

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009605.D
 Acq On : 16 May 2019 14:24
 Operator : JC/SP
 Sample : VX0516MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:03:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117214	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108110	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.50	113	80099	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	316940	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	117061	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26408	17.666	ug/l	98
3) Chloromethane	1.32	50	41882	20.521	ug/l	100
4) Vinyl Chloride	1.41	62	39956	20.077	ug/l	97
5) Bromomethane	1.64	94	25507	21.354	ug/l	99
6) Chloroethane	1.72	64	26775	20.955	ug/l	99
7) Trichlorofluoromethane	1.93	101	50267	20.779	ug/l	99
8) Diethyl Ether	2.19	74	24363	21.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30330	19.965	ug/l	99
10) Methyl Iodide	2.51	142	34831	22.514	ug/l	99
11) Tert butyl alcohol	3.05	59	57087	111.367	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31373	20.612	ug/l	97
13) Acrolein	2.29	56	28071	60.468	ug/l	98
14) Allyl chloride	2.73	41	74881	20.187	ug/l	98
15) Acrylonitrile	3.14	53	134965	107.683	ug/l	99
16) Acetone	2.45	43	122597	103.101	ug/l	97
17) Carbon Disulfide	2.57	76	80827	18.914	ug/l	100
18) Methyl Acetate	2.78	43	60704	21.466	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	124881	21.128	ug/l	100
20) Methylene Chloride	2.85	84	38751	20.127	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	34088	20.650	ug/l	95
22) Diisopropyl ether	3.85	45	152959	21.442	ug/l	96
23) Vinyl Acetate	3.82	43	671687	109.959	ug/l	99
24) 1,1-Dichloroethane	3.70	63	72910	20.719	ug/l	100
25) 2-Butanone	4.67	43	204002	110.401	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49681	18.967	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40400	20.504	ug/l	100
28) Bromochloromethane	5.01	49	27223	17.432	ug/l	98
29) Tetrahydrofuran	5.13	42	134476	113.094	ug/l	99
30) Chloroform	5.21	83	67494	21.206	ug/l	100
31) Cyclohexane	5.58	56	67745	20.692	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	54681	20.638	ug/l	98
36) 1,1-Dichloropropene	5.80	75	48403	20.006	ug/l	97
37) Ethyl Acetate	4.84	43	74344	22.054	ug/l	99
38) Carbon Tetrachloride	5.78	117	44449	20.220	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:03:39 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	60505	20.363	ug/l	99
40) Benzene	6.14	78	160074	21.378	ug/l	99
41) Methacrylonitrile	5.04	41	42353	21.106	ug/l	98
42) 1,2-Dichloroethane	6.20	62	58701	21.854	ug/l	100
43) Isopropyl Acetate	6.45	43	117455	21.783	ug/l	99
44) Trichloroethene	7.21	130	37109	20.500	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45375	21.401	ug/l	97
46) Dibromomethane	7.66	93	25668	20.847	ug/l	99
47) Bromodichloromethane	7.90	83	50805	20.686	ug/l	95
48) Methyl methacrylate	7.77	41	60207	22.506	ug/l	98
49) 1,4-Dioxane	7.74	88	23736	437.510	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	395357	112.176	ug/l	100
52) Toluene	8.79	92	96156	21.125	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56395	20.338	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62317	20.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40286	21.695	ug/l	97
56) Ethyl methacrylate	9.18	69	71485	21.566	ug/l	98
57) 1,3-Dichloropropane	9.37	76	69361	21.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	162080	92.171	ug/l	100
59) 2-Hexanone	9.49	43	310419	112.144	ug/l	98
60) Dibromochloromethane	9.58	129	36755	20.266	ug/l	98
61) 1,2-Dibromoethane	9.67	107	40386	21.545	ug/l	99
64) Tetrachloroethene	9.34	164	35030	21.557	ug/l	98
65) Chlorobenzene	10.14	112	100824	21.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35806	20.841	ug/l	99
67) Ethyl Benzene	10.25	91	184021	21.100	ug/l	98
68) m/p-Xylenes	10.36	106	134042	42.058	ug/l	99
69) o-Xylene	10.69	106	65804	20.927	ug/l	100
70) Styrene	10.71	104	114403	20.932	ug/l	98
71) Bromoform	10.85	173	27218	19.495	ug/l #	98
73) Isopropylbenzene	11.02	105	175586	20.600	ug/l	99
74) N-amyl acetate	10.90	43	104821	21.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66512	20.932	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76134	28.001	ug/l	82
77) Bromobenzene	11.26	156	43343	20.487	ug/l	99
78) n-propylbenzene	11.36	91	198898	20.432	ug/l	100
79) 2-Chlorotoluene	11.42	91	120845	20.122	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147891	20.606	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20518	19.308	ug/l	95
82) 4-Chlorotoluene	11.51	91	139208	20.518	ug/l	100
83) tert-Butylbenzene	11.77	119	141203	20.225	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	150468	20.887	ug/l	100
85) sec-Butylbenzene	11.94	105	170526	20.602	ug/l	100
86) p-Isopropyltoluene	12.06	119	154513	20.764	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77830	20.637	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	77935	20.497	ug/l	99
89) n-Butylbenzene	12.38	91	137028	20.374	ug/l	99
90) Hexachloroethane	12.60	117	24208	19.095	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	79020	20.571	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15433	21.651	ug/l	98

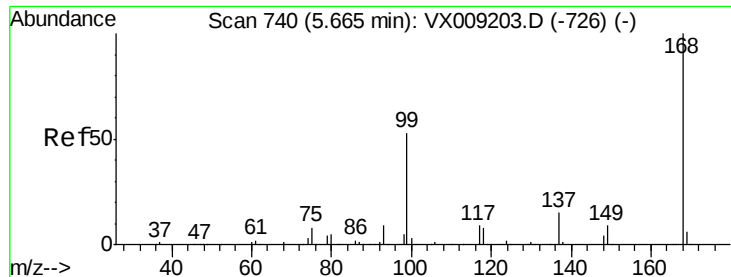
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
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Quant Time: May 17 02:03:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54449	20.728	ug/l	99
94) Hexachlorobutadiene	13.78	225	28022	20.889	ug/l	99
95) Naphthalene	13.83	128	184025	21.533	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57231	21.493	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

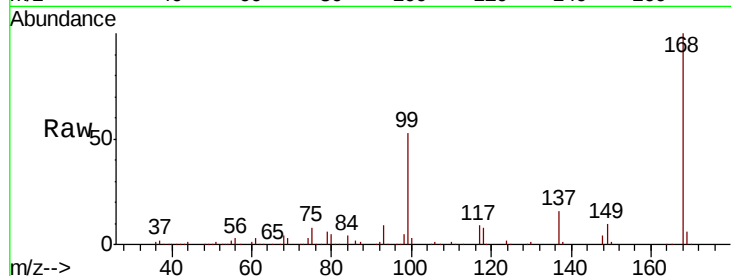
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 162220

Ion Ratio Lower Upper

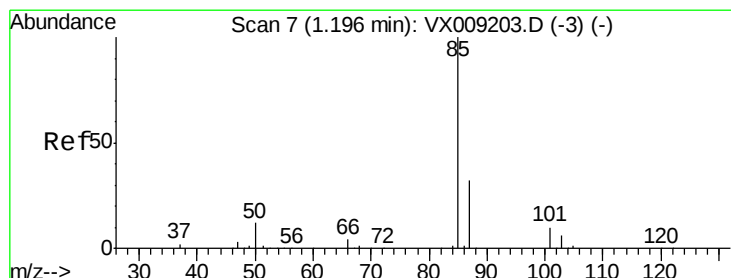
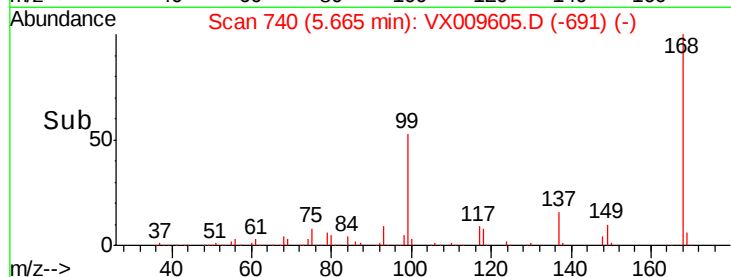
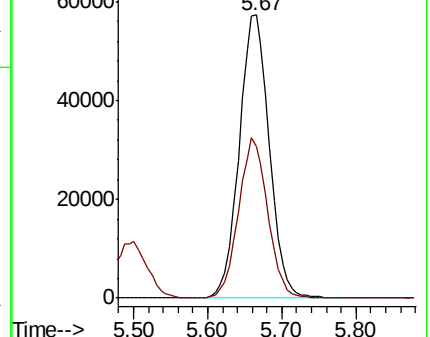
168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.666 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009605.D

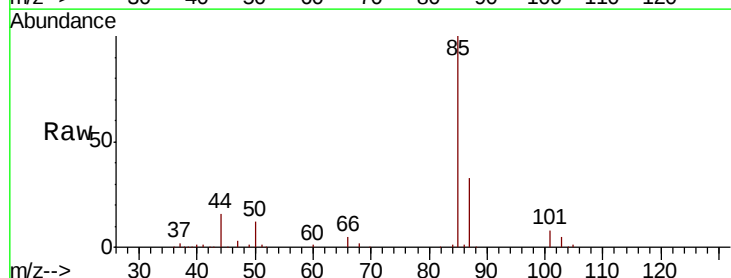
Acq: 16 May 2019 14:24

Tgt Ion: 85 Resp: 26408

Ion Ratio Lower Upper

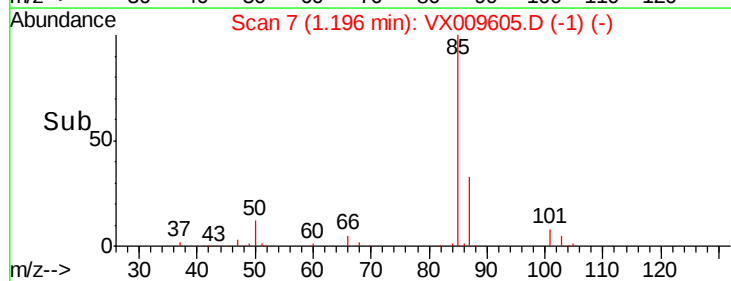
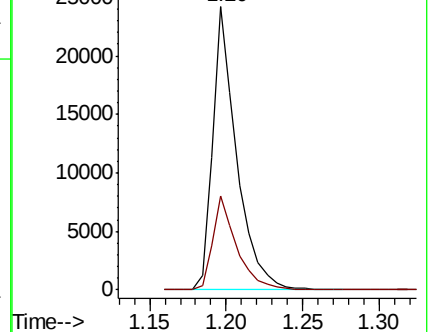
85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.521 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

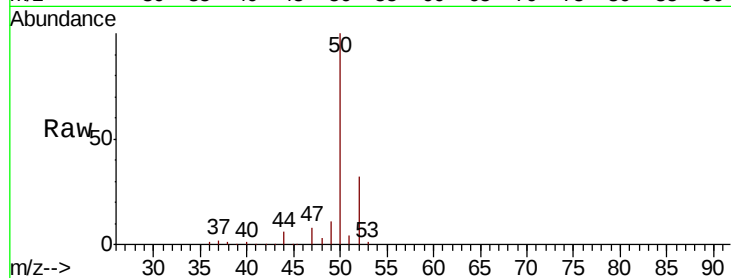
ClientSampleId :

Tot Ion: 50 Resp: 41882

Ion Ratio Lower Upper

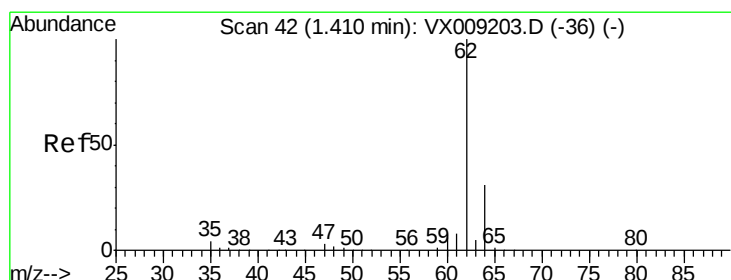
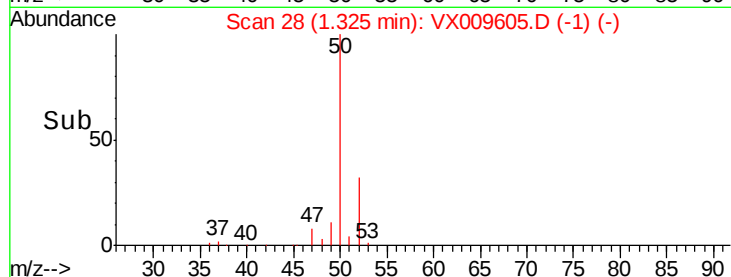
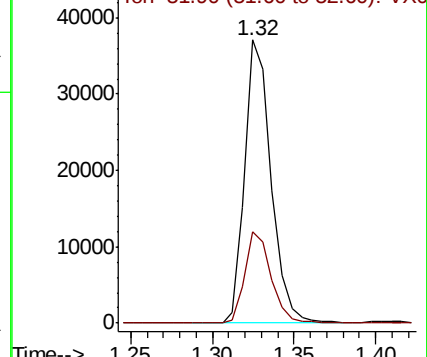
50 100

52 32.4 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: 20.077 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009605.D

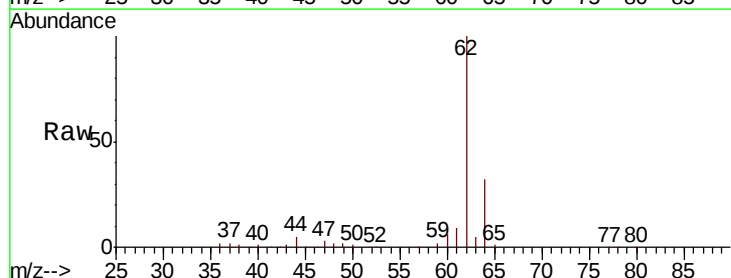
Acq: 16 May 2019 14:24

Tgt Ion: 62 Resp: 39956

Ion Ratio Lower Upper

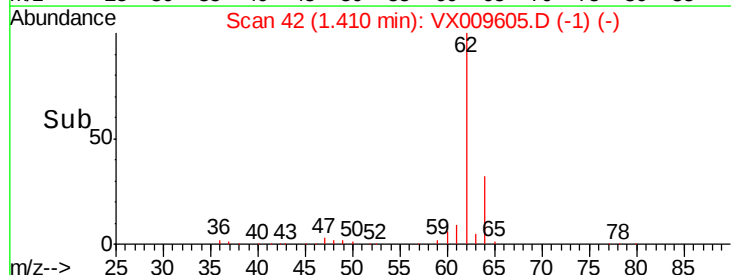
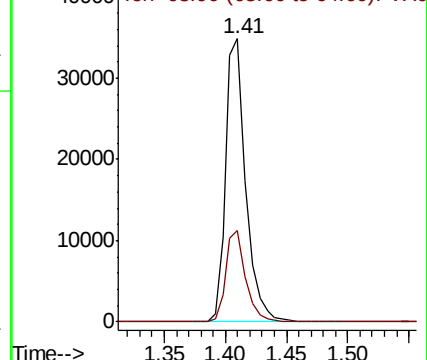
62 100

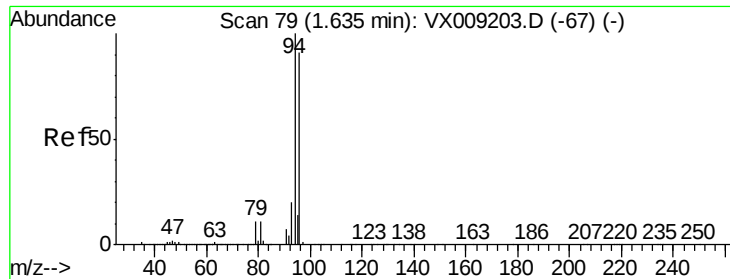
64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.354 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

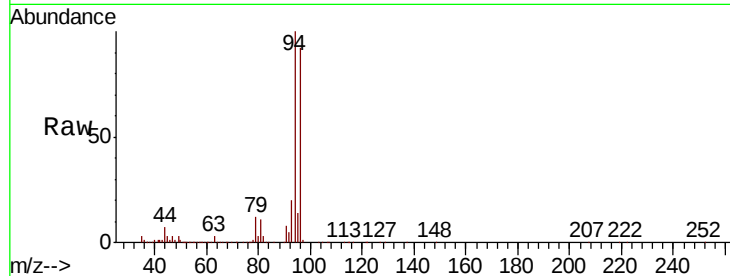
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 25507

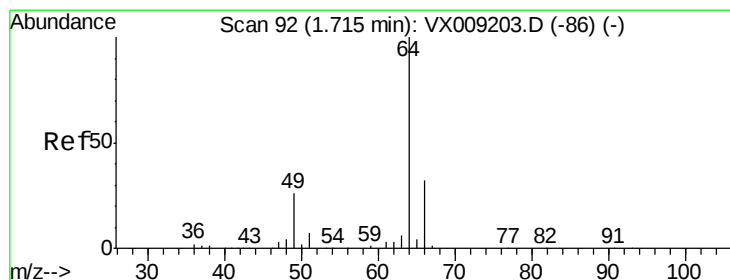
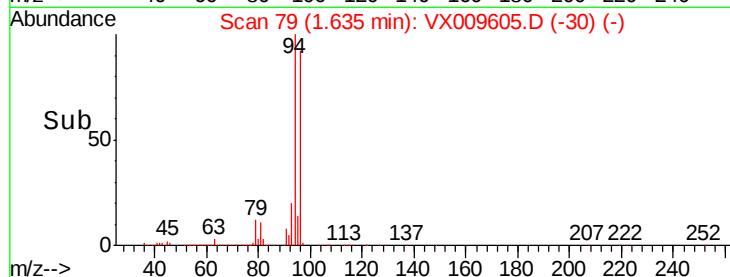
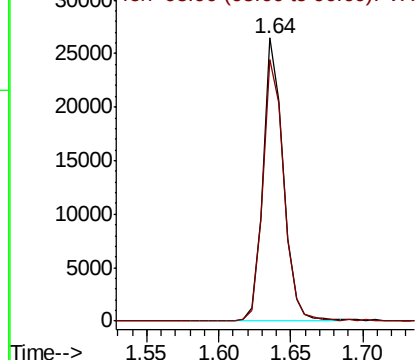
Ion Ratio Lower Upper

94 100

96 92.5 73.0 109.6



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



#6

Chloroethane

Concen: 20.955 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009605.D

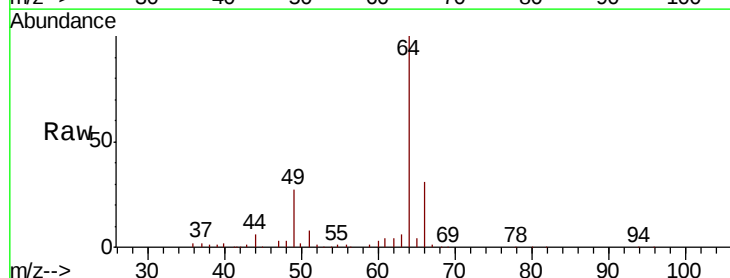
Acq: 16 May 2019 14:24

Tgt Ion: 64 Resp: 26775

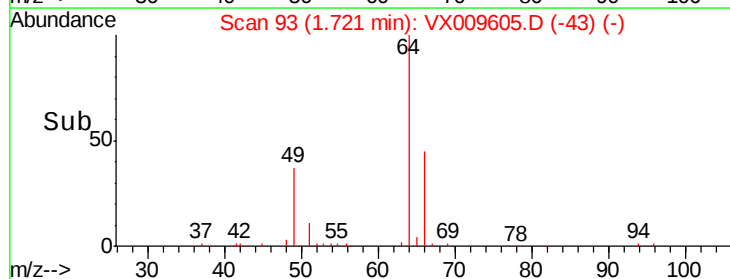
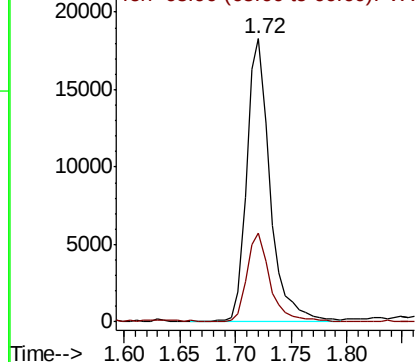
Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



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



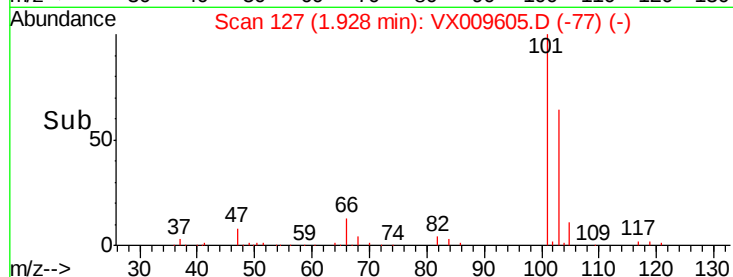
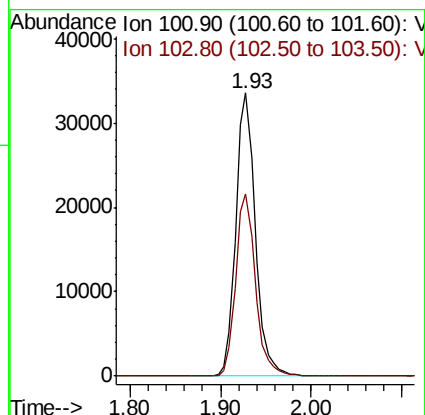
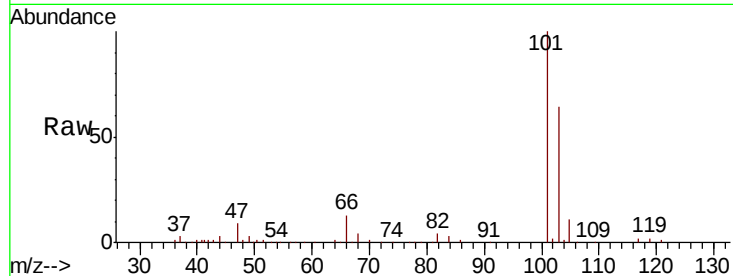


#7

Trichlorofluoromethane
 Concen: 20.779 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :

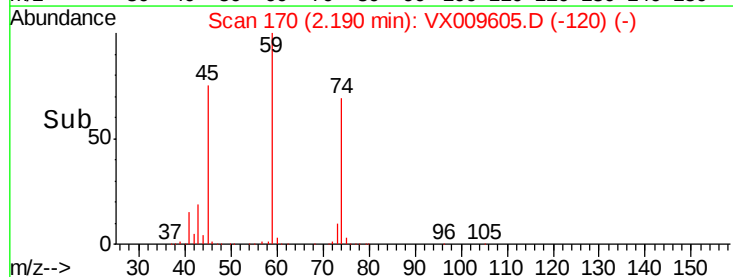
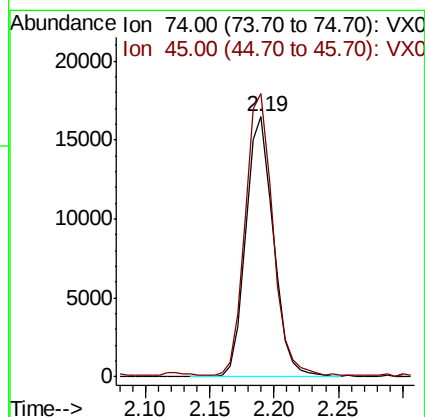
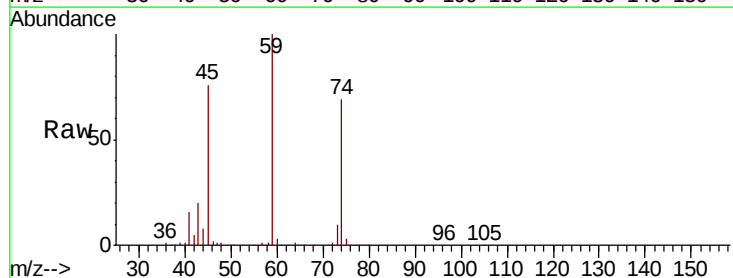
Tot Ion:101 Resp: 50267
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6



#8

Diethyl Ether
 Concen: 21.261 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion: 74 Resp: 24363
 Ion Ratio Lower Upper
 74 100
 45 107.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.965 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

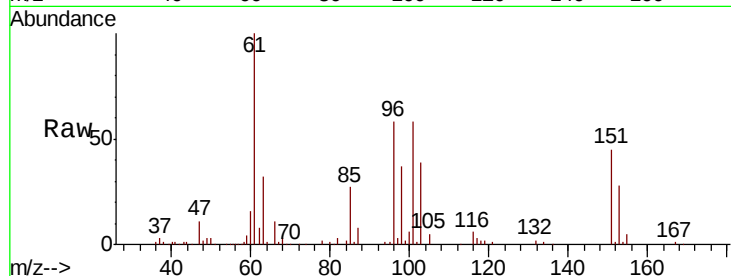
Tot Ion:101 Resp: 30330

Ion Ratio Lower Upper

101 100

85 45.1 35.7 53.5

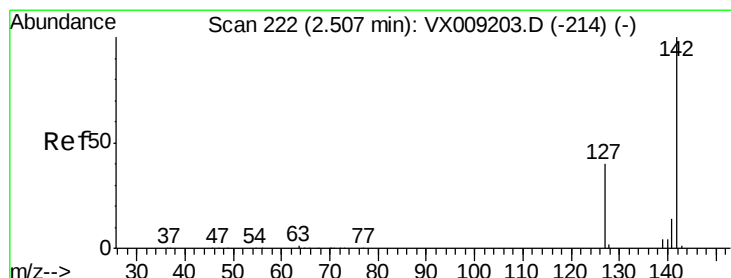
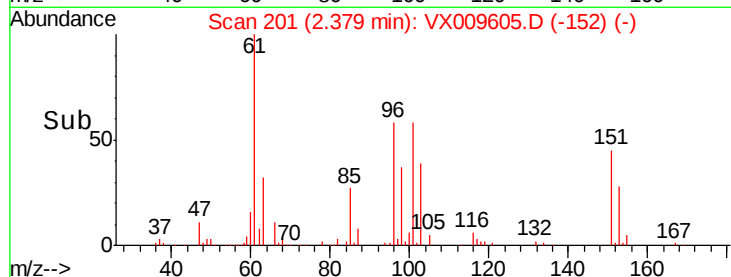
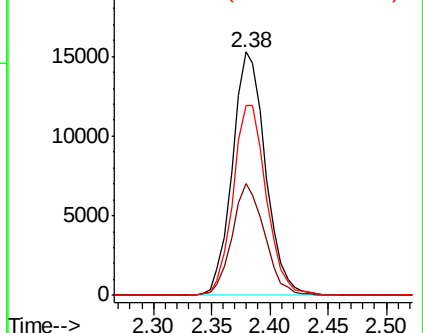
151 78.7 62.2 93.2



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: 22.514 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

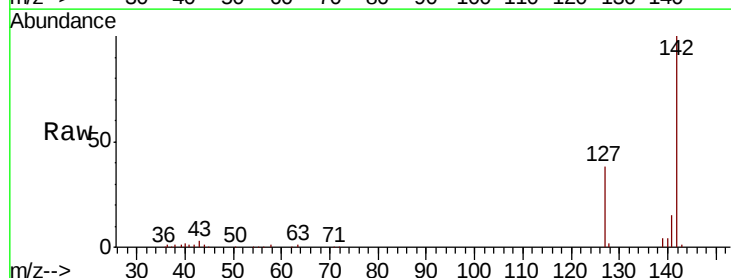
Tgt Ion:142 Resp: 34831

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

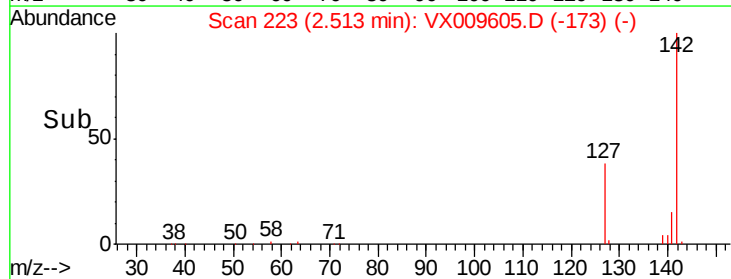
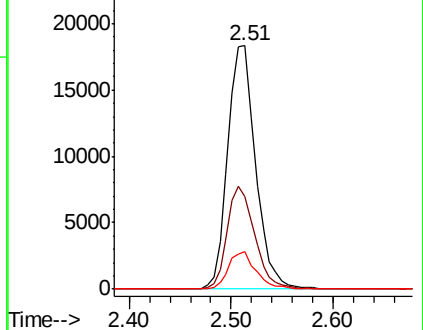
141 15.0 11.5 17.3

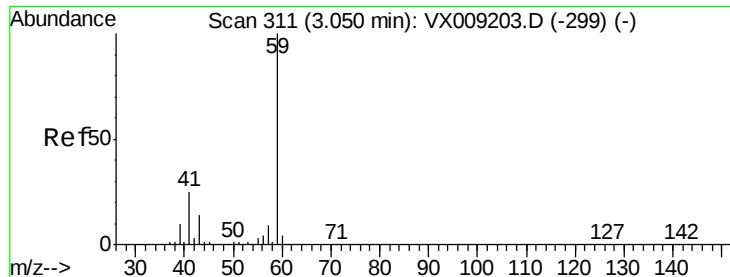


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

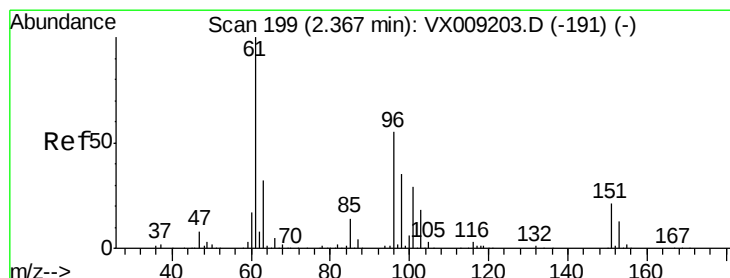
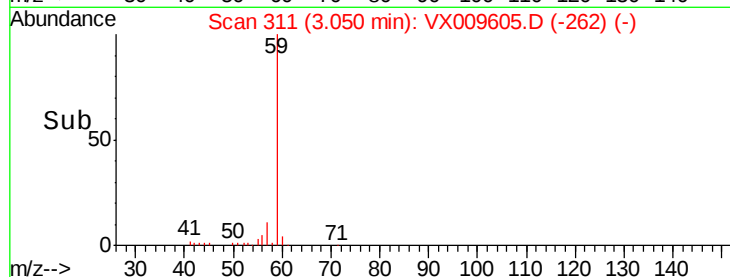
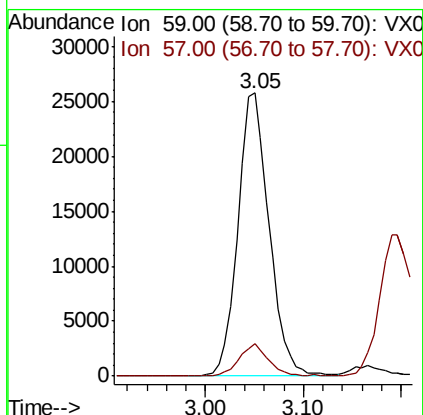
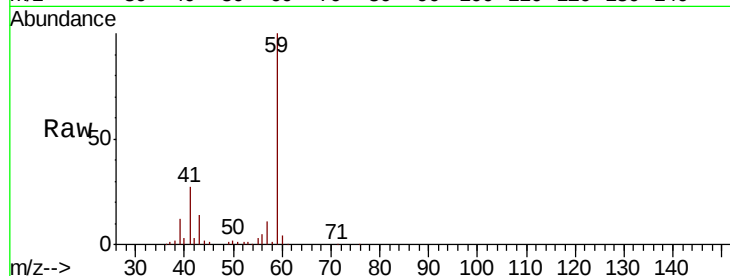




#11
Tert butyl alcohol
Concen: 111.367 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

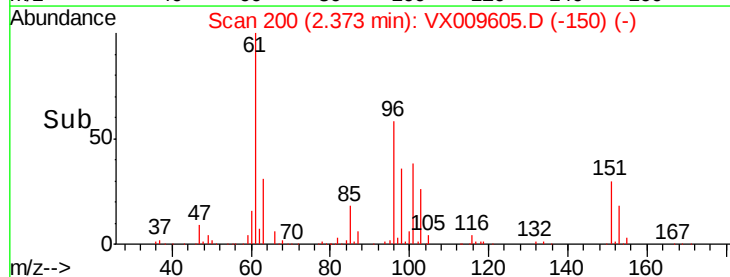
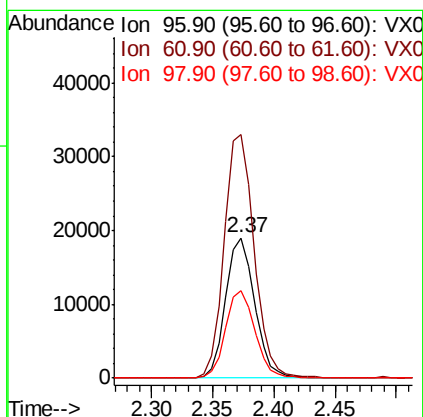
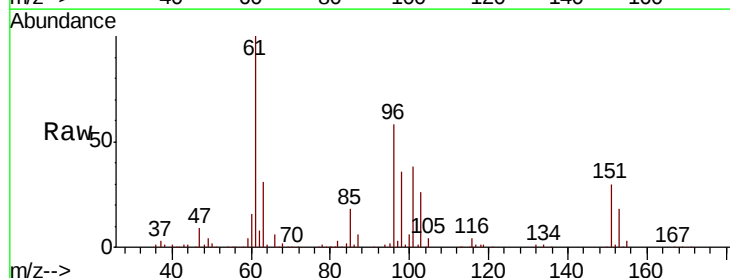
Instrument :
MSVOA_X
ClientSampleId :

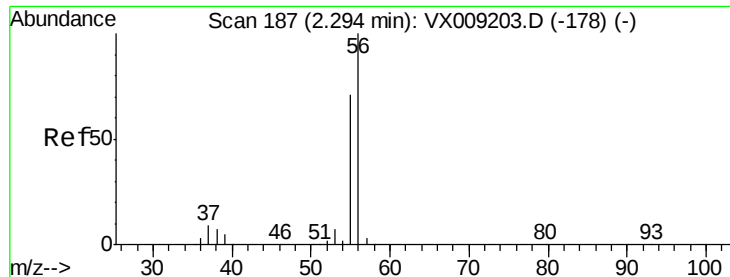
Tot Ion: 59 Resp: 57087
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.612 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 96 Resp: 31373
Ion Ratio Lower Upper
96 100
61 173.8 144.3 216.5
98 62.9 50.3 75.5





#13

Acrolein

Concen: 60.468 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

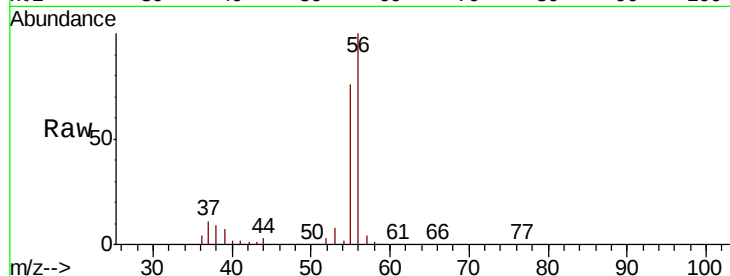
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 28071

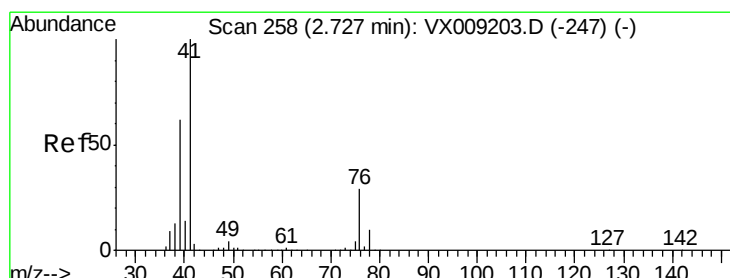
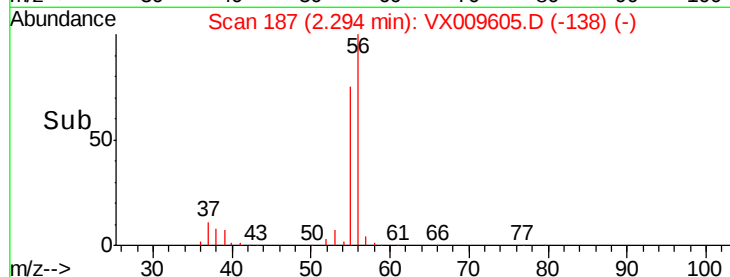
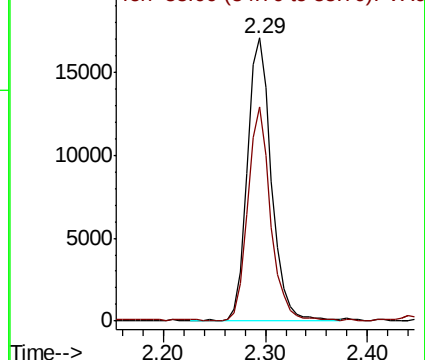
Ion Ratio Lower Upper

56 100

55 72.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.187 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

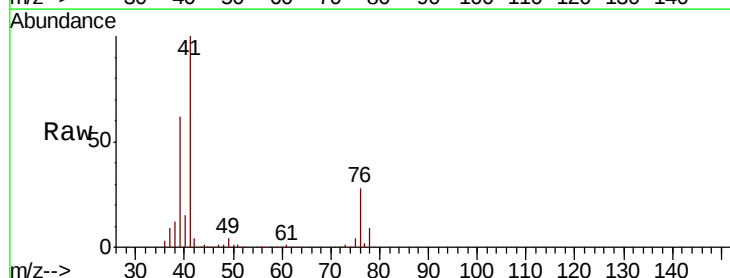
Tgt Ion: 41 Resp: 74881

Ion Ratio Lower Upper

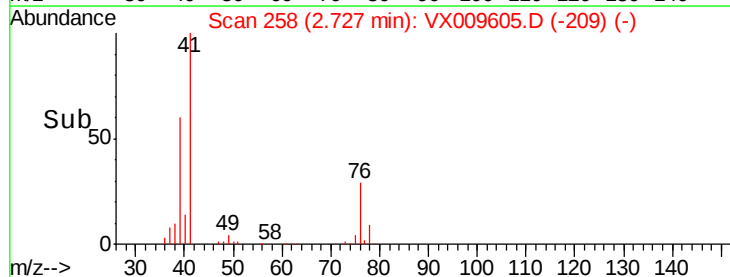
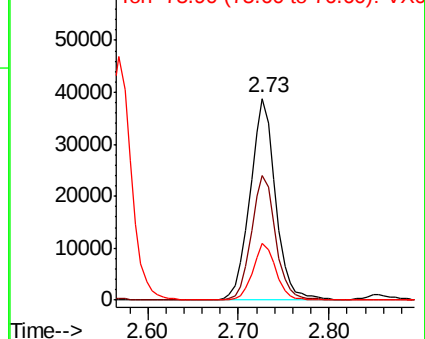
41 100

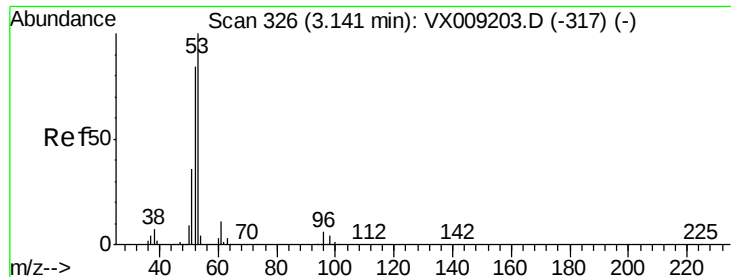
39 59.7 46.7 70.1

76 26.0 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





#15

Acrylonitrile

Concen: 107.683 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

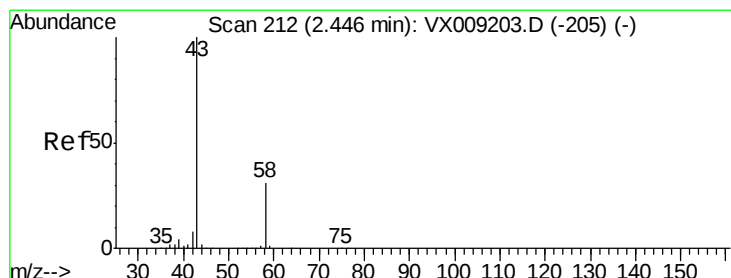
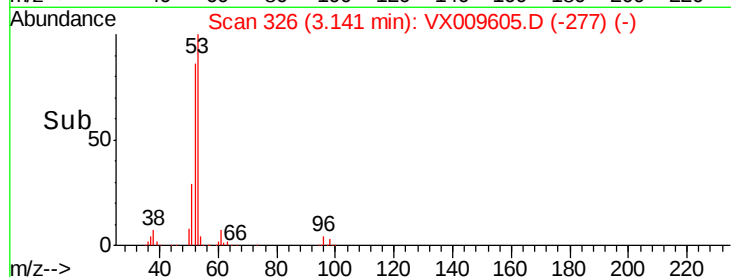
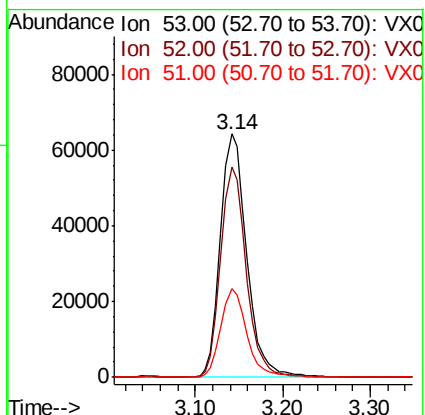
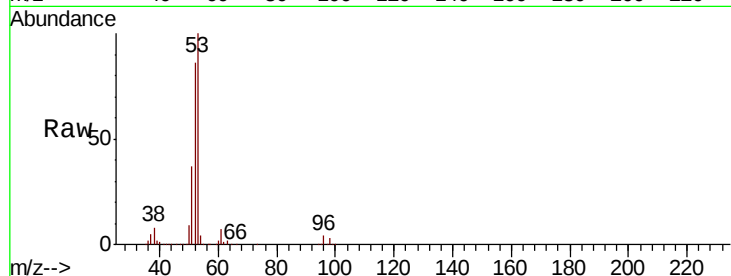
Tot Ion: 53 Resp: 134965

Ion Ratio Lower Upper

53 100

52 83.8 66.9 100.3

51 36.5 28.2 42.2



#16

Acetone

Concen: 103.101 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009605.D

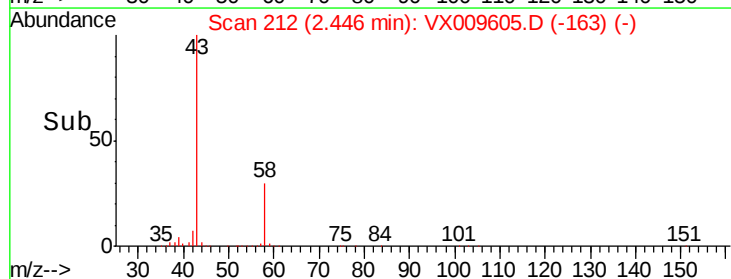
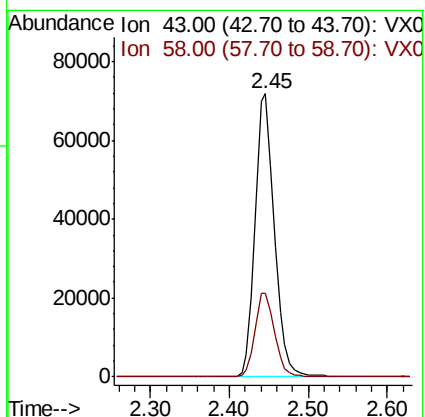
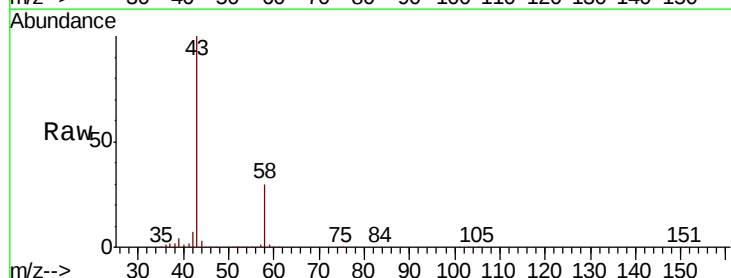
Acq: 16 May 2019 14:24

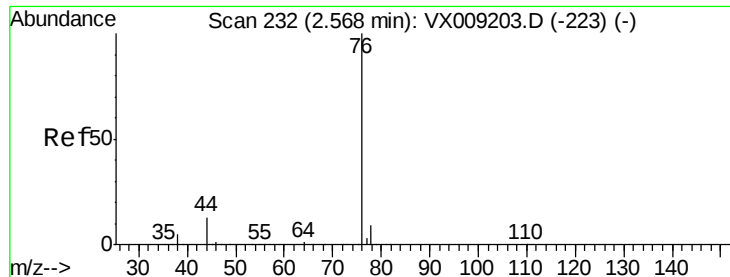
Tgt Ion: 43 Resp: 122597

Ion Ratio Lower Upper

43 100

58 29.6 24.9 37.3

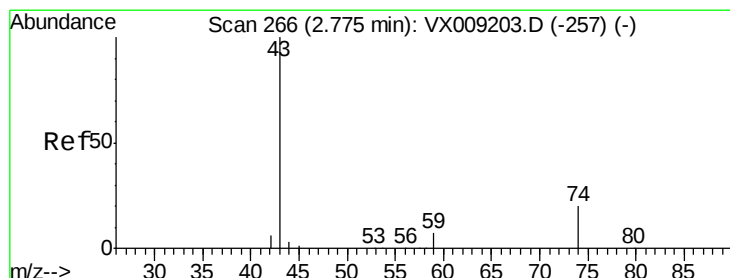
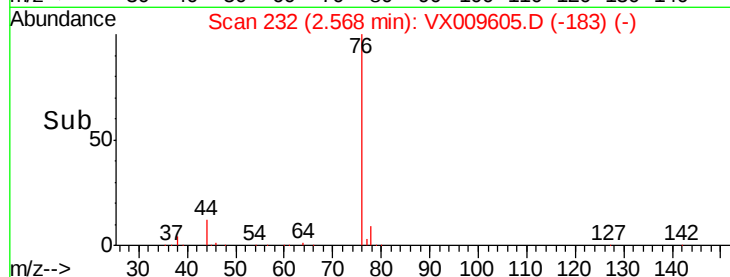
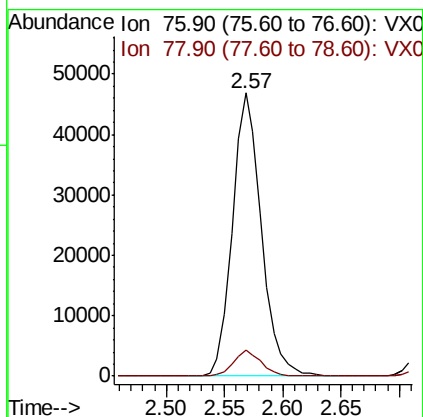
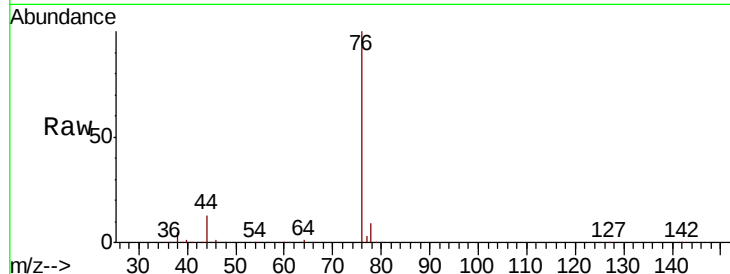




#17
Carbon Disulfide
Concen: 18.914 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

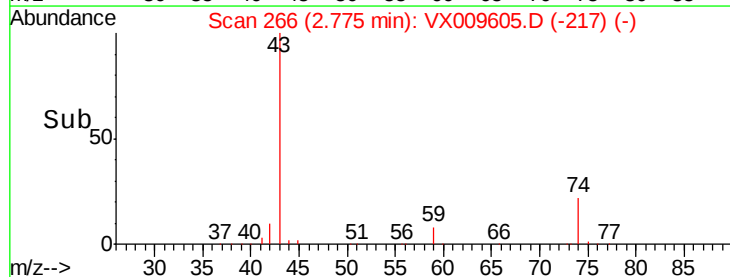
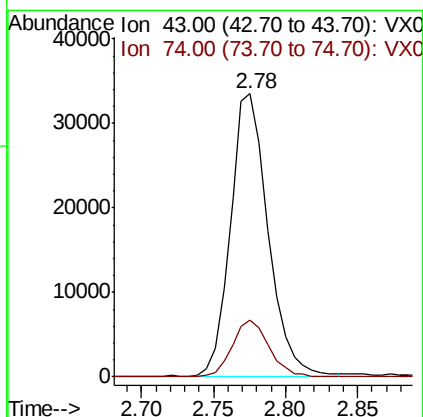
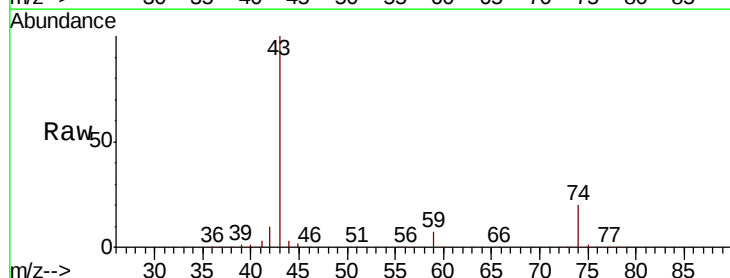
Instrument :
MSVOA_X
ClientSampled :

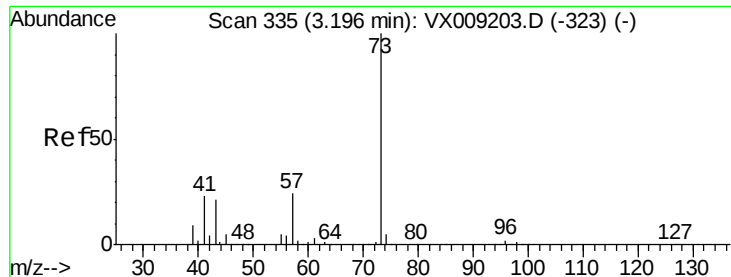
Tot Ion: 76 Resp: 80827
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 21.466 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 43 Resp: 60704
Ion Ratio Lower Upper
43 100
74 20.1 16.2 24.4

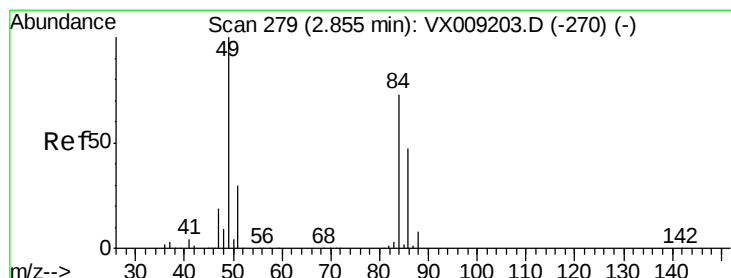
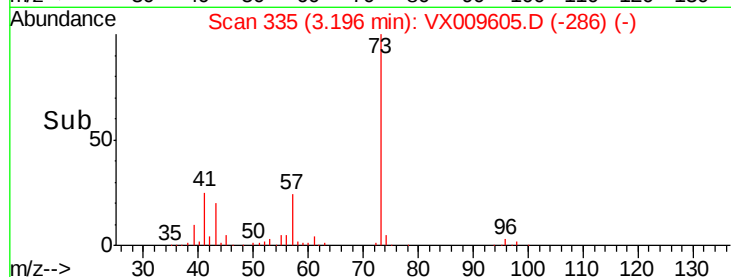
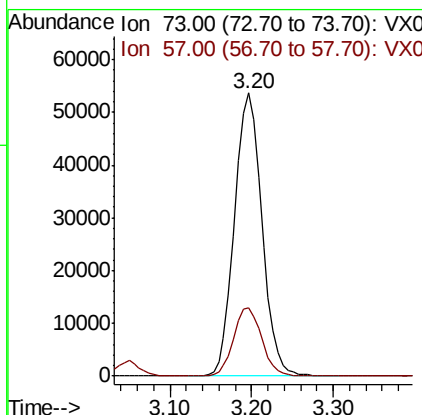
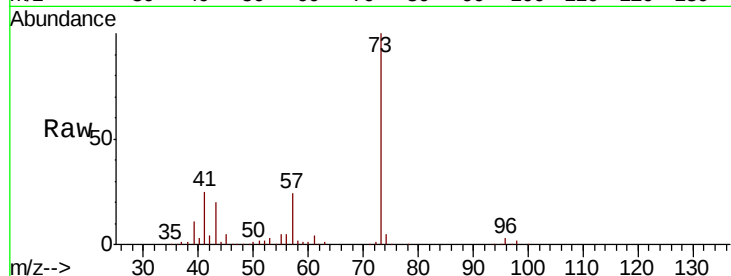




#19
Methyl tert-butyl Ether
Concen: 21.128 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

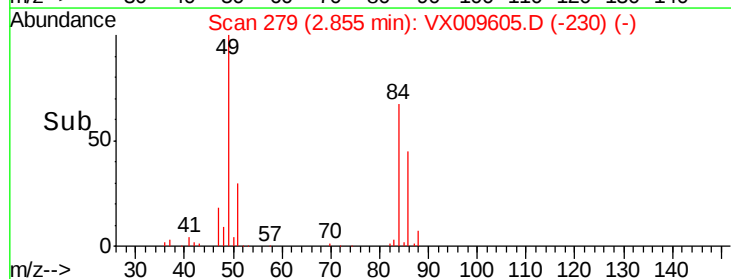
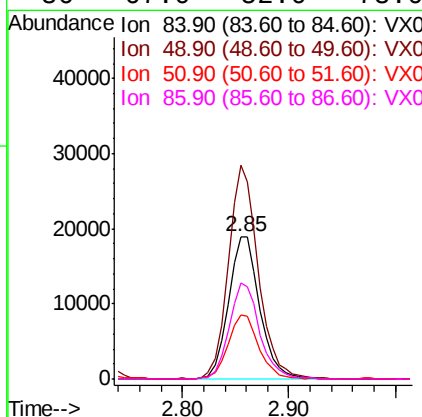
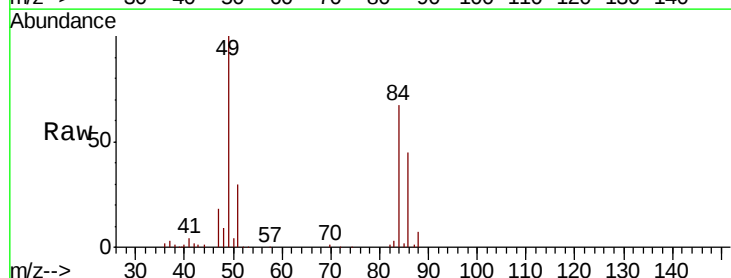
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 124881
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 20.127 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 84 Resp: 38751
Ion Ratio Lower Upper
84 100
49 149.4 109.9 164.9
51 45.1 32.7 49.1
86 67.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.650 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :

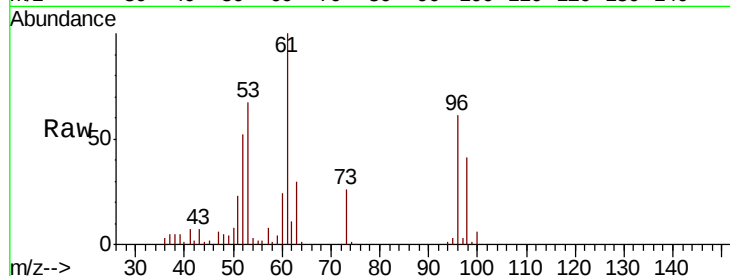
Tot Ion: 96 Resp: 34088

Ion Ratio Lower Upper

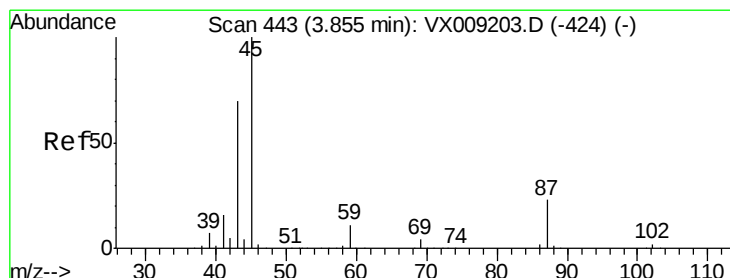
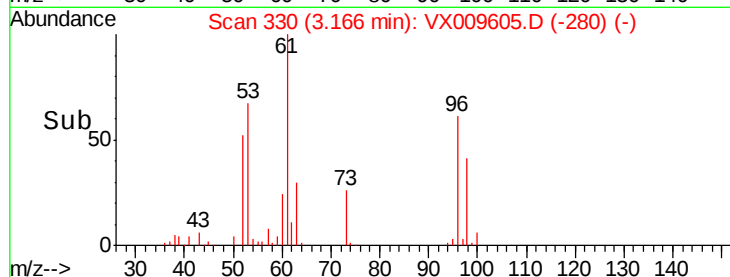
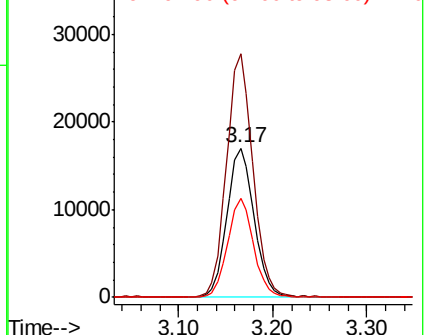
96 100

61 163.0 124.5 186.7

98 66.2 50.4 75.6



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



#22

Diisopropyl ether

Concen: 21.442 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Tgt Ion: 45 Resp: 152959

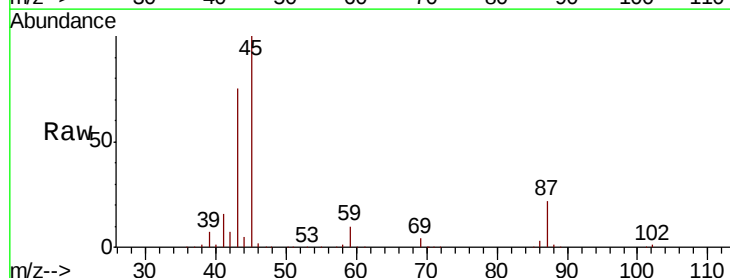
Ion Ratio Lower Upper

45 100

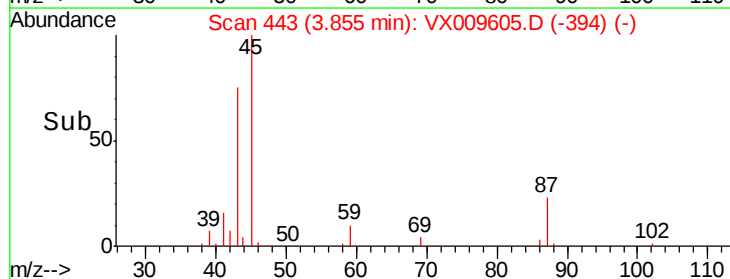
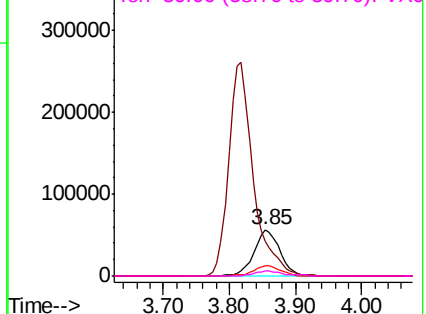
43 75.2 56.1 84.1

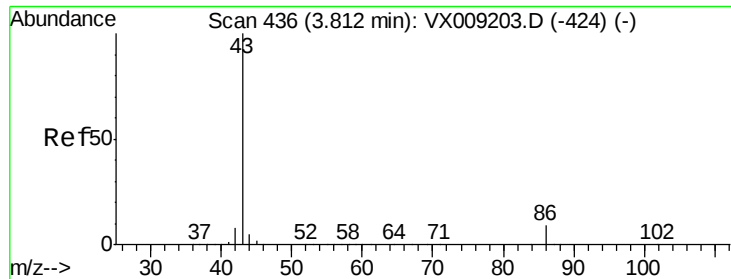
87 22.5 18.1 27.1

59 10.5 8.5 12.7



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





#23

Vinyl Acetate

Concen: 109.959 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

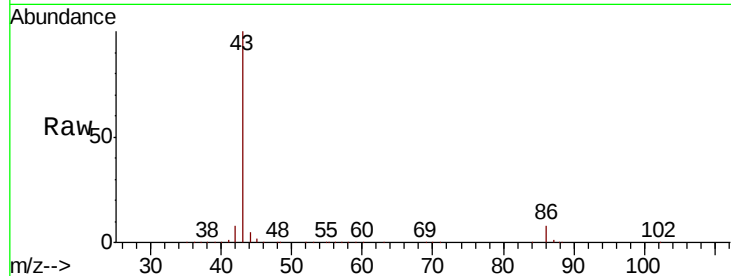
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 671687

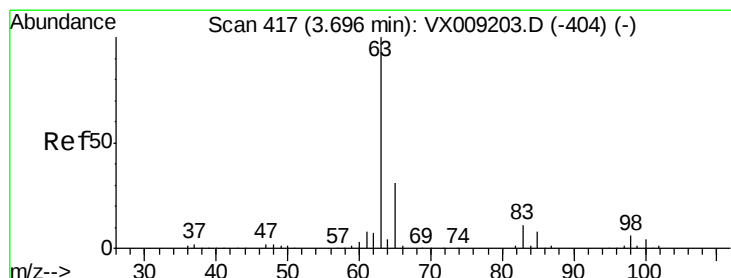
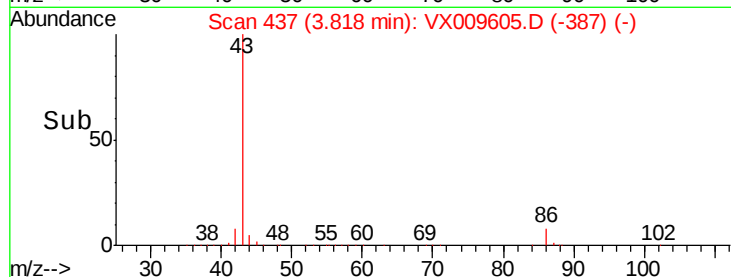
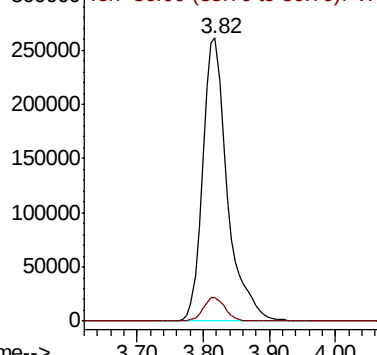
Ion Ratio Lower Upper

43 100

86 8.3 6.9 10.3



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



#24

1,1-Dichloroethane

Concen: 20.719 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

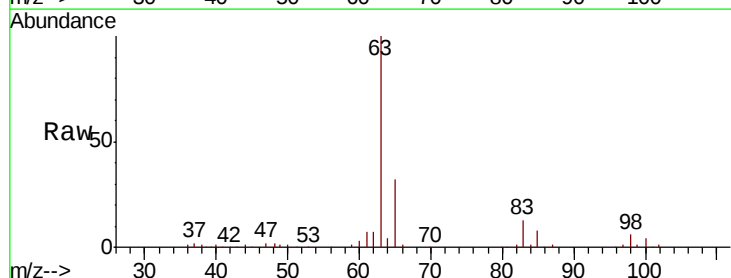
Tgt Ion: 63 Resp: 72910

Ion Ratio Lower Upper

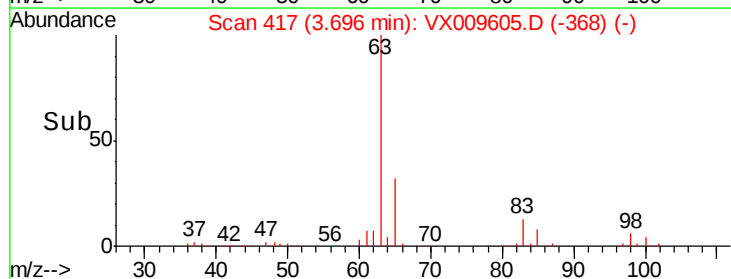
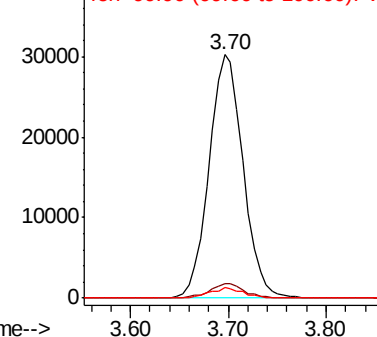
63 100

98 5.9 3.0 9.2

100 4.1 2.0 6.0



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





#25

2-Butanone

Concen: 110.401 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

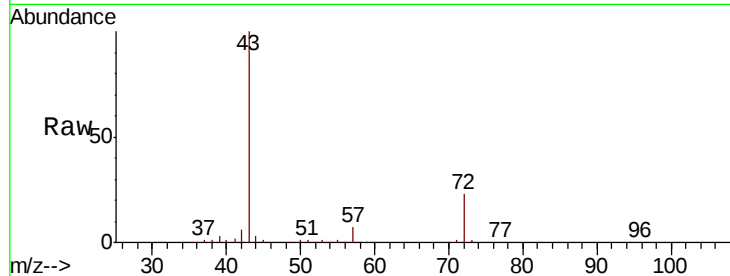
ClientSampled :

Tot Ion: 43 Resp: 204002

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

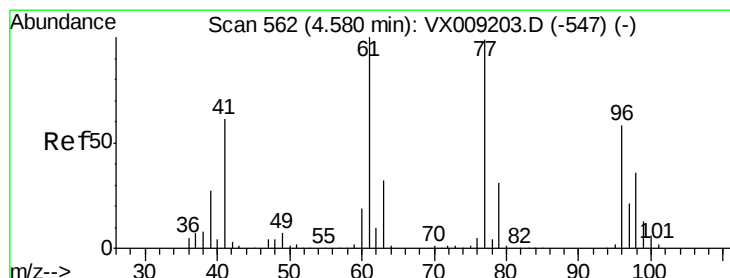
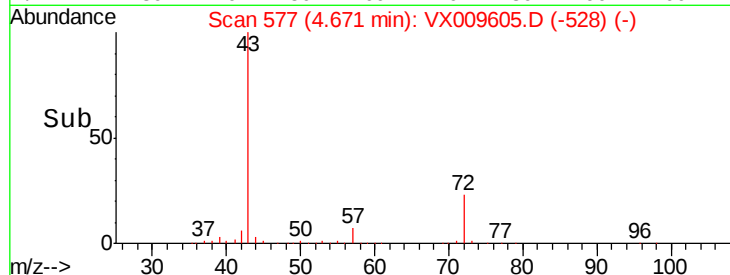
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.967 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009605.D

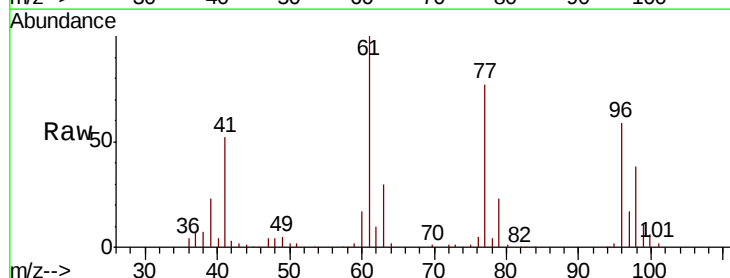
Acq: 16 May 2019 14:24

Tgt Ion: 77 Resp: 49681

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

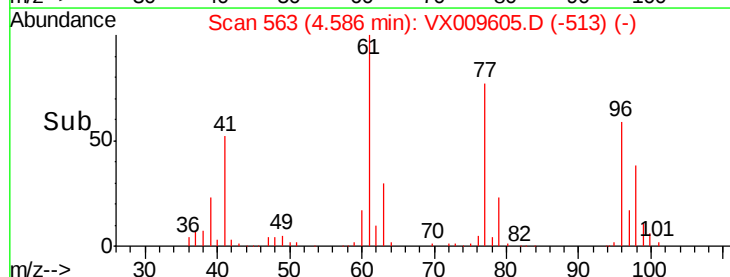
10000

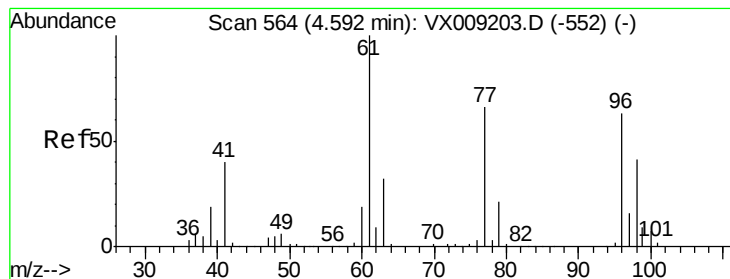
5000

0

4.40 4.50 4.60 4.70

Time-->



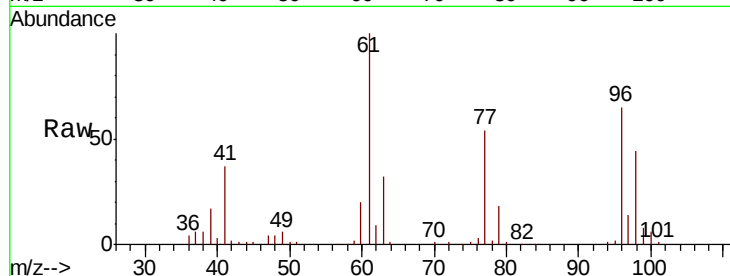


#27

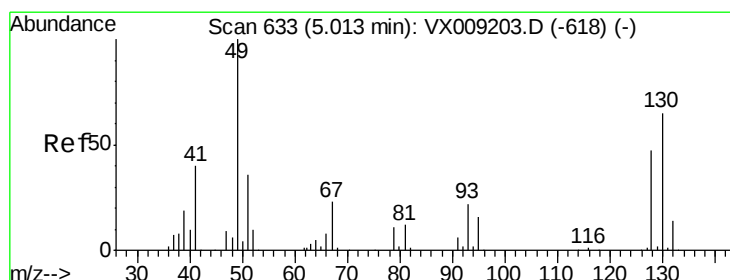
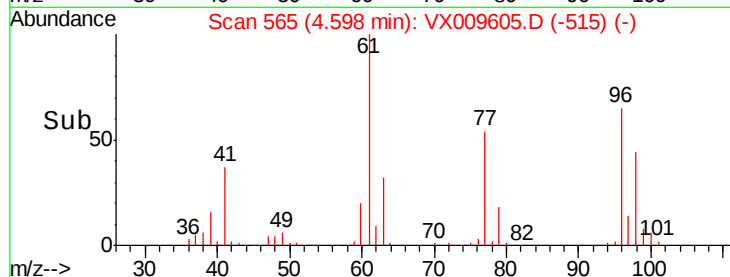
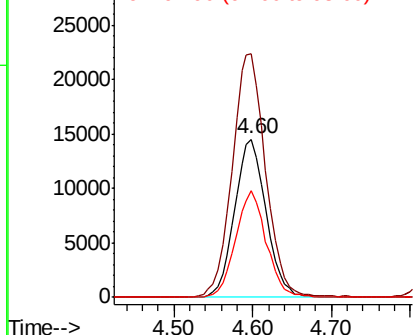
cis-1,2-Dichloroethene
Concen: 20.504 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 40400
Ion Ratio Lower Upper
96 100
61 162.6 0.0 324.0
98 65.6 0.0 130.4



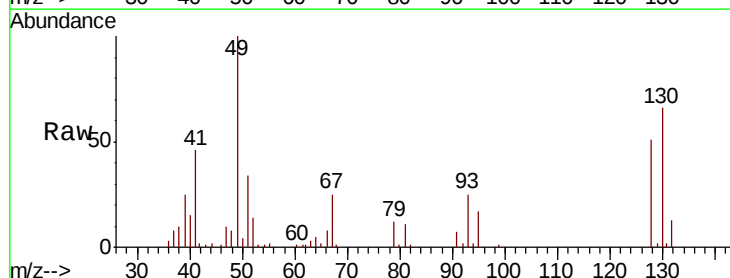
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



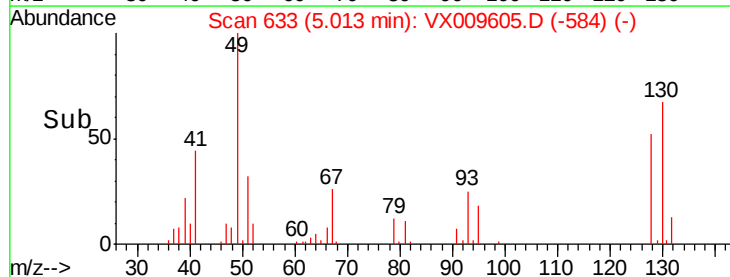
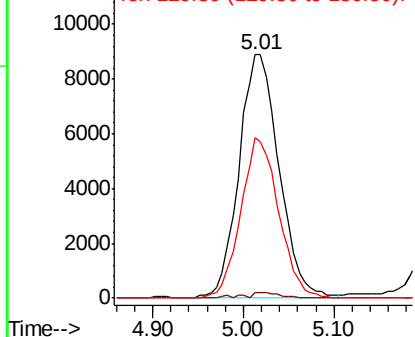
#28

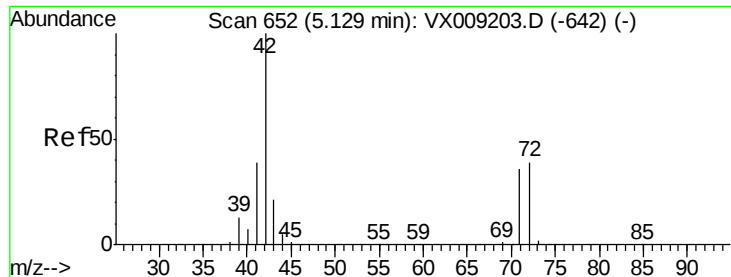
Bromochloromethane
Concen: 17.432 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 49 Resp: 27223
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 62.4 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

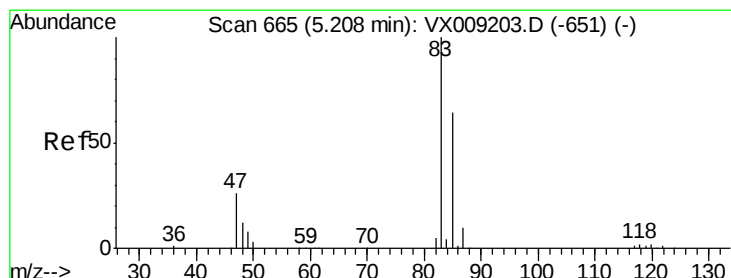
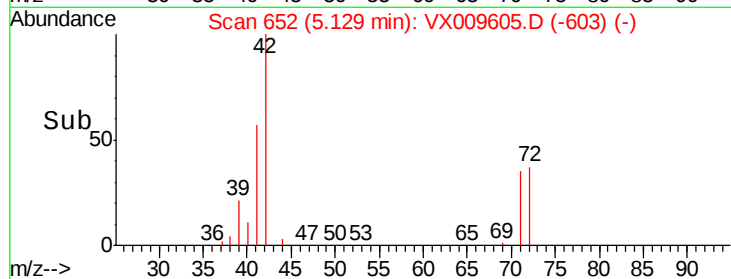
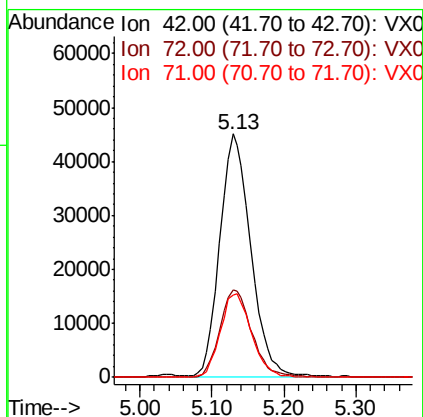
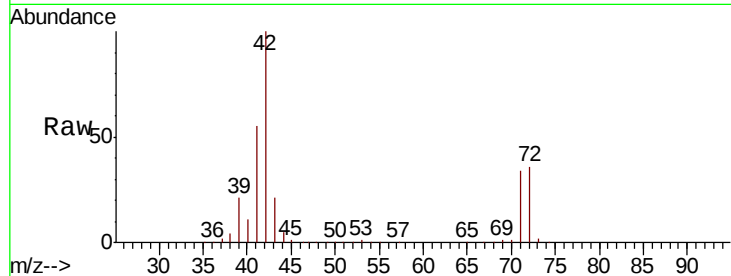




#29
Tetrahydrofuran
Concen: 113.094 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

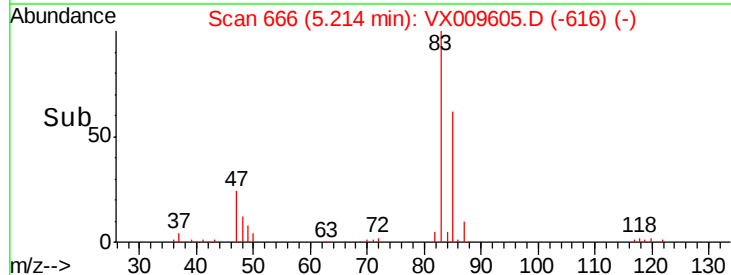
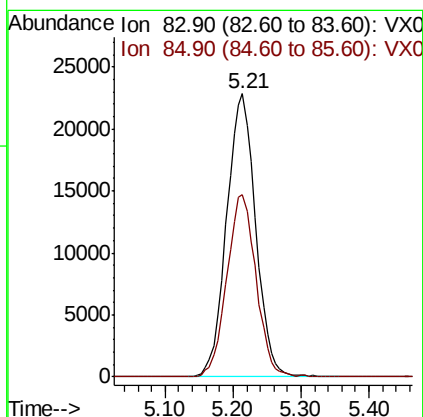
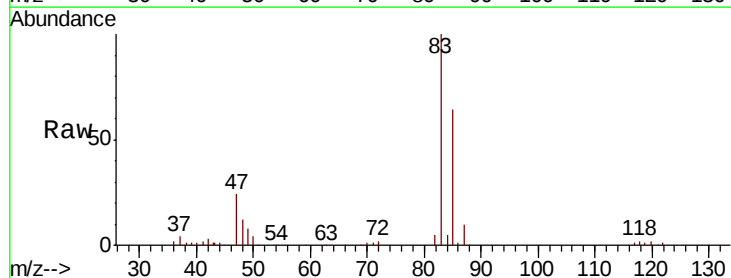
Instrument :
MSVOA_X
ClientSampled :

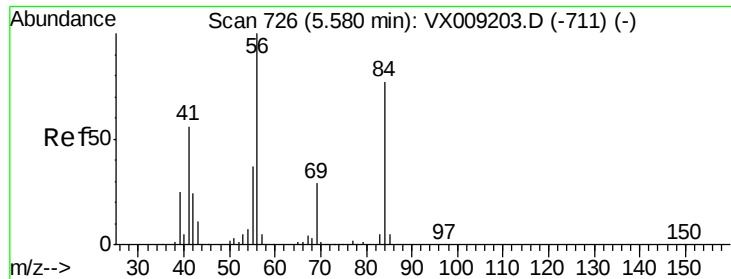
Tot Ion: 42 Resp: 134476
Ion Ratio Lower Upper
42 100
72 37.3 30.4 45.6
71 34.8 28.6 43.0



#30
Chloroform
Concen: 21.206 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 83 Resp: 67494
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3

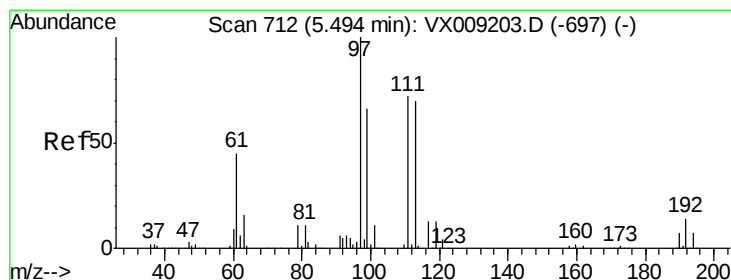
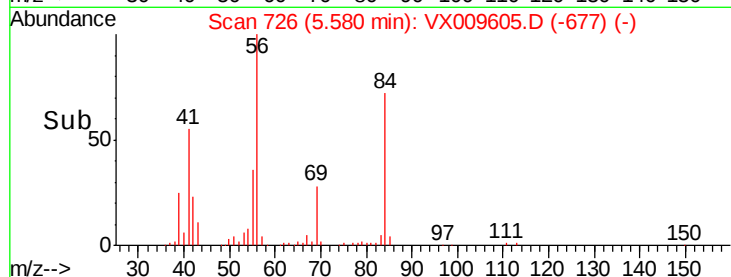
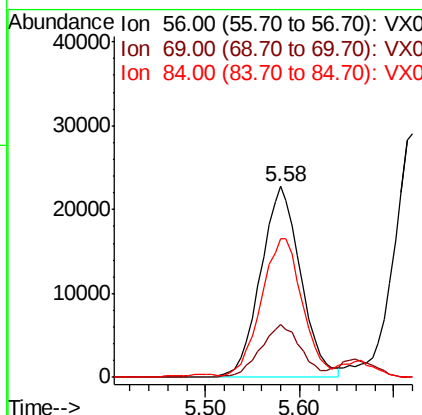
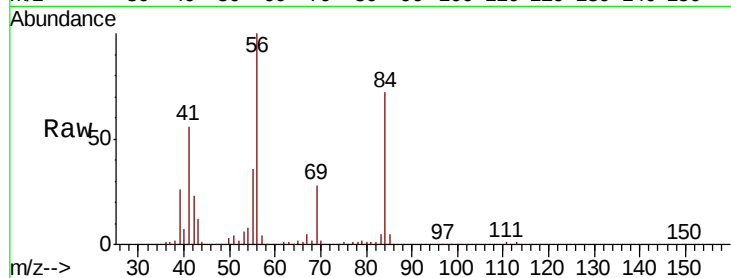




#31
Cyclohexane
Concen: 20.692 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

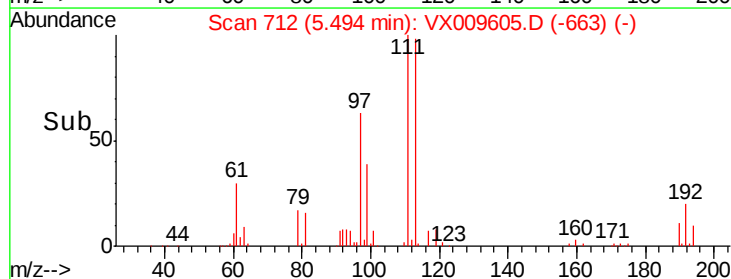
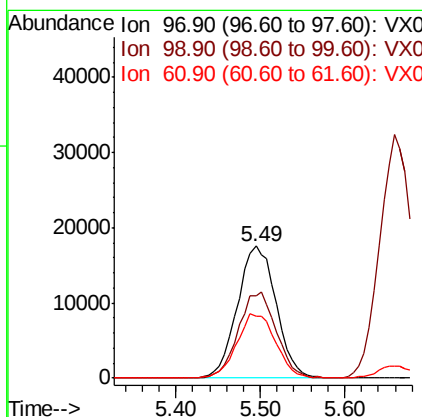
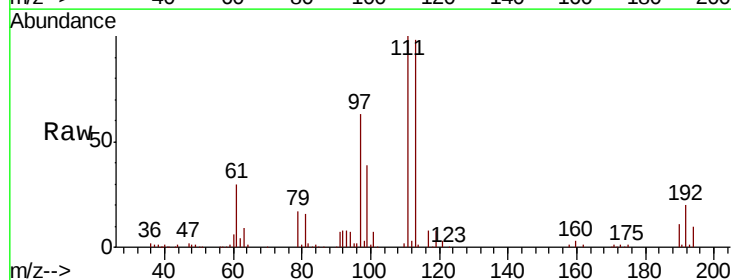
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 67745
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.0
84 71.3 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 20.638 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 97 Resp: 54681
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 49.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 48.819 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

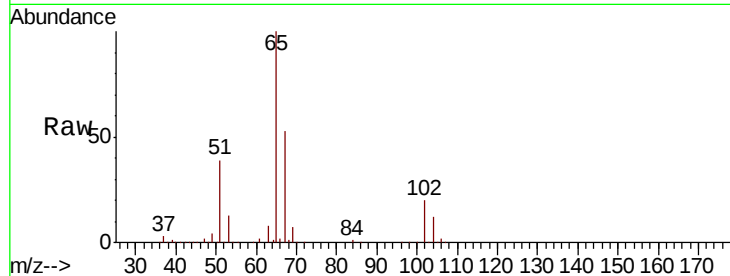
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 108110

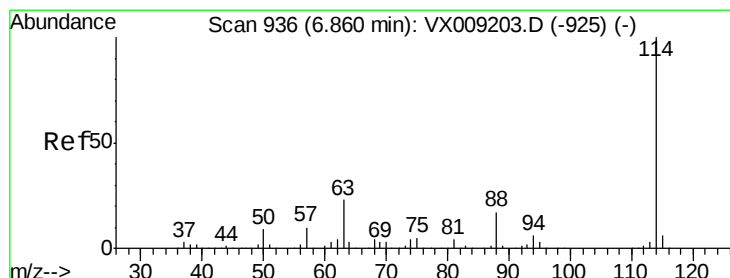
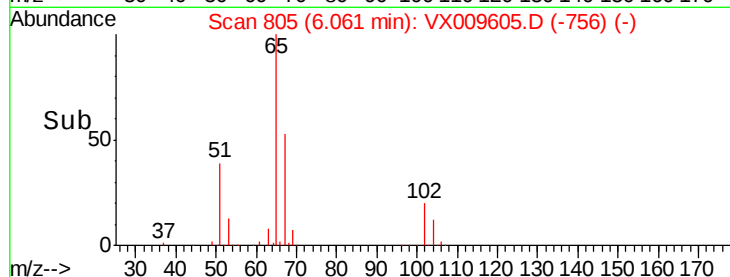
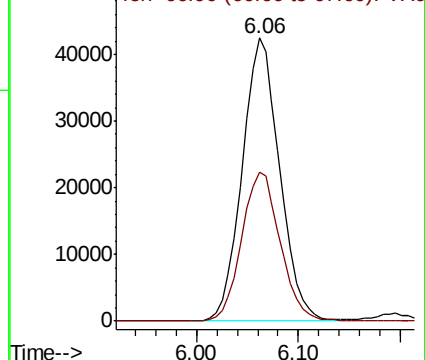
Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

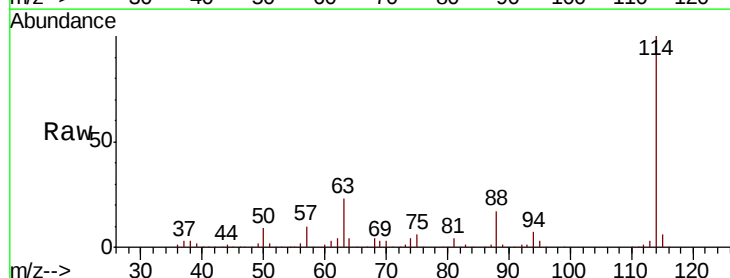
Tgt Ion: 114 Resp: 260351

Ion Ratio Lower Upper

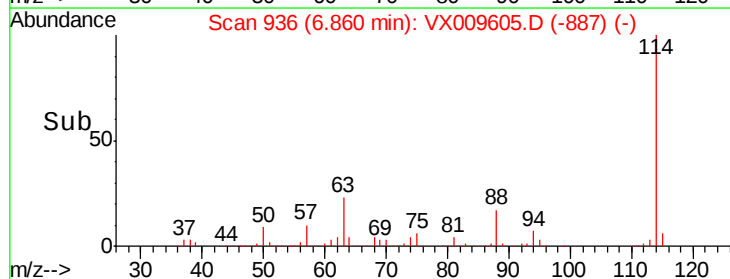
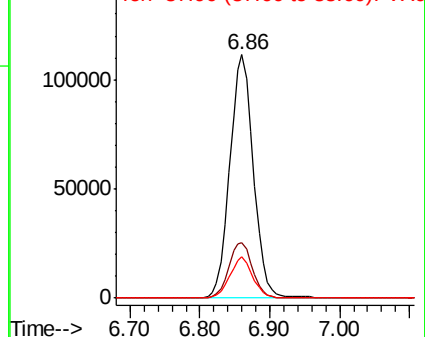
114 100

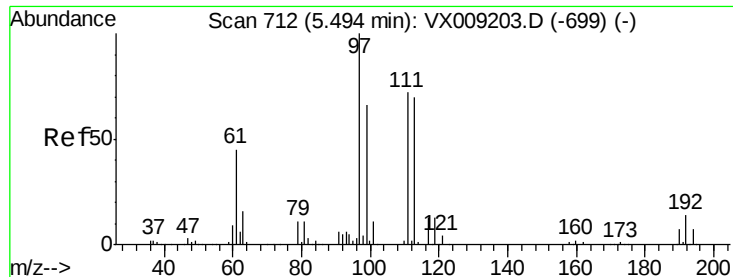
63 22.7 0.0 45.6

88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

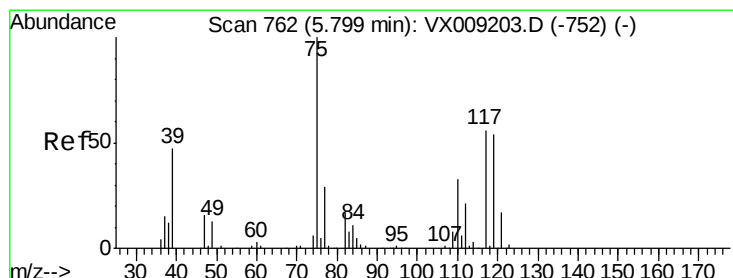
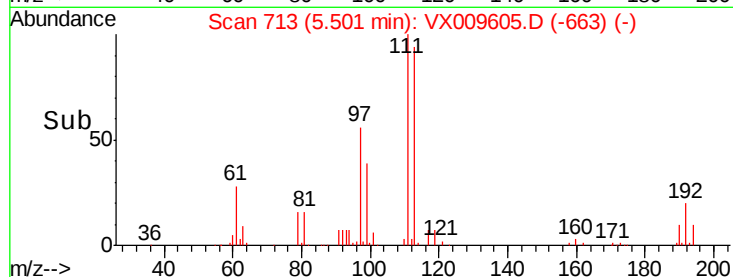
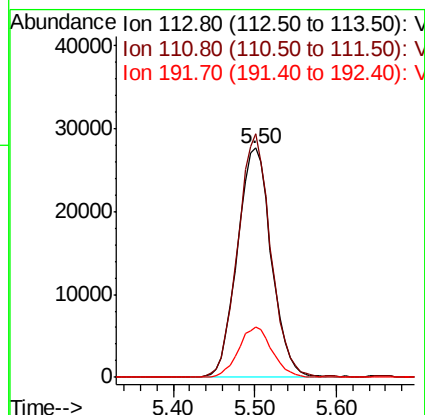
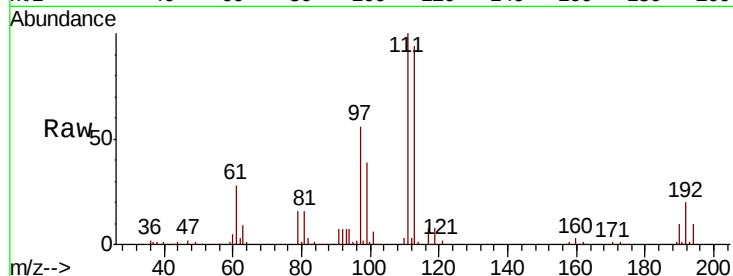




#35
 Dibromofluoromethane
 Concen: 48.940 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

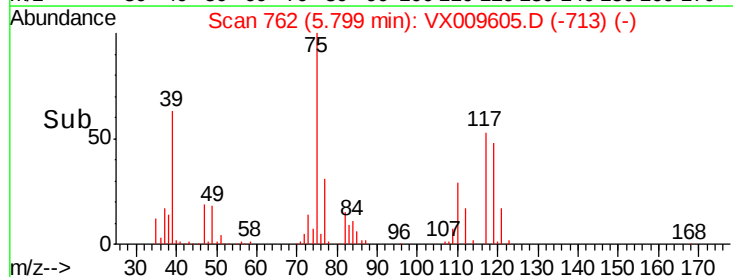
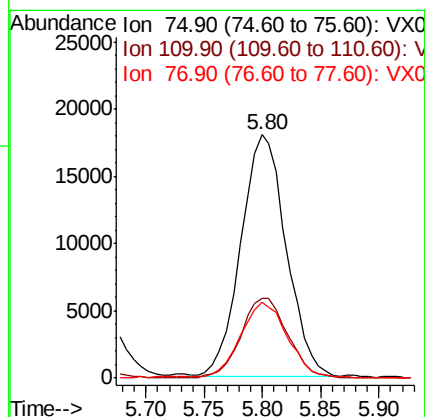
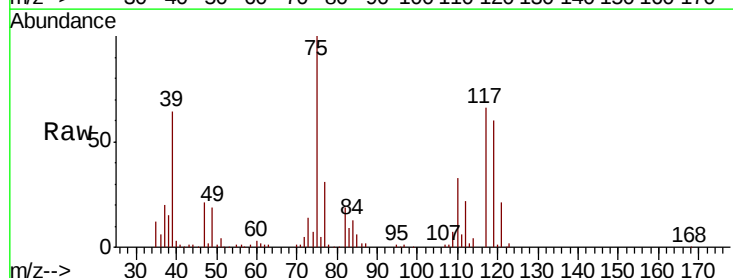
Instrument :
 MSVOA_X
 ClientSampleId :

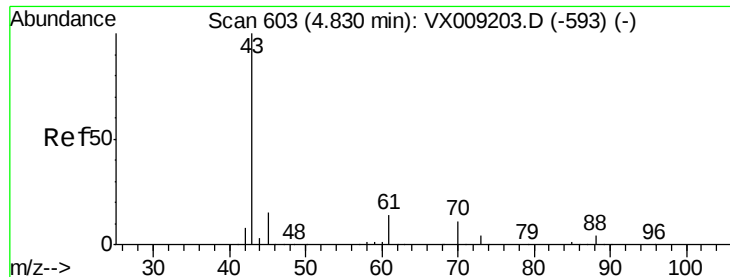
Tot Ion:113 Resp: 80099
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 20.006 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion: 75 Resp: 48403
 Ion Ratio Lower Upper
 75 100
 110 34.5 16.9 50.6
 77 33.2 24.8 37.2





#37

Ethyl Acetate

Concen: 22.054 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :

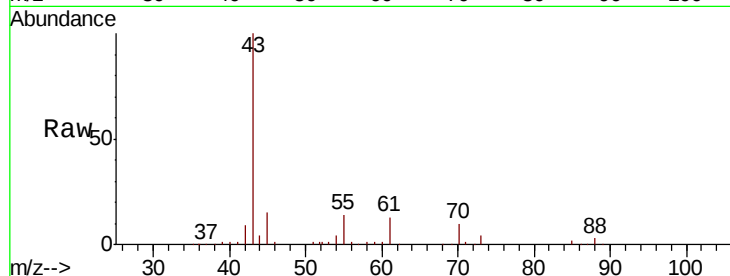
Tot Ion: 43 Resp: 74344

Ion Ratio Lower Upper

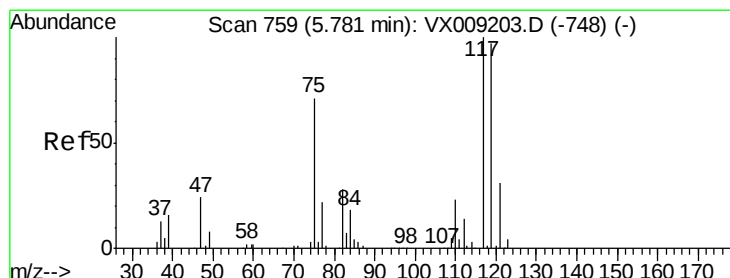
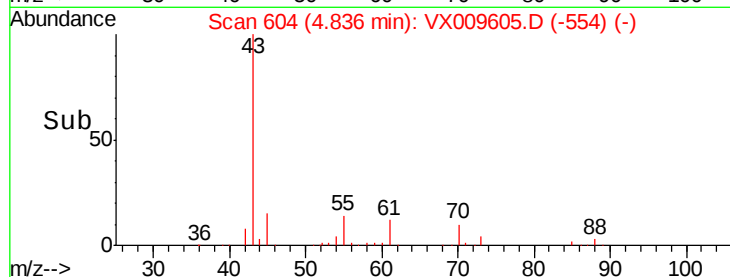
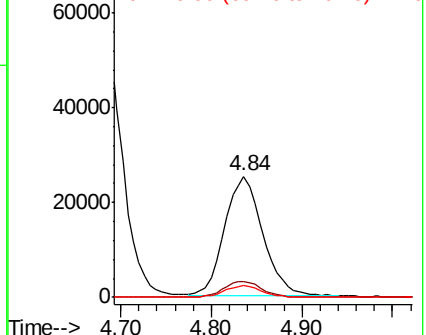
43 100

61 13.7 10.5 15.7

70 9.7 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: 20.220 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

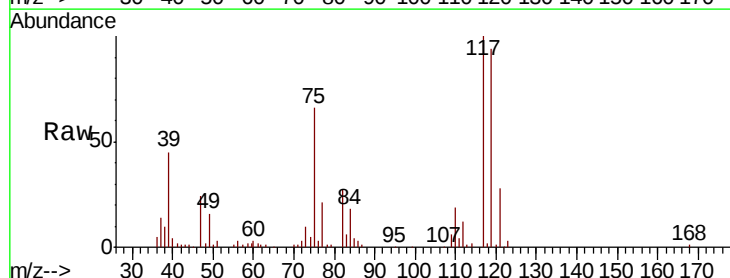
Tgt Ion: 117 Resp: 44449

Ion Ratio Lower Upper

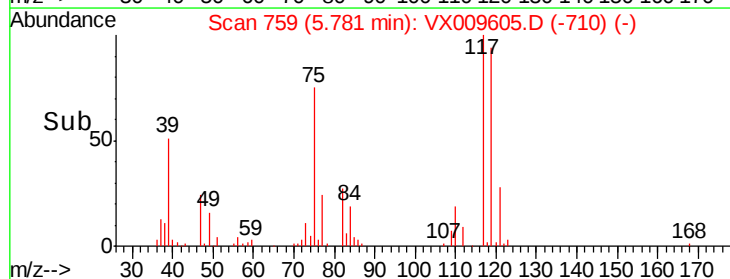
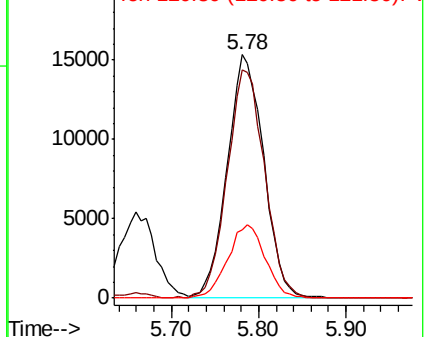
117 100

119 94.0 77.5 116.3

121 28.2 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

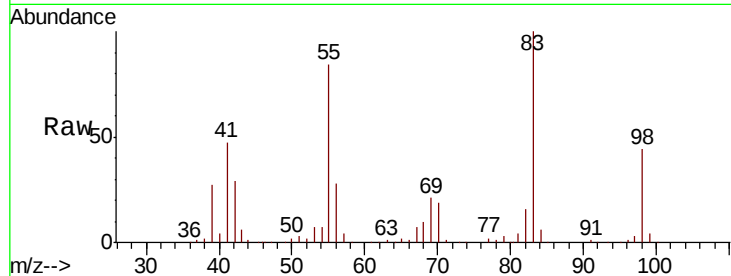




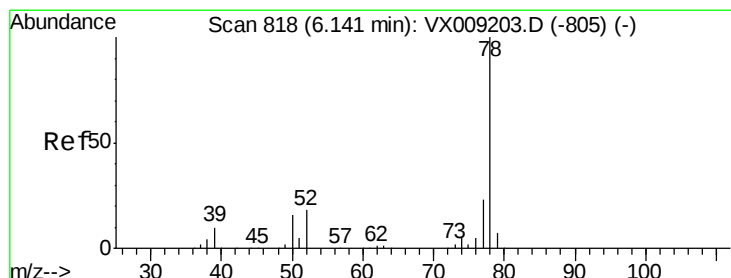
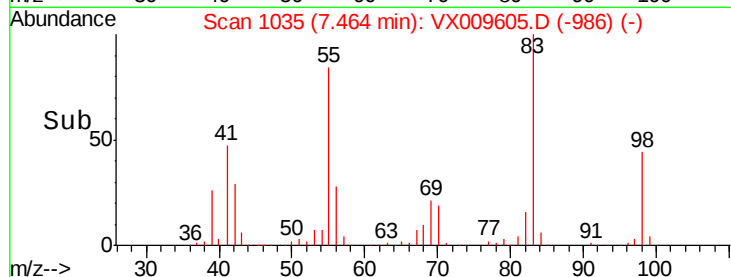
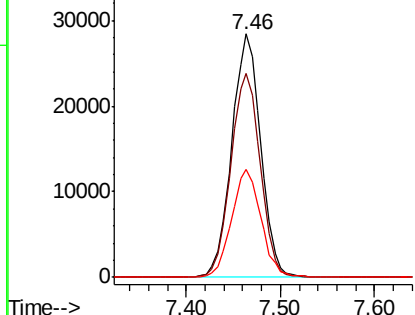
#39
Methvlcvclohexane
Concen: 20.363 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 60505
Ion Ratio Lower Upper
83 100
55 83.7 67.7 101.5
98 44.4 35.5 53.3

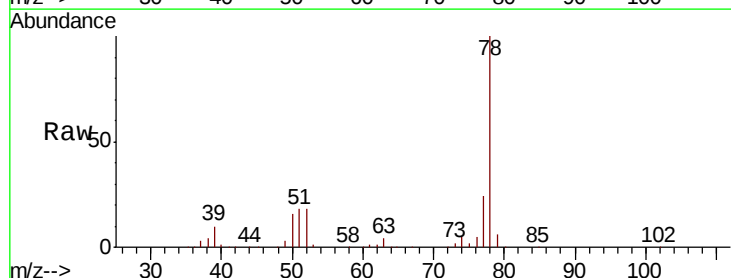


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

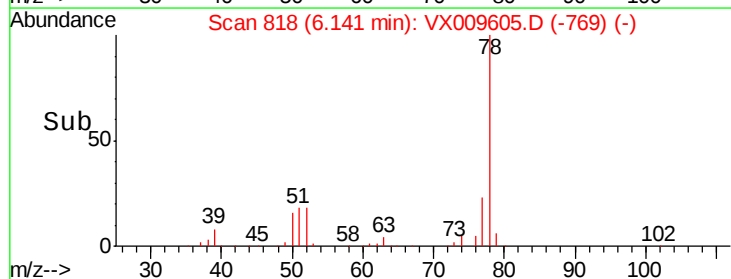
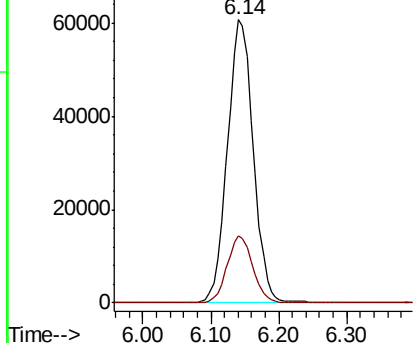


#40
Benzene
Concen: 21.378 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 78 Resp: 160074
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

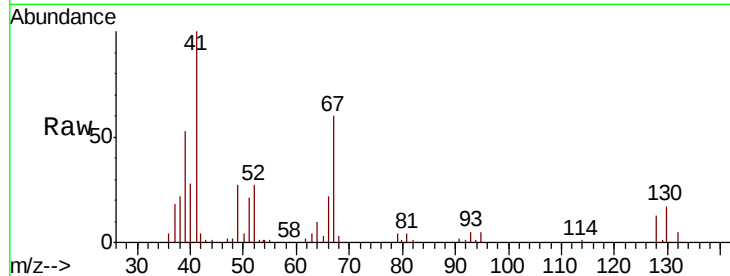




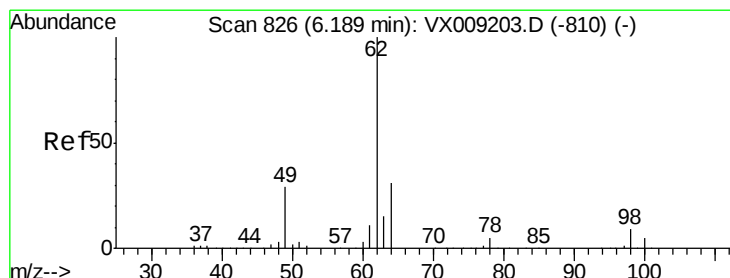
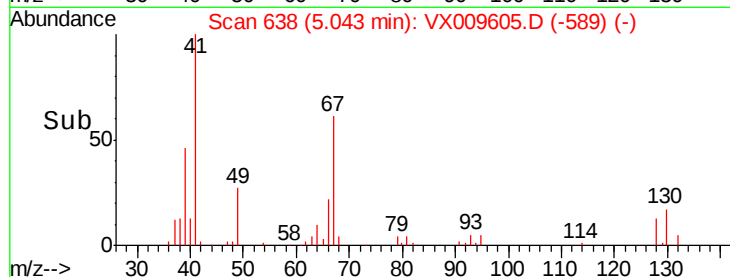
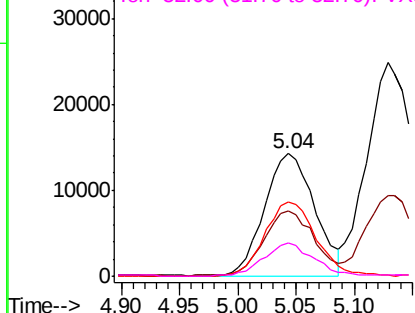
#41
Methacrylonitrile
Concen: 21.106 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	42353
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.0	63.0
67	62.6	49.8	74.8
52	27.9	20.3	30.5

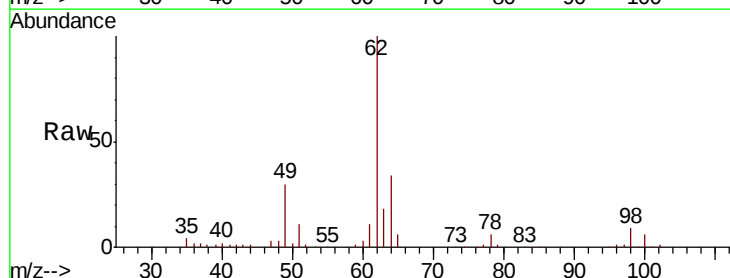


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

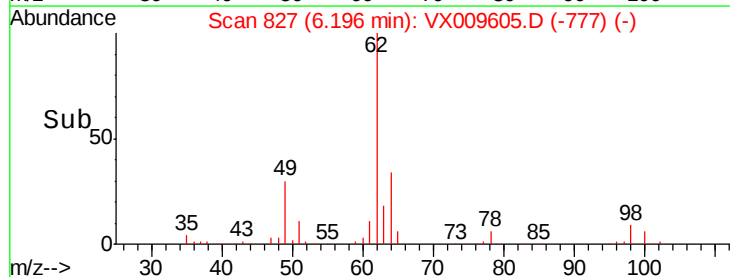
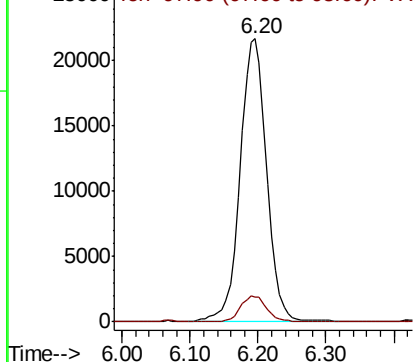


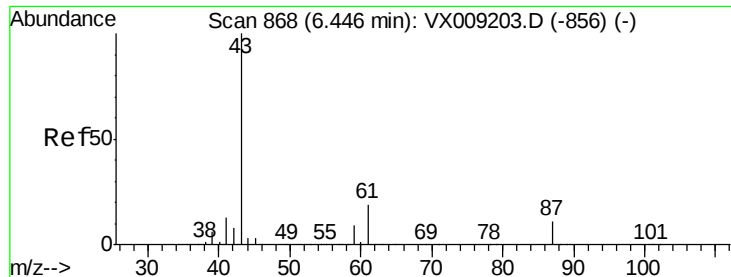
#42
1,2-Dichloroethane
Concen: 21.854 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion:	62	Resp:	58701
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 21.783 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

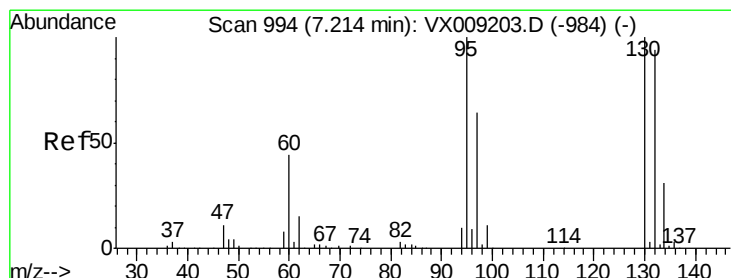
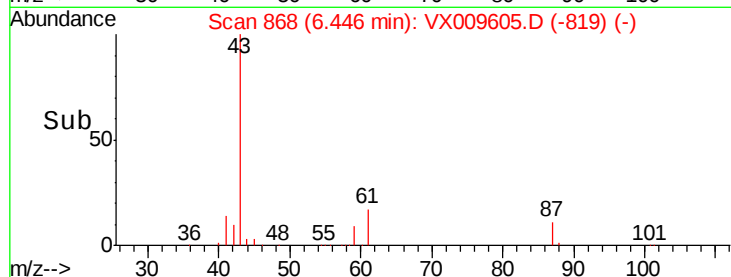
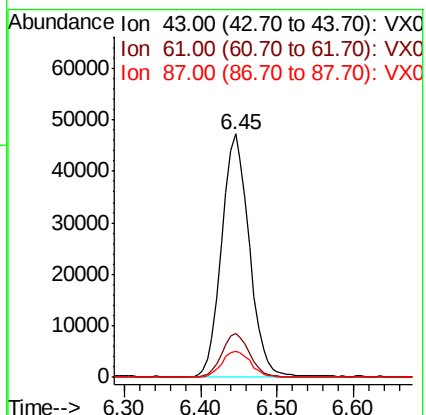
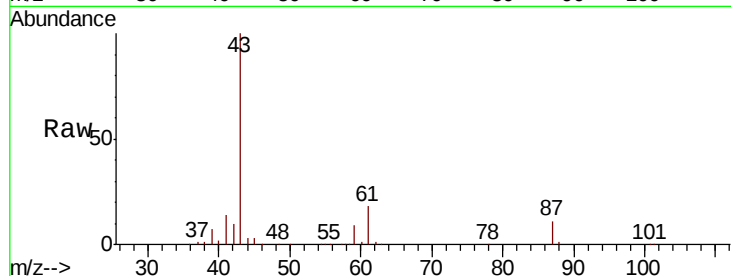
Tot Ion: 43 Resp: 117455

Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

87 11.4 9.0 13.6



#44

Trichloroethene

Concen: 20.500 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009605.D

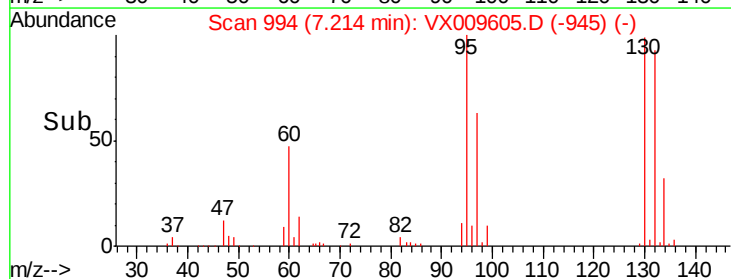
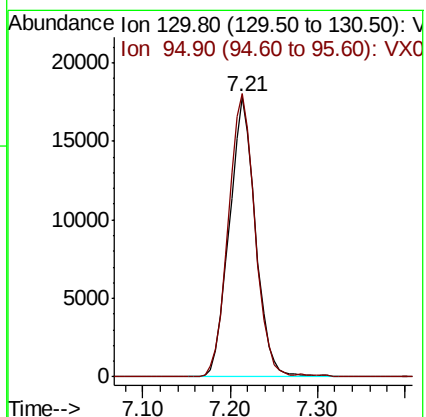
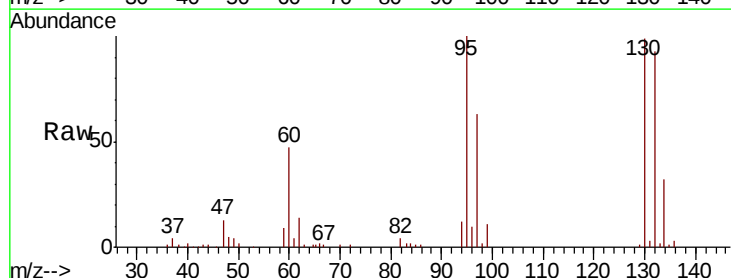
Acq: 16 May 2019 14:24

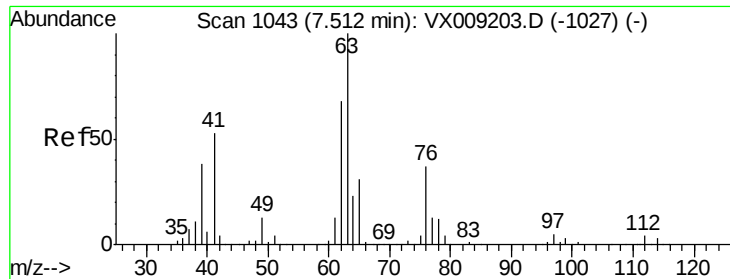
Tgt Ion:130 Resp: 37109

Ion Ratio Lower Upper

130 100

95 101.2 0.0 199.2





#45

1,2-Dichloropropane

Concen: 21.401 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

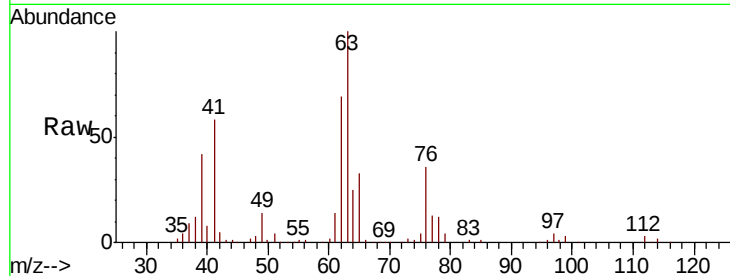
ClientSampled :

Tot Ion: 63 Resp: 45375

Ion Ratio Lower Upper

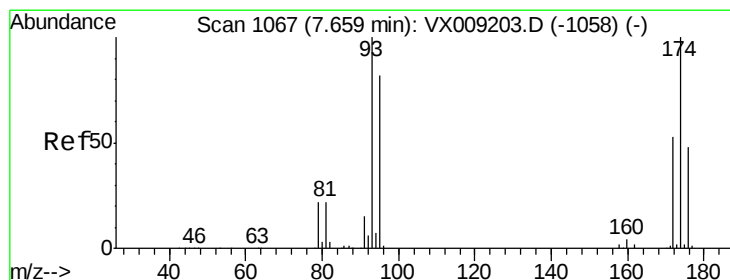
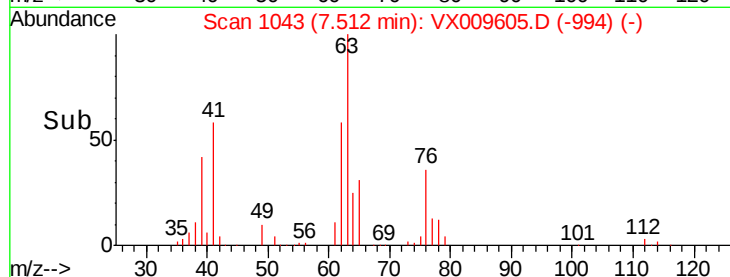
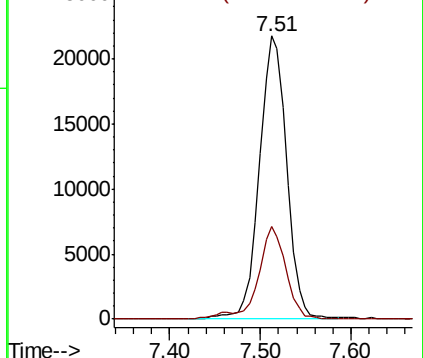
63 100

65 32.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.847 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

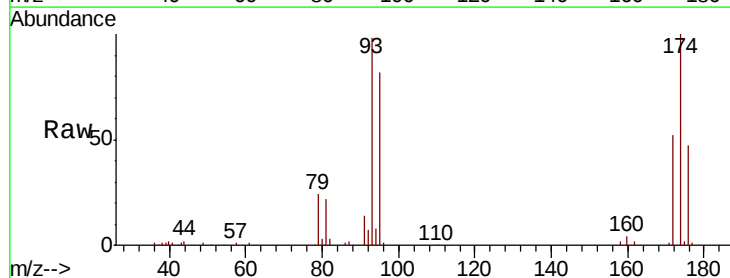
Tgt Ion: 93 Resp: 25668

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

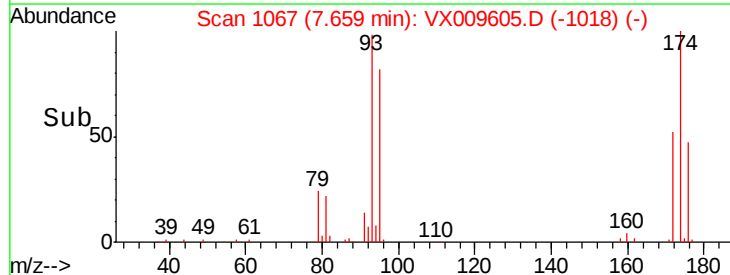
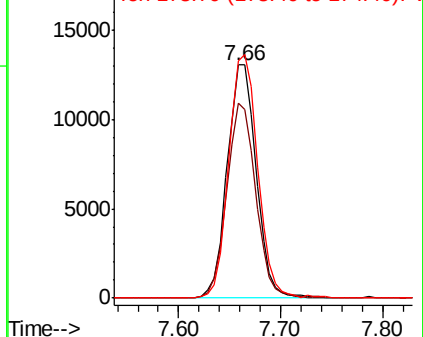
174 103.7 82.1 123.1

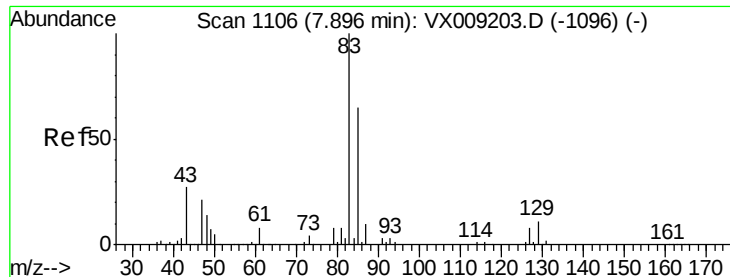


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.686 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

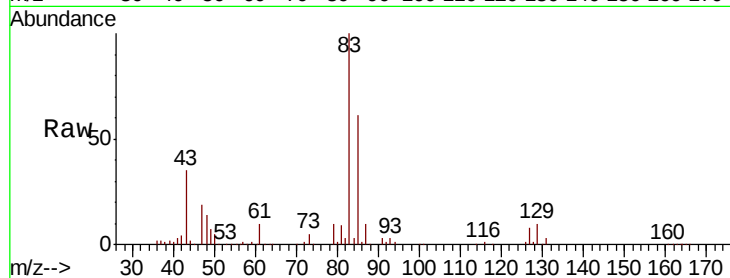
Tot Ion: 83 Resp: 50805

Ion Ratio Lower Upper

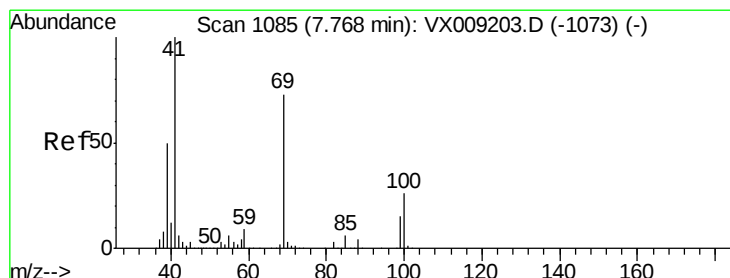
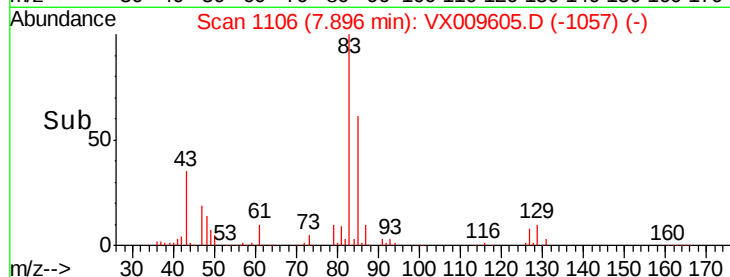
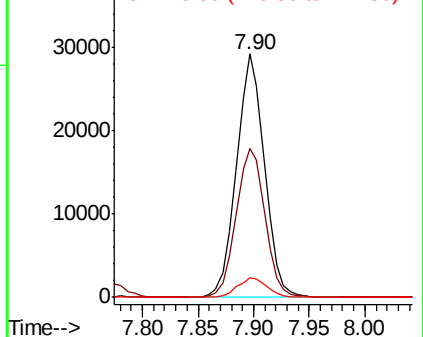
83 100

85 61.3 52.4 78.6

127 8.0 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: 22.506 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

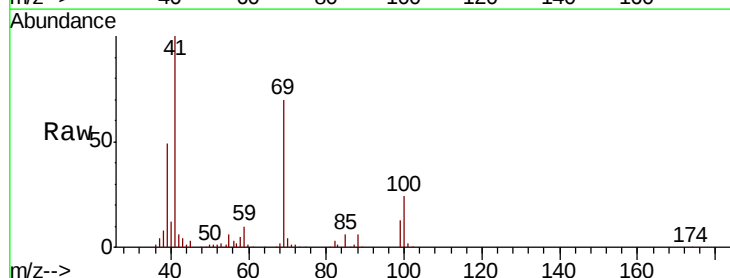
Tgt Ion: 41 Resp: 60207

Ion Ratio Lower Upper

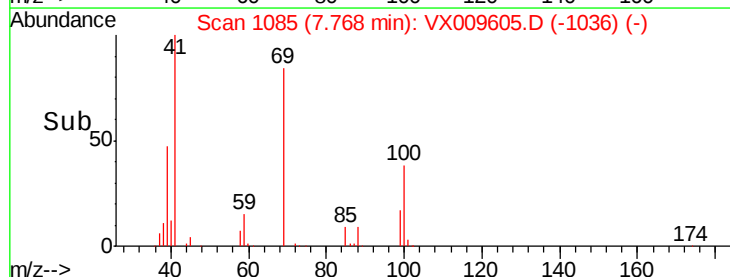
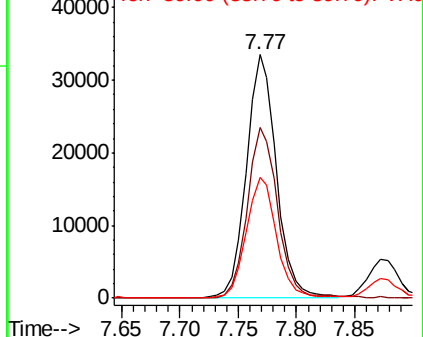
41 100

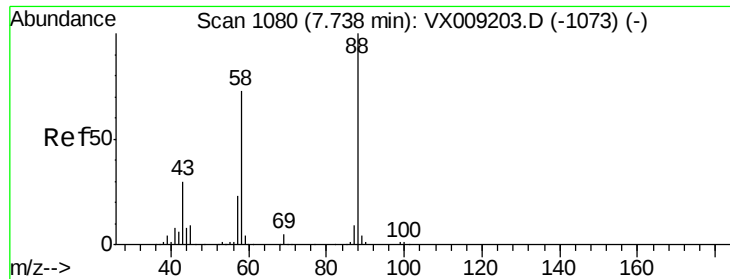
69 71.4 59.1 88.7

39 50.4 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

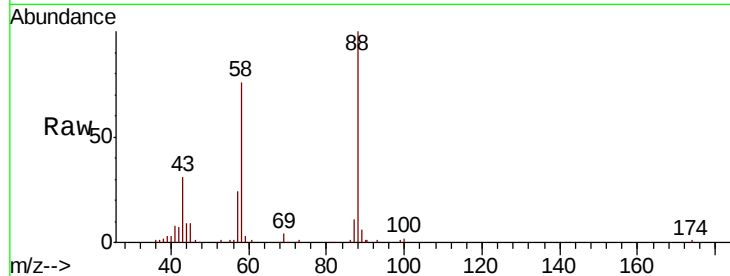




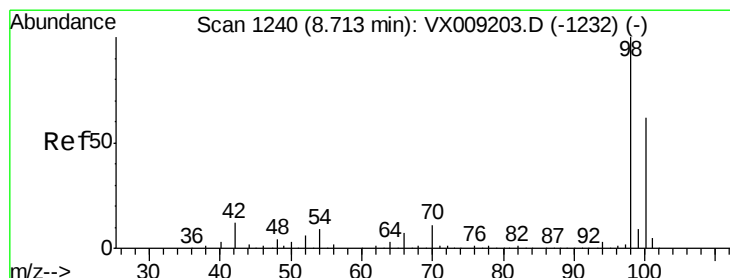
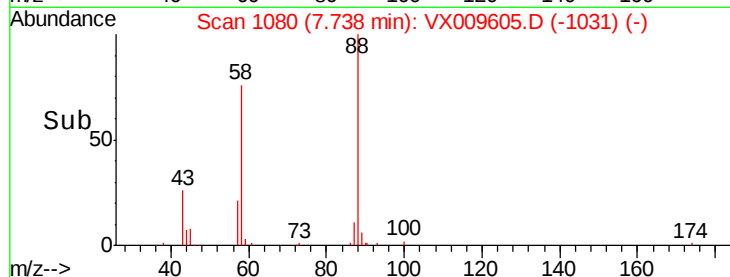
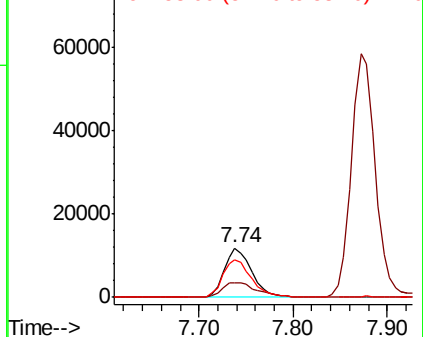
#49
1,4-Dioxane
Concen: 437.510 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 23736
Ion Ratio Lower Upper
88 100
43 36.6 28.6 42.8
58 80.8 61.7 92.5

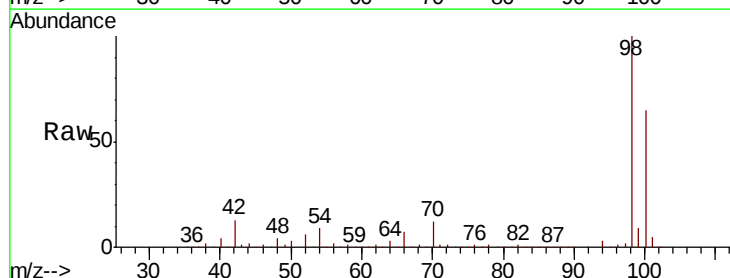


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

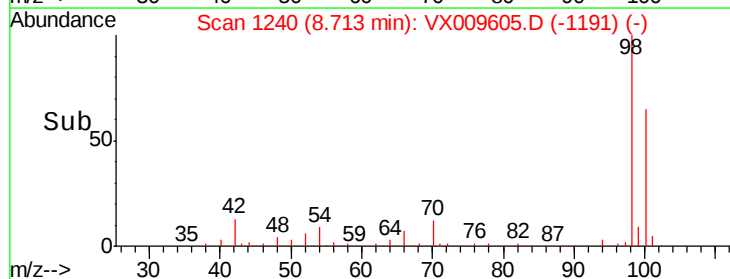
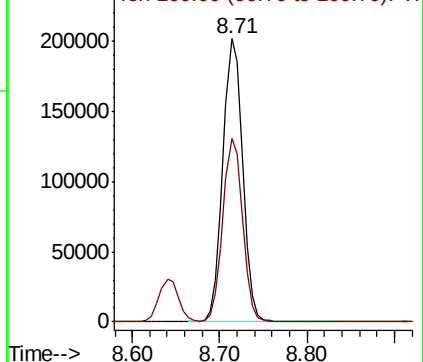


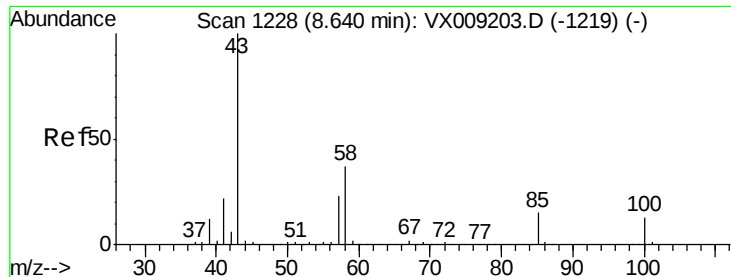
#50
Toluene-d8
Concen: 47.966 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 98 Resp: 316940
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): VX0





#51

4-Methyl-2-Pentanone

Concen: 112.176 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

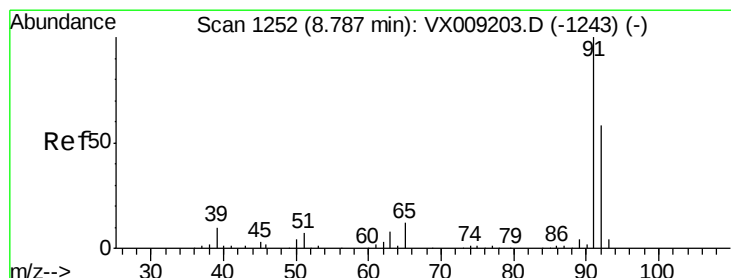
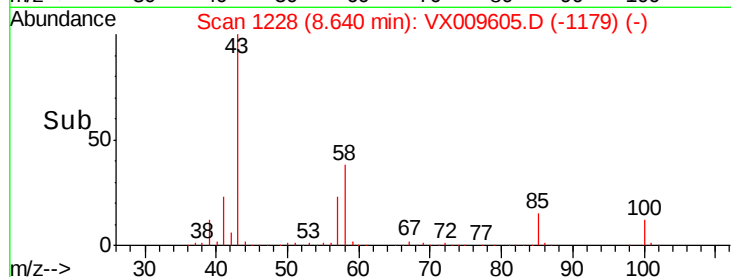
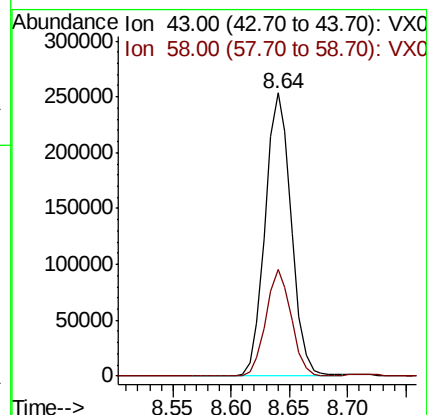
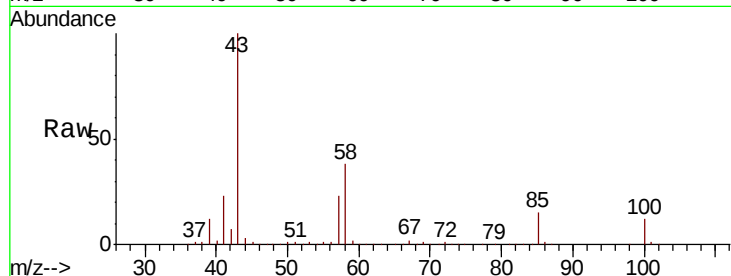
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 395357

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



#52

Toluene

Concen: 21.125 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009605.D

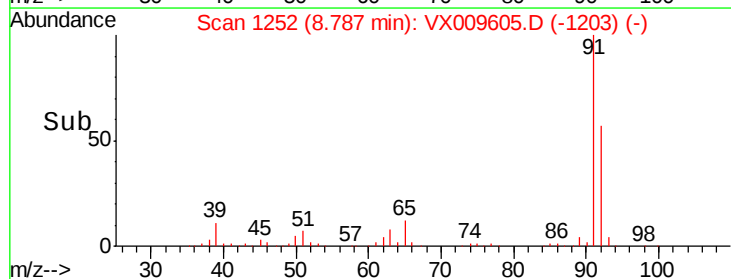
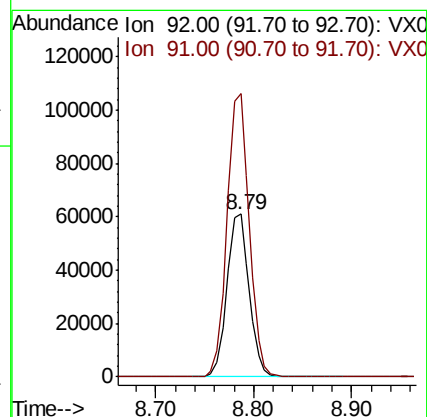
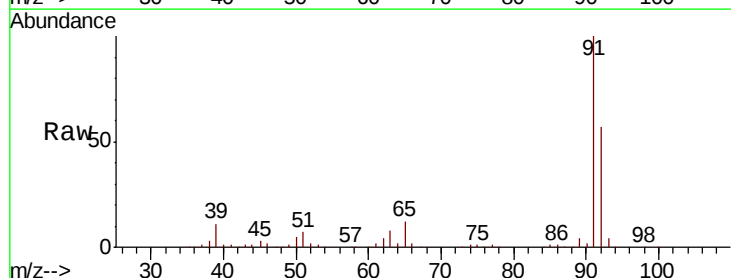
Acq: 16 May 2019 14:24

Tgt Ion: 92 Resp: 96156

Ion Ratio Lower Upper

92 100

91 173.7 138.8 208.2

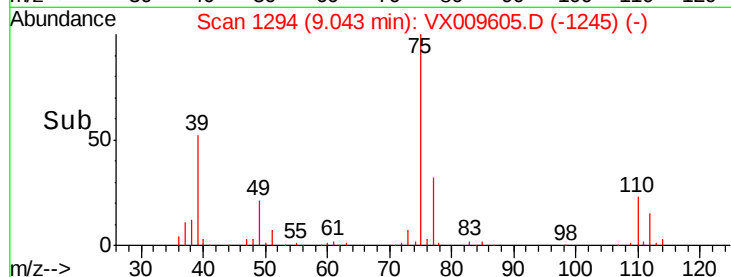
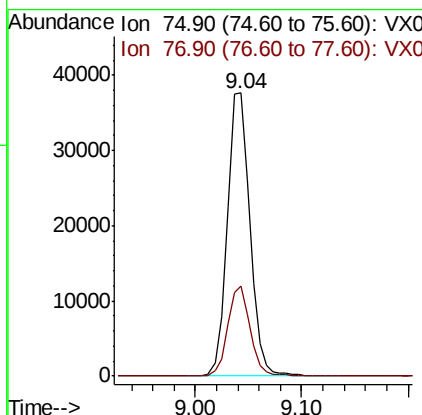
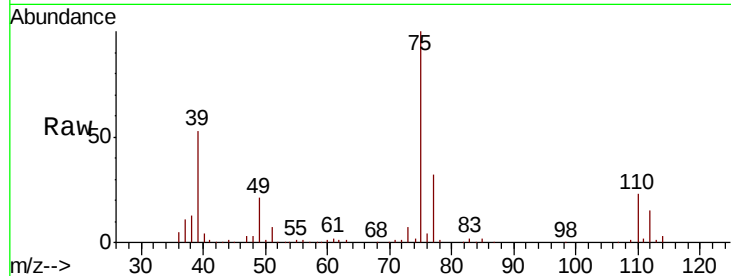




#53
t-1,3-Dichloropropene
Concen: 20.338 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

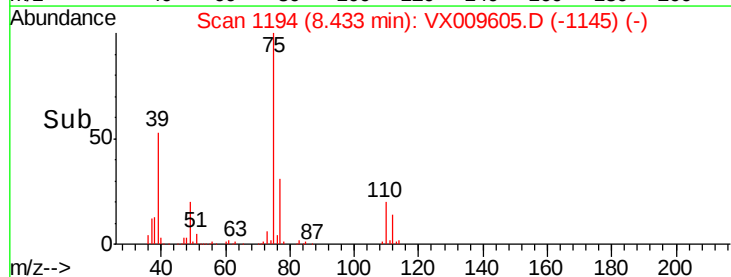
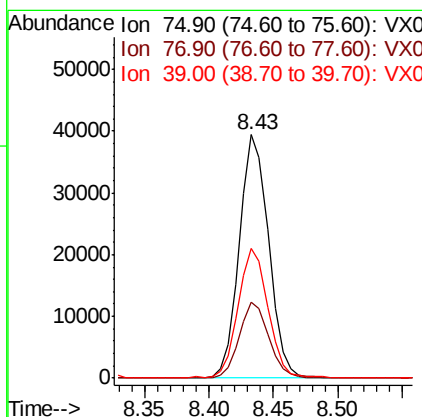
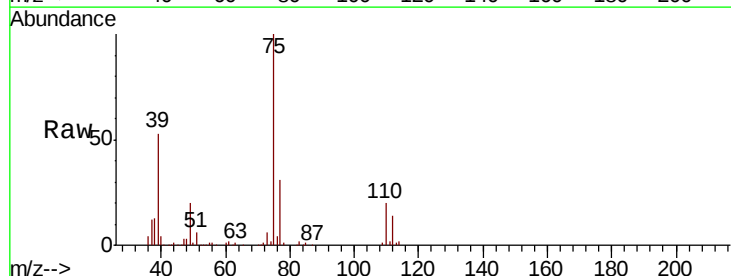
Instrument :
MSVOA_X
ClientSampleId :

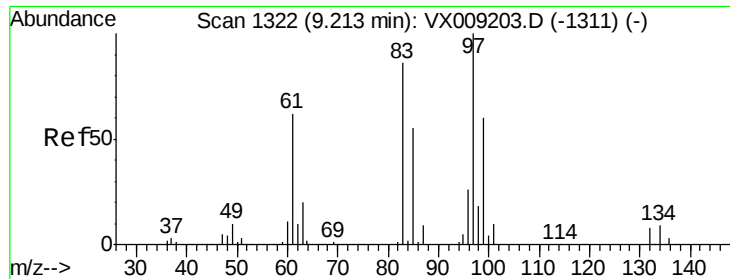
Tot Ion: 75 Resp: 56395
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.304 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 75 Resp: 62317
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 52.9 40.6 60.8

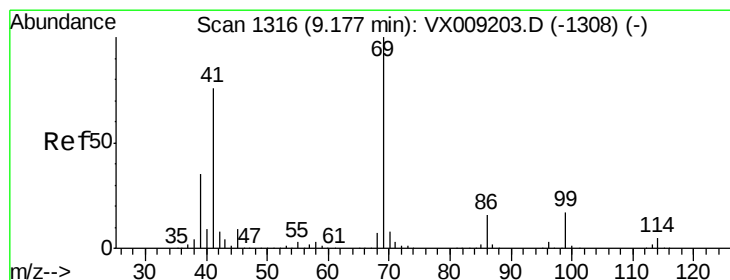
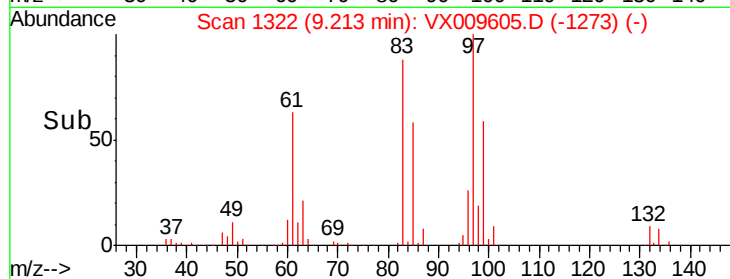
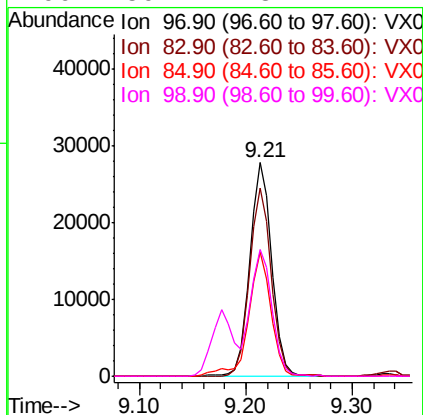
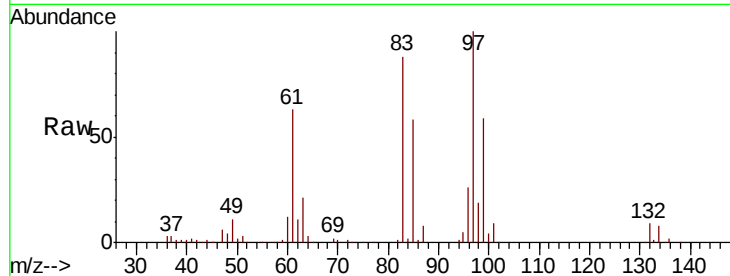




#55
 1,1,2-Trichloroethane
 Concen: 21.695 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

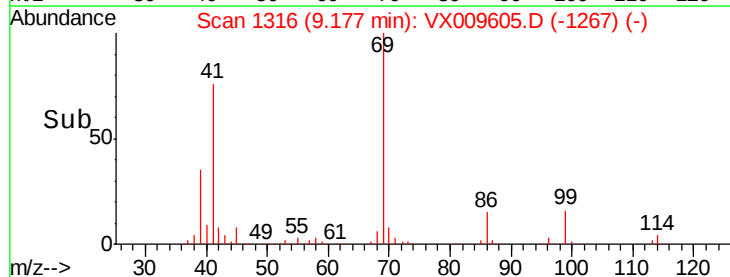
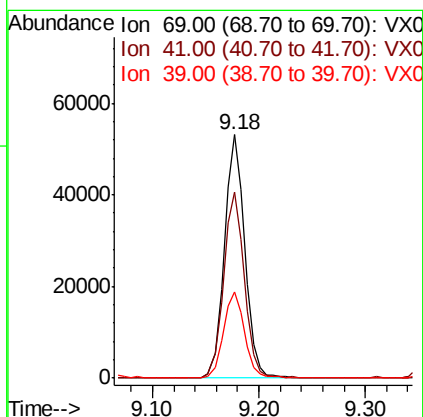
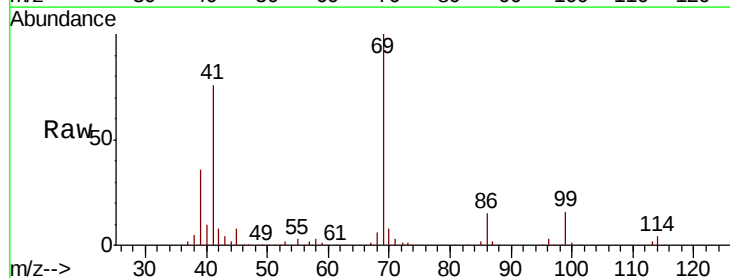
Instrument :
 MSVOA_X
 ClientSampleId :

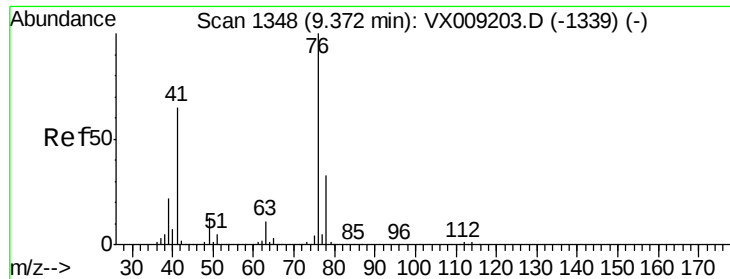
Tot Ion:	97	Resp:	40286
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.9	103.3
85	57.9	43.8	65.6
99	59.1	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 21.566 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion:	69	Resp:	71485
Ion	Ratio	Lower	Upper
69	100		
41	77.8	60.6	90.8
39	36.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 21.226 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

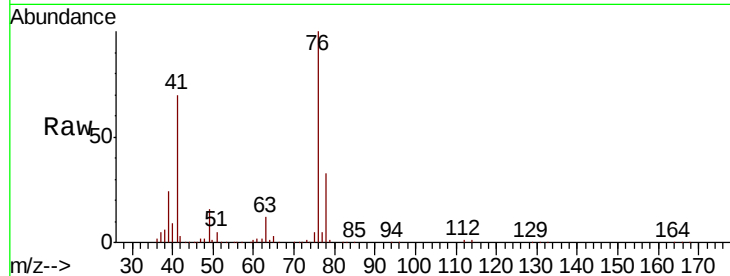
ClientSampled :

Tot Ion: 76 Resp: 69361

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

30000

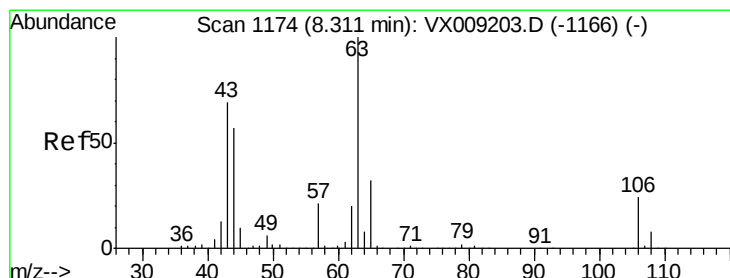
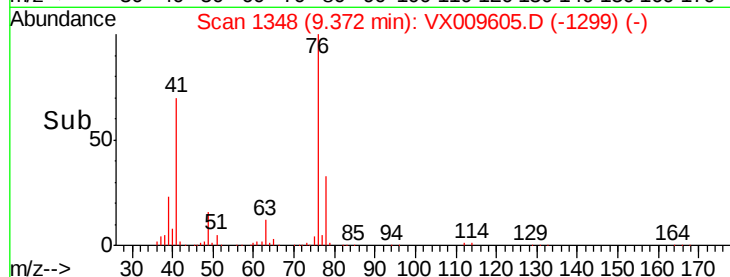
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.171 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009605.D

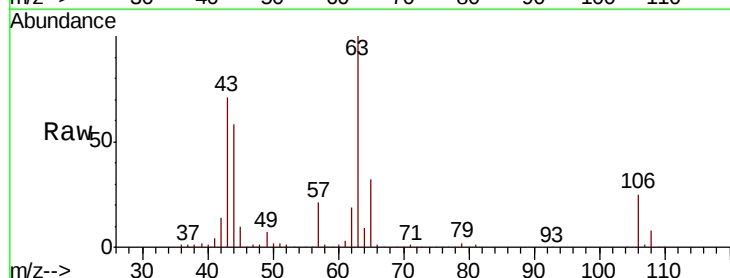
Acq: 16 May 2019 14:24

Tgt Ion: 63 Resp: 162080

Ion Ratio Lower Upper

63 100

106 24.6 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

120000

100000

80000

60000

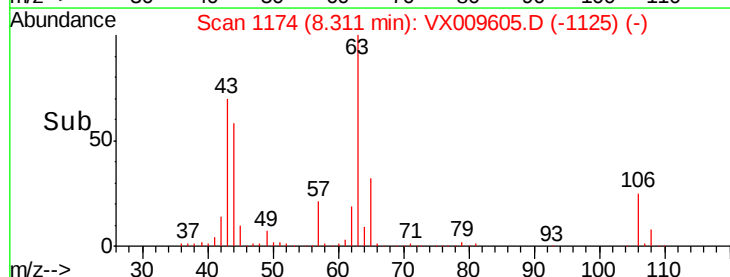
40000

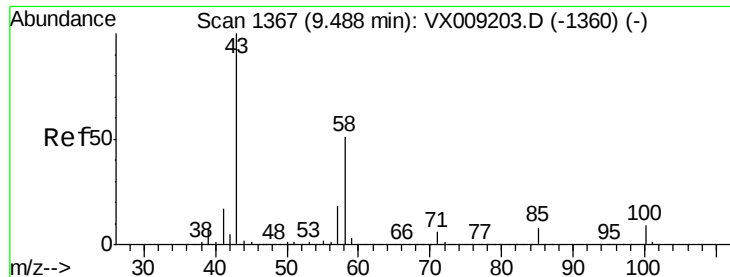
20000

0

8.20 8.30 8.40

Time-->

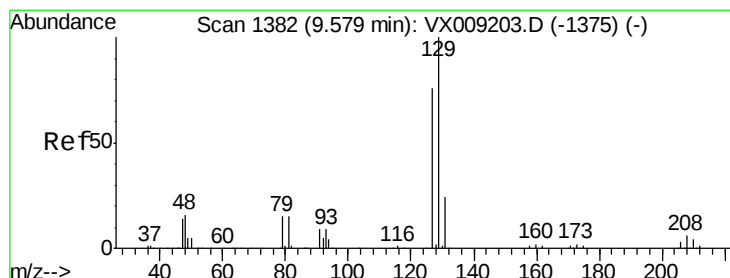
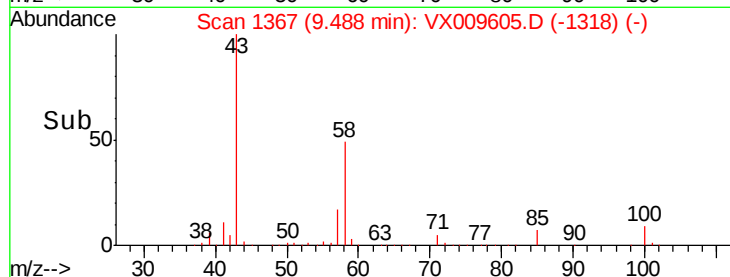
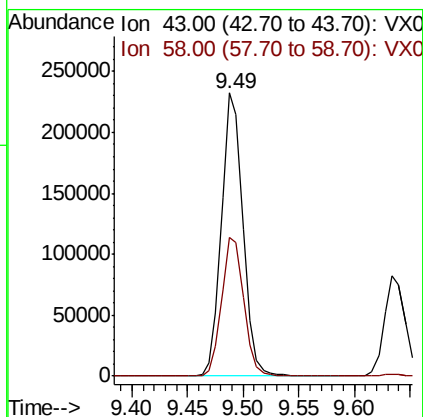
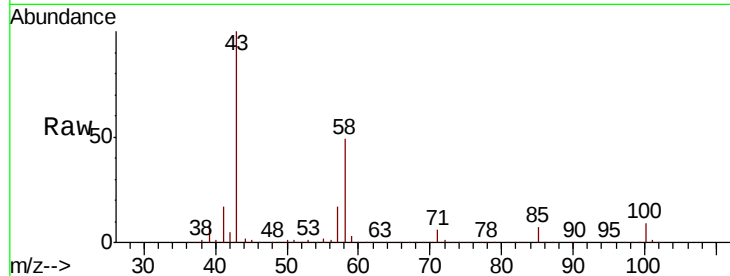




#59
2-Hexanone
Concen: 112.144 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

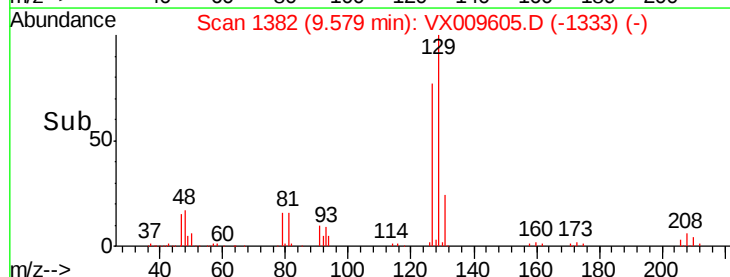
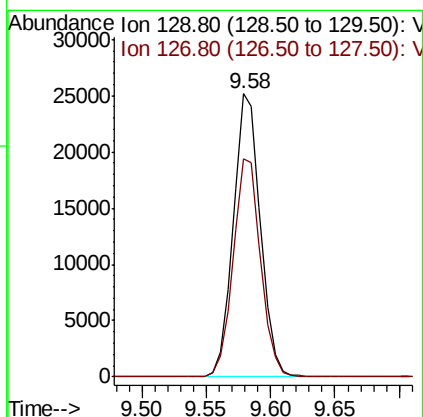
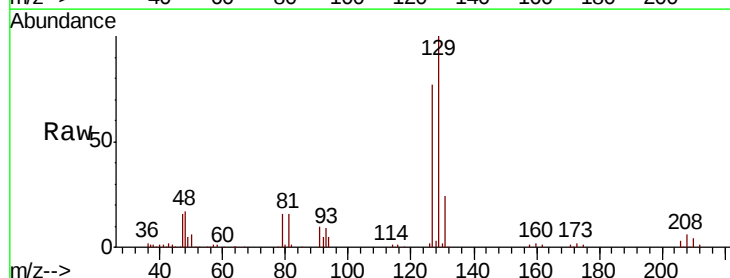
Instrument :
MSVOA_X
ClientSampleId :

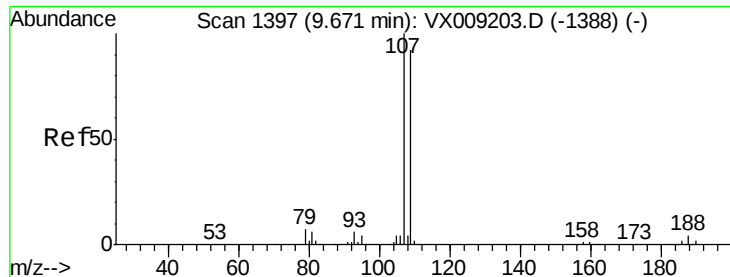
Tot Ion: 43 Resp: 310419
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.7



#60
Dibromochloromethane
Concen: 20.266 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion:129 Resp: 36755
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.545 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

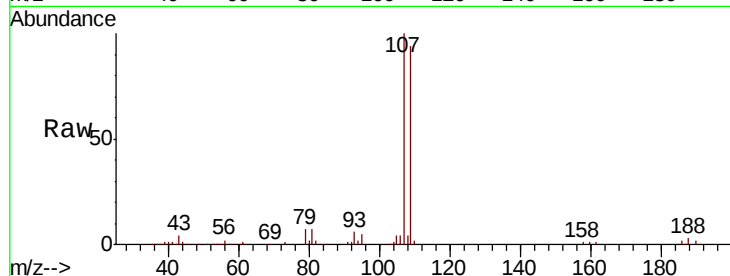
ClientSampleId :

Tot Ion:107 Resp: 40386

Ion Ratio Lower Upper

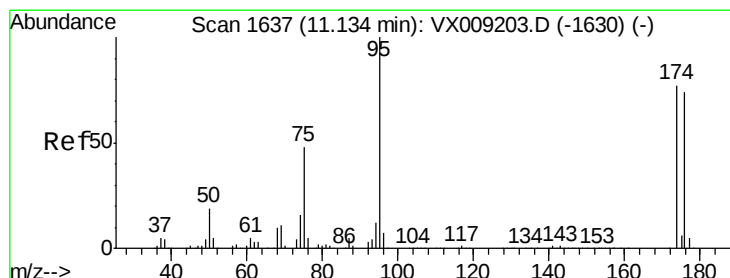
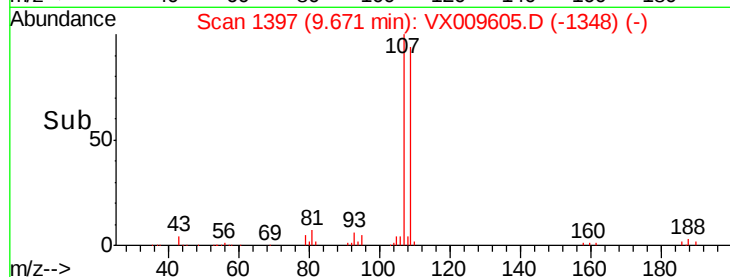
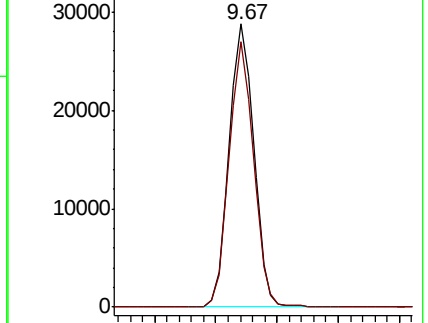
107 100

109 92.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

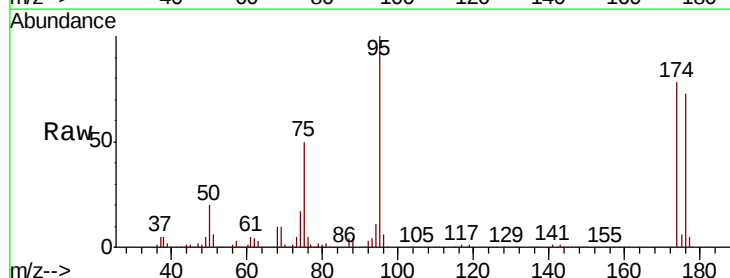
Tgt Ion: 95 Resp: 117061

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

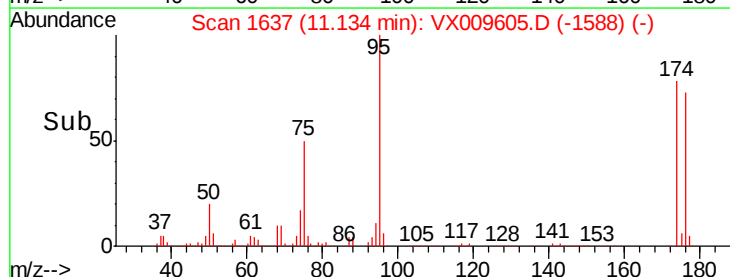
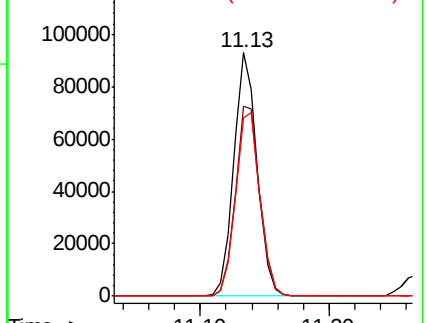
176 78.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

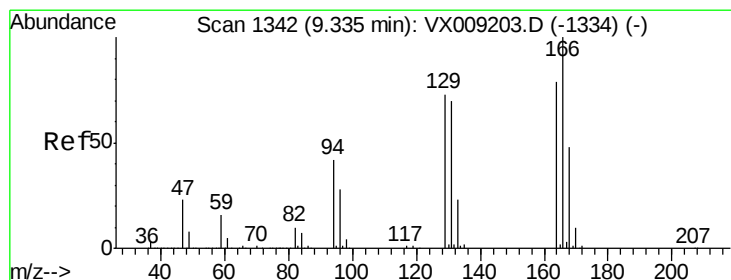
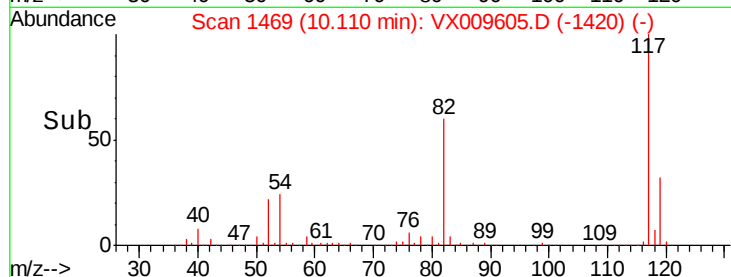
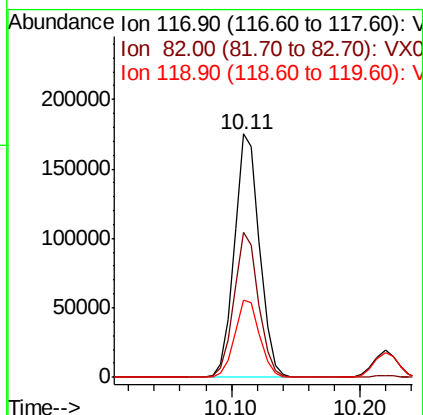
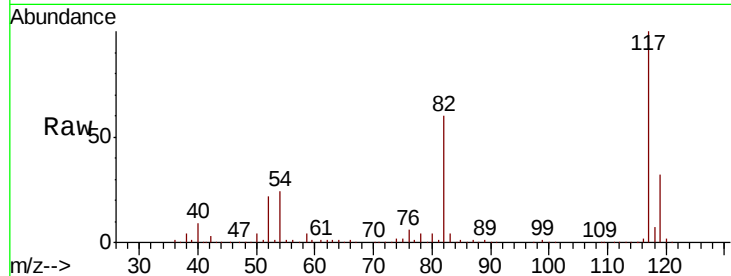




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

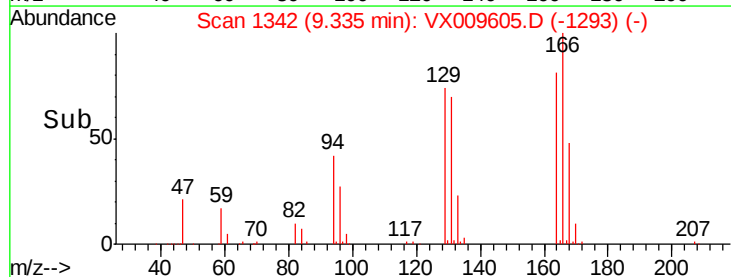
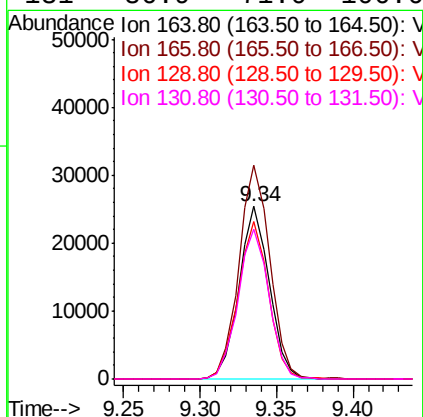
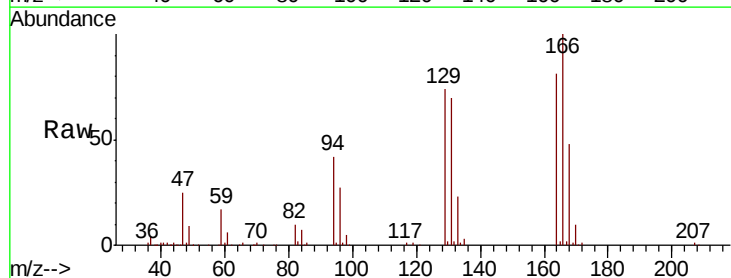
Instrument :
MSVOA_X
ClientSampled :

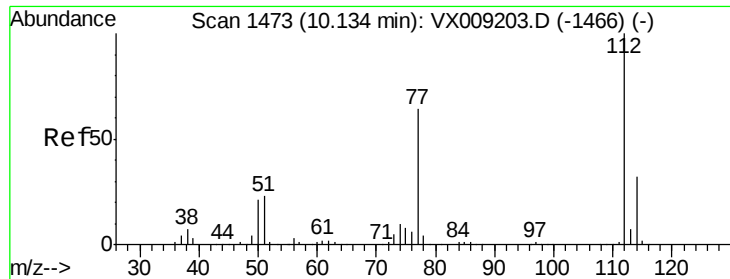
Tot Ion:117 Resp: 236890
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 21.557 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion:164 Resp: 35030
Ion Ratio Lower Upper
164 100
166 123.6 101.2 151.8
129 91.1 74.3 111.5
131 86.9 71.0 106.6

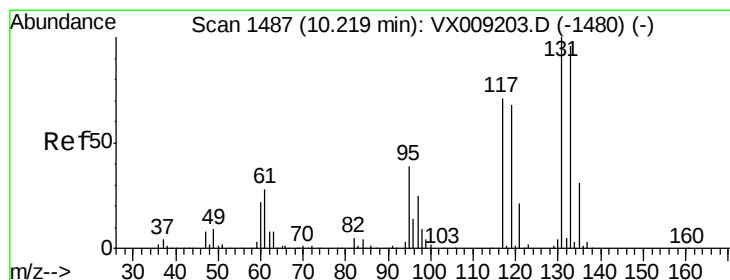
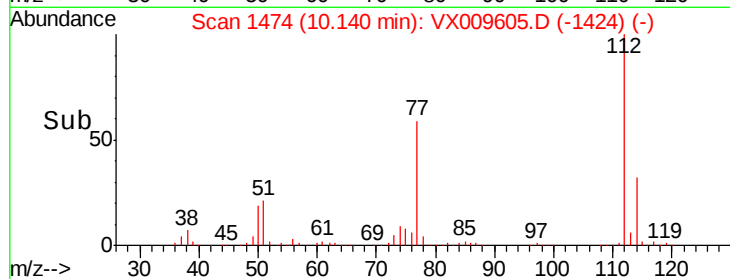
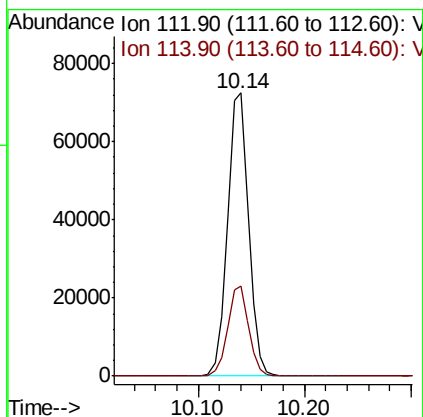
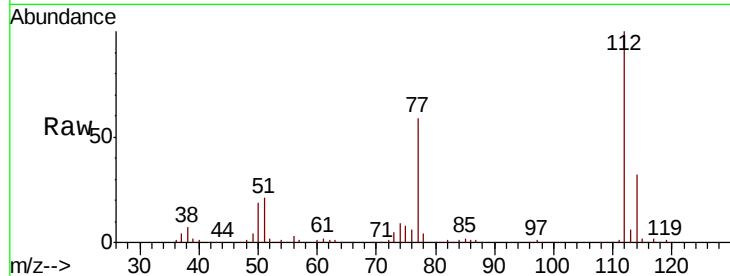




#65
Chlorobenzene
Concen: 21.276 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

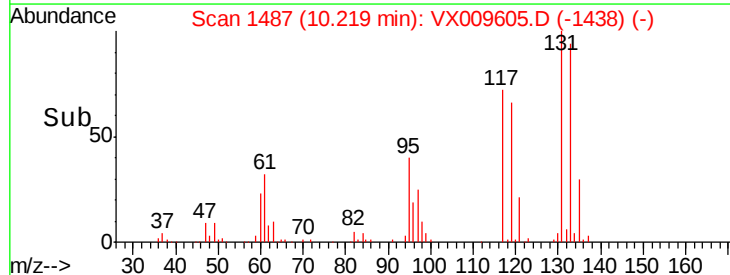
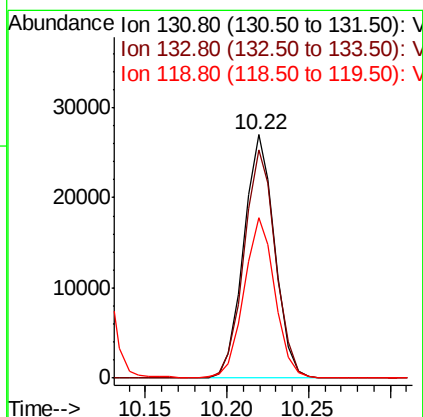
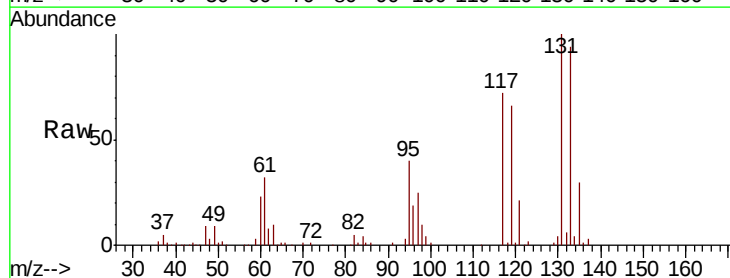
Instrument :
MSVOA_X
ClientSampled :

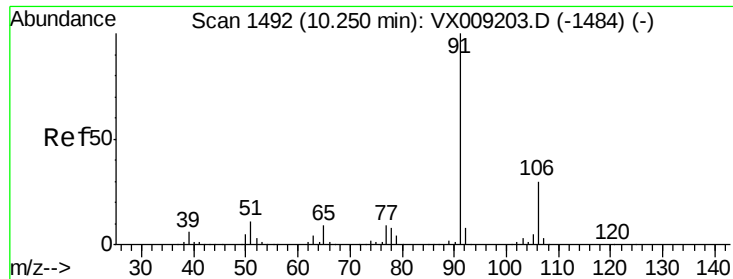
Tot Ion:112 Resp: 100824
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.841 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion:131 Resp: 35806
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.7 33.5 100.4

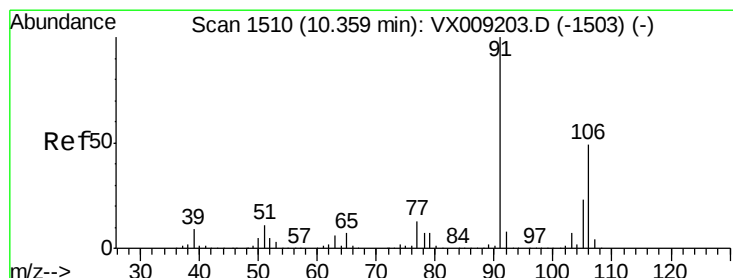
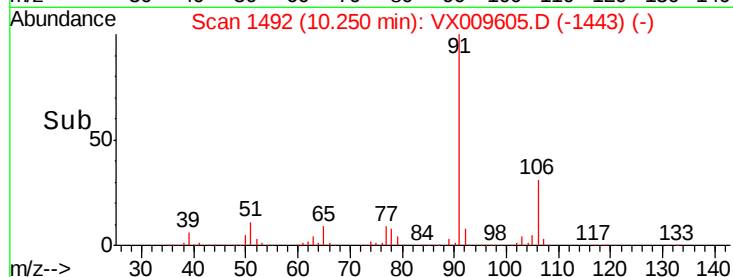
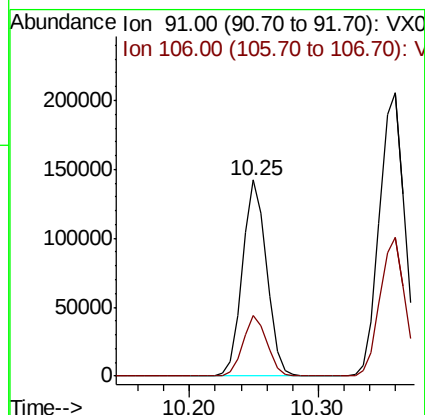
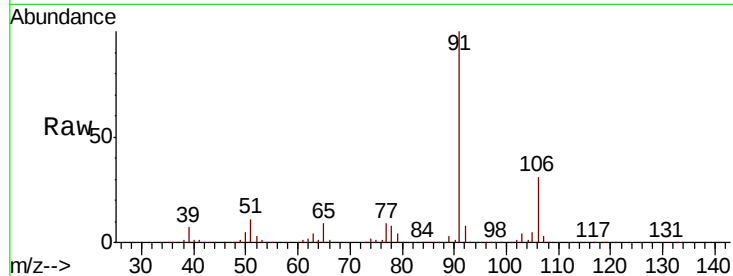




#67
Ethyl Benzene
Concen: 21.100 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

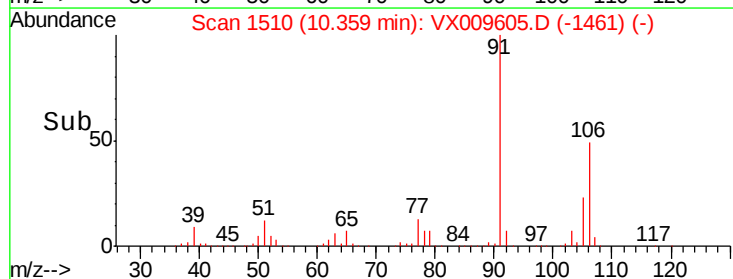
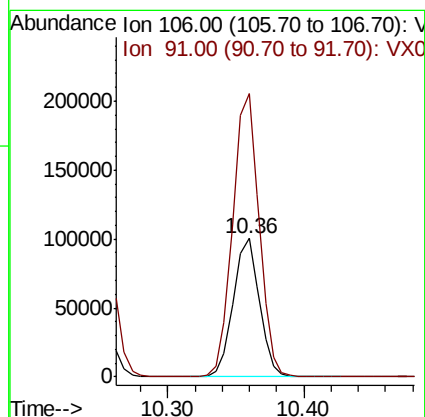
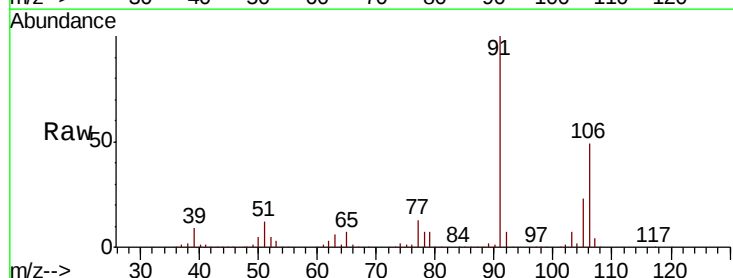
Instrument :
MSVOA_X
ClientSampled :

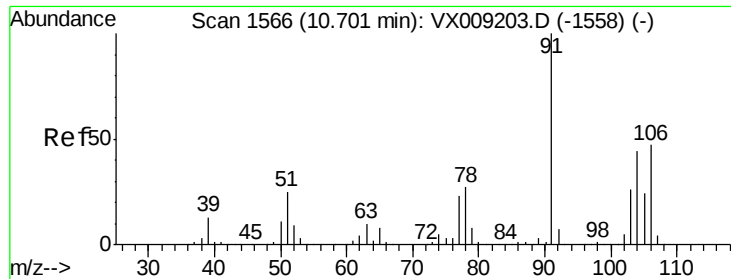
Tot Ion: 91 Resp: 184021
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 42.058 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 106 Resp: 134042
Ion Ratio Lower Upper
106 100
91 207.2 164.0 246.0

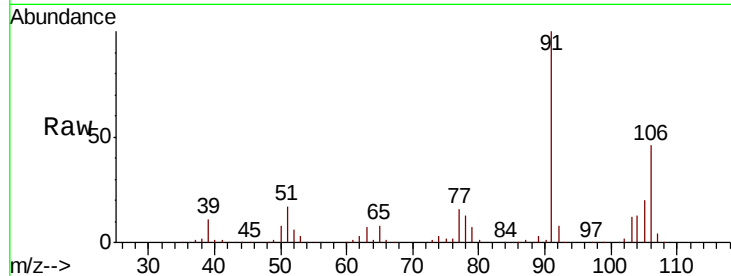




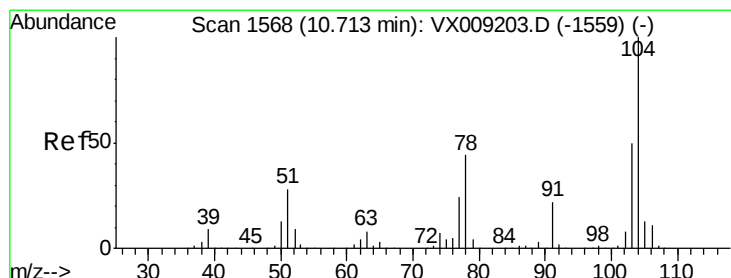
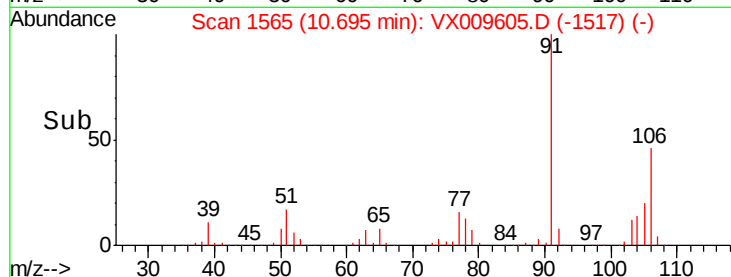
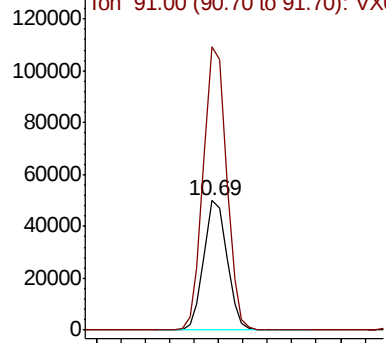
#69
o-Xylene
Concen: 20.927 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 65804
Ion Ratio Lower Upper
106 100
91 219.0 109.5 328.4

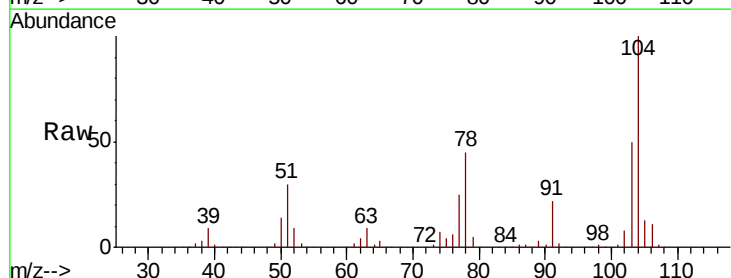


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

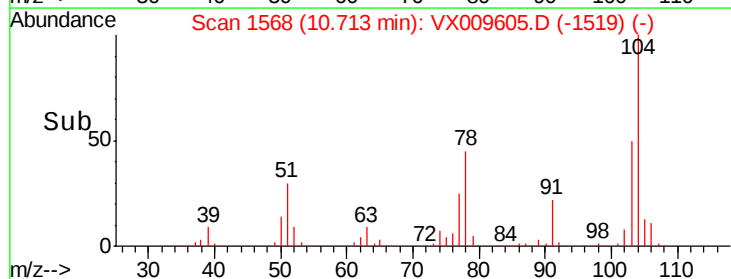
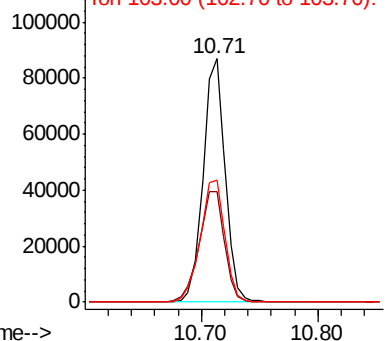


#70
Styrene
Concen: 20.932 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion:104 Resp: 114403
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 56.3 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: 19.495 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

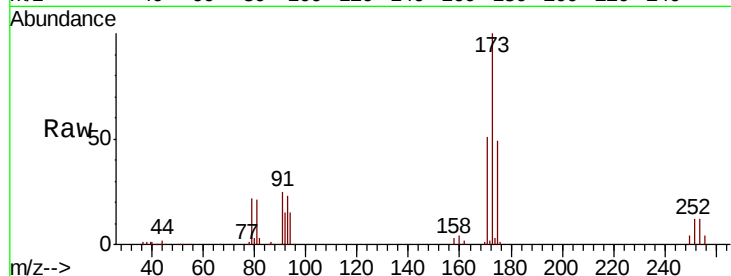
Tot Ion:173 Resp: 27218

Ion Ratio Lower Upper

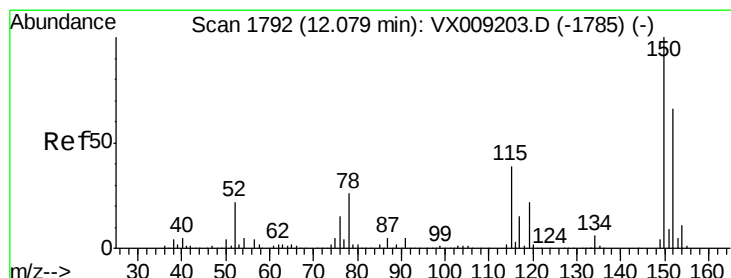
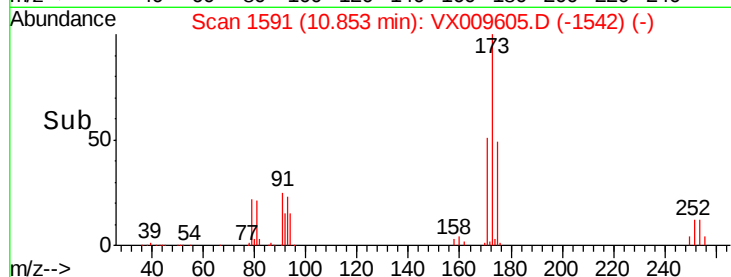
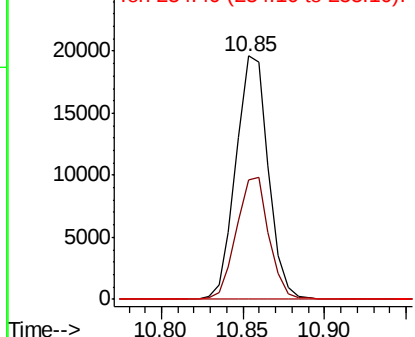
173 100

175 50.2 24.5 73.5

254 0.1 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: VX009605.D

Acq: 16 May 2019 14:24

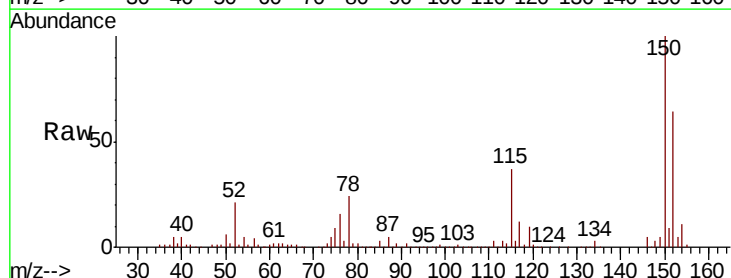
Tgt Ion:152 Resp: 117214

Ion Ratio Lower Upper

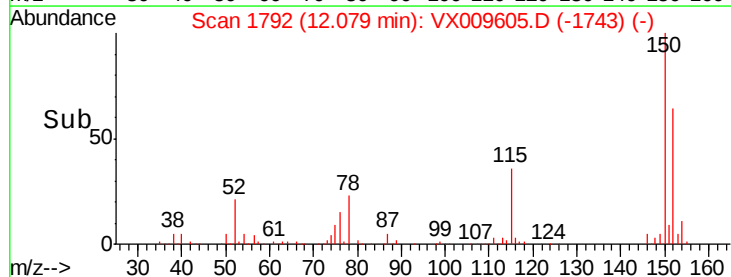
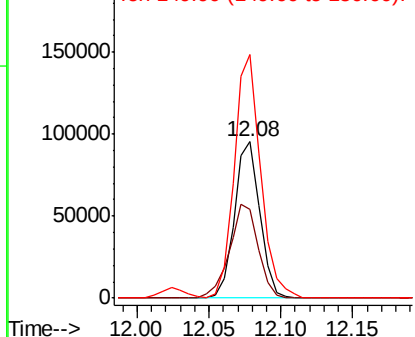
152 100

115 67.7 41.2 123.6

150 162.0 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: 20.600 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

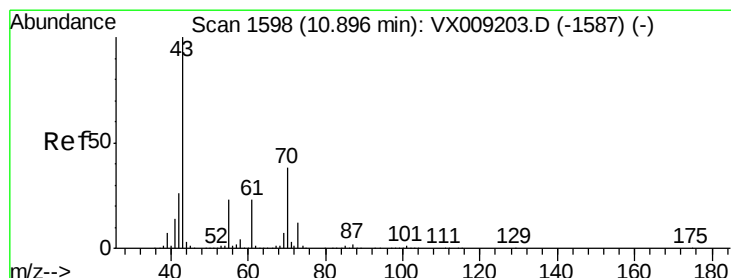
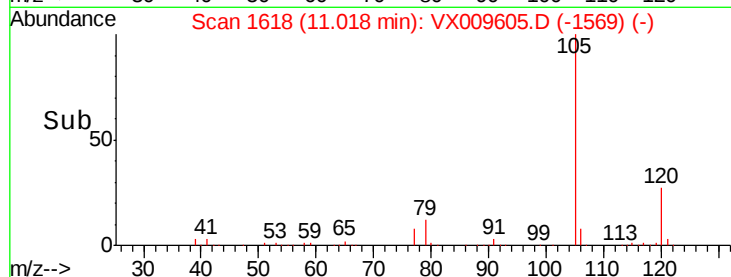
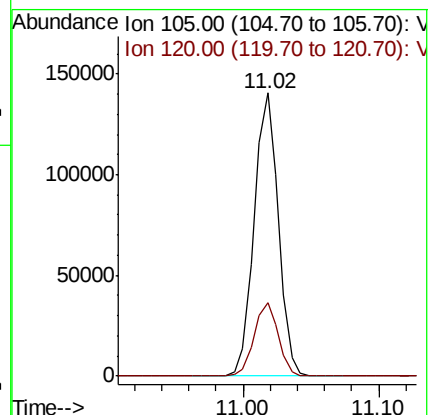
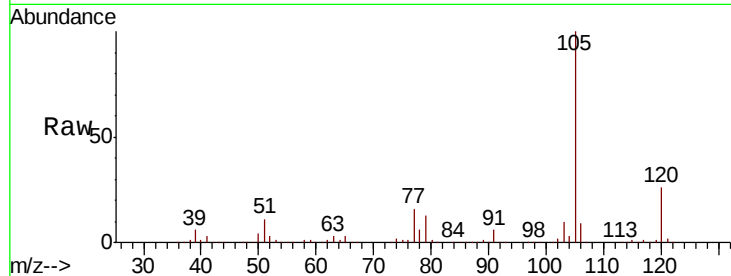
ClientSampleId :

Tot Ion:105 Resp: 175586

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 21.093 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Tgt Ion: 43 Resp: 104821

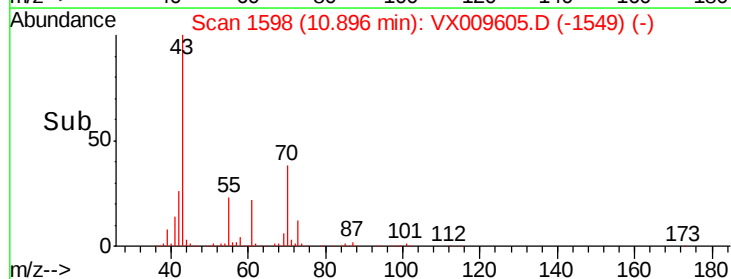
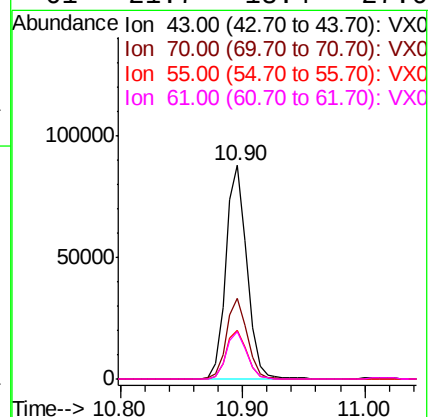
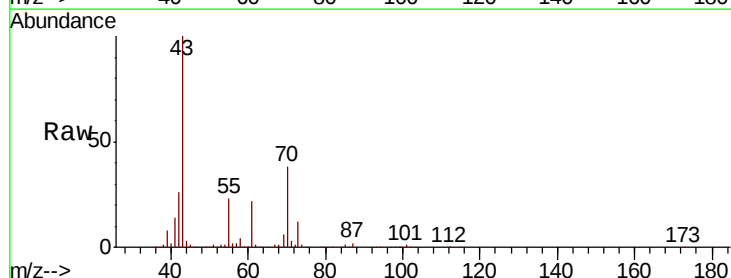
Ion Ratio Lower Upper

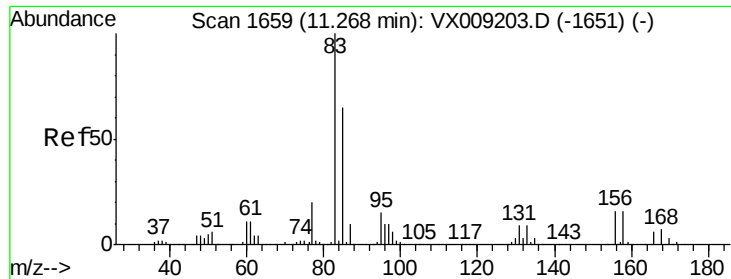
43 100

70 37.2 30.0 45.0

55 22.8 17.9 26.9

61 21.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.932 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

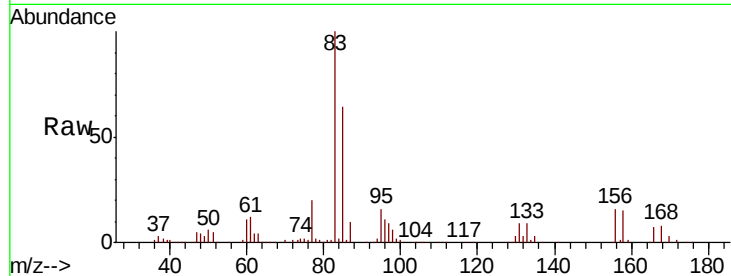
Tot Ion: 83 Resp: 66512

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

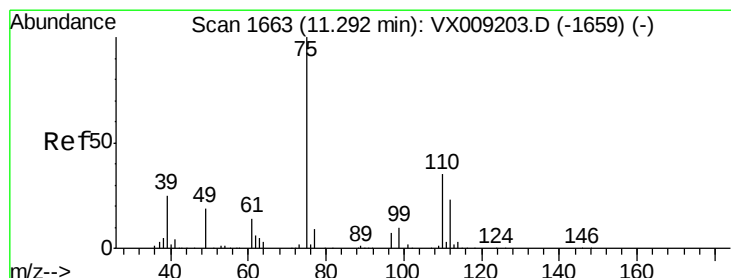
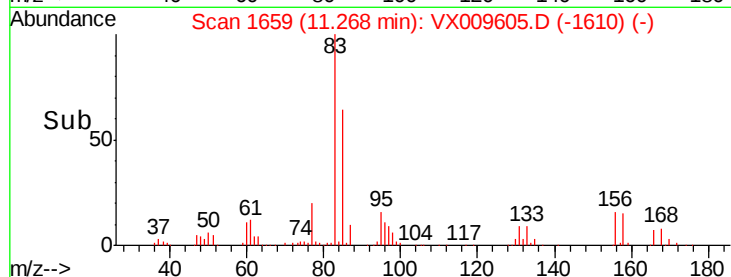
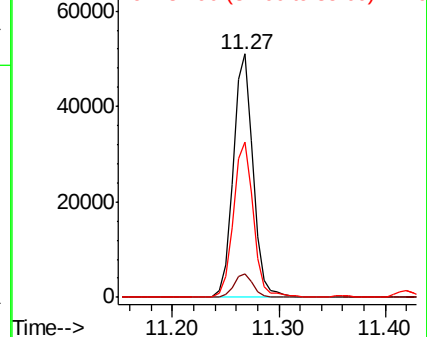
85 64.3 32.0 96.2



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: 28.001 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009605.D

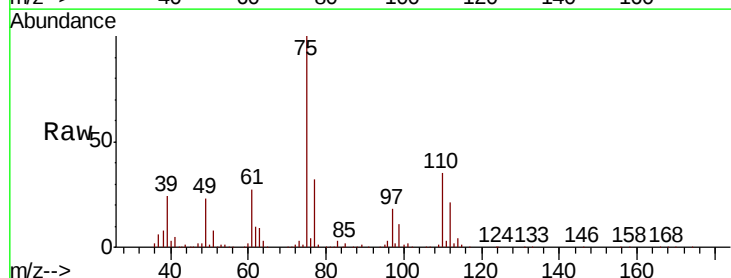
Acq: 16 May 2019 14:24

Tgt Ion: 75 Resp: 76134

Ion Ratio Lower Upper

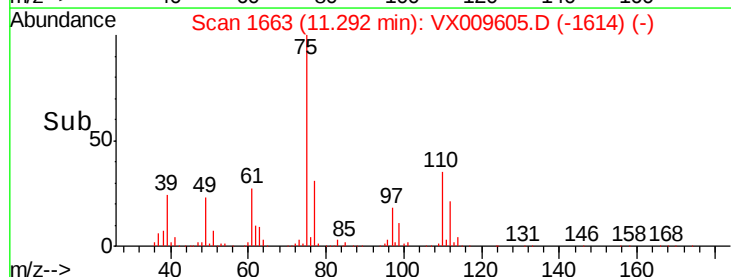
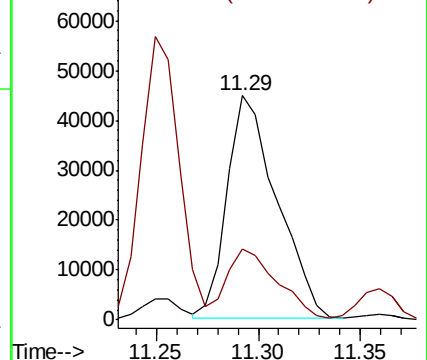
75 100

77 32.2 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: 20.487 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

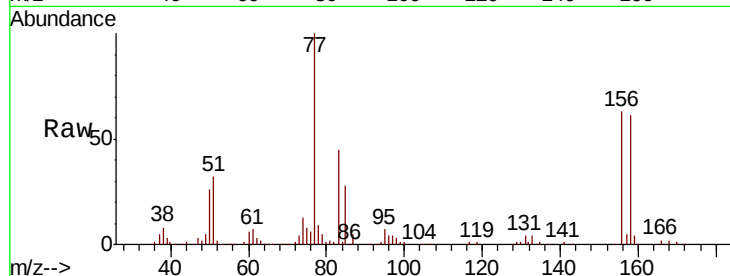
Tot Ion:156 Resp: 43343

Ion Ratio Lower Upper

156 100

77 170.2 84.8 254.3

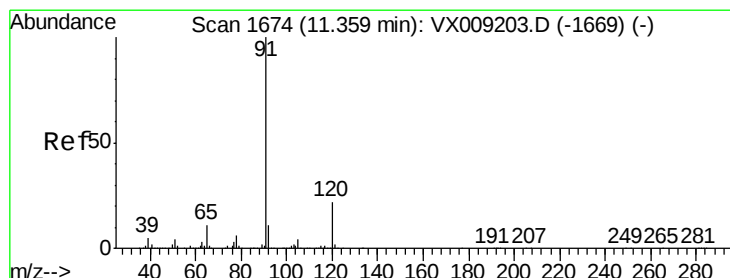
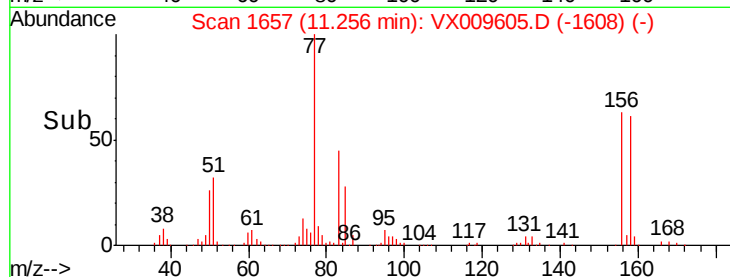
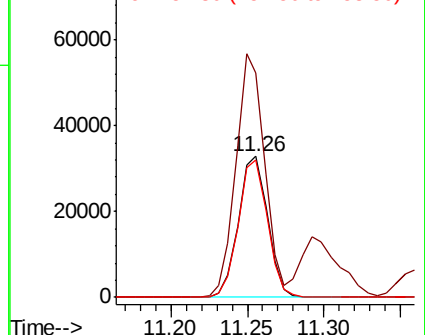
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.432 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009605.D

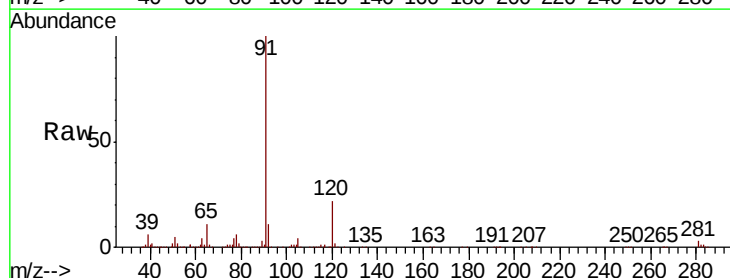
Acq: 16 May 2019 14:24

Tgt Ion: 91 Resp: 198898

Ion Ratio Lower Upper

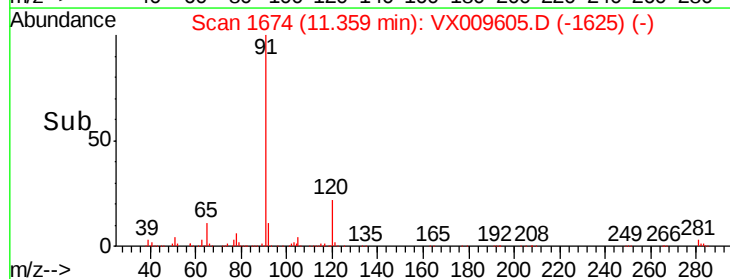
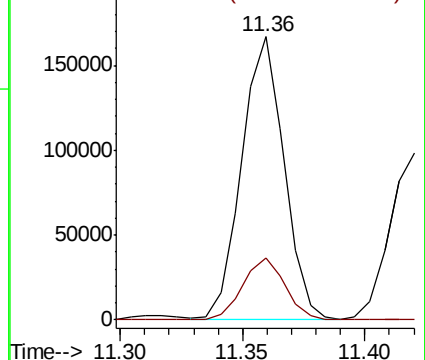
91 100

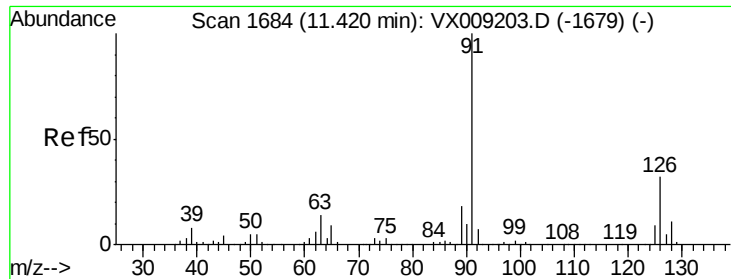
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

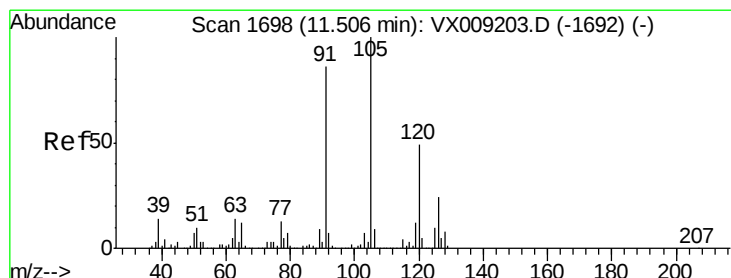
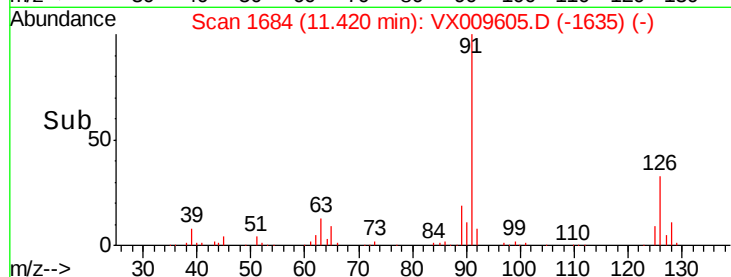
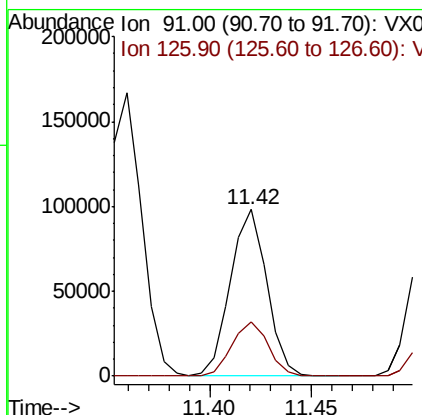
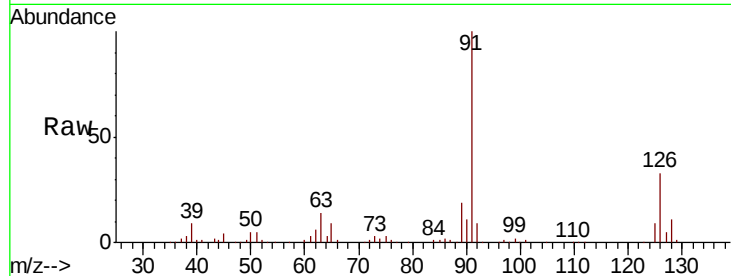




#79
 2-Chlorotoluene
 Concen: 20.122 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

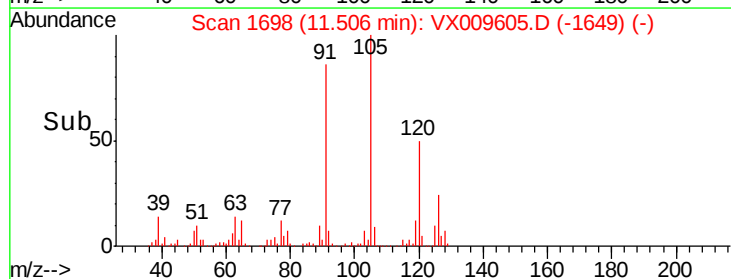
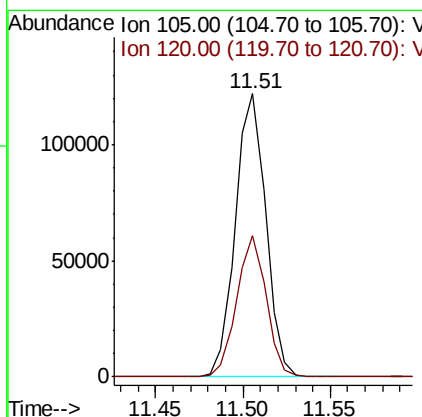
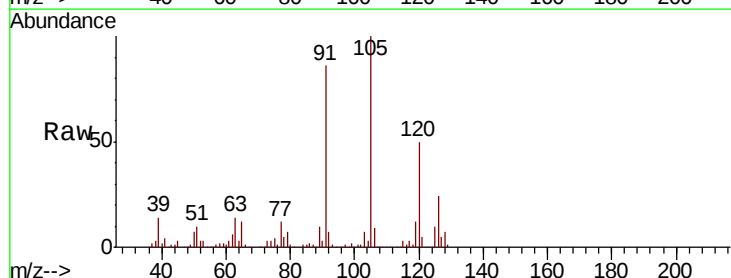
Instrument :
 MSVOA_X
 ClientSampleId :

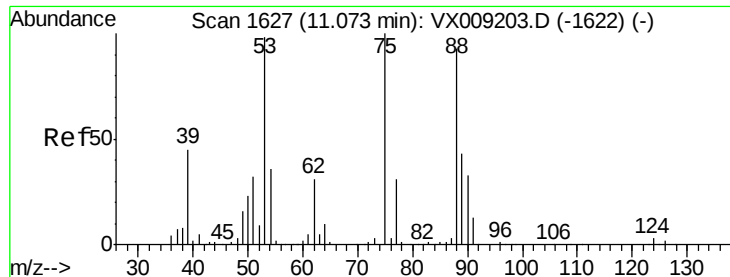
Tot Ion: 91 Resp: 120845
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.606 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion: 105 Resp: 147891
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.308 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

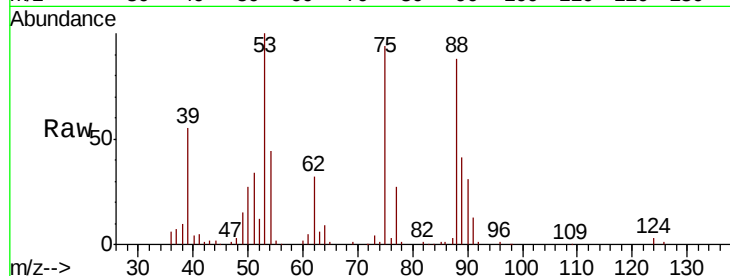
Tot Ion: 75 Resp: 20518

Ion Ratio Lower Upper

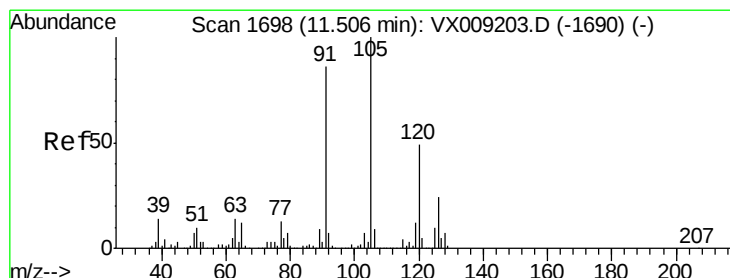
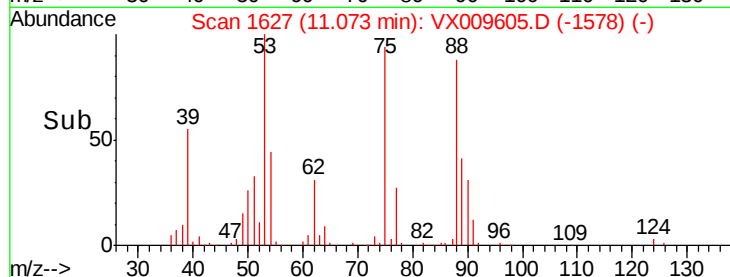
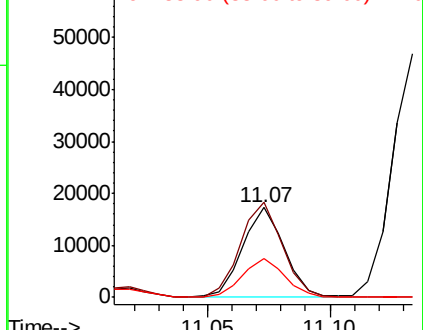
75 100

53 105.8 79.0 118.6

89 44.1 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: 20.518 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009605.D

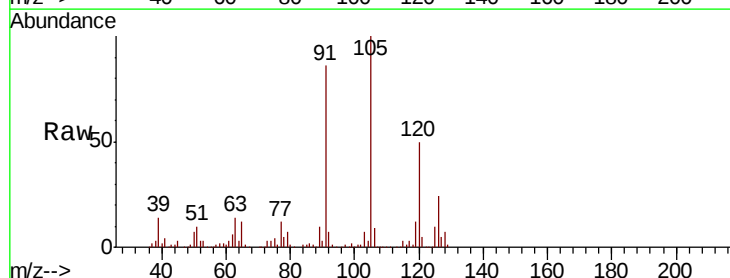
Acq: 16 May 2019 14:24

Tgt Ion: 91 Resp: 139208

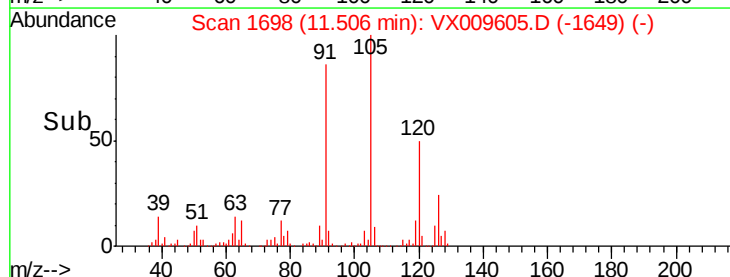
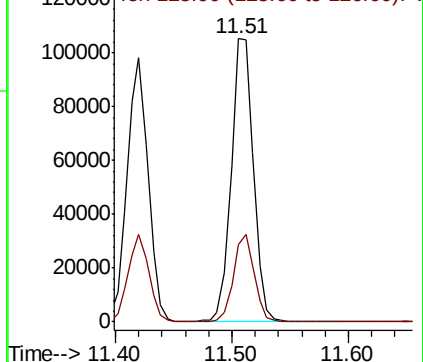
Ion Ratio Lower Upper

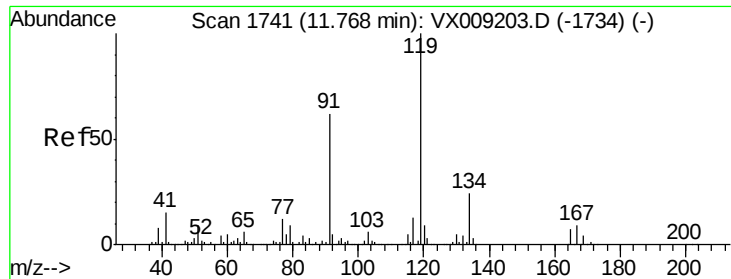
91 100

126 29.1 14.5 43.6



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

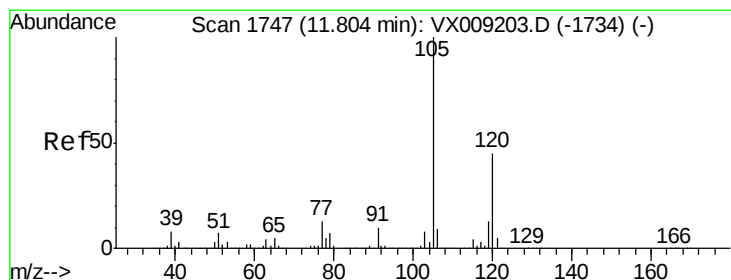
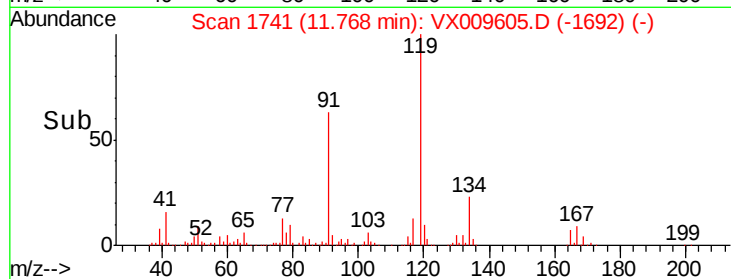
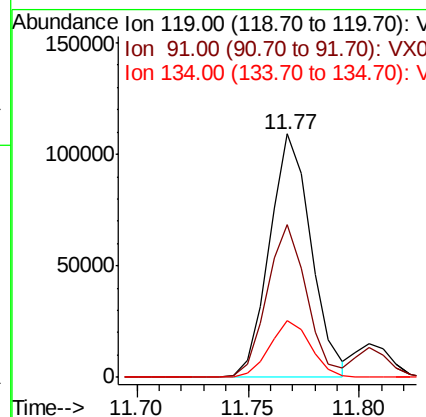
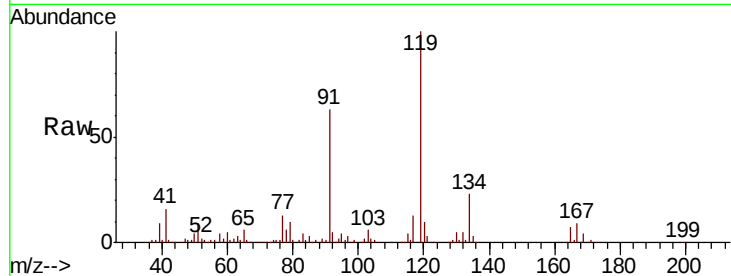




#83
 tert-Butylbenzene
 Concen: 20.225 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

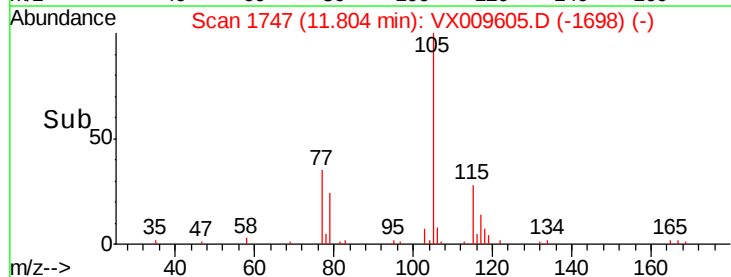
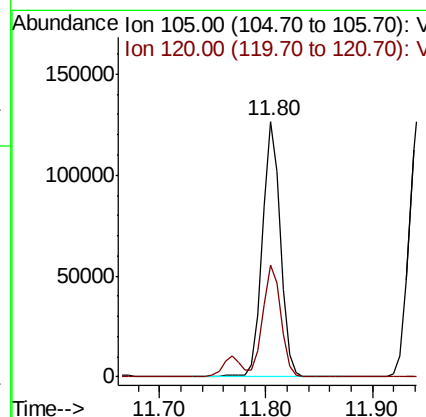
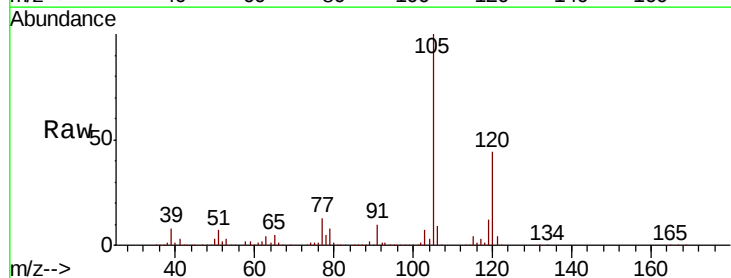
Instrument :
 MSVOA_X
 ClientSampled :

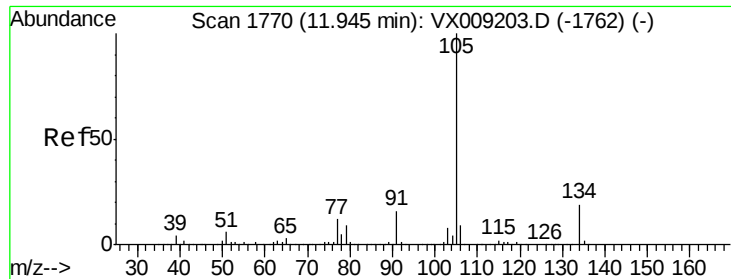
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.5	88.5
134	23.1	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.887 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 20.602 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

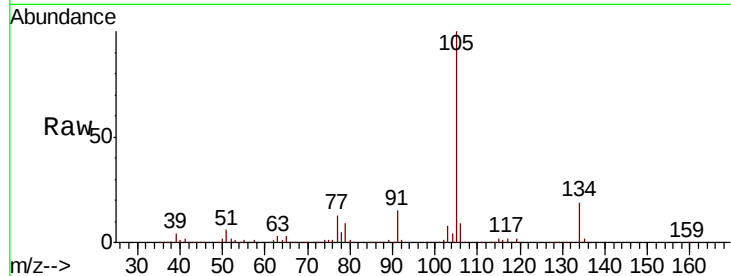
ClientSampleId :

Tot Ion:105 Resp: 170526

Ion Ratio Lower Upper

105 100

134 19.3 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

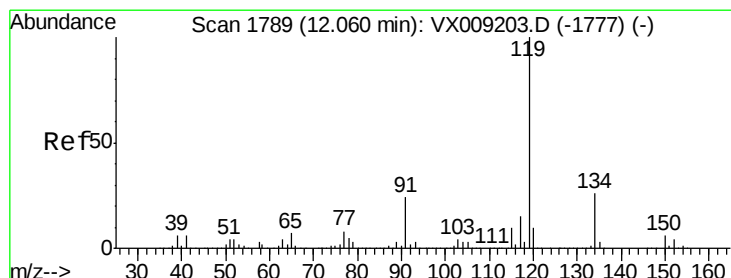
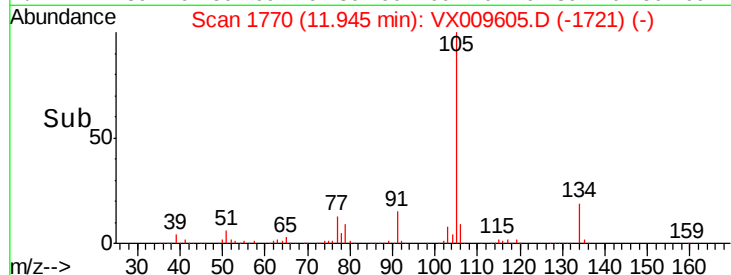
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.764 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

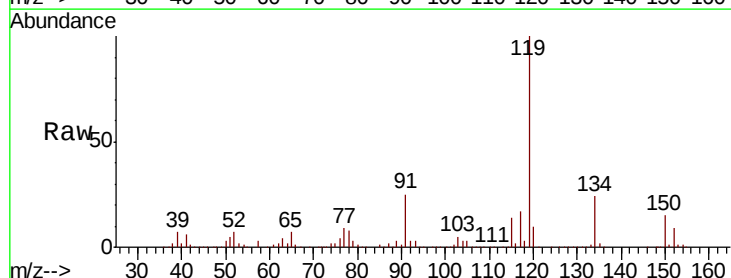
Tgt Ion:119 Resp: 154513

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 24.1 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

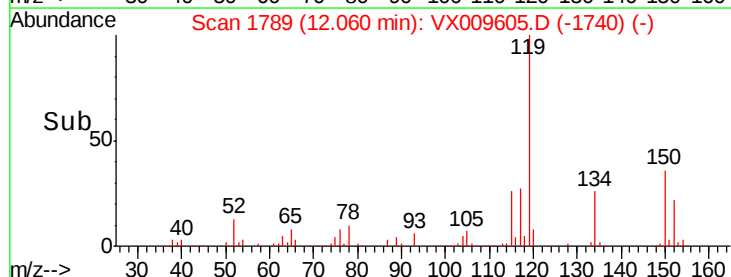
150000

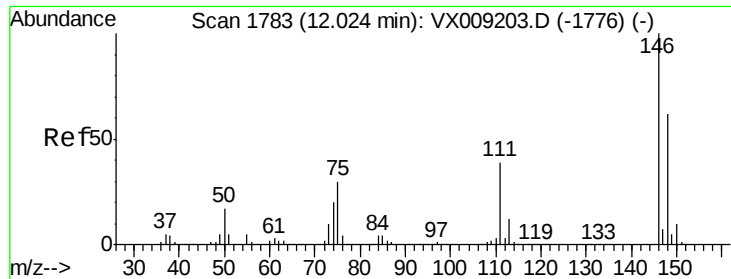
100000

50000

0

Time-->

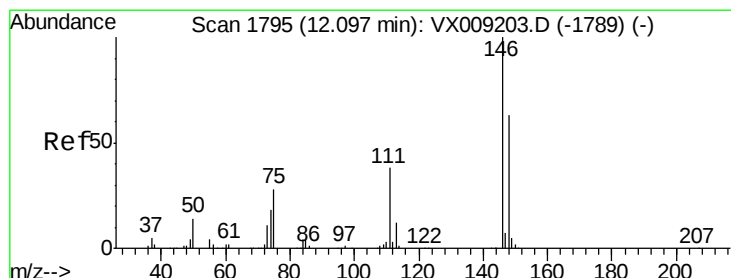
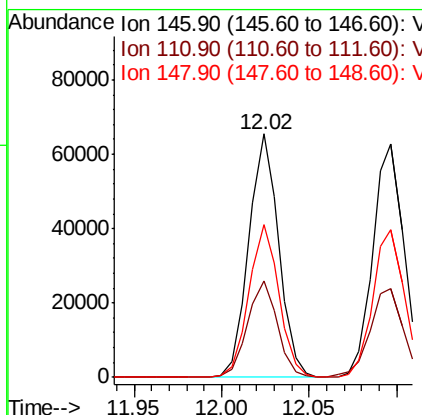
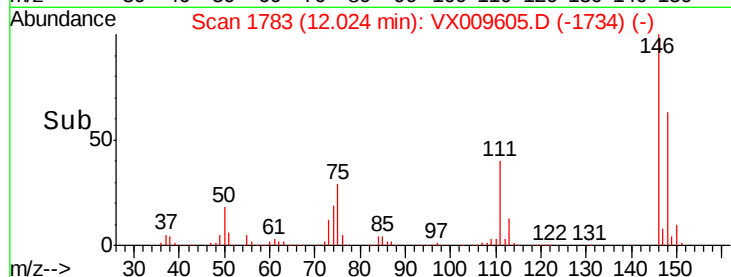
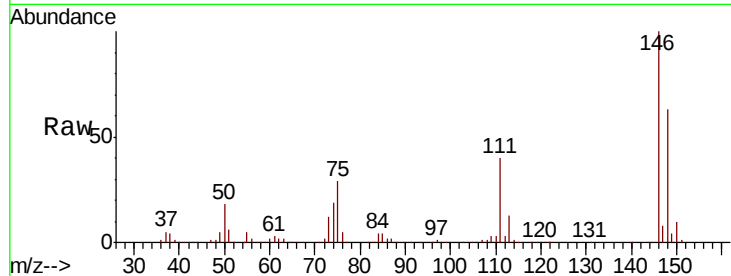




#87
 1,3-Dichlorobenzene
 Concen: 20.637 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

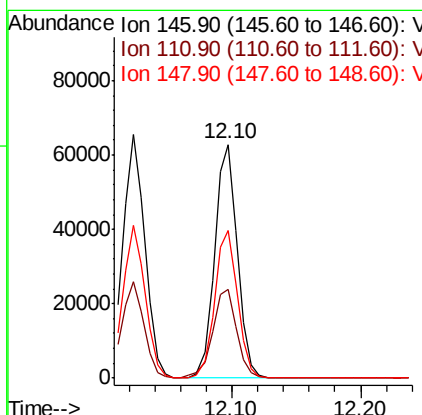
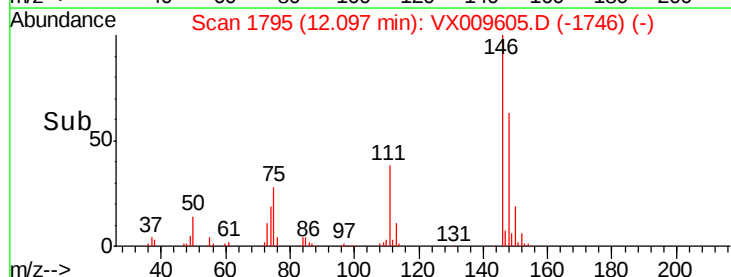
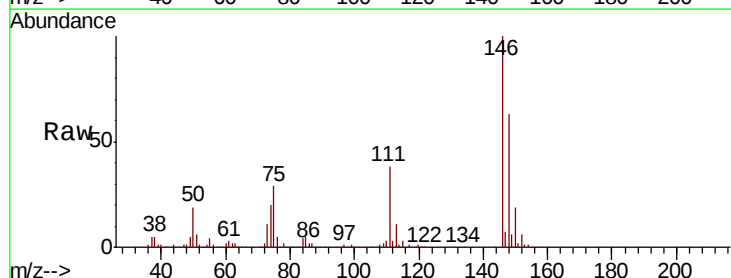
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 77830
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.497 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion:146 Resp: 77935
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.6 58.8
 148 63.8 31.8 95.3

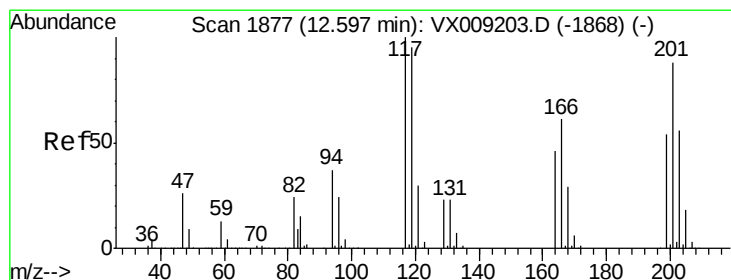
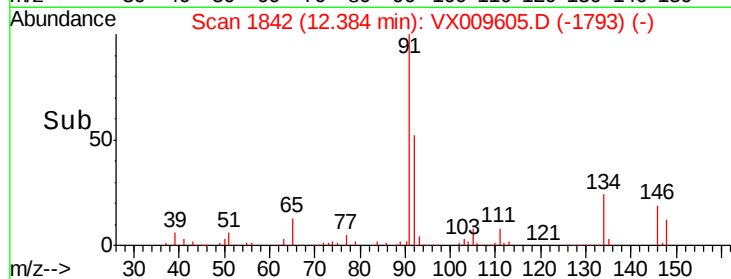
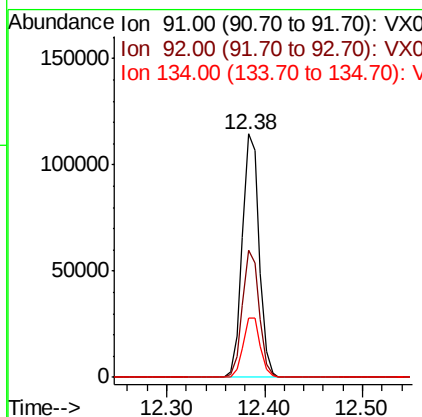
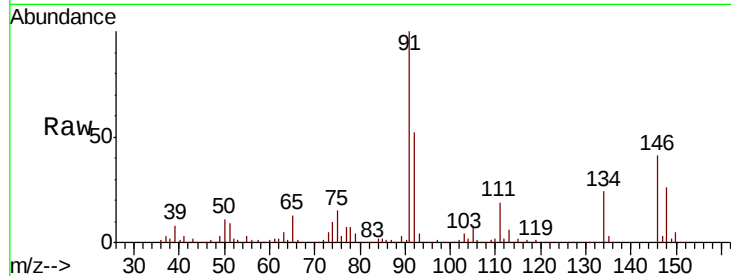




#89
n-Butylbenzene
Concen: 20.374 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

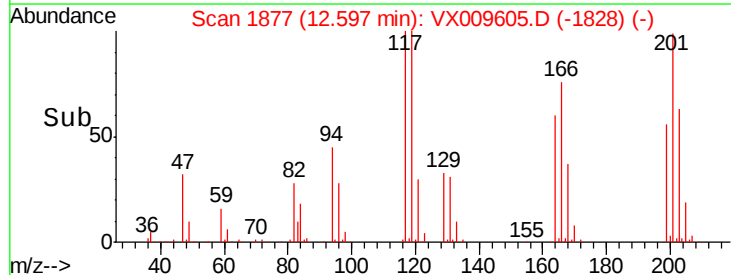
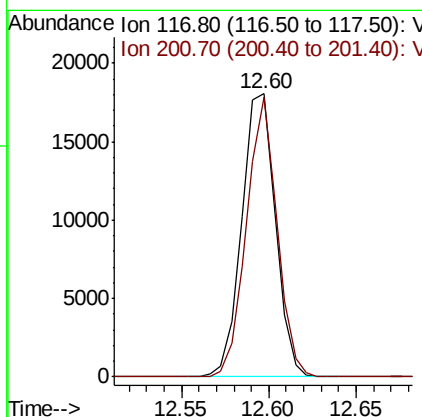
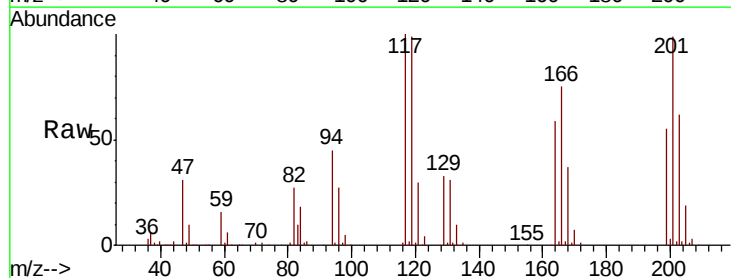
Instrument :
MSVOA_X
ClientSampleId :

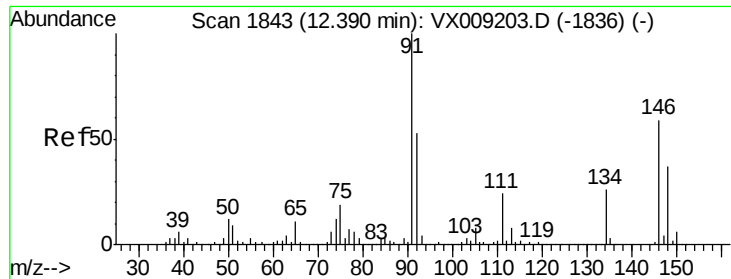
Tot Ion: 91 Resp: 137028
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 24.6 12.4 37.2



#90
Hexachloroethane
Concen: 19.095 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009605.D
Acq: 16 May 2019 14:24

Tgt Ion: 117 Resp: 24208
Ion Ratio Lower Upper
117 100
201 89.6 42.3 126.9

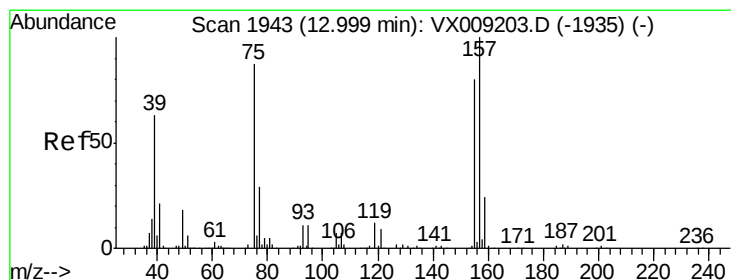
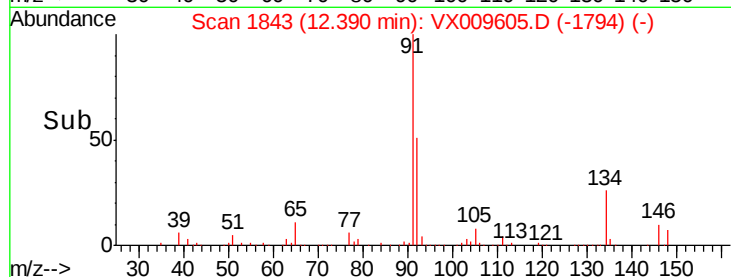
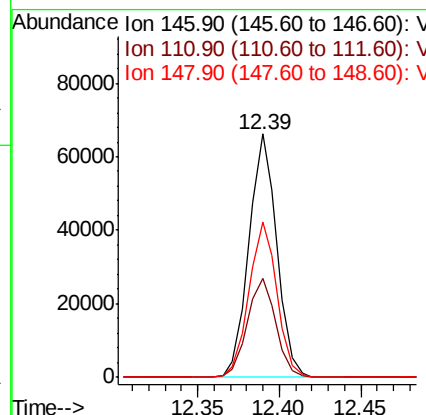
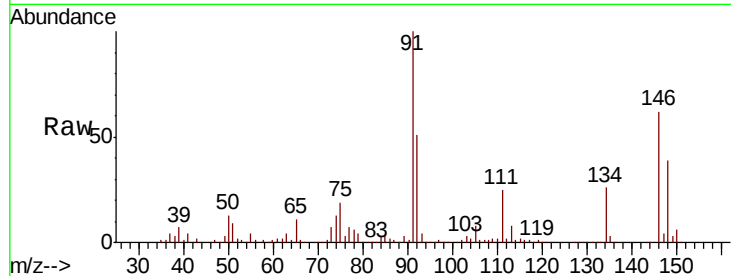




#91
 1,2-Dichlorobenzene
 Concen: 20.571 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

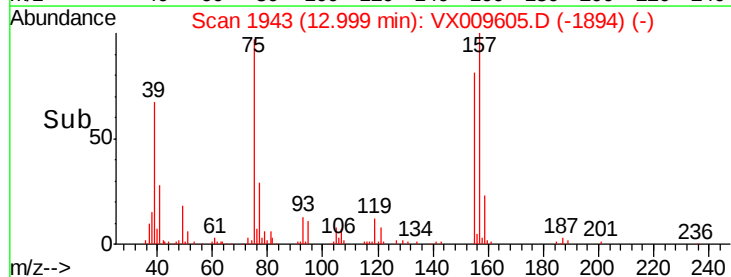
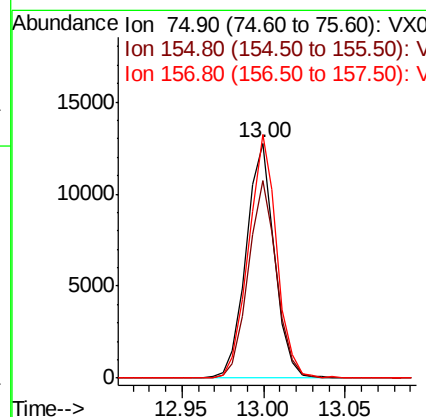
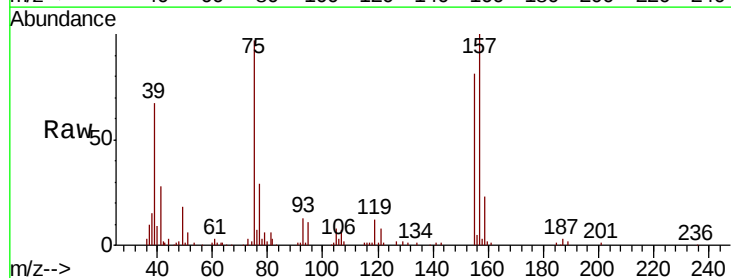
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 79020
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.651 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion: 75 Resp: 15433
 Ion Ratio Lower Upper
 75 100
 155 83.7 42.0 126.0
 157 103.2 53.2 159.6

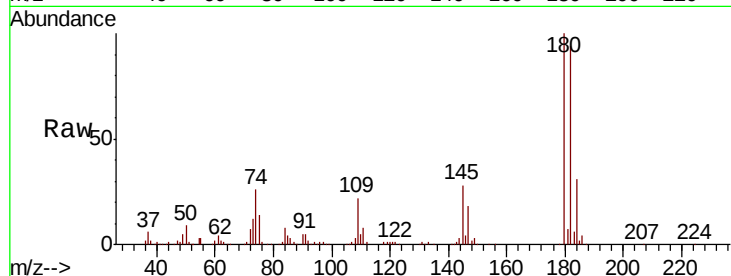




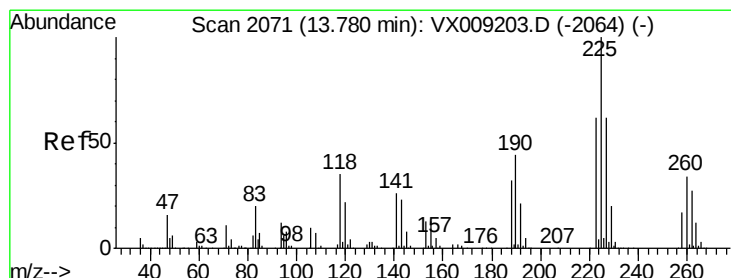
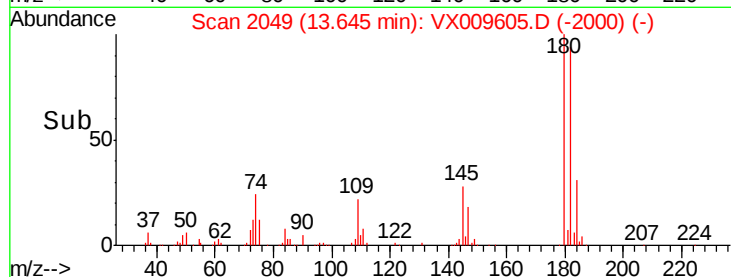
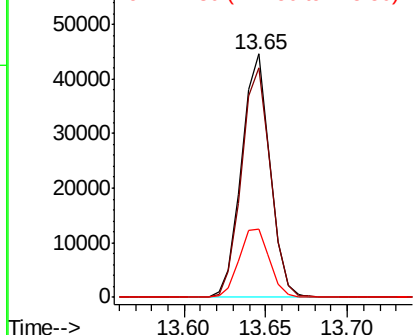
#93
 1,2,4-Trichlorobenzene
 Concen: 20.728 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 54449
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.2
 145 30.1 14.6 43.8

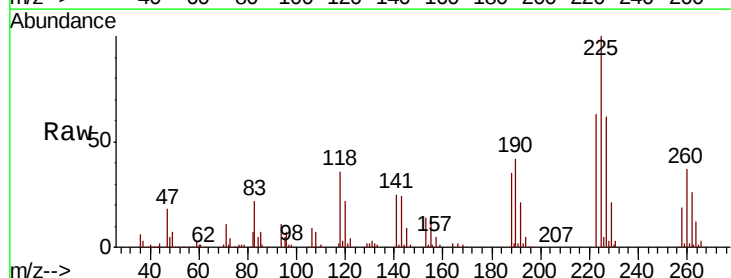


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

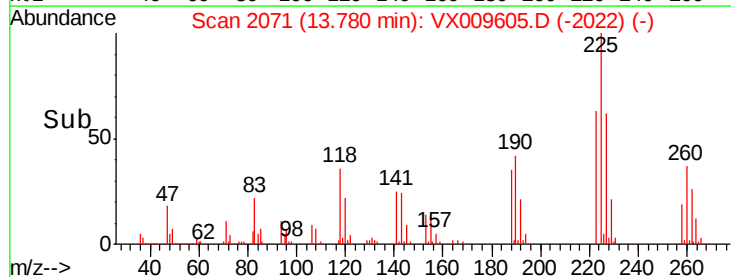
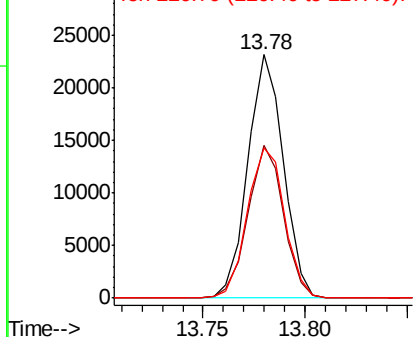


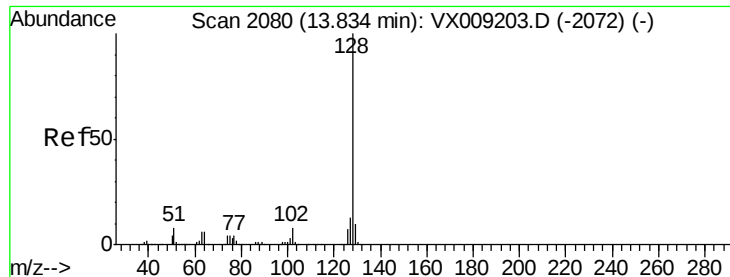
#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009605.D
 Acq: 16 May 2019 14:24

Tgt Ion:225 Resp: 28022
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 64.8 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: 21.533 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

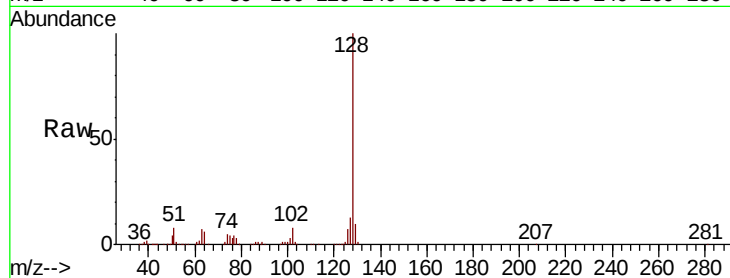
Tot Ion:128 Resp: 184025

Ion Ratio Lower Upper

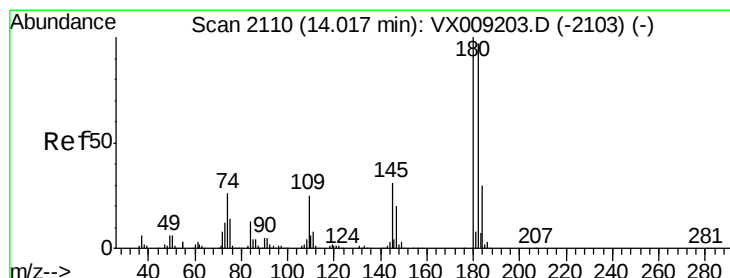
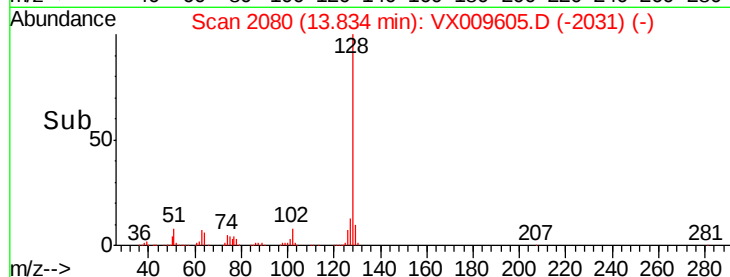
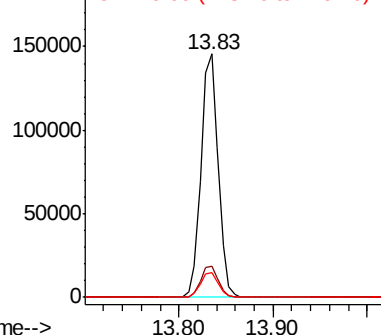
128 100

127 13.1 10.4 15.6

129 10.6 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 21.493 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009605.D

Acq: 16 May 2019 14:24

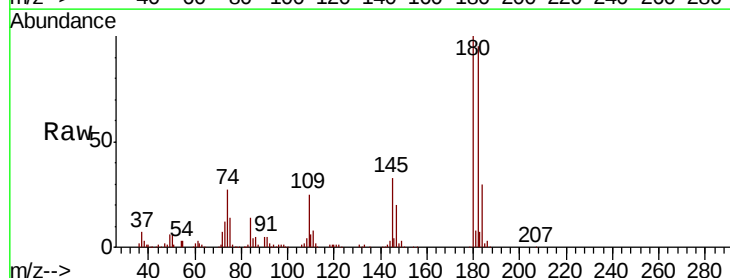
Tgt Ion:180 Resp: 57231

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.4

145 30.9 15.4 46.4



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

