

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009746.D
 Acq On : 21 May 2019 14:37
 Operator : JC/SP
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Quant Time: May 22 07:04:06 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	163256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113398	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	101025	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
35) Dibromofluoromethane	5.50	113	74183	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
50) Toluene-d8	8.71	98	288641	43.39	ug/l	0.00
Spiked Amount			Recovery	=	86.78%	
62) 4-Bromofluorobenzene	11.13	95	106764	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	25677	17.068	ug/l	95
3) Chloromethane	1.32	50	40682	19.807	ug/l	100
4) Vinyl Chloride	1.41	62	37969	18.958	ug/l	99
5) Bromomethane	1.64	94	23952	19.925	ug/l	97
6) Chloroethane	1.72	64	24330	18.921	ug/l	97
7) Trichlorofluoromethane	1.93	101	45040	18.500	ug/l	100
8) Diethyl Ether	2.19	74	20811	18.046	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27758	18.156	ug/l	99
10) Methyl Iodide	2.51	142	29297	19.571	ug/l	100
11) Tert butyl alcohol	3.04	59	47332	91.751	ug/l	98
12) 1,1-Dichloroethene	2.37	96	28281	18.462	ug/l	99
13) Acrolein	2.29	56	37734	80.767	ug/l	97
14) Allyl chloride	2.73	41	67933	18.198	ug/l	99
15) Acrylonitrile	3.14	53	116897	92.676	ug/l	99
16) Acetone	2.45	43	109183	91.237	ug/l	99
17) Carbon Disulfide	2.57	76	81727	19.003	ug/l	99
18) Methyl Acetate	2.78	43	49801	17.499	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	107133	18.010	ug/l	99
20) Methylene Chloride	2.85	84	34754	17.936	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	30474	18.344	ug/l	97
22) Diisopropyl ether	3.86	45	132386	18.441	ug/l	96
23) Vinyl Acetate	3.81	43	595432	96.857	ug/l	98
24) 1,1-Dichloroethane	3.70	63	64144	18.112	ug/l	99
25) 2-Butanone	4.68	43	175623	94.440	ug/l	97
26) 2,2-Dichloropropane	4.58	77	45287	17.180	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35514	17.910	ug/l	98
28) Bromochloromethane	5.01	49	35899	23.742	ug/l	100
29) Tetrahydrofuran	5.13	42	116674	97.500	ug/l	97
30) Chloroform	5.21	83	57936	18.088	ug/l	96
31) Cyclohexane	5.58	56	61593	18.693	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	47810	17.930	ug/l	98
36) 1,1-Dichloropropene	5.80	75	44720	18.361	ug/l	99
37) Ethyl Acetate	4.84	43	65333	19.253	ug/l	99
38) Carbon Tetrachloride	5.79	117	40356	18.237	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Quant Time: May 22 07:04:06 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	55002	18.389	ug/l	98
40) Benzene	6.14	78	140678	18.663	ug/l	100
41) Methacrylonitrile	5.04	41	36595	18.116	ug/l	98
42) 1,2-Dichloroethane	6.19	62	50244	18.582	ug/l	99
43) Isopropyl Acetate	6.45	43	100732	18.558	ug/l	100
44) Trichloroethene	7.21	130	32581	17.880	ug/l	100
45) 1,2-Dichloropropane	7.51	63	39432	18.475	ug/l	98
46) Dibromomethane	7.66	93	22094	17.826	ug/l	98
47) Bromodichloromethane	7.90	83	44071	17.826	ug/l	97
48) Methyl methacrylate	7.77	41	50191	18.638	ug/l	99
49) 1,4-Dioxane	7.74	88	19653	359.860	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	340662	96.019	ug/l	99
52) Toluene	8.78	92	85404	18.639	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49516	17.739	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	55442	17.945	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34046	18.213	ug/l	97
56) Ethyl methacrylate	9.18	69	60649	18.176	ug/l	96
57) 1,3-Dichloropropane	9.37	76	59760	18.167	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	162993	92.078	ug/l	100
59) 2-Hexanone	9.49	43	264325	94.861	ug/l	98
60) Dibromochloromethane	9.58	129	32528	17.817	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34155	18.101	ug/l	98
64) Tetrachloroethene	9.34	164	30393	18.545	ug/l	99
65) Chlorobenzene	10.13	112	86473	18.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	30866	17.813	ug/l	99
67) Ethyl Benzene	10.25	91	159943	18.183	ug/l	99
68) m/p-Xylenes	10.36	106	117834	36.658	ug/l	99
69) o-Xylene	10.69	106	57167	18.025	ug/l	100
70) Styrene	10.71	104	98694	17.904	ug/l	99
71) Bromoform	10.85	173	24605	17.473	ug/l #	98
73) Isopropylbenzene	11.02	105	151717	18.398	ug/l	99
74) N-amyl acetate	10.90	43	88619	18.433	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	57069	18.565	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	65205	24.789	ug/l	82
77) Bromobenzene	11.26	156	36868	18.013	ug/l	97
78) n-propylbenzene	11.36	91	172568	18.324	ug/l	99
79) 2-Chlorotoluene	11.42	91	105734	18.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	128845	18.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17668	17.186	ug/l	90
82) 4-Chlorotoluene	11.51	91	120666	18.384	ug/l	99
83) tert-Butylbenzene	11.77	119	122068	18.072	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	128771	18.477	ug/l	99
85) sec-Butylbenzene	11.94	105	143838	17.962	ug/l	100
86) p-Isopropyltoluene	12.06	119	131517	18.269	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	65400	17.924	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	65005	17.671	ug/l	97
89) n-Butylbenzene	12.38	91	115053	17.682	ug/l	100
90) Hexachloroethane	12.59	117	21929	17.880	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	65604	17.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12668	18.370	ug/l	97

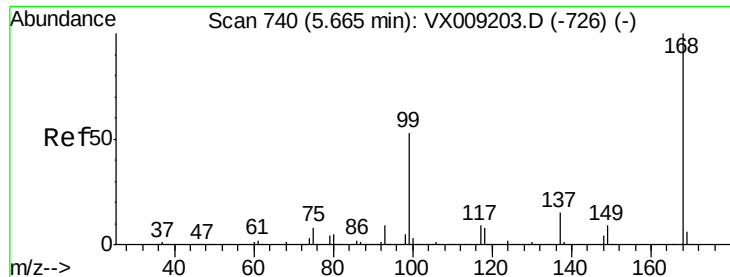
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
Data File : VX009746.D
Acq On : 21 May 2019 14:37
Operator : JC/SP
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Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Quant Time: May 22 07:04:06 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	45086	17.741	ug/l	99
94) Hexachlorobutadiene	13.78	225	23555	18.150	ug/l	99
95) Naphthalene	13.83	128	145198	17.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	46150	17.915	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: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

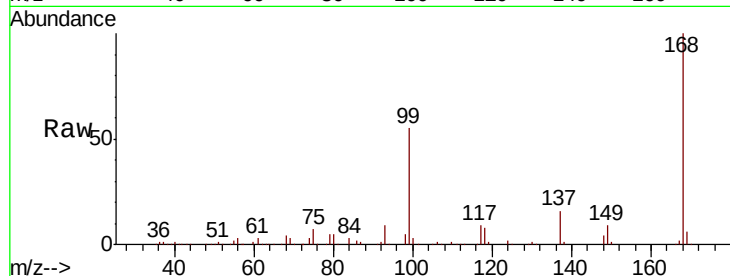
VX0521WBS01

Tot Ion:168 Resp: 163256

Ion Ratio Lower Upper

168 100

99 55.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.67

60000

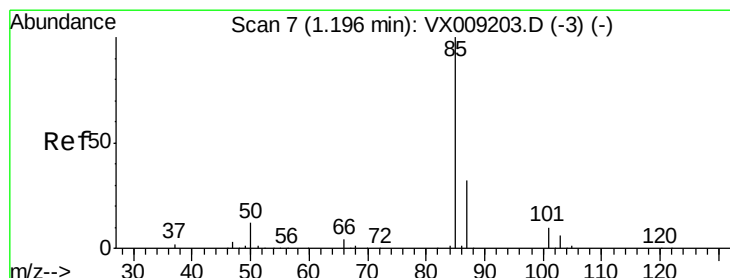
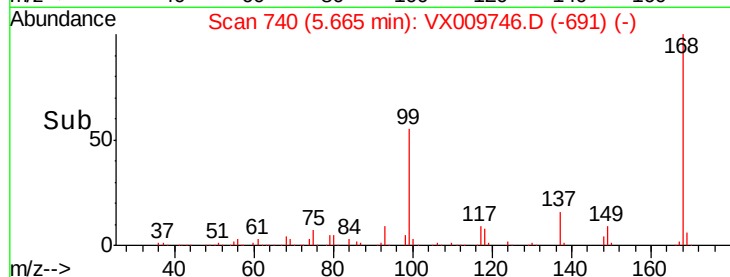
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.068 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009746.D

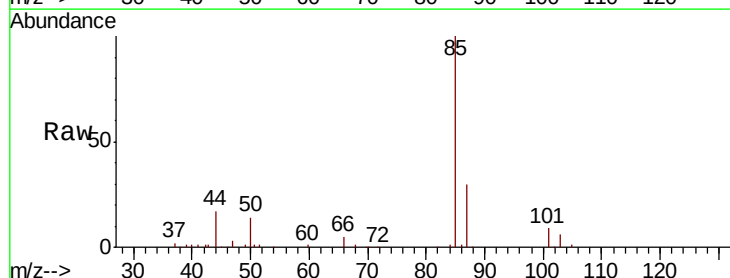
Acq: 21 May 2019 14:37

Tgt Ion: 85 Resp: 25677

Ion Ratio Lower Upper

85 100

87 29.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009746.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX009746.D (-1) (-)

1.20

25000

20000

15000

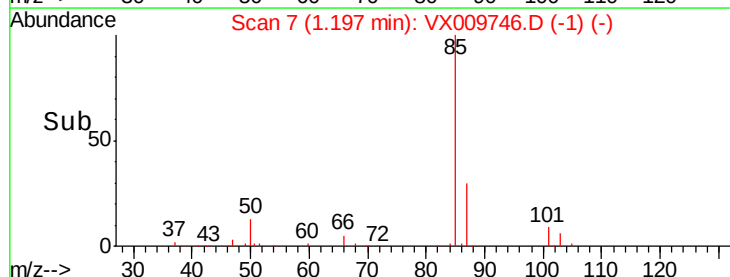
10000

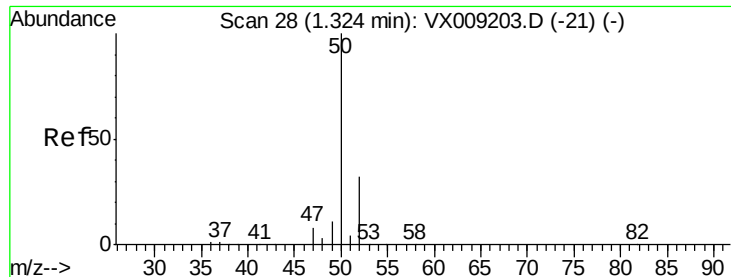
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.807 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

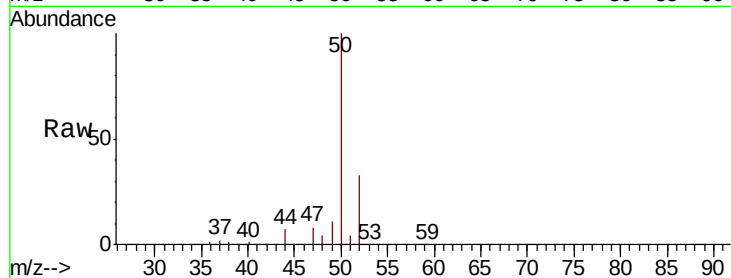
VX0521WBS01

Tot Ion: 50 Resp: 40682

Ion Ratio Lower Upper

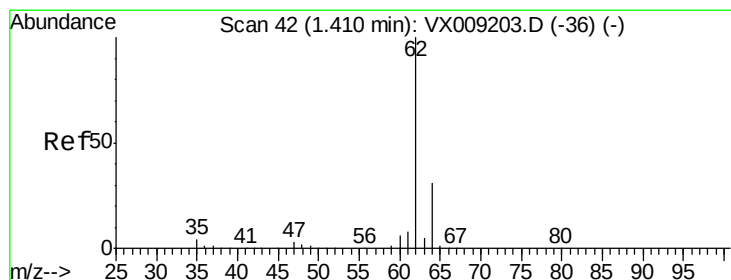
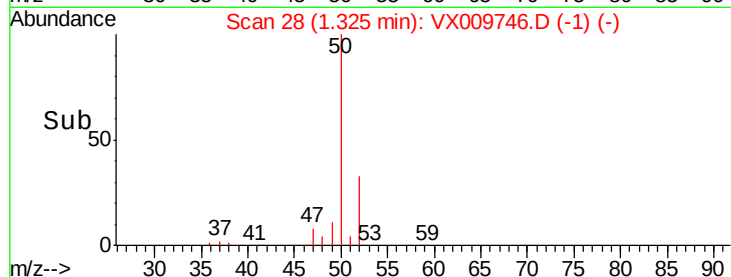
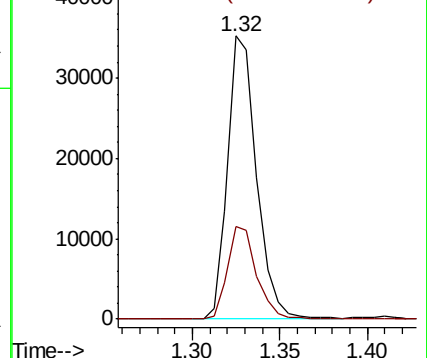
50 100

52 32.5 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: 18.958 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009746.D

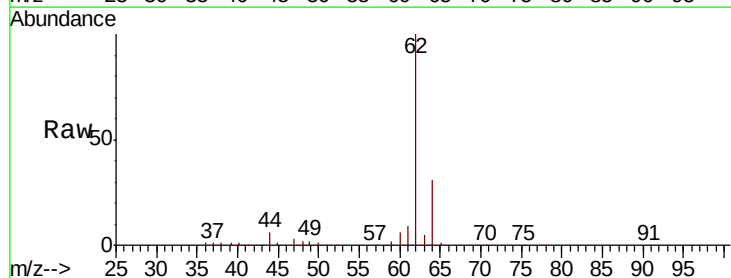
Acq: 21 May 2019 14:37

Tgt Ion: 62 Resp: 37969

Ion Ratio Lower Upper

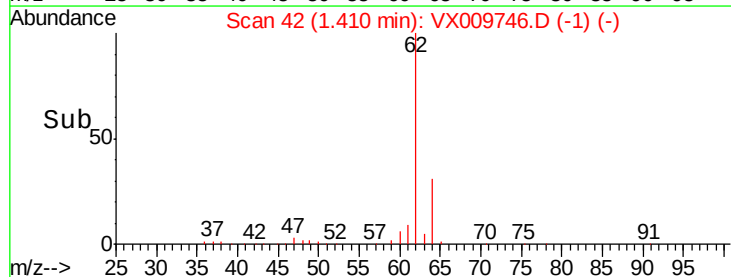
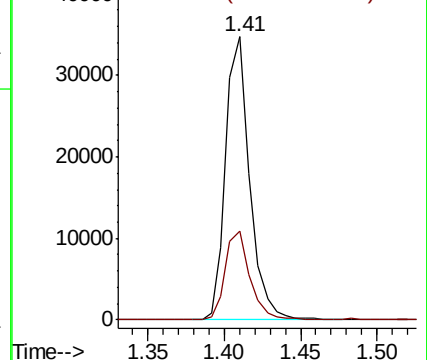
62 100

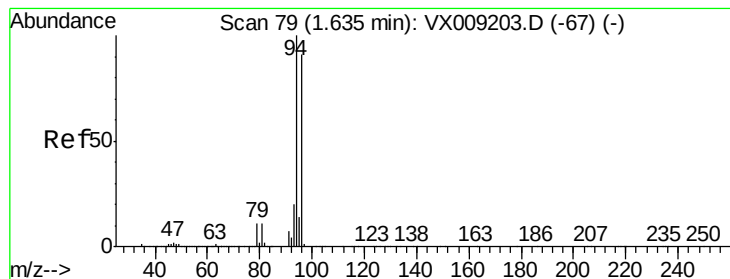
64 31.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.925 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

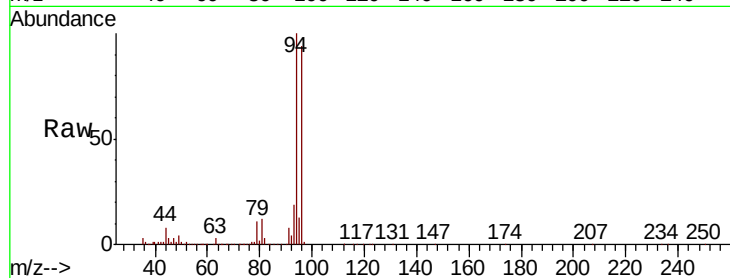
VX0521WBS01

Tot Ion: 94 Resp: 23952

Ion Ratio Lower Upper

94 100

96 94.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

5000

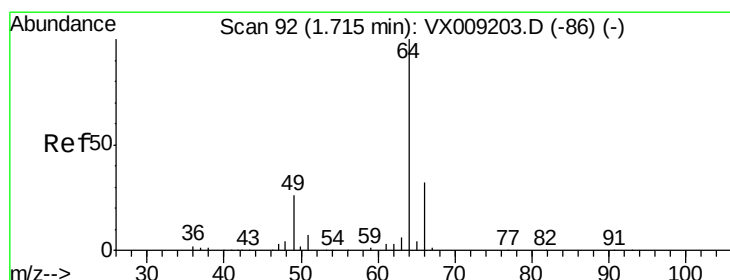
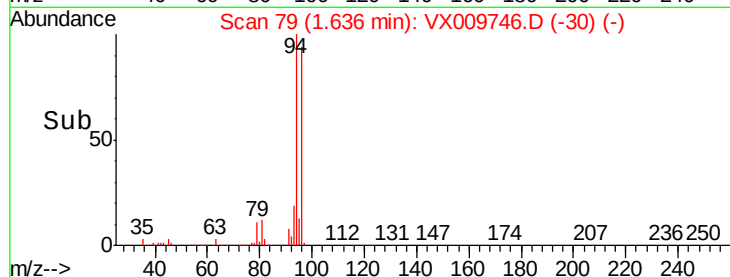
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 18.921 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009746.D

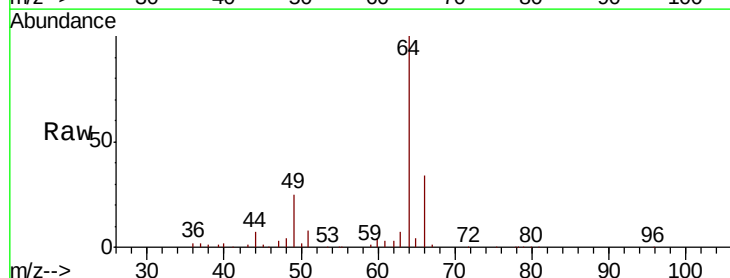
Acq: 21 May 2019 14:37

Tgt Ion: 64 Resp: 24330

Ion Ratio Lower Upper

64 100

66 33.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

10000

5000

0

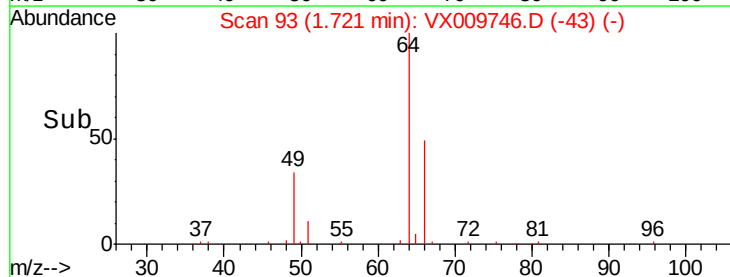
1.65

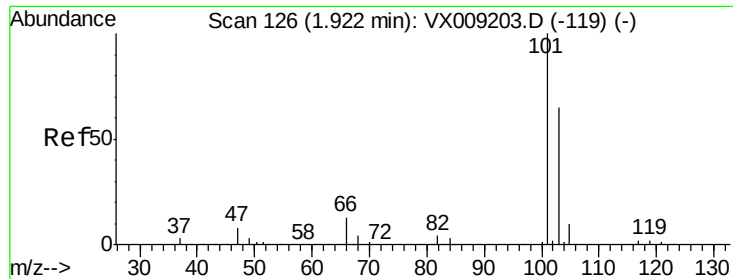
1.70

1.75

1.80

Time-->



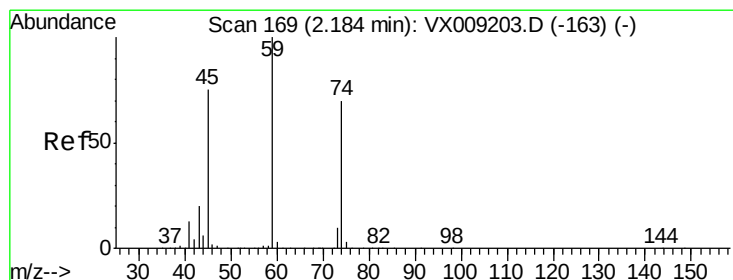
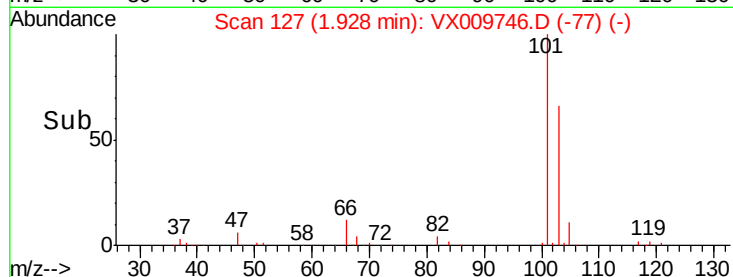
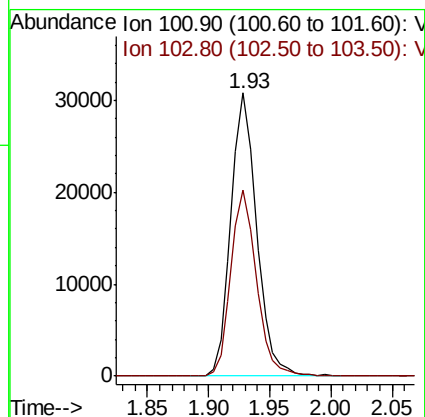
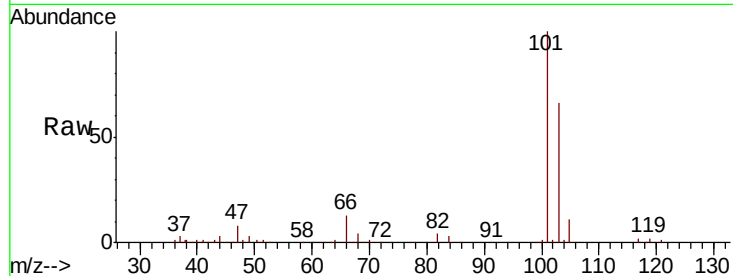


#7

Trichlorofluoromethane
 Concen: 18.500 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

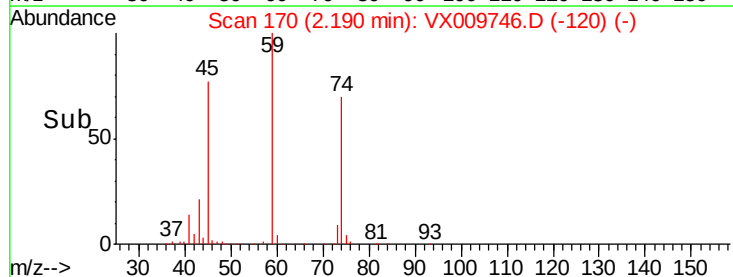
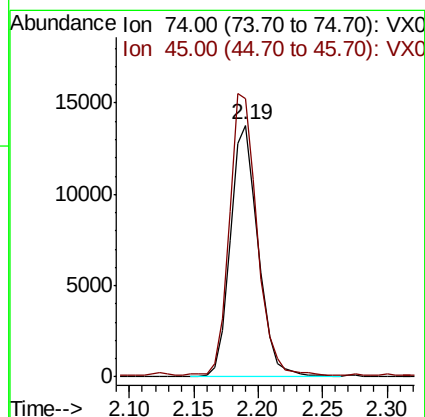
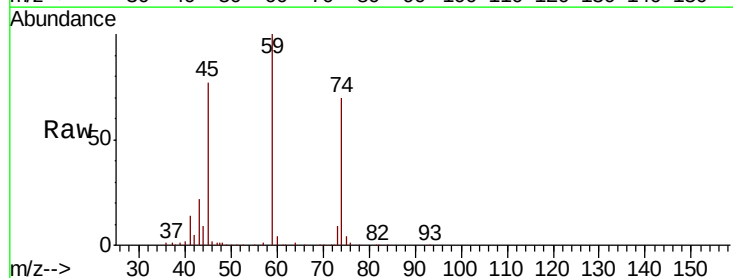
Tot Ion:101 Resp: 45040
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.4 78.6

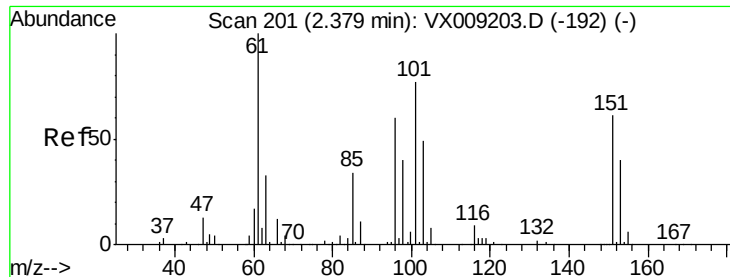


#8

Diethyl Ether
 Concen: 18.046 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion: 74 Resp: 20811
 Ion Ratio Lower Upper
 74 100
 45 111.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.156 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

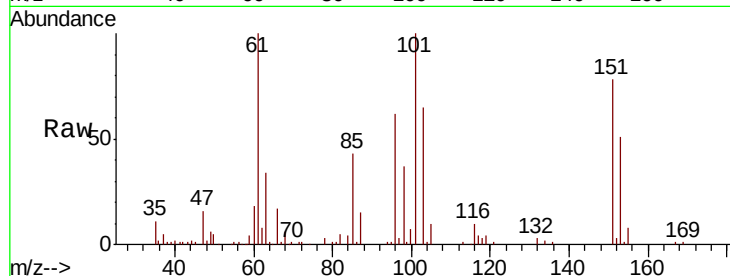
Tot Ion:101 Resp: 27758

Ion Ratio Lower Upper

101 100

85 43.2 35.7 53.5

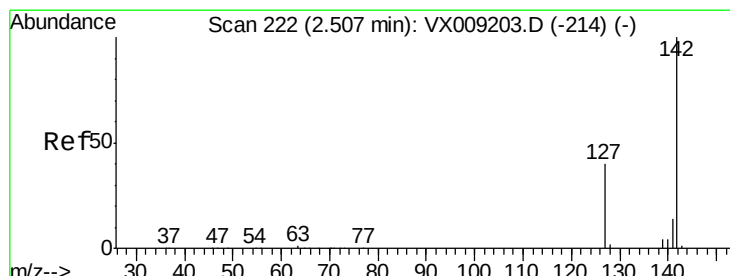
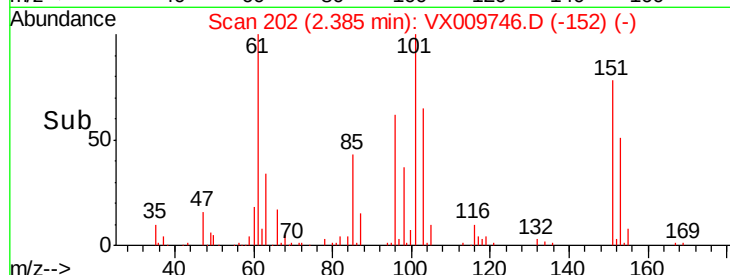
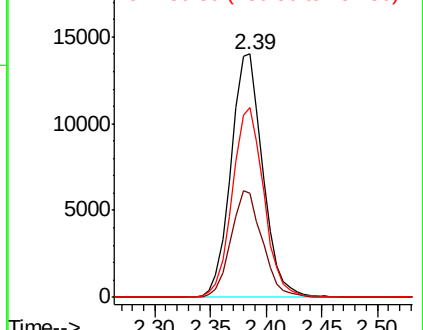
151 77.3 62.2 93.2



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: 19.571 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

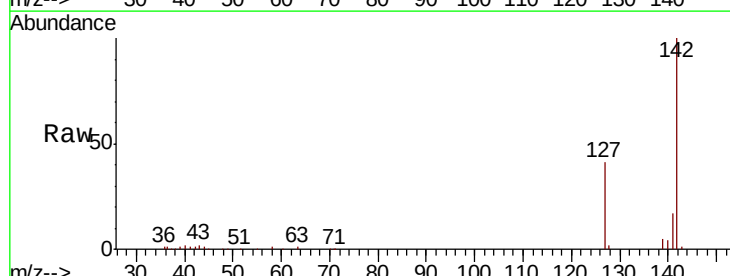
Tgt Ion:142 Resp: 29297

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

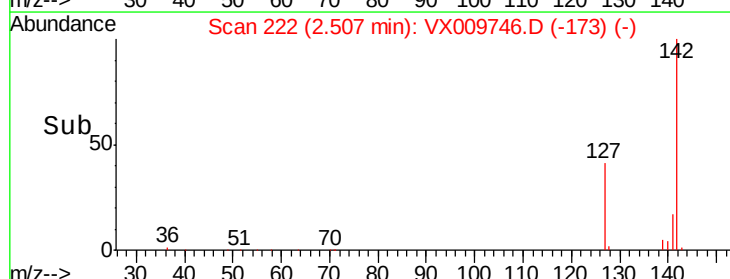
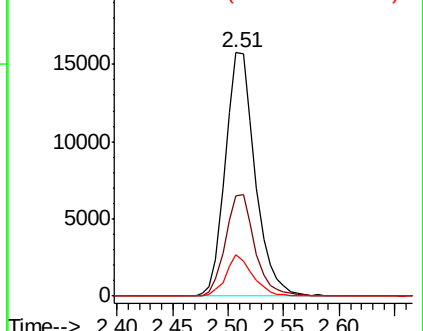
141 15.1 11.5 17.3

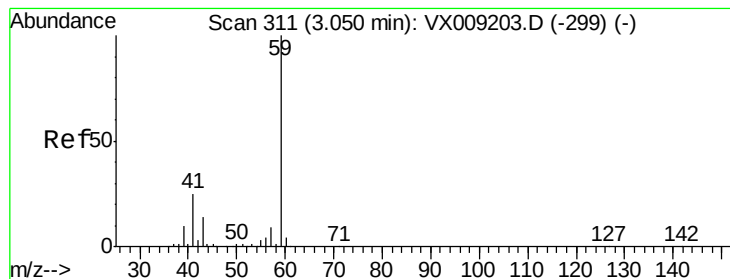


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.751 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

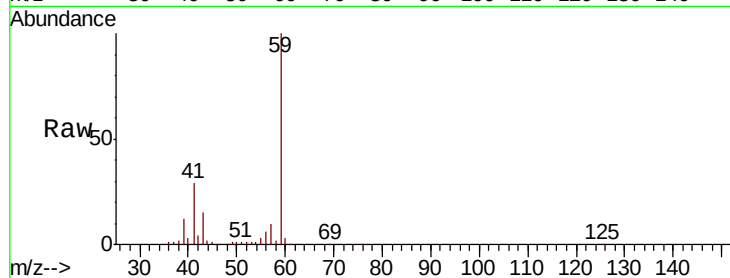
VX0521WBS01

Tot Ion: 59 Resp: 47332

Ion Ratio Lower Upper

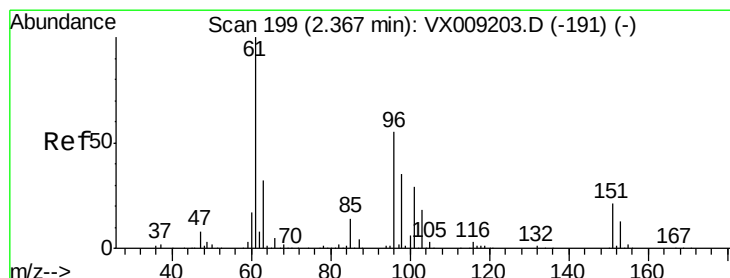
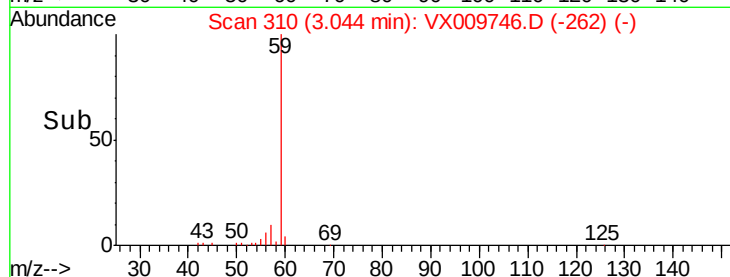
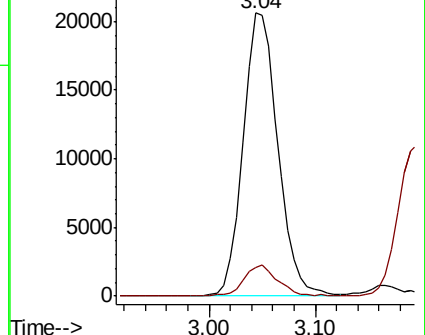
59 100

57 10.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.462 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

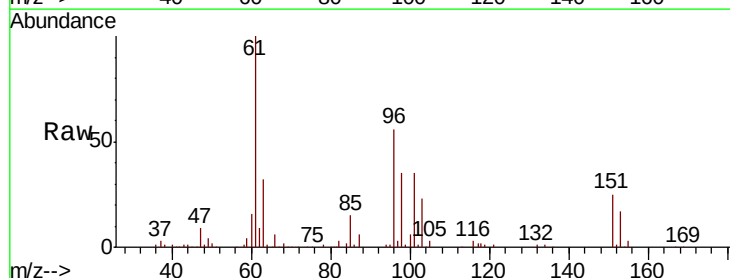
Tgt Ion: 96 Resp: 28281

Ion Ratio Lower Upper

96 100

61 178.0 144.3 216.5

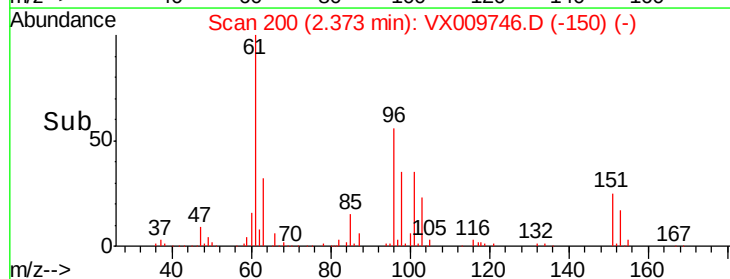
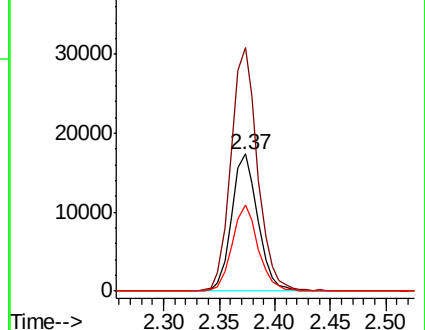
98 62.5 50.3 75.5

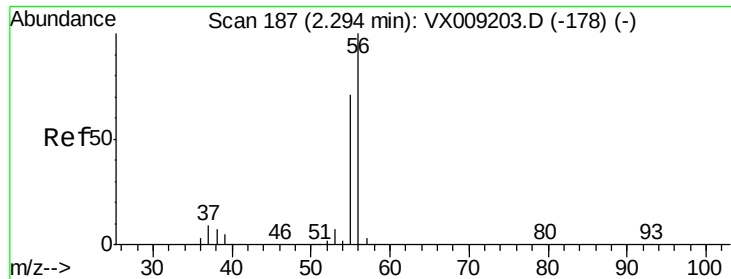


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 80.767 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

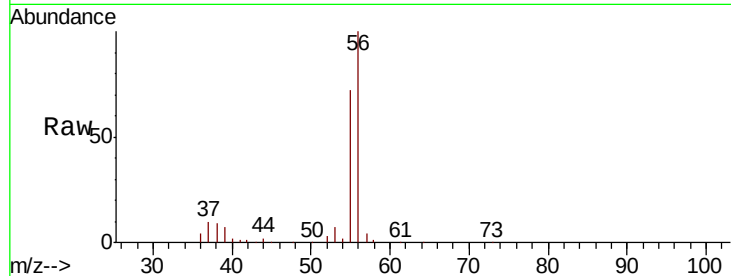
VX0521WBS01

Tot Ion: 56 Resp: 37734

Ion Ratio Lower Upper

56 100

55 73.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

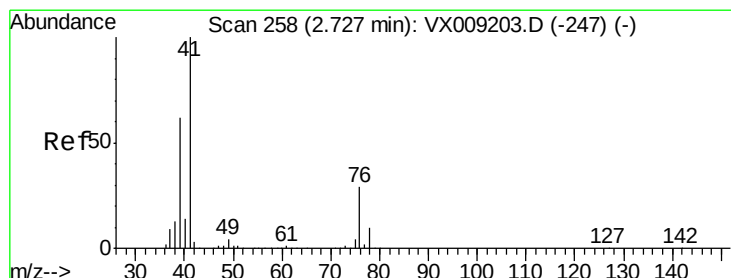
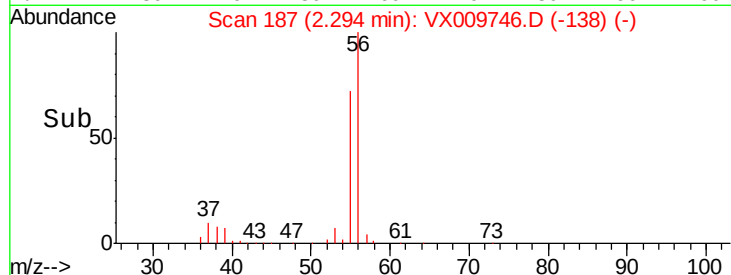
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.198 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

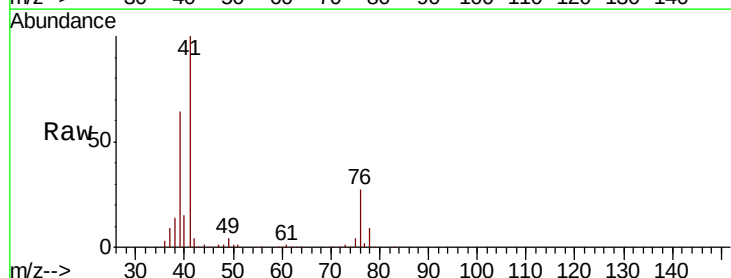
Tgt Ion: 41 Resp: 67933

Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 25.3 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

30000

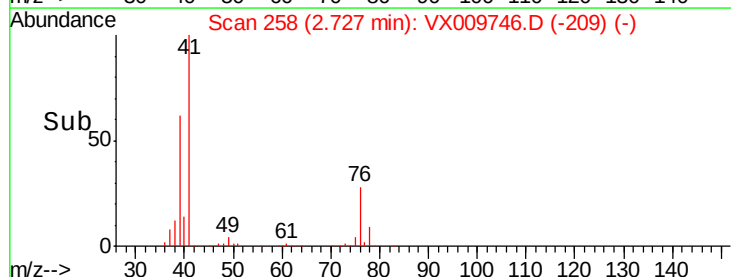
20000

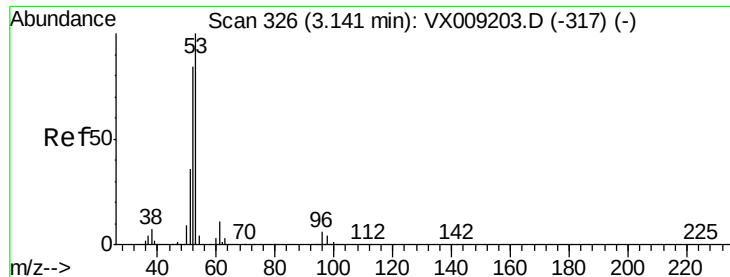
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 92.676 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

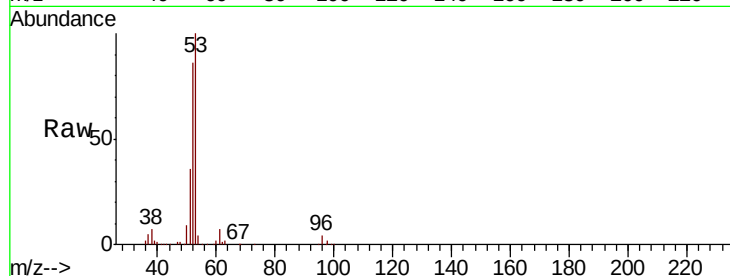
Tot Ion: 53 Resp: 116897

Ion Ratio Lower Upper

53 100

52 84.1 66.9 100.3

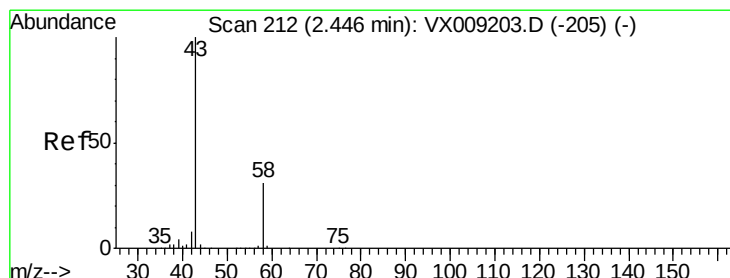
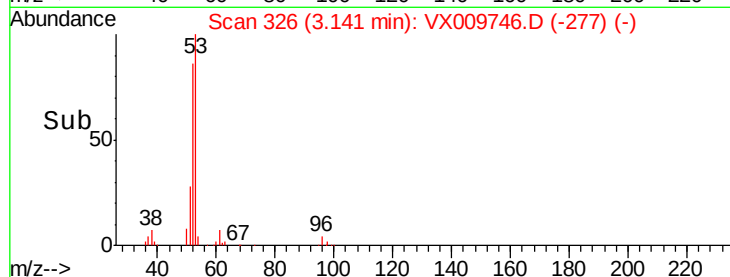
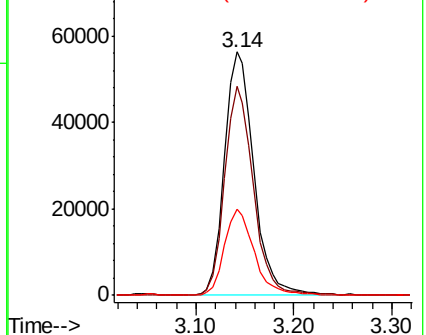
51 36.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.237 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009746.D

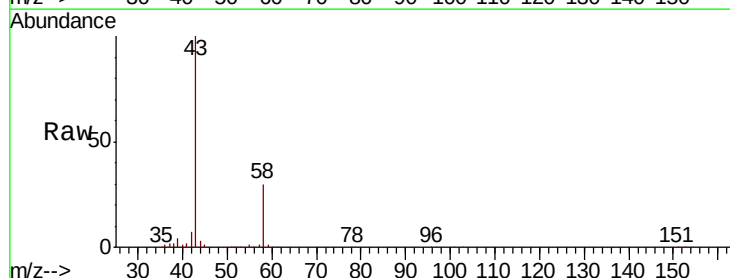
Acq: 21 May 2019 14:37

Tgt Ion: 43 Resp: 109183

Ion Ratio Lower Upper

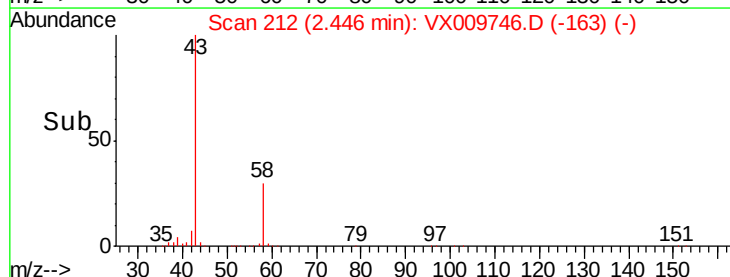
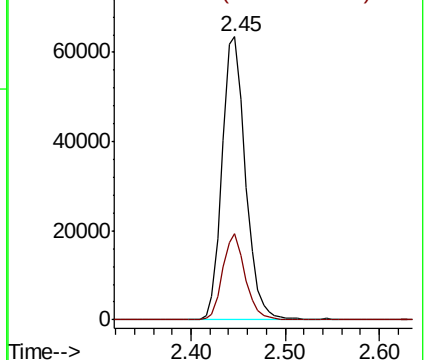
43 100

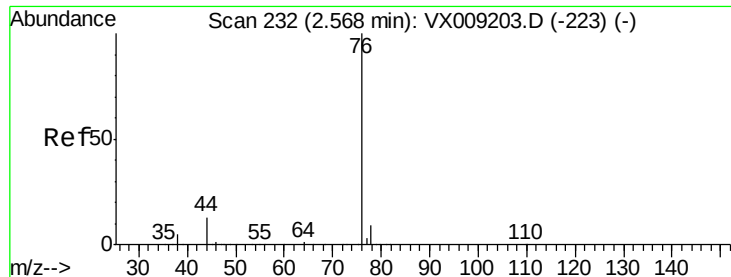
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.003 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

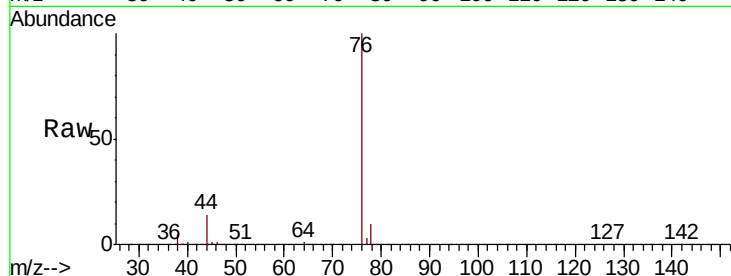
VX0521WBS01

Tot Ion: 76 Resp: 81727

Ion Ratio Lower Upper

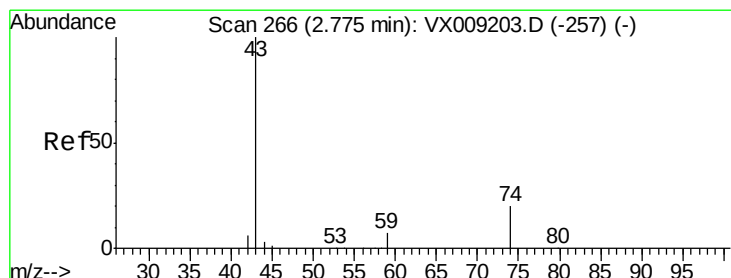
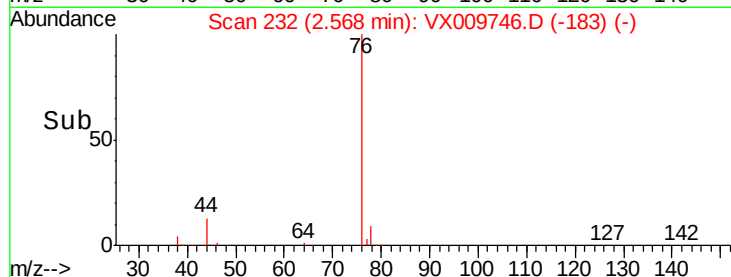
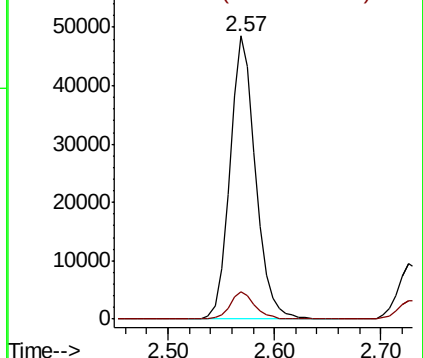
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.499 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009746.D

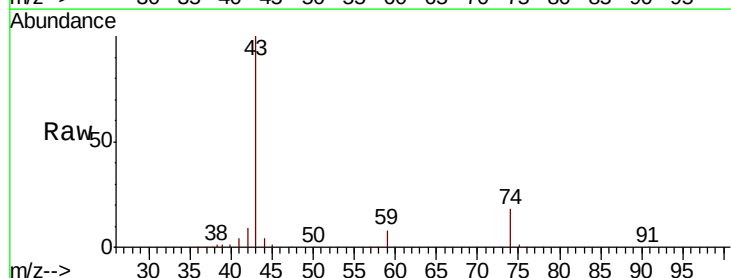
Acq: 21 May 2019 14:37

Tgt Ion: 43 Resp: 49801

Ion Ratio Lower Upper

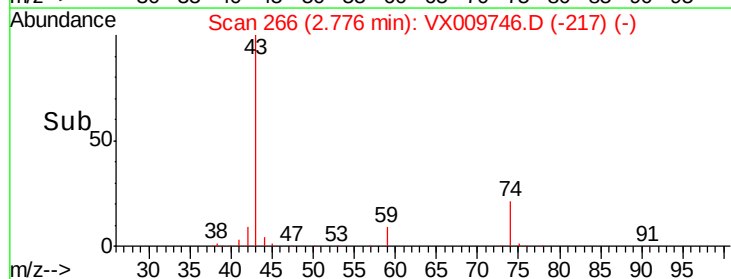
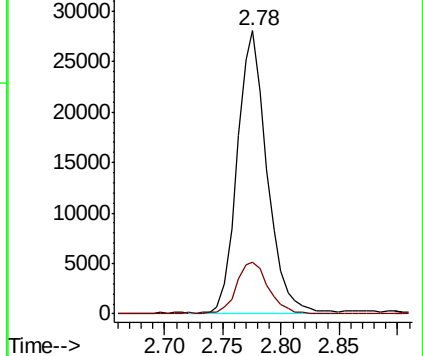
43 100

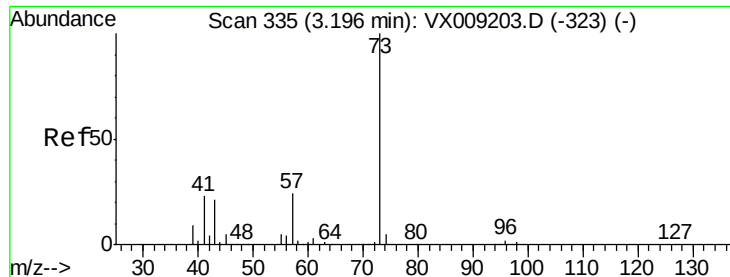
74 19.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

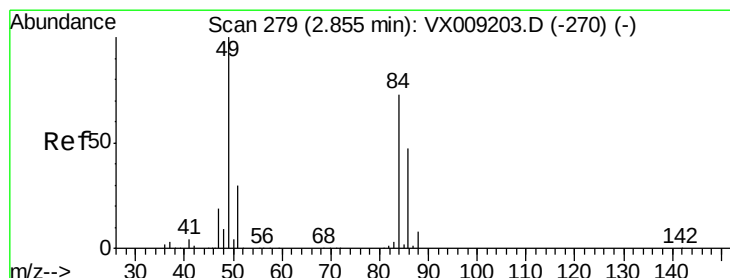
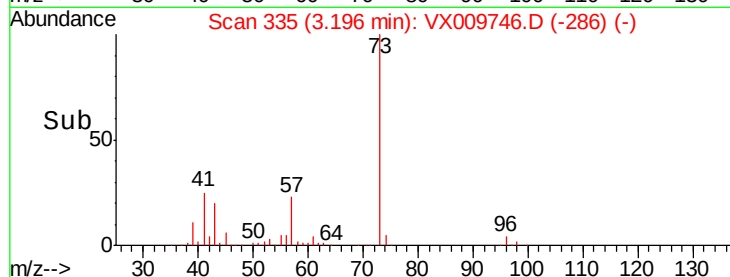
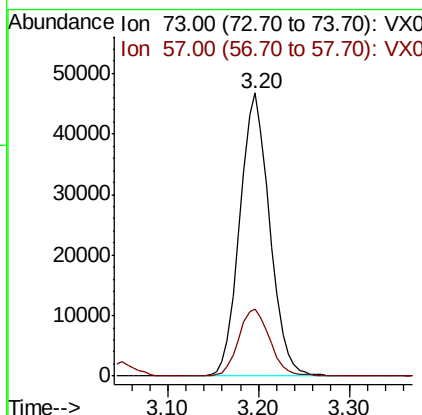
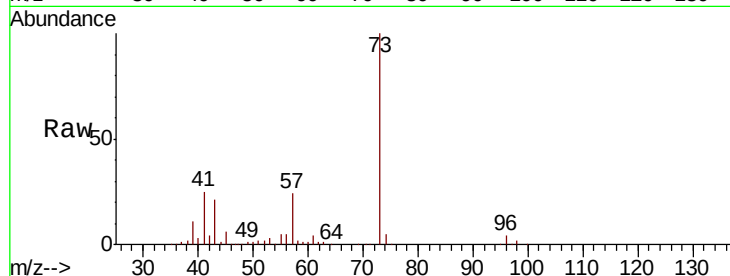




#19
Methvl tert-butvl Ether
Concen: 18.010 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

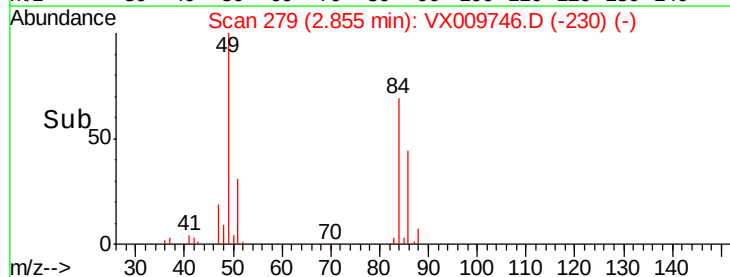
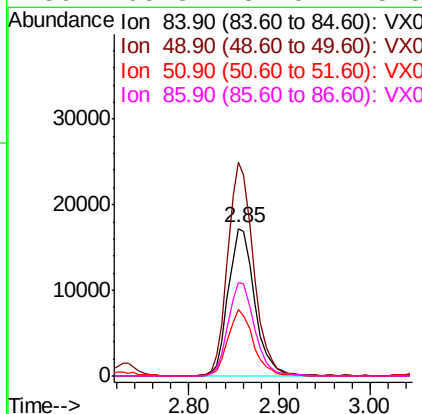
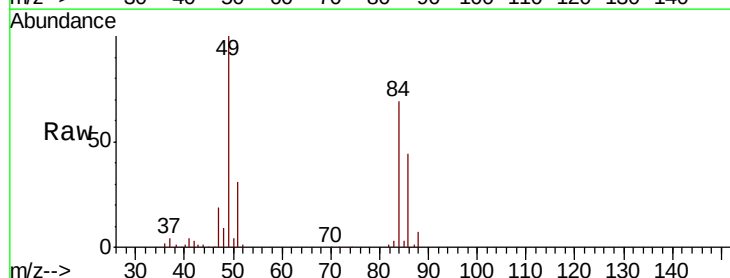
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

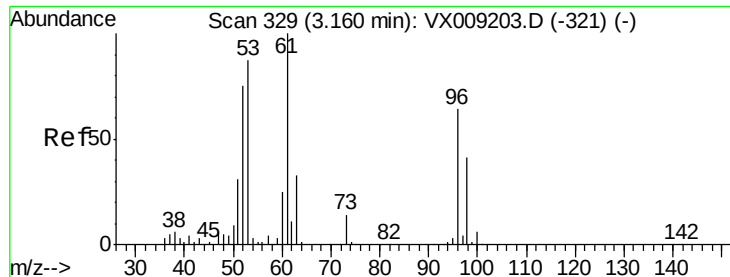
Tot Ion: 73 Resp: 107133
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9



#20
Methylene Chloride
Concen: 17.936 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 84 Resp: 34754
Ion Ratio Lower Upper
84 100
49 145.0 109.9 164.9
51 45.3 32.7 49.1
86 63.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.344 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

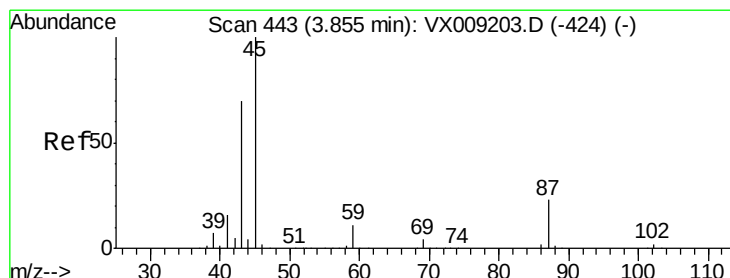
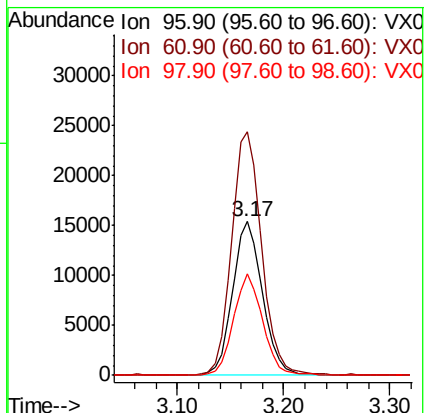
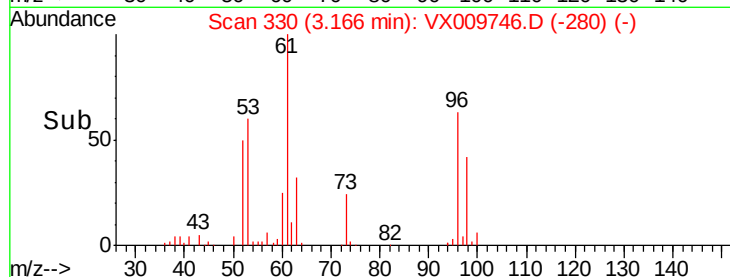
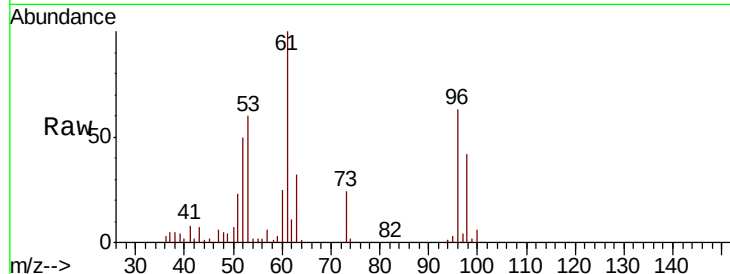
Tot Ion: 96 Resp: 30474

Ion Ratio Lower Upper

96 100

61 158.3 124.5 186.7

98 66.1 50.4 75.6



#22

Diisopropyl ether

Concen: 18.441 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Tgt Ion: 45 Resp: 132386

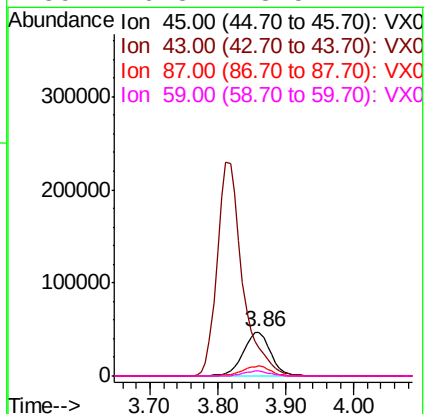
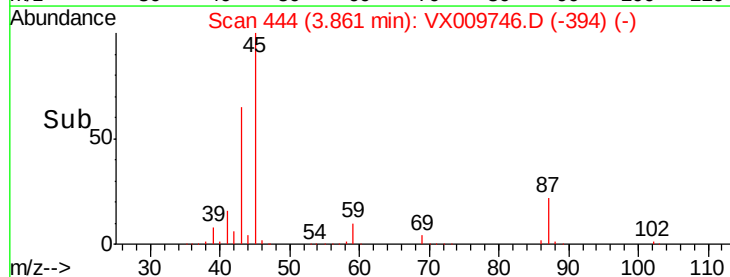
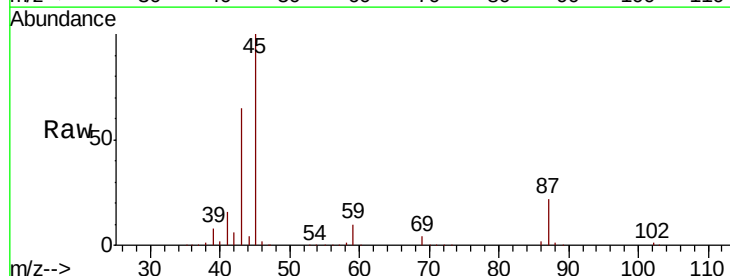
Ion Ratio Lower Upper

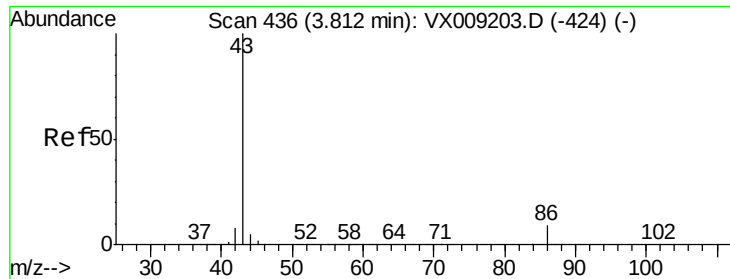
45 100

43 65.2 56.1 84.1

87 22.1 18.1 27.1

59 10.3 8.5 12.7





#23

Vinyl Acetate

Concen: 96.857 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleID :

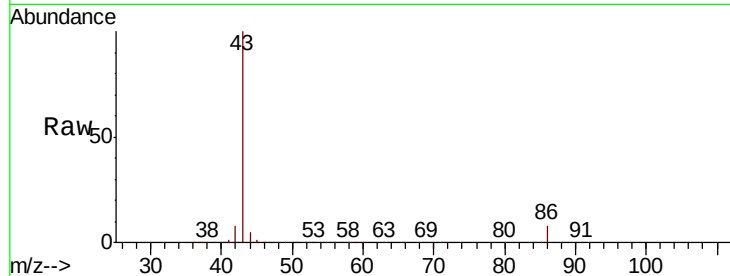
VX0521WBS01

Tot Ion: 43 Resp: 595432

Ion Ratio Lower Upper

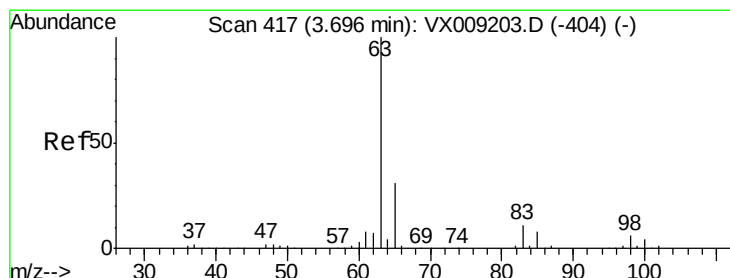
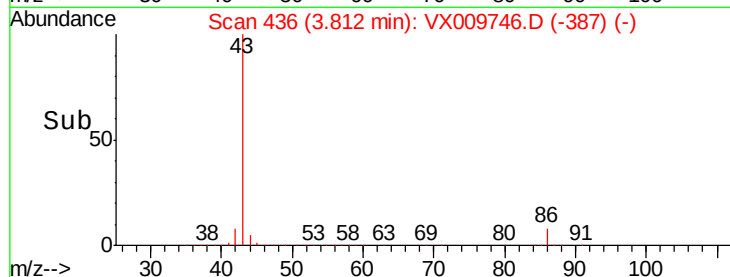
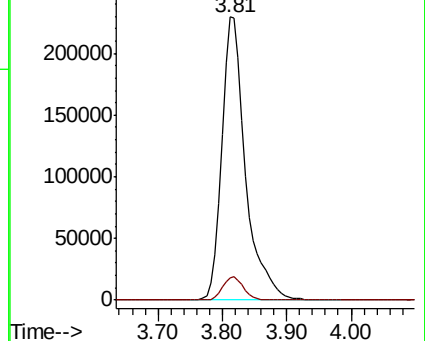
43 100

86 8.0 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: 18.112 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

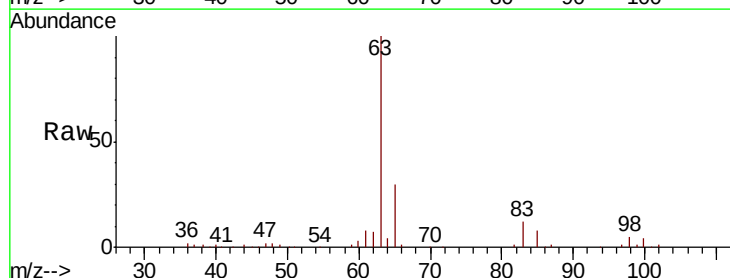
Tgt Ion: 63 Resp: 64144

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

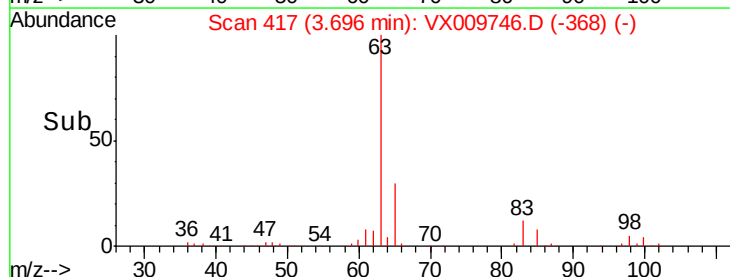
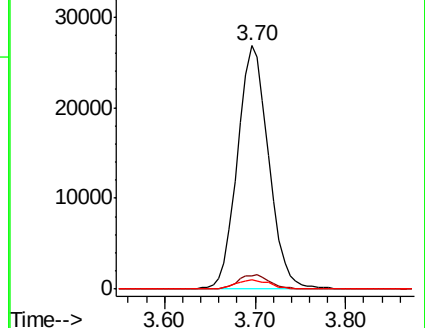
100 4.1 2.0 6.0

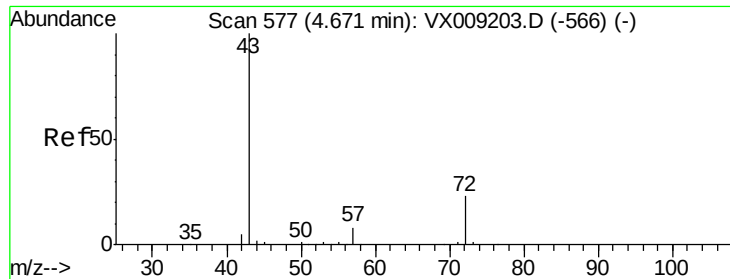


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.440 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

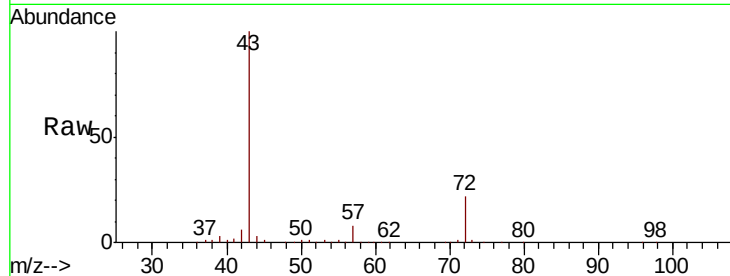
VX0521WBS01

Tot Ion: 43 Resp: 175623

Ion Ratio Lower Upper

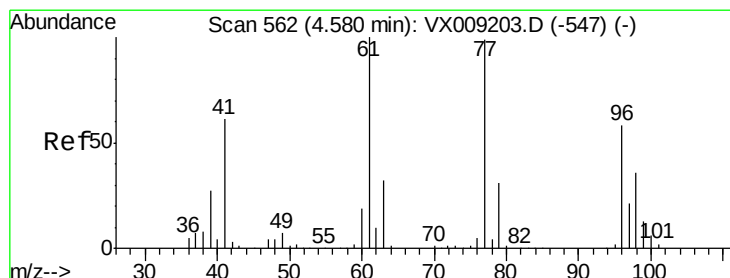
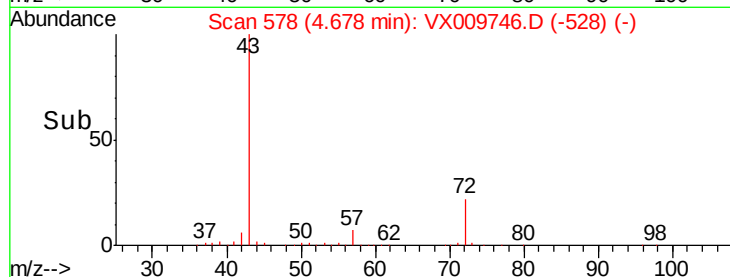
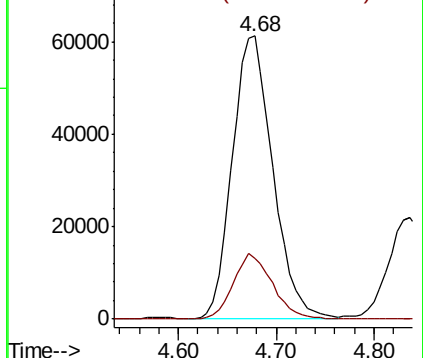
43 100

72 21.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.180 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009746.D

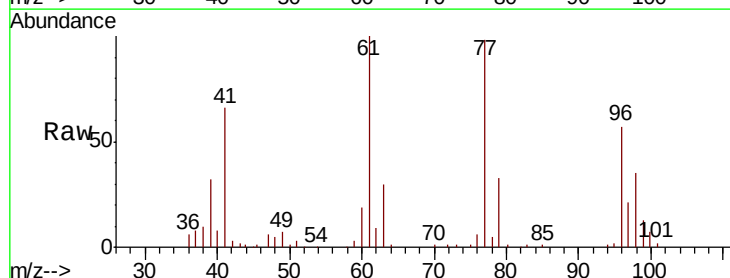
Acq: 21 May 2019 14:37

Tgt Ion: 77 Resp: 45287

Ion Ratio Lower Upper

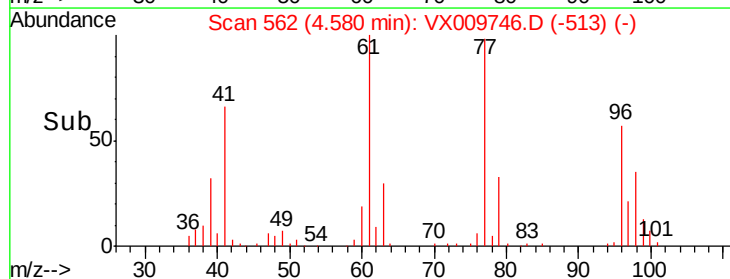
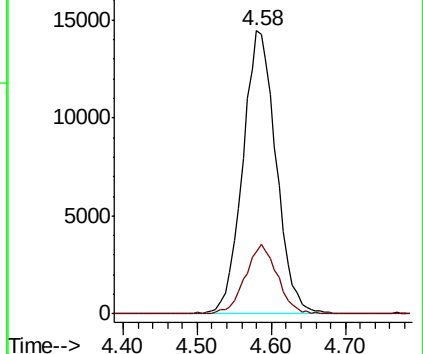
77 100

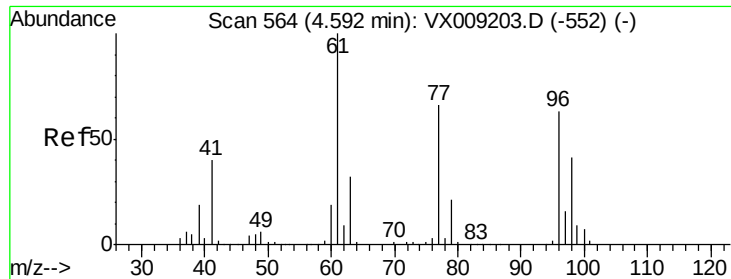
97 23.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



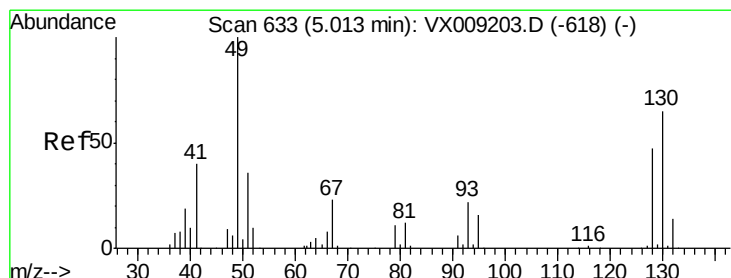
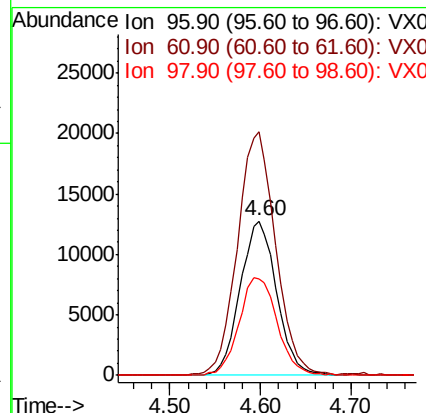
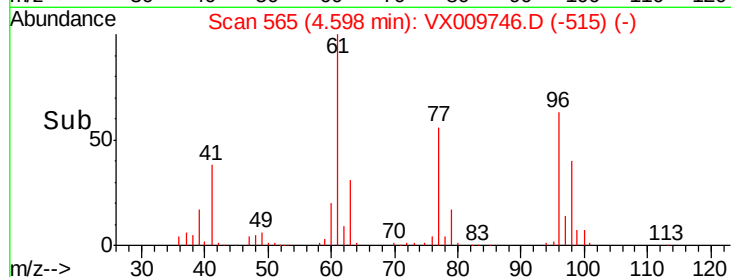
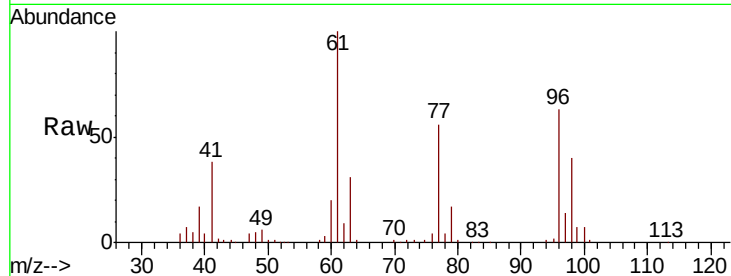


#27

cis-1,2-Dichloroethene
Concen: 17.910 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

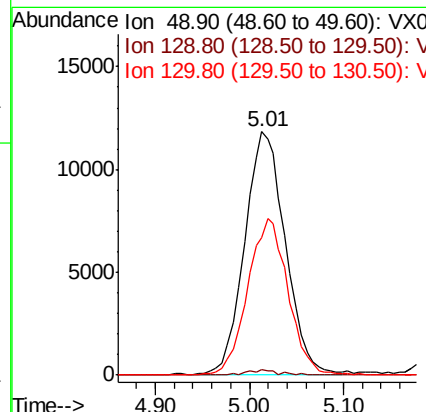
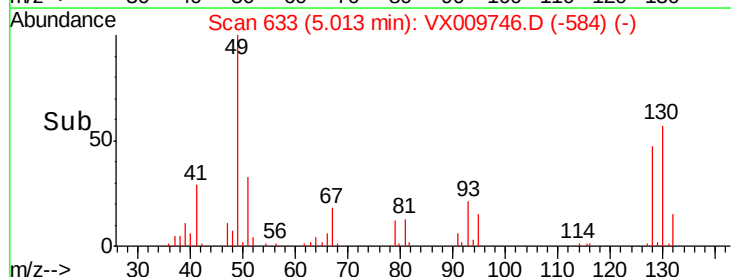
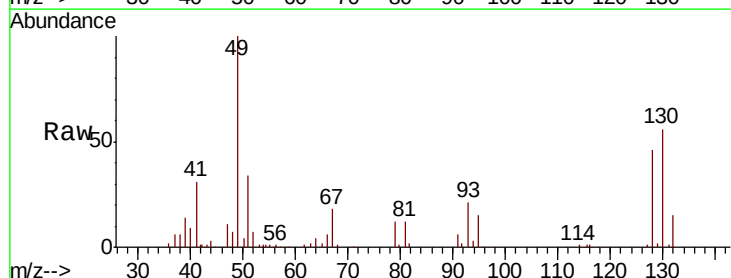
Tot Ion: 96 Resp: 35514
Ion Ratio Lower Upper
96 100
61 165.5 0.0 324.0
98 66.2 0.0 130.4

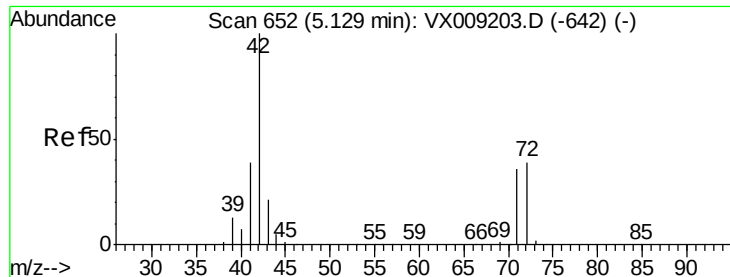


#28

Bromochloromethane
Concen: 23.742 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 49 Resp: 35899
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.8
130 63.7 51.2 76.8

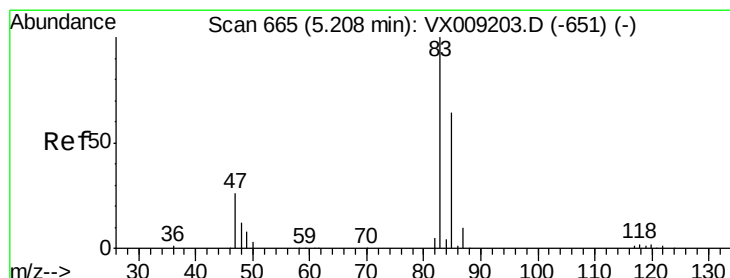
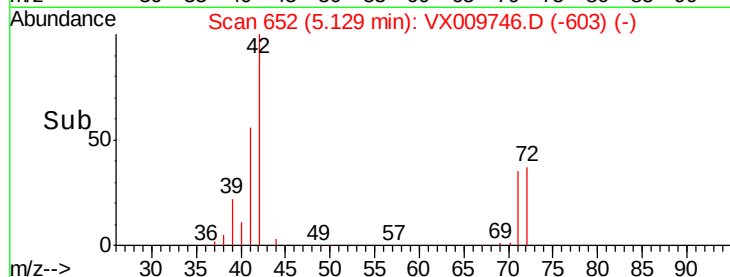
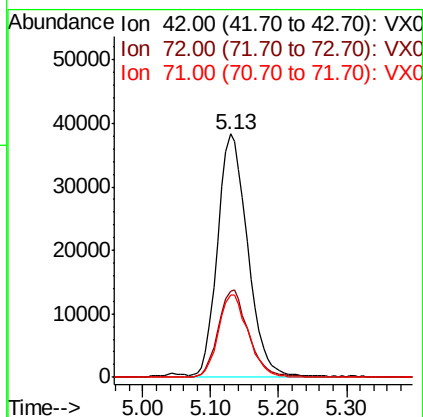
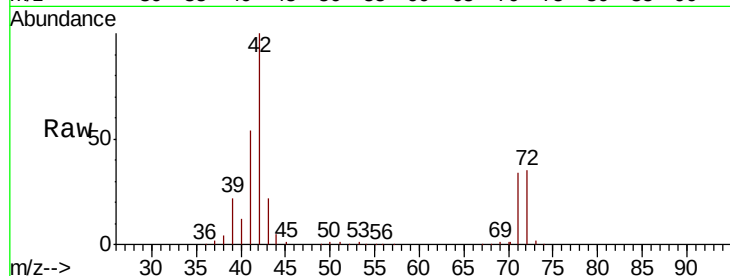




#29
Tetrahydrofuran
Concen: 97.500 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

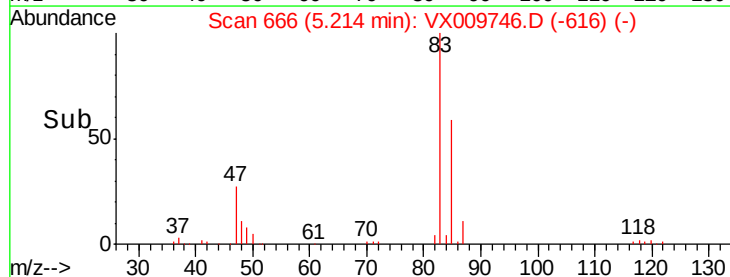
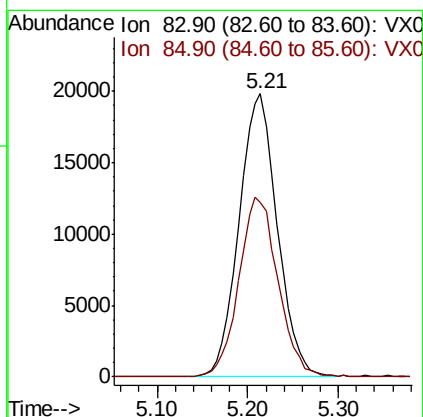
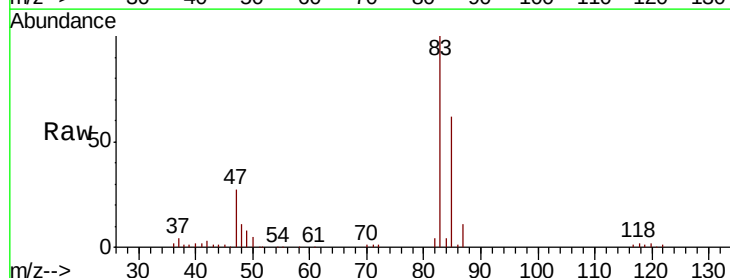
Instrument :
MSVOA_X
ClientSampled :
VX0521WBS01

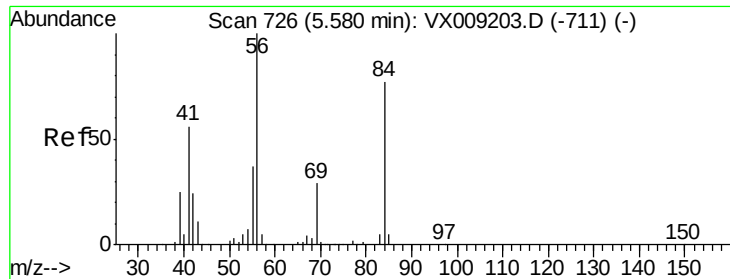
Tot Ion: 42 Resp: 116674
Ion Ratio Lower Upper
42 100
72 36.6 30.4 45.6
71 34.0 28.6 43.0



#30
Chloroform
Concen: 18.088 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 83 Resp: 57936
Ion Ratio Lower Upper
83 100
85 61.6 51.5 77.3

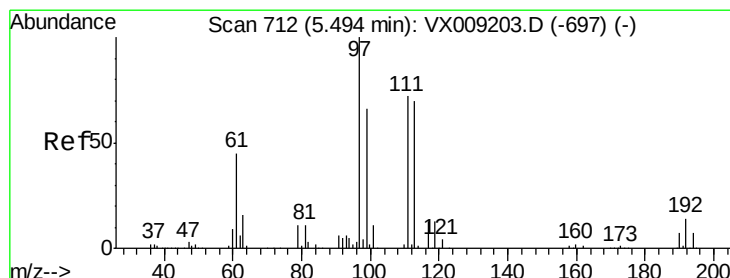
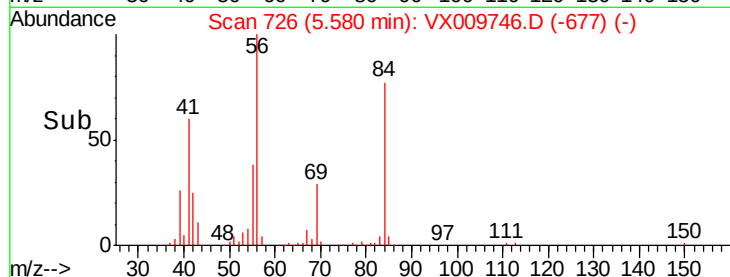
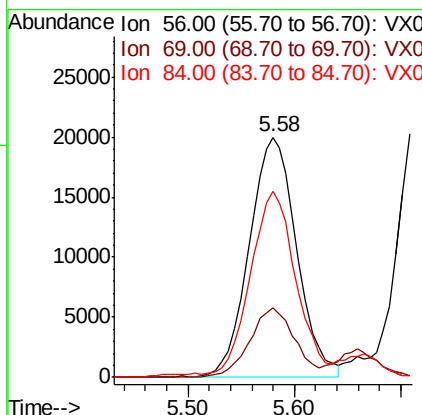
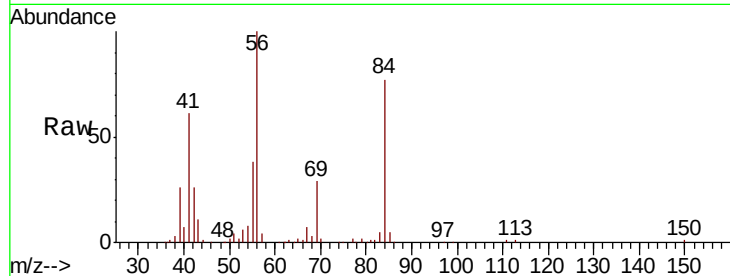




#31
Cyclohexane
Concen: 18.693 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

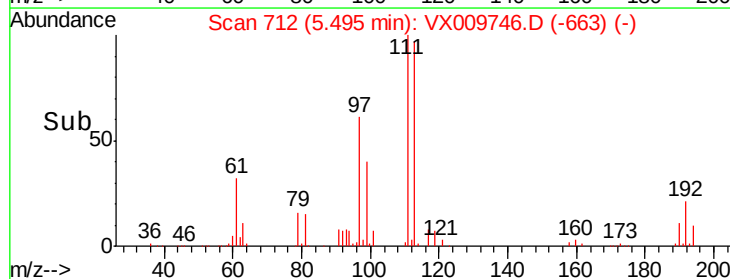
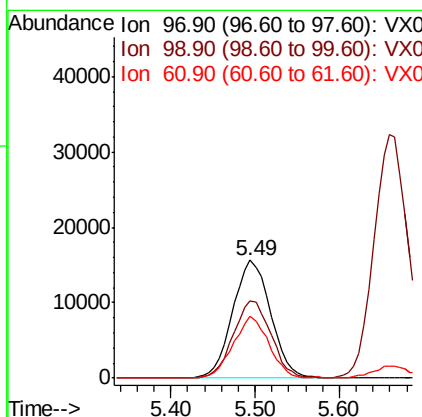
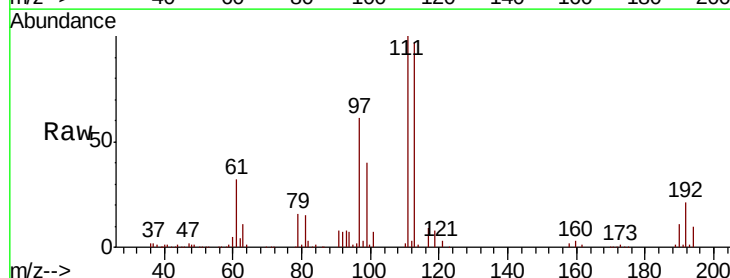
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

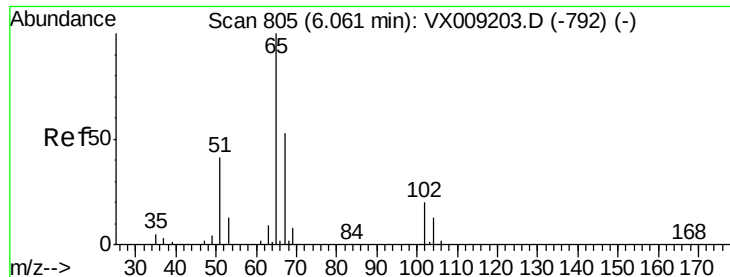
Tot Ion	56	Resp	61593
Ion Ratio	Lower	Upper	
56	100		
69	29.0	23.4	35.0
84	76.5	61.9	92.9



#32
1,1,1-Trichloroethane
Concen: 17.930 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion	97	Resp	47810
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.8	77.8
61	49.6	37.8	56.8

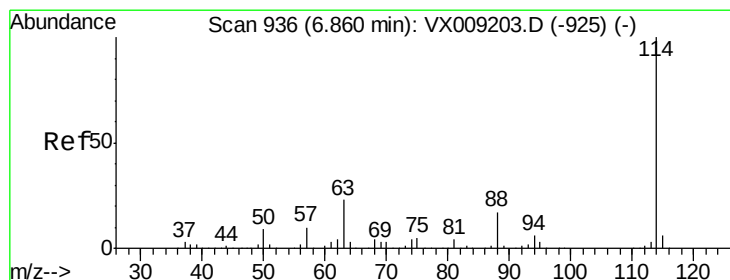
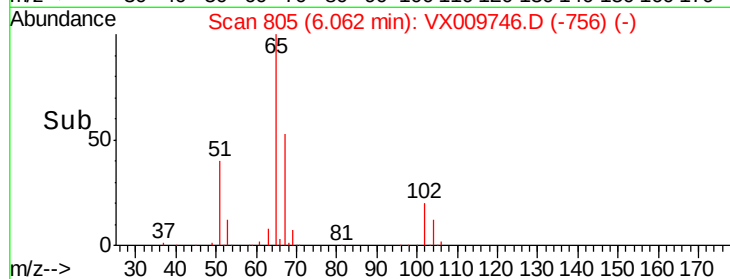
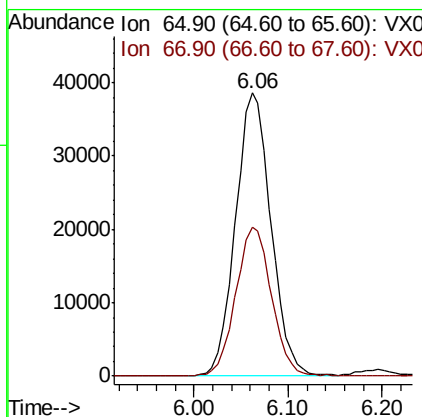
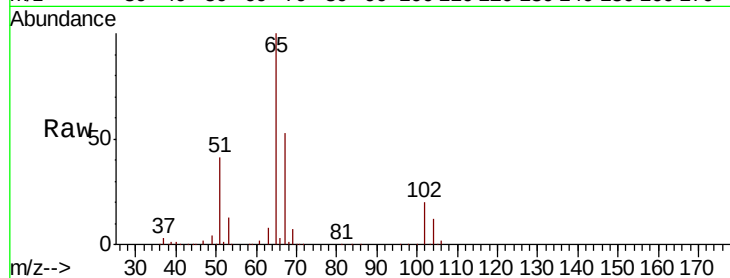




#33
 1,2-Dichloroethane-d4
 Concen: 45.330 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

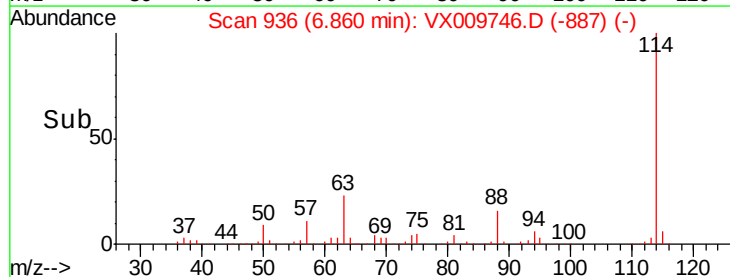
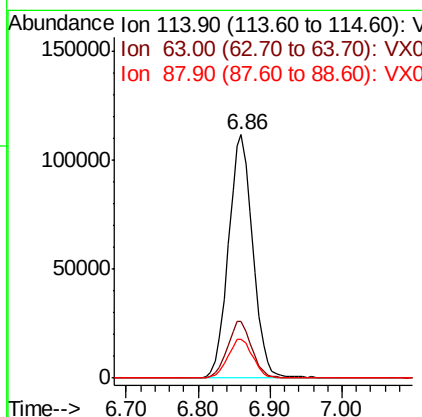
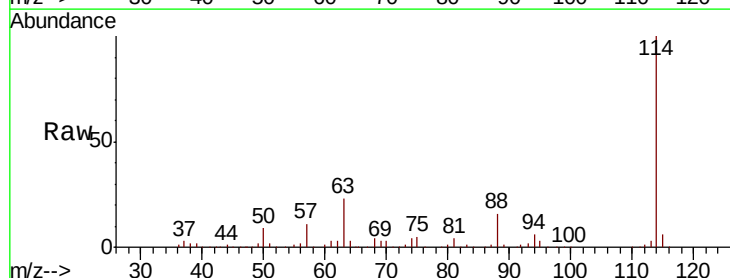
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

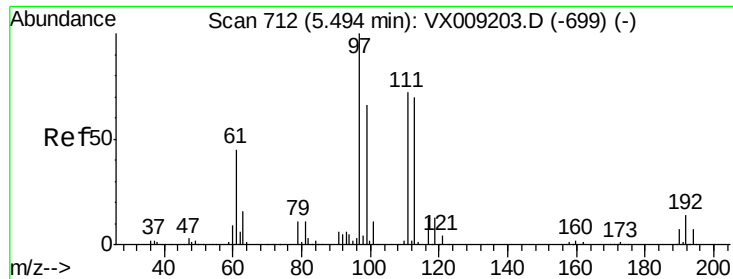
Tot Ion: 65 Resp: 101025
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion: 114 Resp: 262081
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.2 0.0 33.2

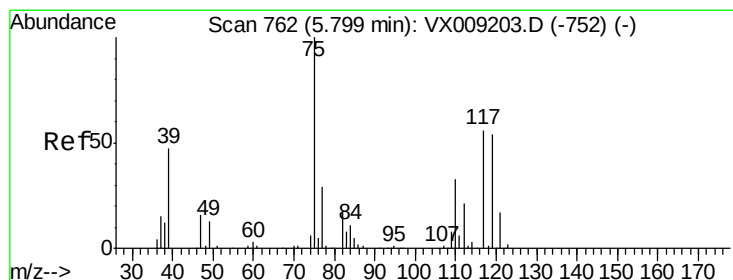
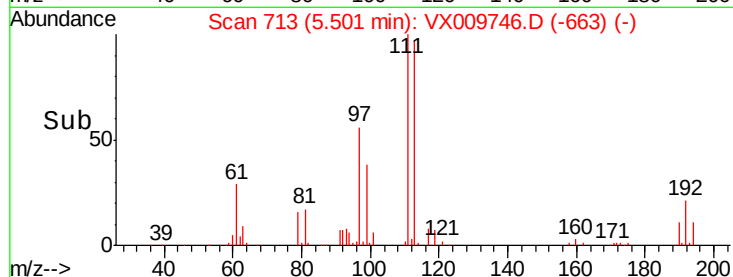
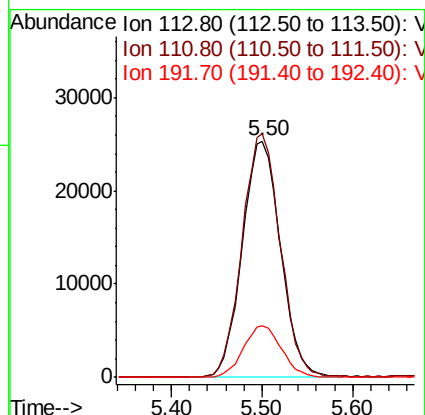
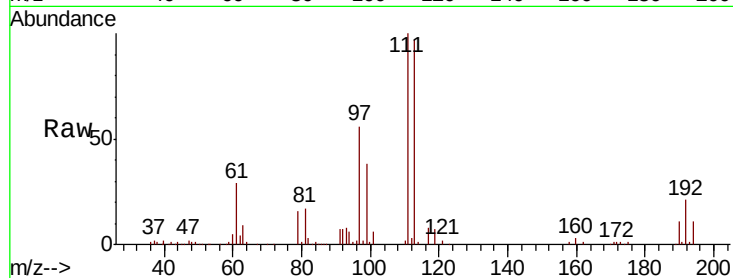




#35
 Dibromofluoromethane
 Concen: 45.026 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

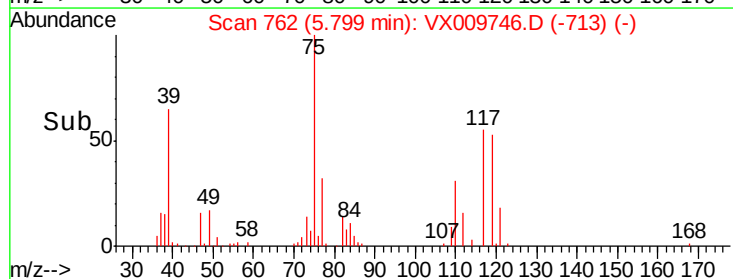
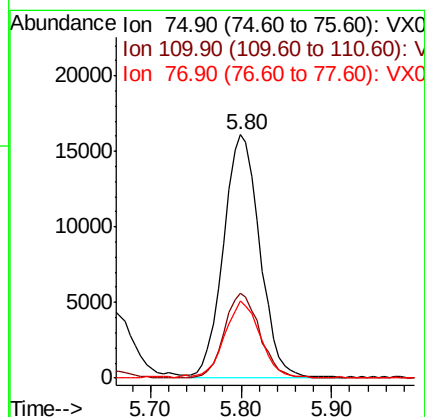
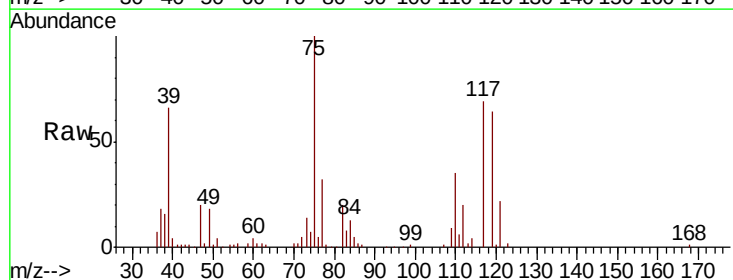
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

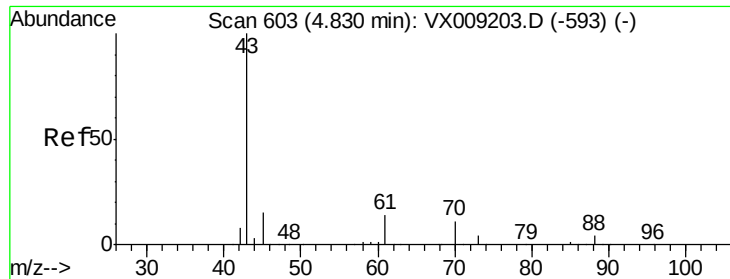
Tot Ion:113 Resp: 74183
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.361 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion: 75 Resp: 44720
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.9 50.6
 77 31.4 24.8 37.2

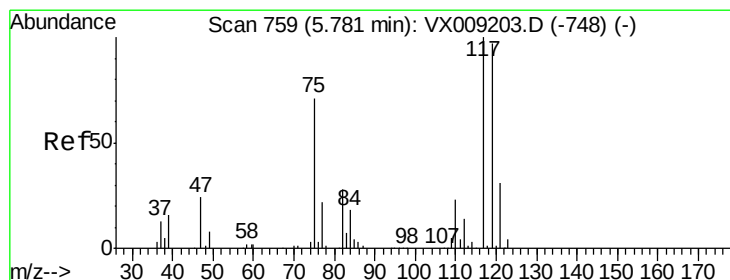
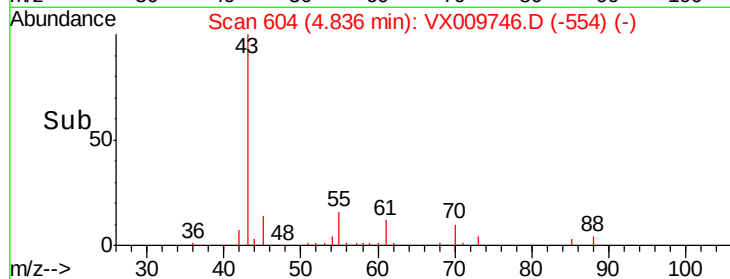
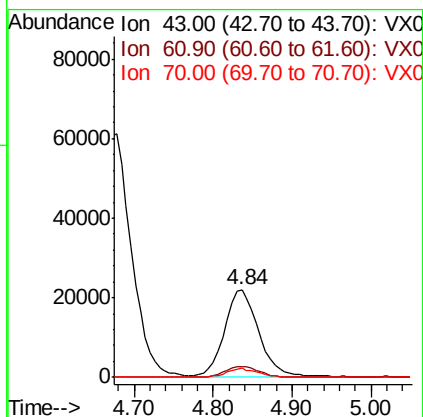
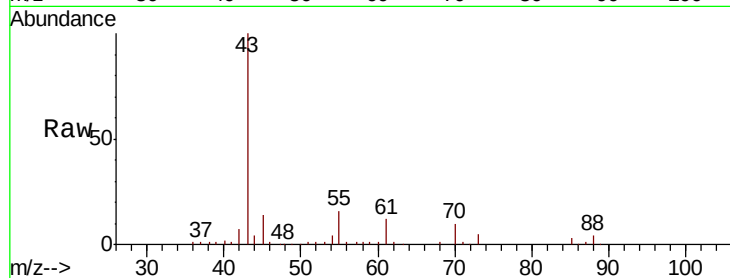




#37
Ethyl Acetate
Concen: 19.253 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

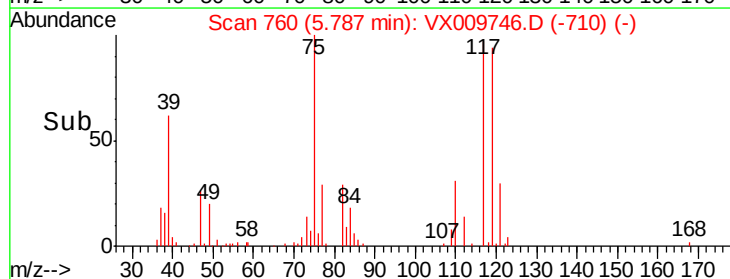
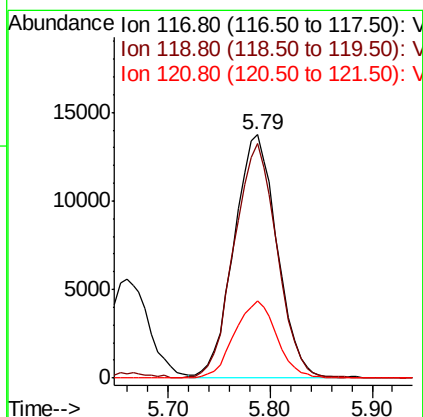
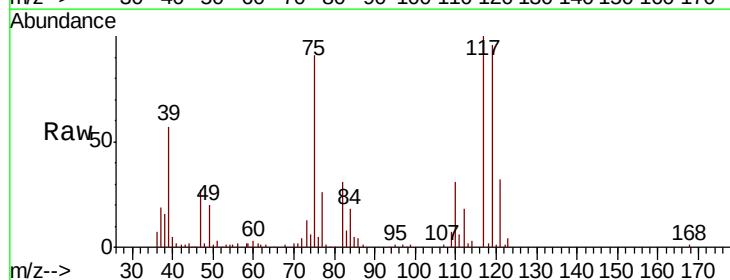
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

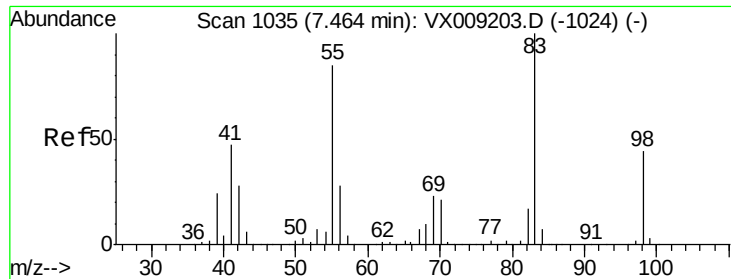
Tot Ion: 43 Resp: 65333
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.237 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 117 Resp: 40356
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
121 31.7 24.7 37.1

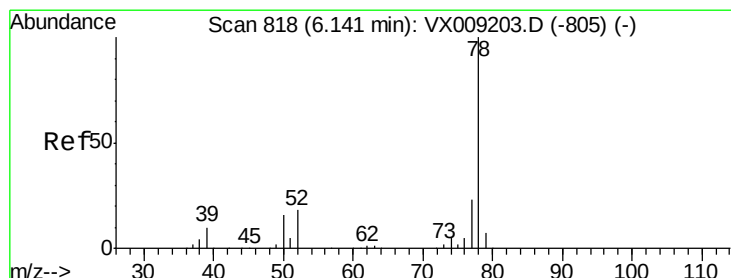
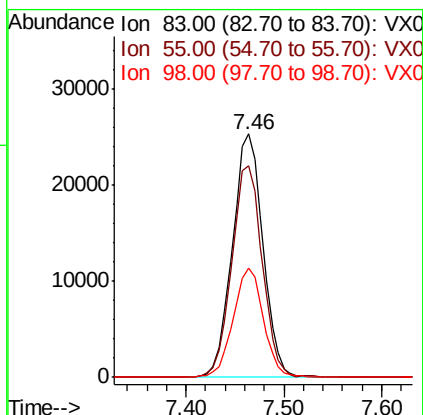
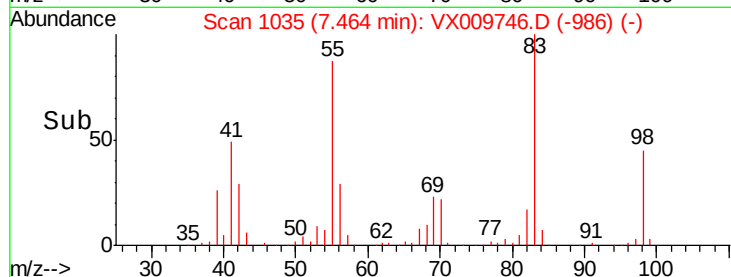
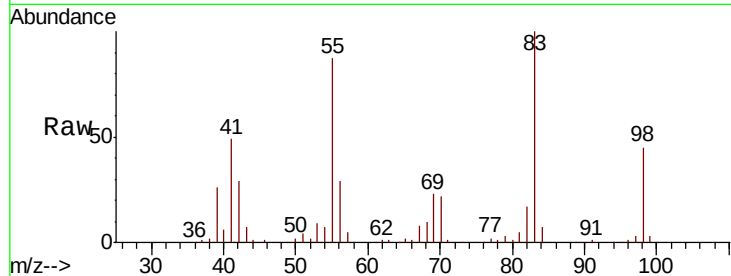




#39
Methylvlcyclohexane
Concen: 18.389 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

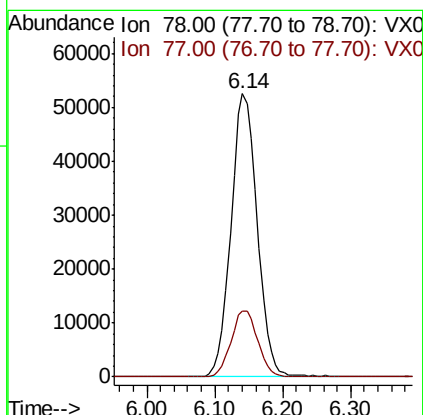
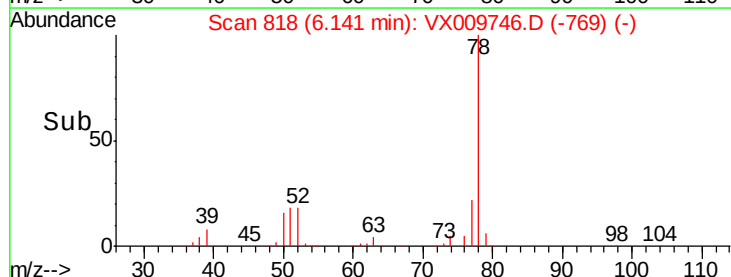
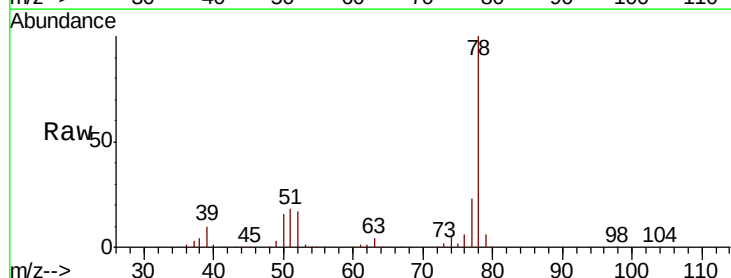
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

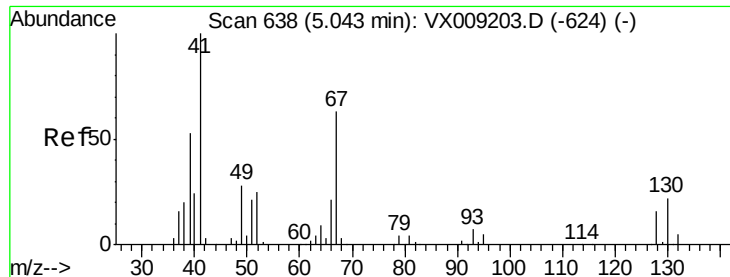
Tot Ion: 83 Resp: 55002
Ion Ratio Lower Upper
83 100
55 87.0 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 18.663 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 78 Resp: 140678
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

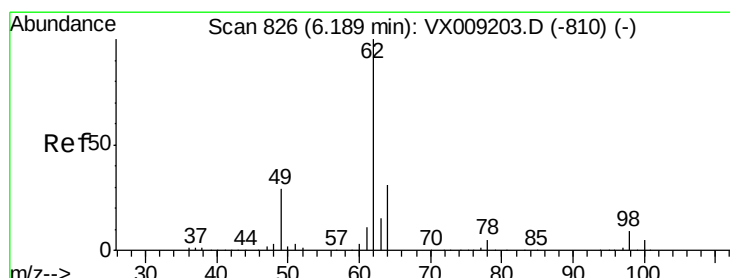
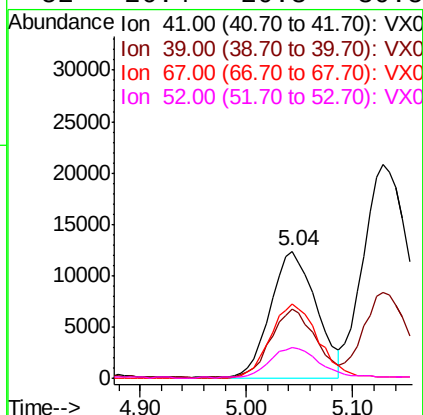
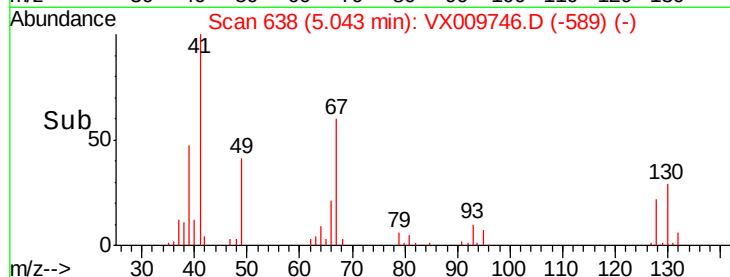
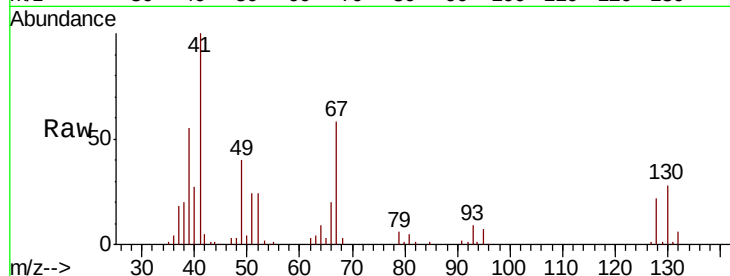




#41
Methacrylonitrile
Concen: 18.116 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

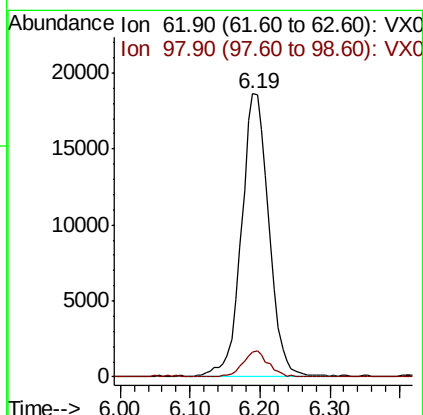
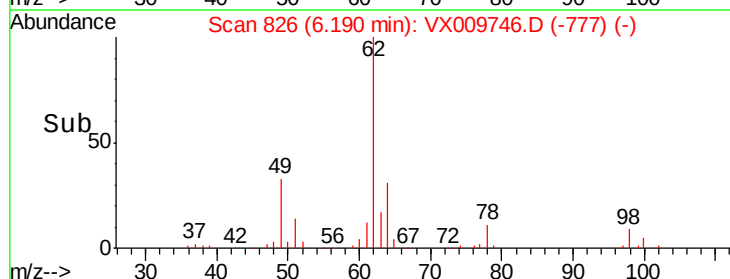
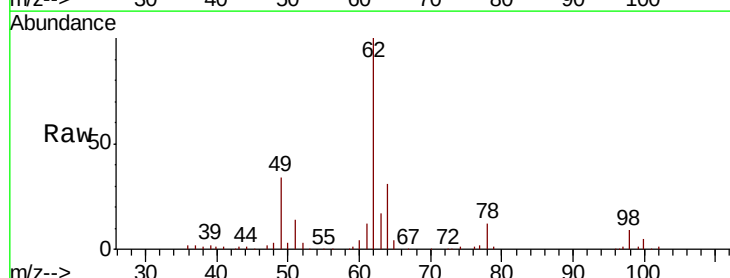
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

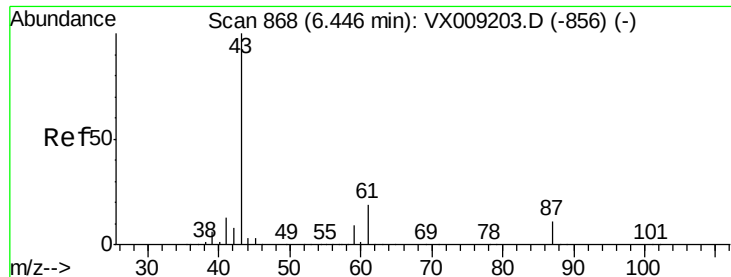
Tot Ion:	41	Resp:	36595
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.0	63.0
67	61.9	49.8	74.8
52	26.4	20.3	30.5



#42
1,2-Dichloroethane
Concen: 18.582 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion:	62	Resp:	50244
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



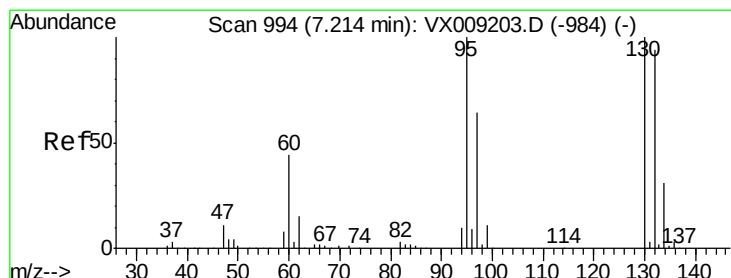
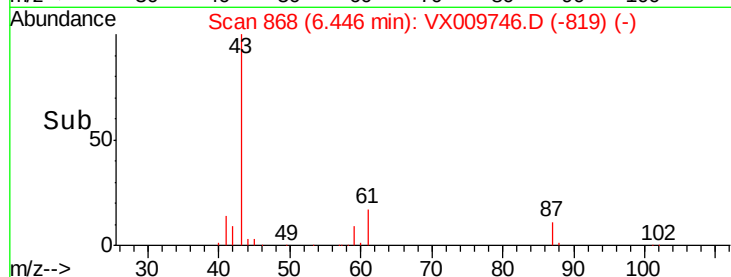
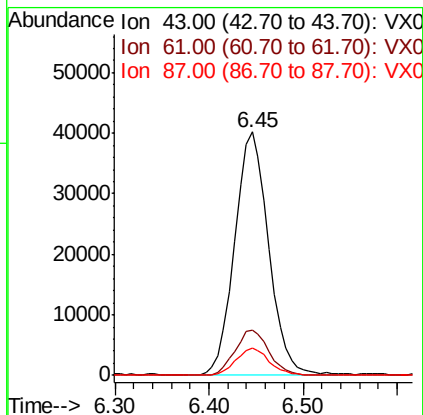
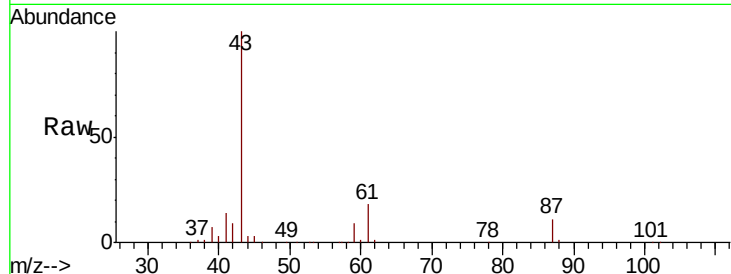


#43

Isopropyl Acetate
 Concen: 18.558 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0521WBS01

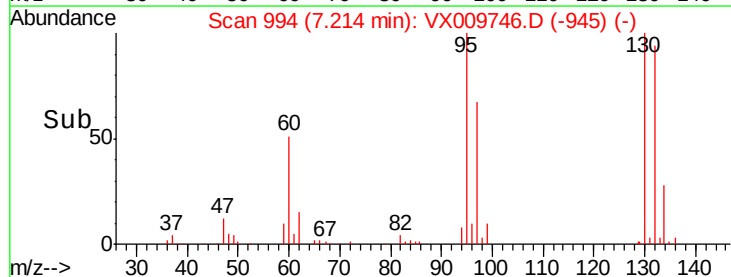
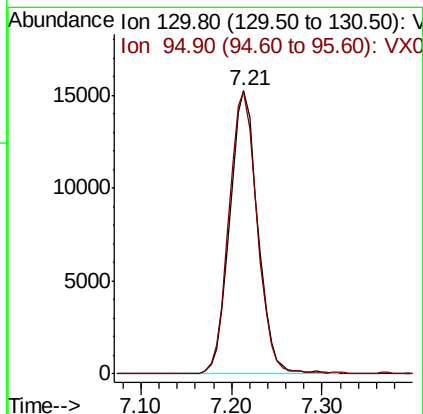
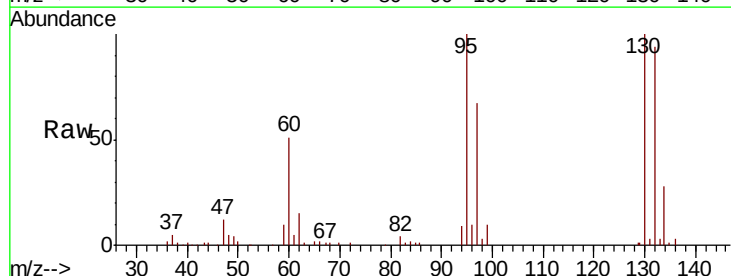
Tot Ion: 43 Resp: 100732
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.1 22.7
 87 11.1 9.0 13.6

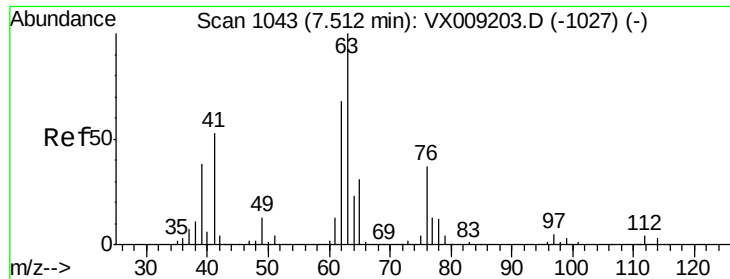


#44

Trichloroethene
 Concen: 17.880 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion:130 Resp: 32581
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 199.2

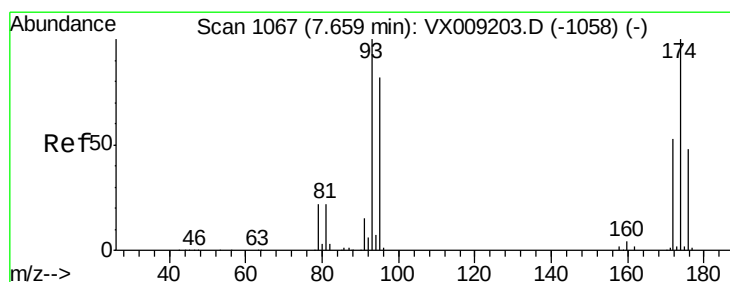
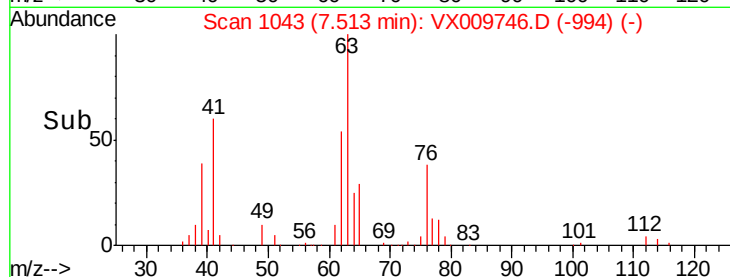
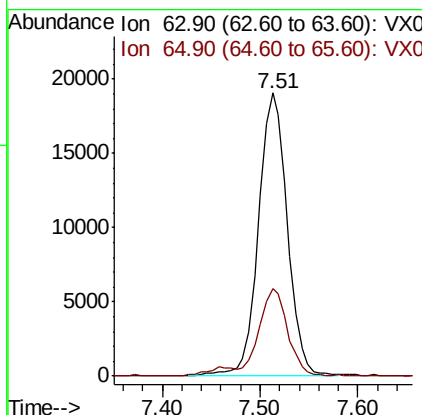
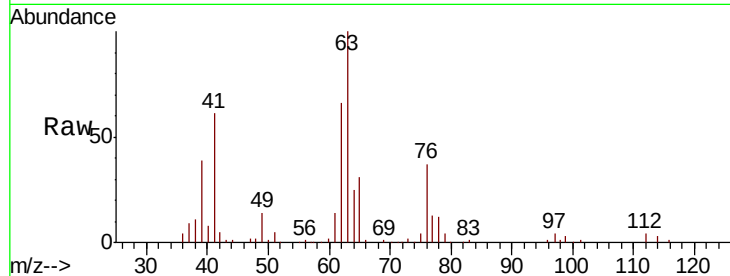




#45
 1,2-Dichloropropane
 Concen: 18.475 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

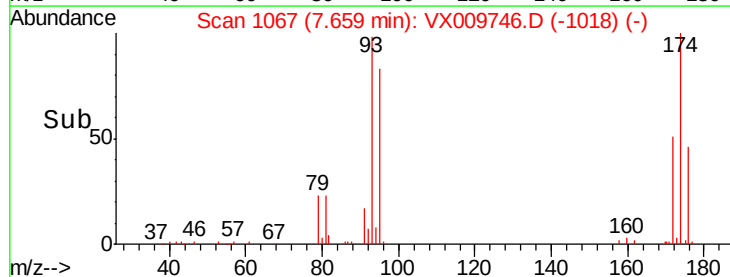
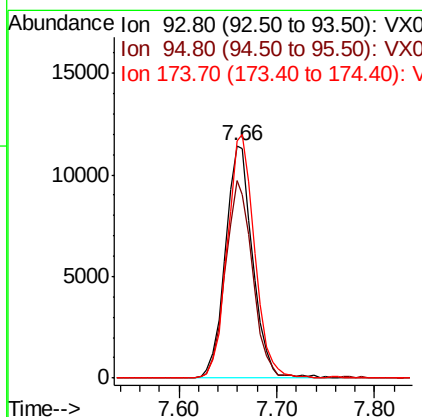
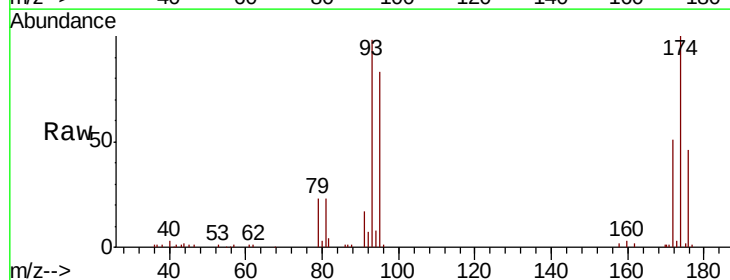
Instrument :
 MSVOA_X
 ClientSampled :
 VX0521WBS01

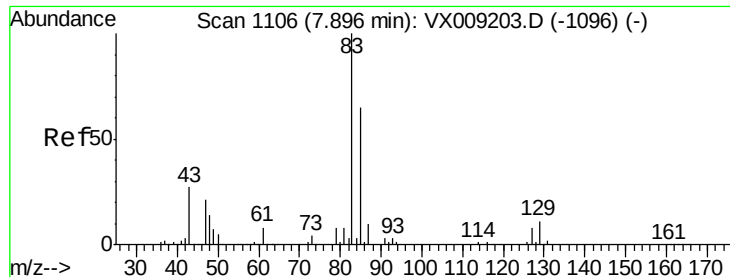
Tot Ion: 63 Resp: 39432
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 17.826 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion: 93 Resp: 22094
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.5 99.7
 174 104.7 82.1 123.1





#47

Bromodichloromethane

Concen: 17.826 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

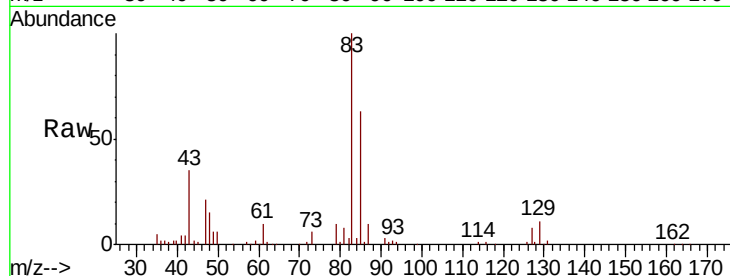
Tot Ion: 83 Resp: 44071

Ion Ratio Lower Upper

83 100

85 62.9 52.4 78.6

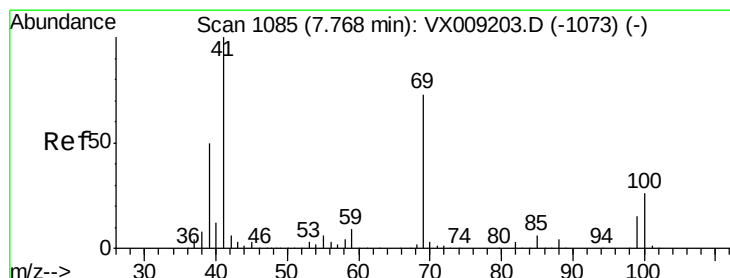
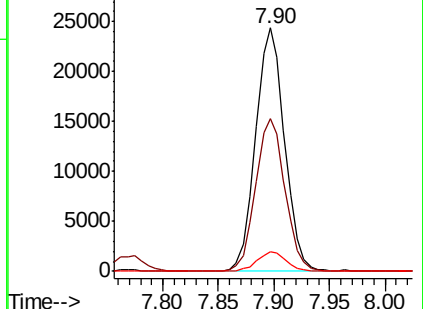
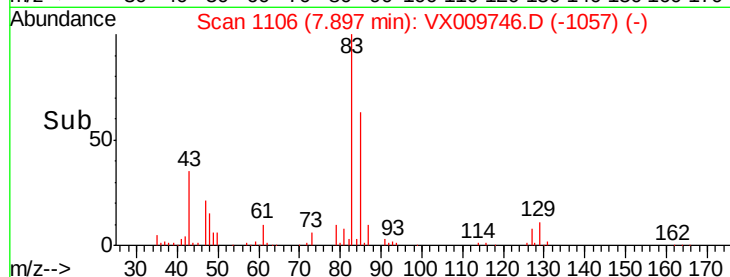
127 8.2 6.6 10.0



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: 18.638 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

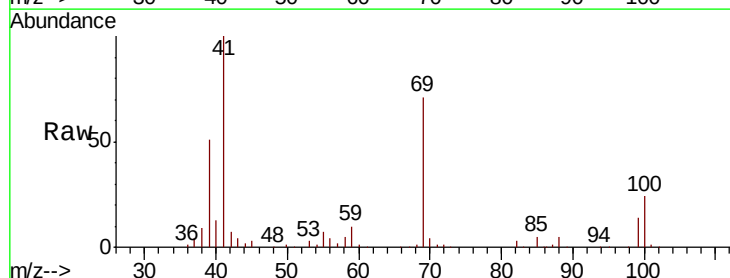
Tgt Ion: 41 Resp: 50191

Ion Ratio Lower Upper

41 100

69 72.9 59.1 88.7

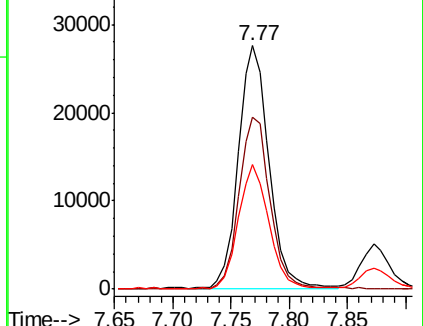
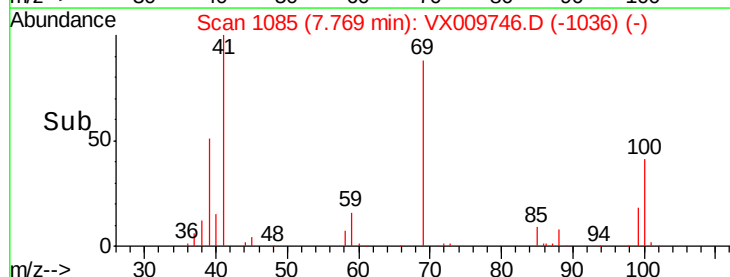
39 50.8 40.4 60.6

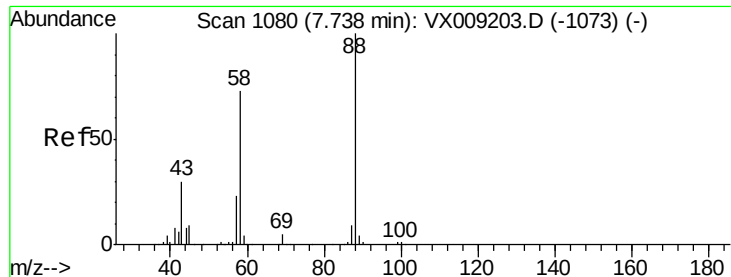


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

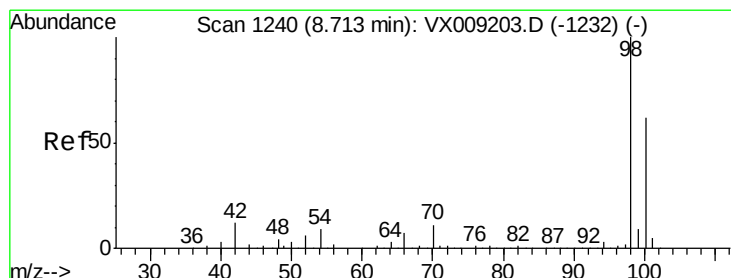
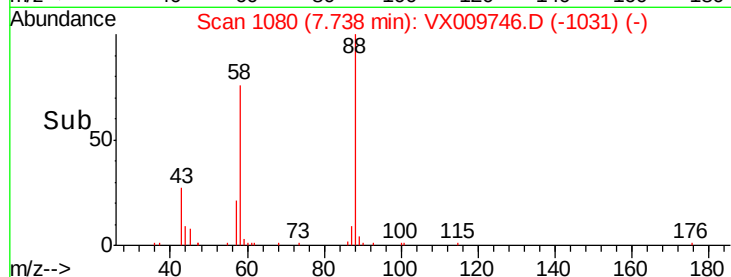
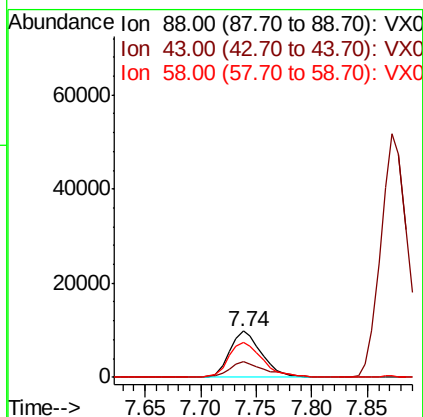
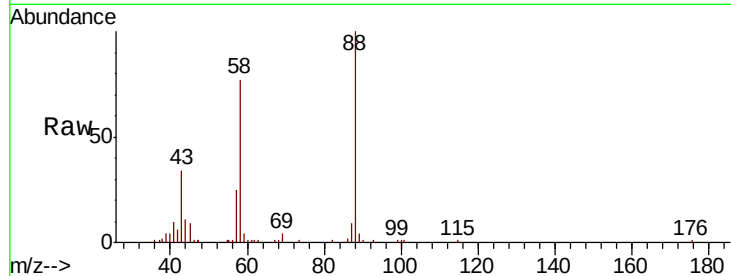




#49
1,4-Dioxane
Concen: 359.860 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

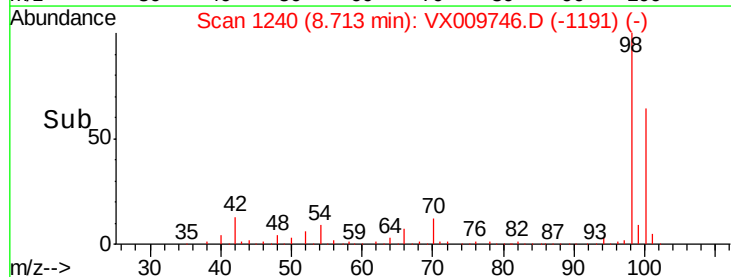
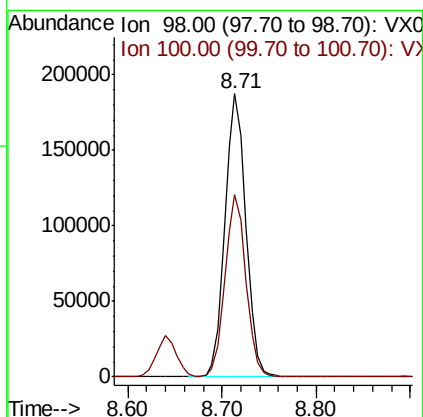
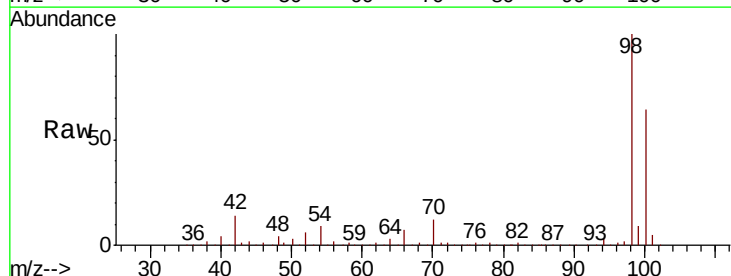
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

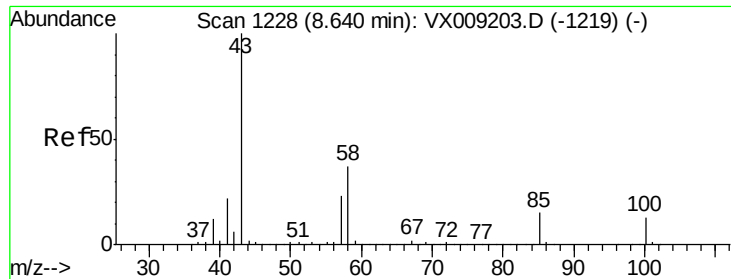
Tot Ion: 88 Resp: 19653
Ion Ratio Lower Upper
88 100
43 37.5 28.6 42.8
58 80.5 61.7 92.5



#50
Toluene-d8
Concen: 43.395 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 98 Resp: 288641
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 96.019 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

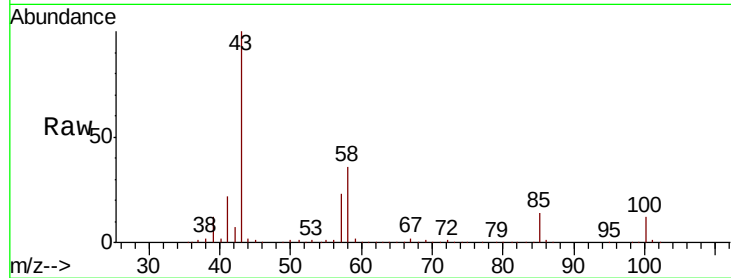
VX0521WBS01

Tot Ion: 43 Resp: 340662

Ion Ratio Lower Upper

43 100

58 36.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

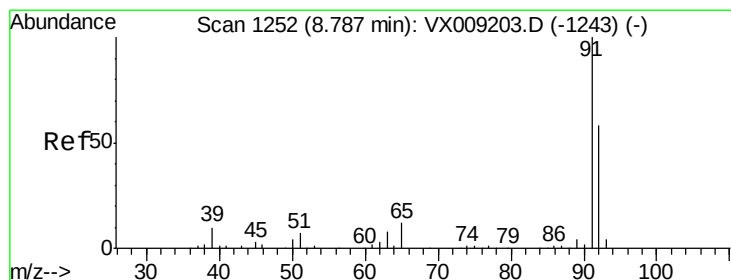
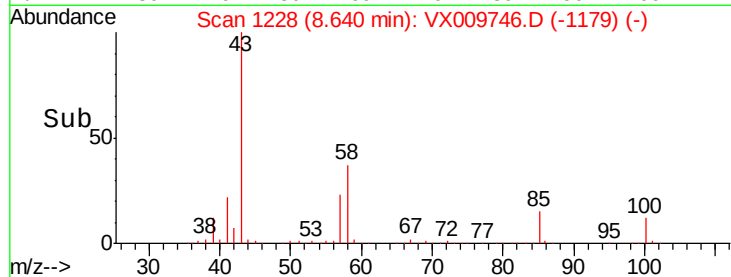
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.639 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009746.D

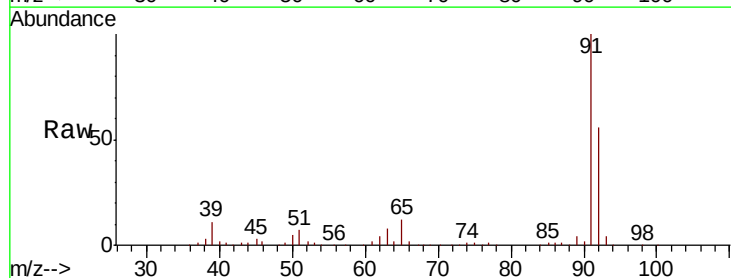
Acq: 21 May 2019 14:37

Tgt Ion: 92 Resp: 85404

Ion Ratio Lower Upper

92 100

91 172.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

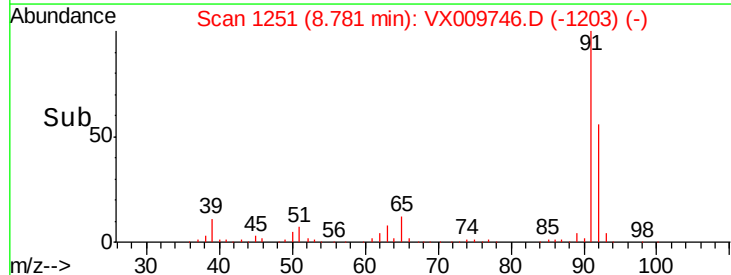
60000

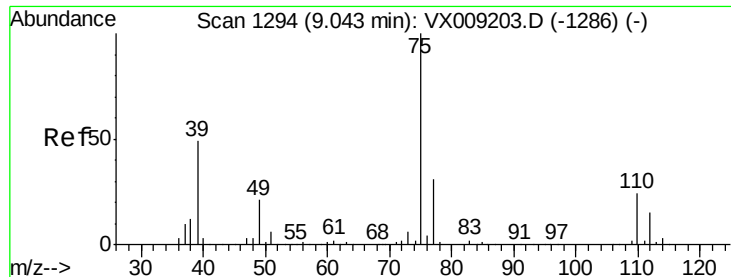
40000

20000

0

Time-->

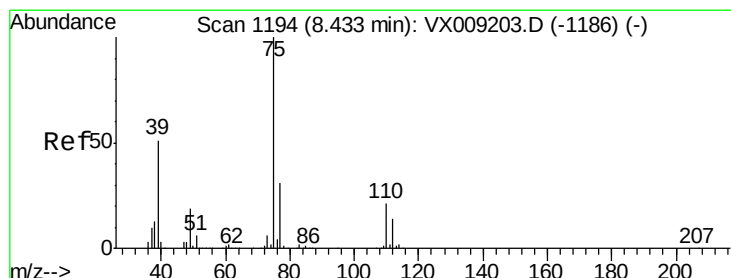
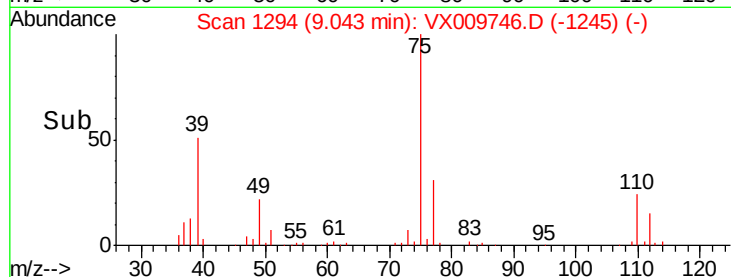
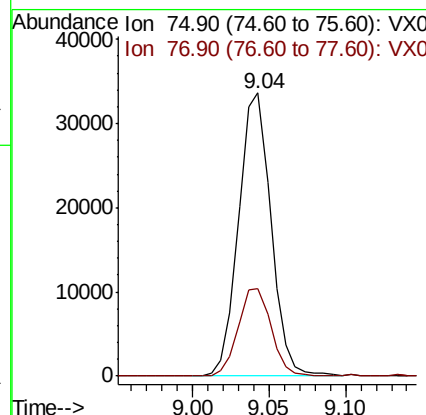
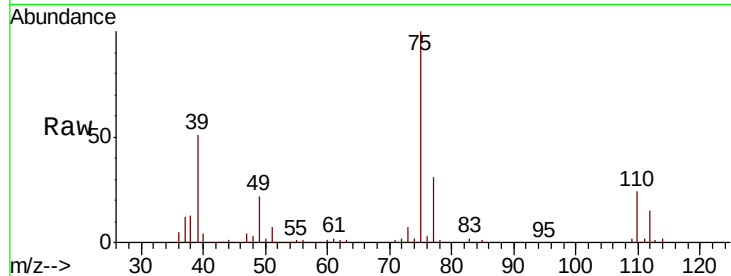




#53
t-1,3-Dichloropropene
Concen: 17.739 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

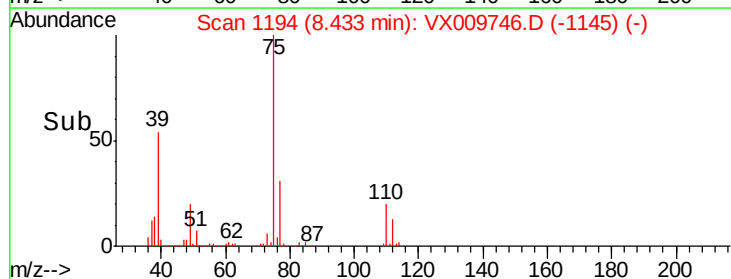
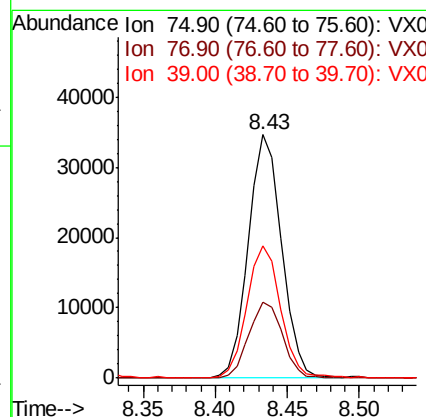
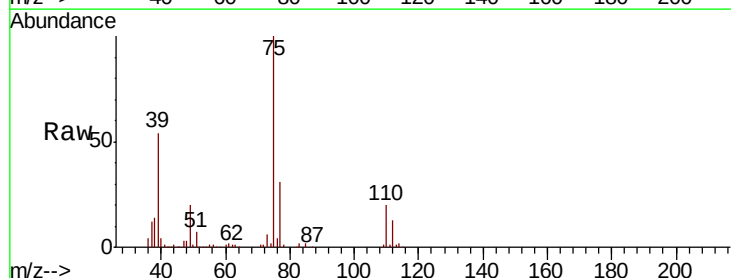
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

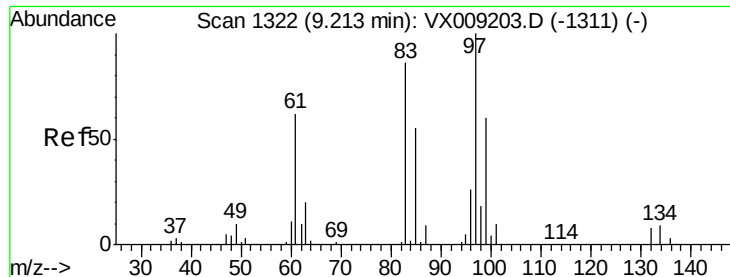
Tot Ion: 75 Resp: 49516
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.945 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 75 Resp: 55442
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 54.1 40.6 60.8

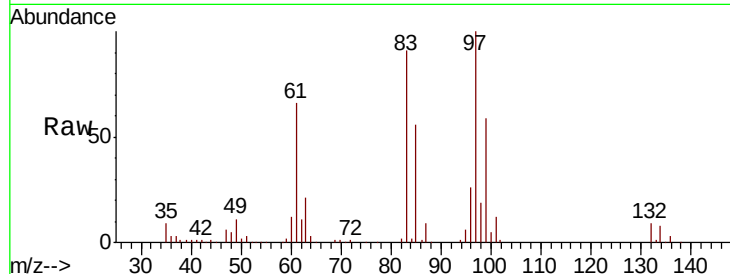




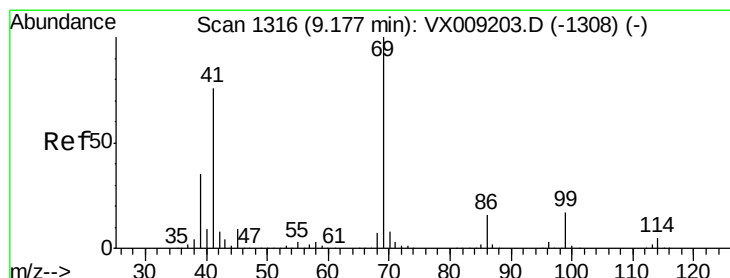
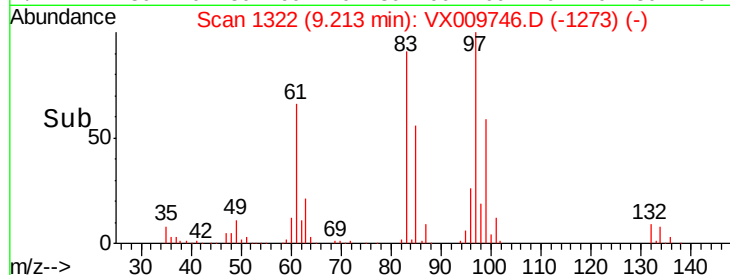
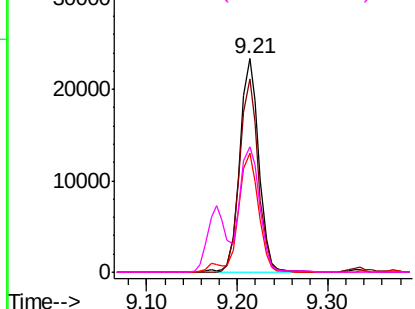
#55
 1,1,2-Trichloroethane
 Concen: 18.213 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion:	97	Resp:	34046
Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.9	103.3
85	55.7	43.8	65.6
99	59.0	48.2	72.2

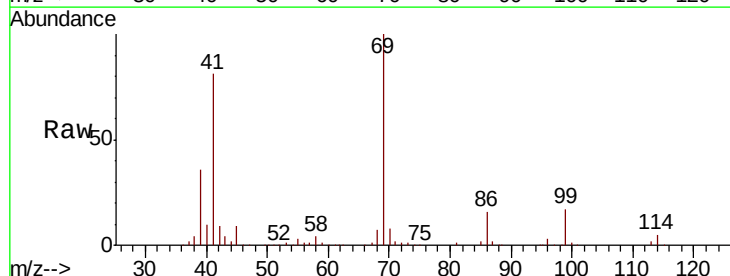


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

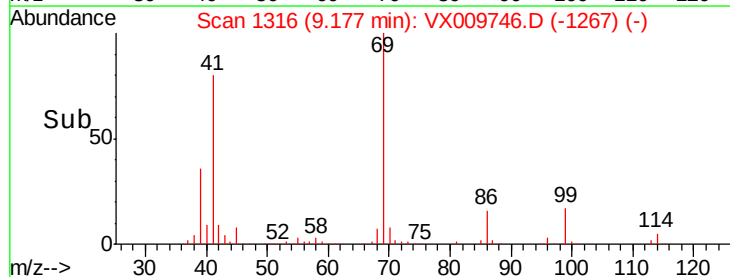
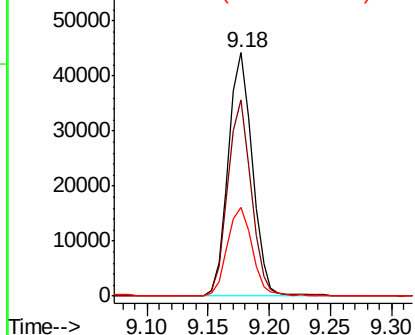


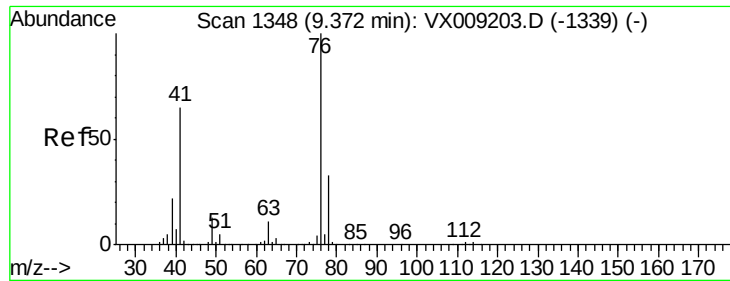
#56
 Ethyl methacrylate
 Concen: 18.176 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion:	69	Resp:	60649
Ion	Ratio	Lower	Upper
69	100		
41	78.6	60.6	90.8
39	37.7	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 18.167 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

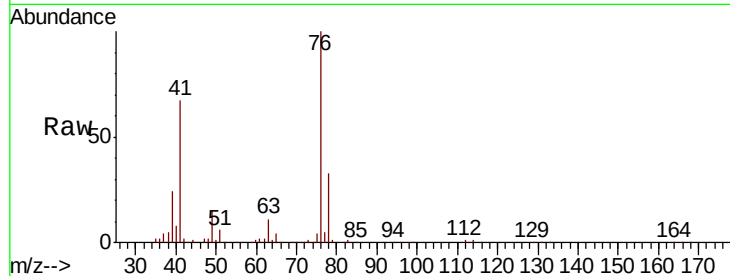
VX0521WBS01

Tot Ion: 76 Resp: 59760

Ion Ratio Lower Upper

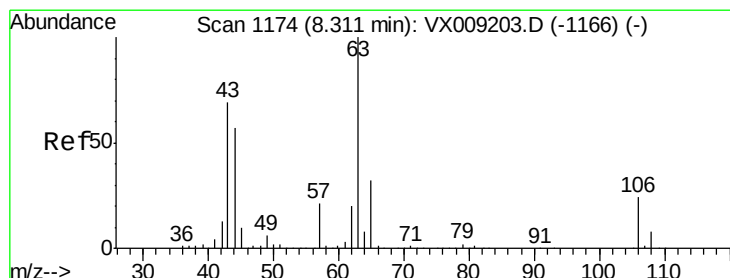
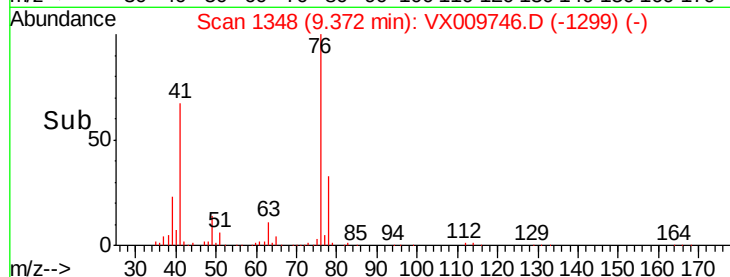
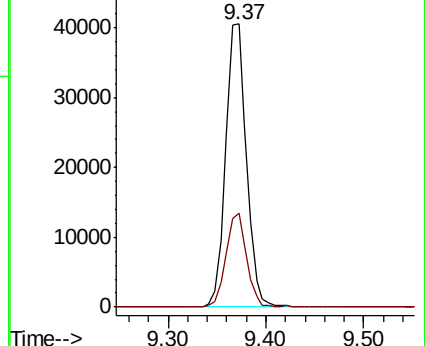
76 100

78 32.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.078 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009746.D

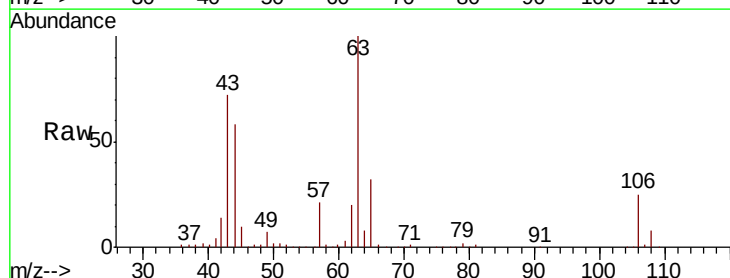
Acq: 21 May 2019 14:37

Tgt Ion: 63 Resp: 162993

Ion Ratio Lower Upper

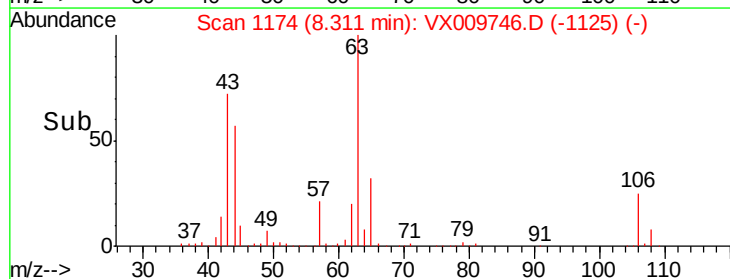
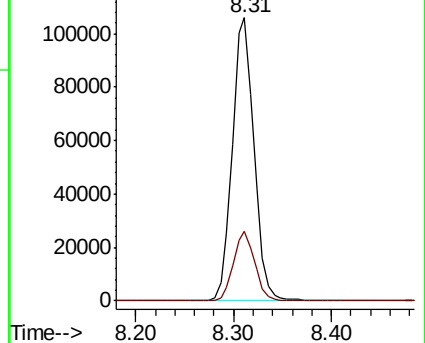
63 100

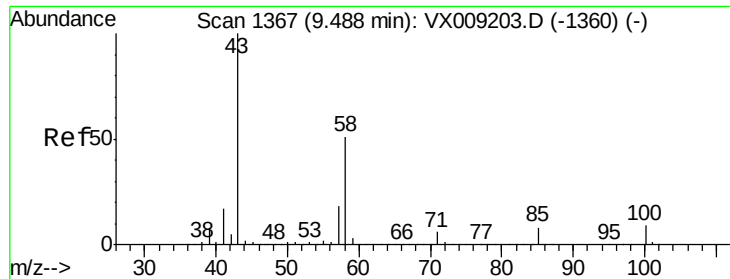
106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

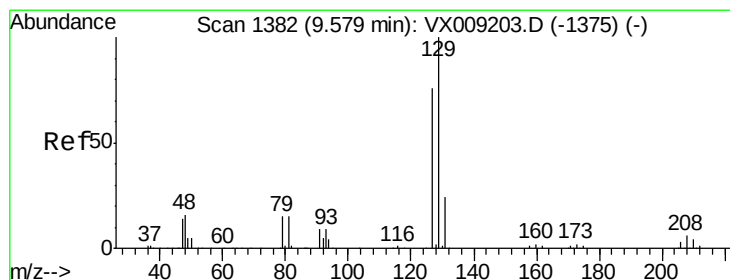
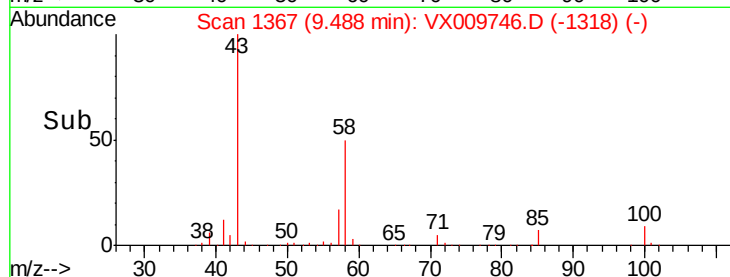
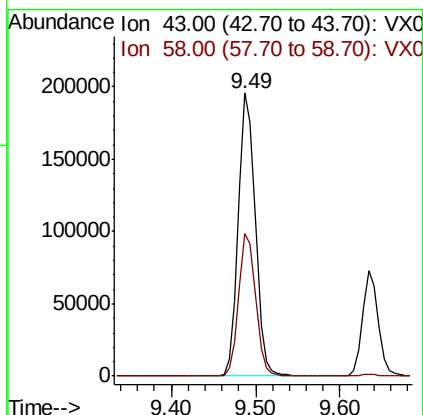
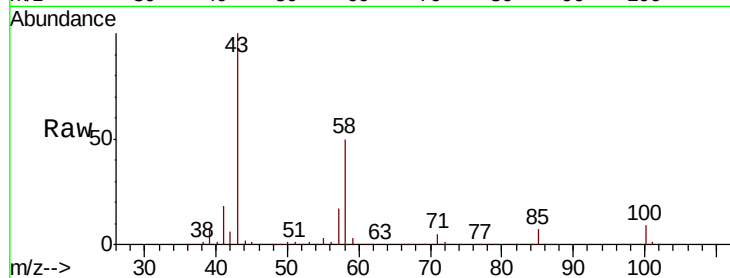




#59
2-Hexanone
Concen: 94.861 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

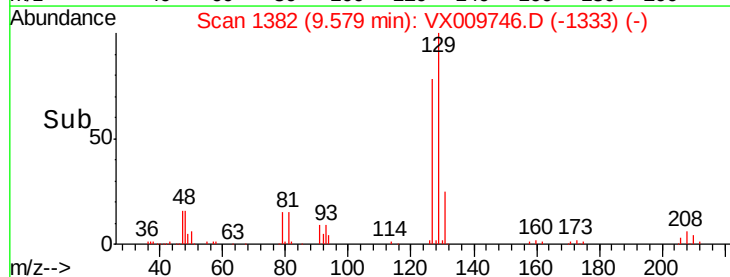
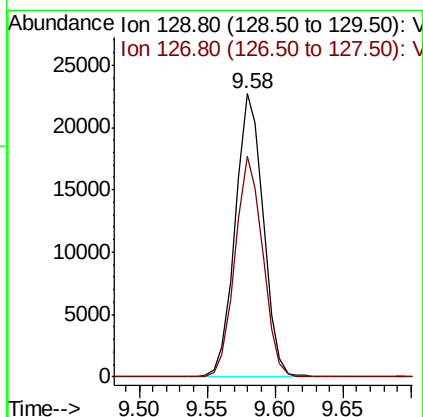
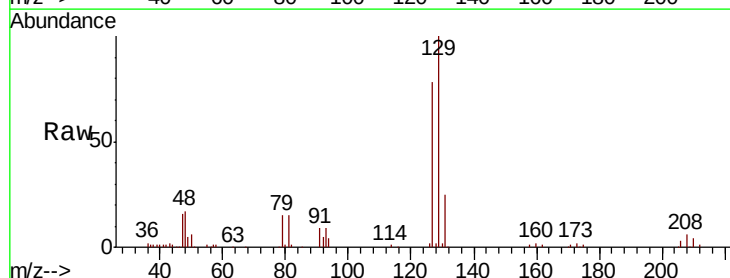
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

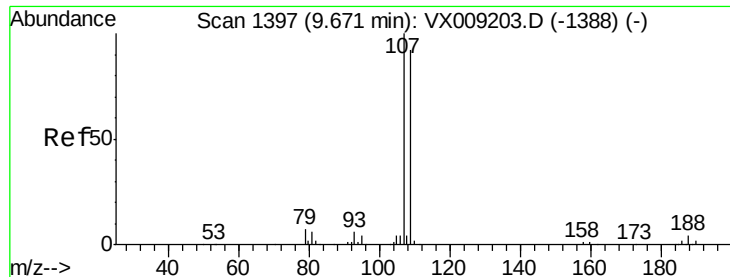
Tot Ion: 43 Resp: 264325
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.7



#60
Dibromochloromethane
Concen: 17.817 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 129 Resp: 32528
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.101 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

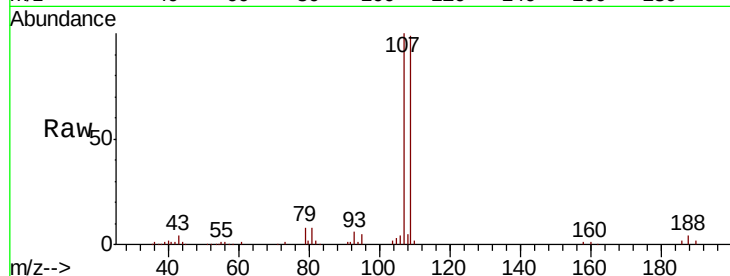
VX0521WBS01

Tot Ion:107 Resp: 34155

Ion Ratio Lower Upper

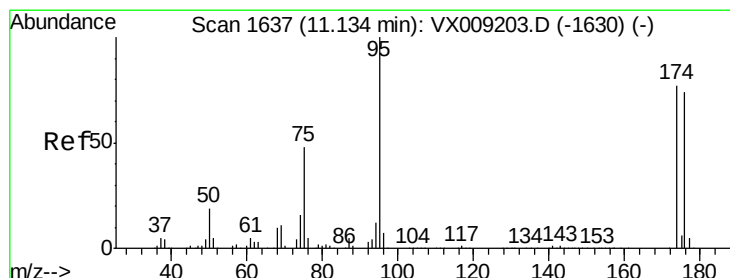
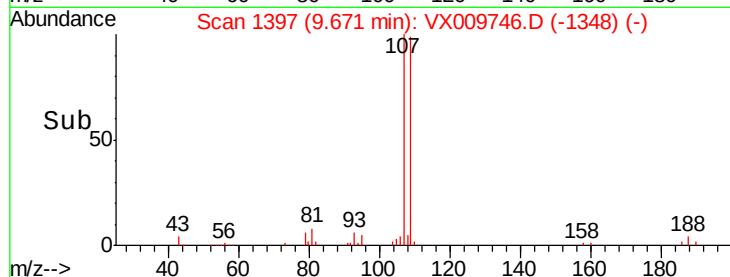
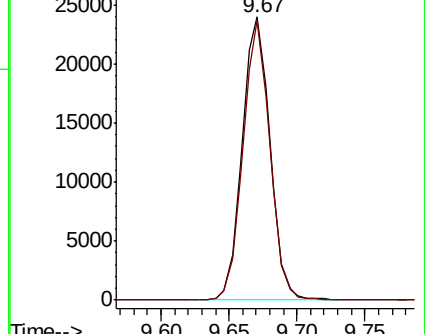
107 100

109 95.6 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: 44.174 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

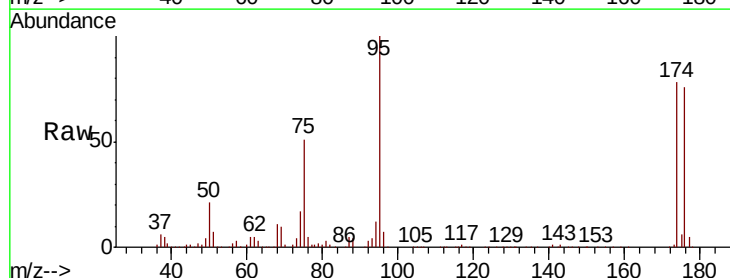
Tgt Ion: 95 Resp: 106764

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

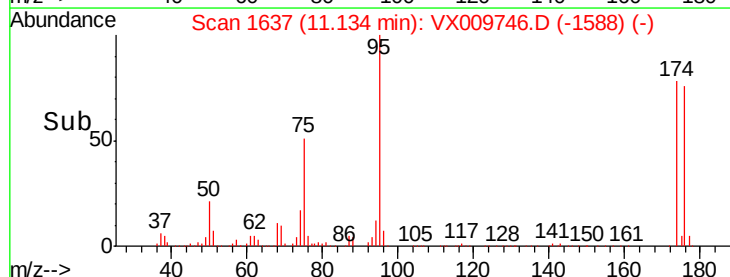
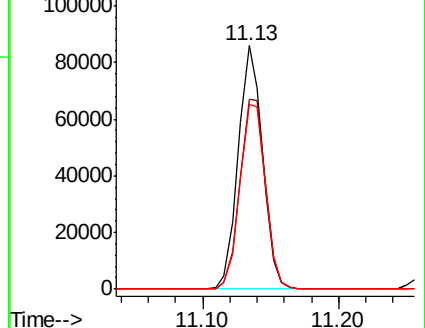
176 79.9 0.0 159.2

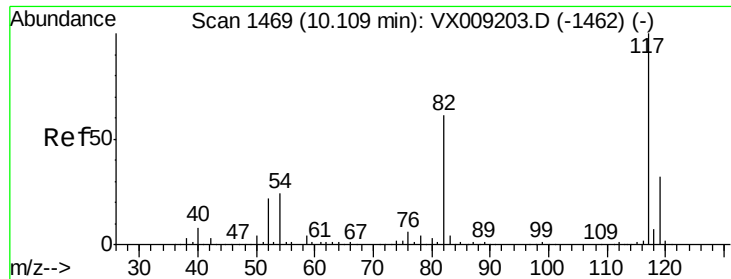


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

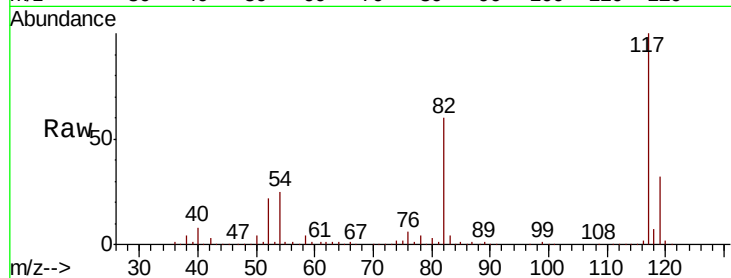




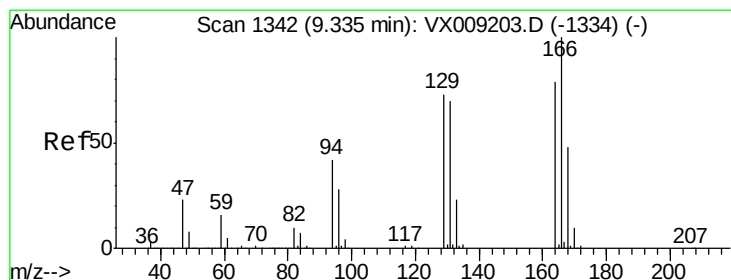
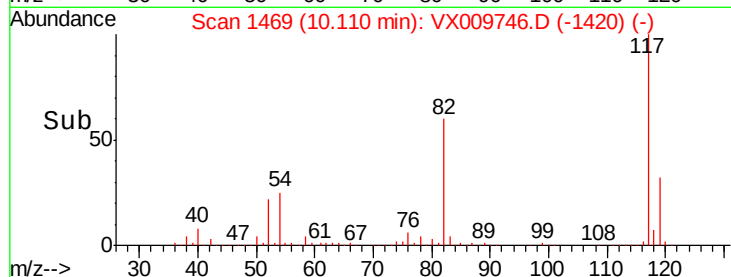
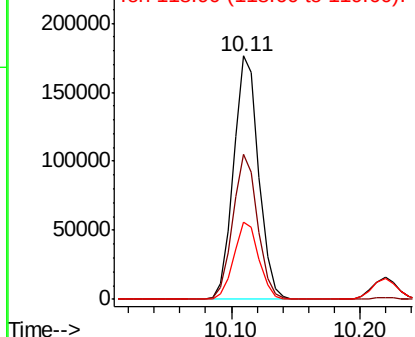
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion:117 Resp: 238924
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.9 25.8 38.6

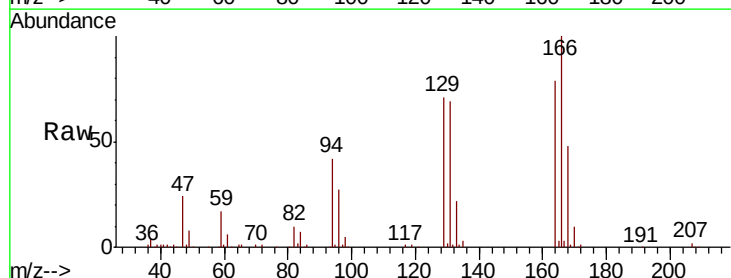


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

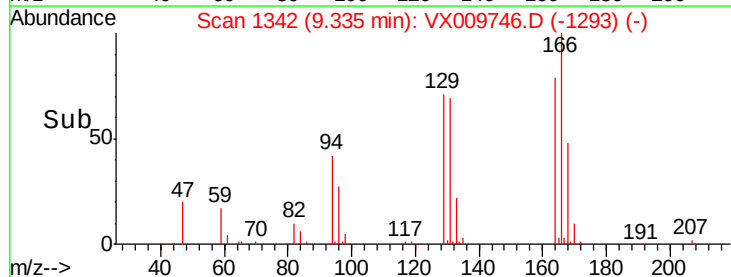
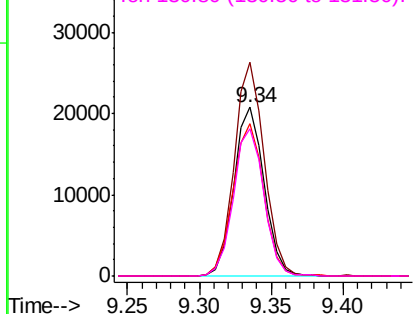


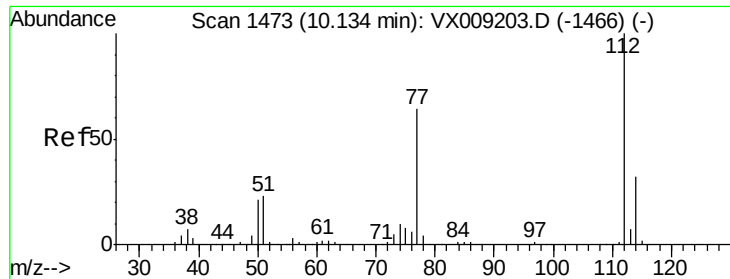
#64
Tetrachloroethene
Concen: 18.545 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion:164 Resp: 30393
Ion Ratio Lower Upper
164 100
166 126.8 101.2 151.8
129 90.6 74.3 111.5
131 87.0 71.0 106.6



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

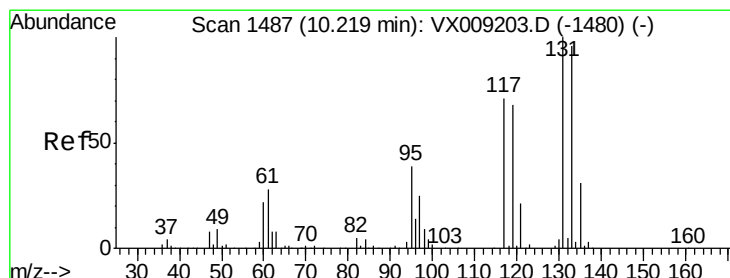
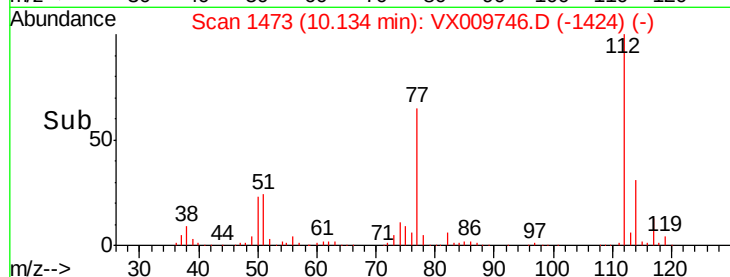
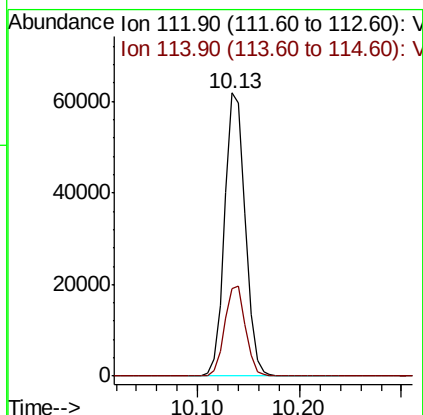
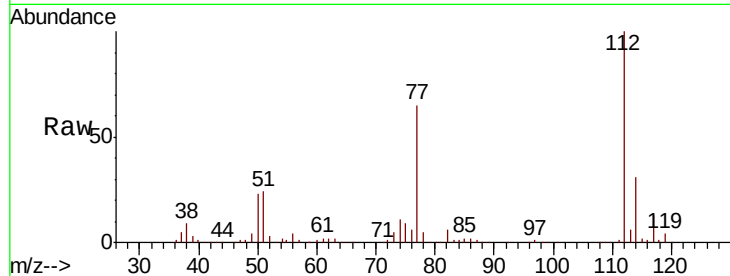




#65
Chlorobenzene
Concen: 18.092 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

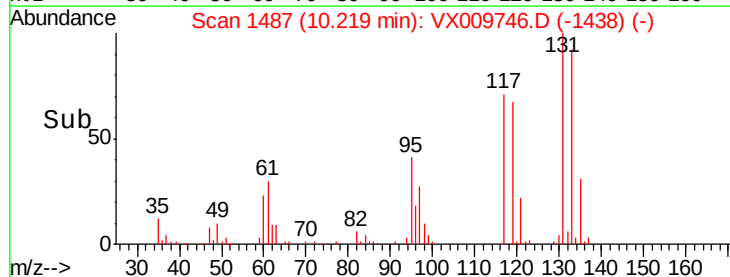
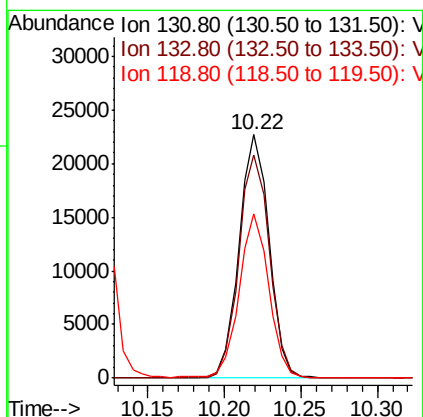
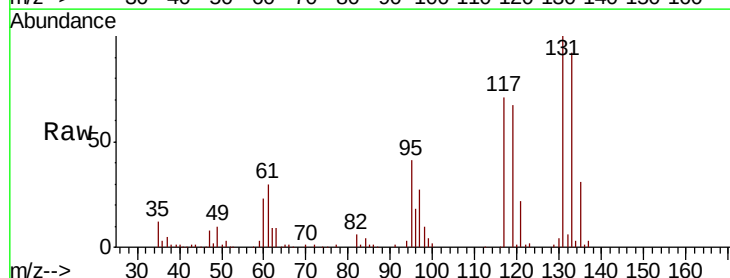
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

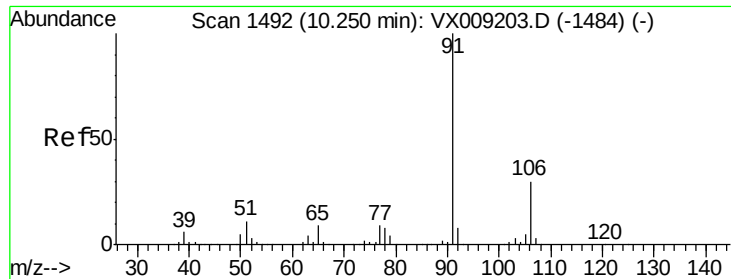
Tot Ion:112 Resp: 86473
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.813 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion:131 Resp: 30866
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 67.3 33.5 100.4

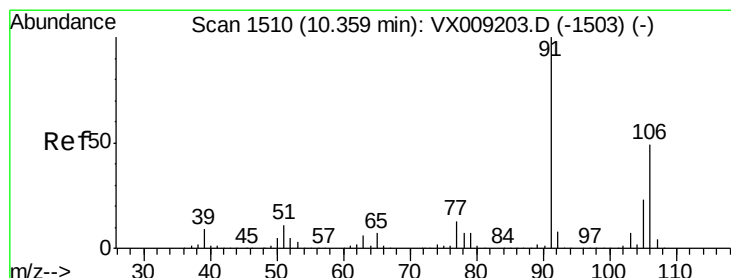
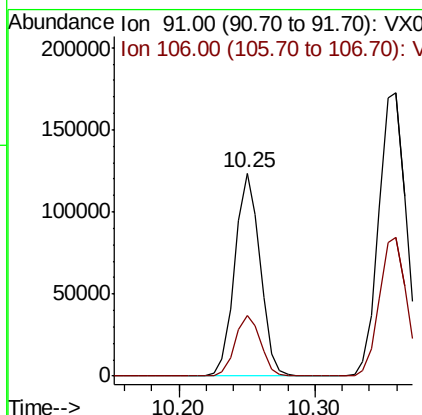
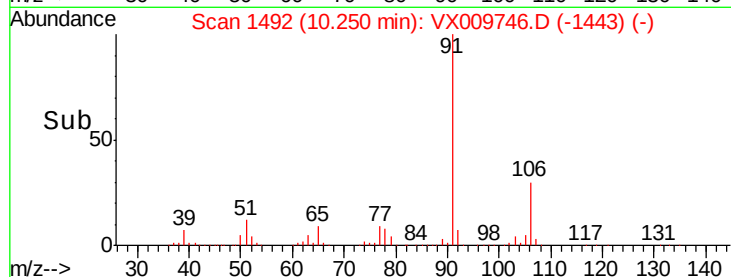
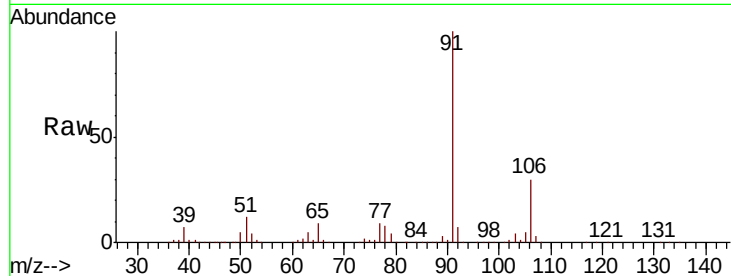




#67
Ethyl Benzene
Concen: 18.183 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

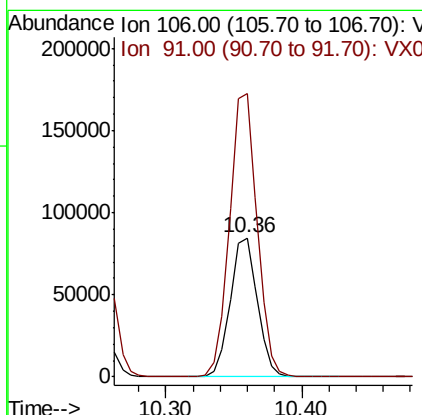
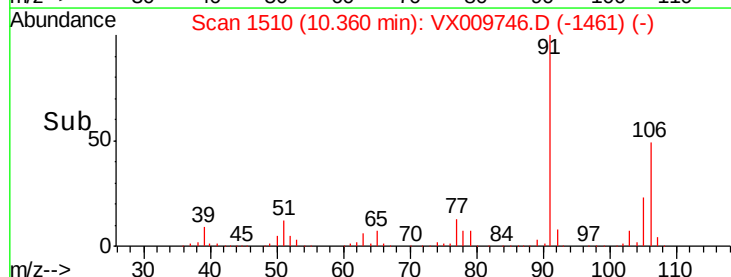
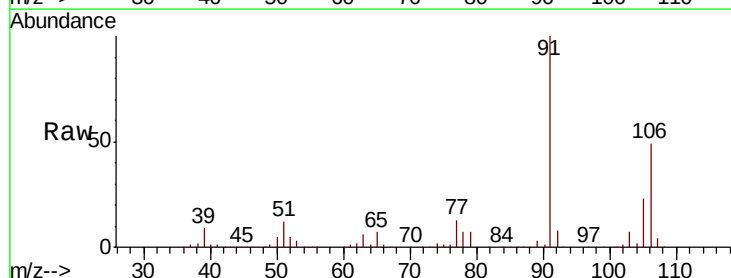
Instrument :
MSVOA_X
ClientSampled :
VX0521WBS01

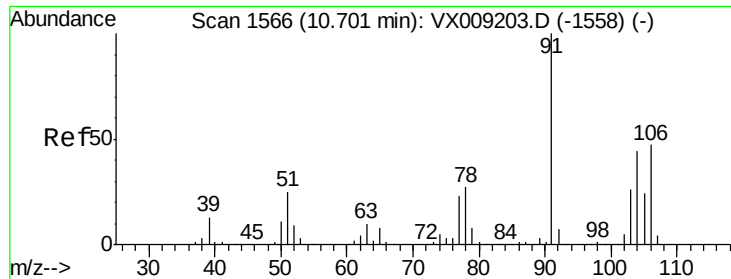
Tot Ion: 91 Resp: 159943
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0



#68
m/p-Xylenes
Concen: 36.658 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 106 Resp: 117834
Ion Ratio Lower Upper
106 100
91 206.0 164.0 246.0

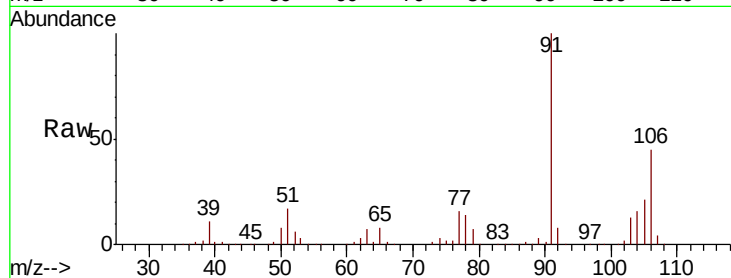




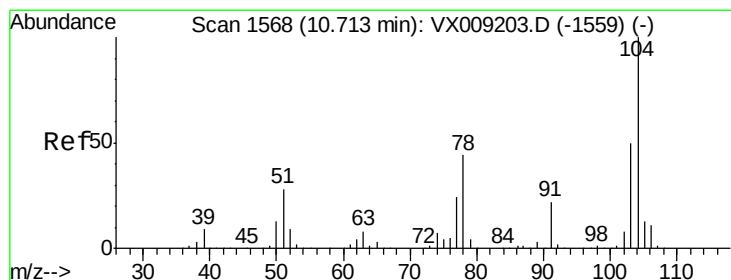
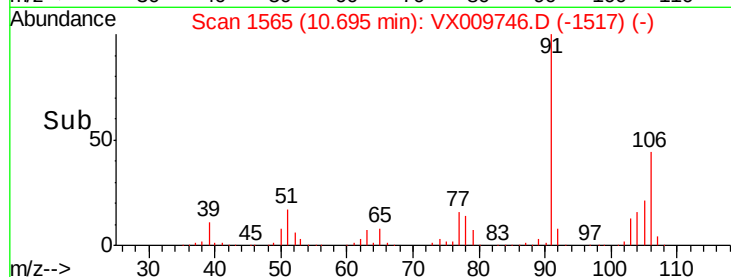
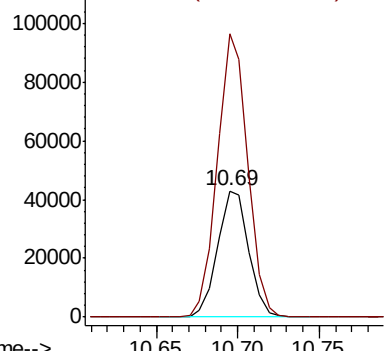
#69
o-Xylene
Concen: 18.025 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Instrument :
MSVOA_X
ClientSampled :
VX0521WBS01

Tot Ion:106 Resp: 57167
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.4

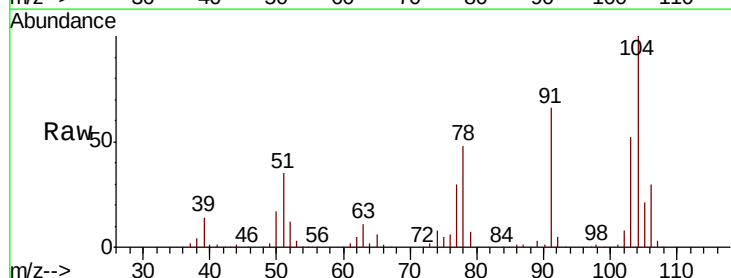


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

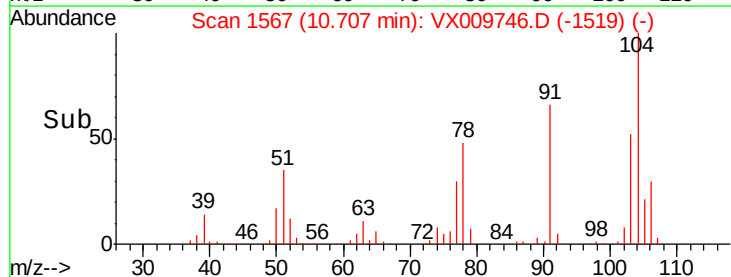
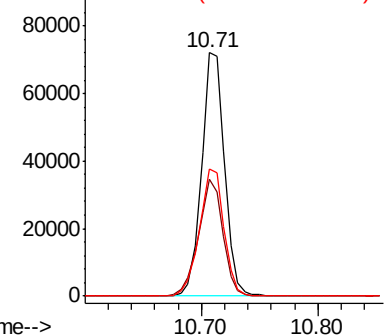


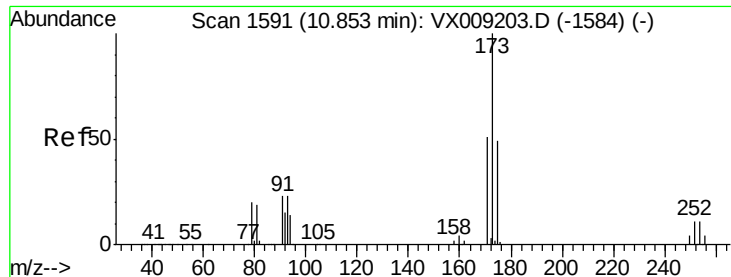
#70
Styrene
Concen: 17.904 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion:104 Resp: 98694
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 56.0 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: 17.473 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

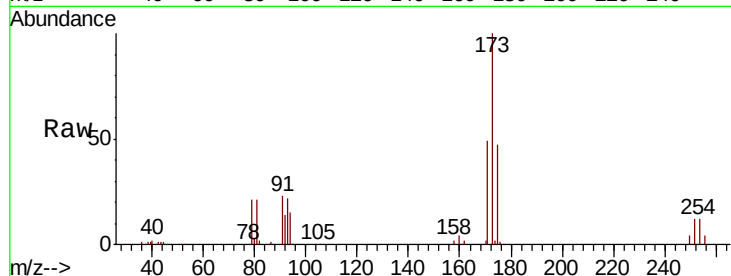
Tot Ion:173 Resp: 24605

Ion Ratio Lower Upper

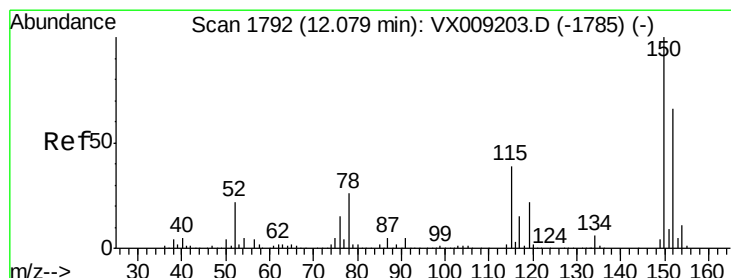
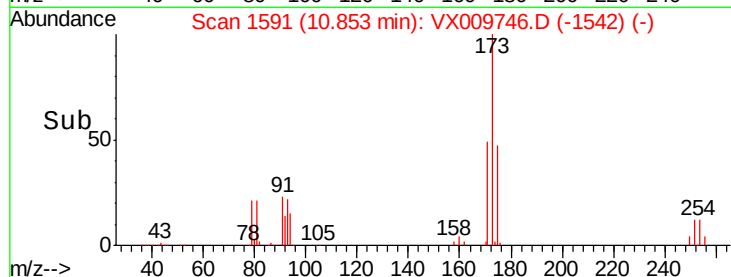
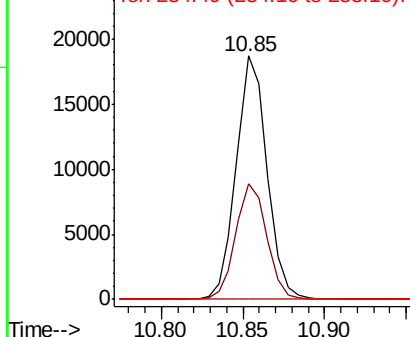
173 100

175 47.7 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

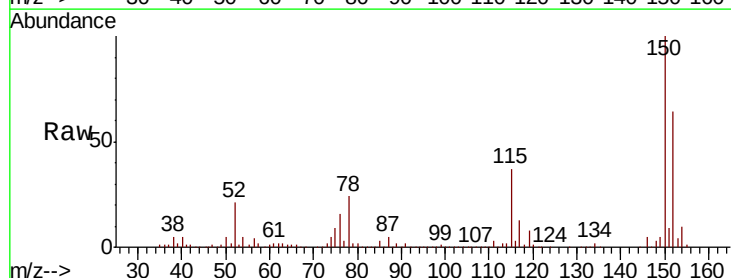
Tgt Ion:152 Resp: 113398

Ion Ratio Lower Upper

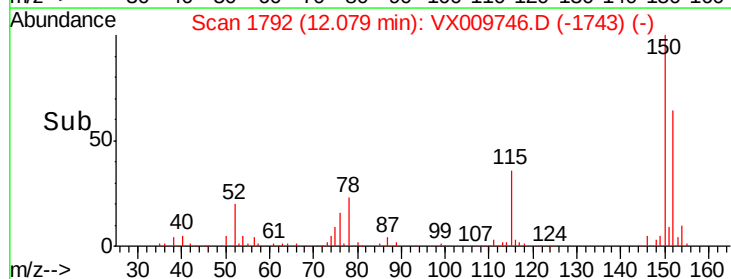
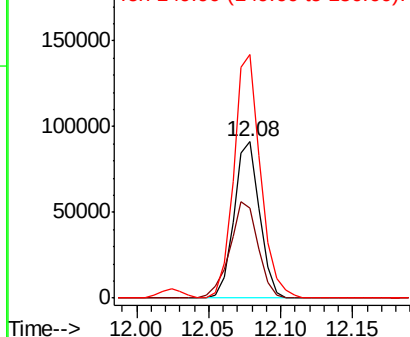
152 100

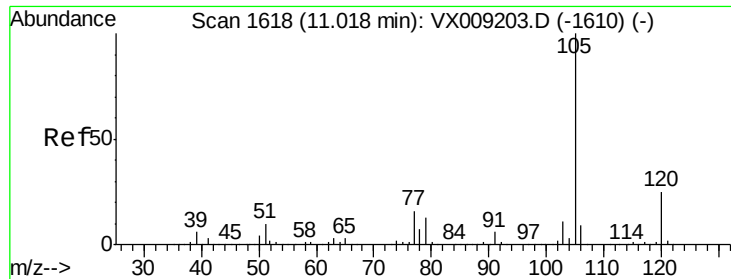
115 67.6 41.2 123.6

150 162.4 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: 18.398 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

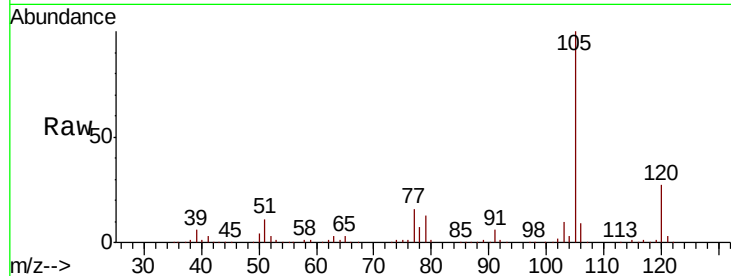
VX0521WBS01

Tot Ion:105 Resp: 151717

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

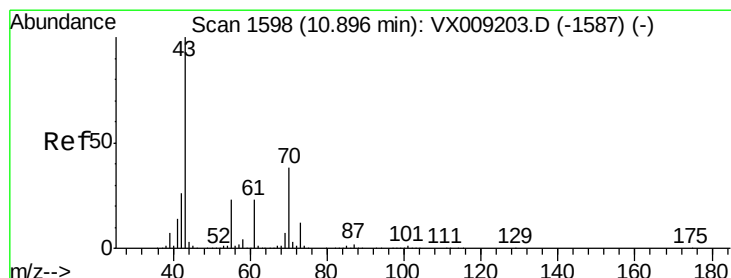
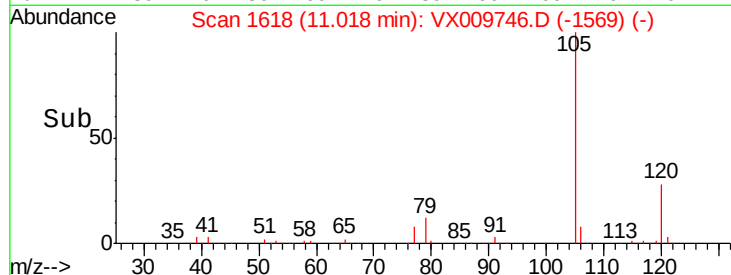
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.433 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Tgt Ion: 43 Resp: 88619

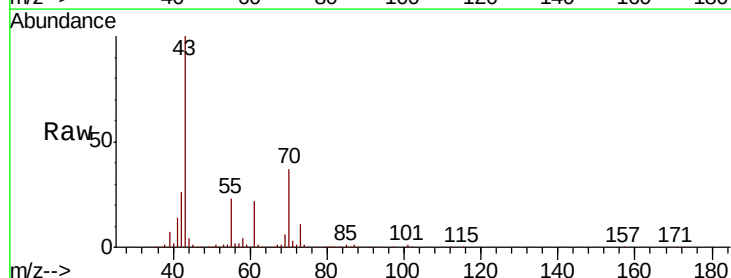
Ion Ratio Lower Upper

43 100

70 36.4 30.0 45.0

55 23.1 17.9 26.9

61 22.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

80000

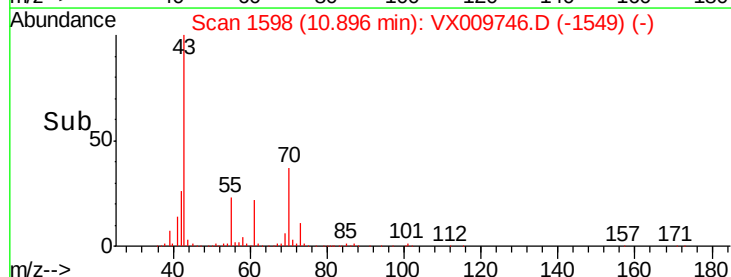
60000

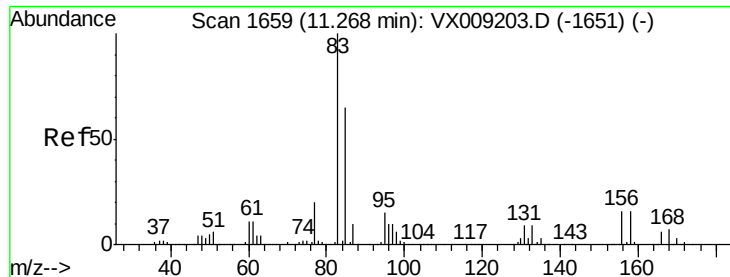
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.565 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

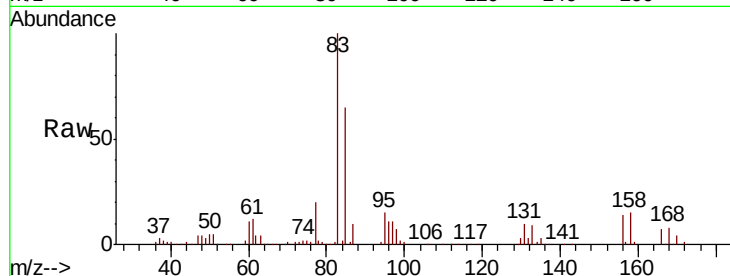
Tot Ion: 83 Resp: 57069

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

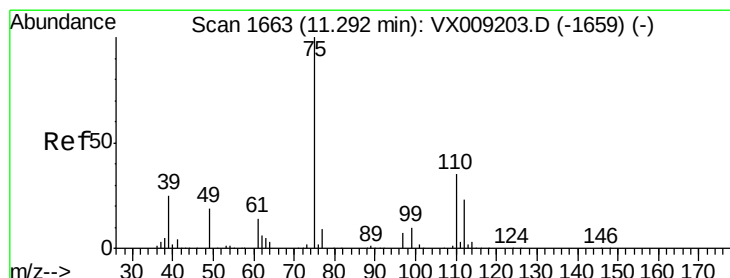
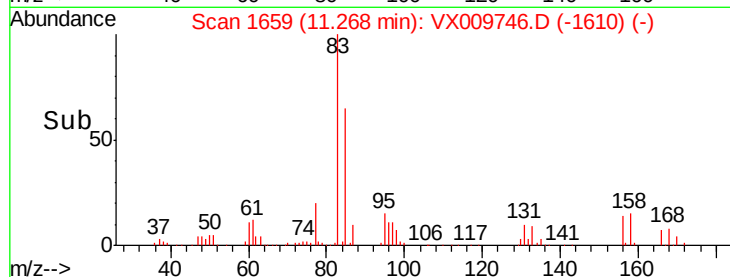
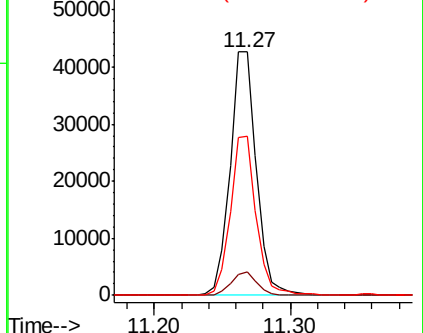
85 64.4 32.0 96.2



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: 24.789 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009746.D

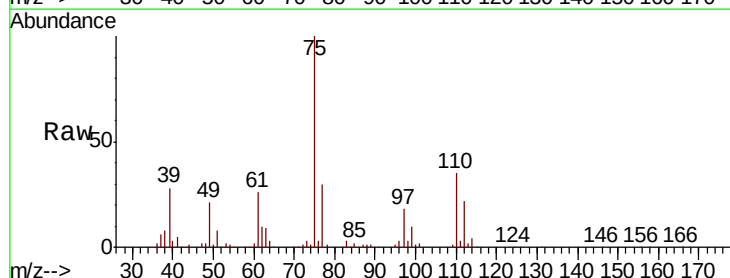
Acq: 21 May 2019 14:37

Tgt Ion: 75 Resp: 65205

Ion Ratio Lower Upper

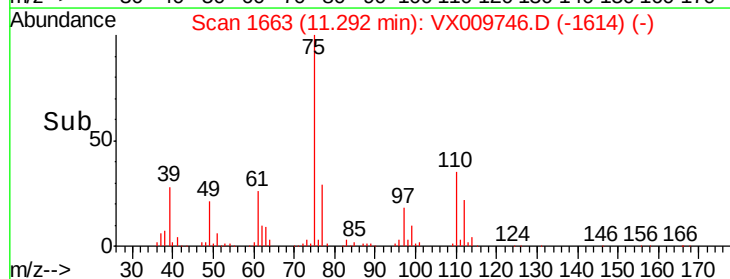
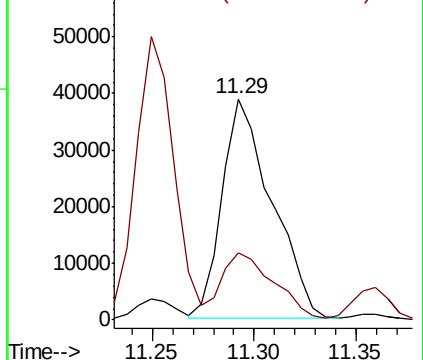
75 100

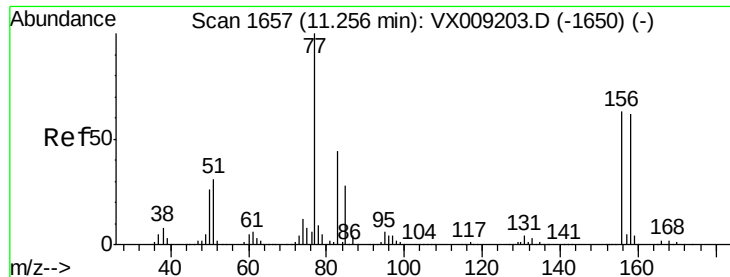
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.013 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

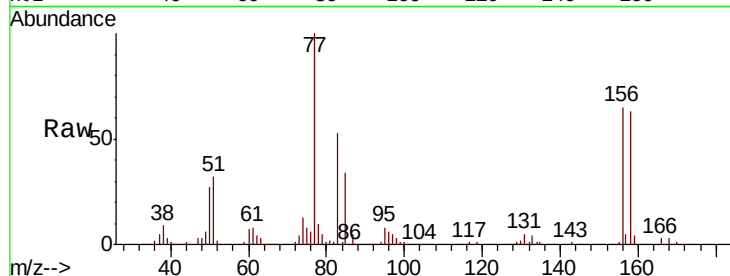
Tot Ion:156 Resp: 36868

Ion Ratio Lower Upper

156 100

77 174.7 84.8 254.3

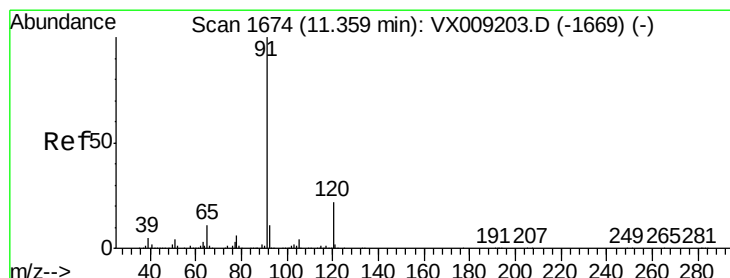
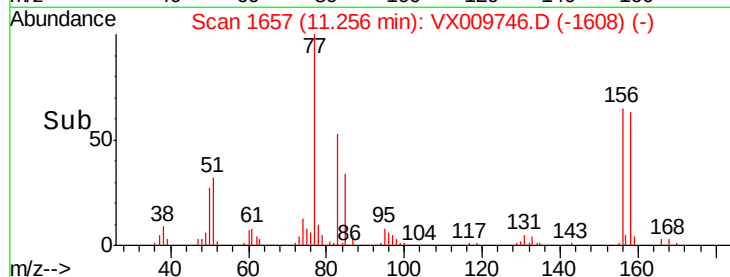
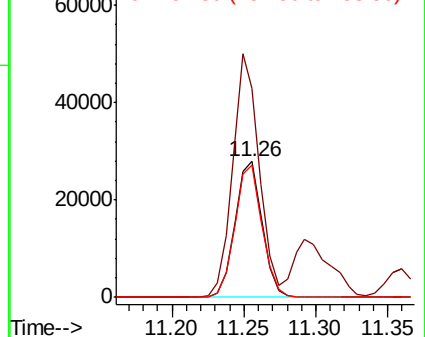
158 97.5 49.1 147.3



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: 18.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009746.D

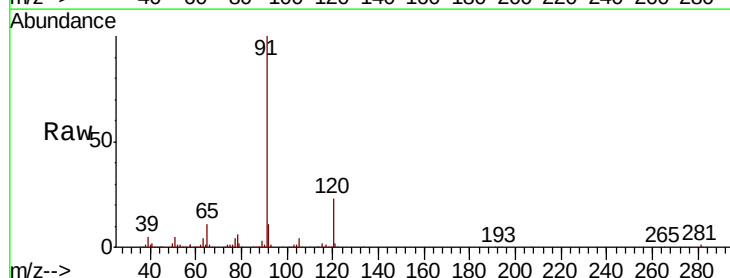
Acq: 21 May 2019 14:37

Tgt Ion: 91 Resp: 172568

Ion Ratio Lower Upper

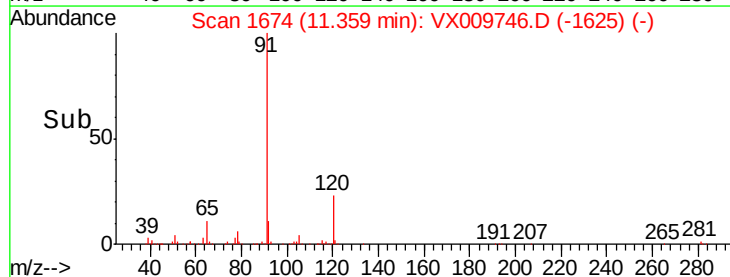
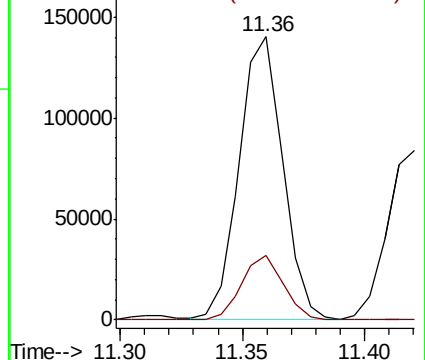
91 100

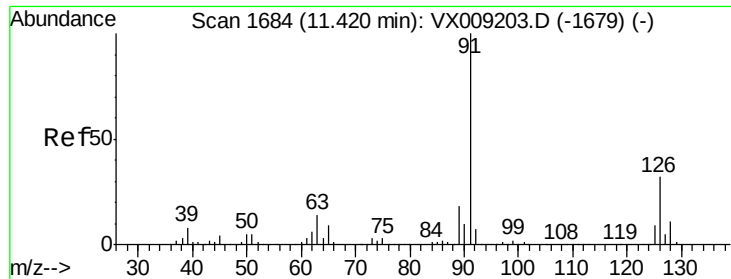
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.198 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

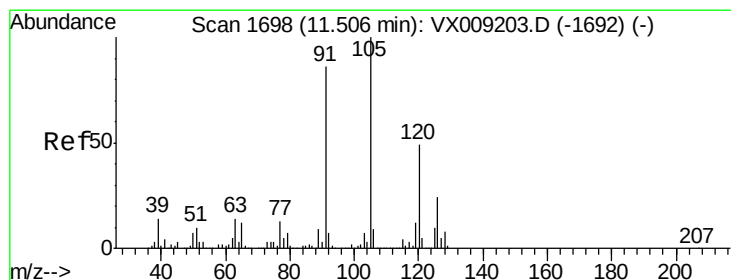
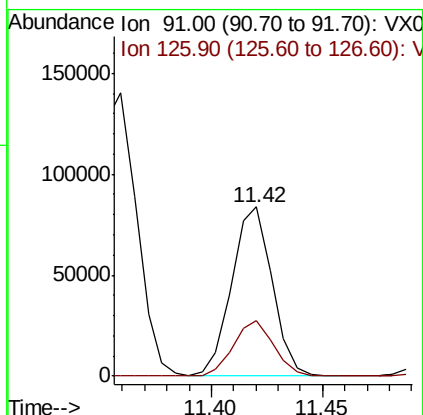
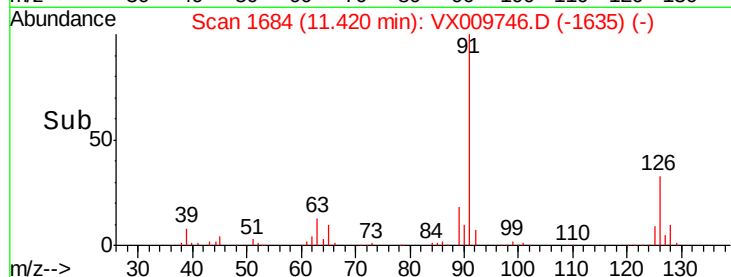
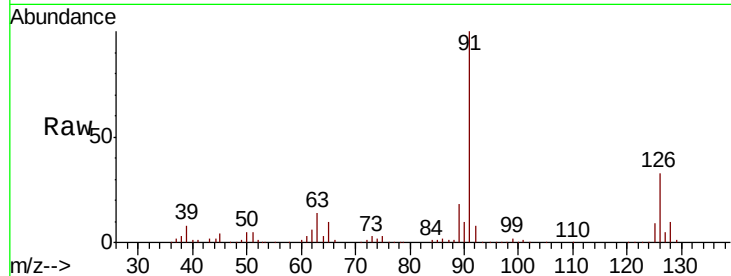
VX0521WBS01

Tot Ion: 91 Resp: 105734

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 18.557 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009746.D

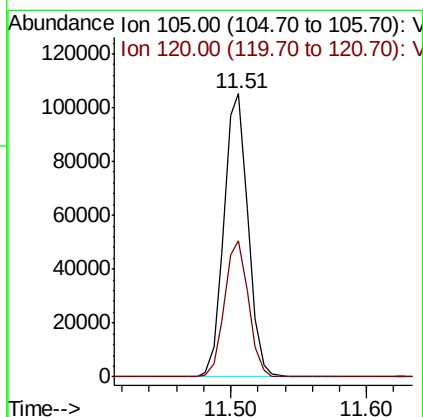
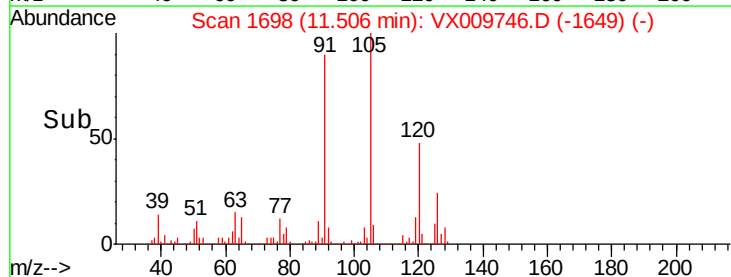
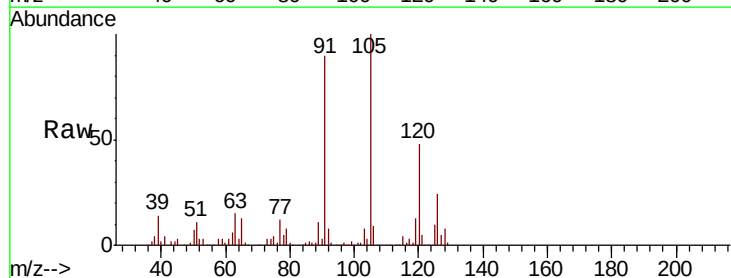
Acq: 21 May 2019 14:37

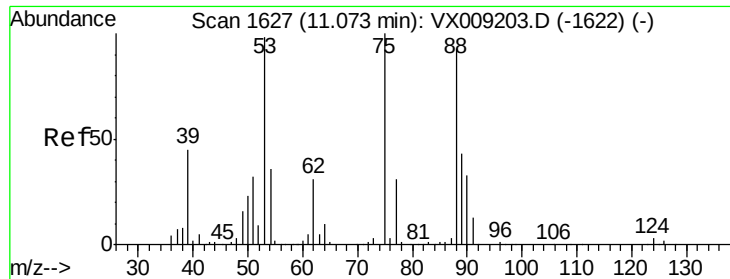
Tgt Ion:105 Resp: 128845

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.186 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

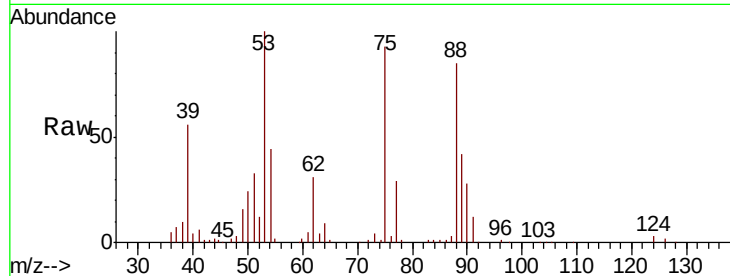
Tot Ion: 75 Resp: 17668

Ion Ratio Lower Upper

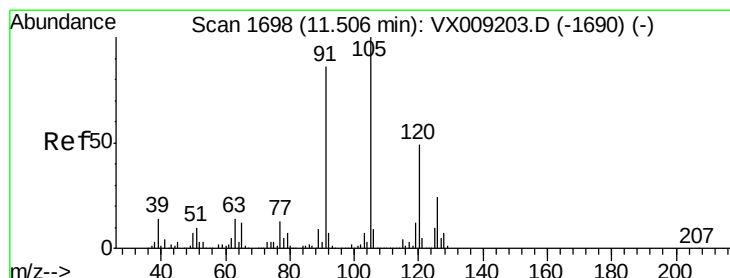
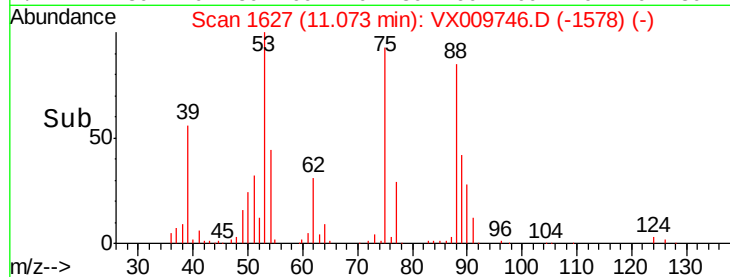
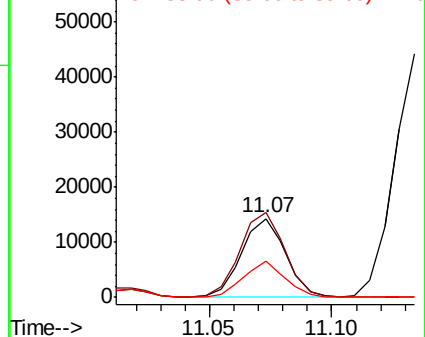
75 100

53 112.9 79.0 118.6

89 44.5 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: 18.384 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009746.D

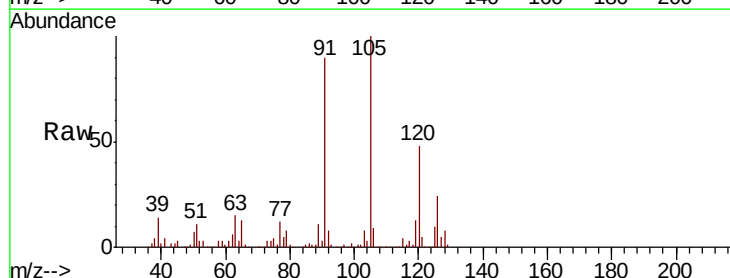
Acq: 21 May 2019 14:37

Tgt Ion: 91 Resp: 120666

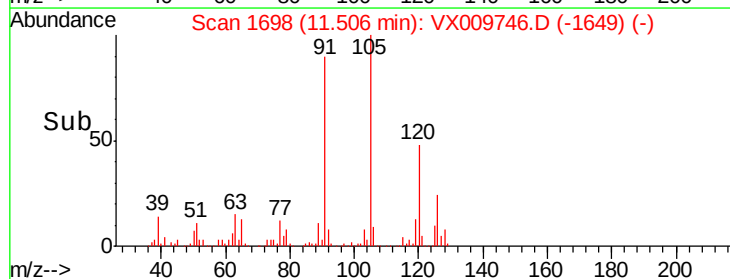
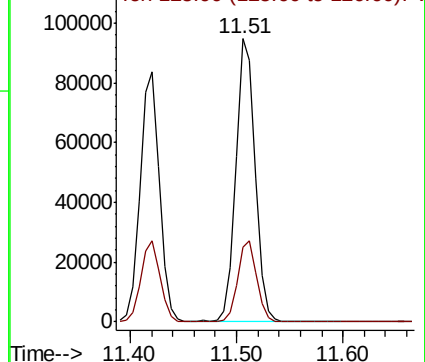
Ion Ratio Lower Upper

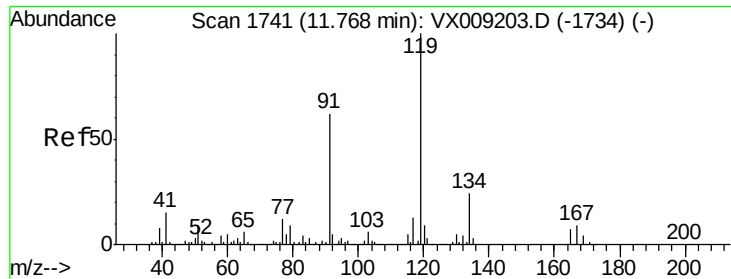
91 100

126 28.4 14.5 43.6



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

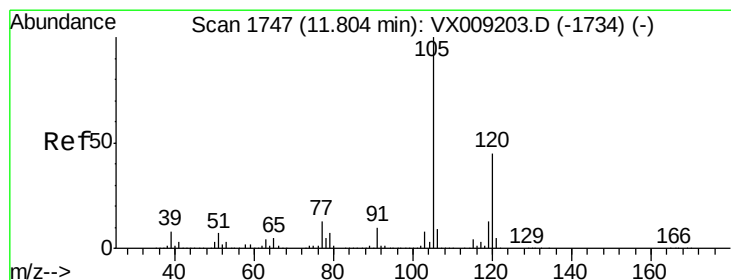
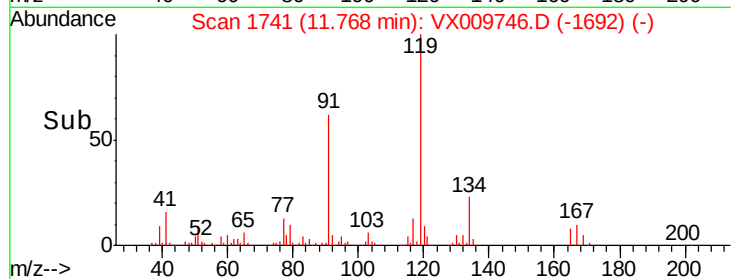
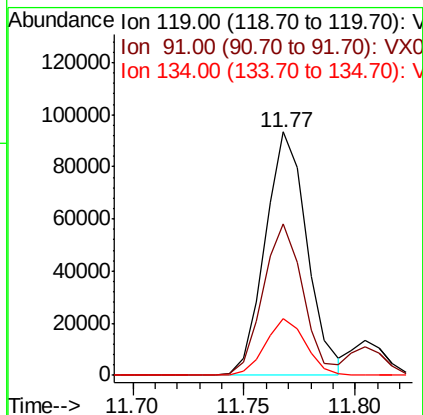
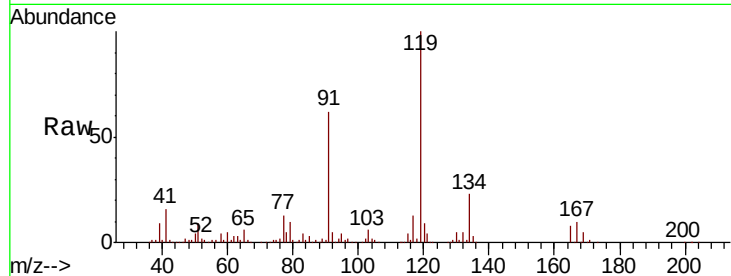




#83
 tert-Butylbenzene
 Concen: 18.072 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

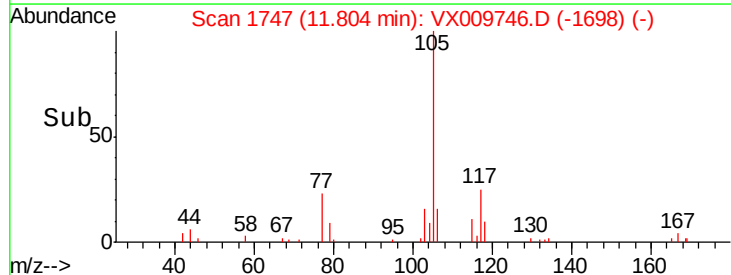
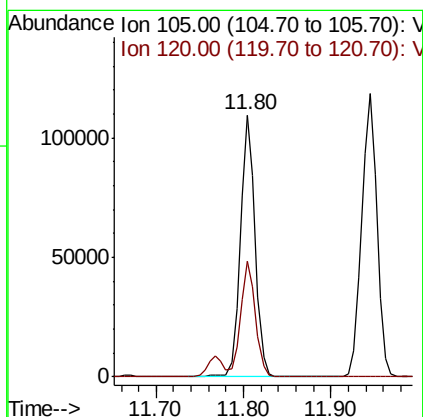
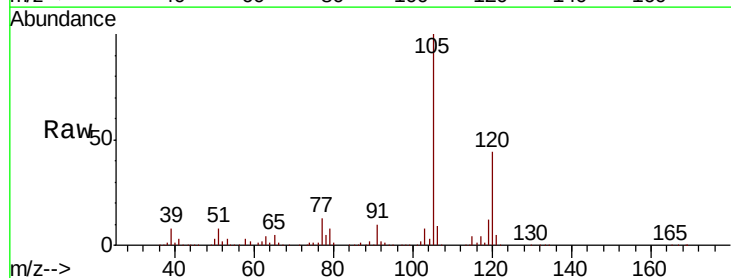
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

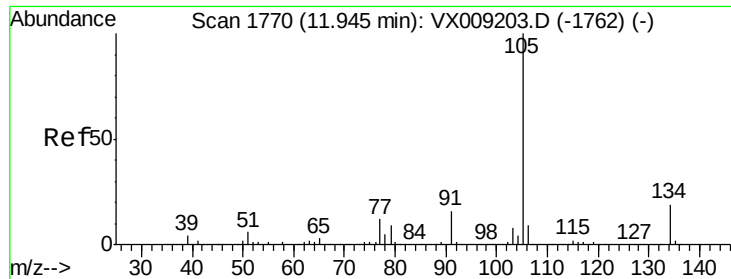
Tot Ion:119 Resp: 122068
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.5 88.5
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.477 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion:105 Resp: 128771
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.962 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

Instrument :

MSVOA_X

ClientSampled :

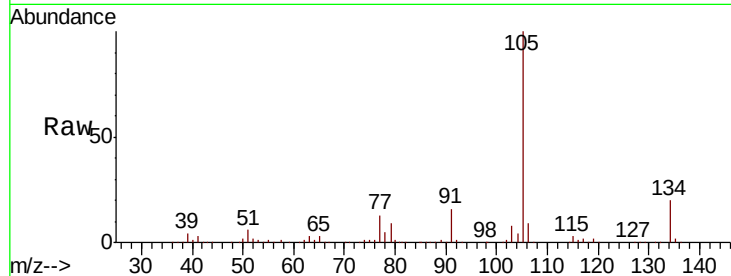
VX0521WBS01

Tot Ion:105 Resp: 143838

Ion Ratio Lower Upper

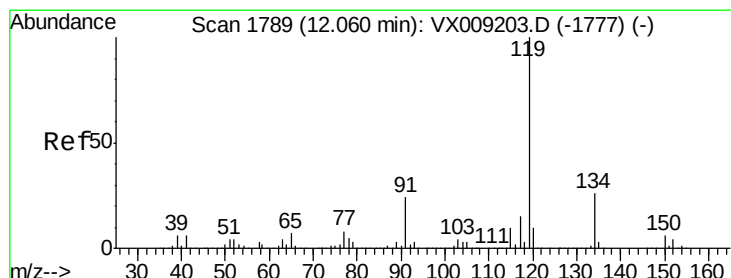
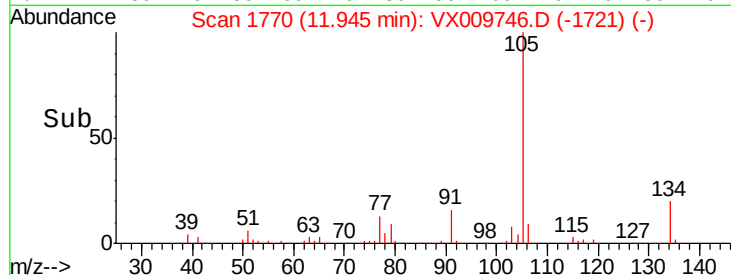
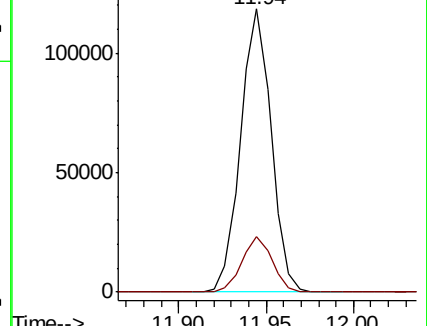
105 100

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



#86

p-Isopropyltoluene

Concen: 18.269 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009746.D

Acq: 21 May 2019 14:37

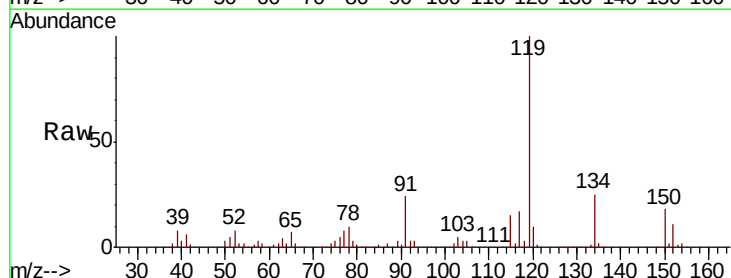
Tgt Ion:119 Resp: 131517

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

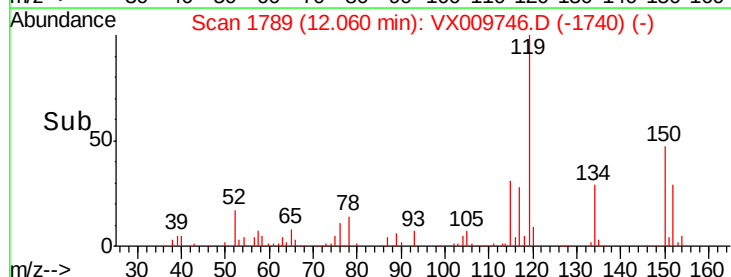
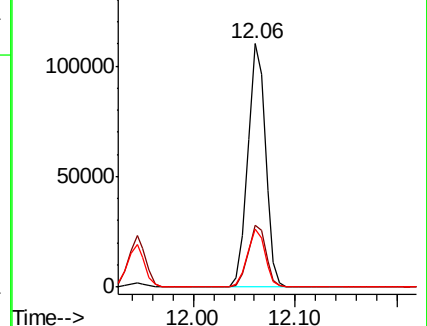
91 24.1 11.8 35.4

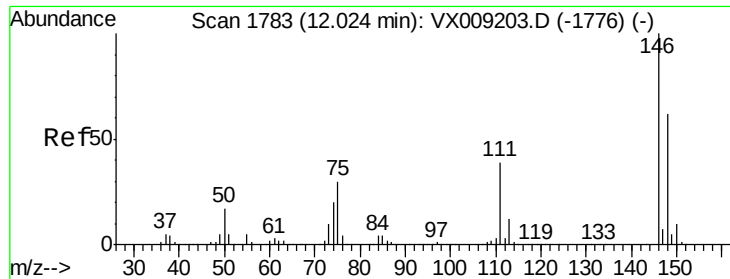


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

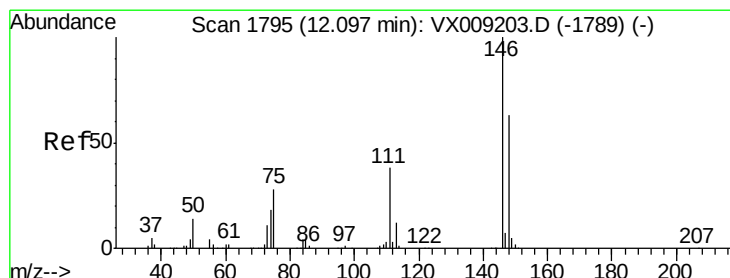
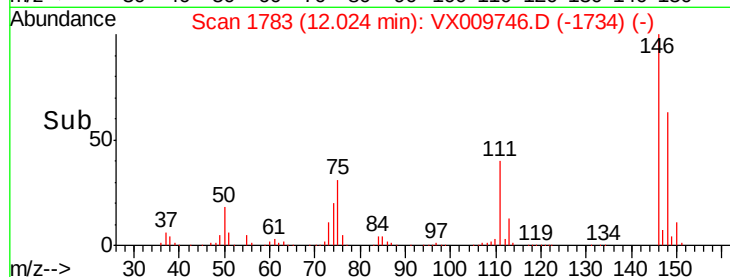
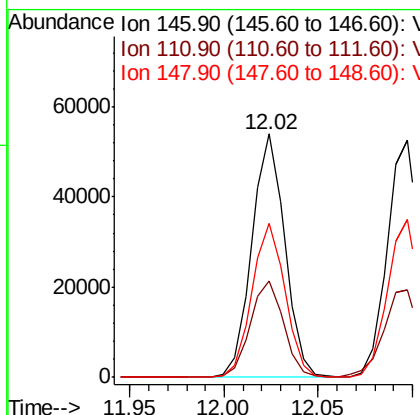
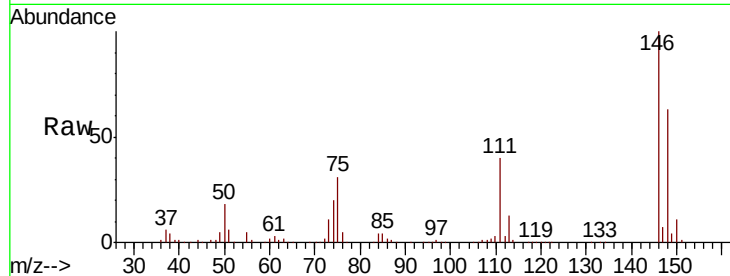




#87
 1,3-Dichlorobenzene
 Concen: 17.924 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

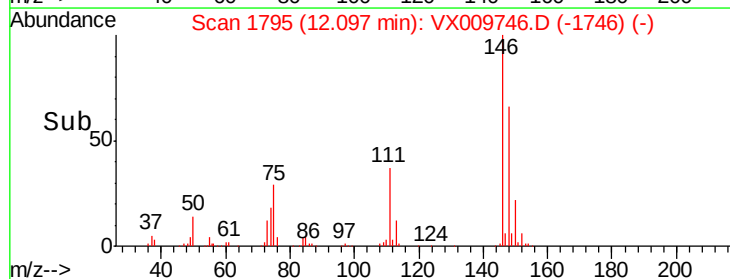
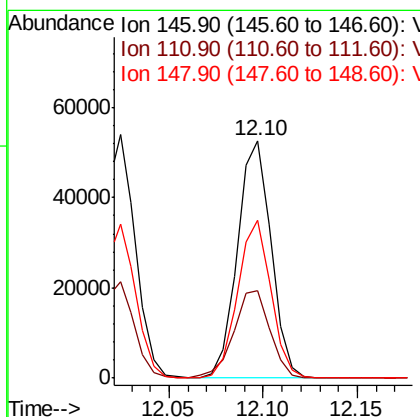
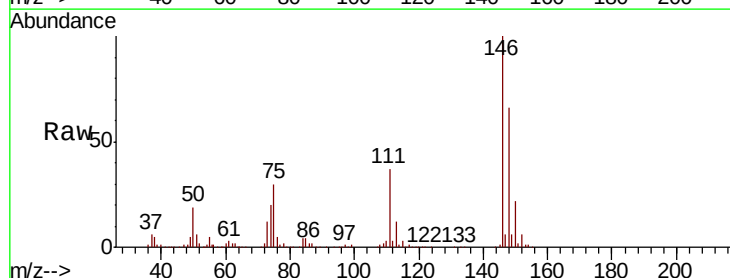
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

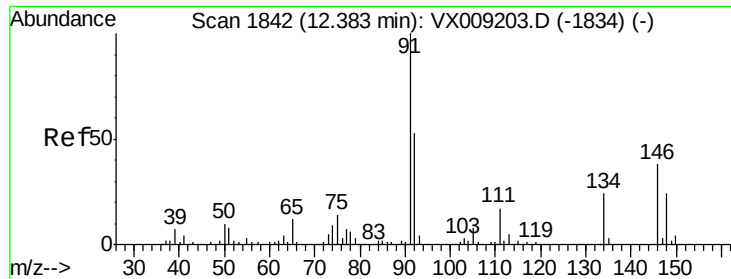
Tot Ion:146 Resp: 65400
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.671 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion:146 Resp: 65005
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 66.1 31.8 95.3

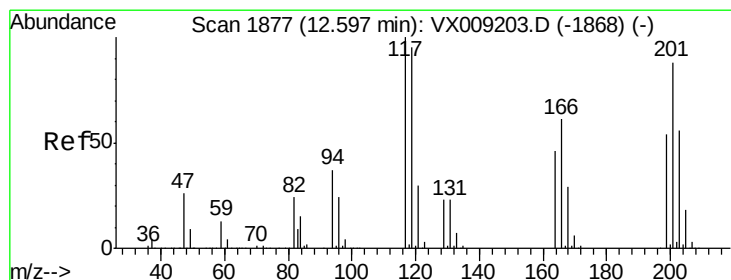
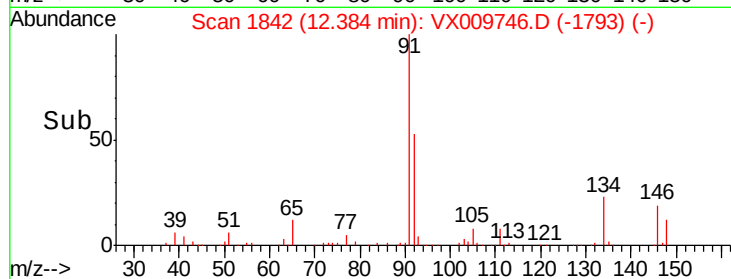
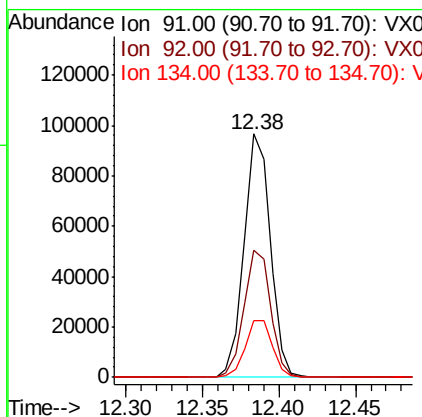
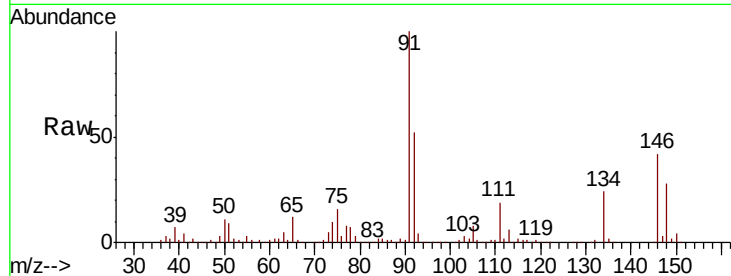




#89
n-Butylbenzene
Concen: 17.682 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

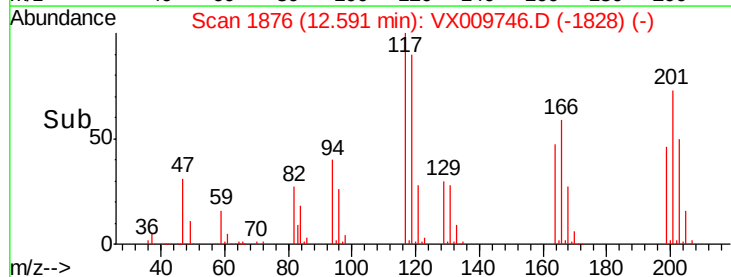
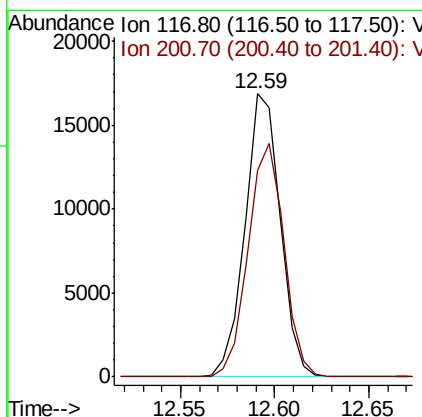
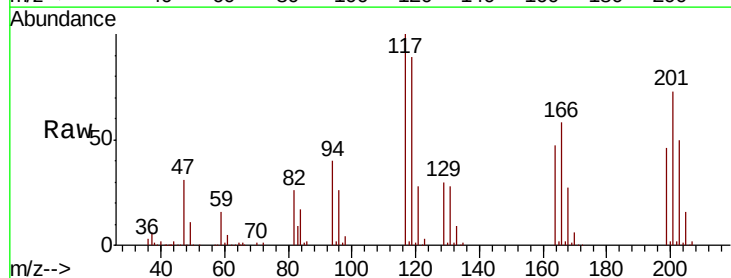
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

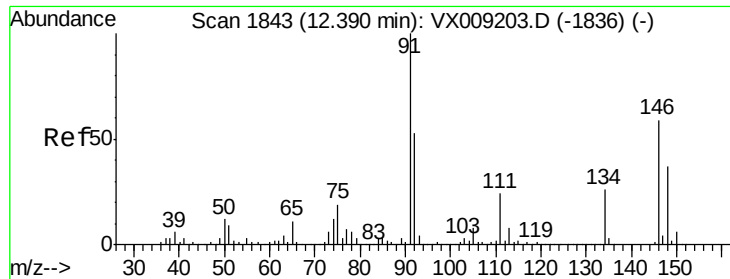
Tot Ion: 91 Resp: 115053
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 24.3 12.4 37.2



#90
Hexachloroethane
Concen: 17.880 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion: 117 Resp: 21929
Ion Ratio Lower Upper
117 100
201 83.5 42.3 126.9

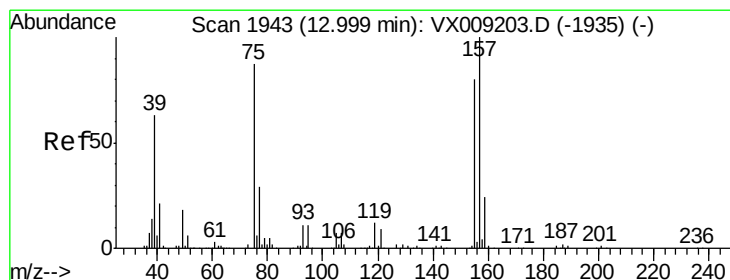
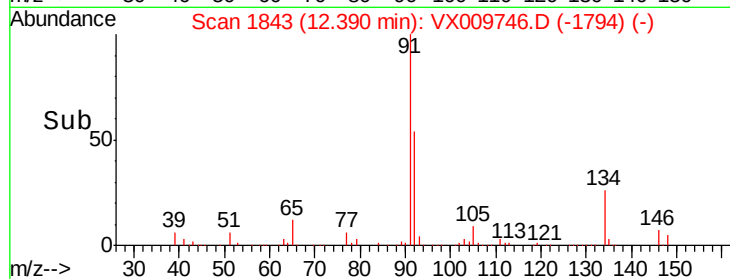
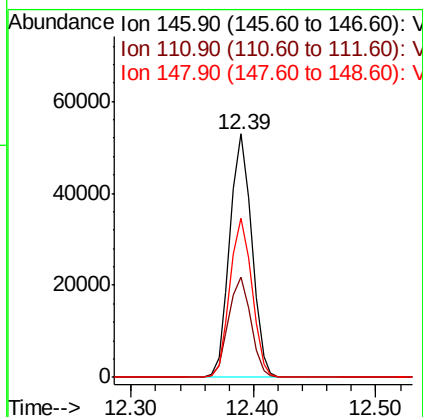
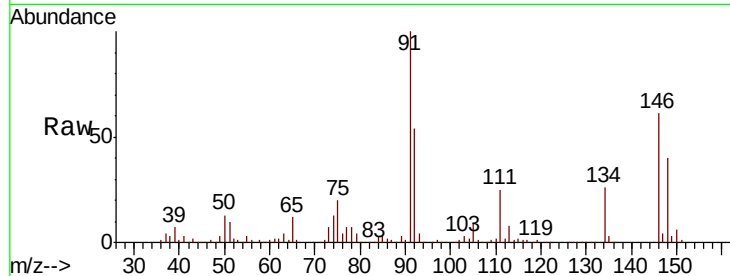




#91
 1,2-Dichlorobenzene
 Concen: 17.653 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

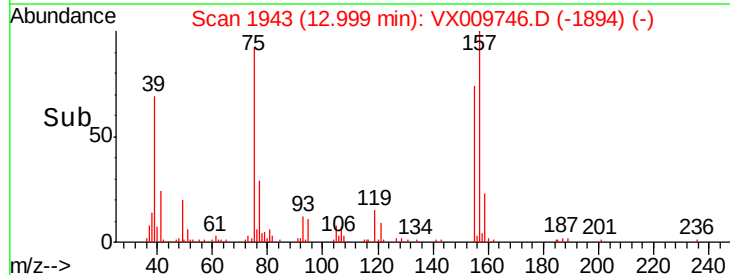
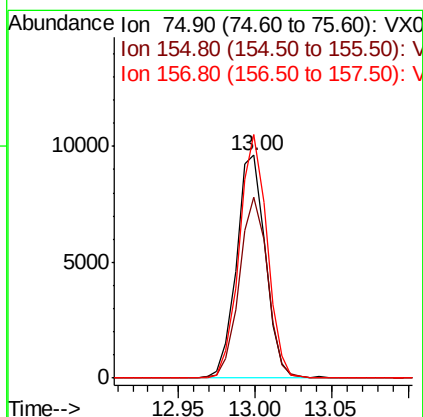
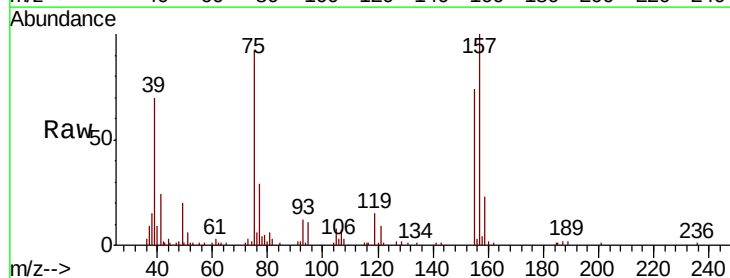
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

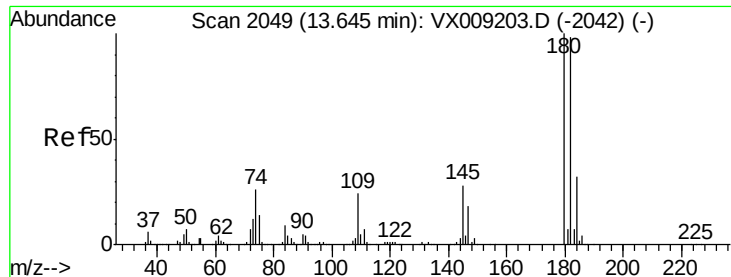
Tot Ion:146 Resp: 65604
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.4
 148 65.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.370 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion: 75 Resp: 12668
 Ion Ratio Lower Upper
 75 100
 155 79.1 42.0 126.0
 157 104.8 53.2 159.6

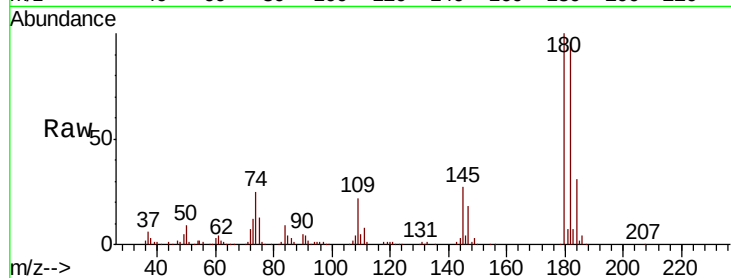




#93
 1,2,4-Trichlorobenzene
 Concen: 17.741 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.2
145	28.1	14.6	43.8

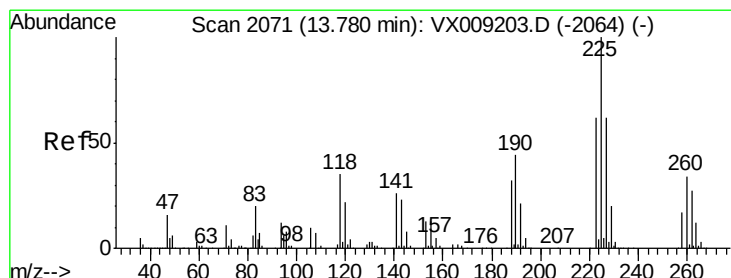
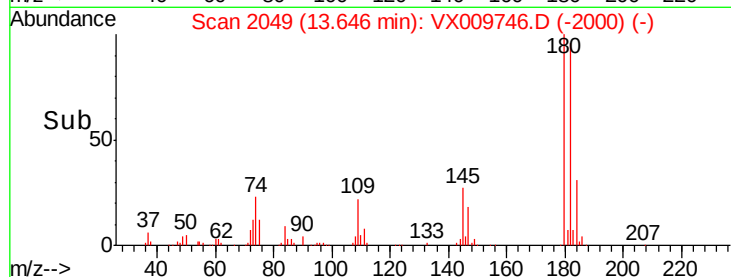
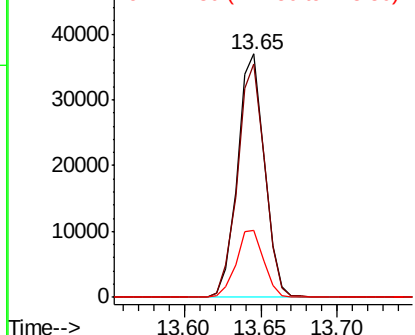


Abundance

Ion 179.80 (179.50 to 180.50): V

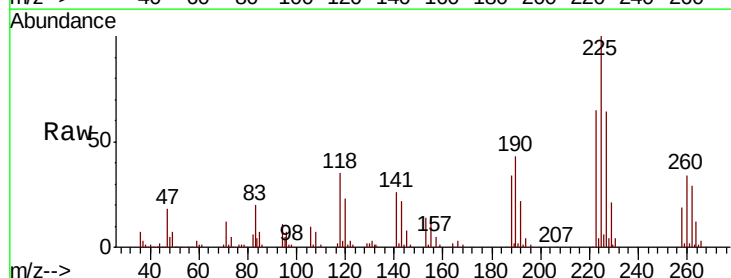
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.150 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009746.D
 Acq: 21 May 2019 14:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.3	93.8
227	64.6	31.8	95.3

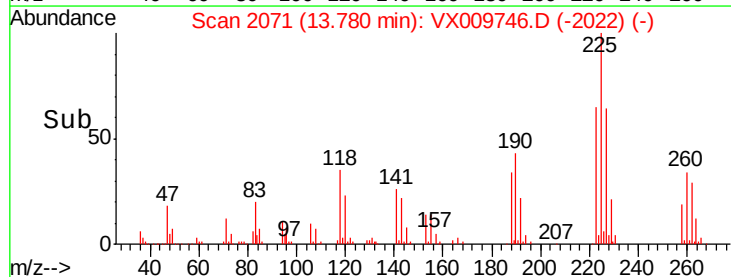
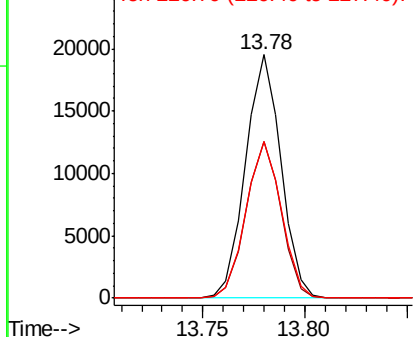


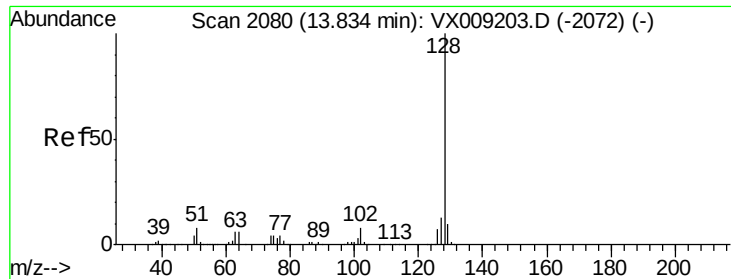
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

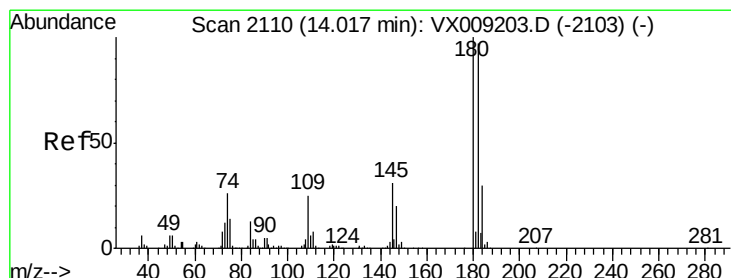
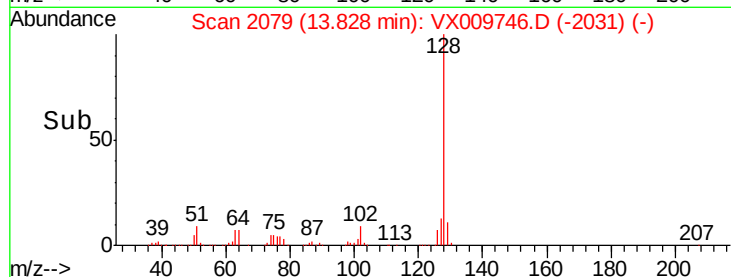
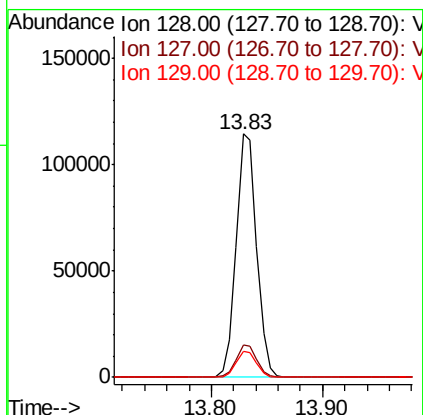
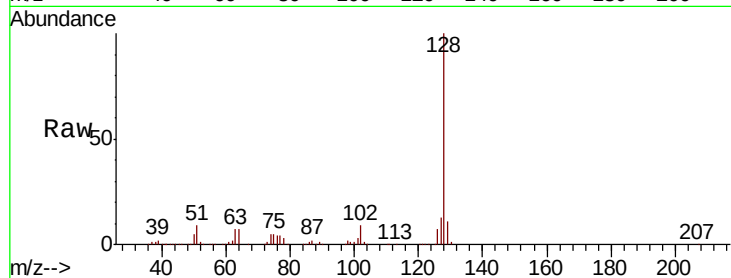




#95
Naphthalene
Concen: 17.561 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion:128 Resp: 145198
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.915 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009746.D
Acq: 21 May 2019 14:37

Tgt Ion:180 Resp: 46150
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 31.1 15.4 46.4

