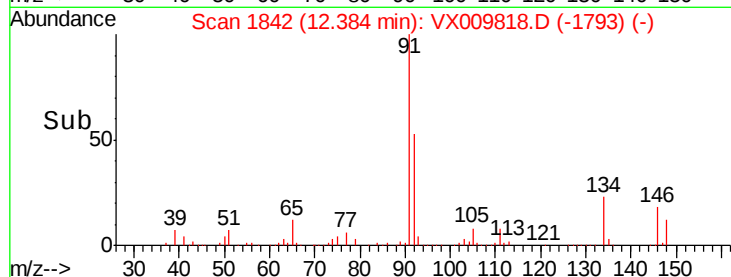
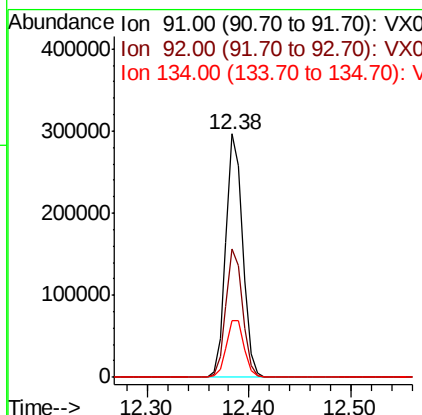
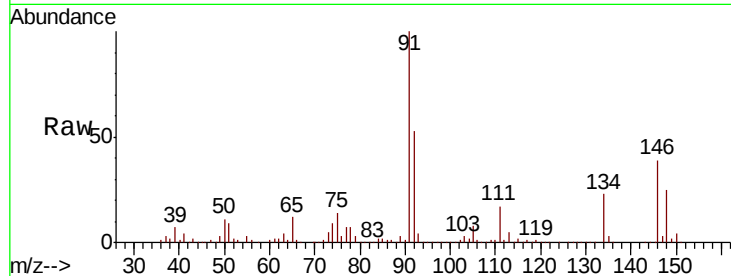




#89
n-Butylbenzene
Concen: 44.828 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

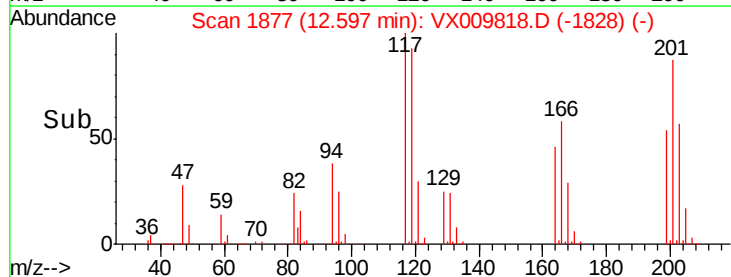
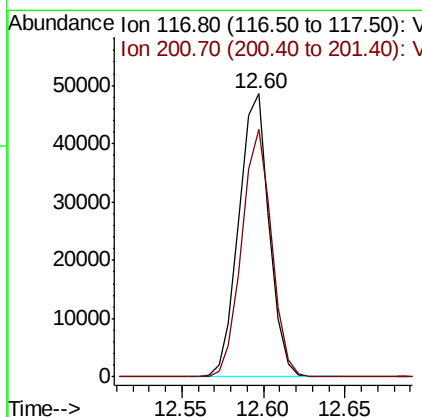
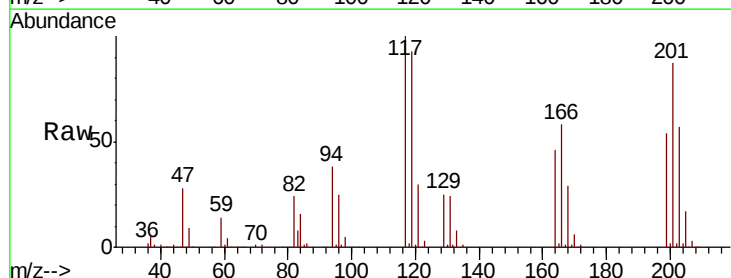
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 338297
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.5 12.4 37.2



#90
Hexachloroethane
Concen: 44.247 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009818.D
Acq: 22 May 2019 21:24

Tgt Ion: 117 Resp: 62940
Ion Ratio Lower Upper
117 100
201 85.9 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 42.840 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

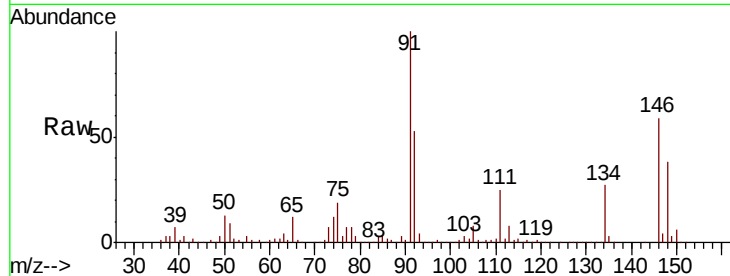
Tot Ion:146 Resp: 184647

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.4

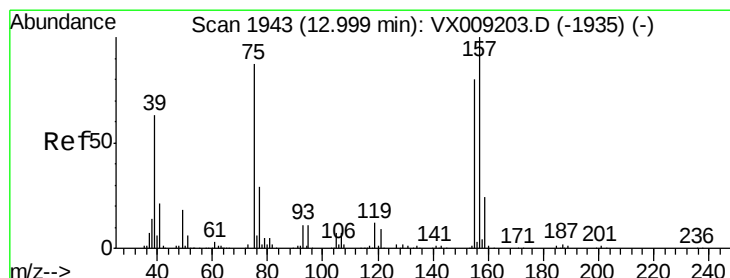
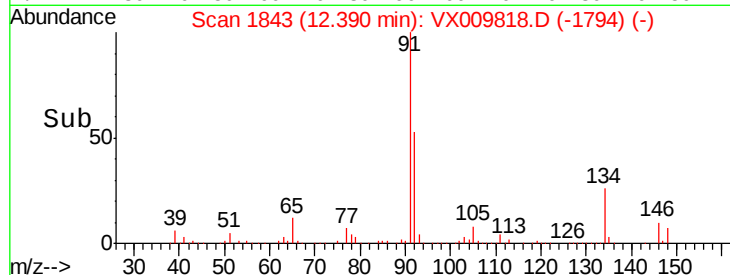
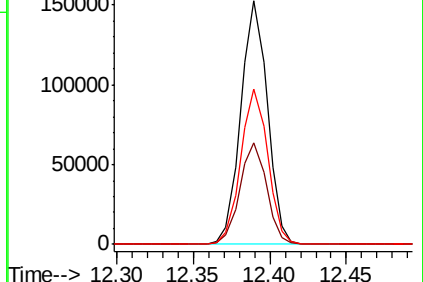
148 64.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.373 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

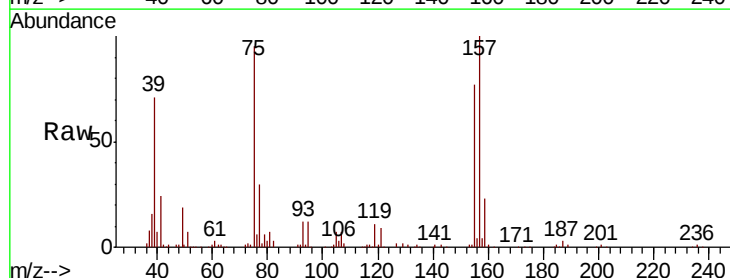
Tgt Ion: 75 Resp: 35489

Ion Ratio Lower Upper

75 100

155 80.3 42.0 126.0

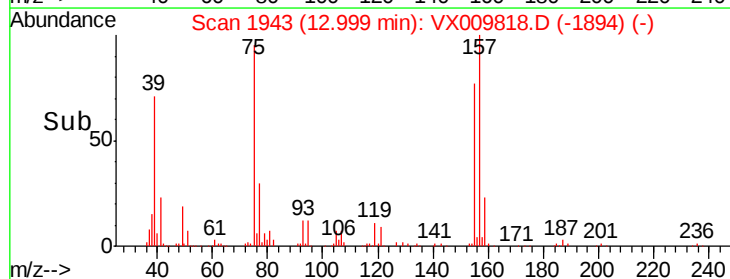
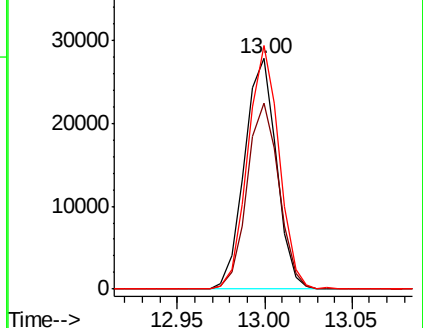
157 103.1 53.2 159.6

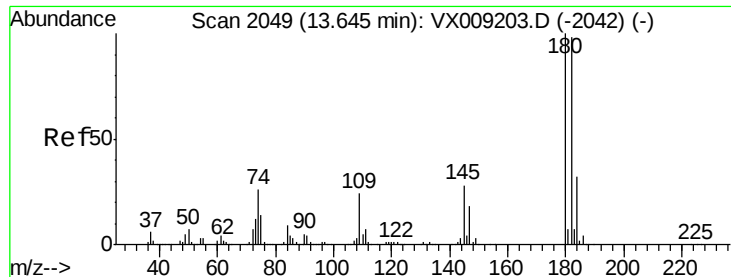


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

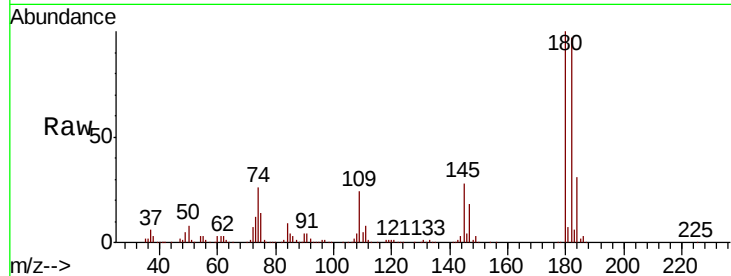




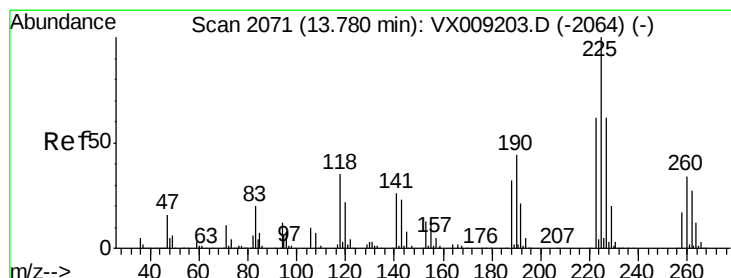
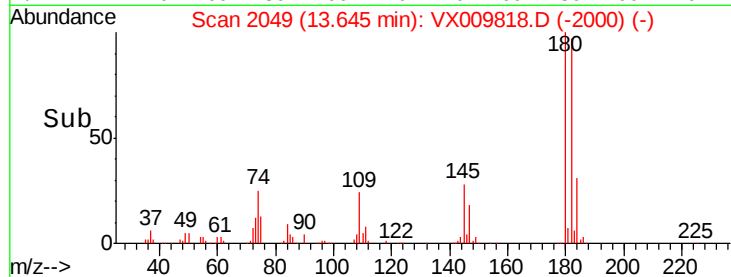
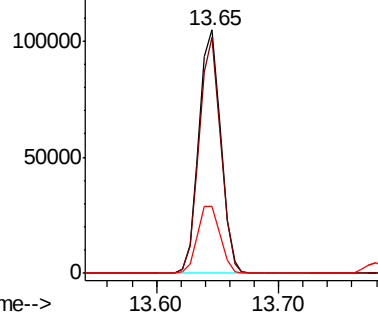
#93
 1,2,4-Trichlorobenzene
 Concen: 43.957 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 129563
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.4 145.2
 145 28.8 14.6 43.8

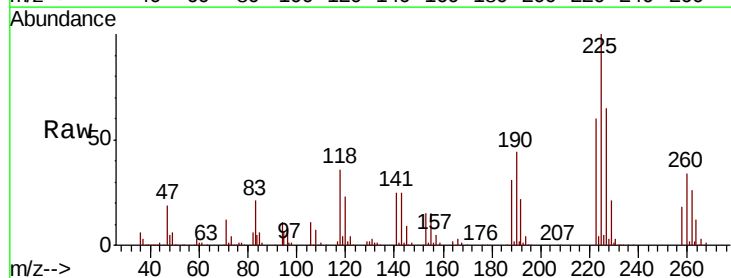


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

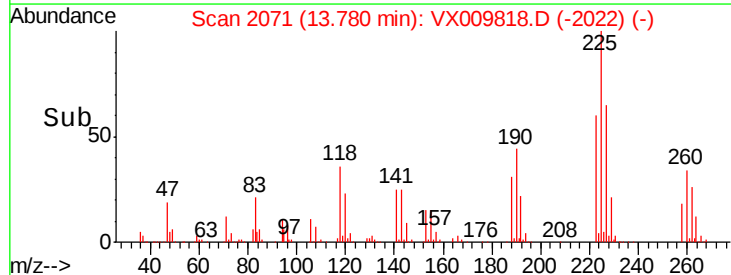
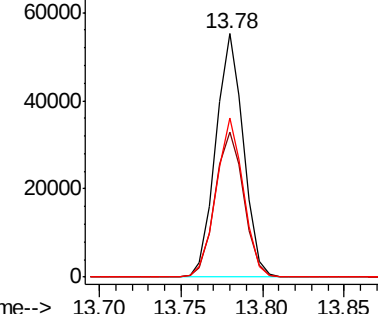


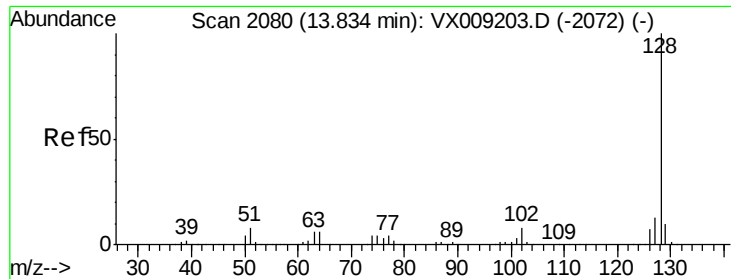
#94
 Hexachlorobutadiene
 Concen: 43.324 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009818.D
 Acq: 22 May 2019 21:24

Tgt Ion:225 Resp: 65210
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.8
 227 64.4 31.8 95.3



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: 43.933 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

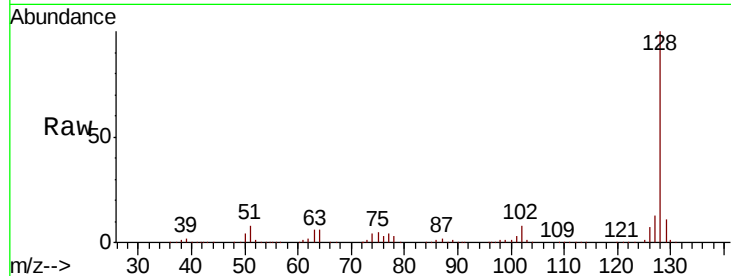
Tot Ion:128 Resp: 421289

Ion Ratio Lower Upper

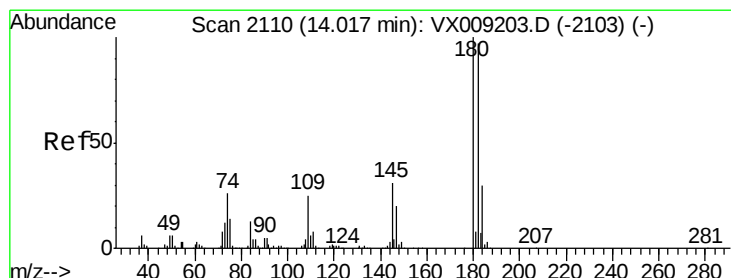
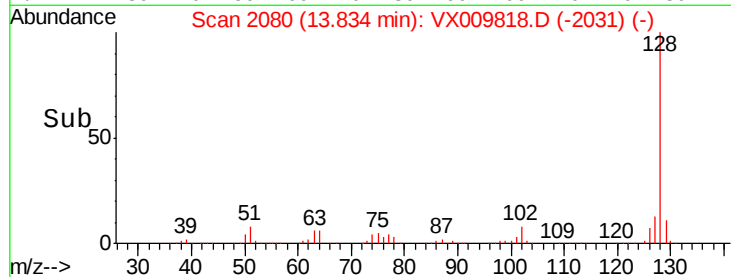
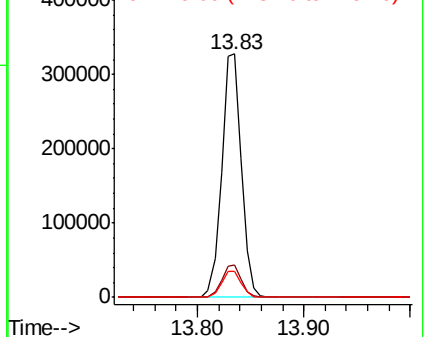
128 100

127 13.3 10.4 15.6

129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 43.620 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009818.D

Acq: 22 May 2019 21:24

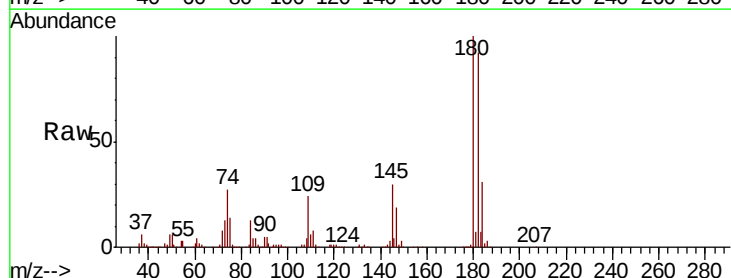
Tgt Ion:180 Resp: 130324

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.4

145 30.6 15.4 46.4



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

