

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009589.D
 Acq On : 15 May 2019 18:44
 Operator : JC/SP
 Sample : VX0515WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:12:48 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	5.66	168	145596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	234682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	211437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102920	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	95342	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
35) Dibromofluoromethane	5.50	113	70126	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	8.71	98	277543	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	100756	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22969	17.119	ug/l	99
3) Chloromethane	1.32	50	36078	19.696	ug/l	99
4) Vinyl Chloride	1.40	62	34694	19.423	ug/l	98
5) Bromomethane	1.64	94	21895	20.423	ug/l	95
6) Chloroethane	1.71	64	22629	19.732	ug/l	99
7) Trichlorofluoromethane	1.93	101	43860	20.201	ug/l	94
8) Diethyl Ether	2.19	74	20343	19.780	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27184	19.938	ug/l	99
10) Methyl Iodide	2.51	142	29913	21.741	ug/l	99
11) Tert butyl alcohol	3.05	59	51446	111.822	ug/l	98
12) 1,1-Dichloroethene	2.37	96	26950	19.728	ug/l	96
13) Acrolein	2.29	56	36274	87.060	ug/l	97
14) Allyl chloride	2.73	41	64290	19.311	ug/l	98
15) Acrylonitrile	3.14	53	119818	106.514	ug/l	100
16) Acetone	2.45	43	106014	99.335	ug/l	99
17) Carbon Disulfide	2.57	76	72843	18.992	ug/l	98
18) Methyl Acetate	2.78	43	52509	20.688	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	106960	20.162	ug/l	99
20) Methylene Chloride	2.85	84	34042	19.700	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	29146	19.673	ug/l	95
22) Diisopropyl ether	3.85	45	130227	20.340	ug/l	92
23) Vinyl Acetate	3.82	43	572357	104.397	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62595	19.818	ug/l	100
25) 2-Butanone	4.67	43	178784	107.801	ug/l	98
26) 2,2-Dichloropropane	4.58	77	38694	16.459	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	35472	20.059	ug/l	98
28) Bromochloromethane	5.01	49	22208	15.580	ug/l	99
29) Tetrahydrofuran	5.13	42	117709	110.296	ug/l	100
30) Chloroform	5.21	83	58172	20.364	ug/l	100
31) Cyclohexane	5.58	56	58494	19.906	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	47150	19.828	ug/l	99
36) 1,1-Dichloropropene	5.81	75	42337	19.412	ug/l	99
37) Ethyl Acetate	4.84	43	65298	21.489	ug/l	98
38) Carbon Tetrachloride	5.79	117	38642	19.501	ug/l	98

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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:12:48 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)
39) Methylcyclohexane	7.46	83	51765	19.327	ug/l	98
40) Benzene	6.14	78	135534	20.080	ug/l	99
41) Methacrylonitrile	5.04	41	37085	20.502	ug/l	97
42) 1,2-Dichloroethane	6.20	62	51005	21.066	ug/l	99
43) Isopropyl Acetate	6.45	43	102400	21.068	ug/l	99
44) Trichloroethene	7.21	130	31801	19.489	ug/l	100
45) 1,2-Dichloropropane	7.51	63	38929	20.369	ug/l	98
46) Dibromomethane	7.66	93	22335	20.124	ug/l	99
47) Bromodichloromethane	7.90	83	43423	19.614	ug/l	99
48) Methyl methacrylate	7.77	41	50394	20.898	ug/l	98
49) 1,4-Dioxane	7.74	88	21872	447.248	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	344692	108.498	ug/l	100
52) Toluene	8.79	92	83196	20.277	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47813	19.129	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	53709	19.414	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34202	20.433	ug/l	97
56) Ethyl methacrylate	9.18	69	61012	20.419	ug/l	98
57) 1,3-Dichloropropane	9.37	76	59806	20.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	146280	92.285	ug/l	100
59) 2-Hexanone	9.49	43	270509	108.415	ug/l	97
60) Dibromochloromethane	9.58	129	32019	19.585	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34602	20.479	ug/l	99
64) Tetrachloroethene	9.34	164	29748	20.511	ug/l	95
65) Chlorobenzene	10.14	112	85331	20.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	30345	19.789	ug/l	99
67) Ethyl Benzene	10.25	91	155087	19.923	ug/l	100
68) m/p-Xylenes	10.36	106	115027	40.437	ug/l	99
69) o-Xylene	10.69	106	56226	20.033	ug/l	100
70) Styrene	10.71	104	96268	19.735	ug/l	98
71) Bromoform	10.85	173	24504	19.664	ug/l #	97
73) Isopropylbenzene	11.02	105	148679	19.866	ug/l	99
74) N-amyl acetate	10.90	43	89320	20.470	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	56867	20.382	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65102	27.269	ug/l	81
77) Bromobenzene	11.26	156	37183	20.017	ug/l	99
78) n-propylbenzene	11.36	91	167248	19.567	ug/l	100
79) 2-Chlorotoluene	11.42	91	102683	19.472	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	127243	20.192	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17145	18.375	ug/l	93
82) 4-Chlorotoluene	11.51	91	117048	19.648	ug/l	99
83) tert-Butylbenzene	11.77	119	118706	19.364	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	126145	19.943	ug/l	100
85) sec-Butylbenzene	11.94	105	142707	19.635	ug/l	100
86) p-Isopropyltoluene	12.06	119	127469	19.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64720	19.544	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	65277	19.552	ug/l	98
89) n-Butylbenzene	12.38	91	109984	18.624	ug/l	100
90) Hexachloroethane	12.59	117	21015	18.879	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	66682	19.770	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13767	21.996	ug/l	95

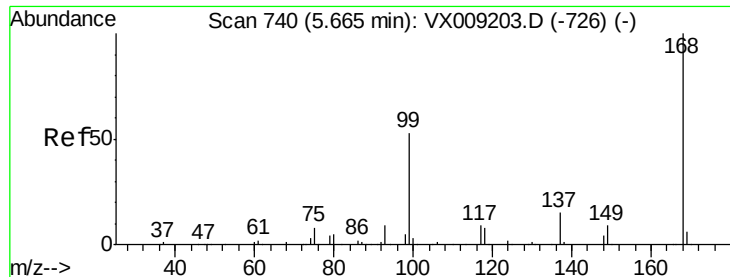
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44509	19.297	ug/l	100
94) Hexachlorobutadiene	13.78	225	22934	19.471	ug/l	98
95) Naphthalene	13.83	128	155074	20.665	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47174	20.177	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

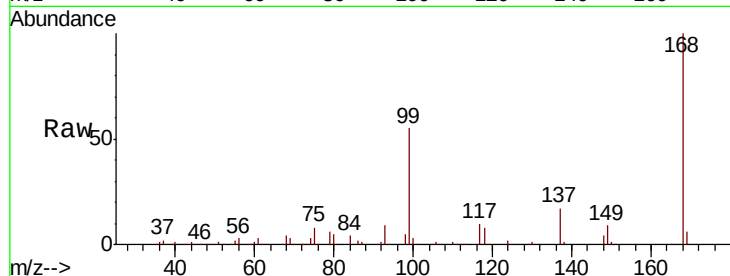
ClientSampled :

Tot Ion:168 Resp: 145596

Ion Ratio Lower Upper

168 100

99 55.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

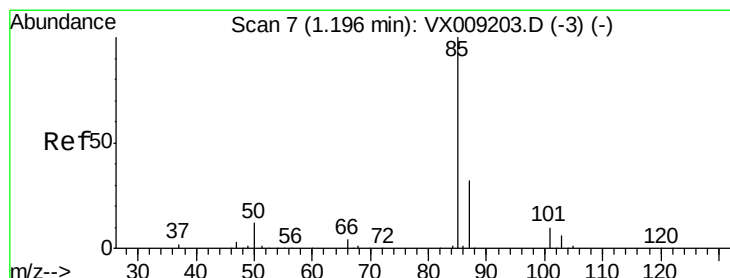
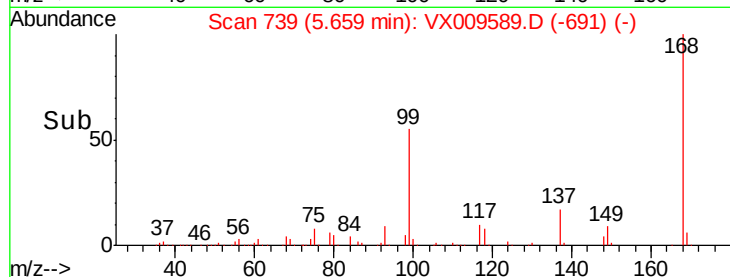
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.119 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009589.D

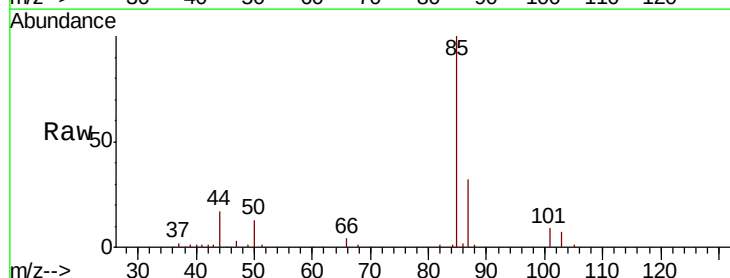
Acq: 15 May 2019 18:44

Tgt Ion: 85 Resp: 22969

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

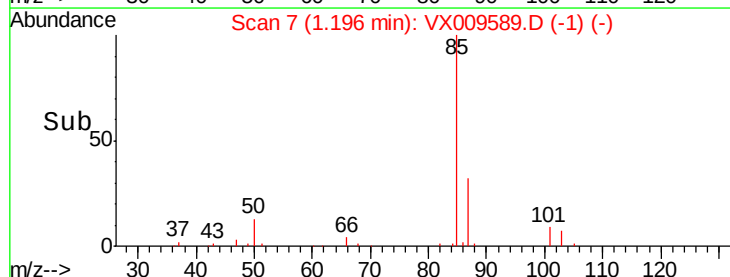
15000

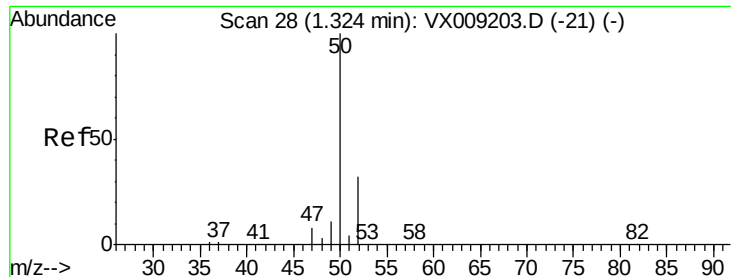
10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.696 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

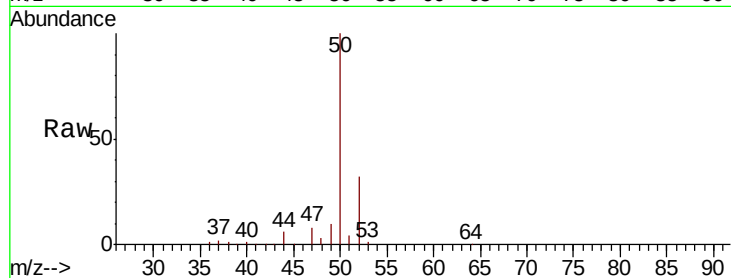
ClientSampled :

Tot Ion: 50 Resp: 36078

Ion Ratio Lower Upper

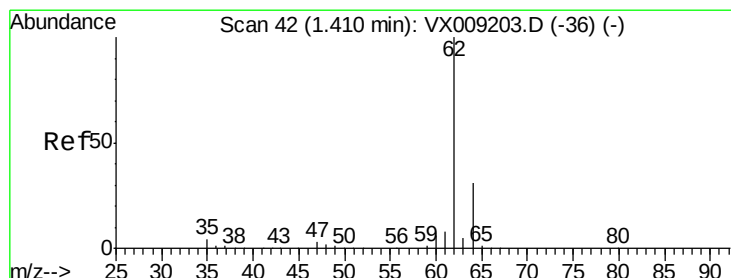
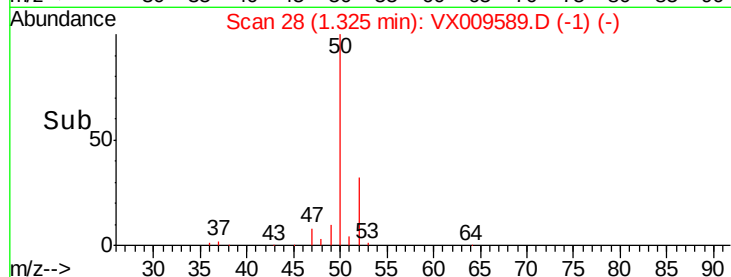
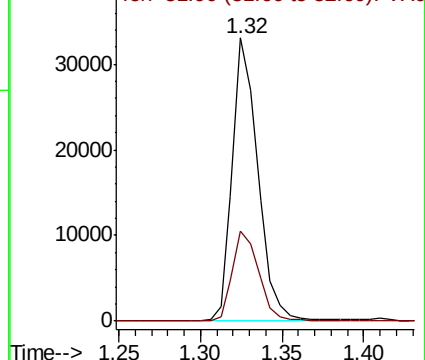
50 100

52 31.8 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: 19.423 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009589.D

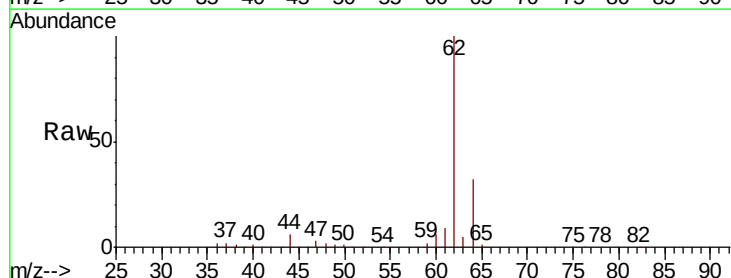
Acq: 15 May 2019 18:44

Tgt Ion: 62 Resp: 34694

Ion Ratio Lower Upper

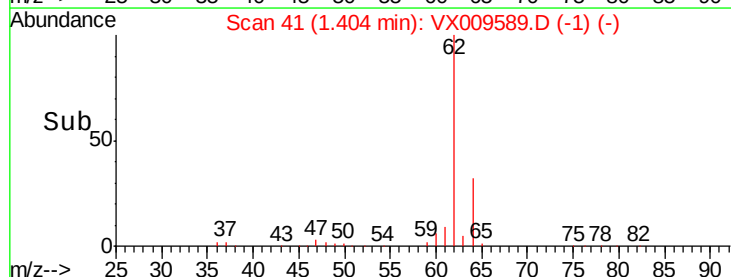
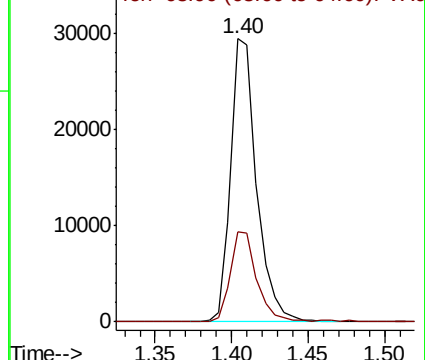
62 100

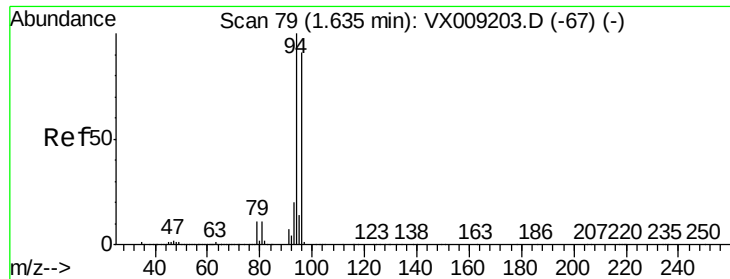
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.423 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

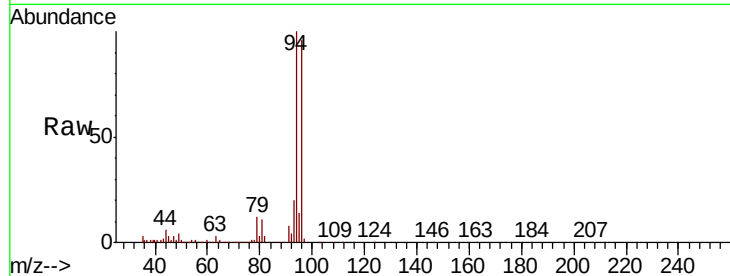
ClientSampled :

Tot Ion: 94 Resp: 21895

Ion Ratio Lower Upper

94 100

96 95.7 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

25000

20000

15000

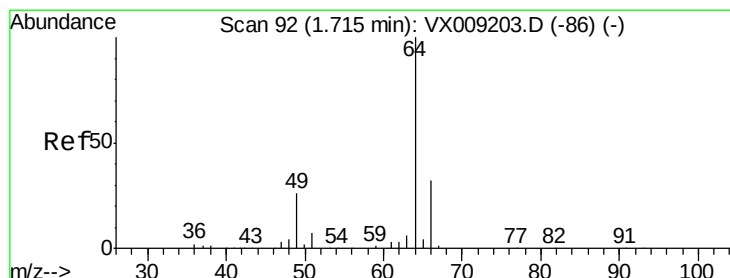
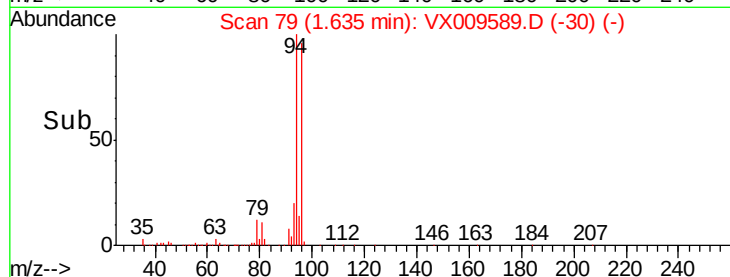
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.732 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009589.D

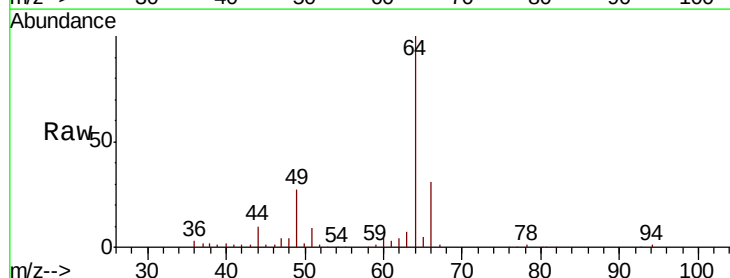
Acq: 15 May 2019 18:44

Tgt Ion: 64 Resp: 22629

Ion Ratio Lower Upper

64 100

66 31.2 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

15000

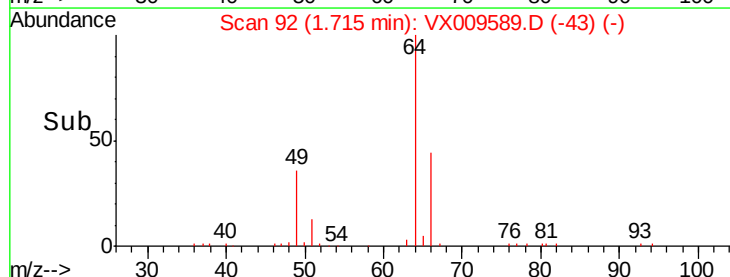
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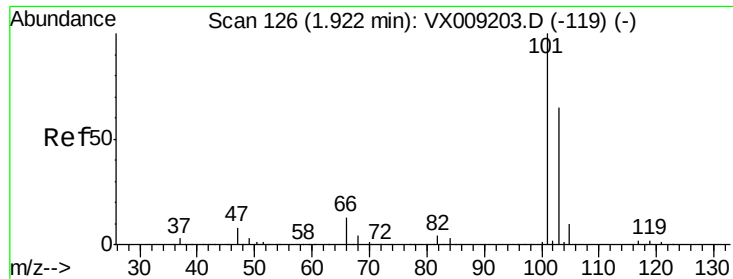
5000

0

Time-->

1.65 1.70 1.75 1.80



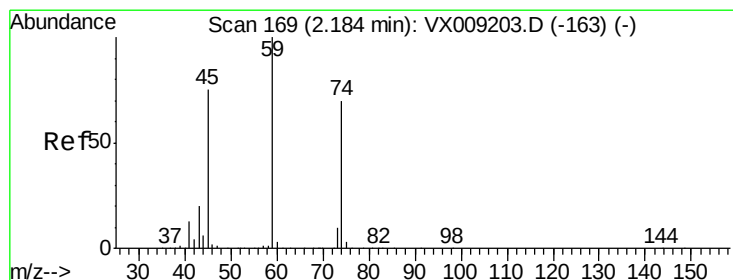
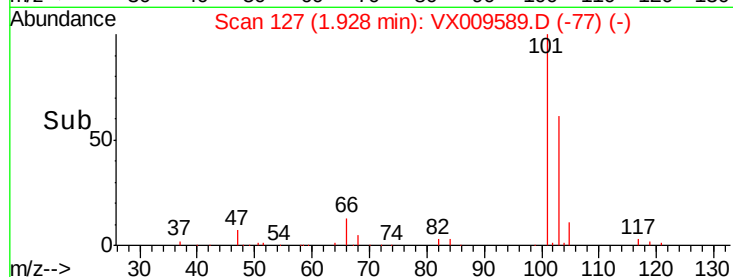
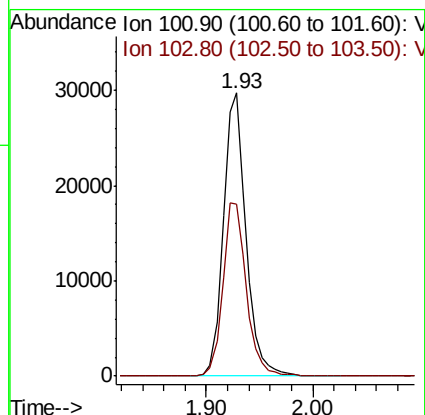
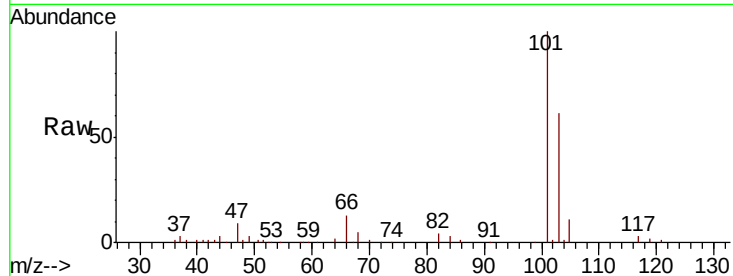


#7

Trichlorofluoromethane
Concen: 20.201 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :

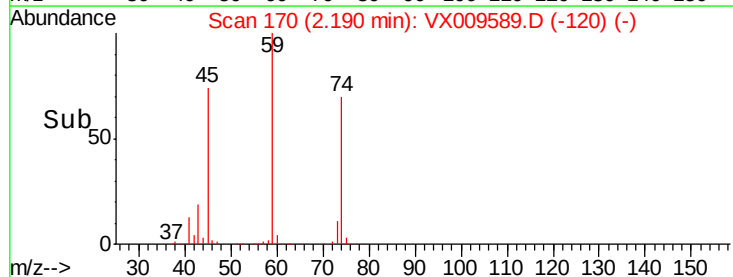
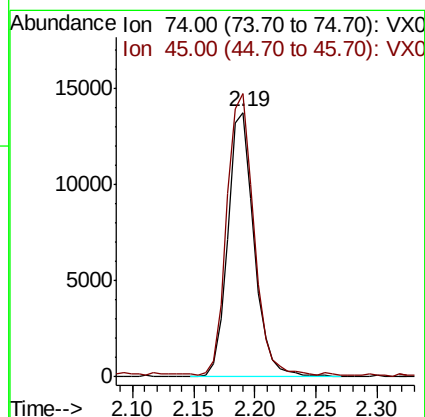
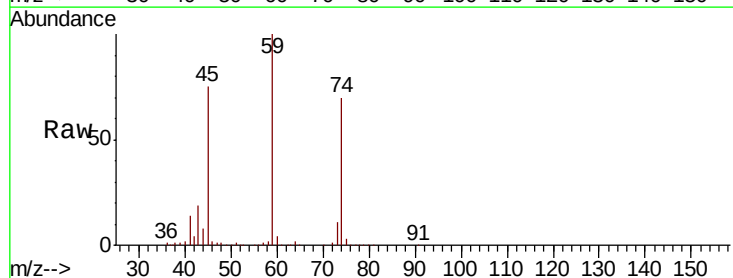
Tot Ion:101 Resp: 43860
Ion Ratio Lower Upper
101 100
103 60.6 52.4 78.6

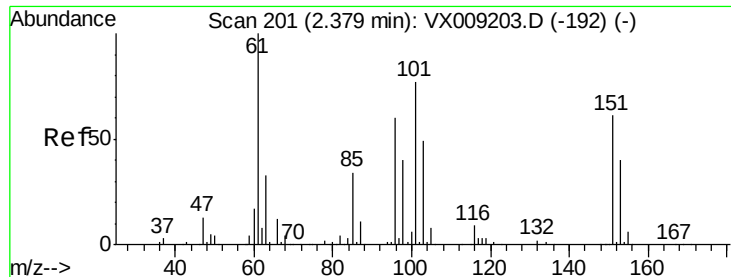


#8

Diethyl Ether
Concen: 19.780 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 74 Resp: 20343
Ion Ratio Lower Upper
74 100
45 108.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.938 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

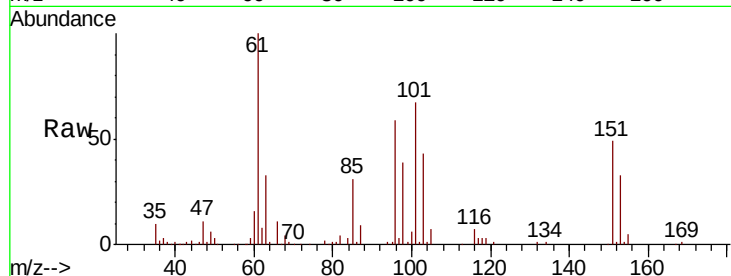
Tot Ion:101 Resp: 27184

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

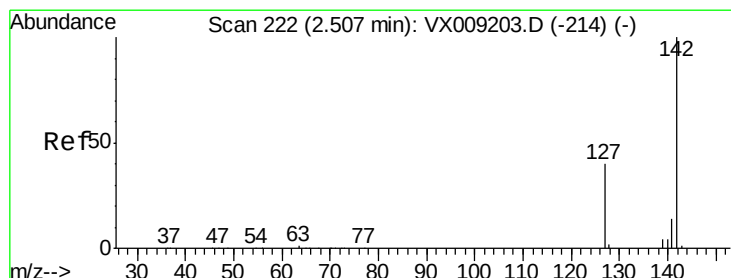
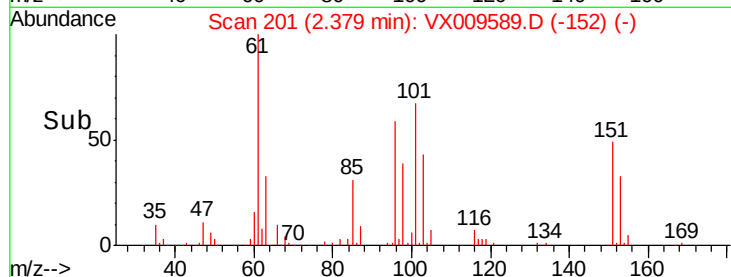
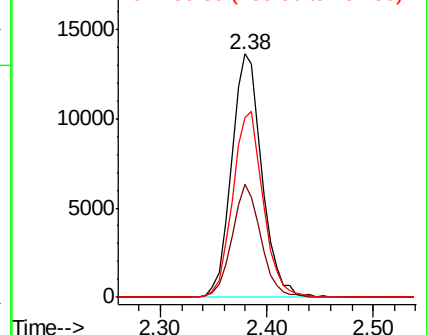
151 76.8 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.741 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

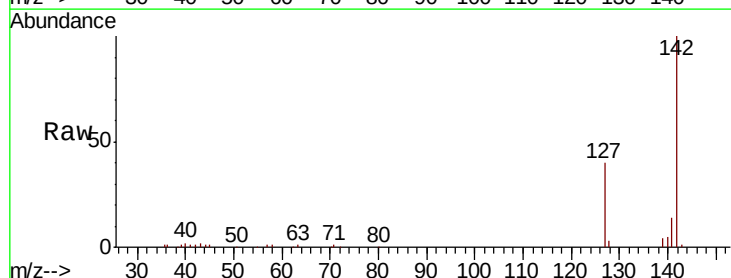
Tgt Ion:142 Resp: 29913

Ion Ratio Lower Upper

142 100

127 40.3 32.7 49.1

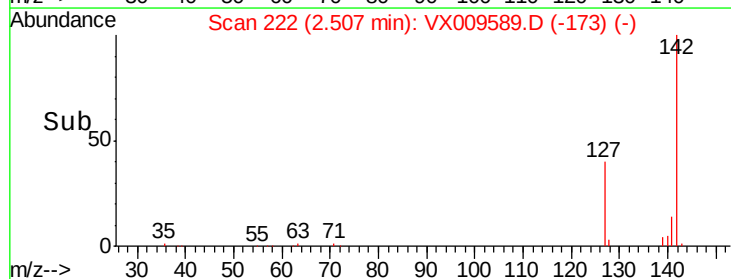
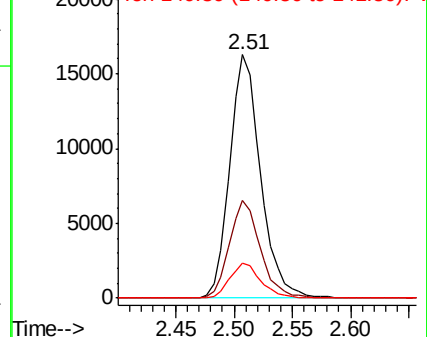
141 14.3 11.5 17.3

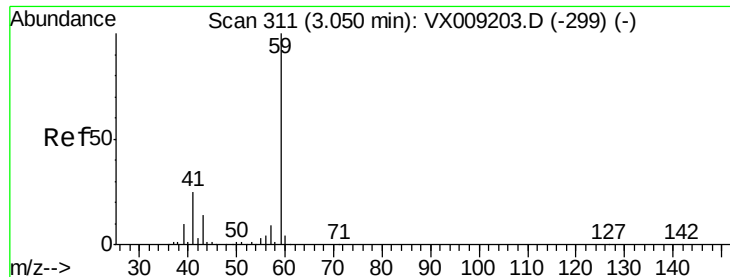


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

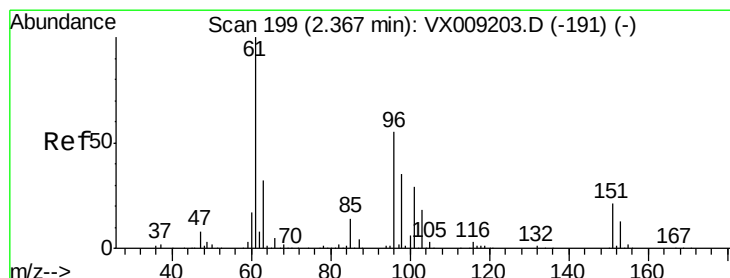
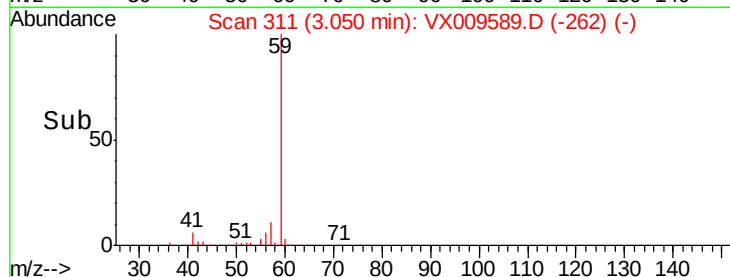
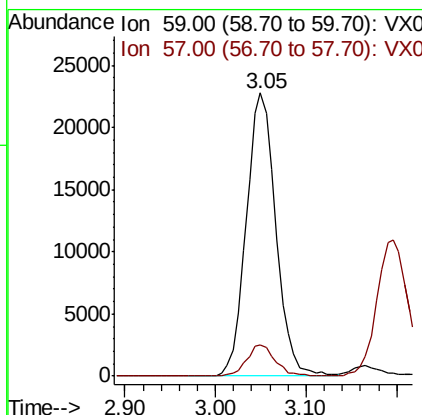
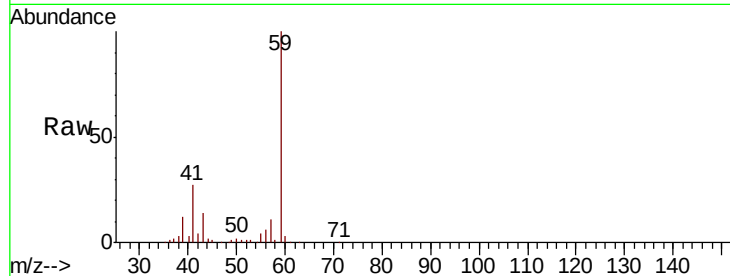




#11
Tert butyl alcohol
Concen: 111.822 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

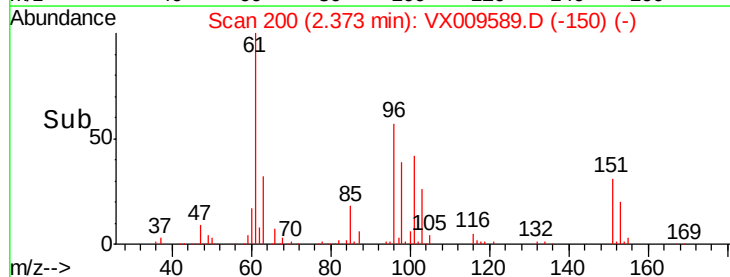
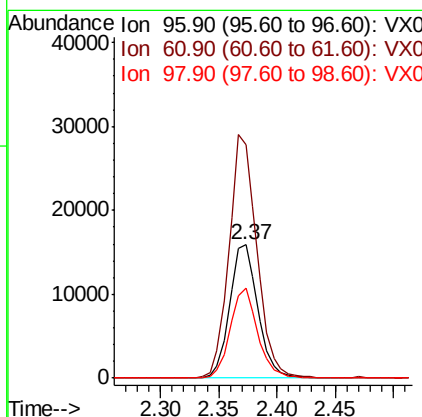
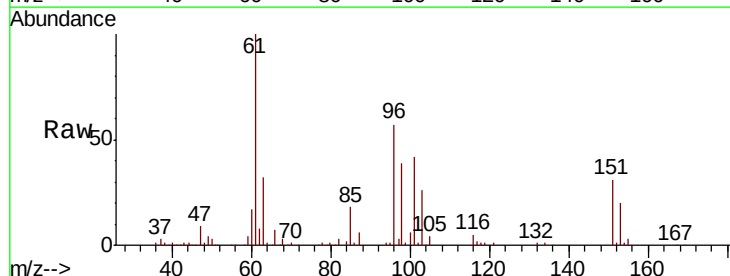
Instrument :
MSVOA_X
ClientSampled :

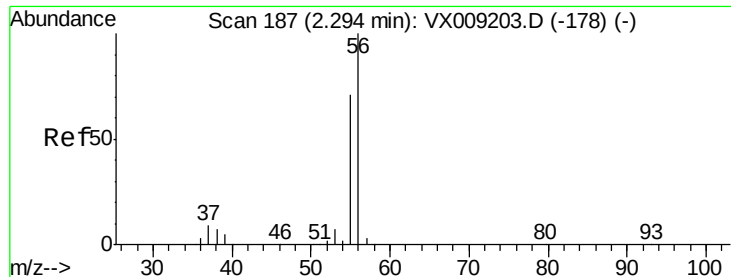
Tot Ion: 59 Resp: 51446
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.728 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 96 Resp: 26950
Ion Ratio Lower Upper
96 100
61 175.1 144.3 216.5
98 67.4 50.3 75.5





#13

Acrolein

Concen: 87.060 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

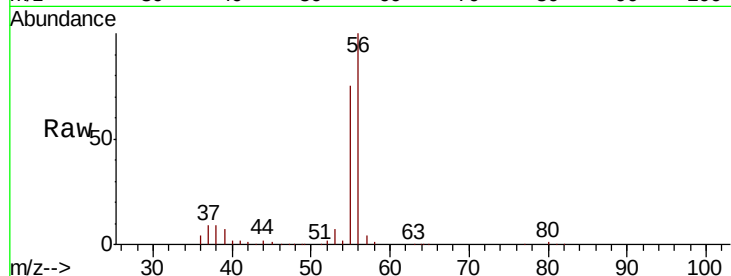
ClientSampleId :

Tot Ion: 56 Resp: 36274

Ion Ratio Lower Upper

56 100

55 73.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

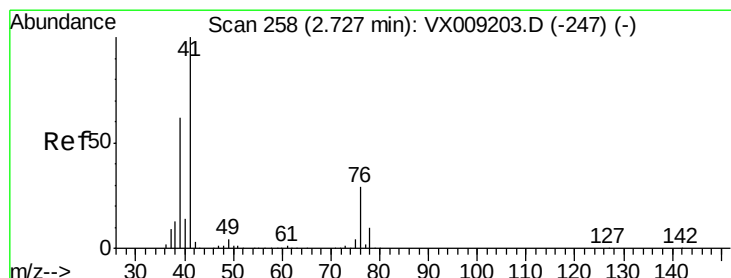
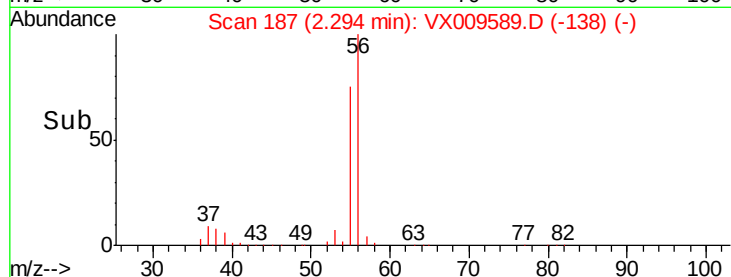
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.311 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

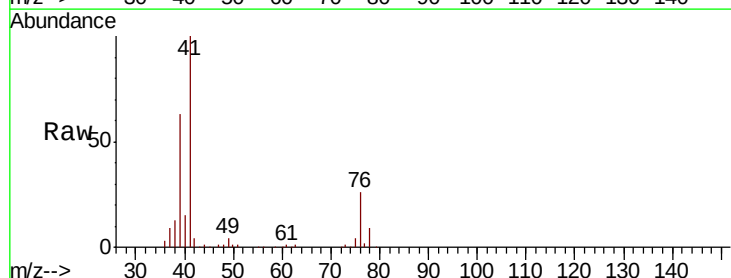
Tgt Ion: 41 Resp: 64290

Ion Ratio Lower Upper

41 100

39 59.6 46.7 70.1

76 26.5 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

30000

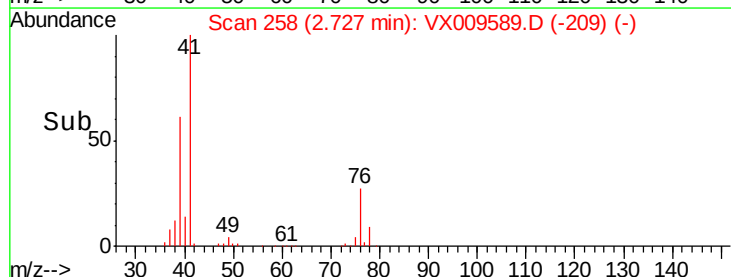
20000

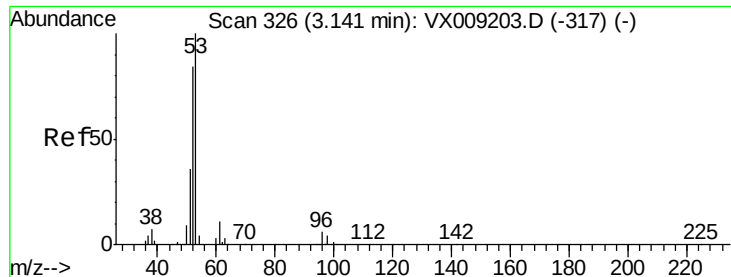
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 106.514 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

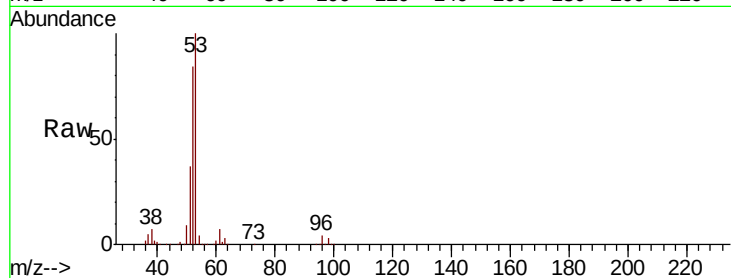
Tot Ion: 53 Resp: 119818

Ion Ratio Lower Upper

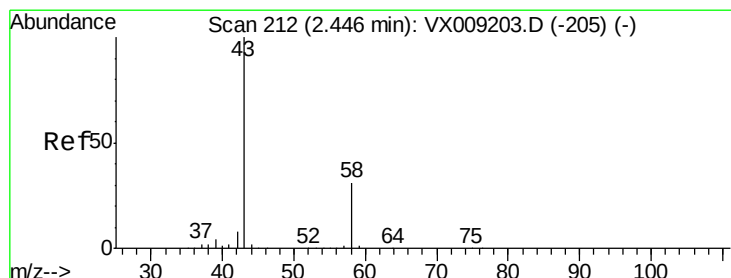
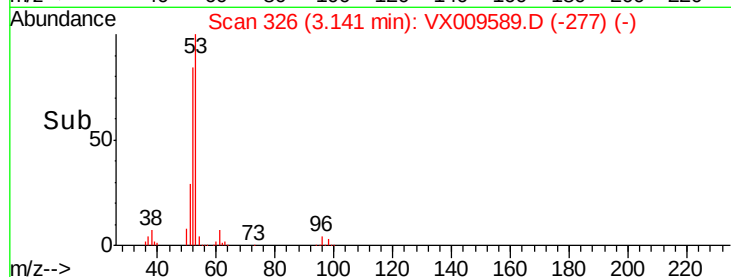
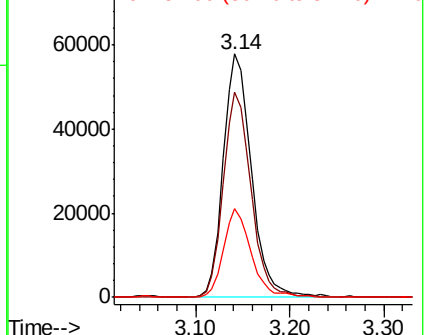
53 100

52 83.3 66.9 100.3

51 35.6 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: 99.335 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009589.D

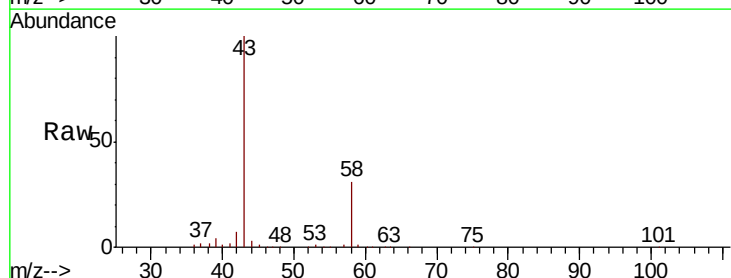
Acq: 15 May 2019 18:44

Tgt Ion: 43 Resp: 106014

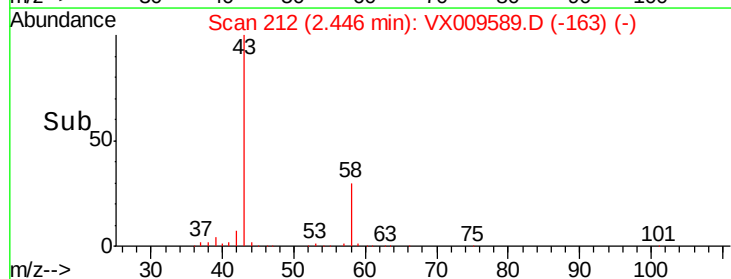
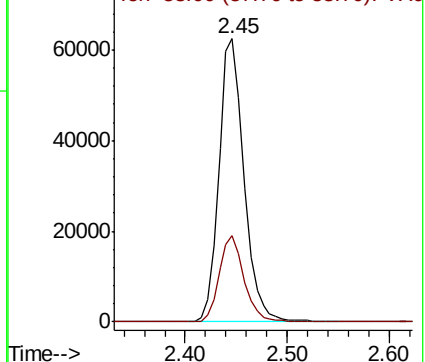
Ion Ratio Lower Upper

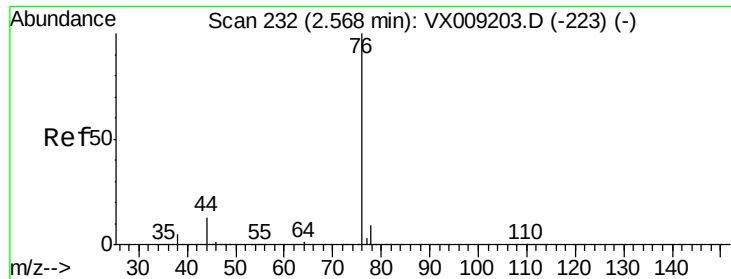
43 100

58 30.4 24.9 37.3



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

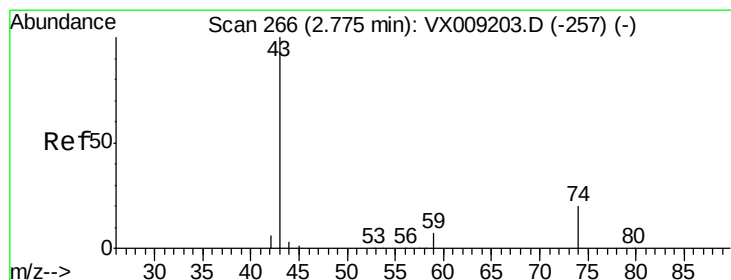
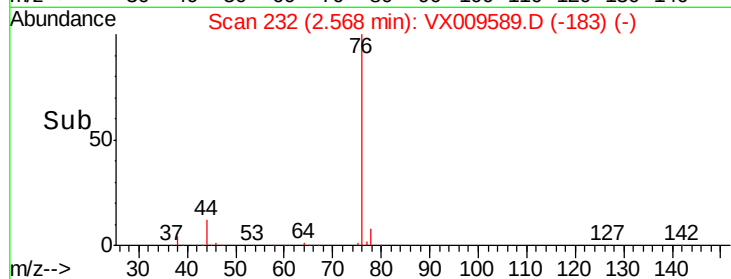
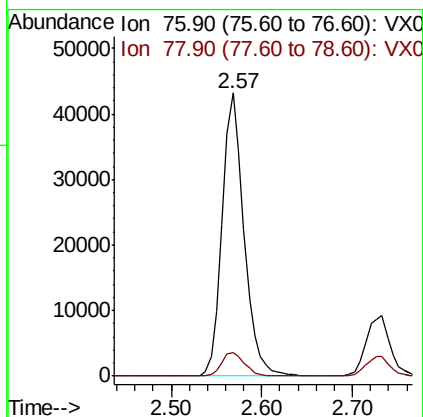
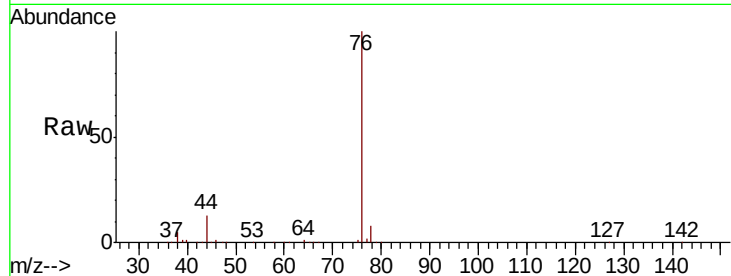




#17
Carbon Disulfide
Concen: 18.992 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

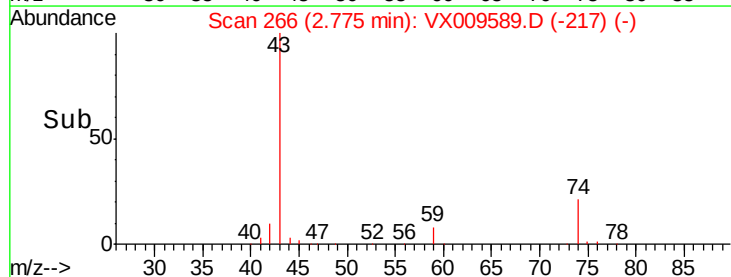
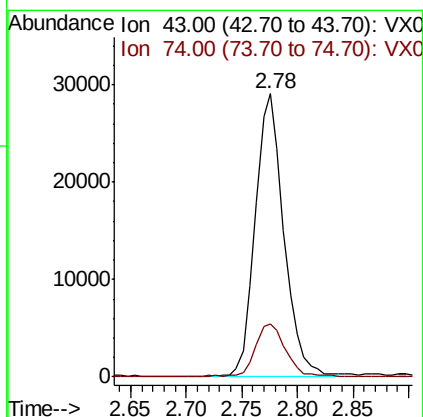
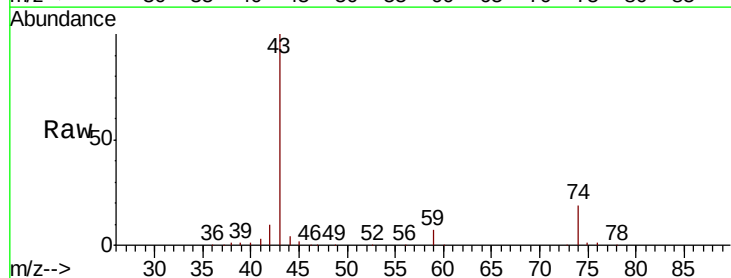
Instrument :
MSVOA_X
ClientSampled :

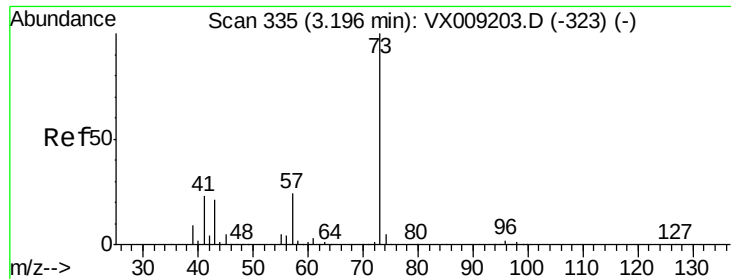
Tot Ion: 76 Resp: 72843
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.688 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 43 Resp: 52509
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.4

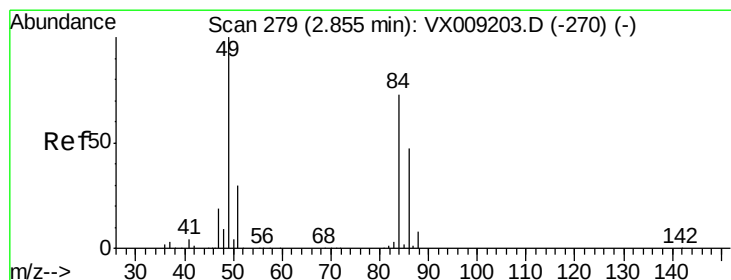
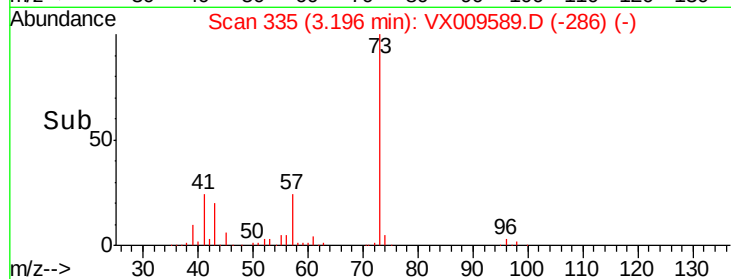
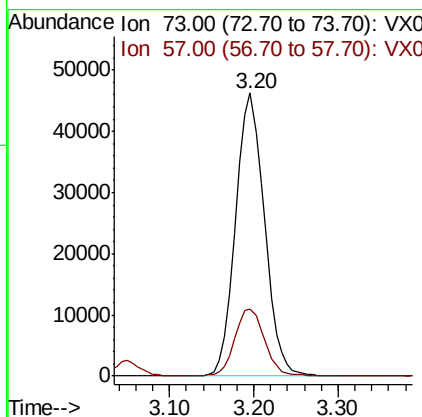
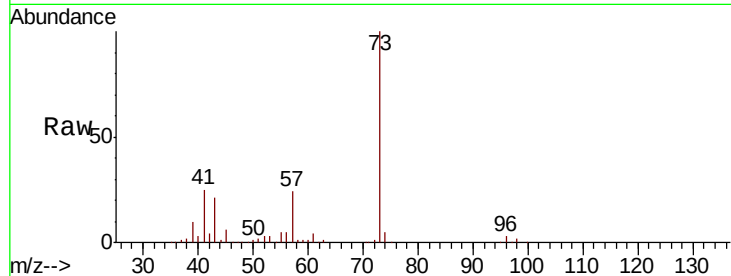




#19
Methyl tert-butyl Ether
Concen: 20.162 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

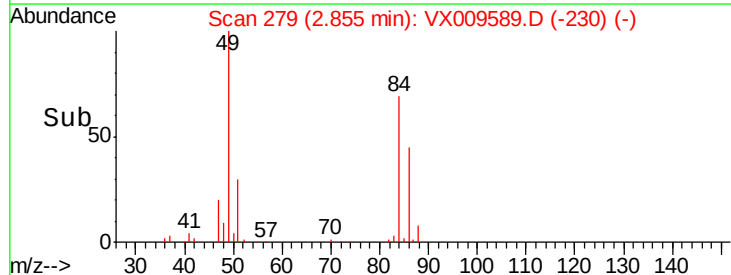
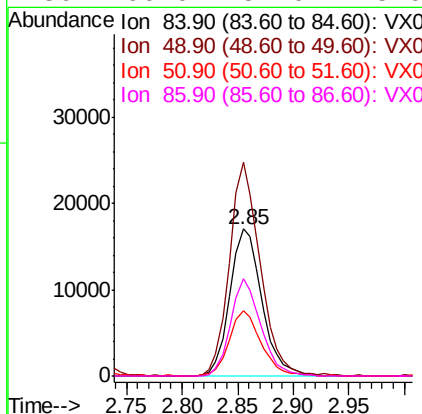
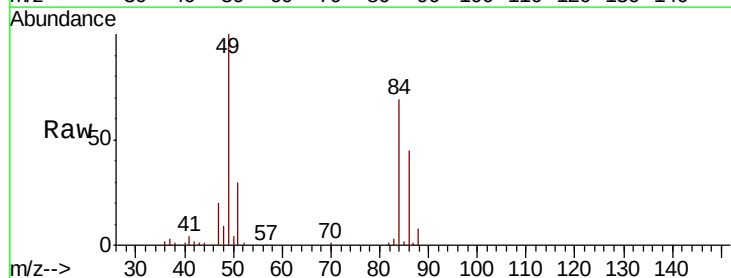
Instrument :
MSVOA_X
ClientSampled :

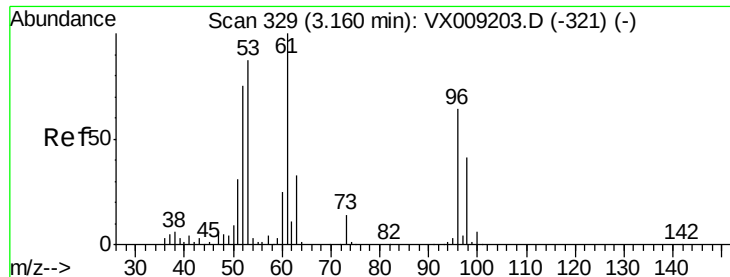
Tot Ion: 73 Resp: 106960
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9



#20
Methylene Chloride
Concen: 19.700 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 84 Resp: 34042
Ion Ratio Lower Upper
84 100
49 145.6 109.9 164.9
51 44.3 32.7 49.1
86 66.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.673 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :

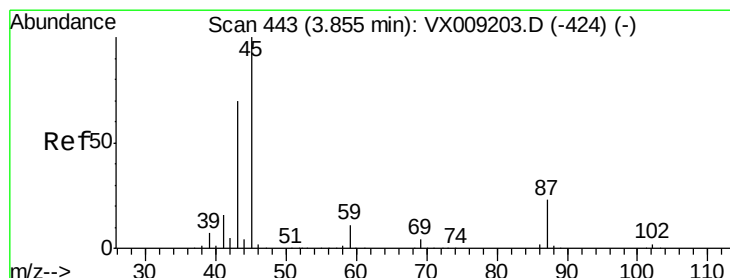
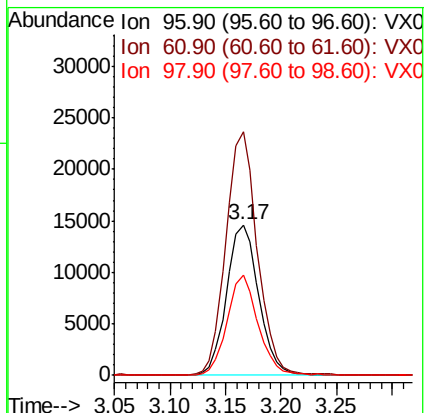
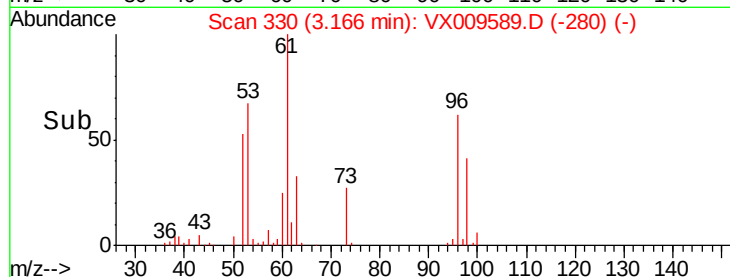
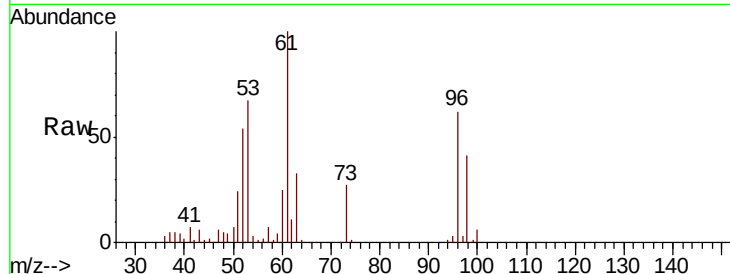
Tot Ion: 96 Resp: 29146

Ion Ratio Lower Upper

96 100

61 161.6 124.5 186.7

98 66.3 50.4 75.6



#22

Diisopropyl ether

Concen: 20.340 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Tgt Ion: 45 Resp: 130227

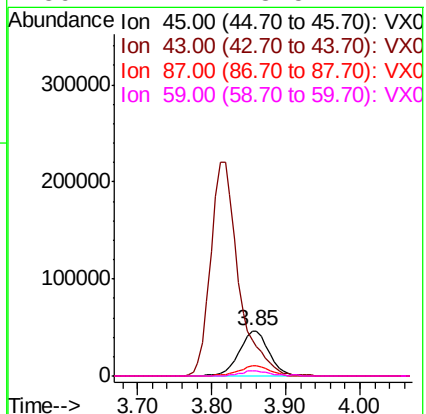
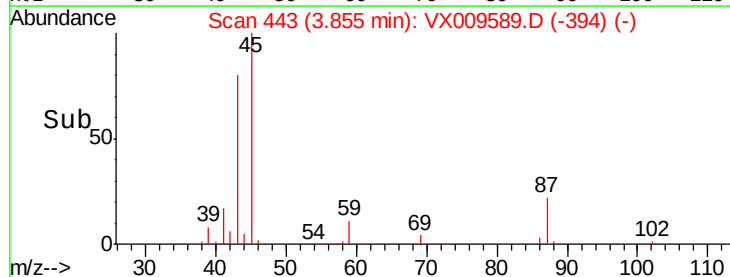
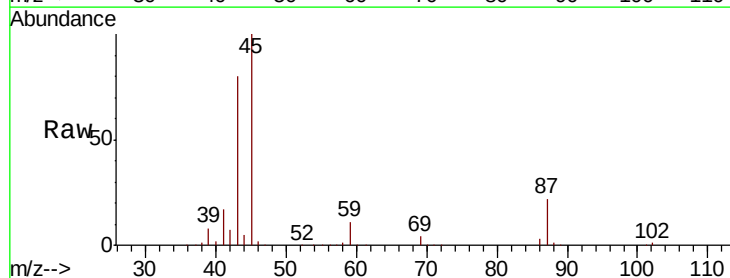
Ion Ratio Lower Upper

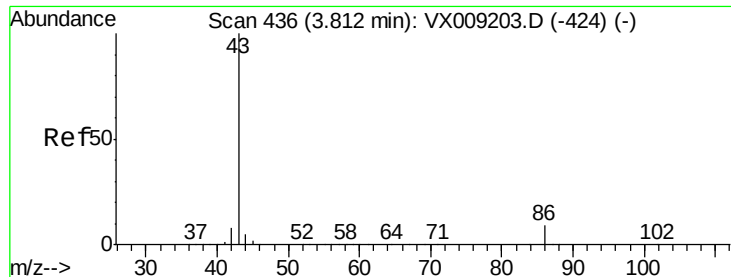
45 100

43 79.2 56.1 84.1

87 21.6 18.1 27.1

59 11.2 8.5 12.7





#23

Vinyl Acetate

Concen: 104.397 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

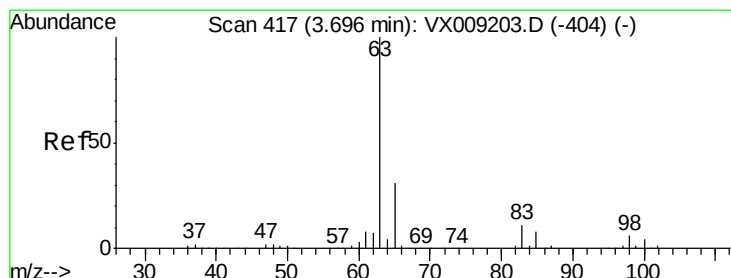
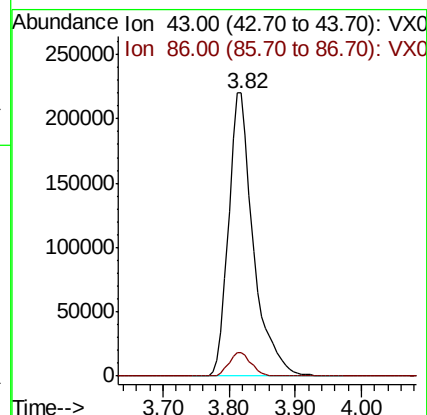
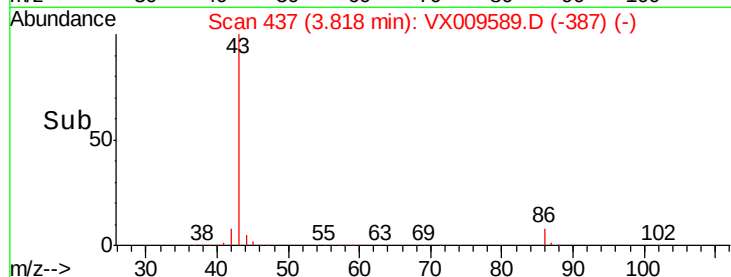
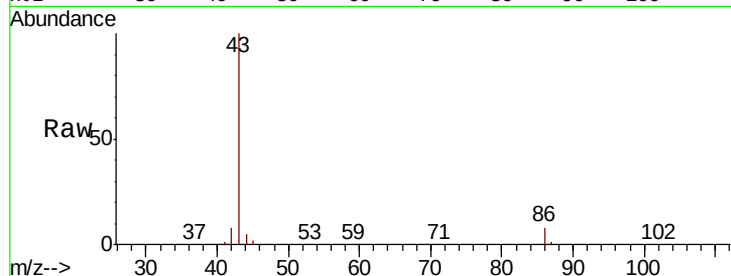
ClientSampled :

Tot Ion: 43 Resp: 572357

Ion Ratio Lower Upper

43 100

86 8.3 6.9 10.3



#24

1,1-Dichloroethane

Concen: 19.818 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

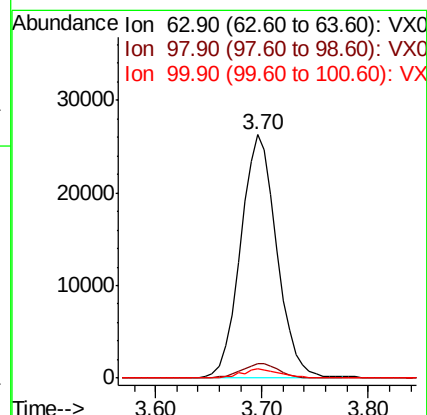
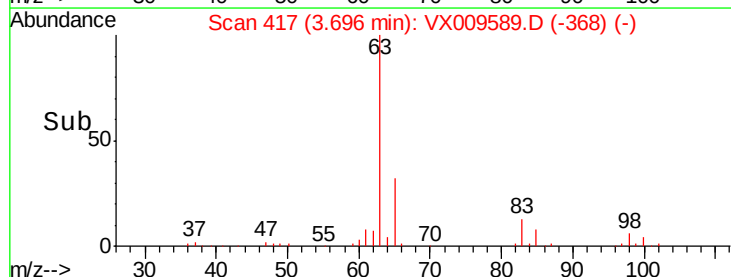
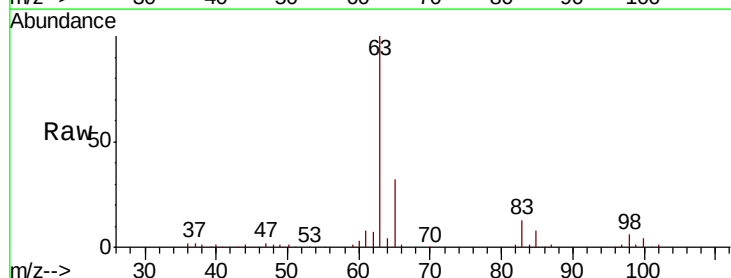
Tgt Ion: 63 Resp: 62595

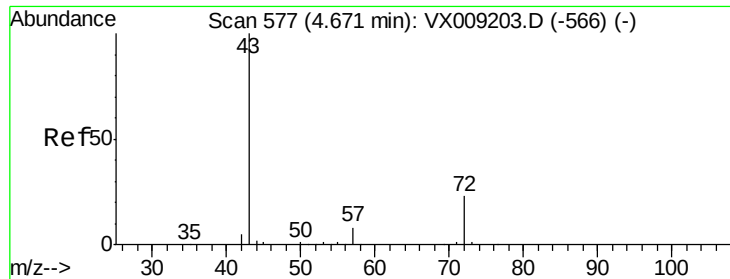
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 2.0 6.0





#25

2-Butanone

Concen: 107.801 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

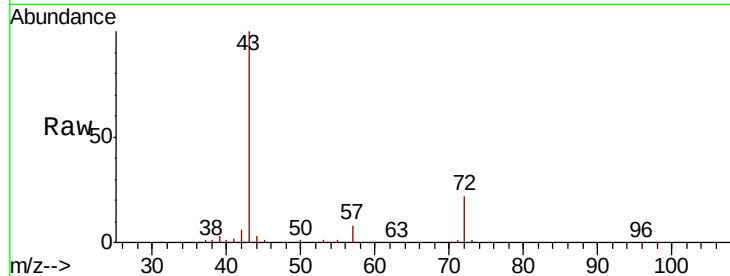
ClientSampled :

Tot Ion: 43 Resp: 178784

Ion Ratio Lower Upper

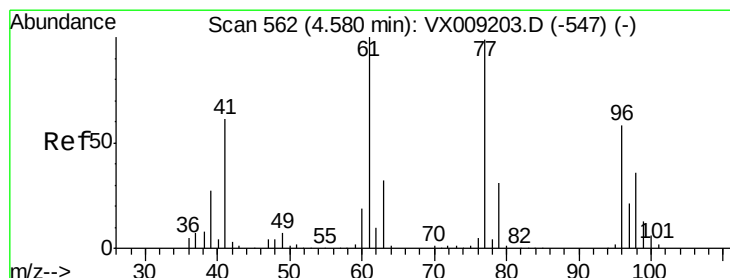
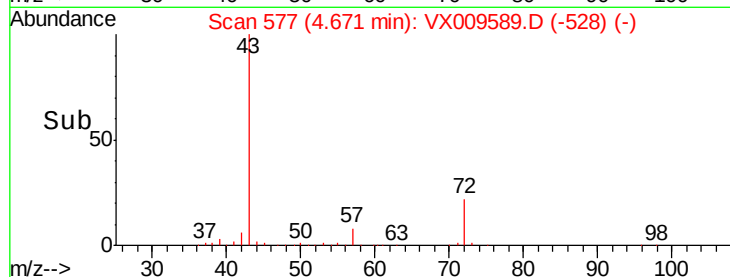
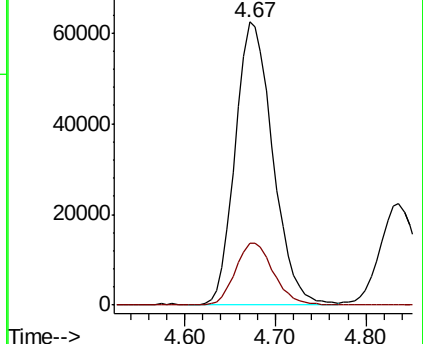
43 100

72 21.8 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: 16.459 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009589.D

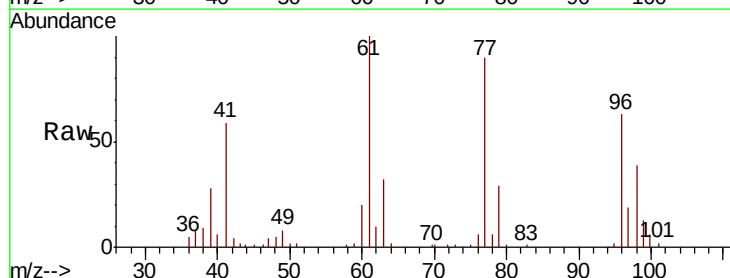
Acq: 15 May 2019 18:44

Tgt Ion: 77 Resp: 38694

Ion Ratio Lower Upper

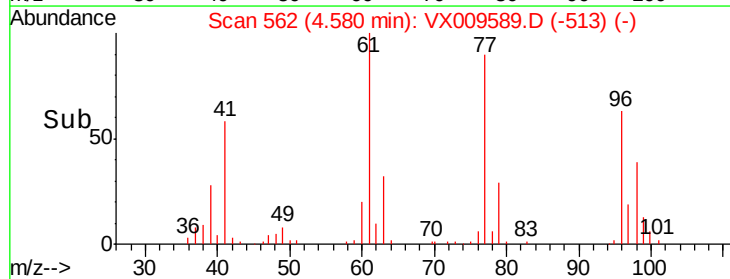
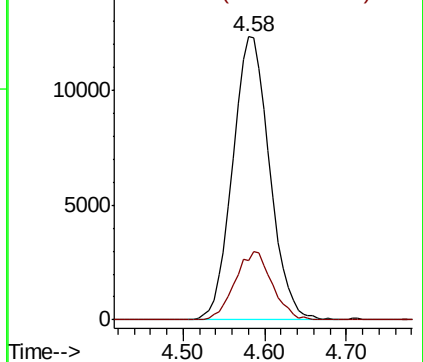
77 100

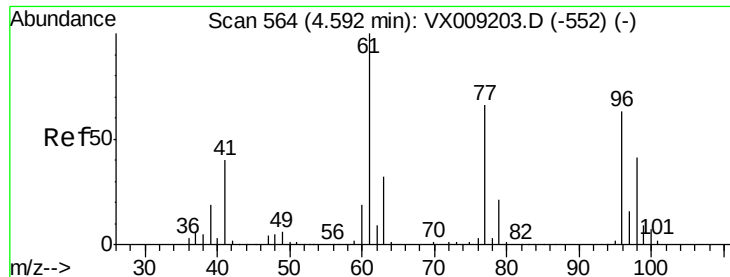
97 24.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



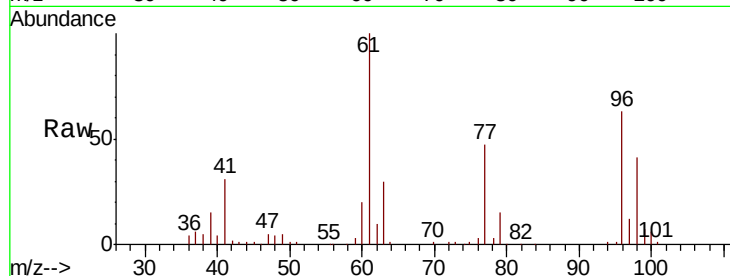


#27

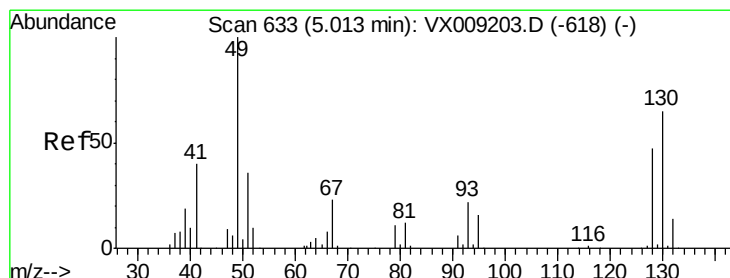
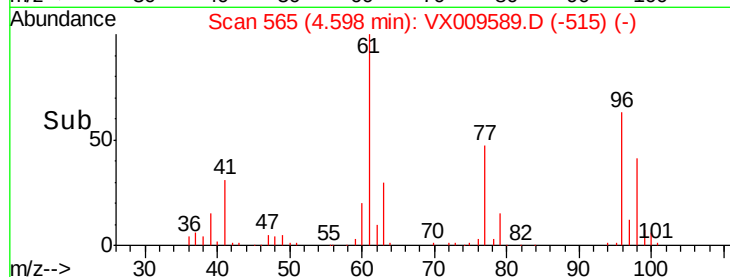
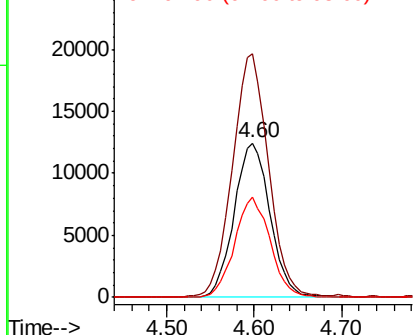
cis-1,2-Dichloroethene
 Concen: 20.059 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 35472
 Ion Ratio Lower Upper
 96 100
 61 159.0 0.0 324.0
 98 64.3 0.0 130.4



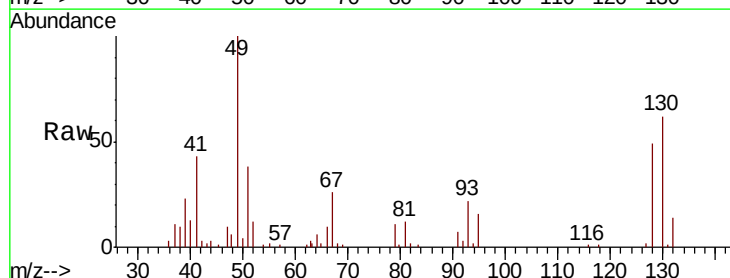
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



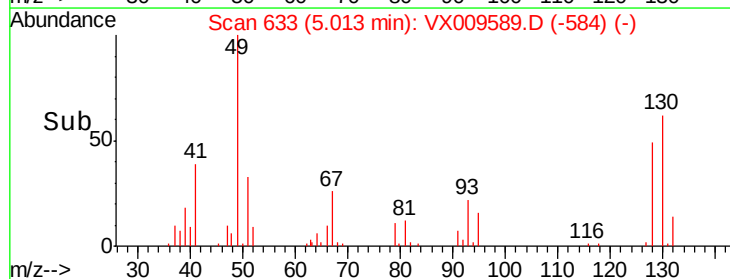
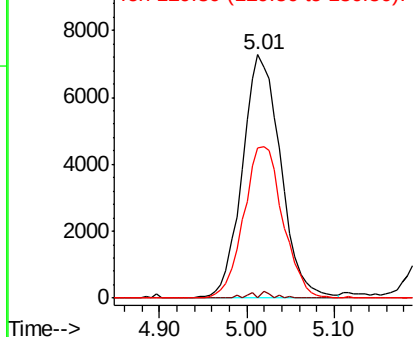
#28

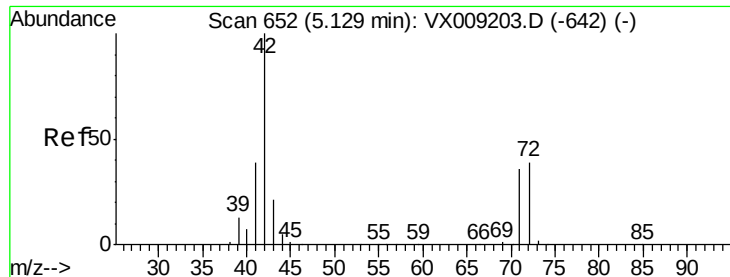
Bromochloromethane
 Concen: 15.580 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion: 49 Resp: 22208
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 63.7 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

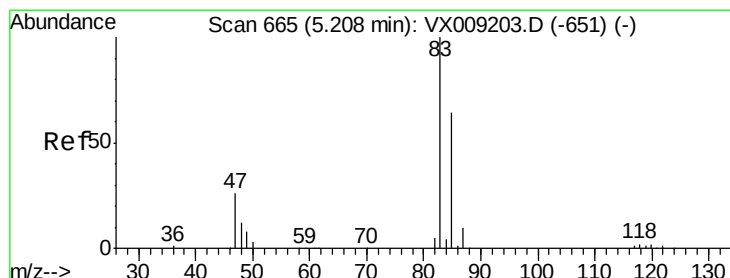
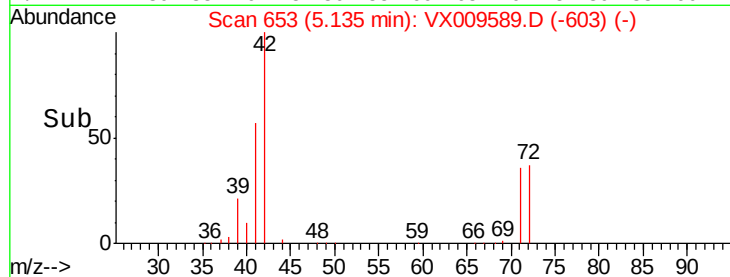
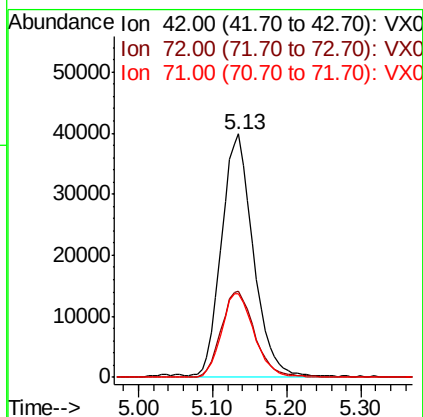
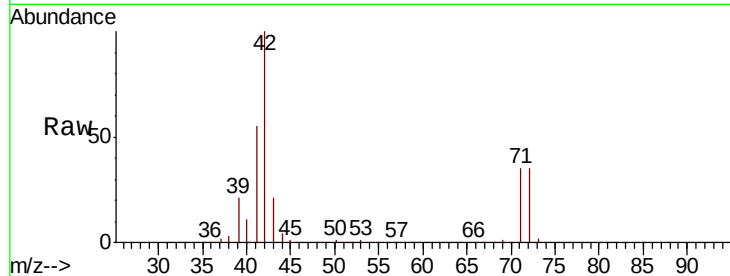




#29
Tetrahydrofuran
Concen: 110.296 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

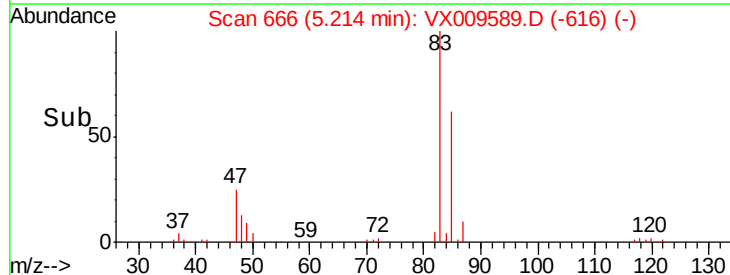
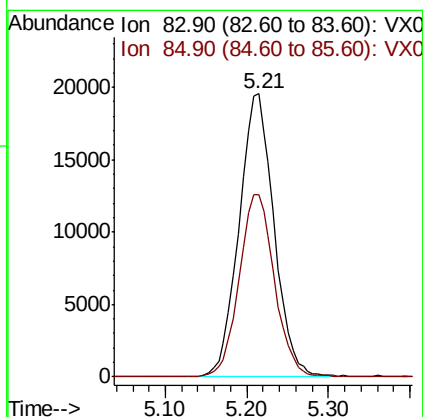
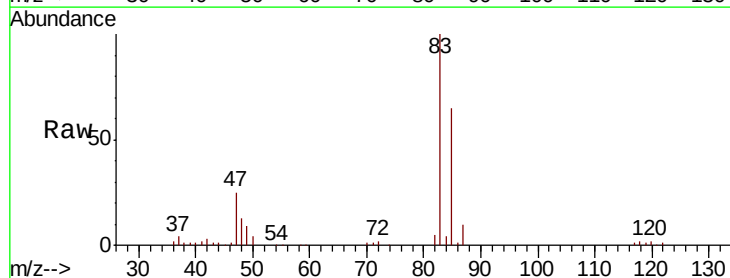
Instrument :
MSVOA_X
ClientSampleId :

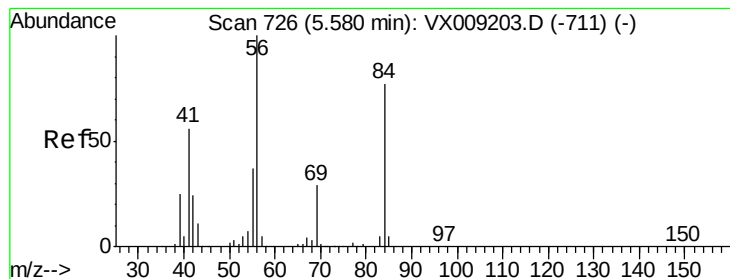
Tot Ion: 42 Resp: 117709
Ion Ratio Lower Upper
42 100
72 37.7 30.4 45.6
71 35.8 28.6 43.0



#30
Chloroform
Concen: 20.364 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 83 Resp: 58172
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3





#31

Cyclohexane

Concen: 19.906 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

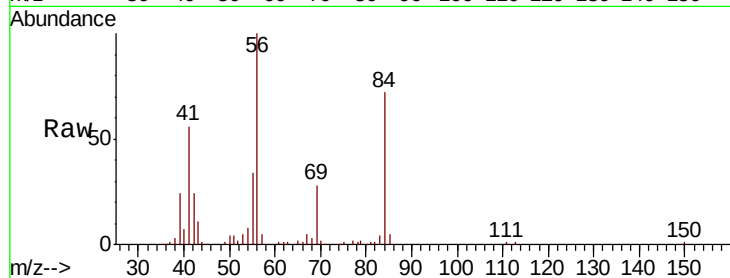
Tot Ion: 56 Resp: 58494

Ion Ratio Lower Upper

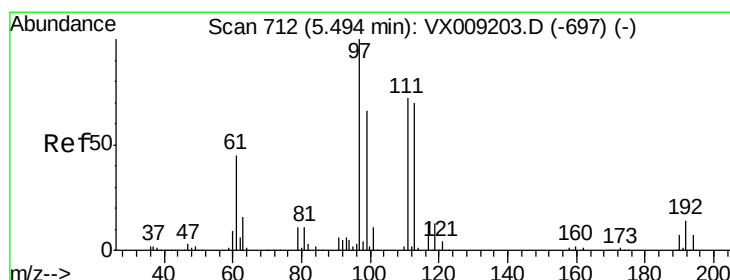
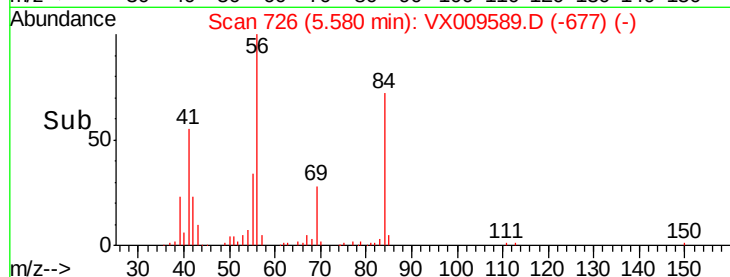
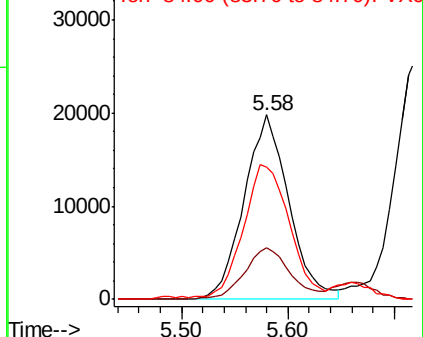
56 100

69 27.7 23.4 35.0

84 70.5 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.828 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

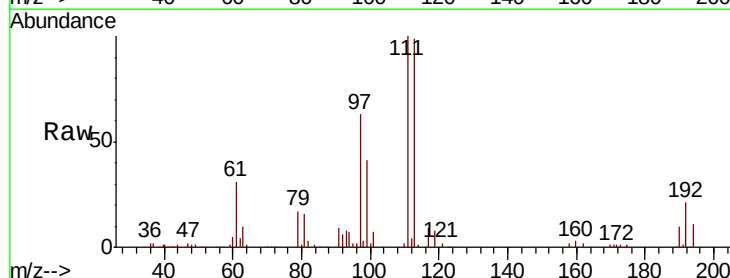
Tgt Ion: 97 Resp: 47150

Ion Ratio Lower Upper

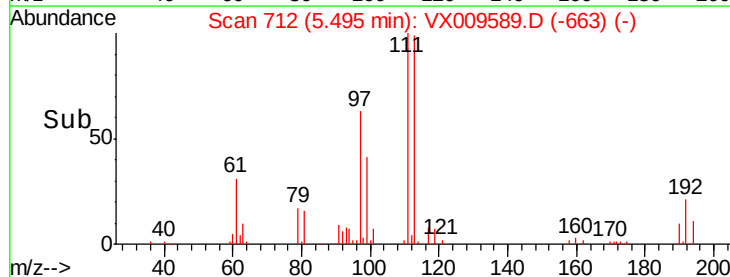
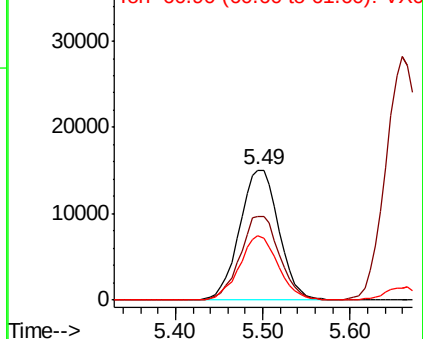
97 100

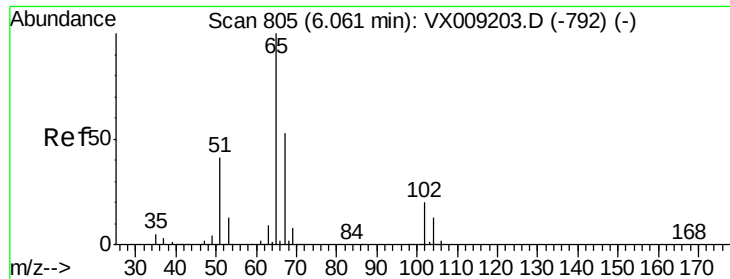
99 64.5 51.8 77.8

61 49.0 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

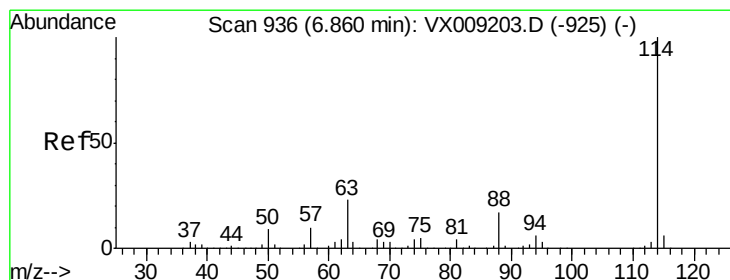
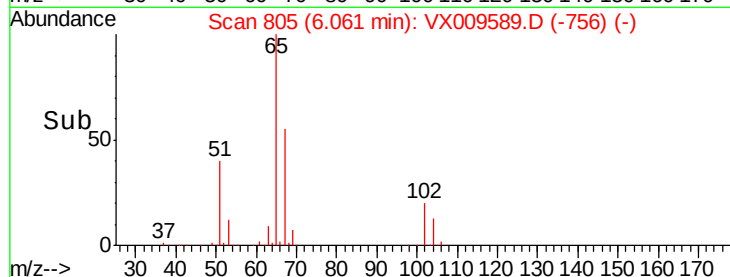
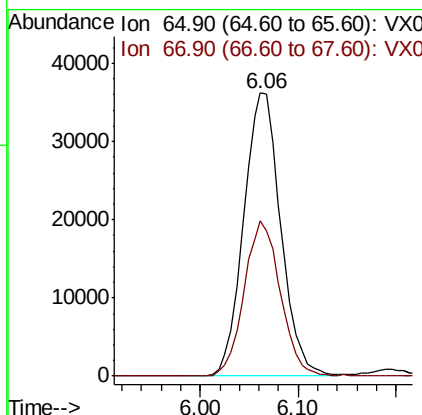
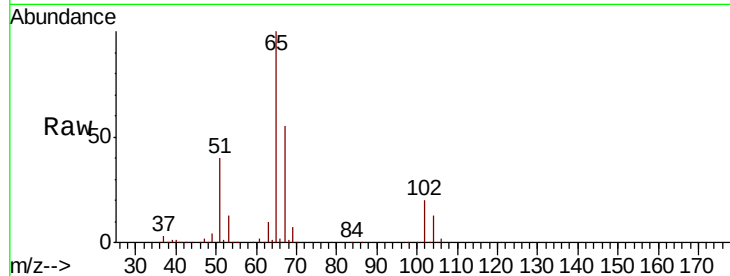




#33
 1,2-Dichloroethane-d4
 Concen: 47.969 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

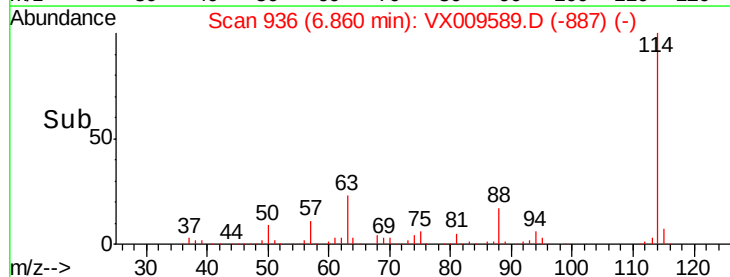
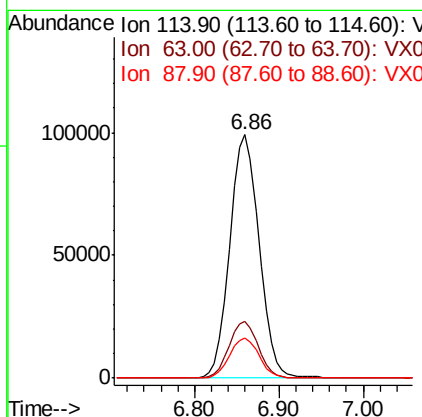
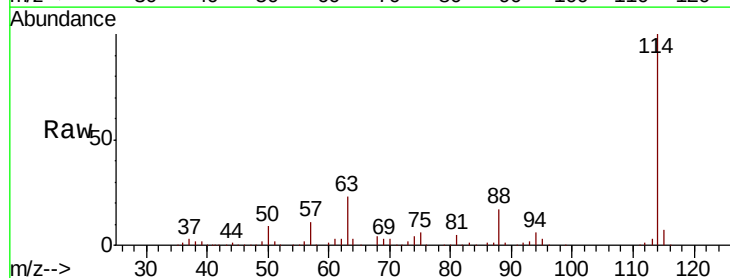
Instrument :
 MSVOA_X
 ClientSampleId :

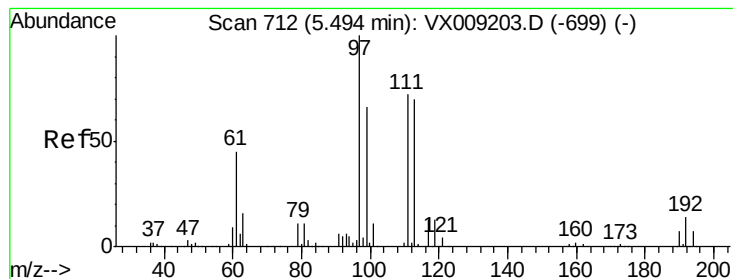
Tot Ion: 65 Resp: 95342
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion: 114 Resp: 234682
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.533 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

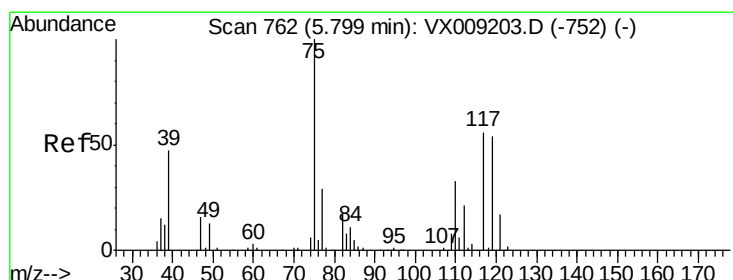
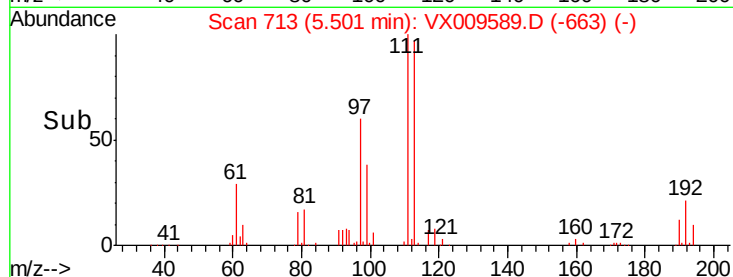
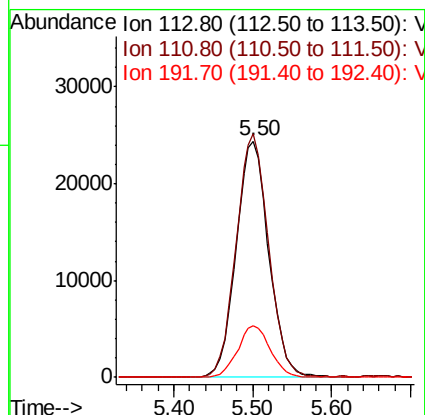
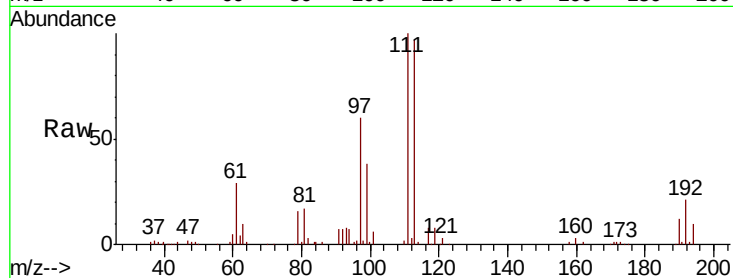
Tot Ion:113 Resp: 70126

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 19.412 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

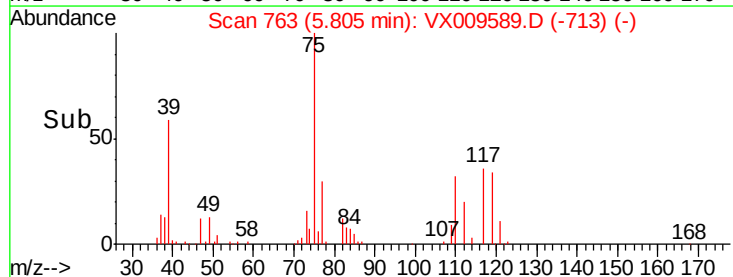
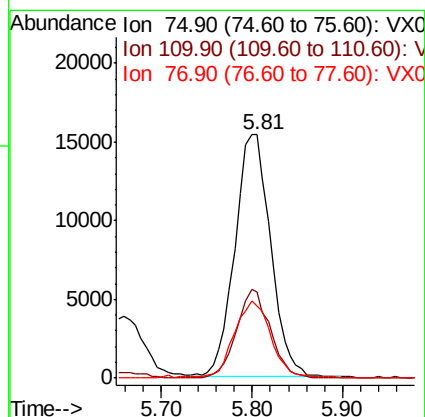
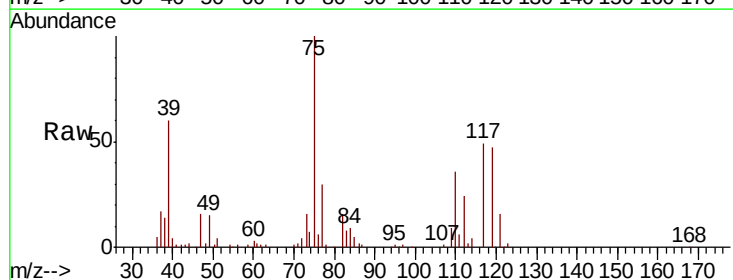
Tgt Ion: 75 Resp: 42337

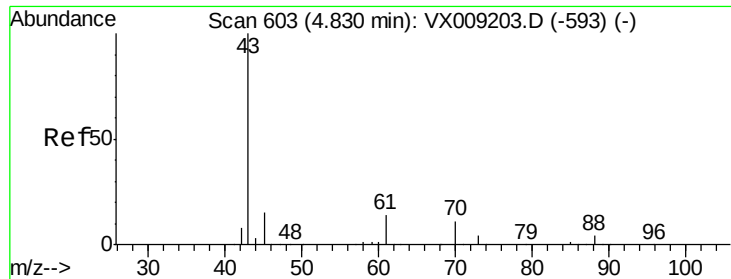
Ion Ratio Lower Upper

75 100

110 34.6 16.9 50.6

77 31.4 24.8 37.2

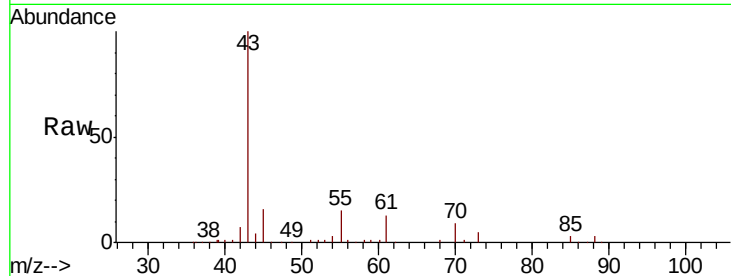




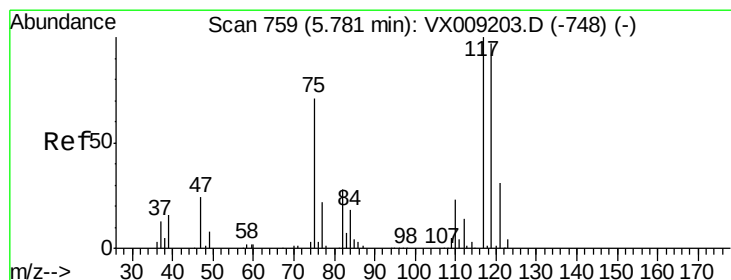
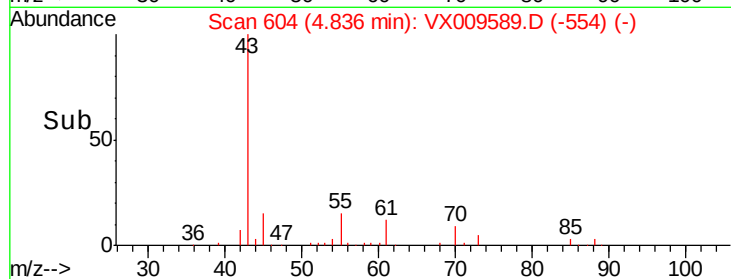
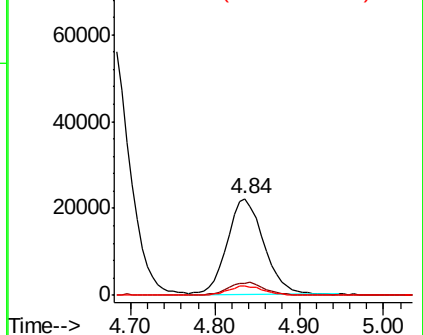
#37
Ethyl Acetate
Concen: 21.489 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 65298
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 9.4 7.9 11.9

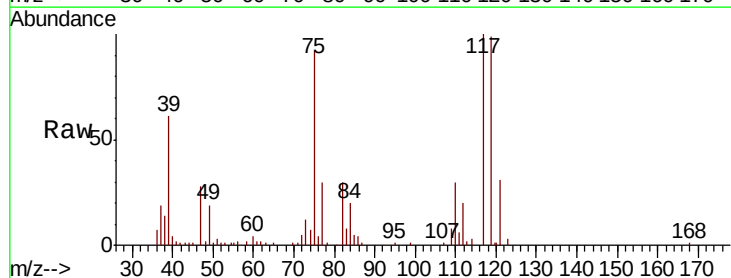


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

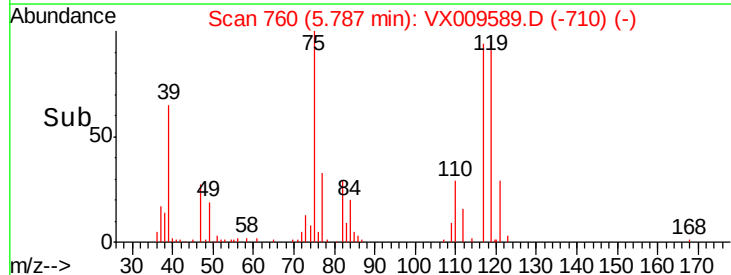
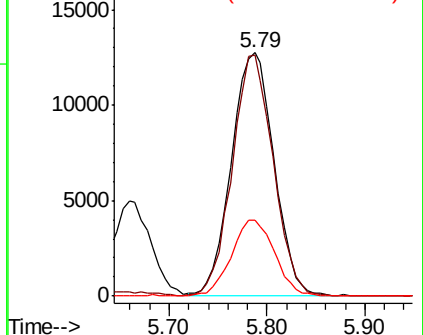


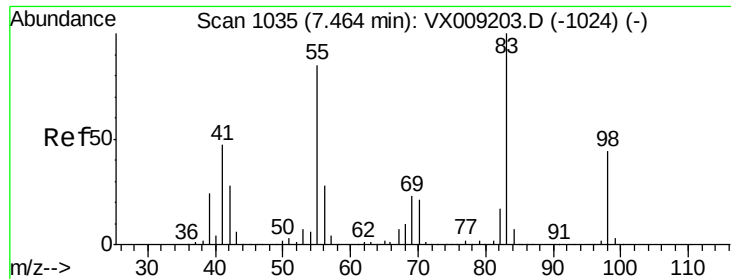
#38
Carbon Tetrachloride
Concen: 19.501 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 117 Resp: 38642
Ion Ratio Lower Upper
117 100
119 99.1 77.5 116.3
121 31.0 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

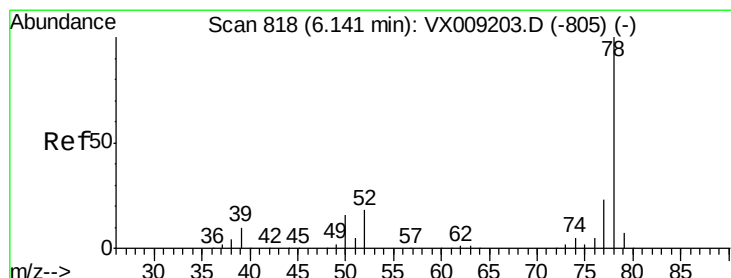
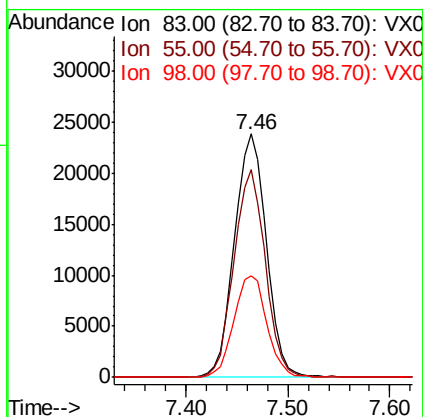
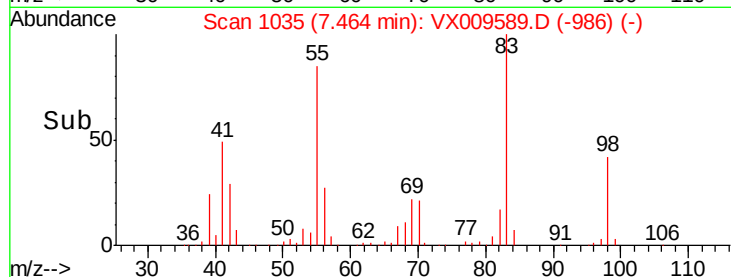
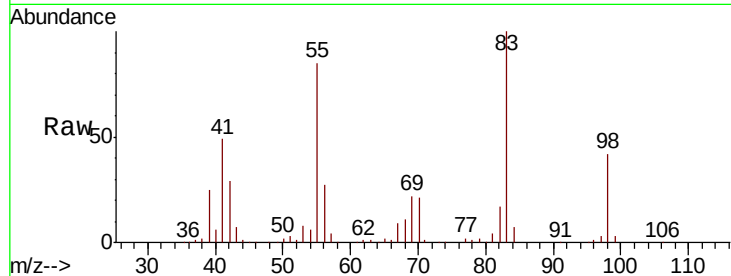




#39
Methylvlcyclohexane
Concen: 19.327 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

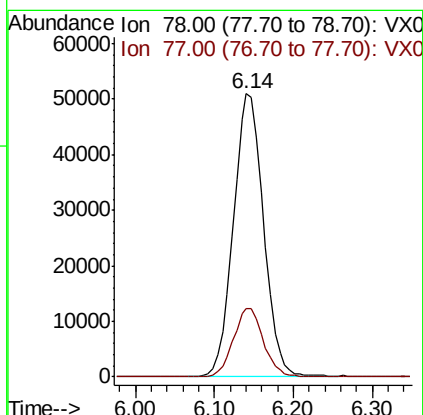
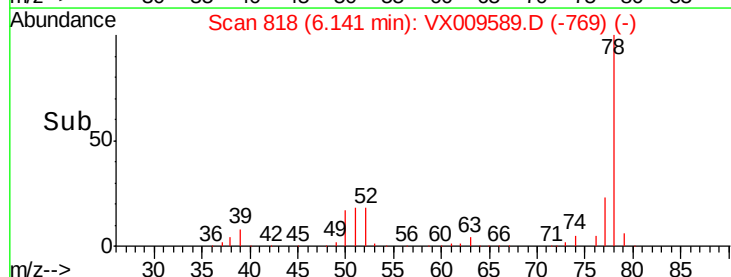
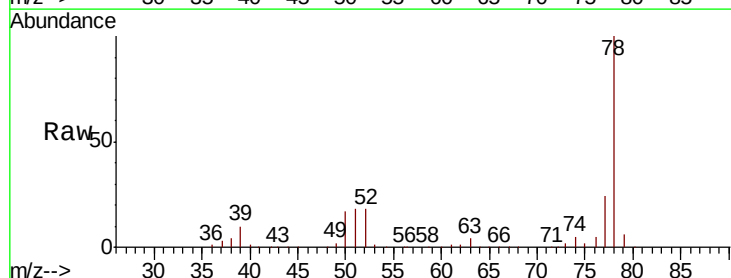
Instrument :
MSVOA_X
ClientSampleId :

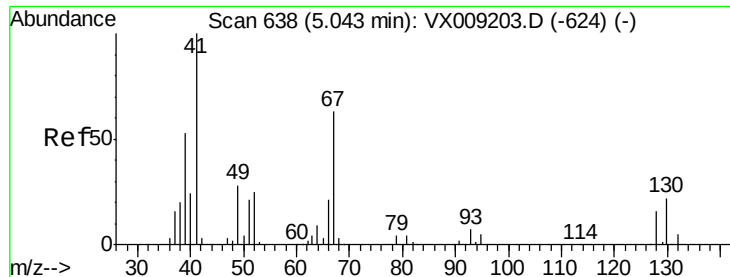
Tot Ion: 83 Resp: 51765
Ion Ratio Lower Upper
83 100
55 85.2 67.7 101.5
98 41.6 35.5 53.3



#40
Benzene
Concen: 20.080 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 78 Resp: 135534
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

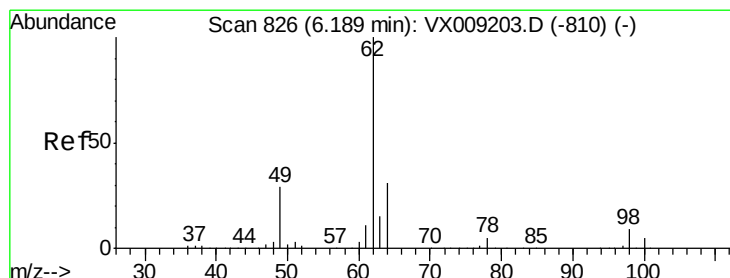
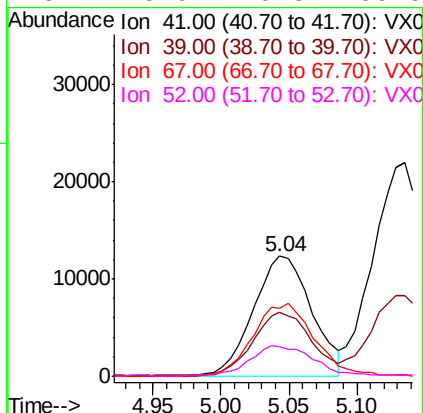
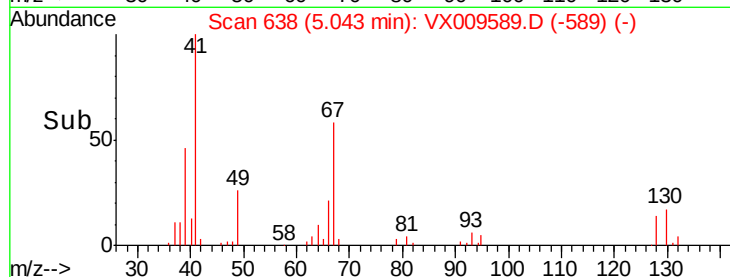
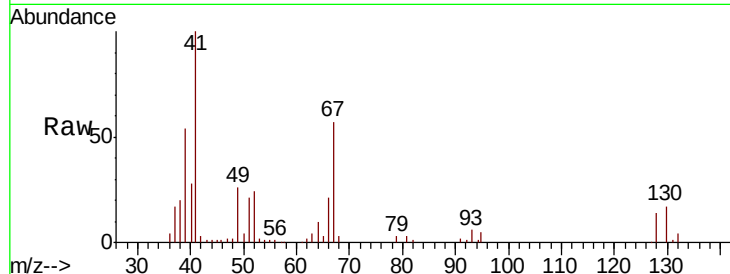




#41
Methacrylonitrile
Concen: 20.502 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

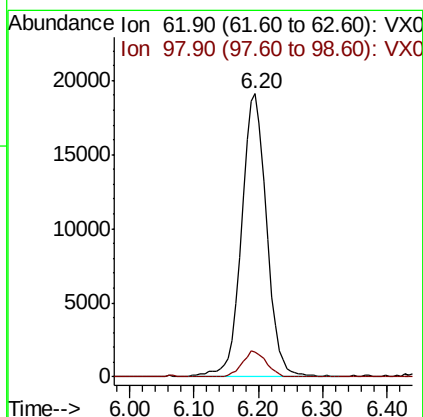
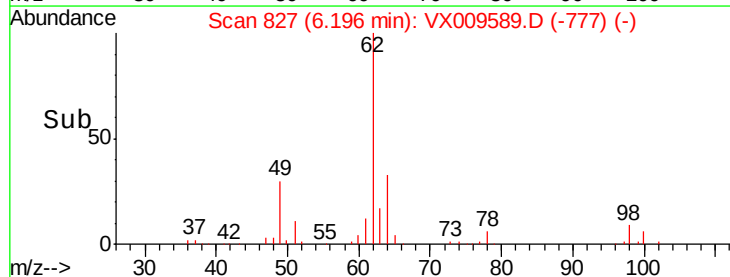
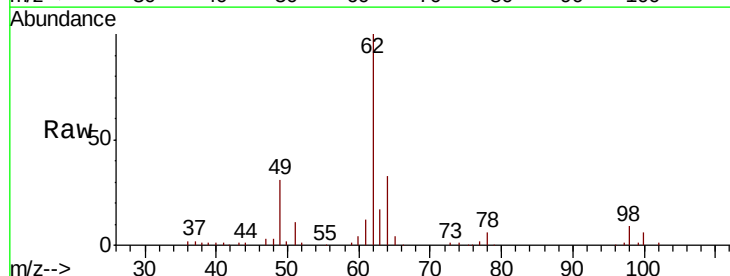
Instrument :
MSVOA_X
ClientSampleId :

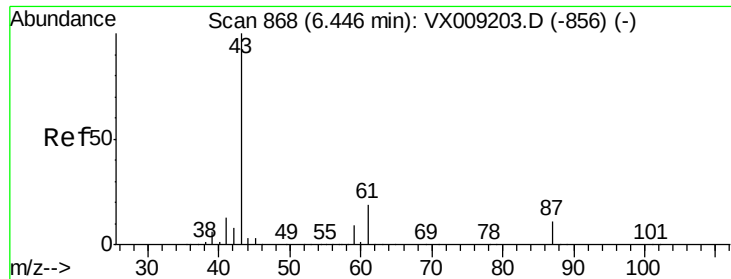
Tot Ion:	41	Resp:	37085
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.0	63.0
67	63.6	49.8	74.8
52	28.0	20.3	30.5



#42
1,2-Dichloroethane
Concen: 21.066 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion:	62	Resp:	51005
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 21.068 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampled :

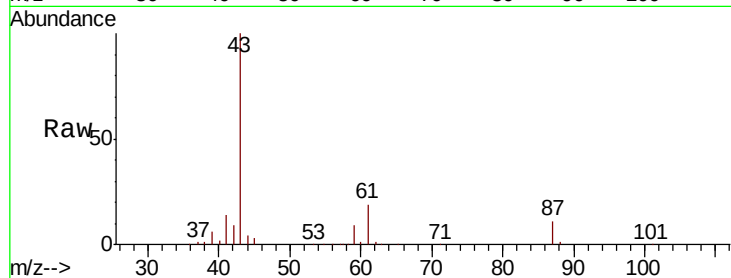
Tot Ion: 43 Resp: 102400

Ion Ratio Lower Upper

43 100

61 18.3 15.1 22.7

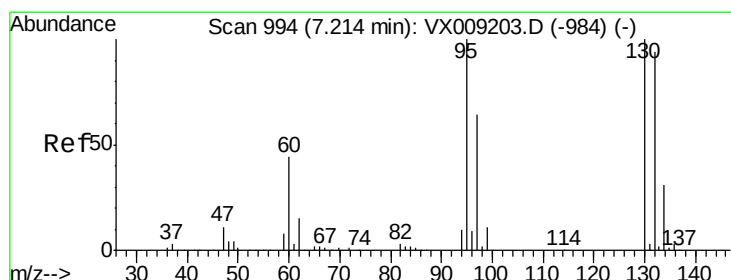
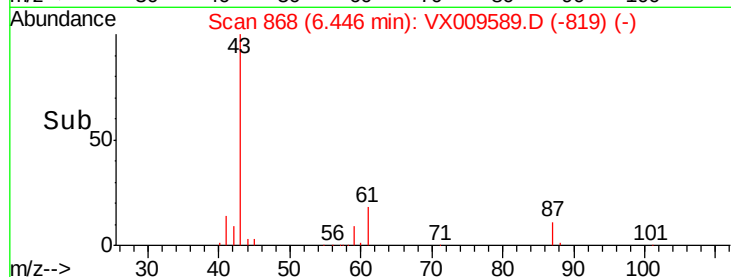
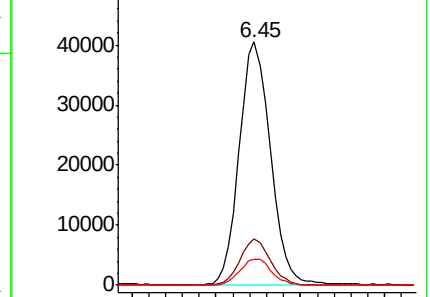
87 11.1 9.0 13.6



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: 19.489 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009589.D

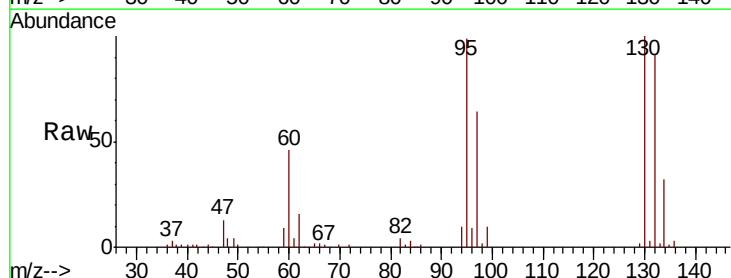
Acq: 15 May 2019 18:44

Tgt Ion:130 Resp: 31801

Ion Ratio Lower Upper

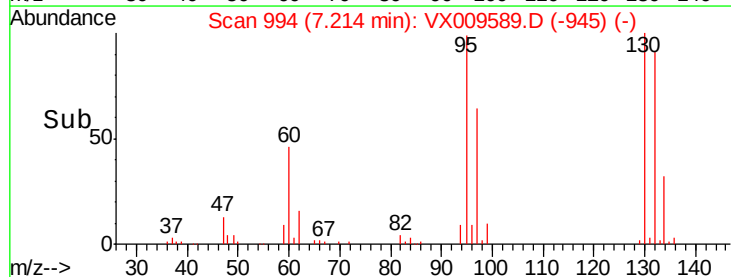
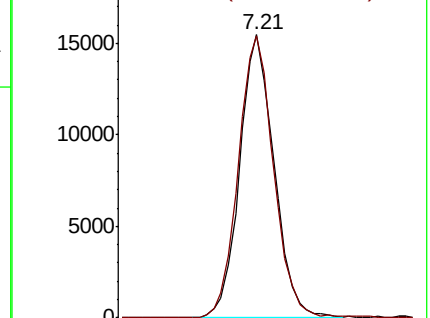
130 100

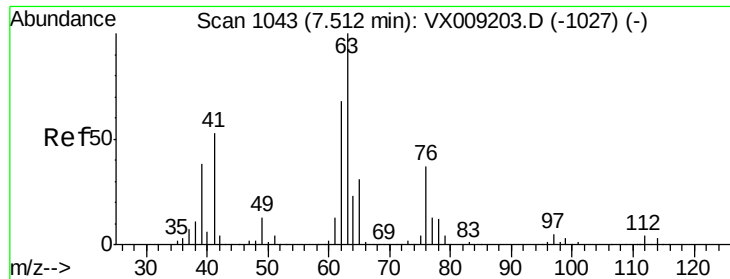
95 99.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

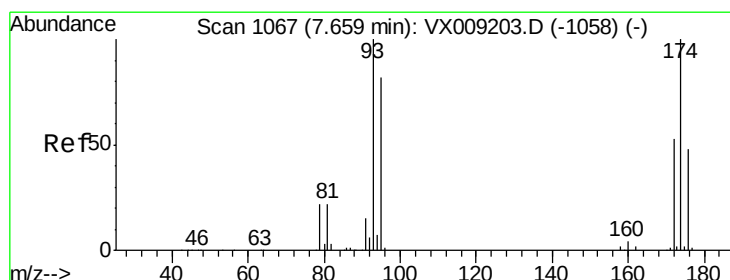
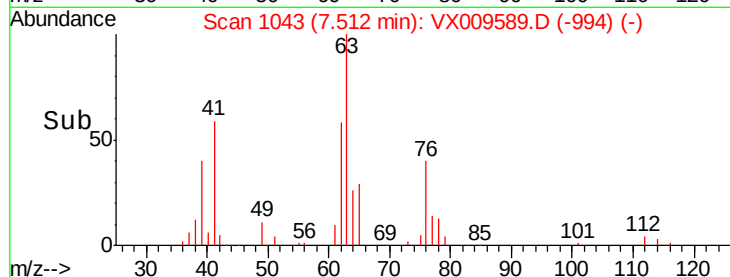
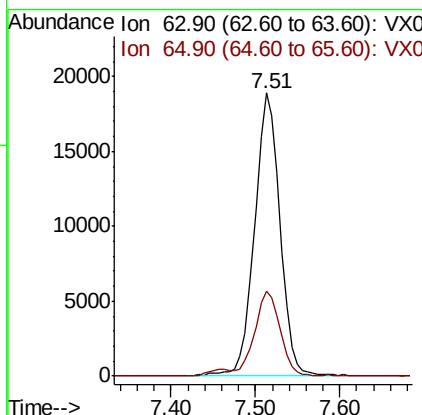
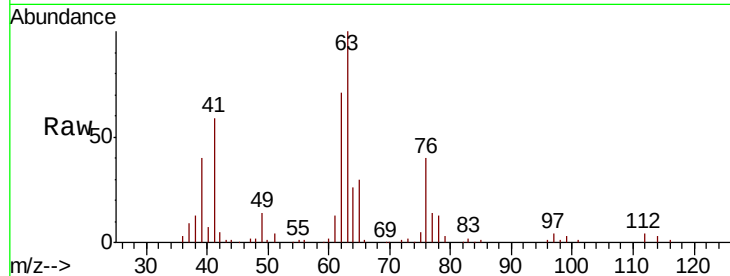




#45
 1,2-Dichloropropane
 Concen: 20.369 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

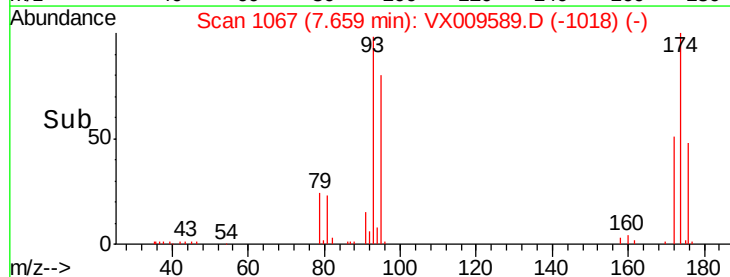
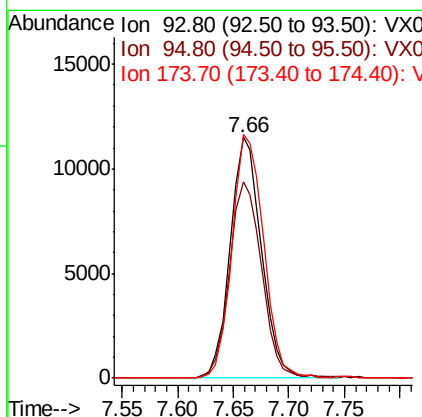
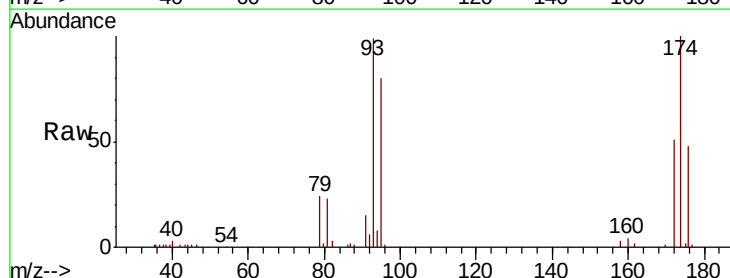
Instrument :
 MSVOA_X
 ClientSampleId :

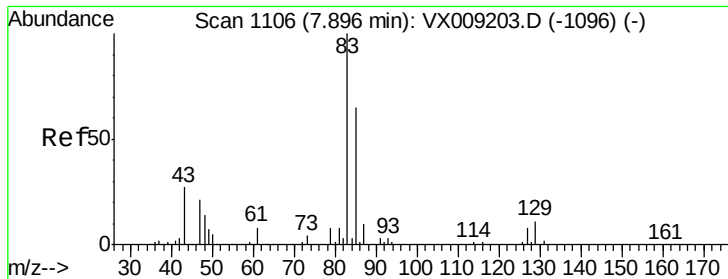
Tot Ion: 63 Resp: 38929
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 20.124 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion: 93 Resp: 22335
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.5 99.7
 174 102.4 82.1 123.1





#47

Bromodichloromethane

Concen: 19.614 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :

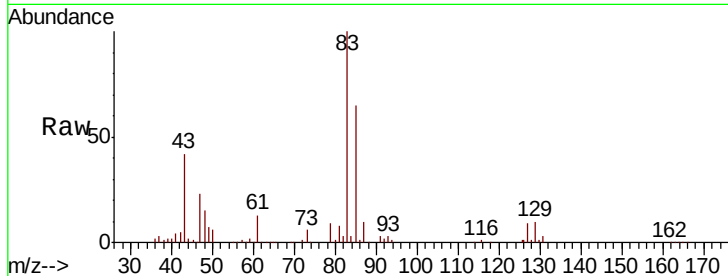
Tot Ion: 83 Resp: 43423

Ion Ratio Lower Upper

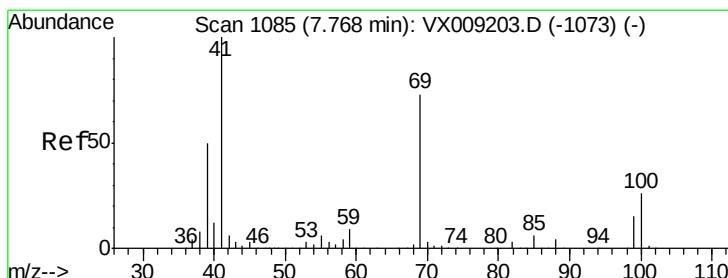
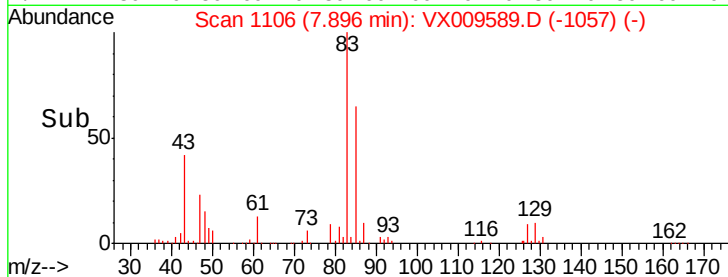
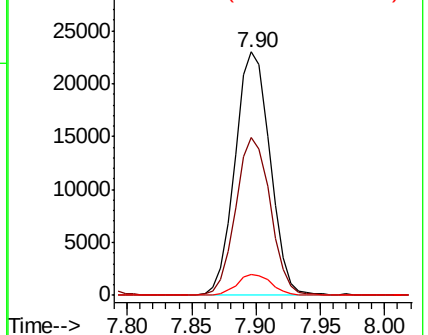
83 100

85 65.1 52.4 78.6

127 8.6 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: 20.898 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

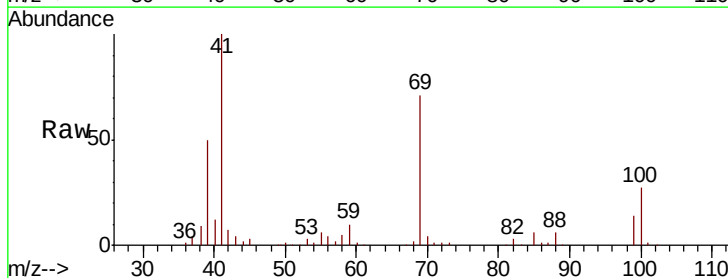
Tgt Ion: 41 Resp: 50394

Ion Ratio Lower Upper

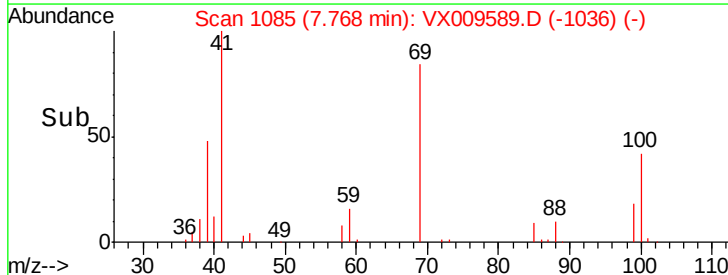
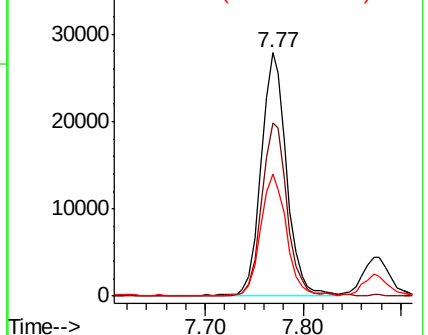
41 100

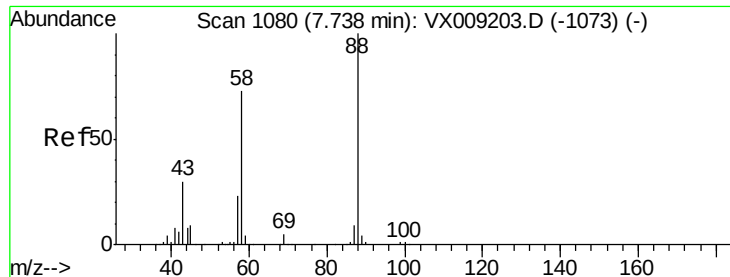
69 72.1 59.1 88.7

39 51.4 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: 447.248 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

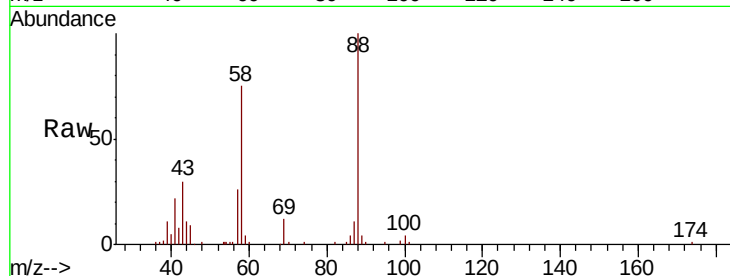
Tot Ion: 88 Resp: 21872

Ion Ratio Lower Upper

88 100

43 38.8 28.6 42.8

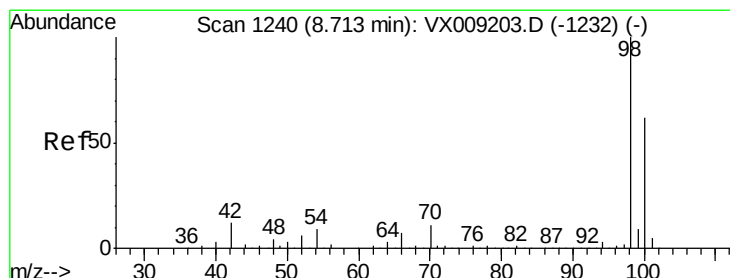
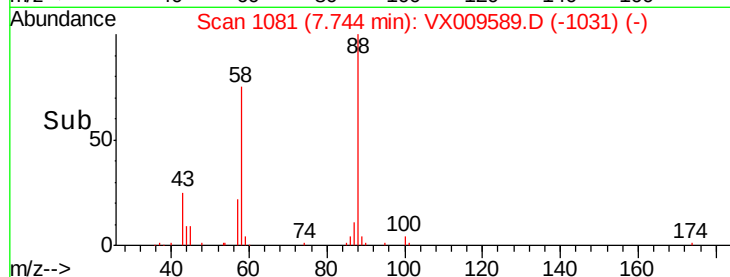
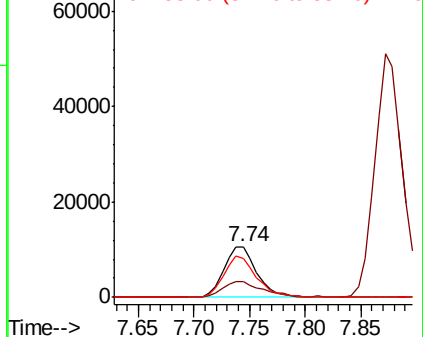
58 80.4 61.7 92.5



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



#50

Toluene-d8

Concen: 46.598 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009589.D

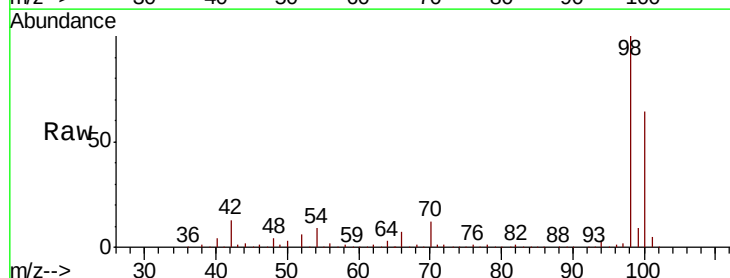
Acq: 15 May 2019 18:44

Tgt Ion: 98 Resp: 277543

Ion Ratio Lower Upper

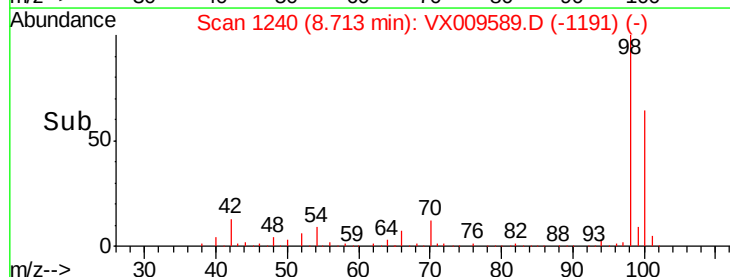
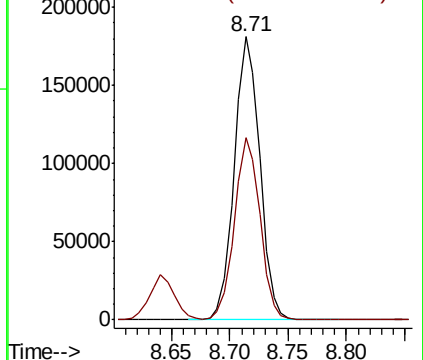
98 100

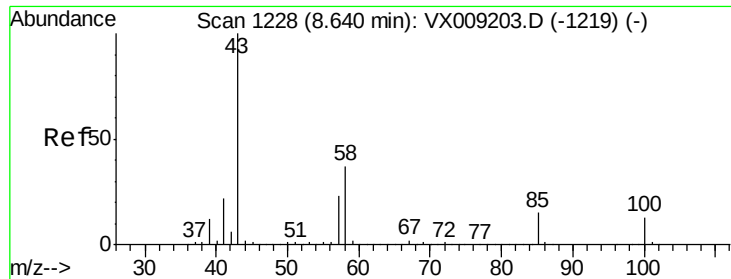
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 108.498 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

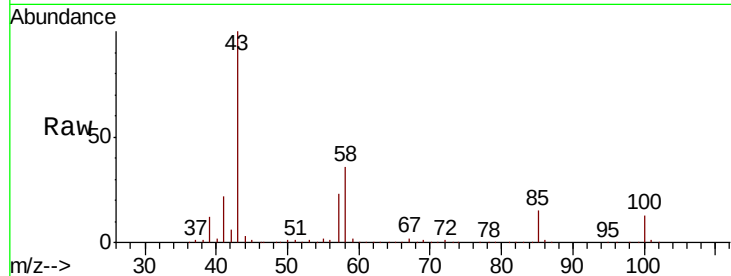
ClientSampleId :

Tot Ion: 43 Resp: 344692

Ion Ratio Lower Upper

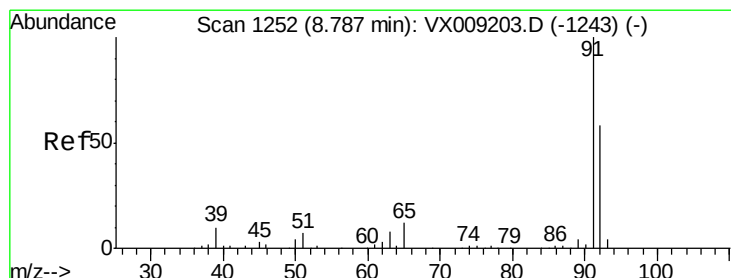
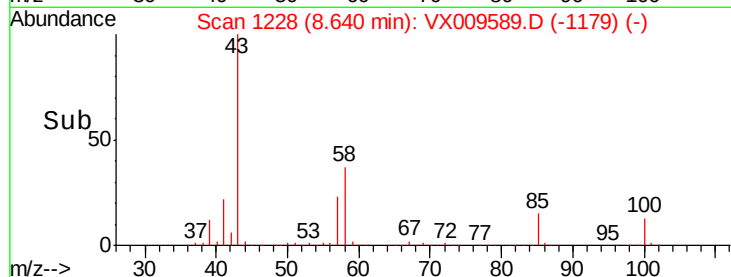
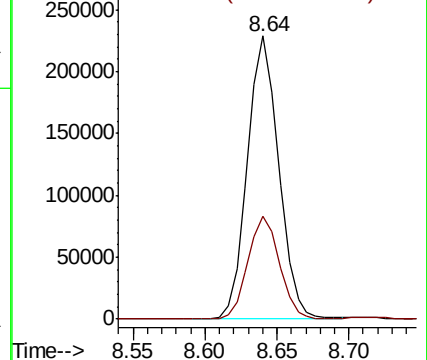
43 100

58 36.7 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: 20.277 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009589.D

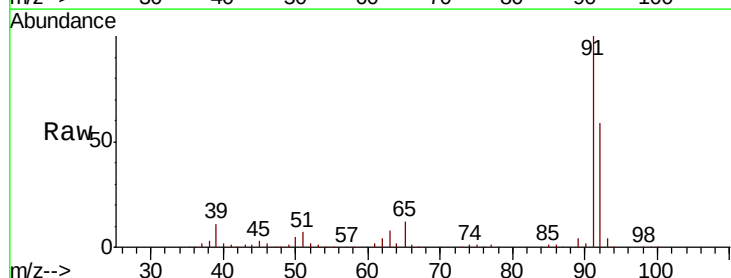
Acq: 15 May 2019 18:44

Tgt Ion: 92 Resp: 83196

Ion Ratio Lower Upper

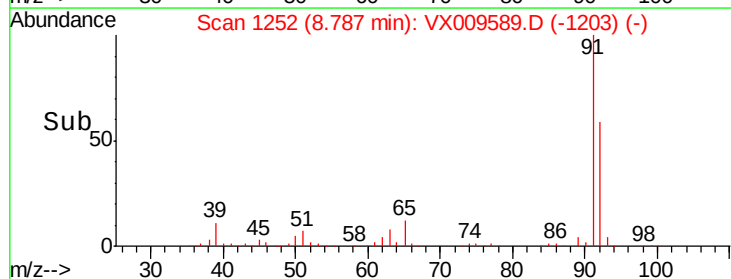
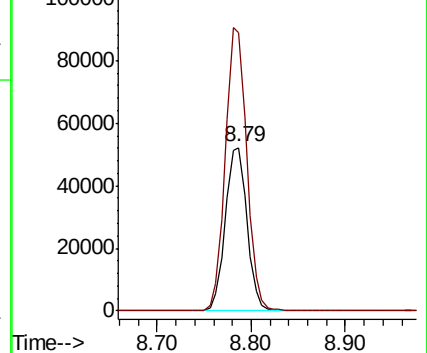
92 100

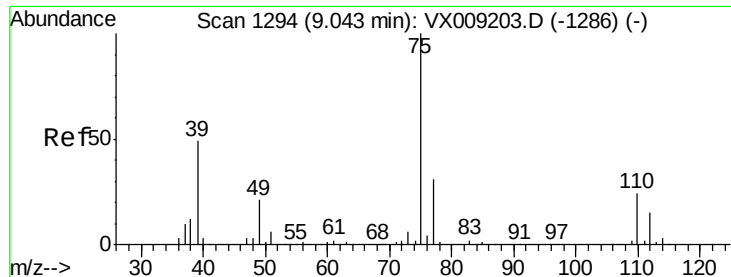
91 172.0 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

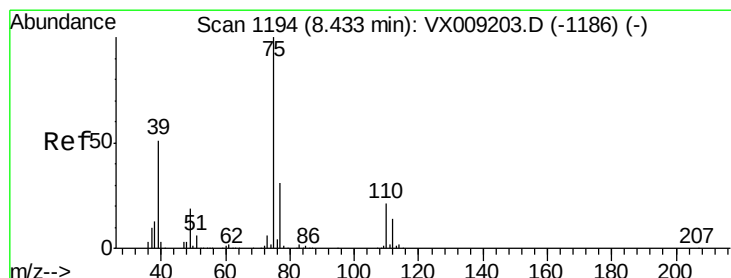
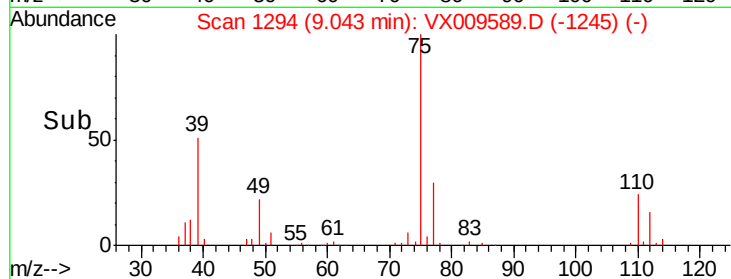
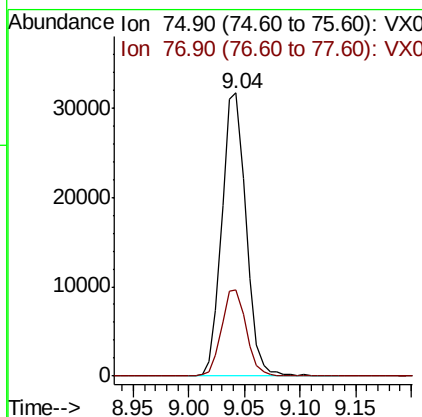
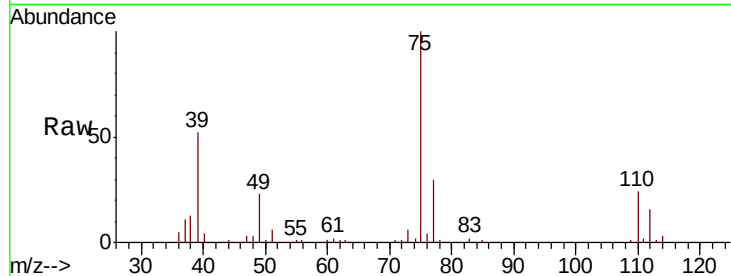




#53
t-1,3-Dichloropropene
Concen: 19.129 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

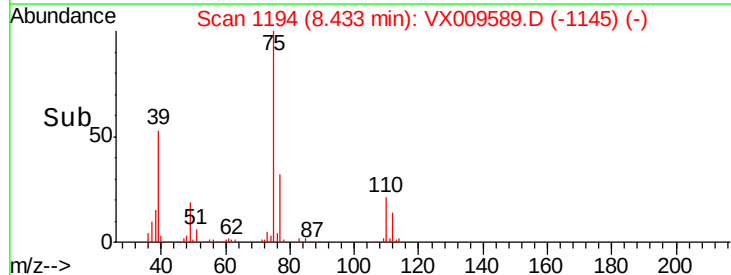
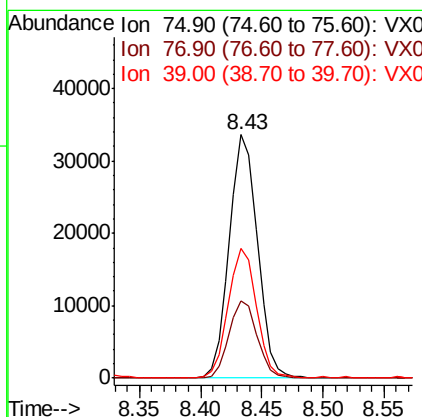
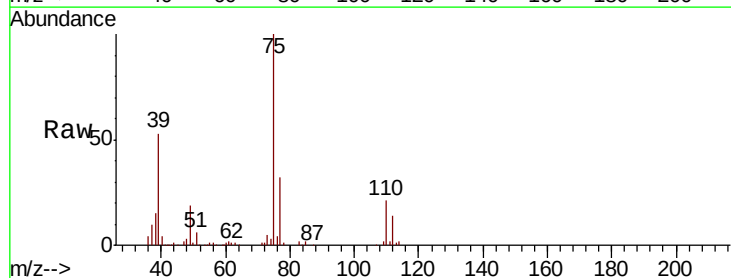
Instrument :
MSVOA_X
ClientSampleId :

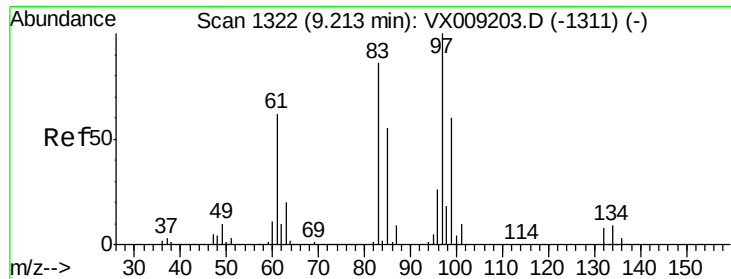
Tot Ion: 75 Resp: 47813
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.414 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 75 Resp: 53709
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 53.0 40.6 60.8

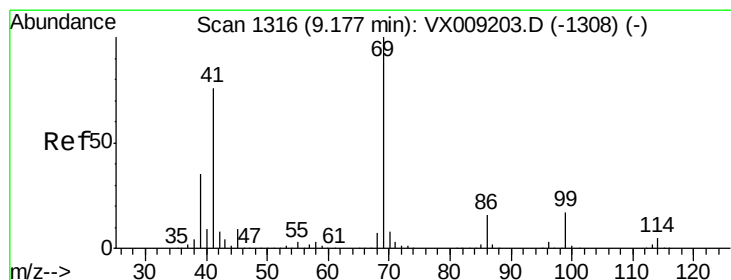
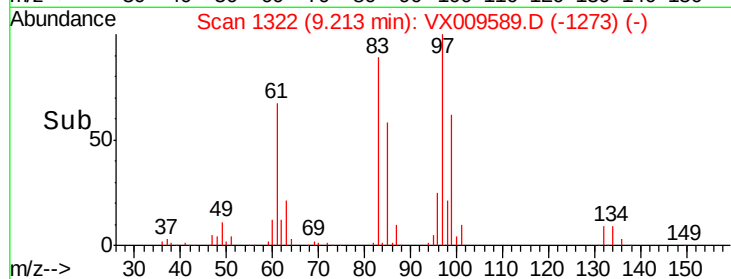
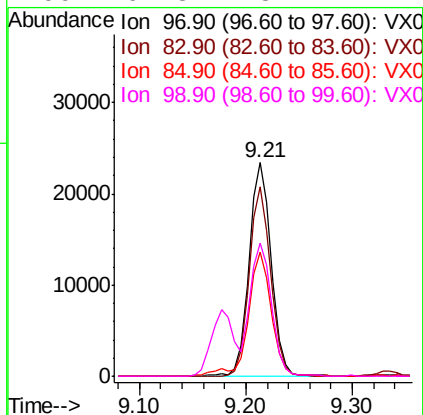
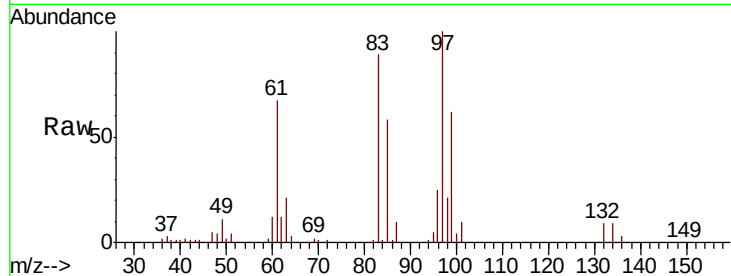




#55
 1,1,2-Trichloroethane
 Concen: 20.433 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

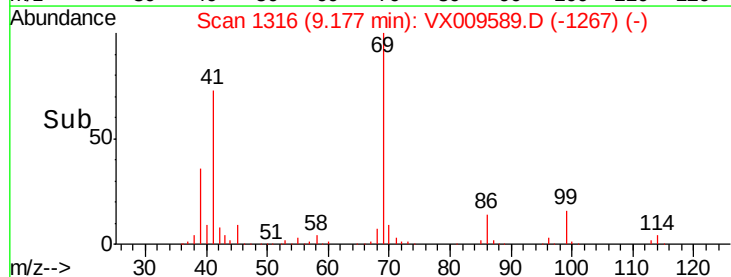
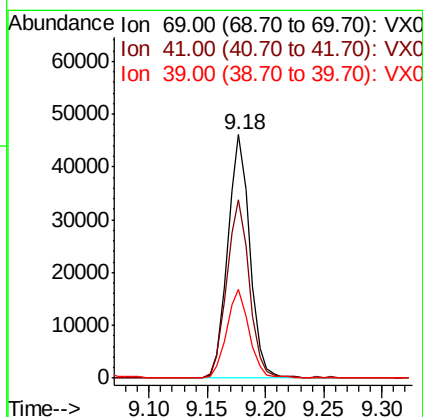
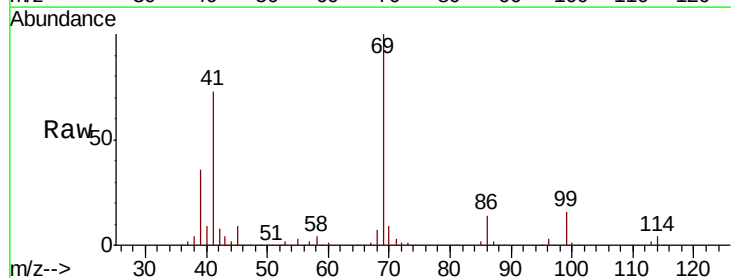
Instrument :
 MSVOA_X
 ClientSampleId :

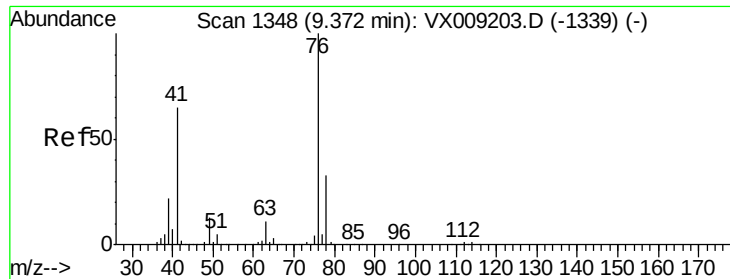
Tot Ion:	97	Resp:	34202
Ion	Ratio	Lower	Upper
97	100		
83	88.9	68.9	103.3
85	58.1	43.8	65.6
99	62.3	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 20.419 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion:	69	Resp:	61012
Ion	Ratio	Lower	Upper
69	100		
41	74.1	60.6	90.8
39	36.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.304 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

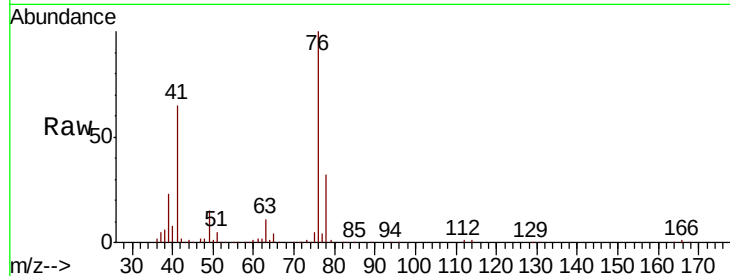
ClientSampleId :

Tot Ion: 76 Resp: 59806

Ion Ratio Lower Upper

76 100

78 32.1 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

40000

30000

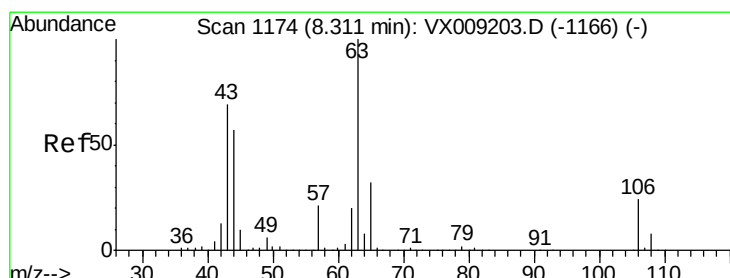
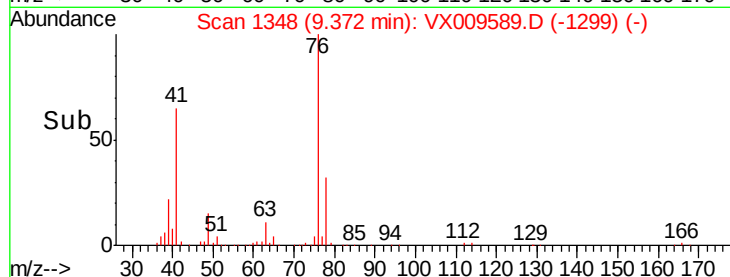
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.285 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009589.D

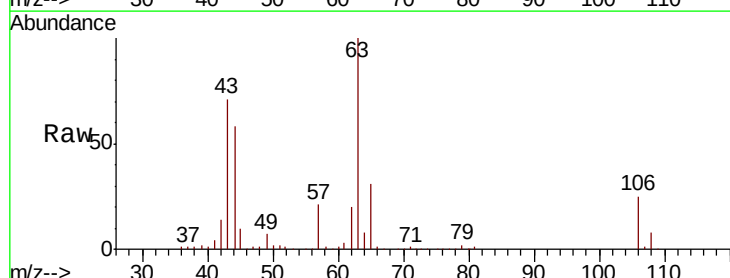
Acq: 15 May 2019 18:44

Tgt Ion: 63 Resp: 146280

Ion Ratio Lower Upper

63 100

106 24.5 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

100000

80000

60000

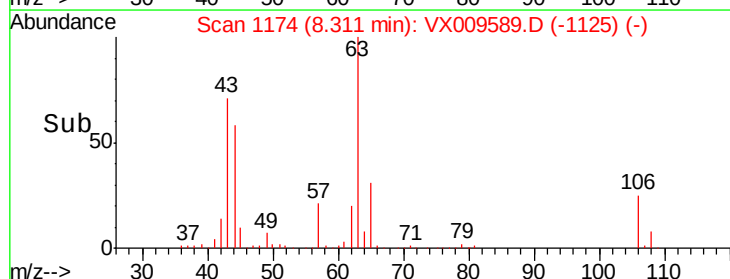
40000

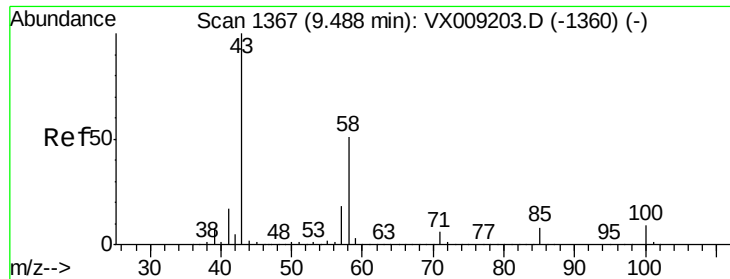
20000

0

8.20 8.30 8.40

Time-->

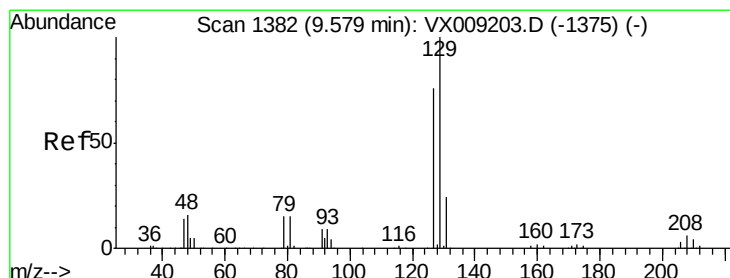
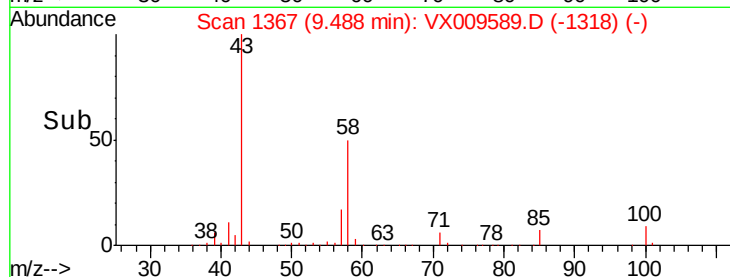
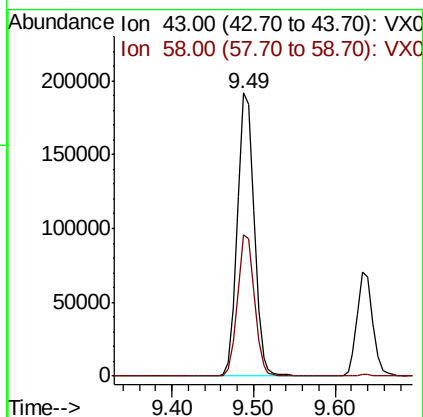
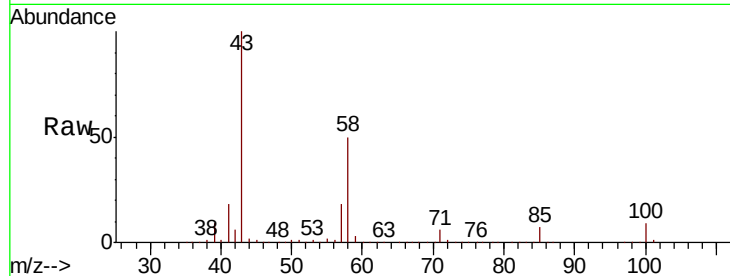




#59
2-Hexanone
Concen: 108.415 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

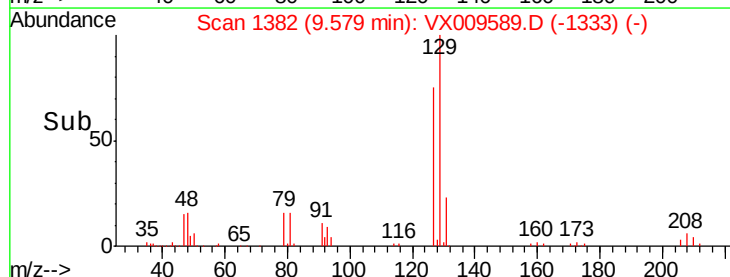
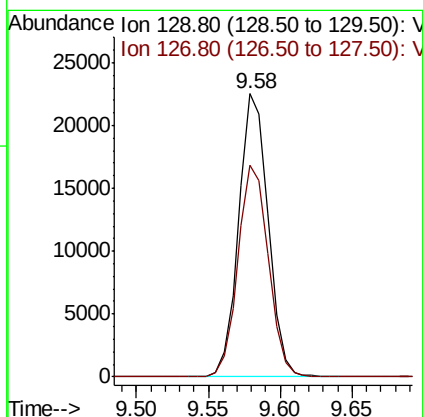
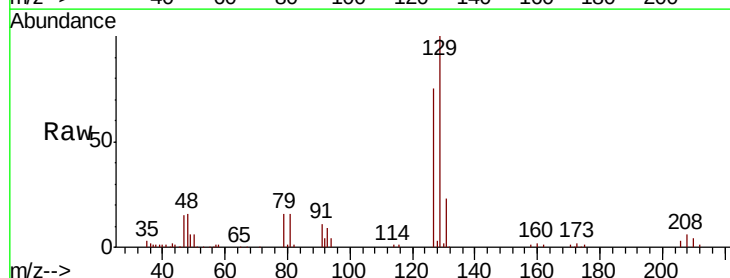
Instrument :
MSVOA_X
ClientSampled :

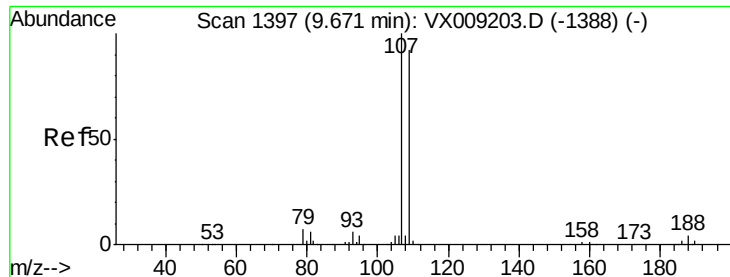
Tot Ion: 43 Resp: 270509
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.7



#60
Dibromochloromethane
Concen: 19.585 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 129 Resp: 32019
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1

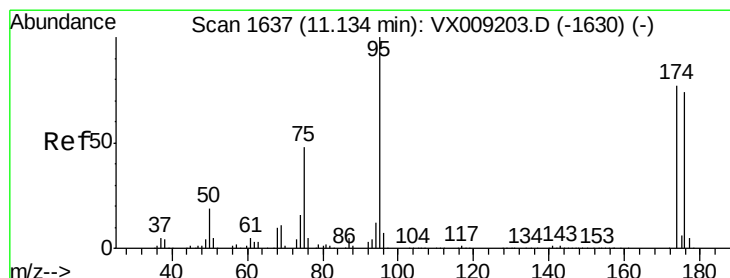
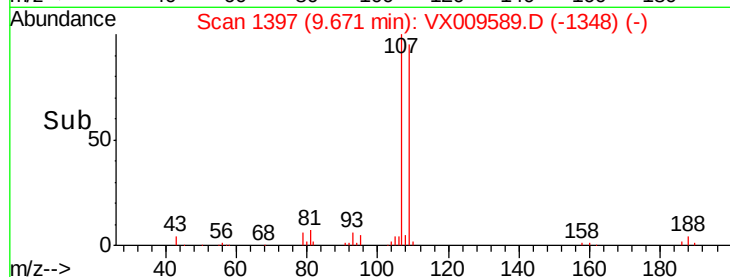
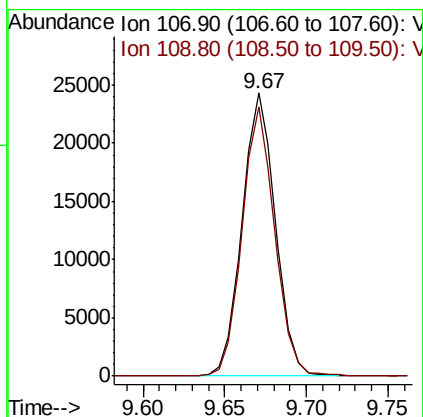
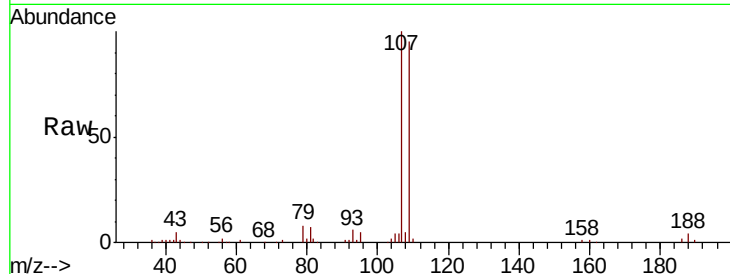




#61
 1,2-Dibromoethane
 Concen: 20.479 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

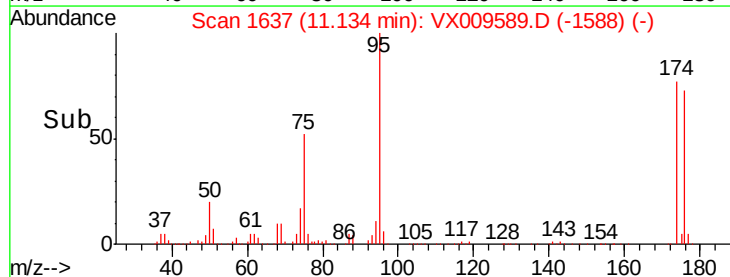
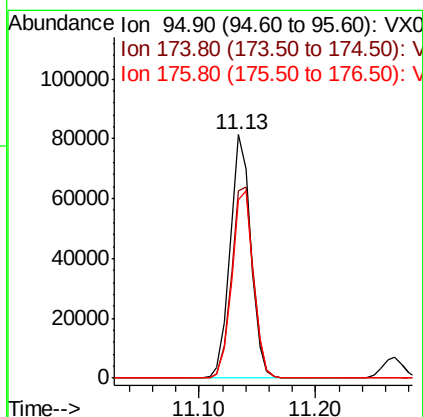
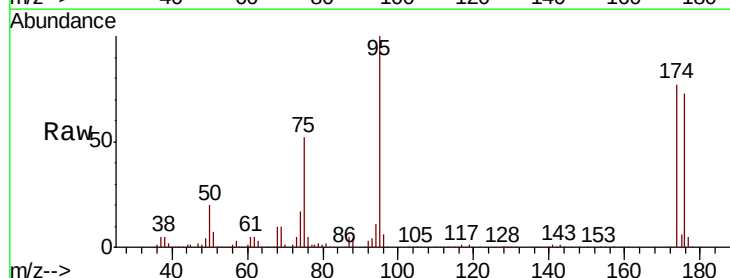
Instrument :
 MSVOA_X
 ClientSampleId :

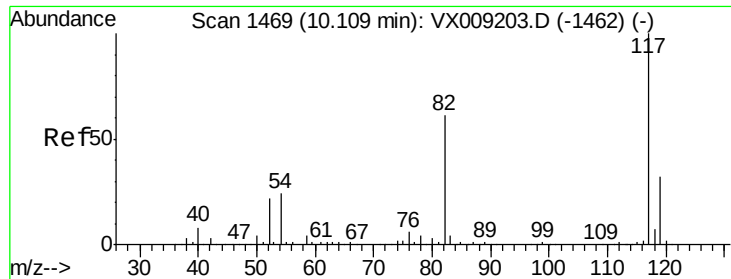
Tot Ion: 107 Resp: 34602
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 46.555 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion: 95 Resp: 100756
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 161.6
 176 79.9 0.0 159.2

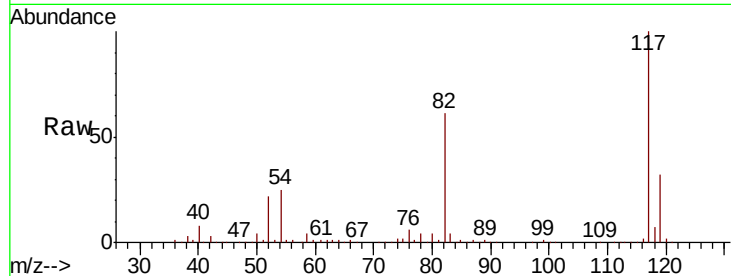




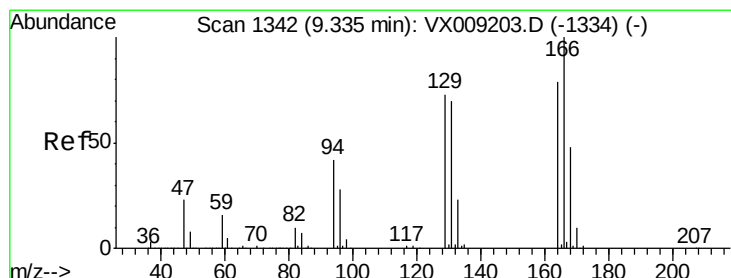
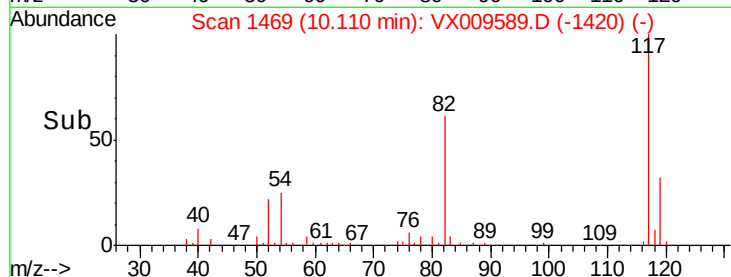
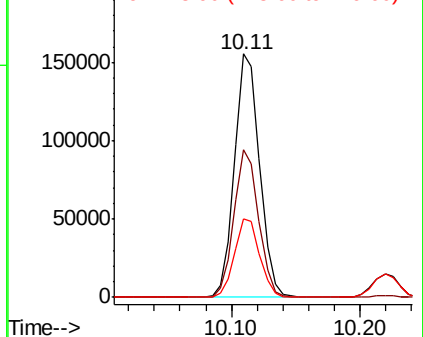
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 211437
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.3 25.8 38.6

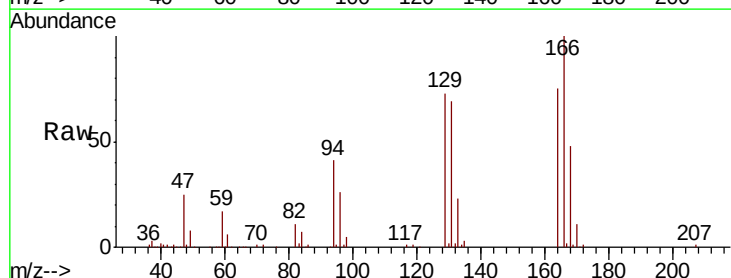


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

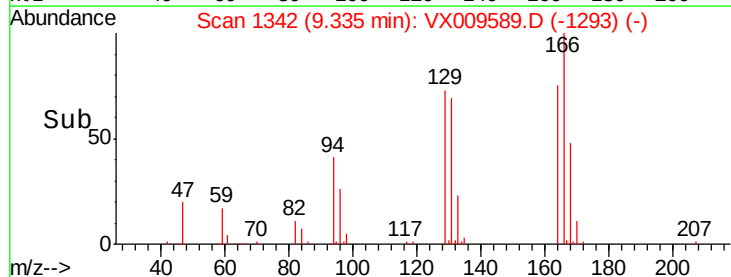
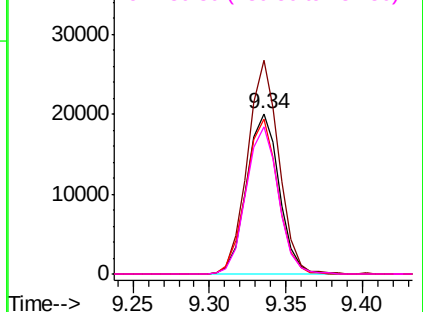


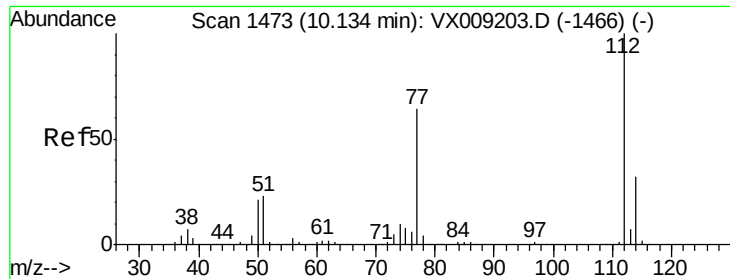
#64
Tetrachloroethene
Concen: 20.511 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion:164 Resp: 29748
Ion Ratio Lower Upper
164 100
166 133.3 101.2 151.8
129 96.7 74.3 111.5
131 91.9 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

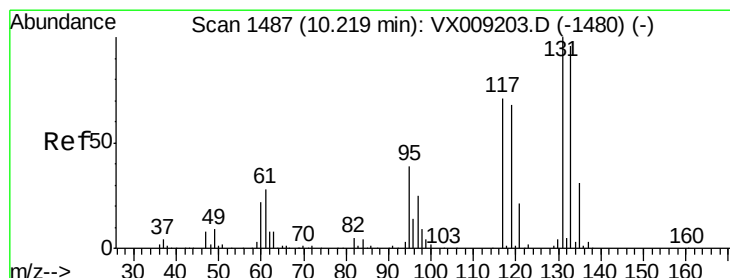
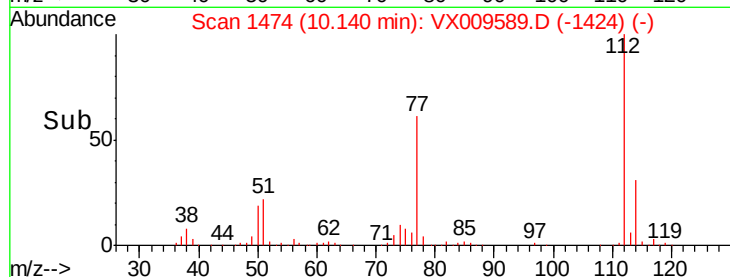
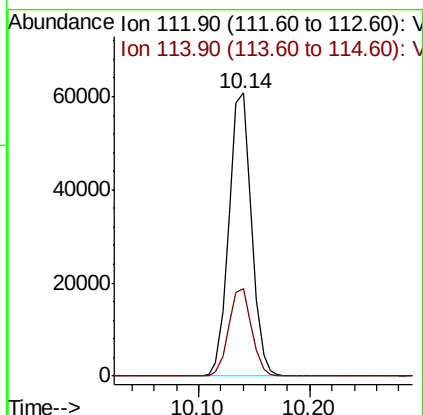
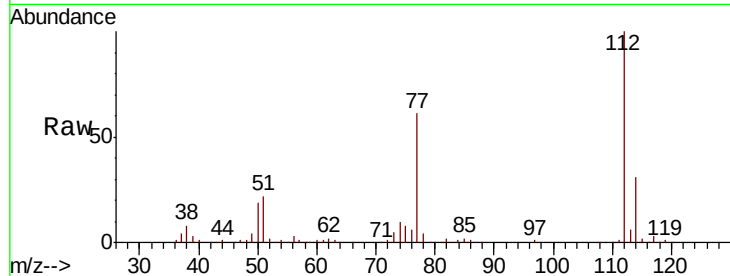




#65
Chlorobenzene
Concen: 20.174 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

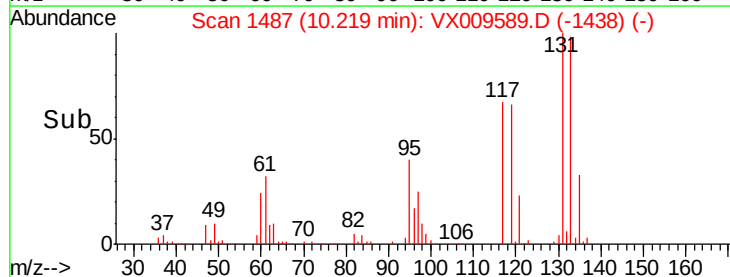
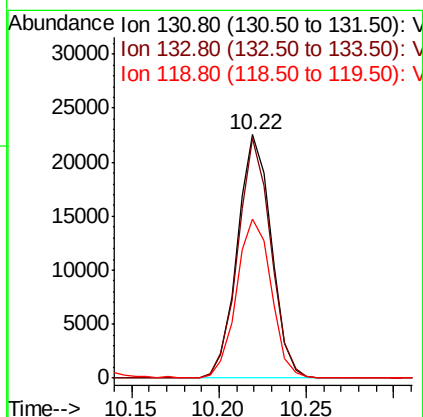
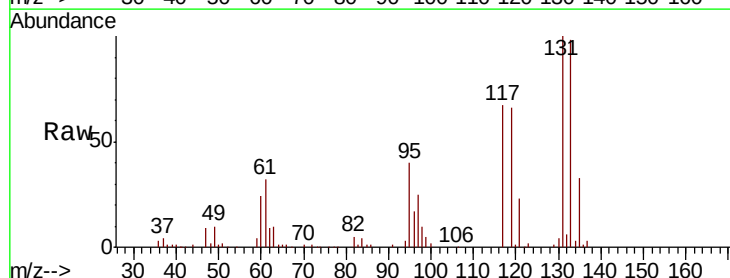
Instrument :
MSVOA_X
ClientSampleId :

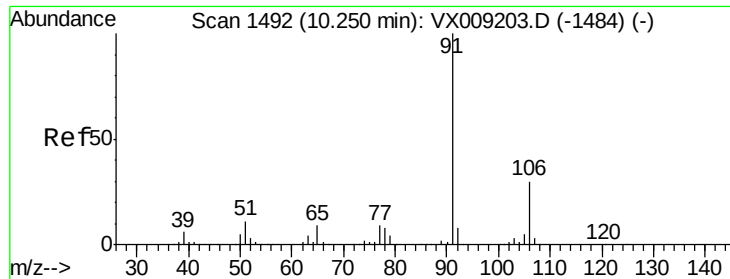
Tot Ion:112 Resp: 85331
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.789 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion:131 Resp: 30345
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 67.5 33.5 100.4

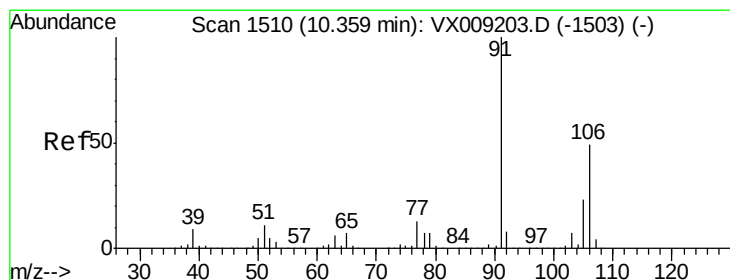
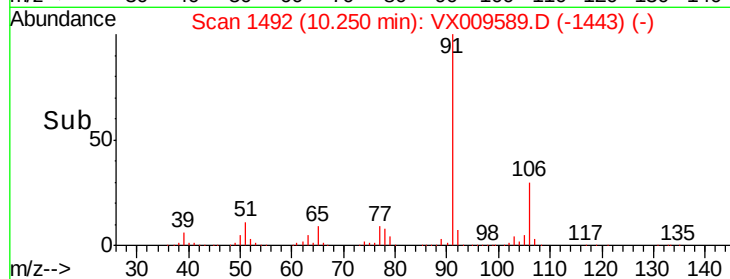
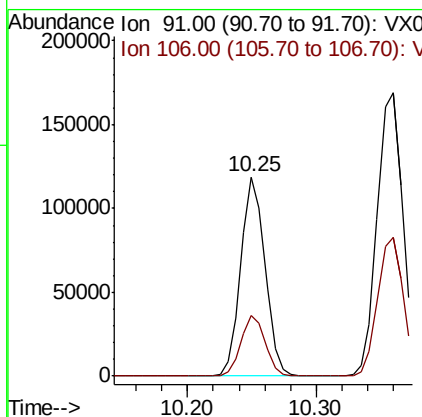
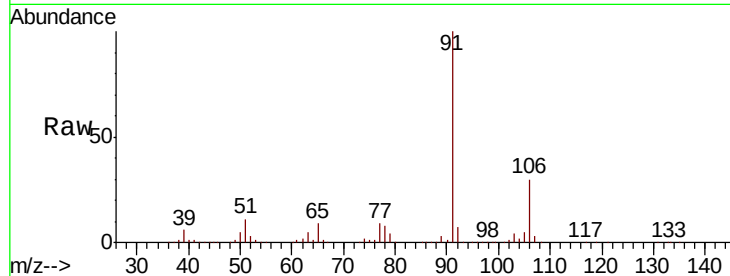




#67
Ethyl Benzene
Concen: 19.923 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

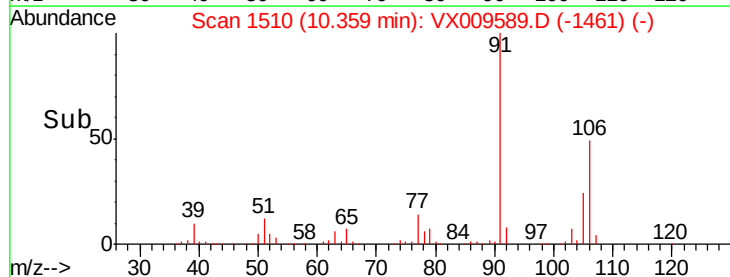
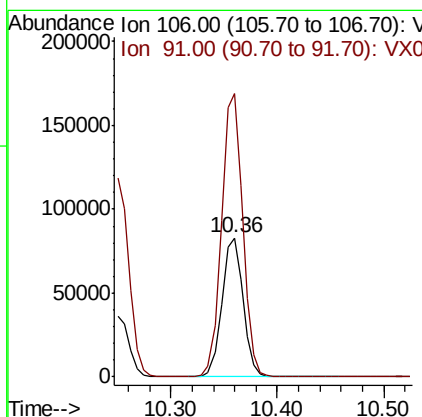
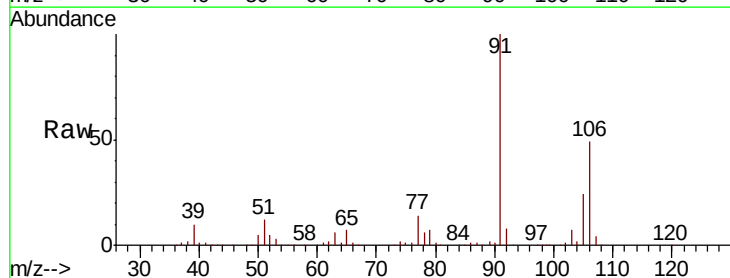
Instrument :
MSVOA_X
ClientSampleId :

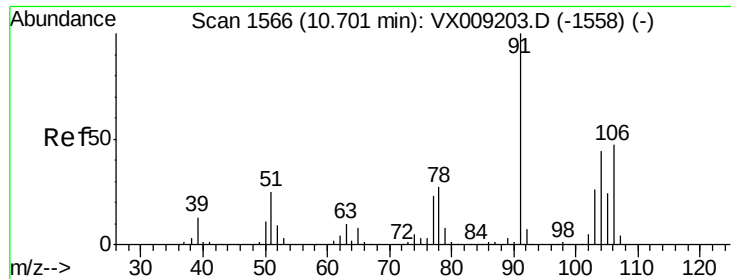
Tot Ion: 91 Resp: 155087
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 40.437 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 106 Resp: 115027
Ion Ratio Lower Upper
106 100
91 204.1 164.0 246.0

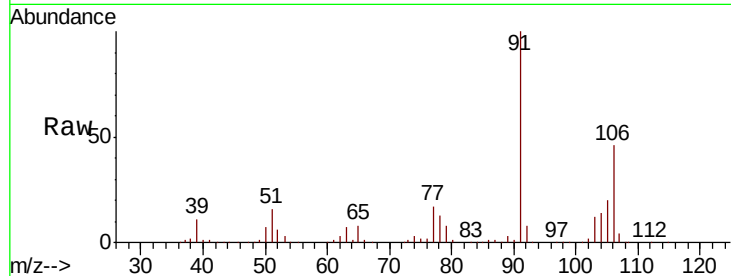




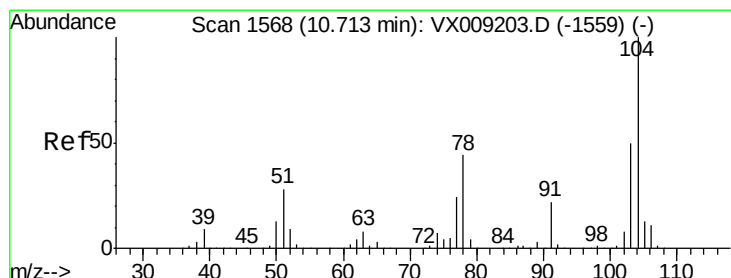
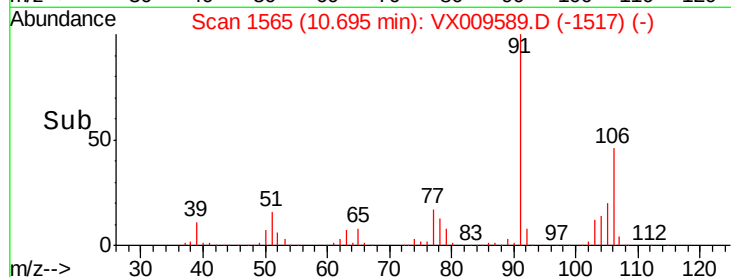
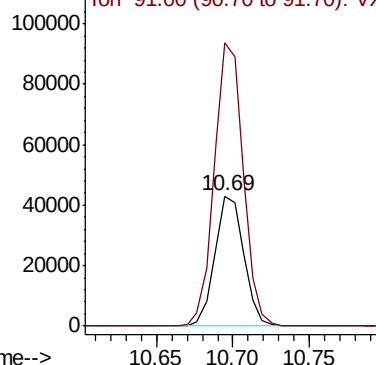
#69
o-Xylene
Concen: 20.033 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 56226
Ion Ratio Lower Upper
106 100
91 219.1 109.5 328.4

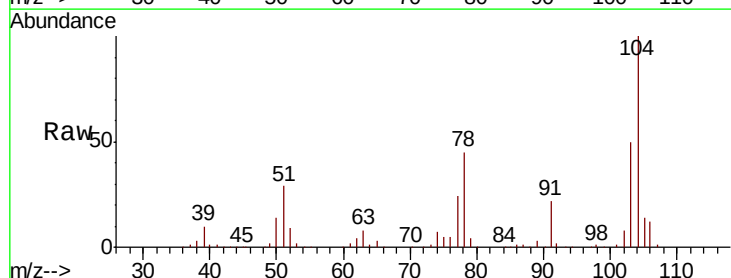


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

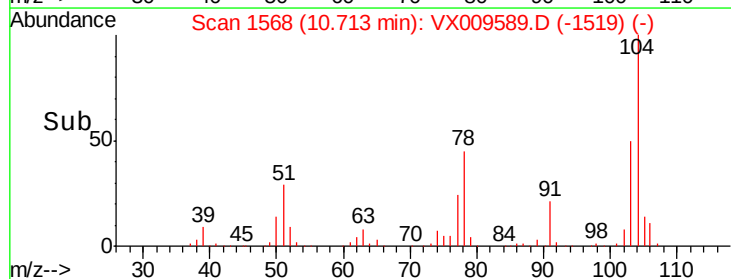
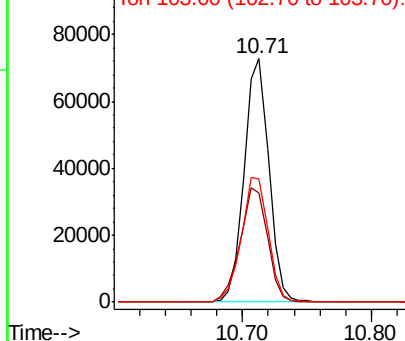


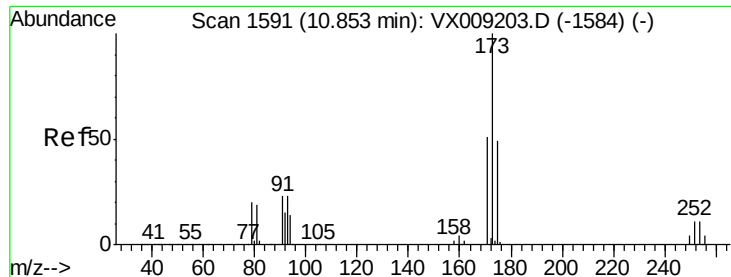
#70
Styrene
Concen: 19.735 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion:104 Resp: 96268
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 56.2 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





#71

Bromoform

Concen: 19.664 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

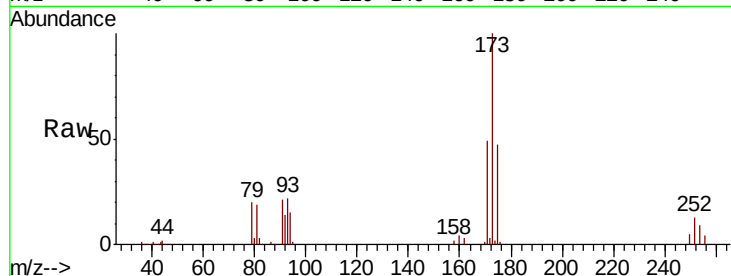
Tot Ion:173 Resp: 24504

Ion Ratio Lower Upper

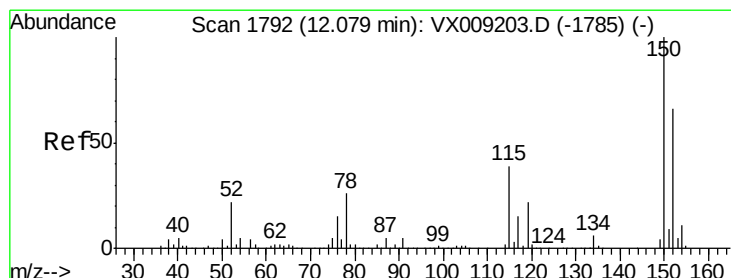
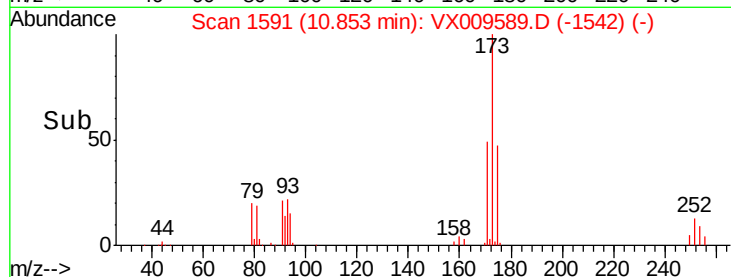
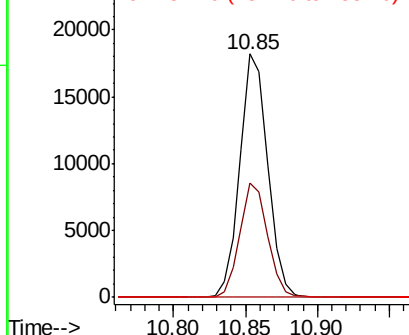
173 100

175 46.8 24.5 73.5

254 0.0 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: VX009589.D

Acq: 15 May 2019 18:44

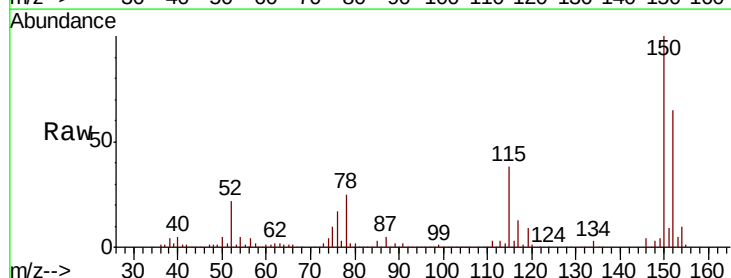
Tgt Ion:152 Resp: 102920

Ion Ratio Lower Upper

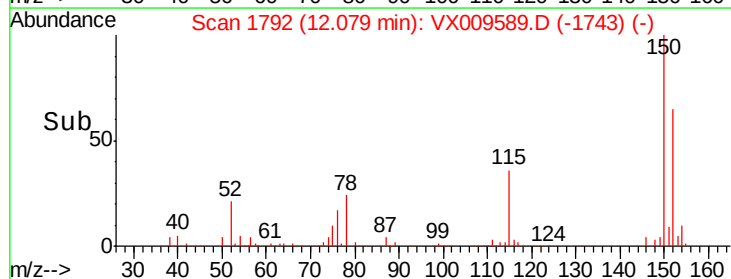
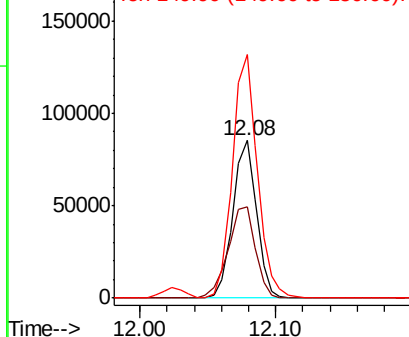
152 100

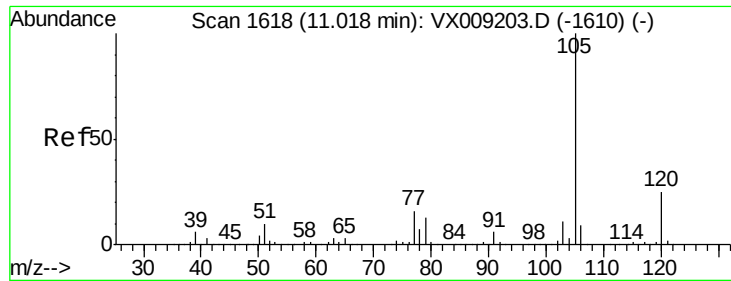
115 67.4 41.2 123.6

150 163.1 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: 19.866 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

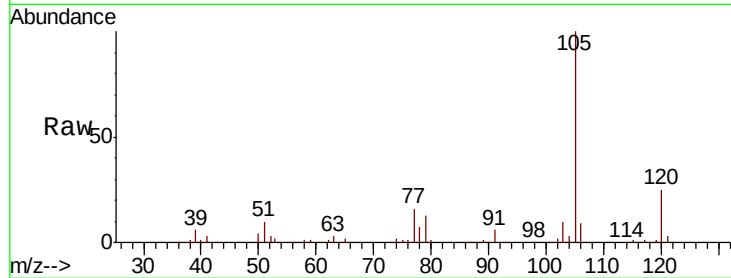
ClientSampleId :

Tot Ion:105 Resp: 148679

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

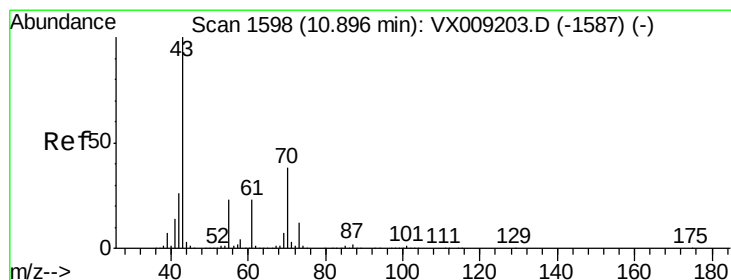
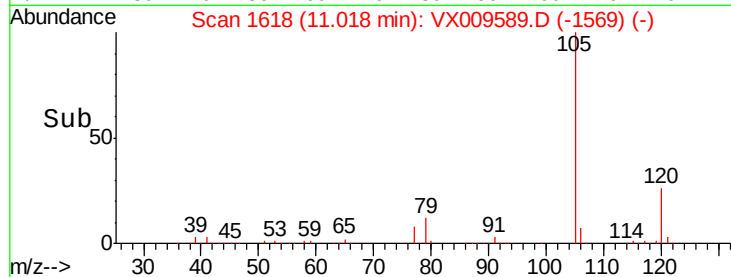
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.470 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Tgt Ion: 43 Resp: 89320

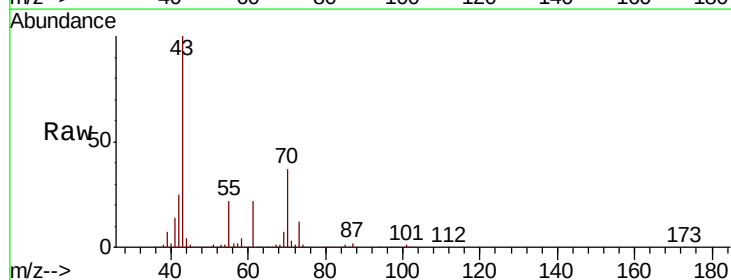
Ion Ratio Lower Upper

43 100

70 36.6 30.0 45.0

55 23.3 17.9 26.9

61 22.3 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

120000

100000

80000

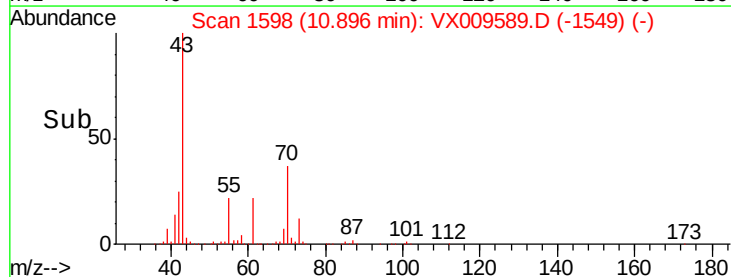
60000

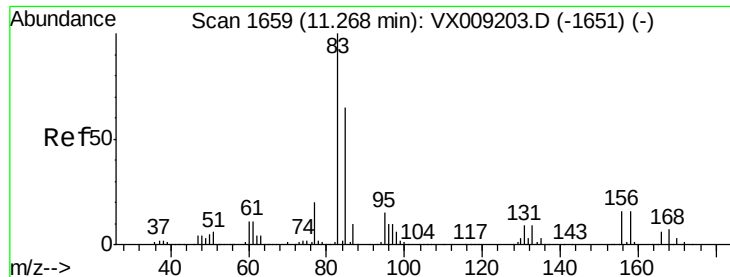
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.382 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

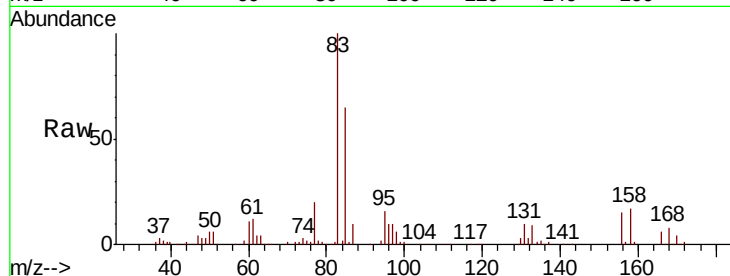
Tot Ion: 83 Resp: 56867

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

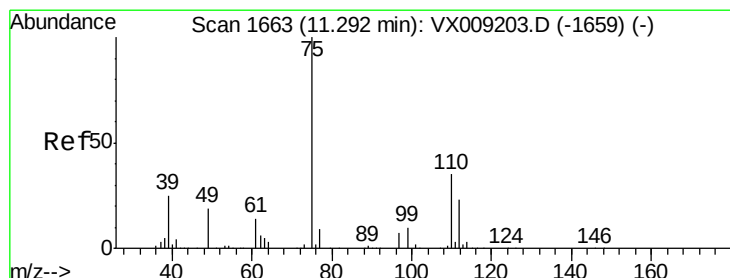
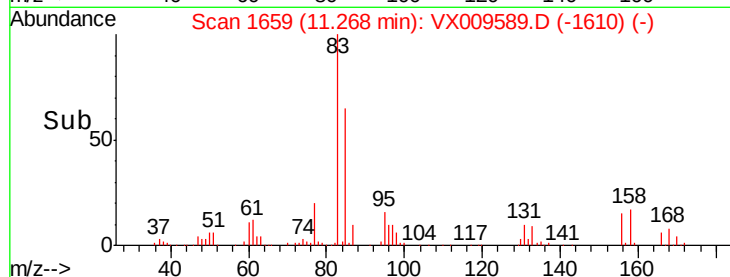
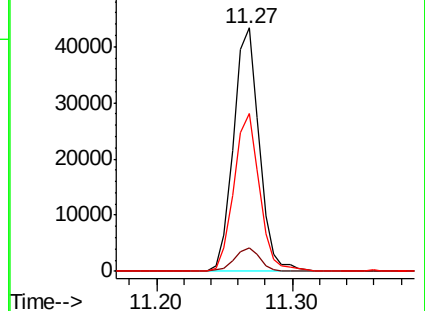
85 64.7 32.0 96.2



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: 27.269 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009589.D

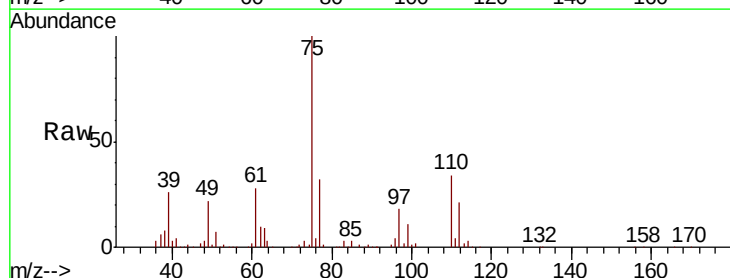
Acq: 15 May 2019 18:44

Tgt Ion: 75 Resp: 65102

Ion Ratio Lower Upper

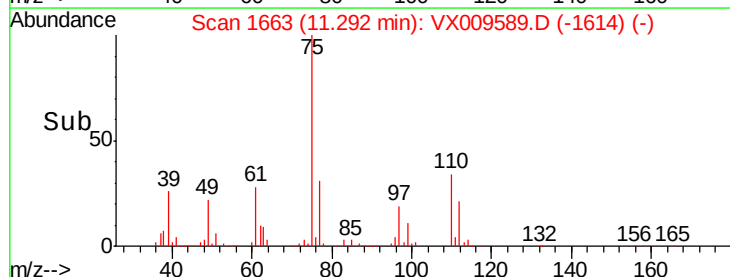
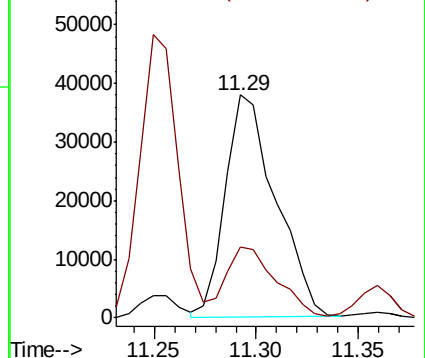
75 100

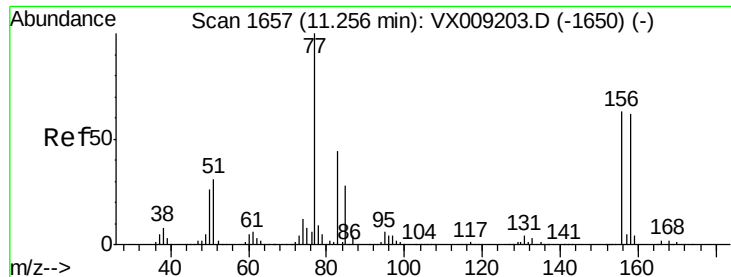
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.017 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

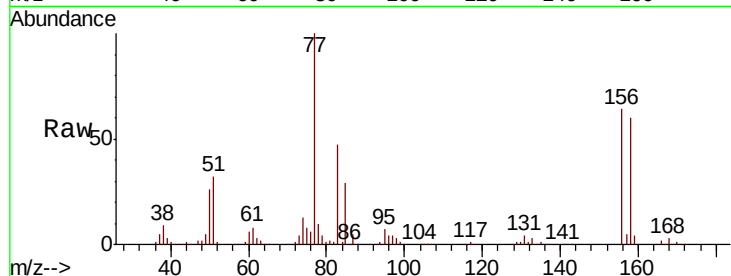
Tot Ion:156 Resp: 37183

Ion Ratio Lower Upper

156 100

77 168.3 84.8 254.3

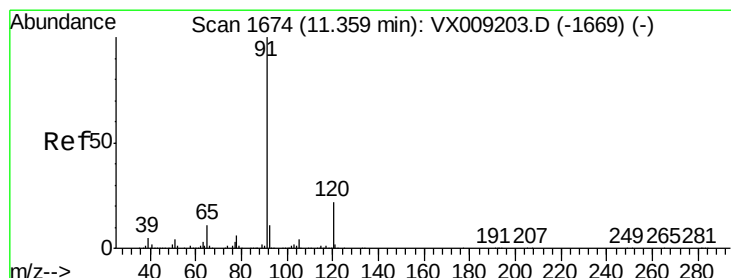
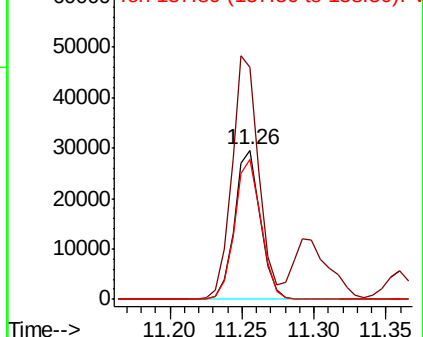
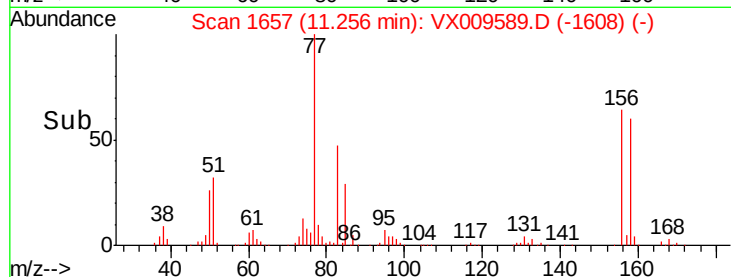
158 95.8 49.1 147.3



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: 19.567 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009589.D

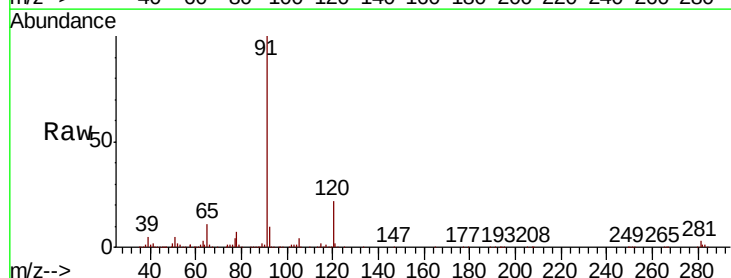
Acq: 15 May 2019 18:44

Tgt Ion: 91 Resp: 167248

Ion Ratio Lower Upper

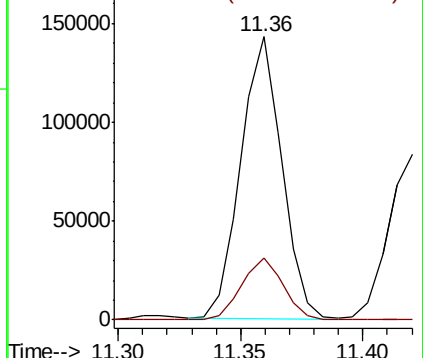
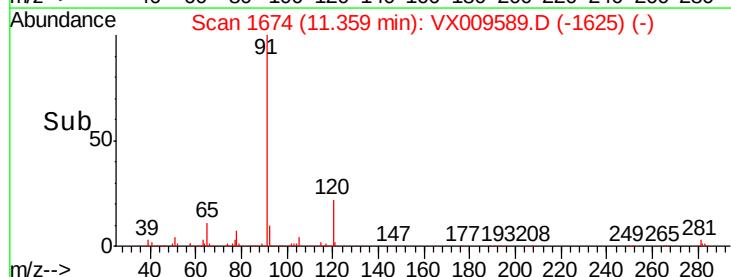
91 100

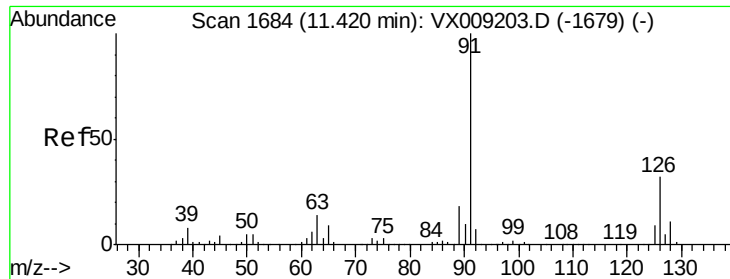
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

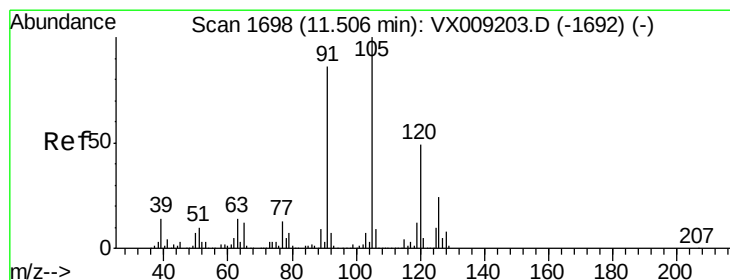
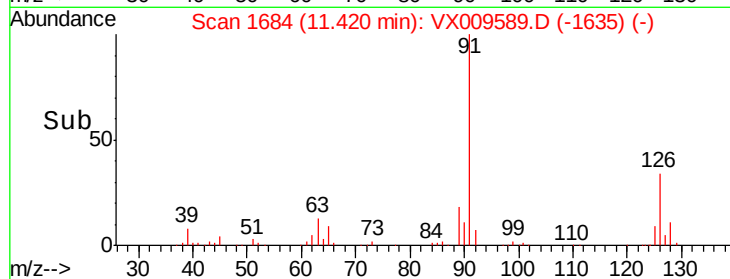
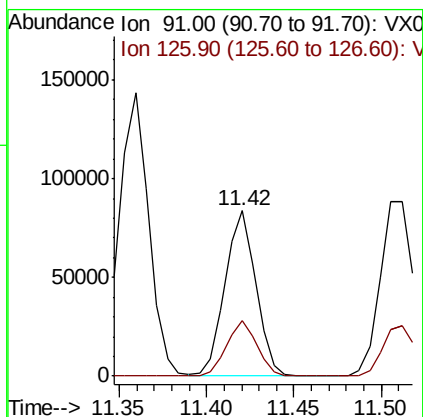
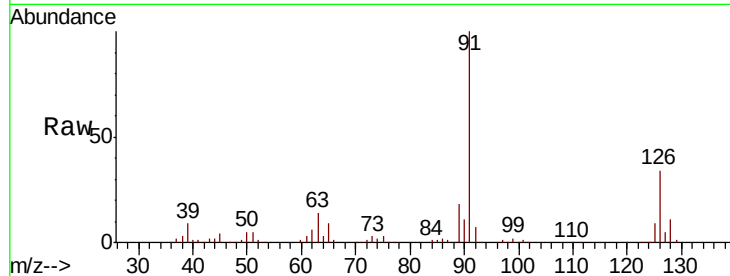




#79
 2-Chlorotoluene
 Concen: 19.472 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

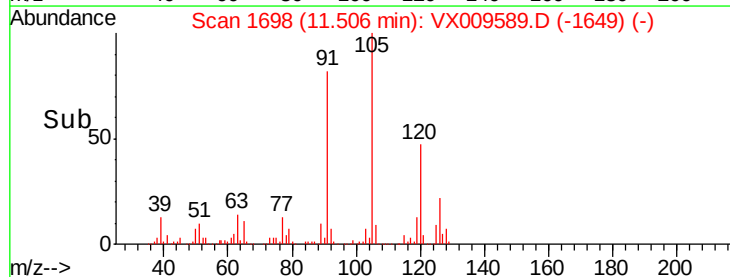
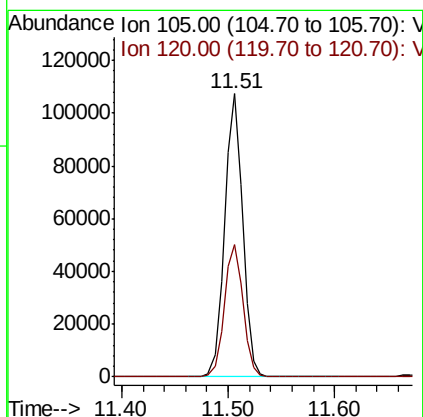
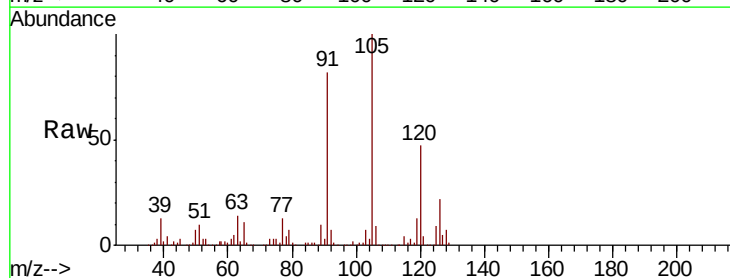
Instrument :
 MSVOA_X
 ClientSampleId :

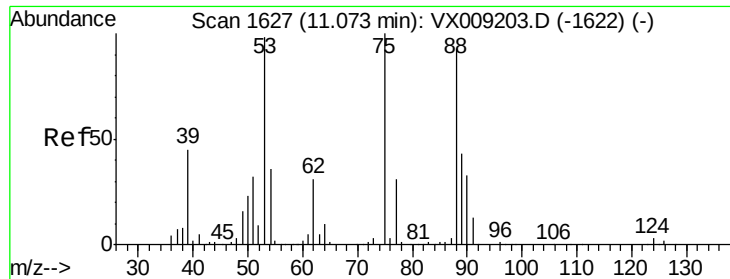
Tot Ion: 91 Resp: 102683
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.192 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion: 105 Resp: 127243
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.375 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

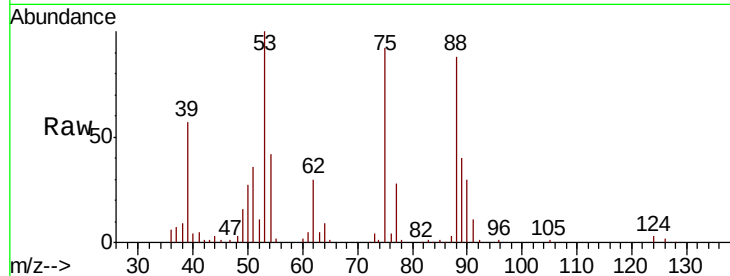
Tot Ion: 75 Resp: 17145

Ion Ratio Lower Upper

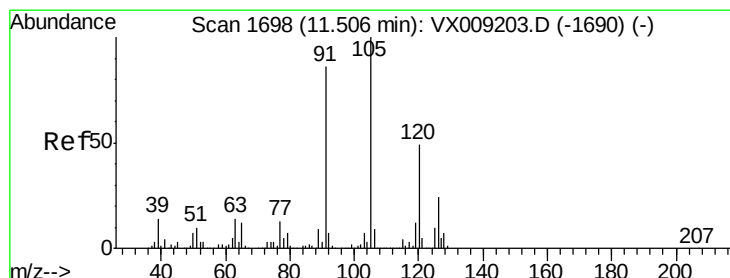
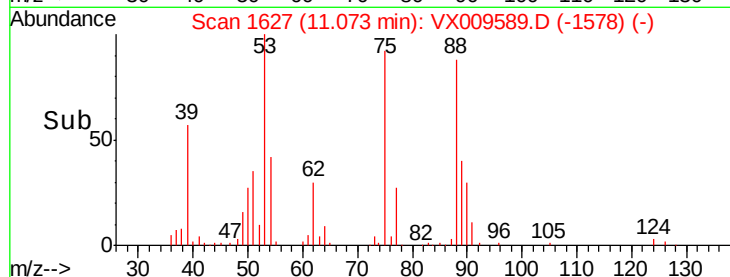
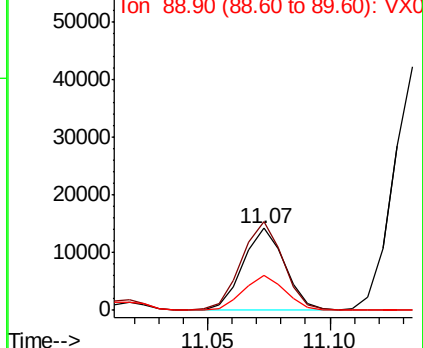
75 100

53 108.2 79.0 118.6

89 42.8 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: 19.648 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009589.D

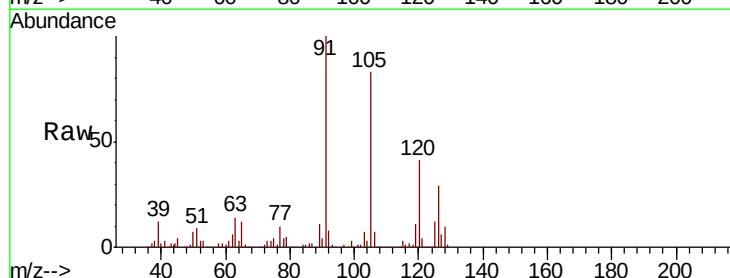
Acq: 15 May 2019 18:44

Tgt Ion: 91 Resp: 117048

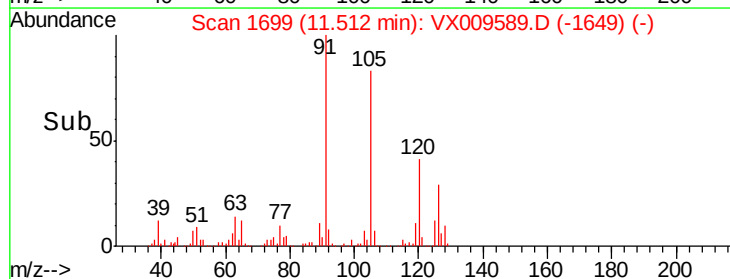
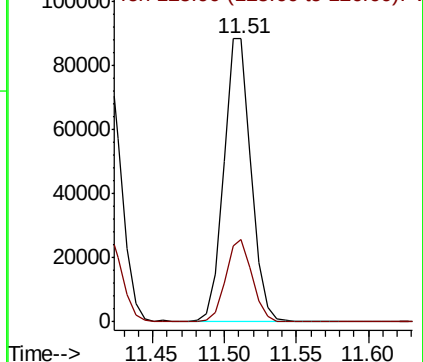
Ion Ratio Lower Upper

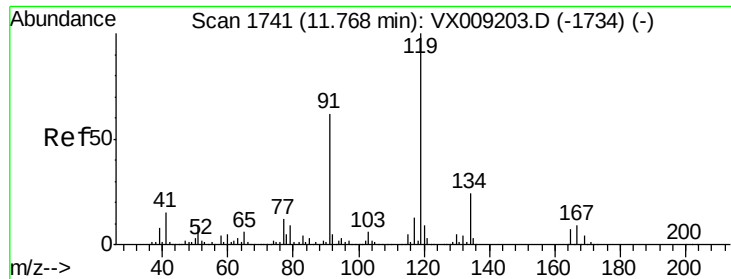
91 100

126 28.5 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

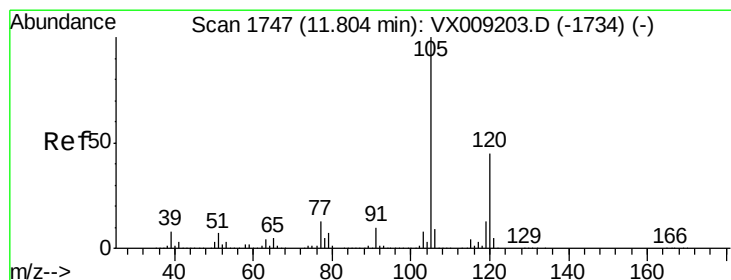
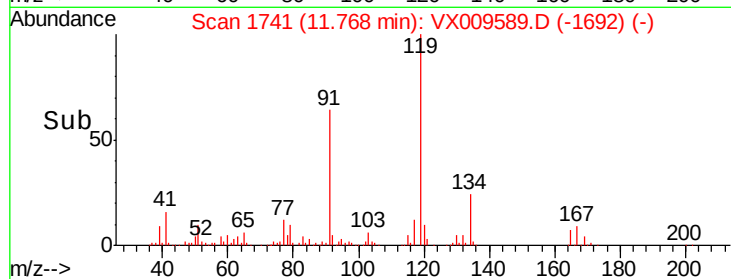
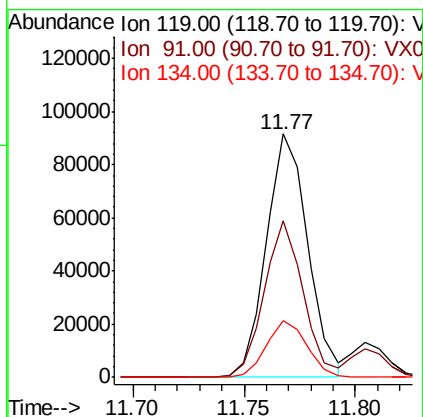
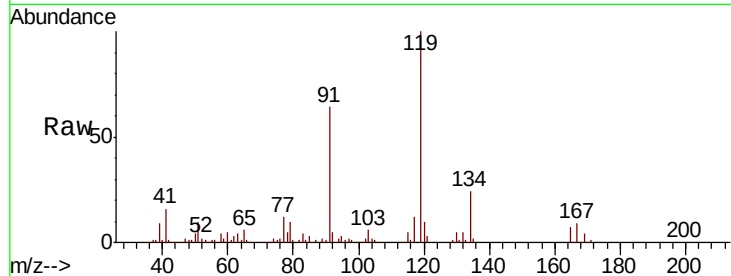




#83
 tert-Butylbenzene
 Concen: 19.364 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

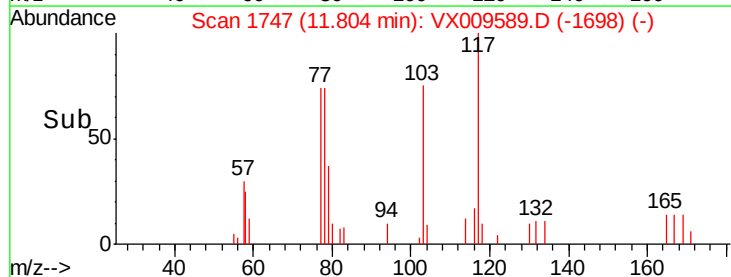
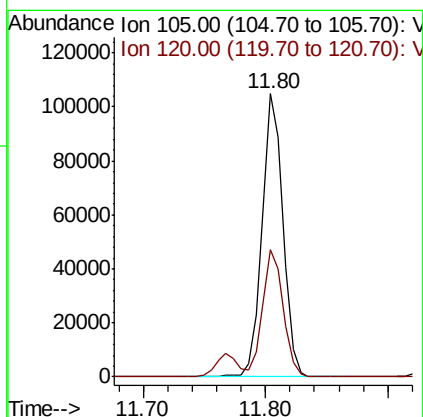
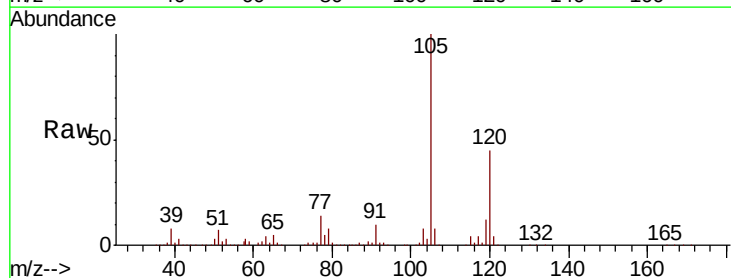
Instrument :
 MSVOA_X
 ClientSampled :

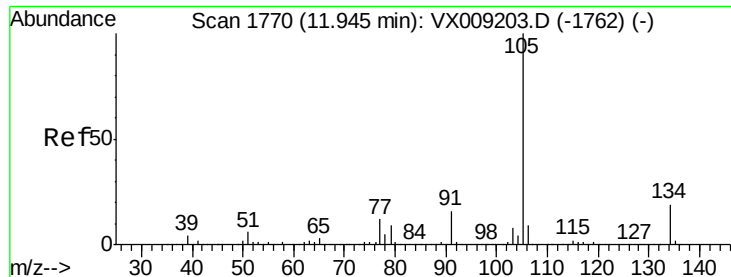
Tot Ion:119 Resp: 118706
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.5 88.5
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.943 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion:105 Resp: 126145
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.635 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

Instrument :

MSVOA_X

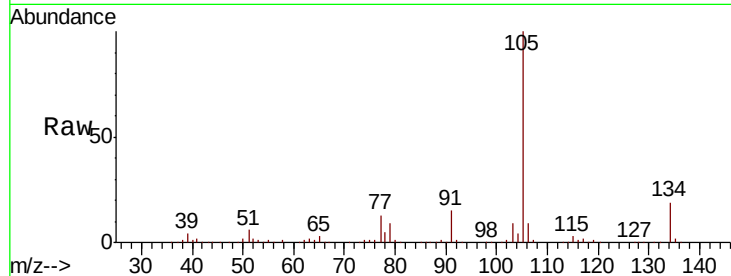
ClientSampleId :

Tot Ion:105 Resp: 142707

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

11.94

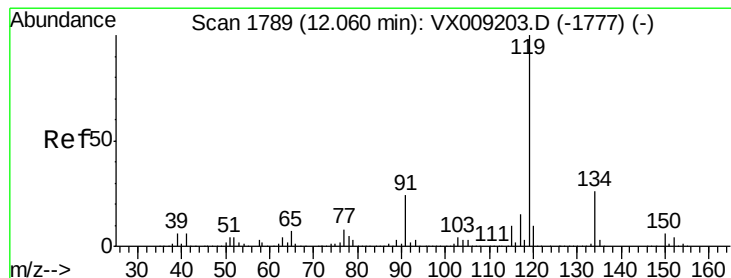
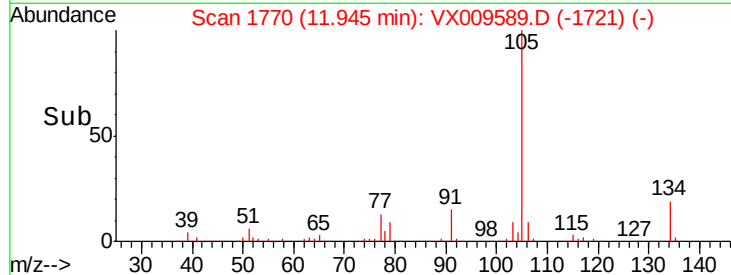
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.509 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009589.D

Acq: 15 May 2019 18:44

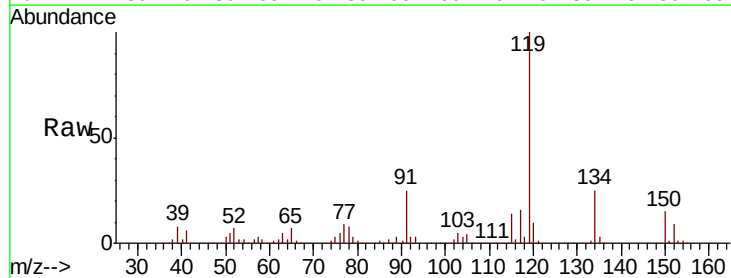
Tgt Ion:119 Resp: 127469

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.3 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

12.06

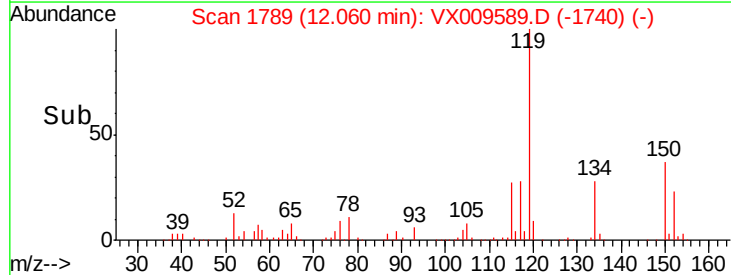
100000

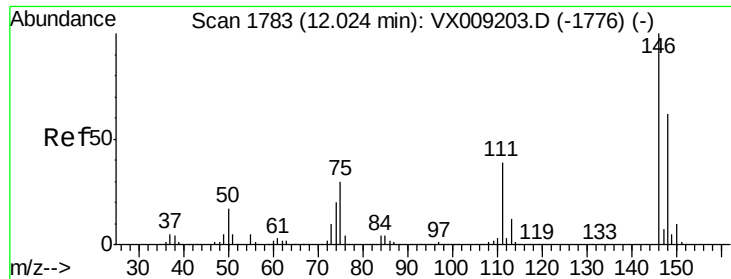
50000

0

Time-->

12.00 12.10

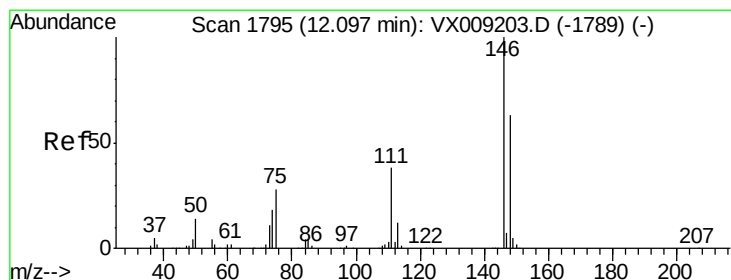
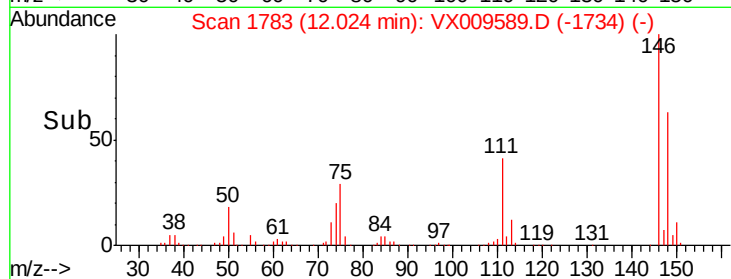
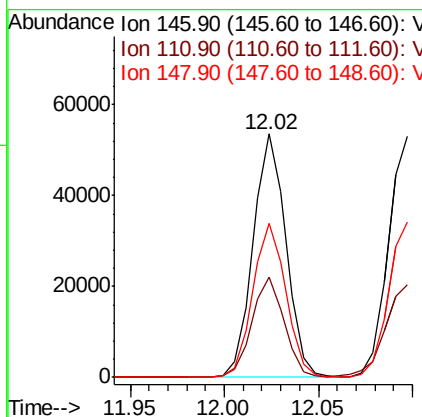
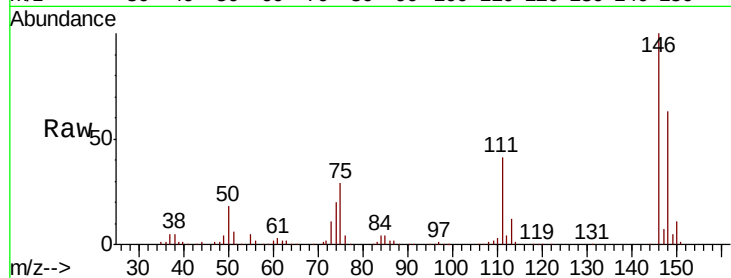




#87
 1,3-Dichlorobenzene
 Concen: 19.544 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

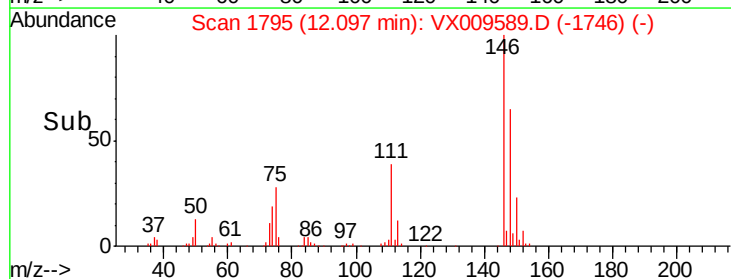
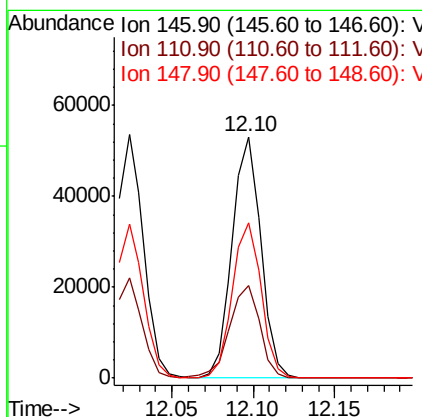
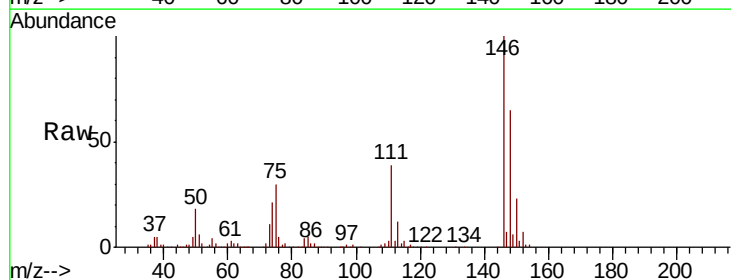
Instrument :
 MSVOA_X
 ClientSampleId :

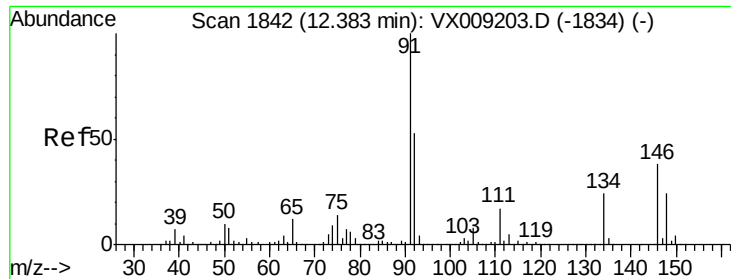
Tot Ion:146 Resp: 64720
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.552 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion:146 Resp: 65277
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.6 58.8
 148 65.0 31.8 95.3

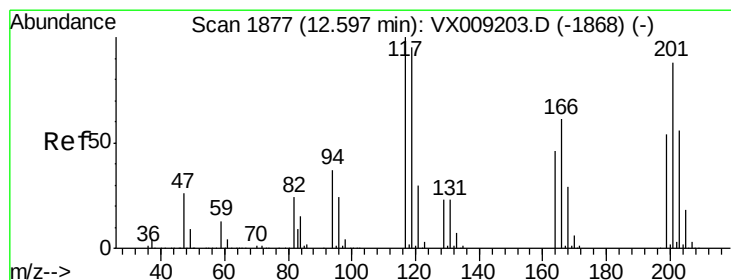
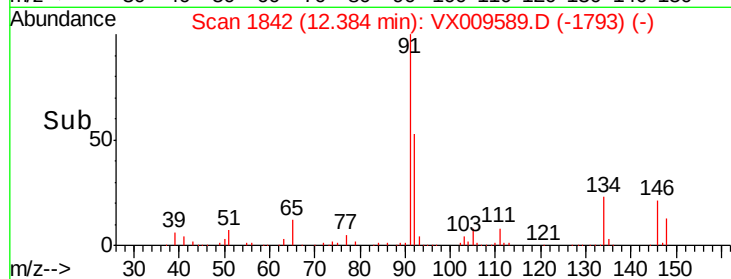
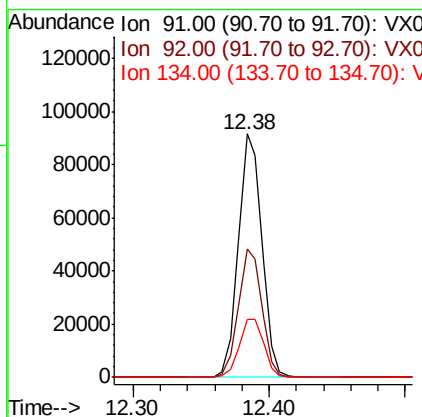
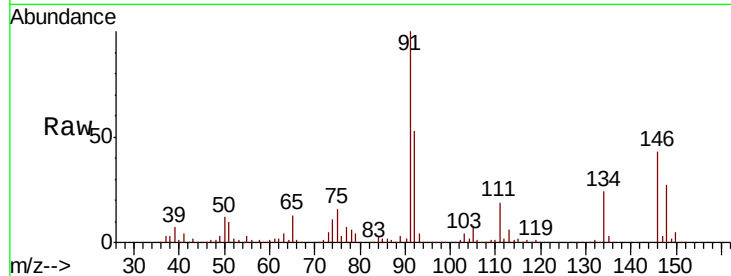




#89
n-Butylbenzene
Concen: 18.624 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

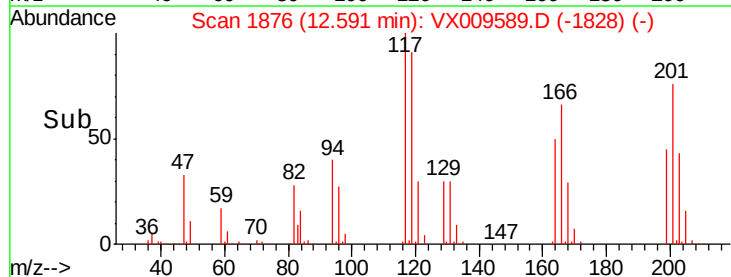
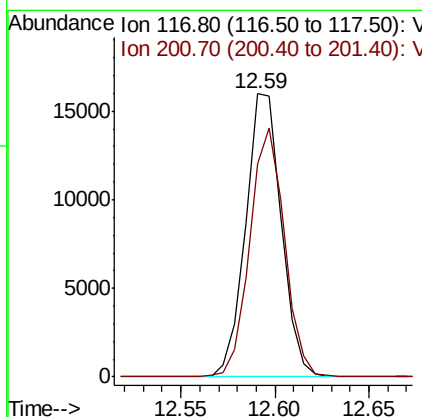
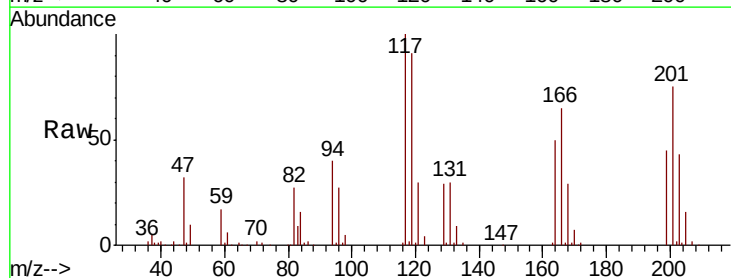
Instrument :
MSVOA_X
ClientSampleId :

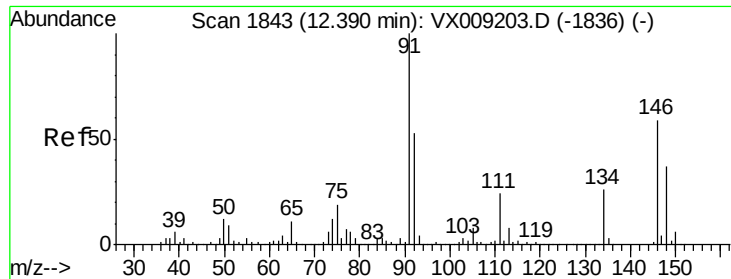
Tot Ion: 91 Resp: 109984
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 25.0 12.4 37.2



#90
Hexachloroethane
Concen: 18.879 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion: 117 Resp: 21015
Ion Ratio Lower Upper
117 100
201 85.1 42.3 126.9

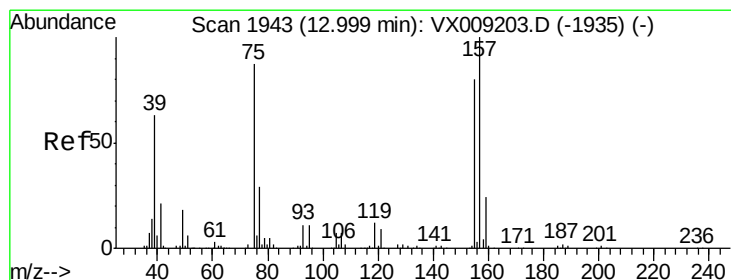
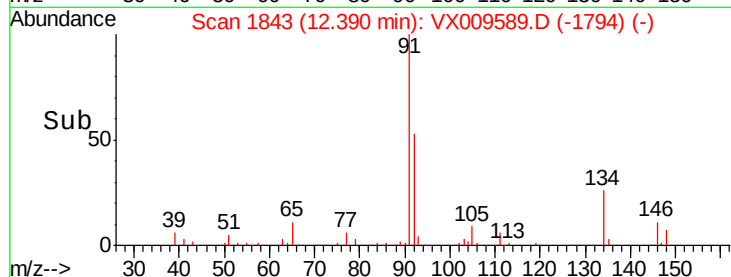
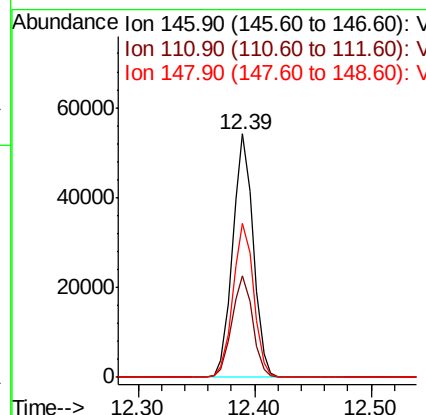
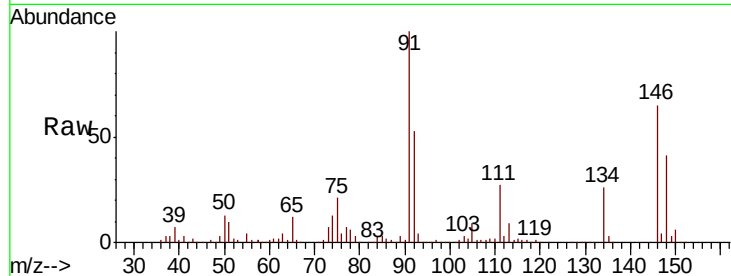




#91
 1,2-Dichlorobenzene
 Concen: 19.770 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

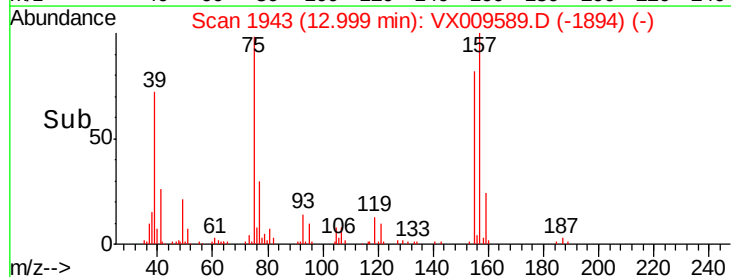
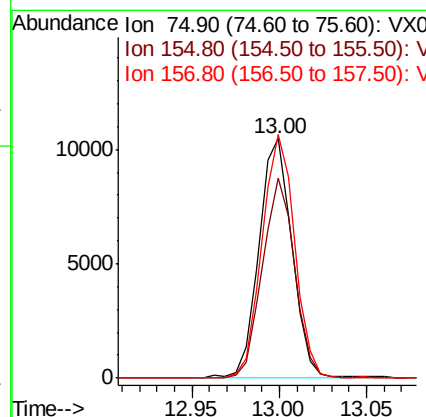
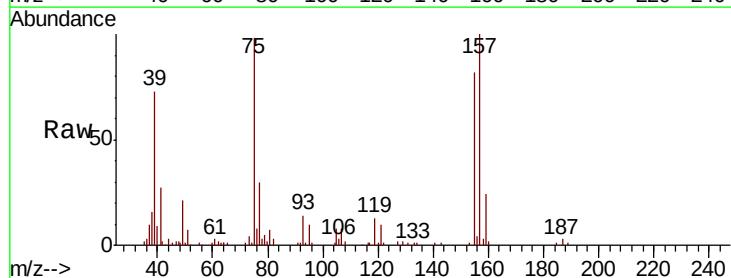
Instrument :
 MSVOA_X
 ClientSampleId :

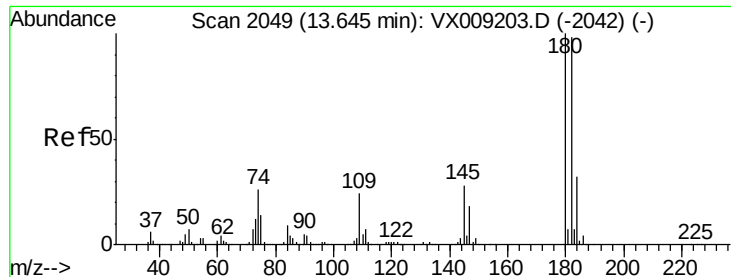
Tot Ion:146 Resp: 66682
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.4
 148 63.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.996 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion: 75 Resp: 13767
 Ion Ratio Lower Upper
 75 100
 155 81.0 42.0 126.0
 157 100.3 53.2 159.6

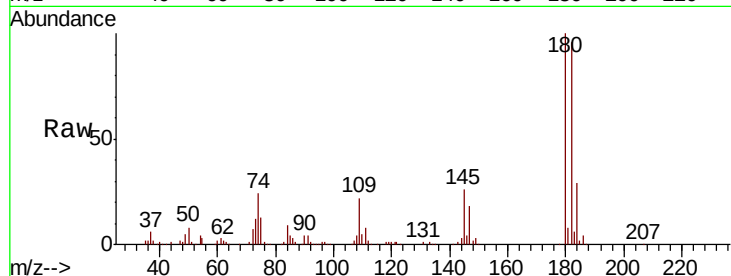




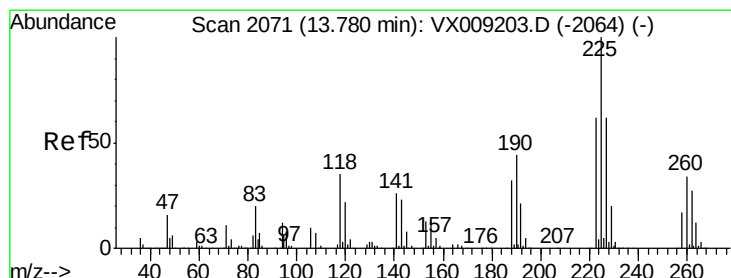
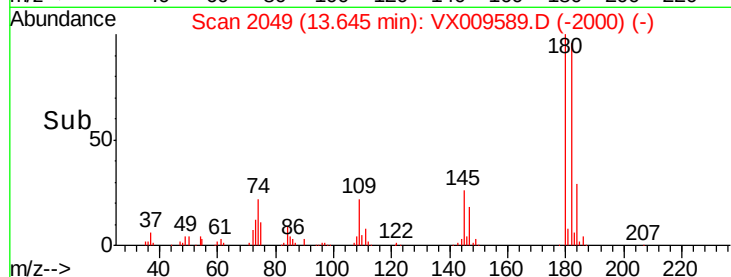
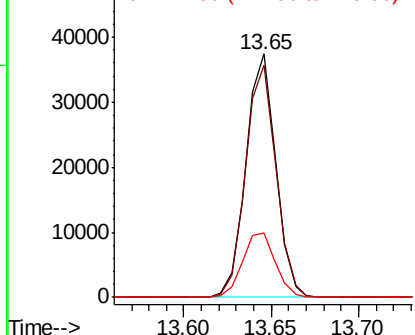
#93
 1,2,4-Trichlorobenzene
 Concen: 19.297 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 44509
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.4 145.2
 145 28.6 14.6 43.8

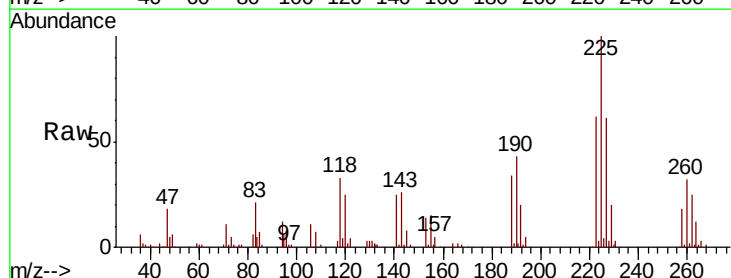


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

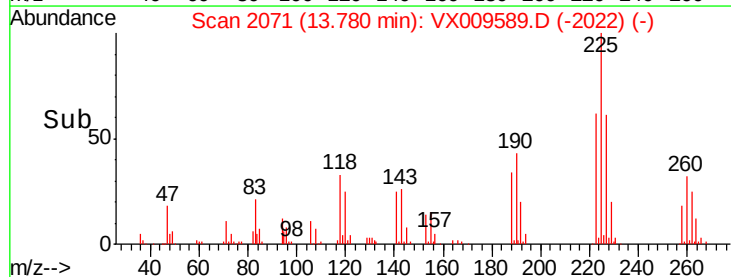
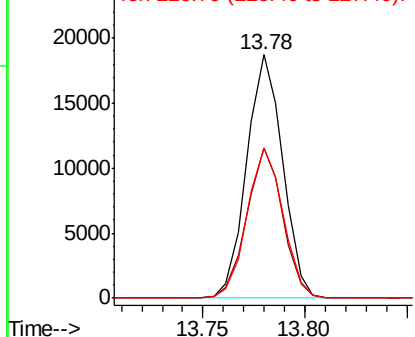


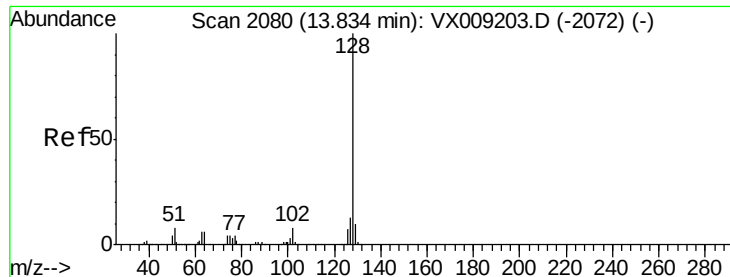
#94
 Hexachlorobutadiene
 Concen: 19.471 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009589.D
 Acq: 15 May 2019 18:44

Tgt Ion:225 Resp: 22934
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 61.6 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

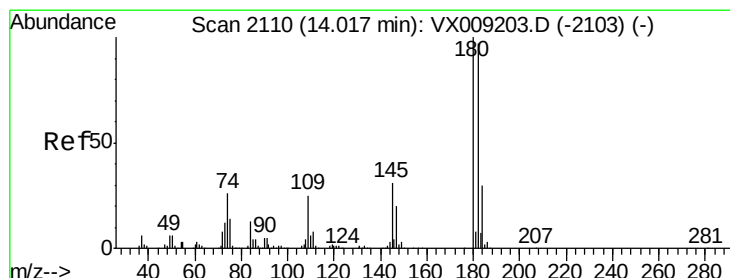
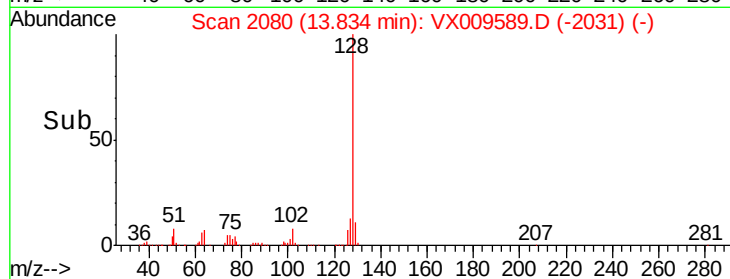
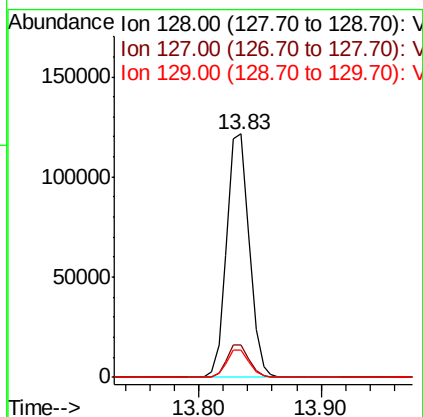
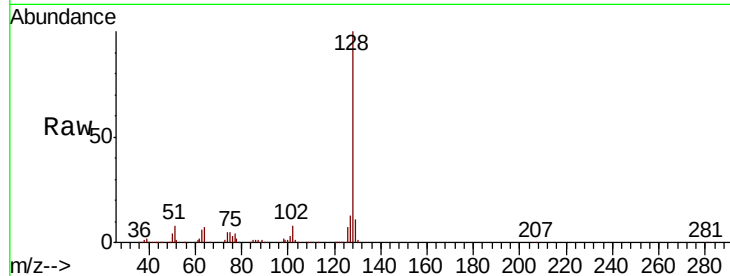




#95
Naphthalene
Concen: 20.665 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 155074
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.177 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009589.D
Acq: 15 May 2019 18:44

Tgt Ion:180 Resp: 47174
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.4
145 30.9 15.4 46.4

