

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
 Data File : VX009852.D
 Acq On : 23 May 2019 12:47
 Operator : JC/SP
 Sample : VX0523WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Quant Time: May 23 13:07:04 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	179278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113447	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.50	113	80272	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	8.71	98	331108	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.13	95	118384	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	26269	15.901	ug/l	99
3) Chloromethane	1.32	50	42265	18.739	ug/l	96
4) Vinyl Chloride	1.41	62	39074	17.766	ug/l	97
5) Bromomethane	1.64	94	25072	18.992	ug/l	100
6) Chloroethane	1.72	64	25448	18.021	ug/l	97
7) Trichlorofluoromethane	1.93	101	47297	17.691	ug/l	99
8) Diethyl Ether	2.19	74	22290	17.601	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29294	17.449	ug/l	99
10) Methyl Iodide	2.51	142	28889	18.043	ug/l	98
11) Tert butyl alcohol	3.05	59	55973	98.804	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29676	17.642	ug/l	100
13) Acrolein	2.29	56	40226	78.407	ug/l	96
14) Allyl chloride	2.73	41	72767	17.751	ug/l	97
15) Acrylonitrile	3.14	53	125419	90.546	ug/l	99
16) Acetone	2.45	43	121612	92.541	ug/l	96
17) Carbon Disulfide	2.57	76	83967	17.779	ug/l	99
18) Methyl Acetate	2.78	43	54953	17.583	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	114310	17.499	ug/l	99
20) Methylene Chloride	2.85	84	36576	17.190	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31897	17.485	ug/l	96
22) Diisopropyl ether	3.85	45	144085	18.277	ug/l	94
23) Vinyl Acetate	3.82	43	641058	94.960	ug/l	98
24) 1,1-Dichloroethane	3.70	63	67842	17.444	ug/l	99
25) 2-Butanone	4.67	43	193606	94.806	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48312	16.689	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37440	17.194	ug/l	97
28) Bromochloromethane	5.01	49	36328	21.651	ug/l	95
29) Tetrahydrofuran	5.13	42	123708	94.139	ug/l	98
30) Chloroform	5.21	83	61684	17.537	ug/l	98
31) Cyclohexane	5.58	56	66502	18.379	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50795	17.347	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47133	17.726	ug/l	99
37) Ethyl Acetate	4.84	43	71075	19.185	ug/l	98
38) Carbon Tetrachloride	5.78	117	41460	17.161	ug/l	97

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 Data File : VX009852.D
 Acq On : 23 May 2019 12:47
 Operator : JC/SP
 Sample : VX0523WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Quant Time: May 23 13:07:04 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	57633	17.649	ug/l	96
40) Benzene	6.14	78	147757	17.955	ug/l	99
41) Methacrylonitrile	5.04	41	39606	17.959	ug/l	99
42) 1,2-Dichloroethane	6.19	62	54608	18.499	ug/l	99
43) Isopropyl Acetate	6.45	43	111027	18.736	ug/l	98
44) Trichloroethene	7.21	130	33643	16.911	ug/l	99
45) 1,2-Dichloropropane	7.51	63	41844	17.958	ug/l	100
46) Dibromomethane	7.66	93	23827	17.609	ug/l	99
47) Bromodichloromethane	7.90	83	46442	17.206	ug/l	96
48) Methyl methacrylate	7.77	41	55806	18.981	ug/l	97
49) 1,4-Dioxane	7.74	88	21793	365.510	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	368024	95.014	ug/l	98
52) Toluene	8.79	92	88102	17.612	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53041	17.405	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	59277	17.574	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	35736	17.511	ug/l	96
56) Ethyl methacrylate	9.18	69	65351	17.939	ug/l	96
57) 1,3-Dichloropropane	9.37	76	63569	17.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176050	91.097	ug/l	99
59) 2-Hexanone	9.49	43	290428	95.470	ug/l	97
60) Dibromochloromethane	9.58	129	34048	17.082	ug/l	99
61) 1,2-Dibromoethane	9.67	107	36643	17.788	ug/l	99
64) Tetrachloroethene	9.34	164	31554	17.651	ug/l	99
65) Chlorobenzene	10.13	112	91204	17.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	32198	17.035	ug/l	99
67) Ethyl Benzene	10.25	91	169516	17.668	ug/l	99
68) m/p-Xylenes	10.36	106	123504	35.225	ug/l	97
69) o-Xylene	10.70	106	59327	17.150	ug/l	96
70) Styrene	10.71	104	104464	17.374	ug/l	98
71) Bromoform	10.85	173	25174	16.390	ug/l #	100
73) Isopropylbenzene	11.02	105	162628	17.821	ug/l	100
74) N-amyl acetate	10.90	43	97633	18.351	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60600	17.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	68923	23.677	ug/l	82
77) Bromobenzene	11.26	156	40388	17.831	ug/l	98
78) n-propylbenzene	11.36	91	186923	17.936	ug/l	100
79) 2-Chlorotoluene	11.42	91	111294	17.309	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	136522	17.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18380	16.156	ug/l	89
82) 4-Chlorotoluene	11.51	91	128483	17.688	ug/l	99
83) tert-Butylbenzene	11.77	119	129509	17.326	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	138052	17.900	ug/l	99
85) sec-Butylbenzene	11.94	105	156758	17.689	ug/l	100
86) p-Isopropyltoluene	12.06	119	140374	17.620	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	69871	17.304	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	70472	17.312	ug/l	98
89) n-Butylbenzene	12.38	91	125709	17.458	ug/l	100
90) Hexachloroethane	12.60	117	22285	16.419	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	70984	17.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13452	17.627	ug/l	98

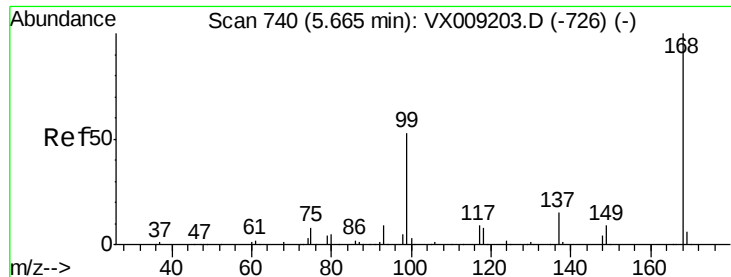
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009852.D
Acq On : 23 May 2019 12:47
Operator : JC/SP
Sample : VX0523WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Quant Time: May 23 13:07:04 2019
Quant Method : Z:\V0ASRV\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	48620	17.288	ug/l	98
94) Hexachlorobutadiene	13.78	225	24958	17.378	ug/l	99
95) Naphthalene	13.83	128	156117	17.062	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	49879	17.497	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: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

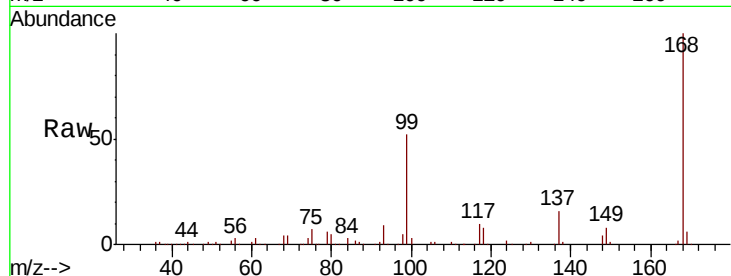
VX0523WBS01

Tgt Ion:168 Resp: 179278

Ion Ratio Lower Upper

168 100

99 52.0 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

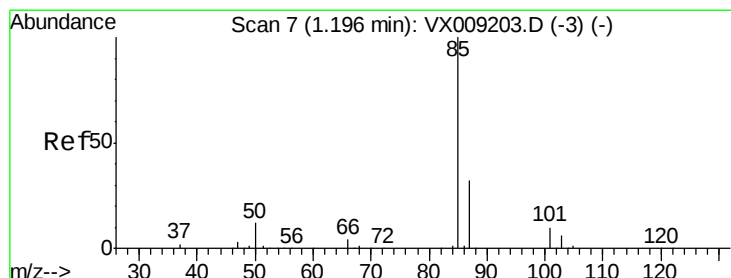
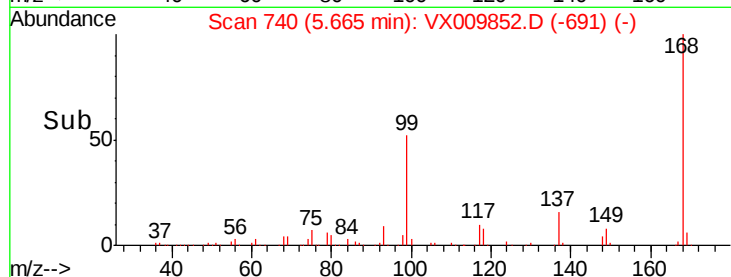
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.901 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009852.D

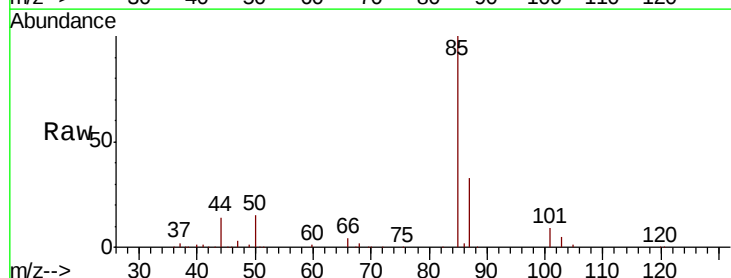
Acq: 23 May 2019 12:47

Tgt Ion: 85 Resp: 26269

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009203.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX009203.D (-3) (-)

1.20

25000

20000

15000

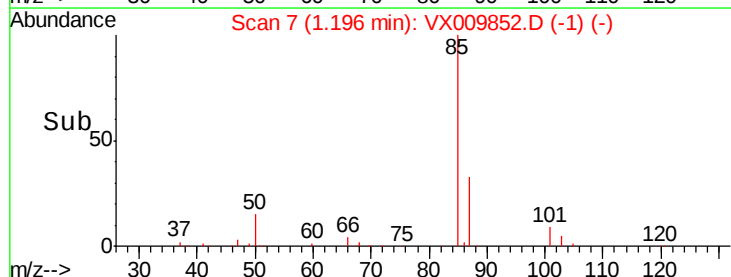
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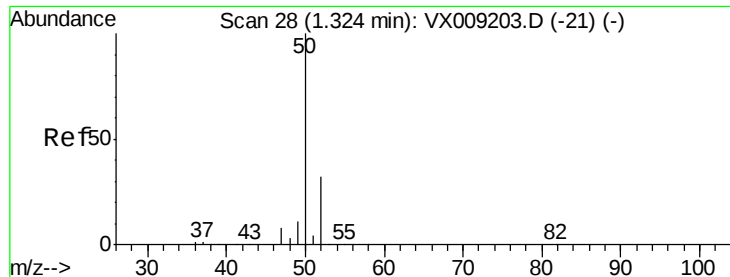
5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.739 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

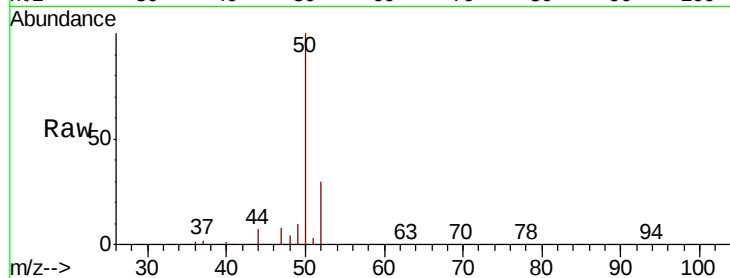
VX0523WBS01

Tgt Ion: 50 Resp: 42265

Ion Ratio Lower Upper

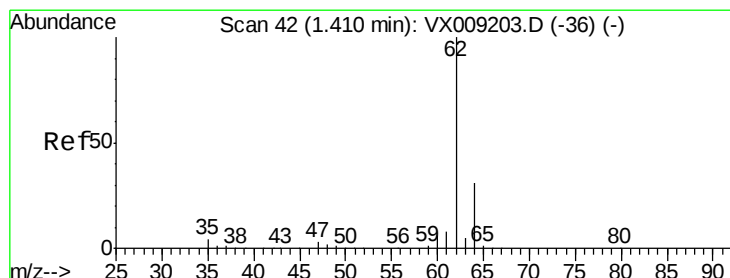
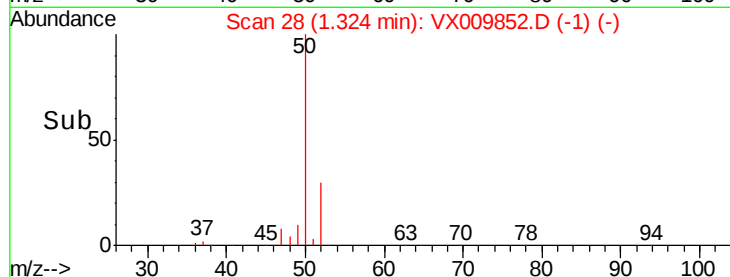
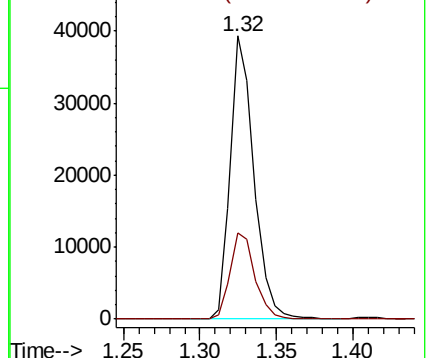
50 100

52 30.3 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: 17.766 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009852.D

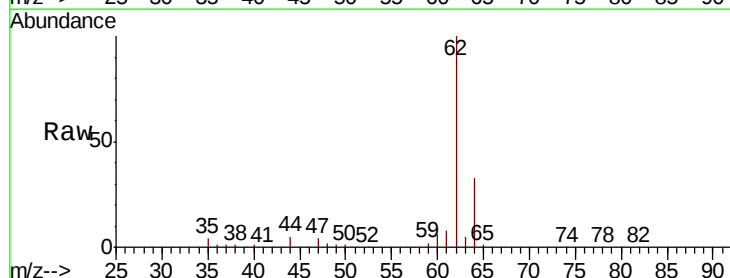
Acq: 23 May 2019 12:47

Tgt Ion: 62 Resp: 39074

Ion Ratio Lower Upper

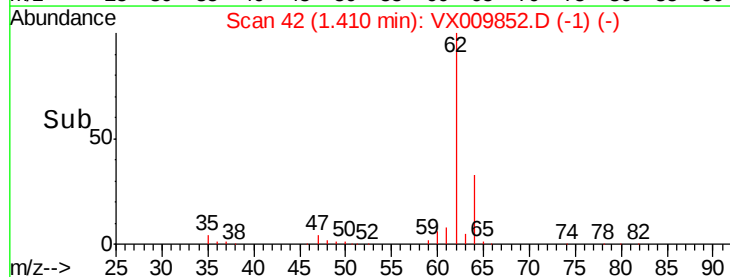
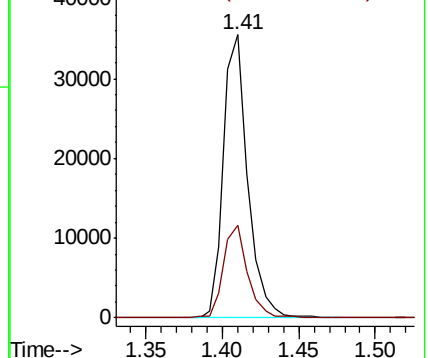
62 100

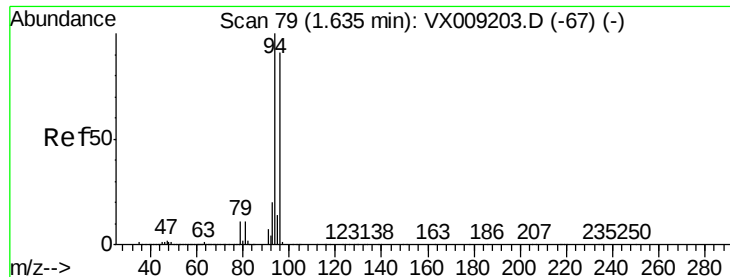
64 32.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.992 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

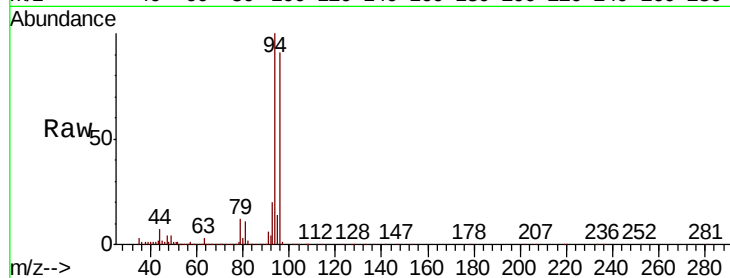
VX0523WBS01

Tgt Ion: 94 Resp: 25072

Ion Ratio Lower Upper

94 100

96 91.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

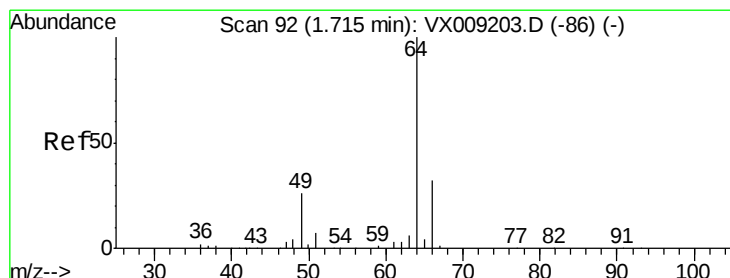
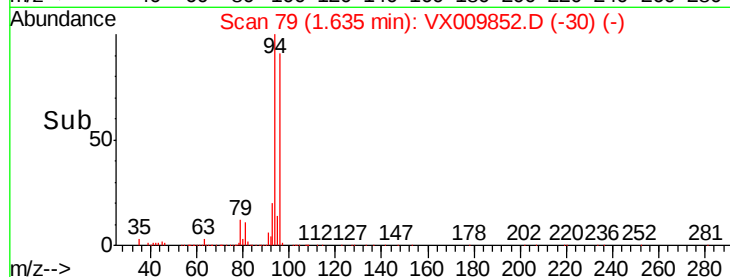
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.021 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009852.D

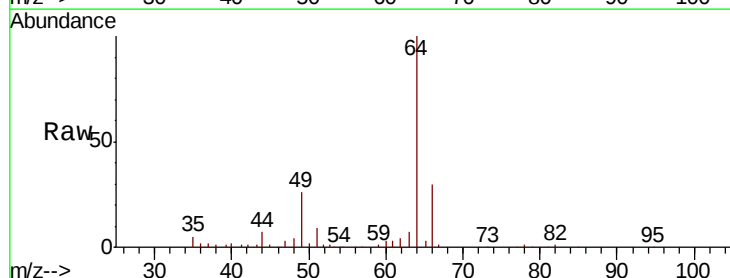
Acq: 23 May 2019 12:47

Tgt Ion: 64 Resp: 25448

Ion Ratio Lower Upper

64 100

66 29.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

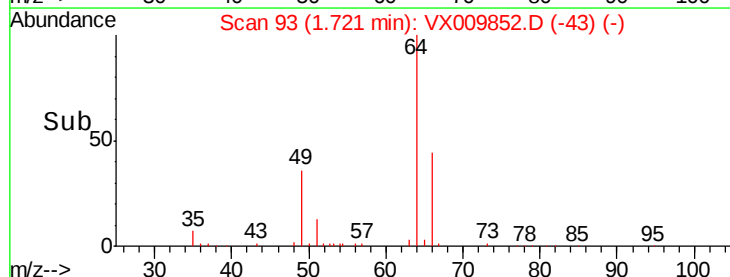
10000

5000

0

Time-->

1.65 1.70 1.75 1.80



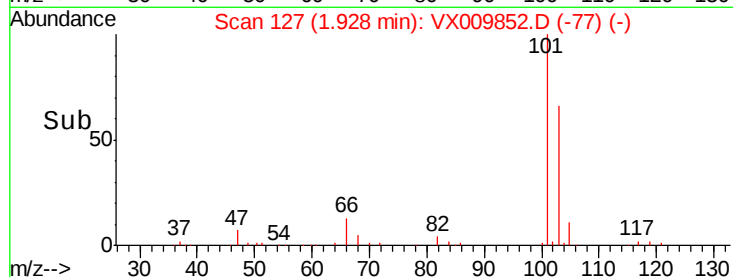
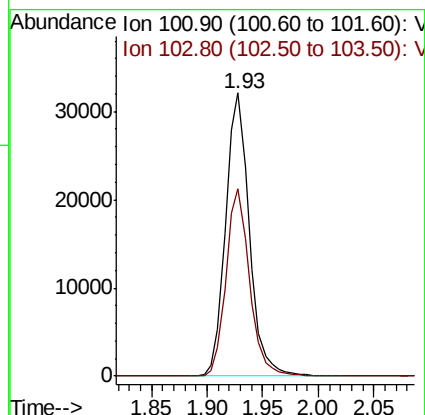
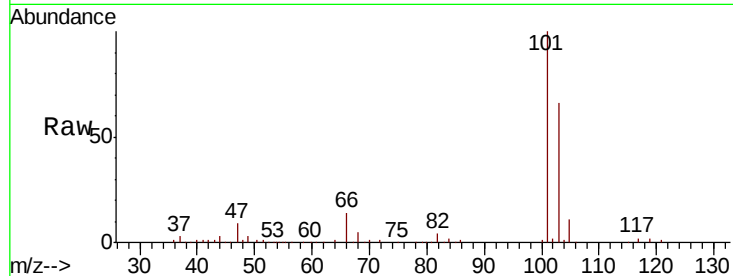


#7

Trichlorofluoromethane
 Concen: 17.691 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

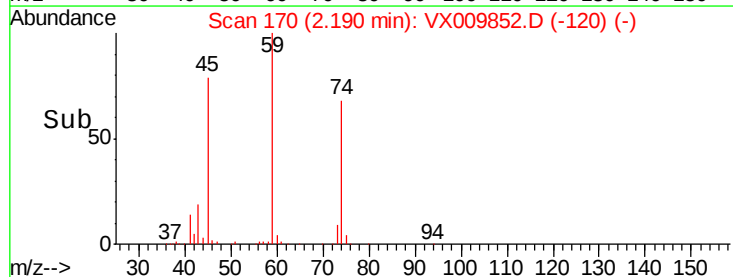
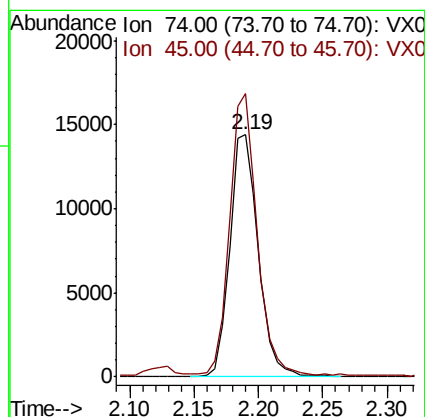
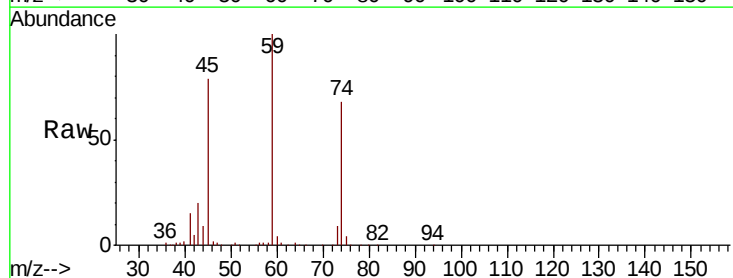
Tgt Ion:101 Resp: 47297
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.4 78.6

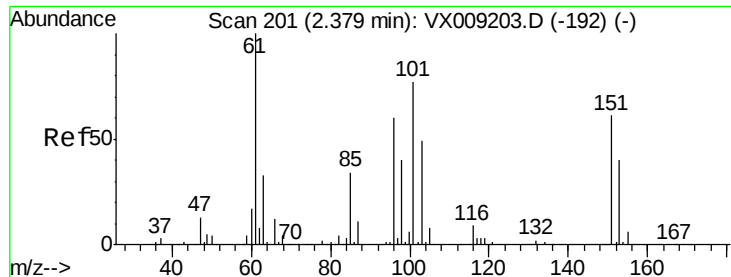


#8

Diethyl Ether
 Concen: 17.601 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 74 Resp: 22290
 Ion Ratio Lower Upper
 74 100
 45 111.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.449 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

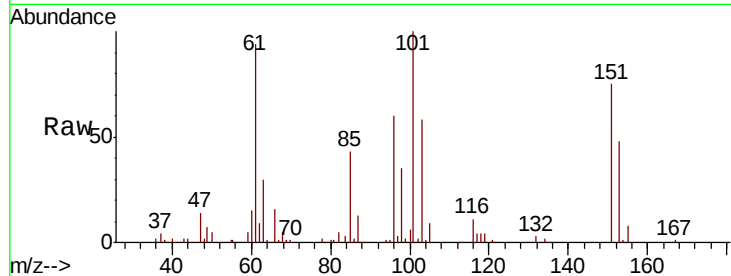
Tgt Ion:101 Resp: 29294

Ion Ratio Lower Upper

101 100

85 43.9 35.7 53.5

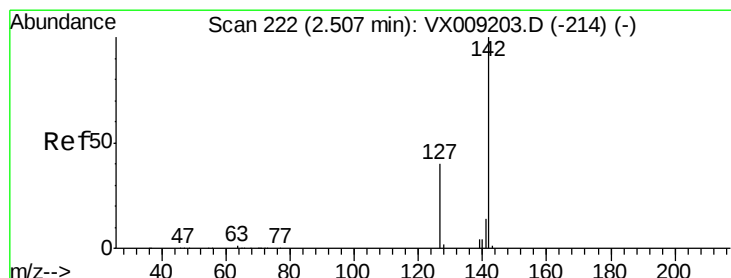
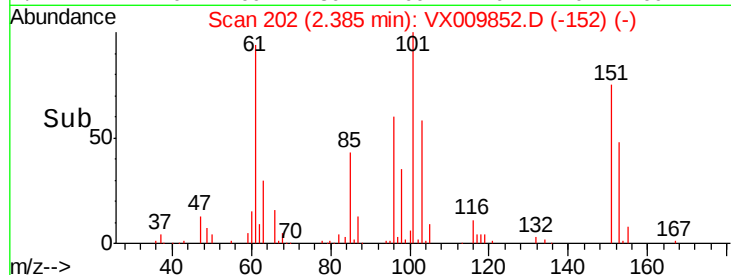
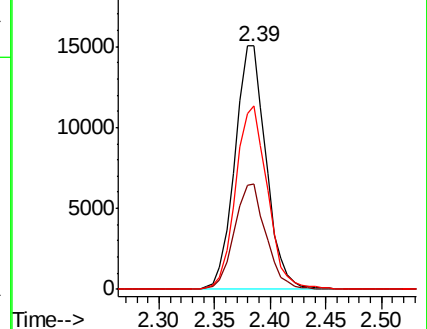
151 76.7 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.043 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

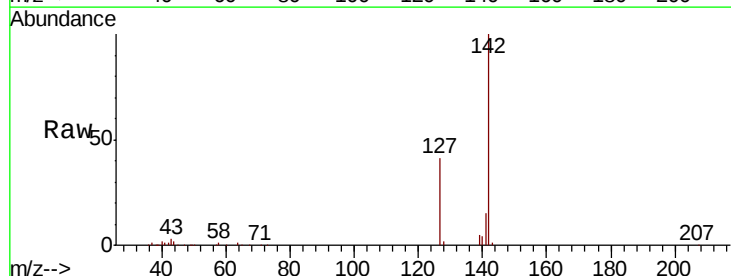
Tgt Ion:142 Resp: 28889

Ion Ratio Lower Upper

142 100

127 42.0 32.7 49.1

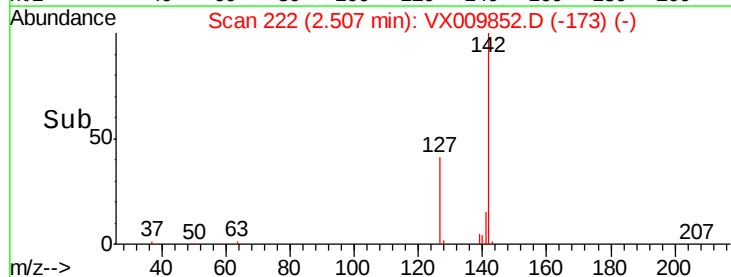
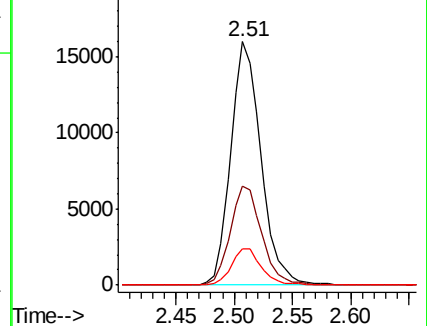
141 14.9 11.5 17.3

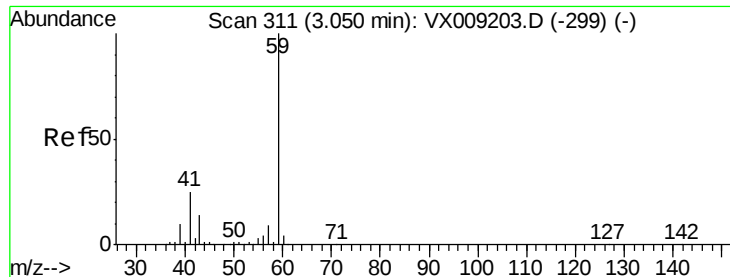


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



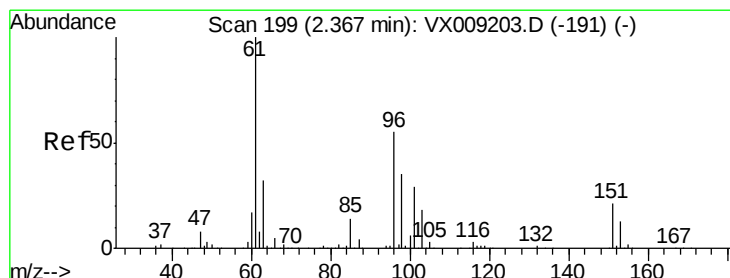
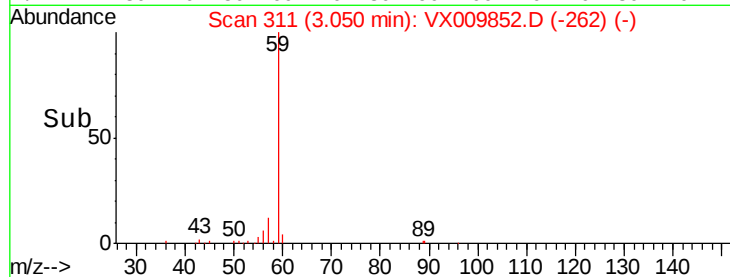
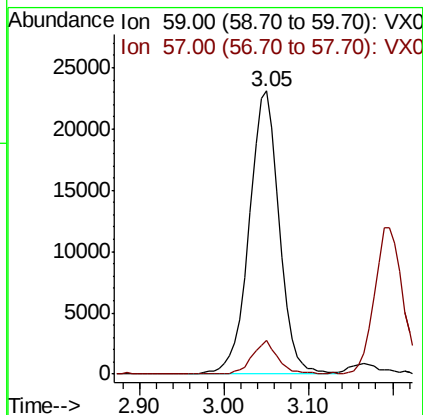
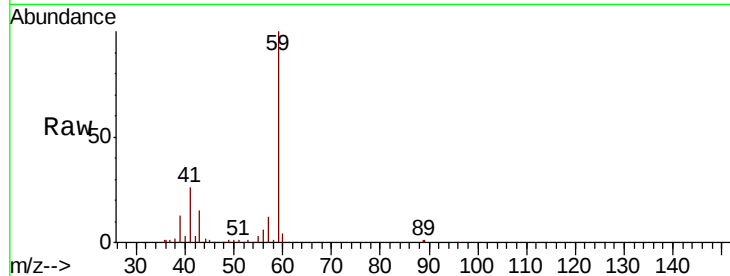


#11

Tert butyl alcohol
 Concen: 98.804 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

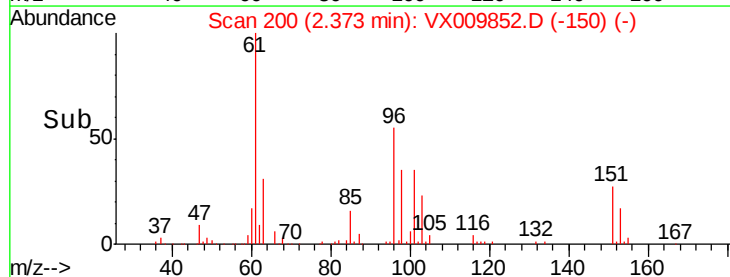
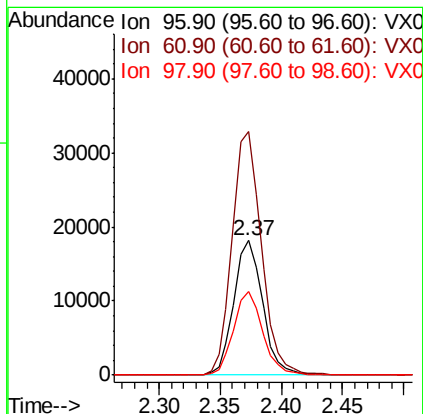
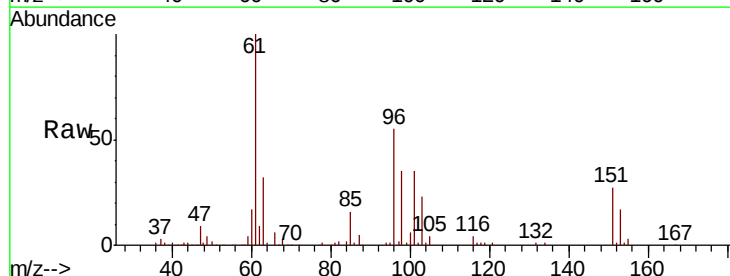
Tgt Ion: 59 Resp: 55973
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

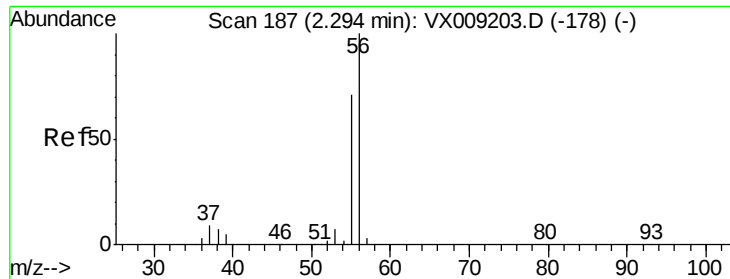


#12

1,1-Dichloroethene
 Concen: 17.642 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 96 Resp: 29676
 Ion Ratio Lower Upper
 96 100
 61 180.7 144.3 216.5
 98 62.5 50.3 75.5





#13

Acrolein

Concen: 78.407 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

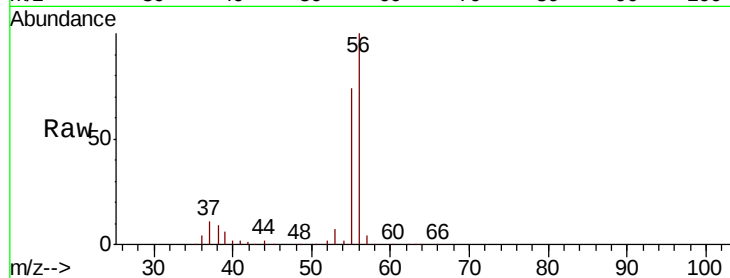
VX0523WBS01

Tgt Ion: 56 Resp: 40226

Ion Ratio Lower Upper

56 100

55 73.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

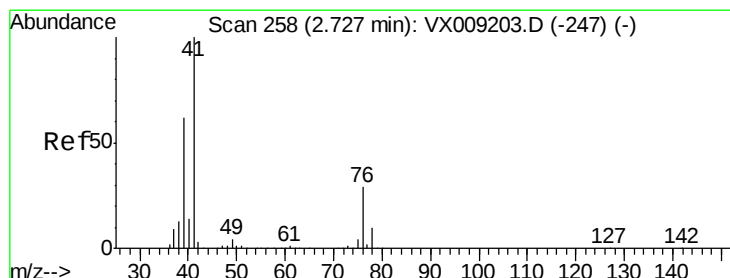
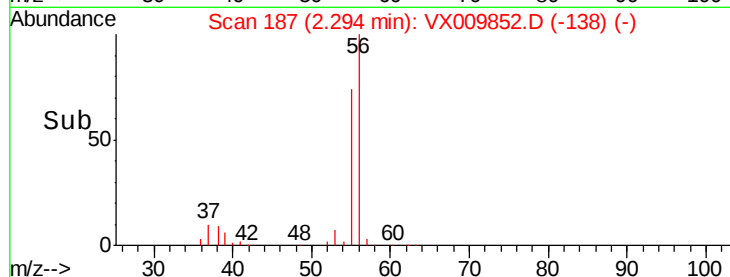
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.751 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

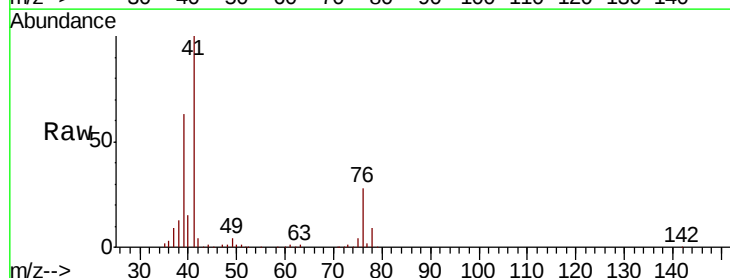
Tgt Ion: 41 Resp: 72767

Ion Ratio Lower Upper

41 100

39 60.4 46.7 70.1

76 25.9 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

60000

50000

40000

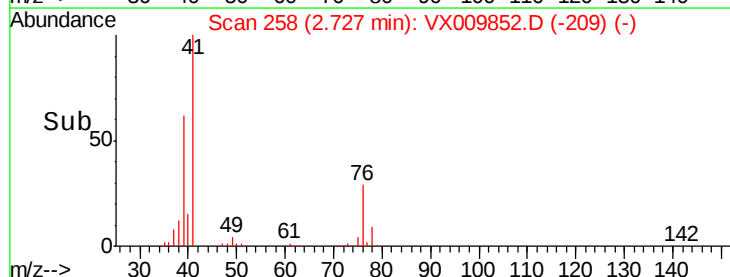
30000

20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 90.546 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

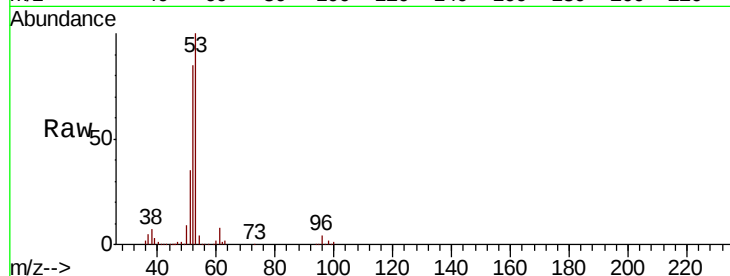
Tgt Ion: 53 Resp: 125419

Ion Ratio Lower Upper

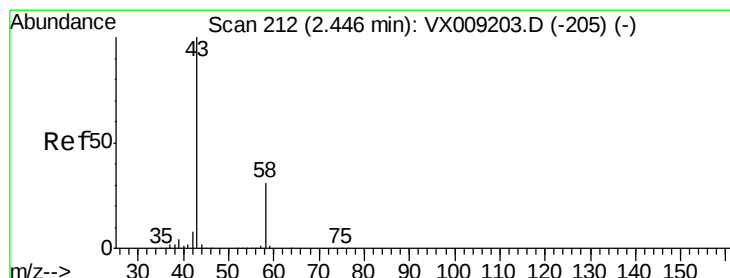
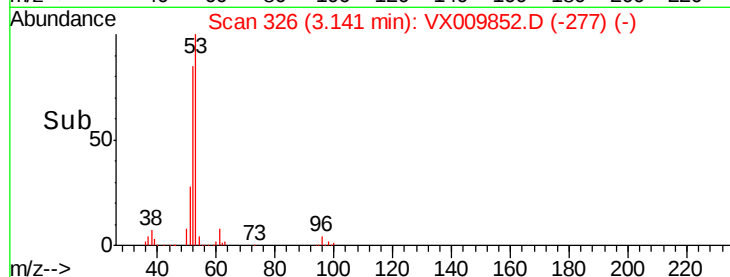
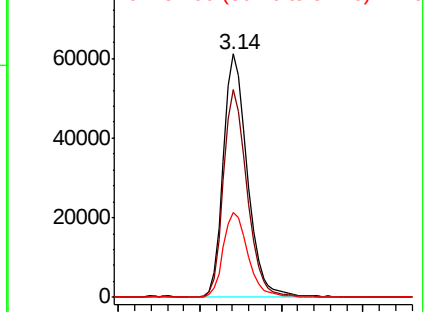
53 100

52 83.8 66.9 100.3

51 36.3 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: 92.541 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009852.D

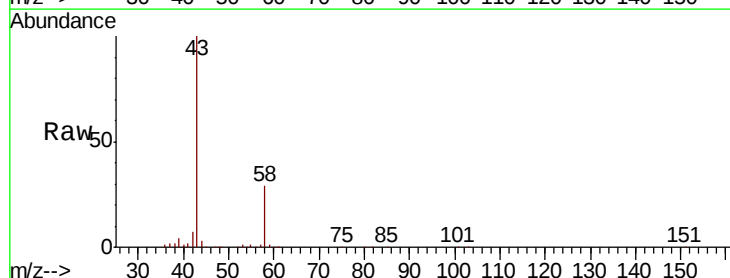
Acq: 23 May 2019 12:47

Tgt Ion: 43 Resp: 121612

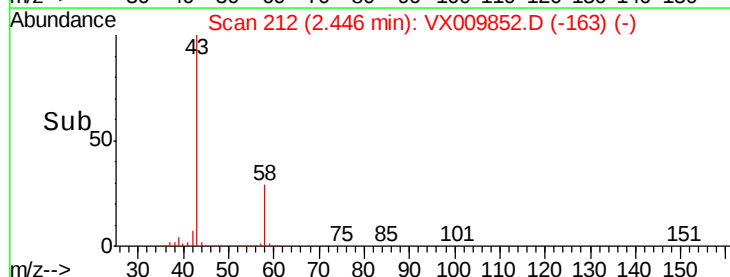
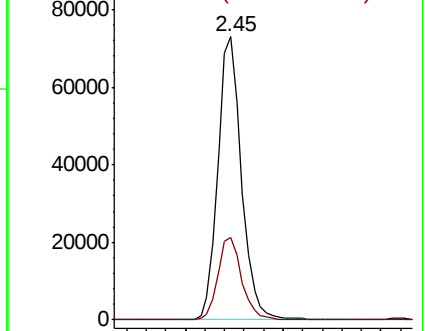
Ion Ratio Lower Upper

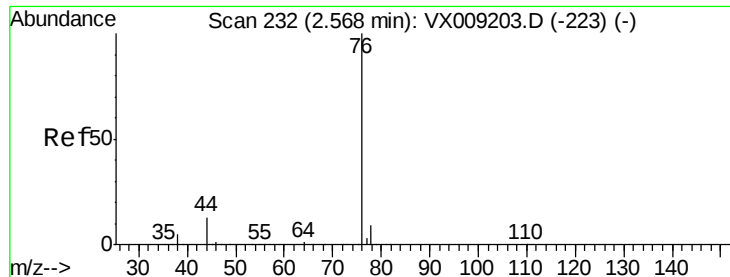
43 100

58 29.0 24.9 37.3



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

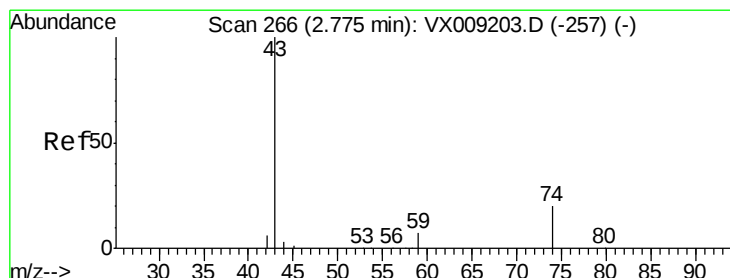
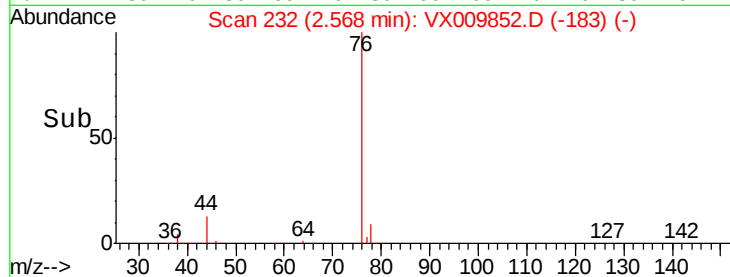
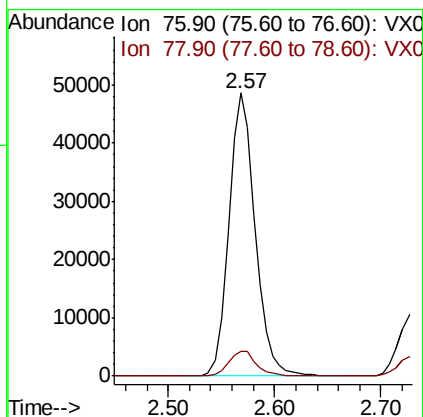
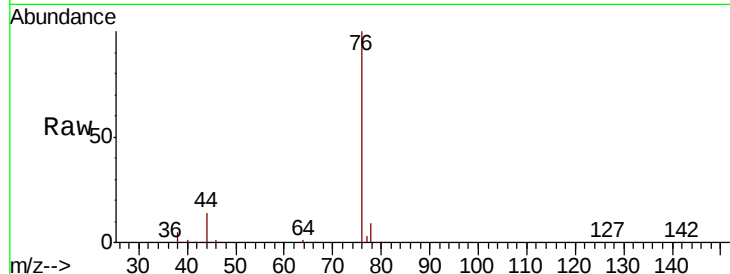




#17
Carbon Disulfide
Concen: 17.779 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

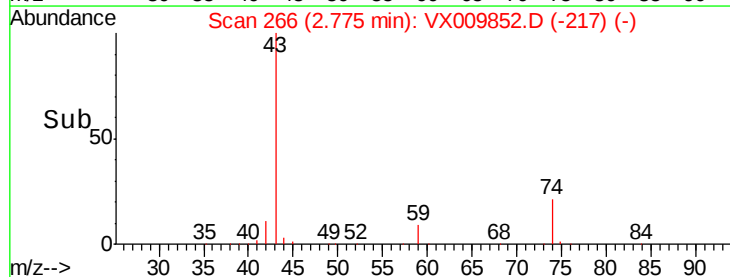
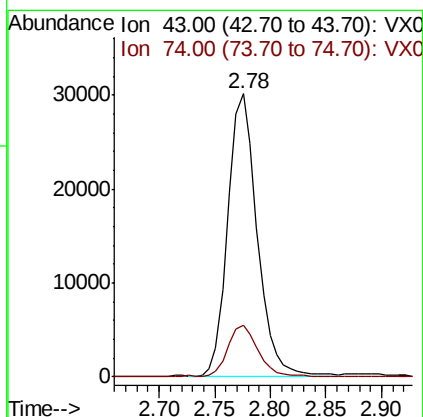
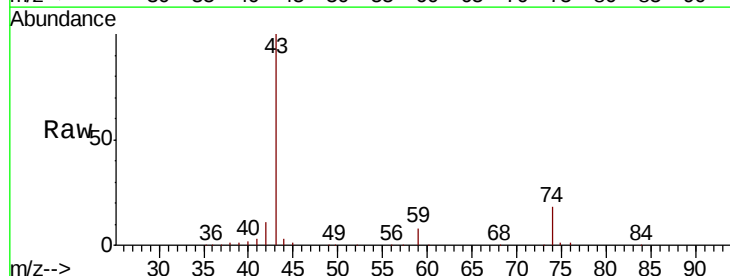
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 76 Resp: 83967
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.583 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 43 Resp: 54953
Ion Ratio Lower Upper
43 100
74 19.4 16.2 24.4

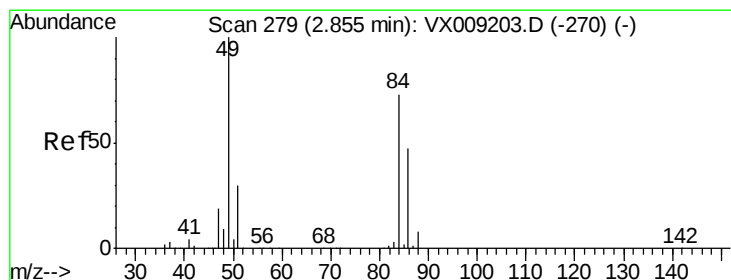
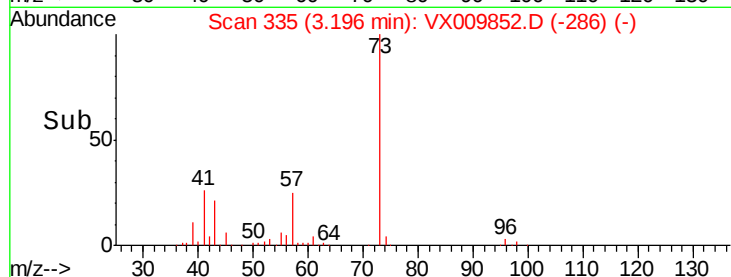
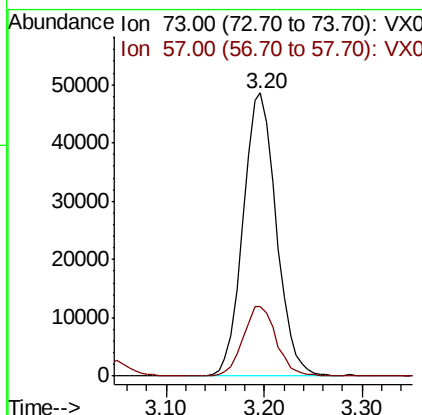
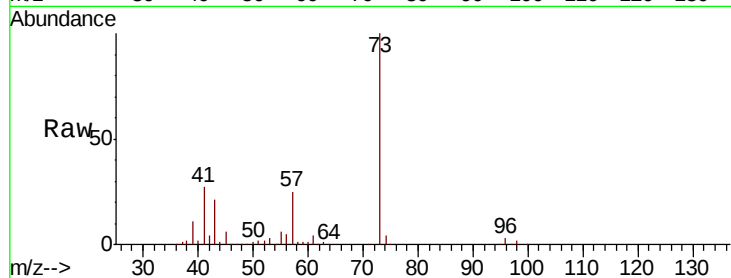




#19
Methyl tert-butyl Ether
Concen: 17.499 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

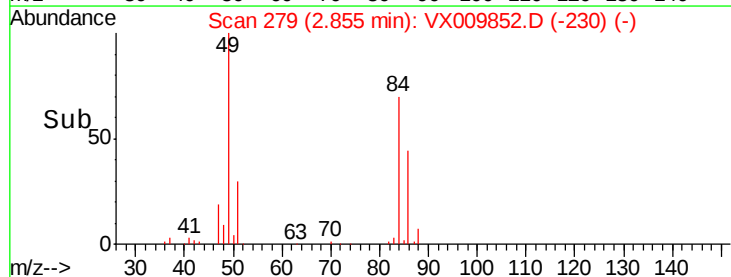
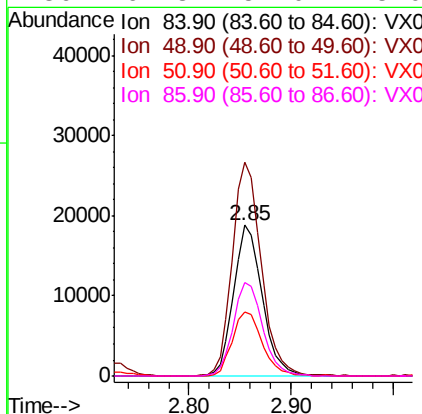
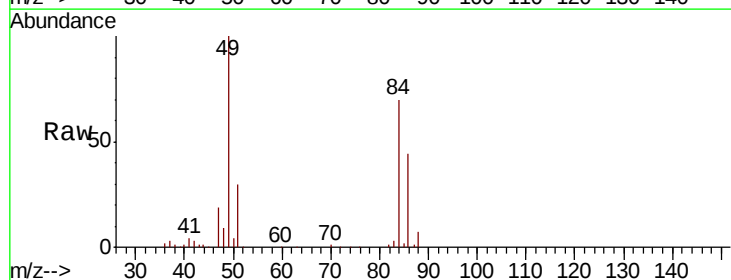
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 73 Resp: 114310
Ion Ratio Lower Upper
73 100
57 24.7 19.3 28.9



#20
Methylene Chloride
Concen: 17.190 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 84 Resp: 36576
Ion Ratio Lower Upper
84 100
49 141.9 109.9 164.9
51 42.2 32.7 49.1
86 62.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.485 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

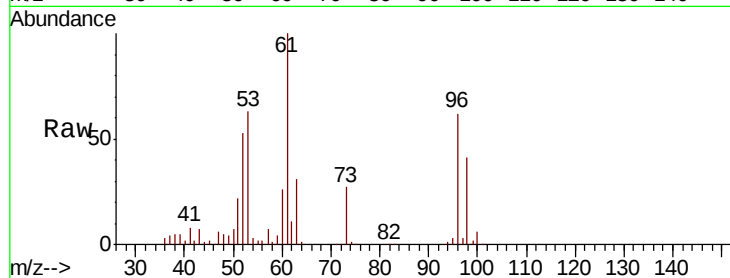
Tgt Ion: 96 Resp: 31897

Ion Ratio Lower Upper

96 100

61 161.0 124.5 186.7

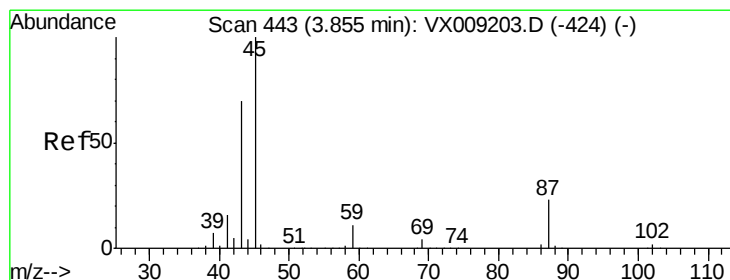
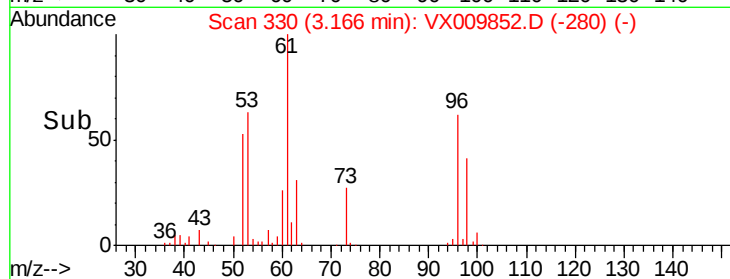
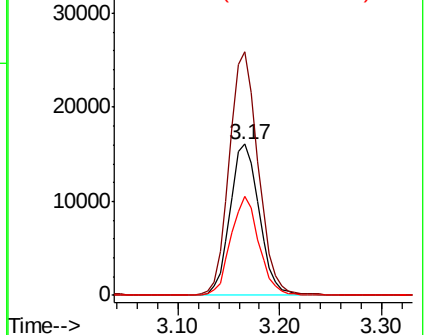
98 65.8 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.277 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion: 45 Resp: 144085

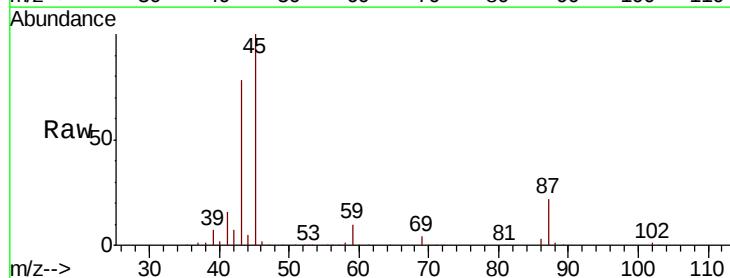
Ion Ratio Lower Upper

45 100

43 77.2 56.1 84.1

87 21.5 18.1 27.1

59 10.3 8.5 12.7

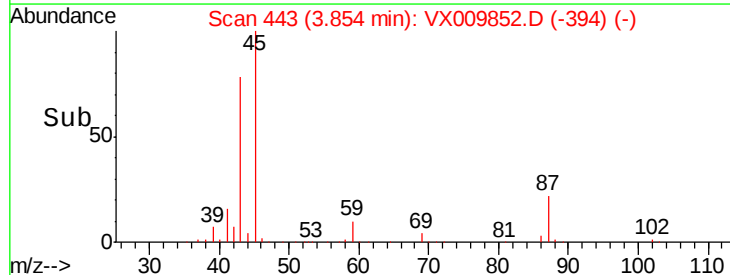
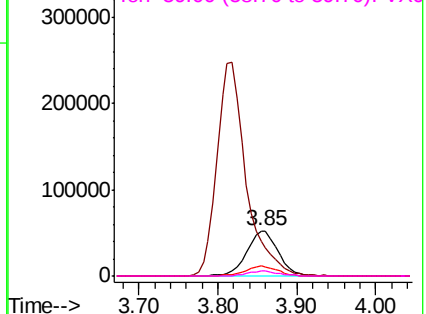


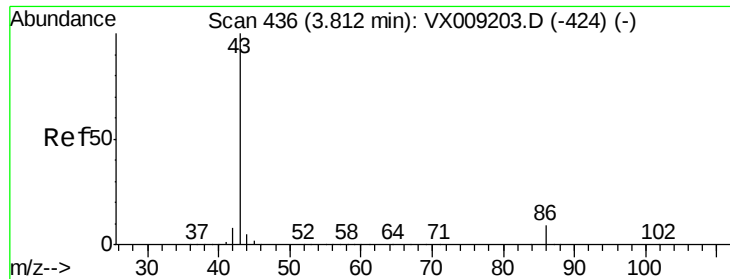
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.960 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

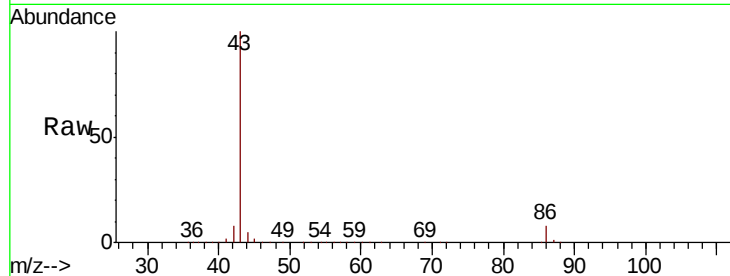
VX0523WBS01

Tgt Ion: 43 Resp: 641058

Ion Ratio Lower Upper

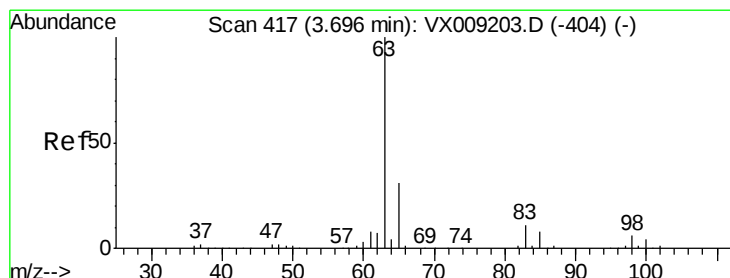
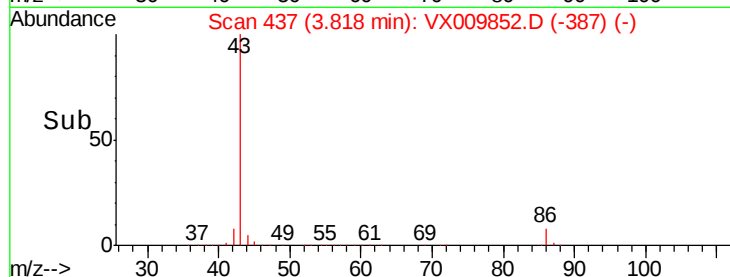
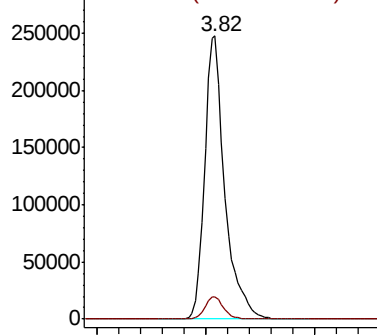
43 100

86 7.9 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: 17.444 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

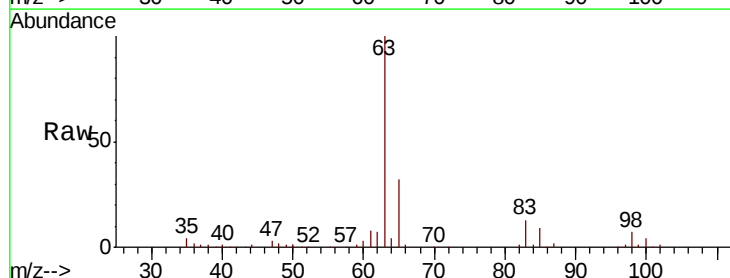
Tgt Ion: 63 Resp: 67842

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

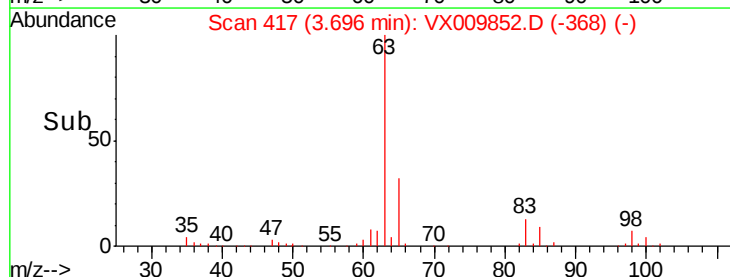
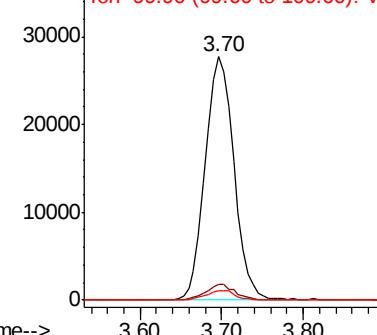
100 3.8 2.0 6.0

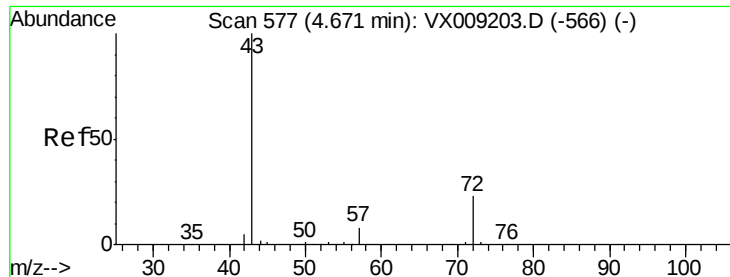


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.806 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

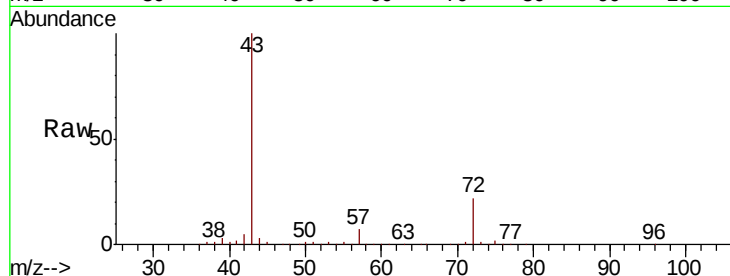
VX0523WBS01

Tgt Ion: 43 Resp: 193606

Ion Ratio Lower Upper

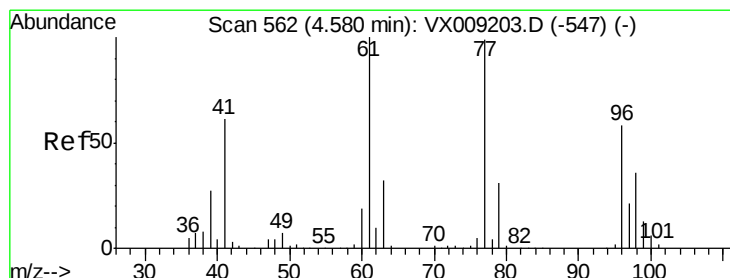
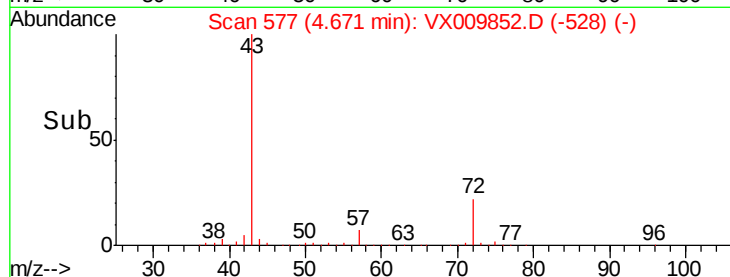
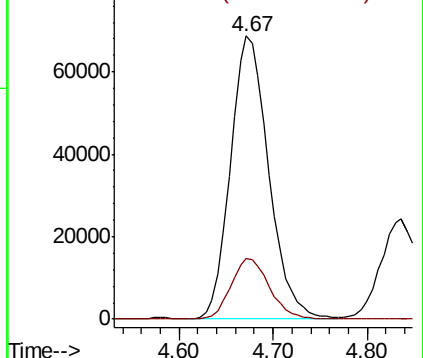
43 100

72 21.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.689 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009852.D

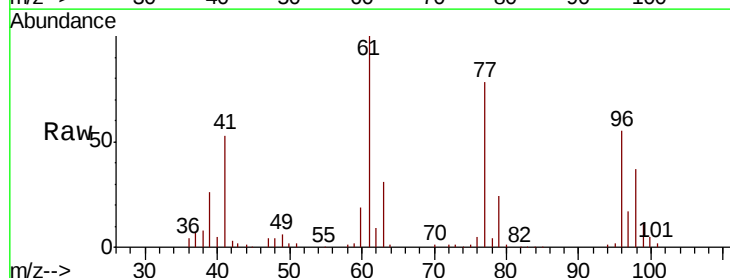
Acq: 23 May 2019 12:47

Tgt Ion: 77 Resp: 48312

Ion Ratio Lower Upper

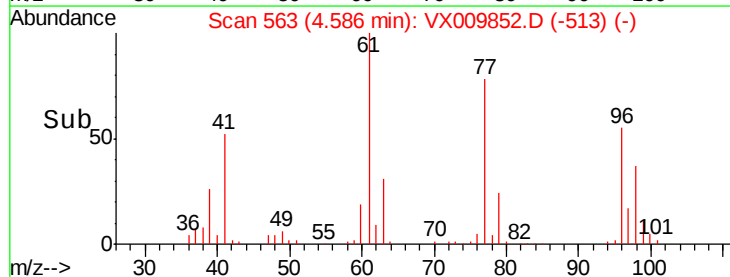
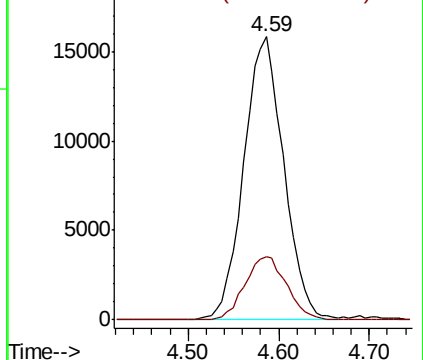
77 100

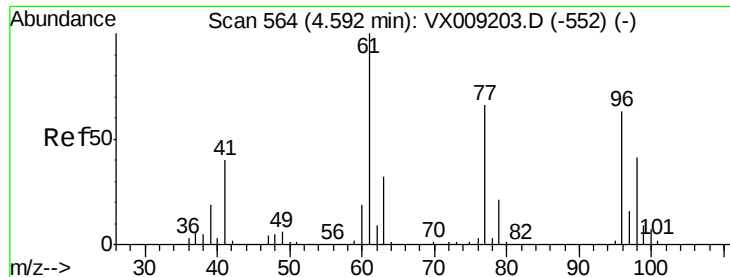
97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



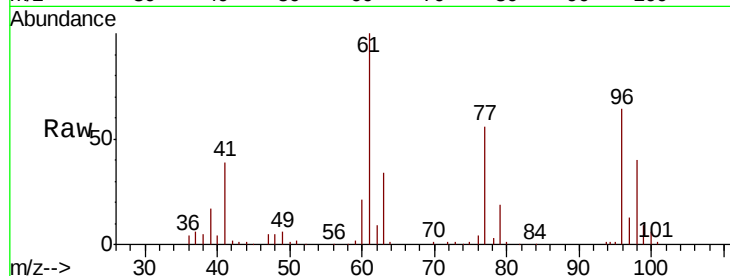


#27

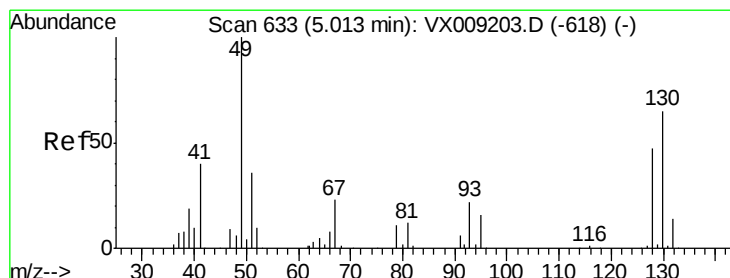
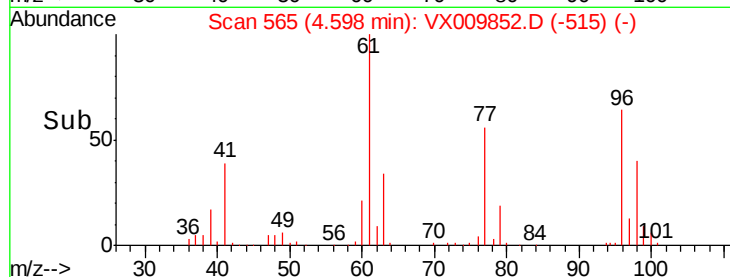
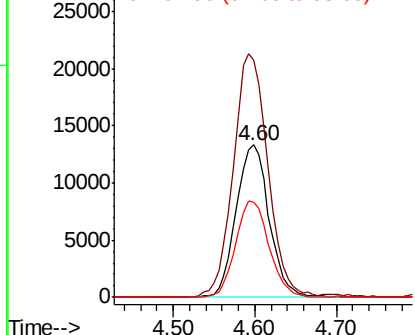
cis-1,2-Dichloroethene
 Concen: 17.194 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0523WBS01

Tgt Ion: 96 Resp: 37440
 Ion Ratio Lower Upper
 96 100
 61 167.4 0.0 324.0
 98 63.9 0.0 130.4



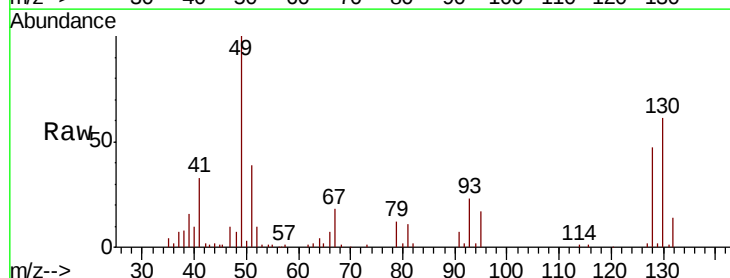
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



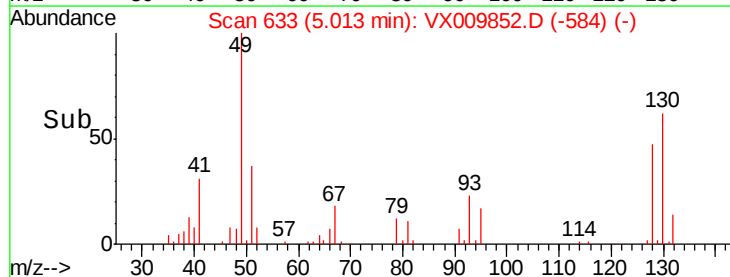
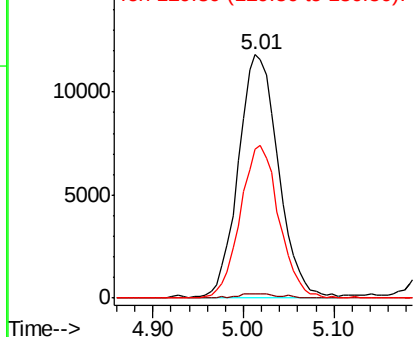
#28

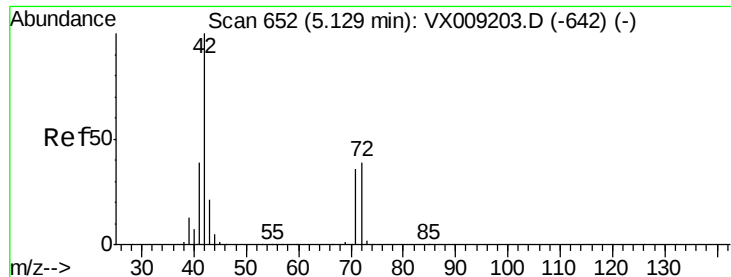
Bromochloromethane
 Concen: 21.651 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 49 Resp: 36328
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 60.3 51.2 76.8



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

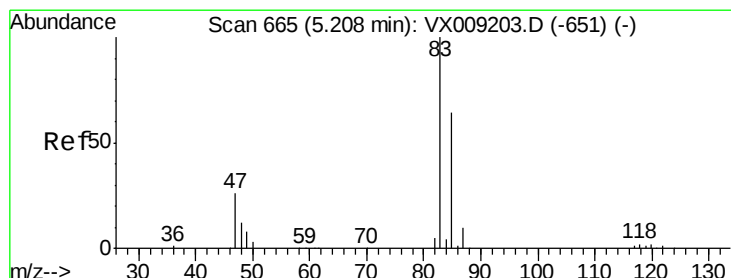
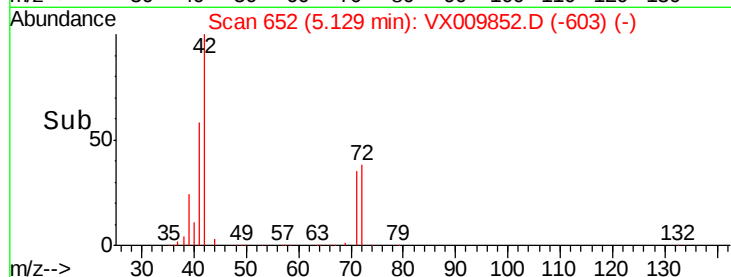
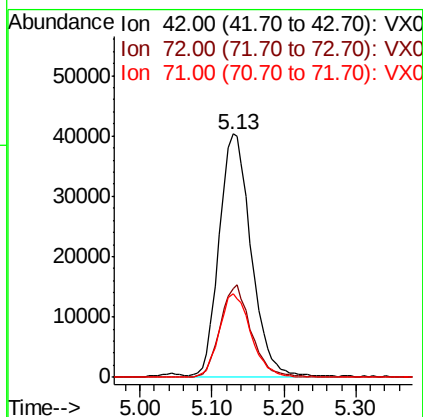
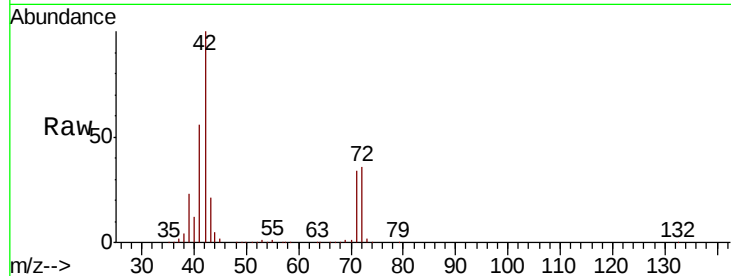




#29
Tetrahydrofuran
Concen: 94.139 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

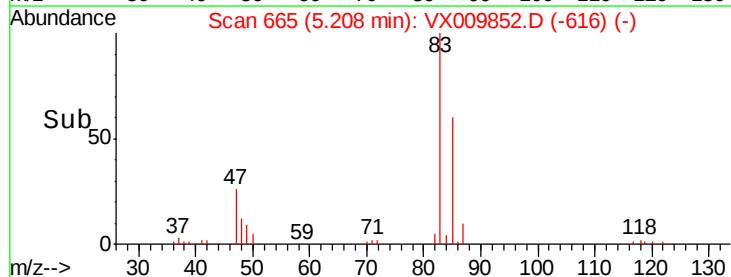
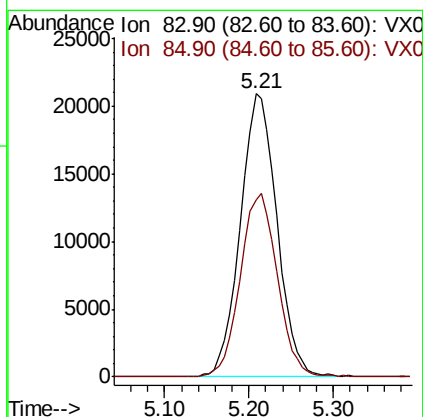
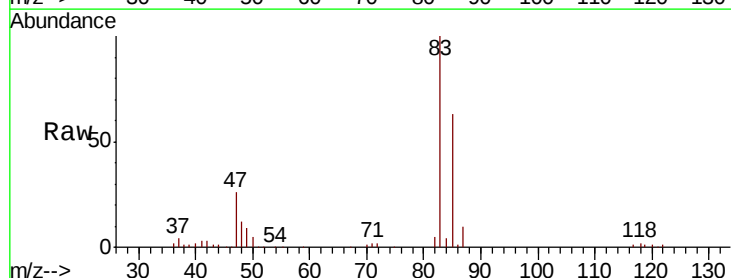
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

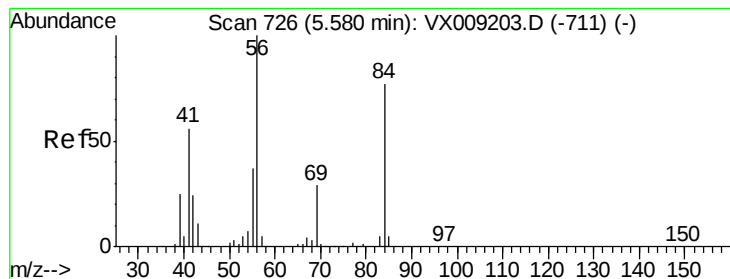
Tgt Ion: 42 Resp: 123708
Ion Ratio Lower Upper
42 100
72 37.0 30.4 45.6
71 34.3 28.6 43.0



#30
Chloroform
Concen: 17.537 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 83 Resp: 61684
Ion Ratio Lower Upper
83 100
85 62.7 51.5 77.3





#31

Cyclohexane

Concen: 18.379 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

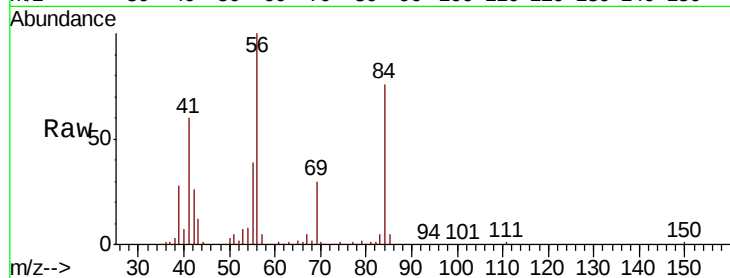
Tgt Ion: 56 Resp: 66502

Ion Ratio Lower Upper

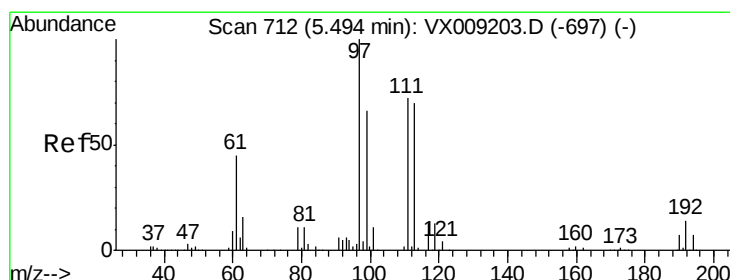
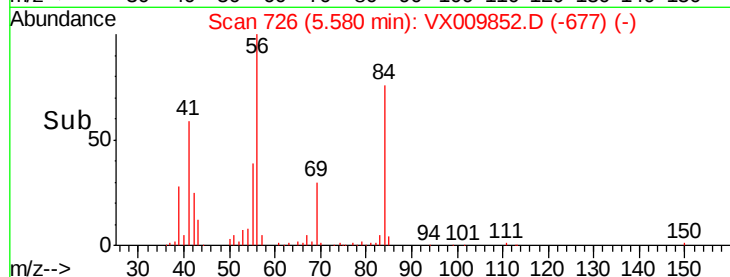
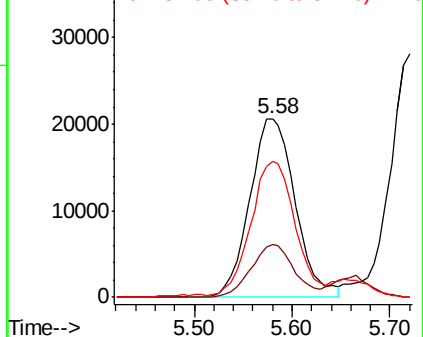
56 100

69 29.9 23.4 35.0

84 75.0 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 17.347 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

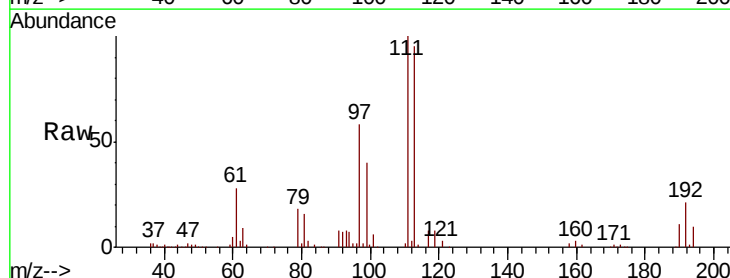
Tgt Ion: 97 Resp: 50795

Ion Ratio Lower Upper

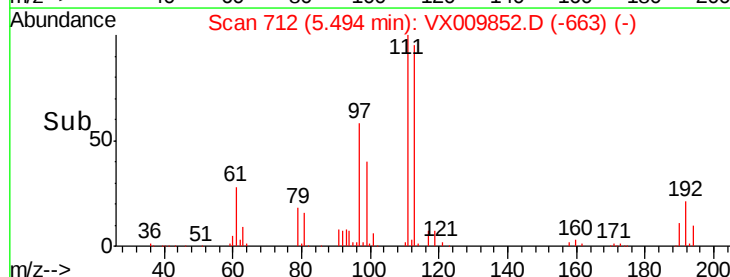
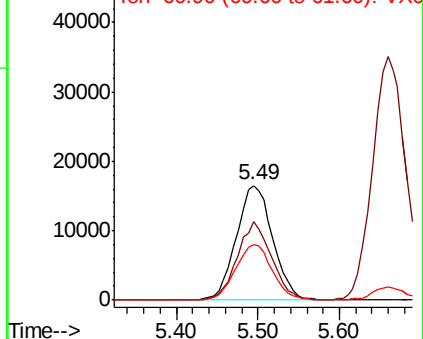
97 100

99 64.5 51.8 77.8

61 49.2 37.8 56.8



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





#33

1,2-Dichloroethane-d4

Concen: 46.355 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

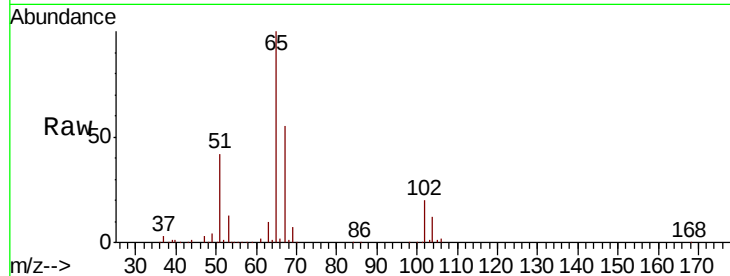
VX0523WBS01

Tgt Ion: 65 Resp: 113447

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6

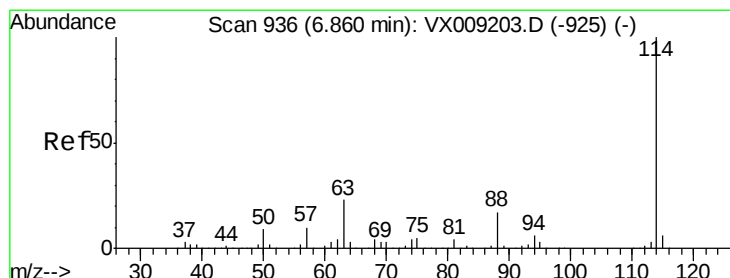
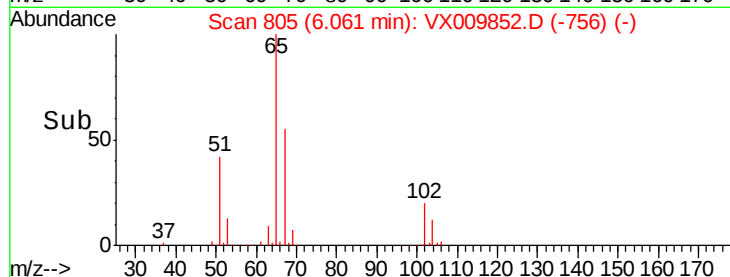


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

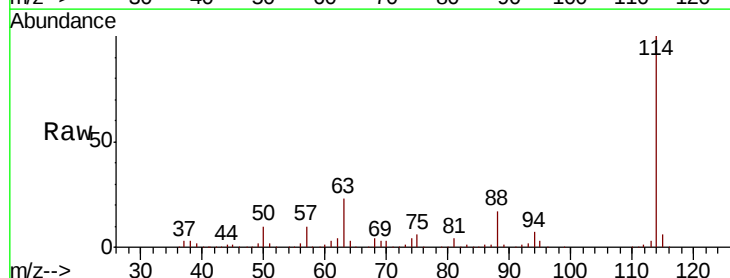
Tgt Ion: 114 Resp: 286126

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

88 16.5 0.0 33.2



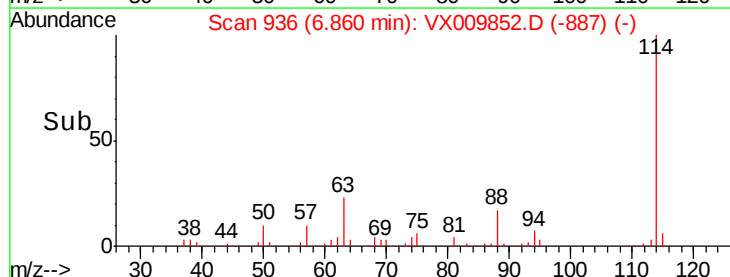
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->

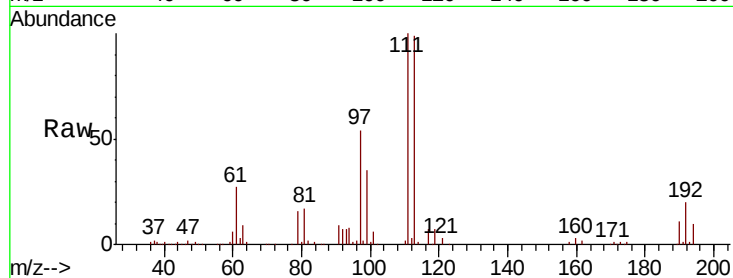




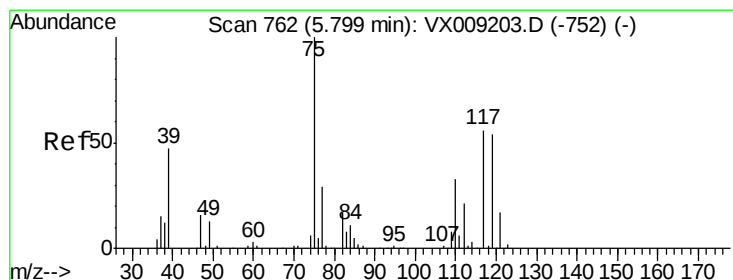
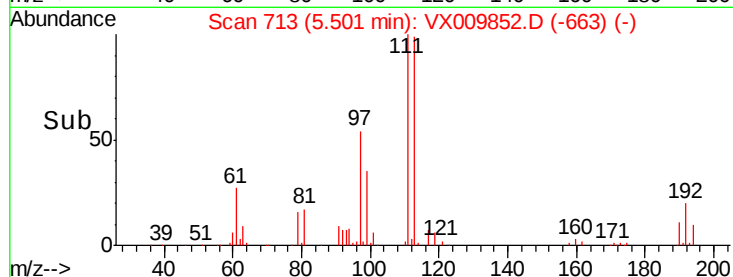
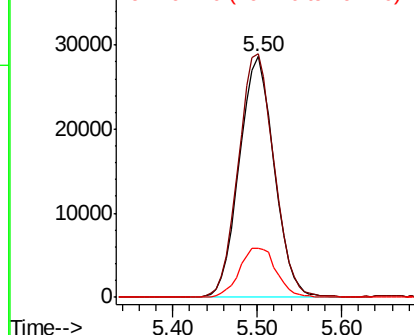
#35
 Dibromofluoromethane
 Concen: 44.628 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tgt Ion:113 Resp: 80272
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.8 124.2
 192 21.6 17.0 25.6

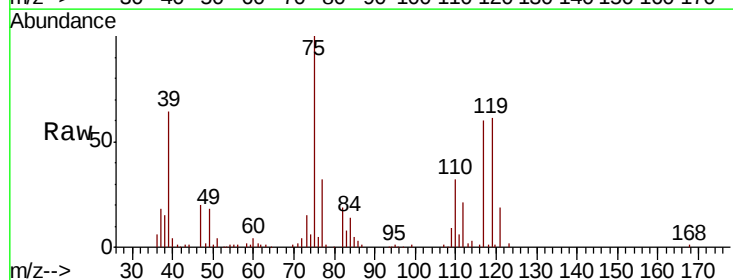


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

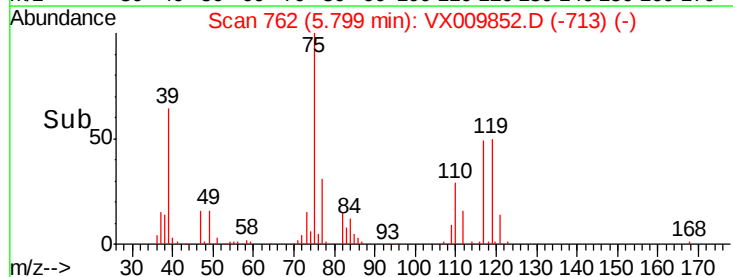
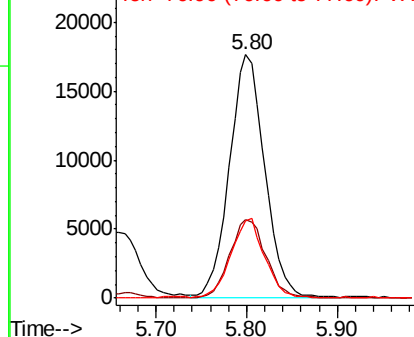


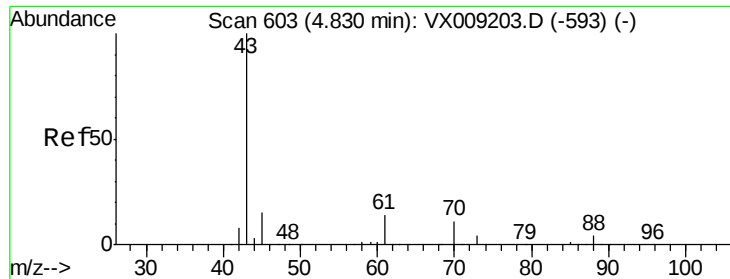
#36
 1,1-Dichloropropene
 Concen: 17.726 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 75 Resp: 47133
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 31.7 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.185 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0523WBS01

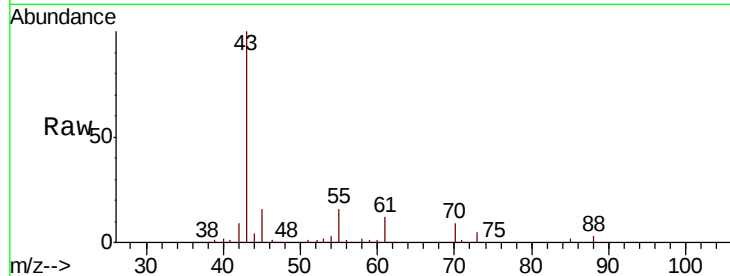
Tgt Ion: 43 Resp: 71075

Ion Ratio Lower Upper

43 100

61 12.2 10.5 15.7

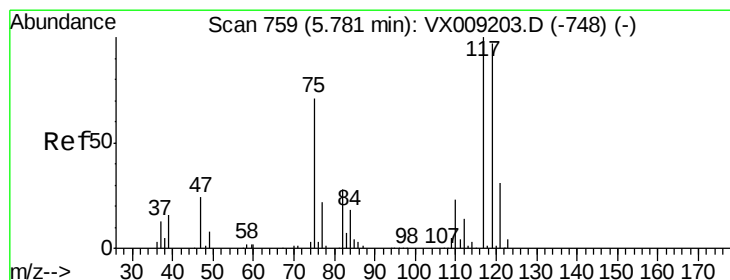
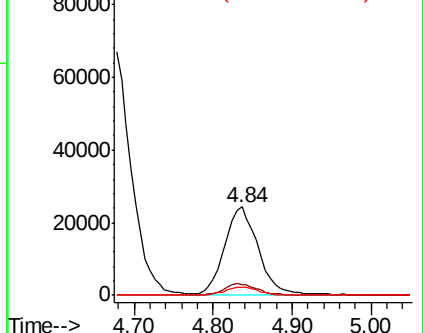
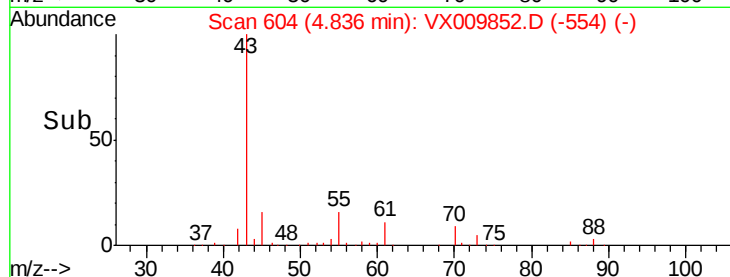
70 9.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.161 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

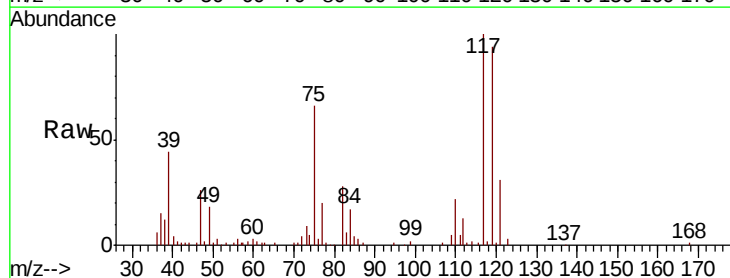
Tgt Ion: 117 Resp: 41460

Ion Ratio Lower Upper

117 100

119 93.6 77.5 116.3

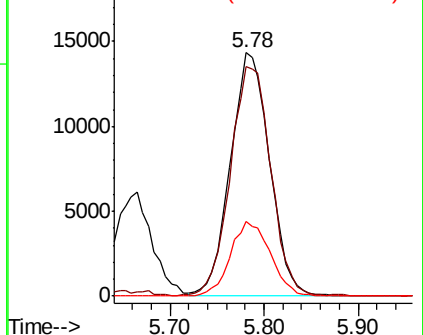
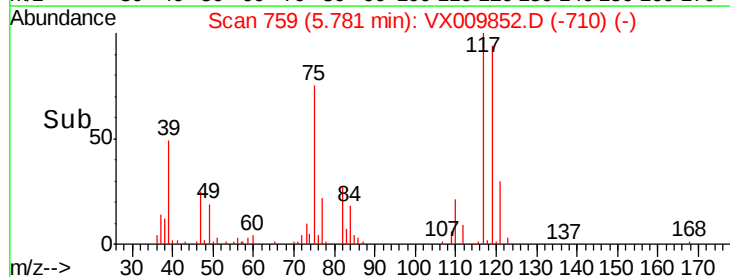
121 30.6 24.7 37.1

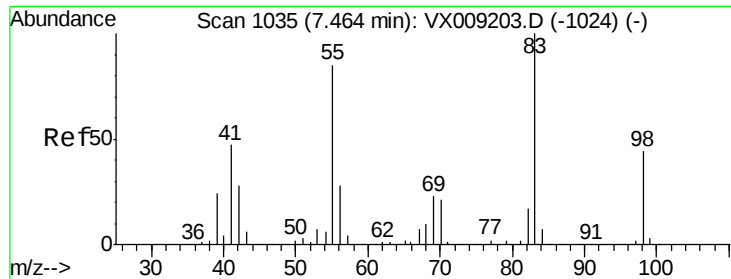


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

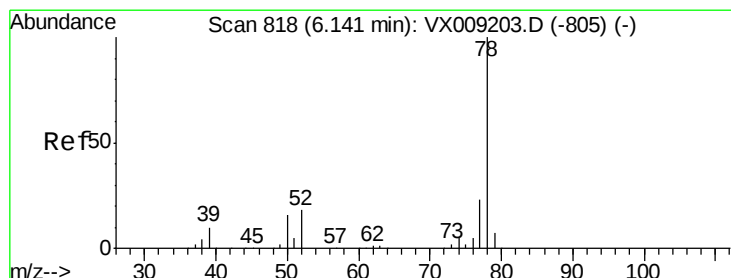
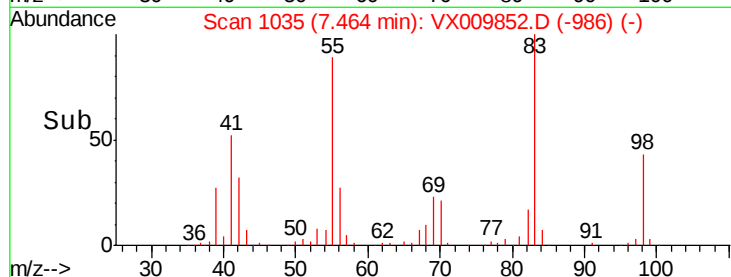
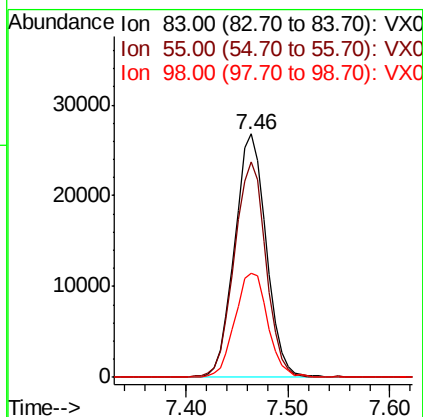
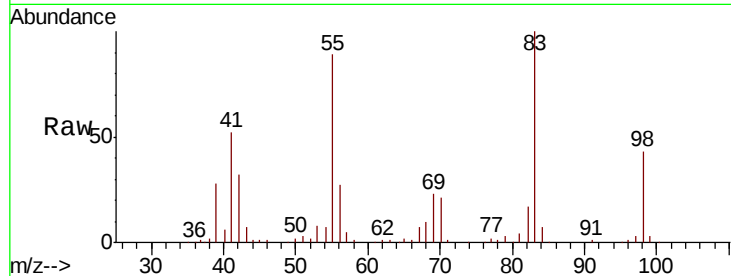




#39
Methylcyclohexane
Concen: 17.649 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

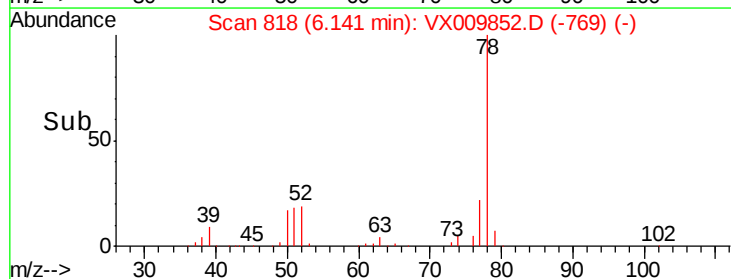
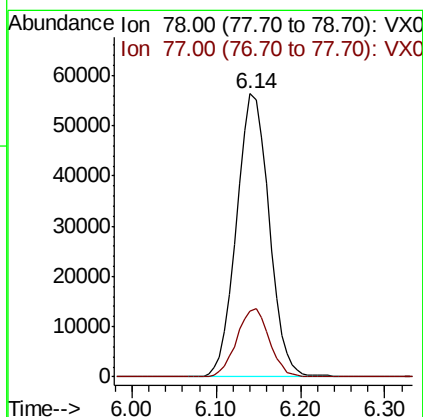
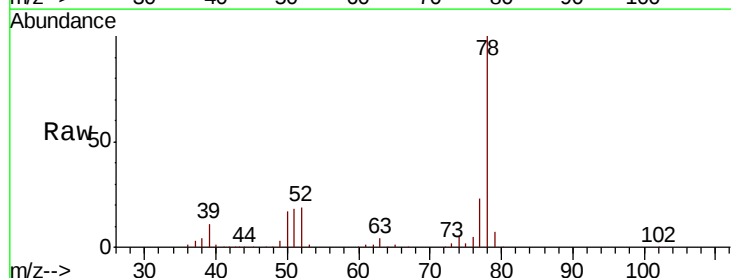
Instrument :
MSVOA_X
ClientSampled :
VX0523WBS01

Tgt Ion: 83 Resp: 57633
Ion Ratio Lower Upper
83 100
55 88.8 67.7 101.5
98 42.9 35.5 53.3



#40
Benzene
Concen: 17.955 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 78 Resp: 147757
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2





#41

Methacrylonitrile

Concen: 17.959 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0523WBS01

Tgt Ion: 41 Resp: 39606

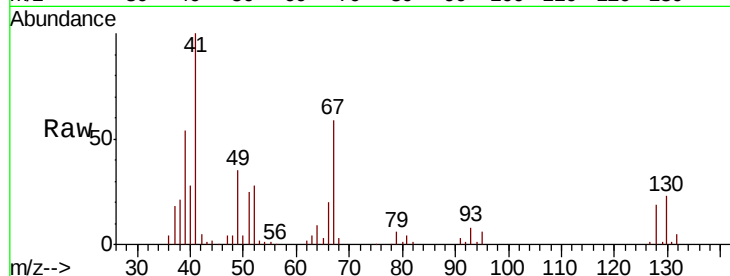
Ion Ratio Lower Upper

41 100

39 52.6 42.0 63.0

67 61.4 49.8 74.8

52 27.3 20.3 30.5

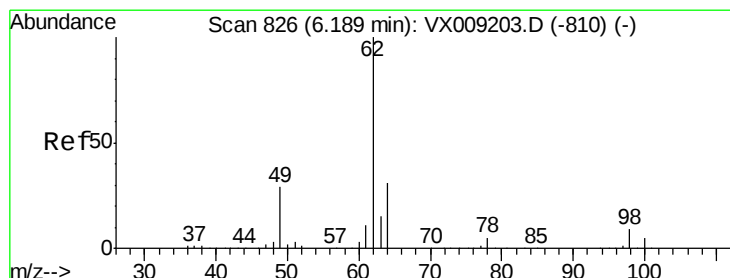
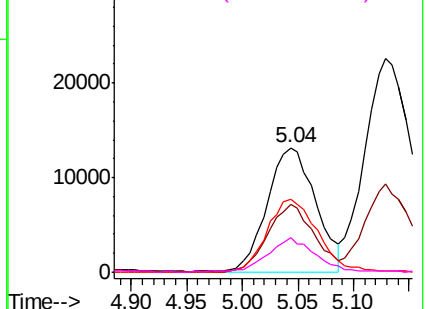
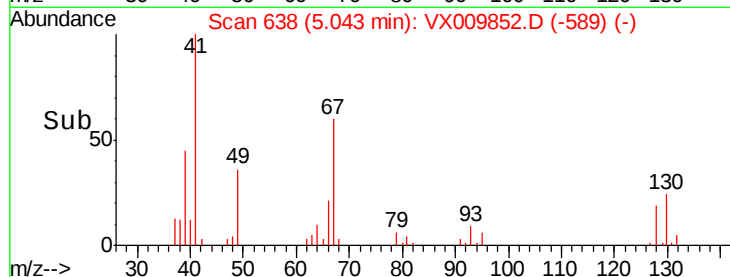


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.499 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009852.D

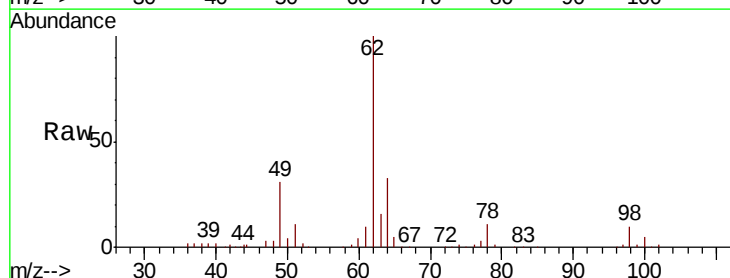
Acq: 23 May 2019 12:47

Tgt Ion: 62 Resp: 54608

Ion Ratio Lower Upper

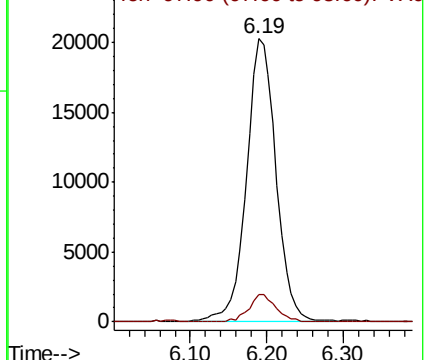
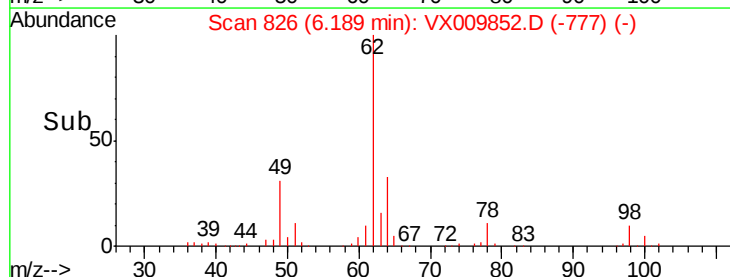
62 100

98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.736 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

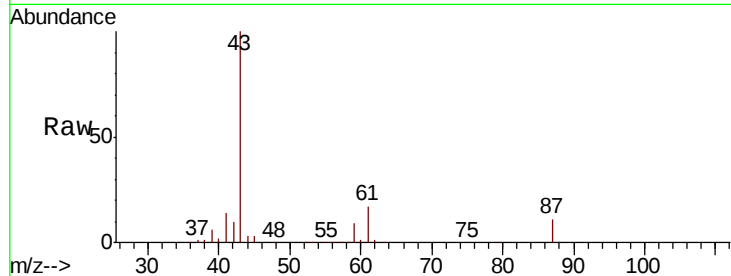
Tgt Ion: 43 Resp: 111027

Ion Ratio Lower Upper

43 100

61 17.8 15.1 22.7

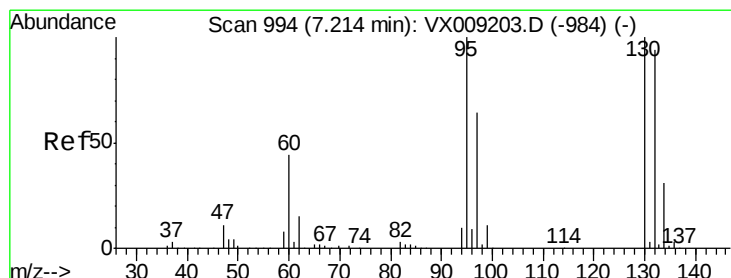
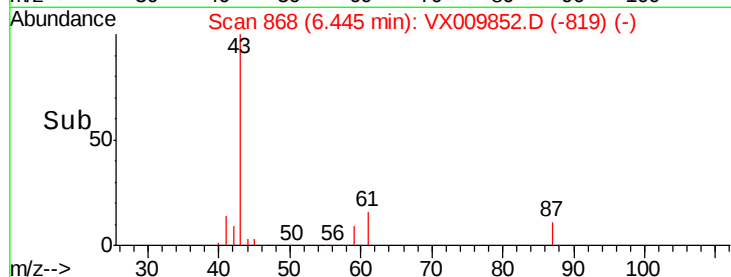
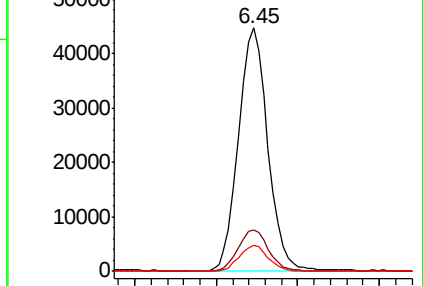
87 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.911 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009852.D

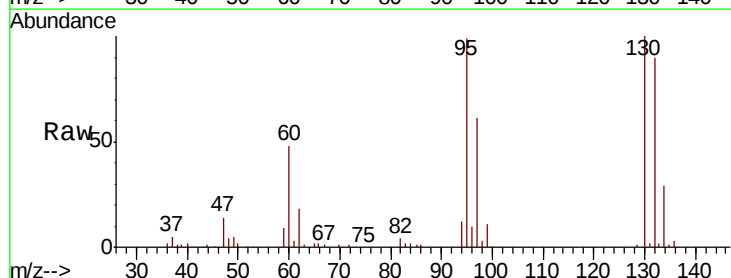
Acq: 23 May 2019 12:47

Tgt Ion: 130 Resp: 33643

Ion Ratio Lower Upper

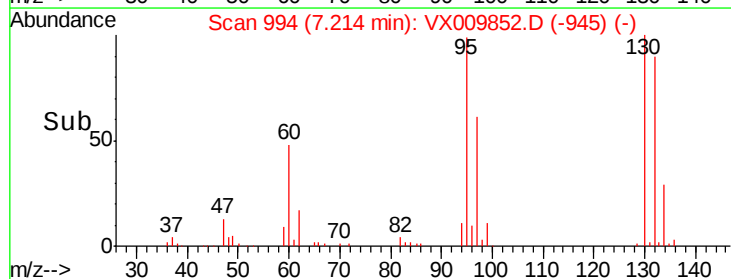
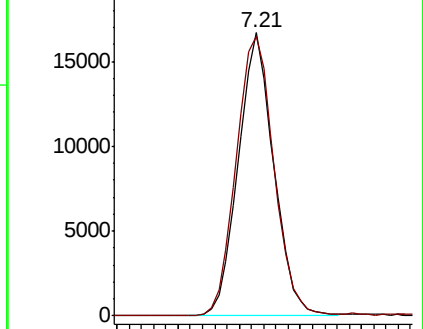
130 100

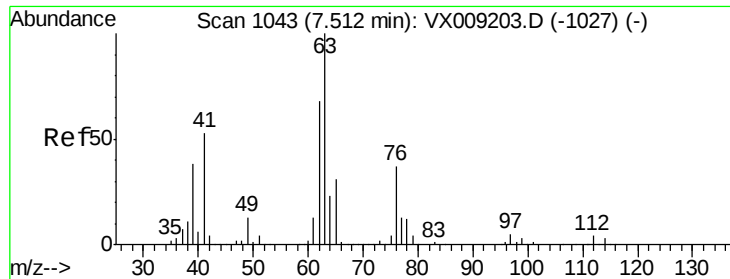
95 98.7 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

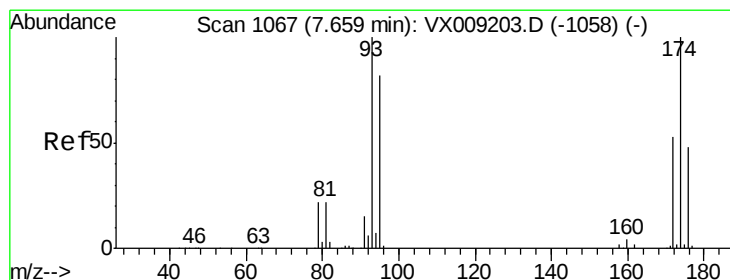
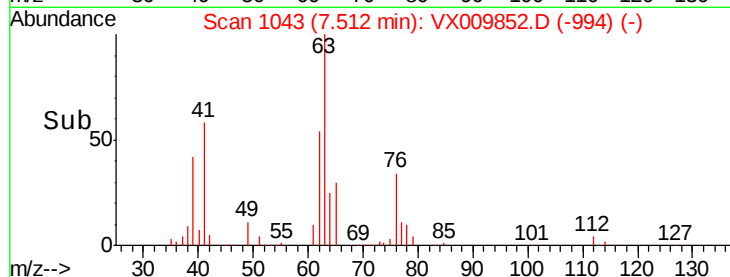
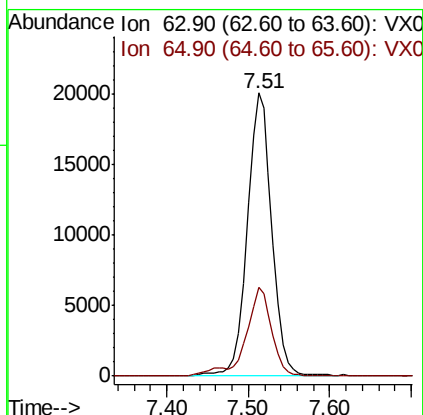
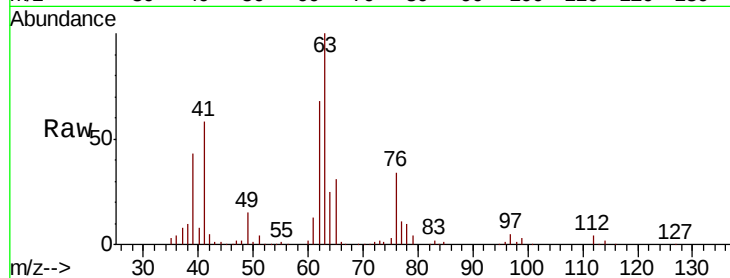




#45
 1,2-Dichloropropane
 Concen: 17.958 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

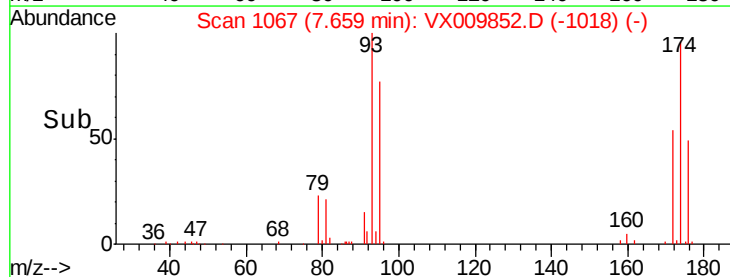
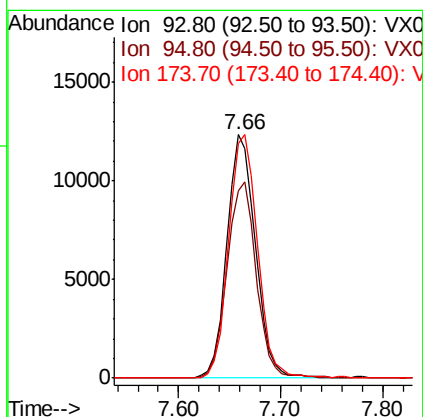
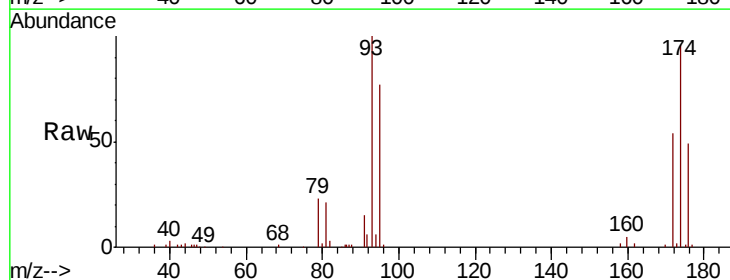
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tgt Ion: 63 Resp: 41844
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 17.609 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 93 Resp: 23827
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 101.1 82.1 123.1





#47

Bromodichloromethane

Concen: 17.206 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

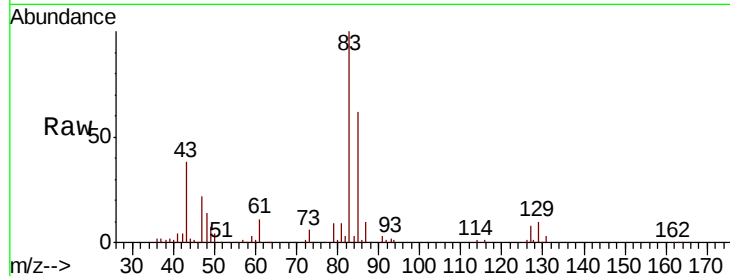
Tgt Ion: 83 Resp: 46442

Ion Ratio Lower Upper

83 100

85 62.4 52.4 78.6

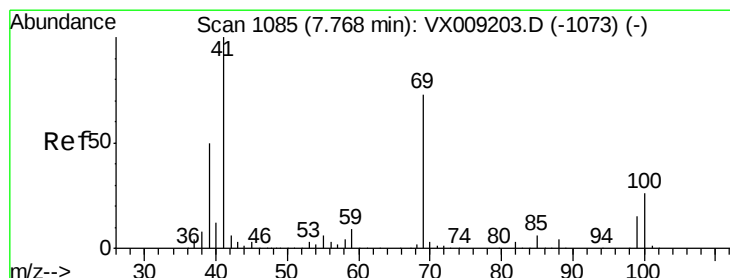
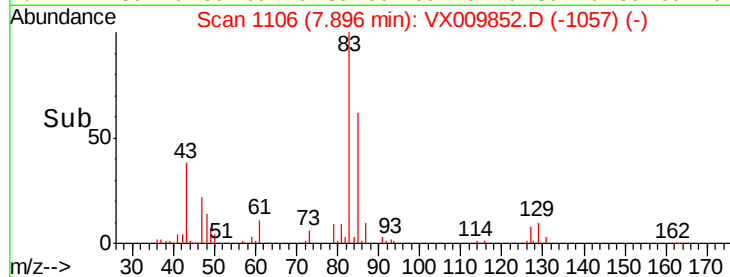
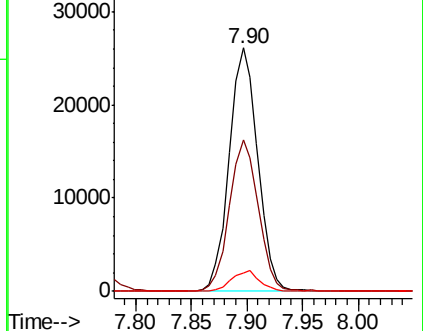
127 7.8 6.6 10.0



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: 18.981 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

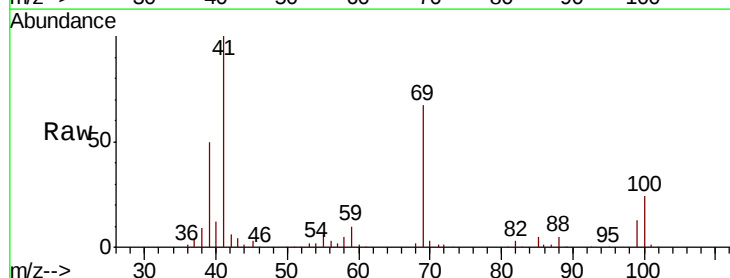
Tgt Ion: 41 Resp: 55806

Ion Ratio Lower Upper

41 100

69 70.7 59.1 88.7

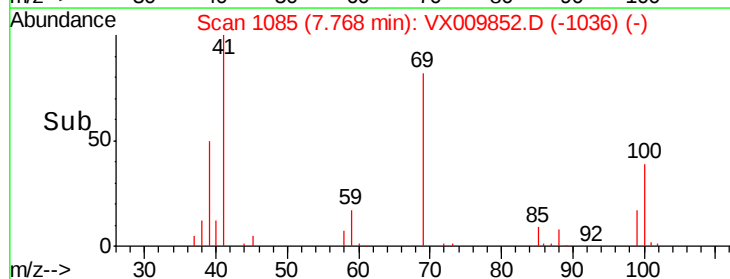
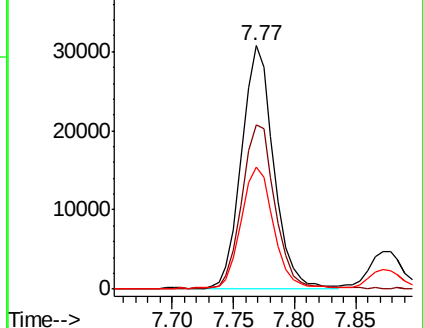
39 51.0 40.4 60.6

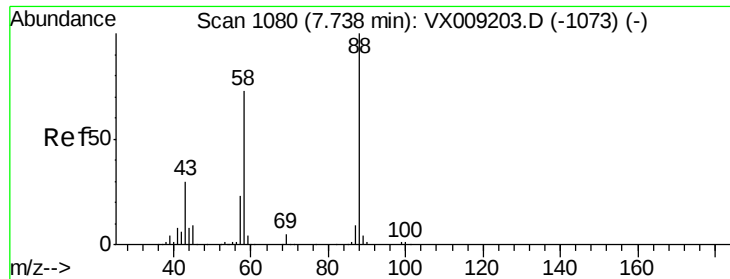


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

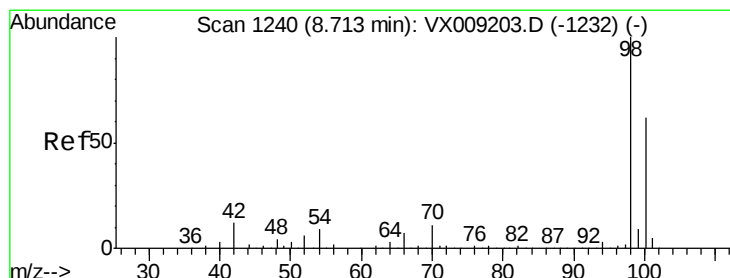
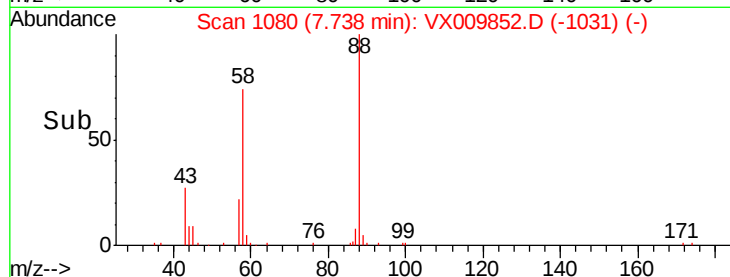
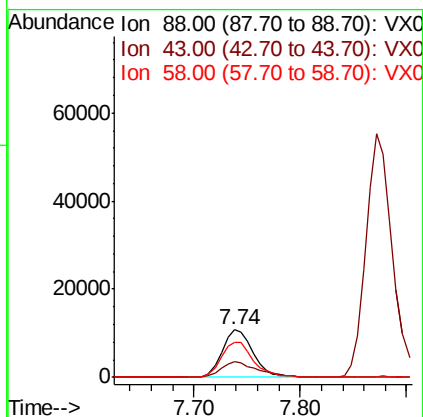
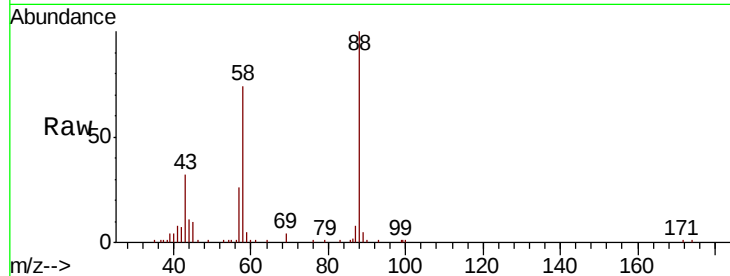




#49
1,4-Dioxane
Concen: 365.510 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

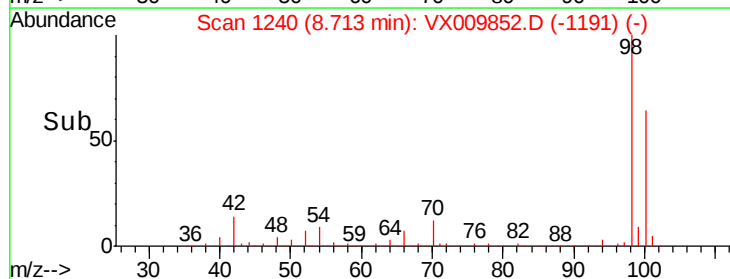
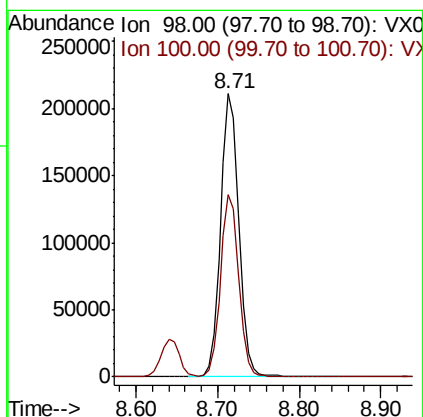
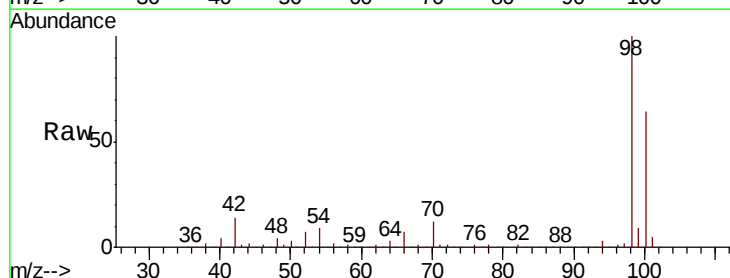
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

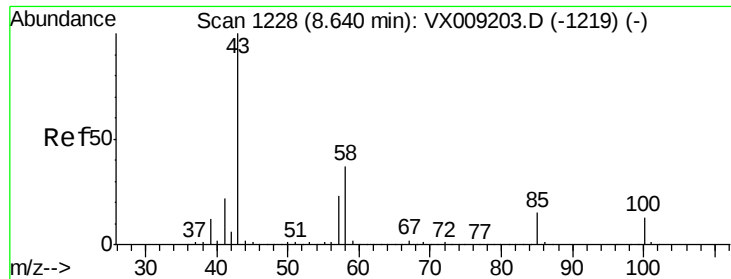
Tgt Ion: 88 Resp: 21793
Ion Ratio Lower Upper
88 100
43 36.4 28.6 42.8
58 78.9 61.7 92.5



#50
Toluene-d8
Concen: 45.596 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 98 Resp: 331108
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

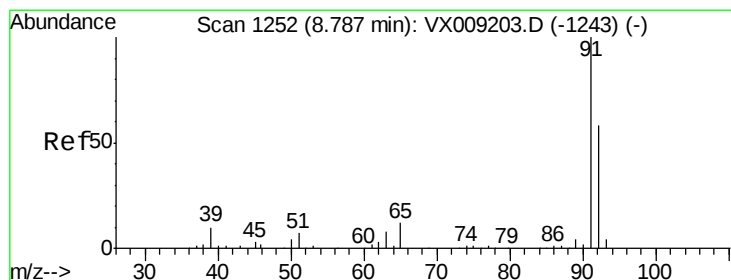
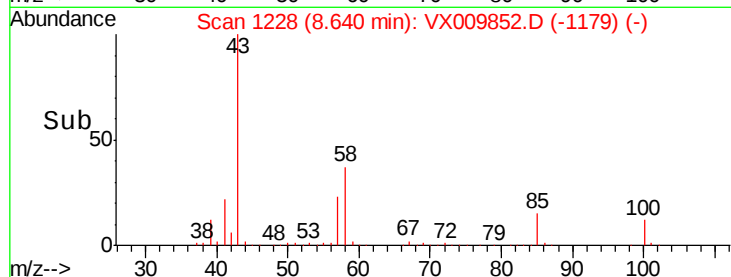
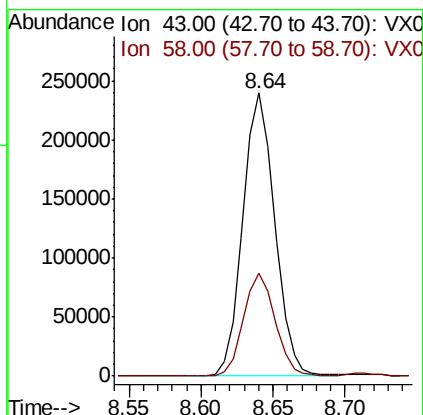
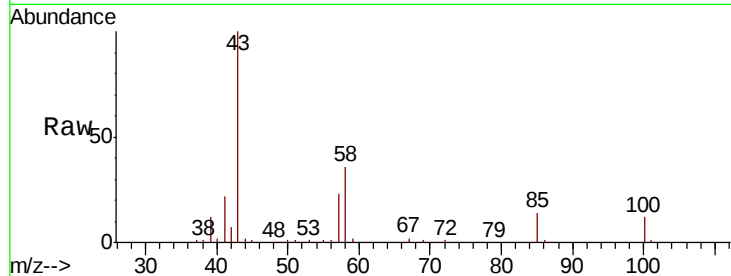




#51
4-Methyl-2-Pentanone
Concen: 95.014 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

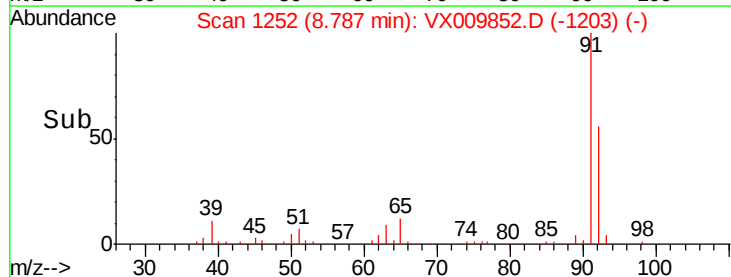
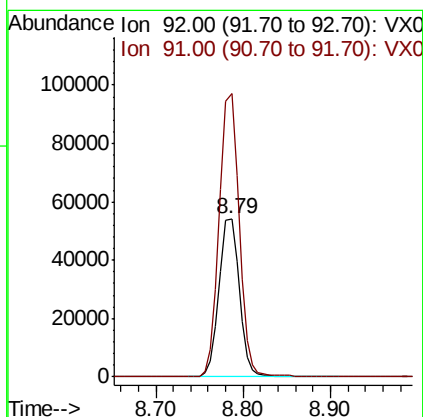
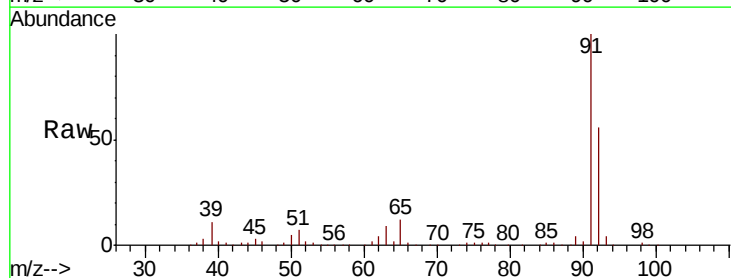
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

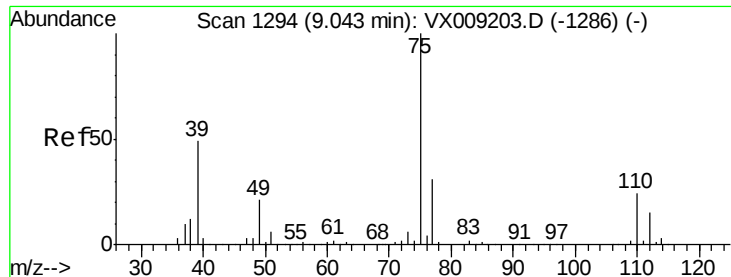
Tgt Ion: 43 Resp: 368024
Ion Ratio Lower Upper
43 100
58 35.9 29.5 44.3



#52
Toluene
Concen: 17.612 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 92 Resp: 88102
Ion Ratio Lower Upper
92 100
91 176.0 138.8 208.2

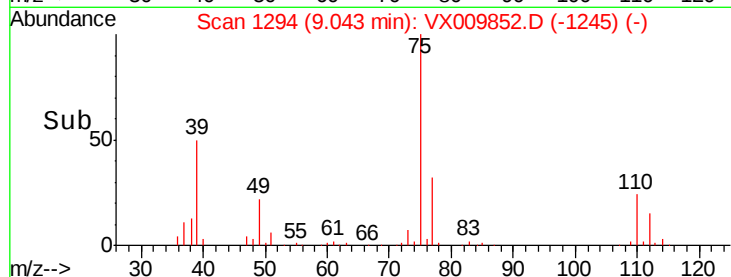
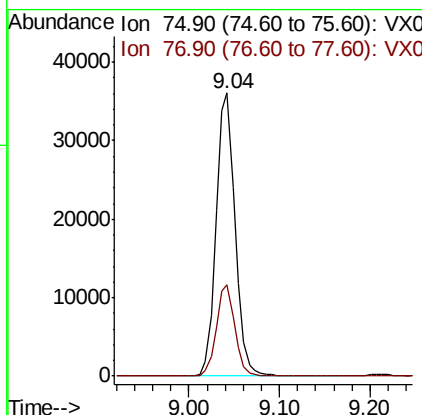
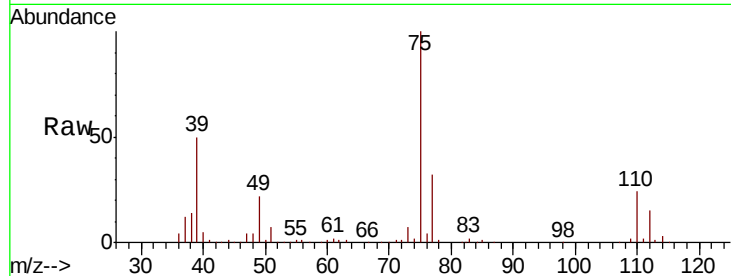




#53
t-1,3-Dichloropropene
Concen: 17.405 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

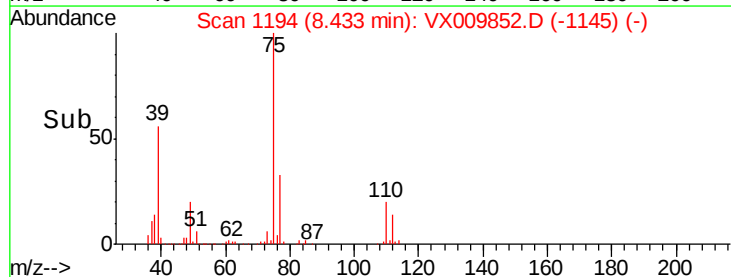
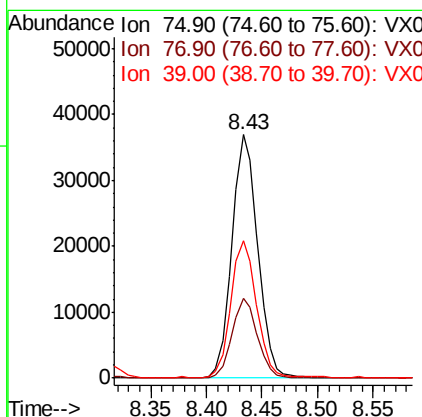
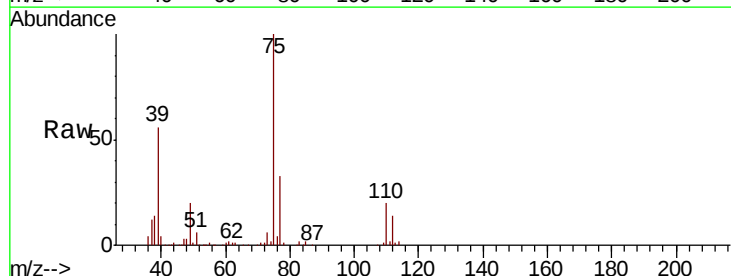
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 75 Resp: 53041
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.574 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 75 Resp: 59277
Ion Ratio Lower Upper
75 100
77 32.5 24.6 36.8
39 56.0 40.6 60.8

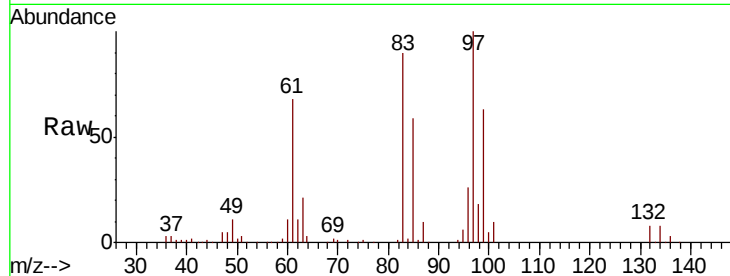




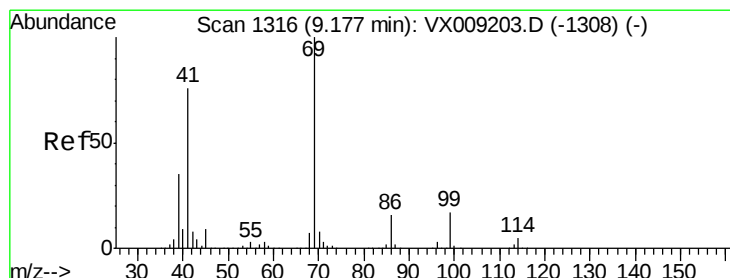
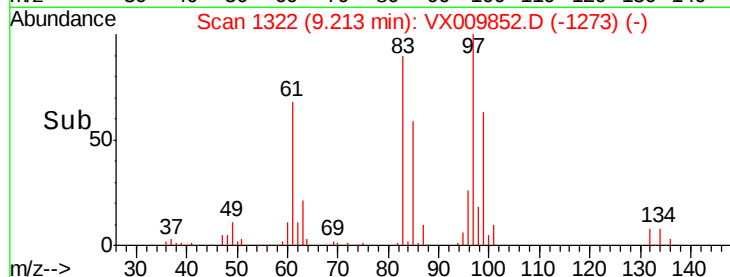
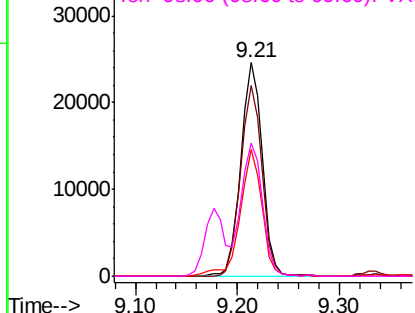
#55
 1,1,2-Trichloroethane
 Concen: 17.511 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tgt Ion:	97	Resp:	35736
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.9	103.3
85	59.4	43.8	65.6
99	62.5	48.2	72.2

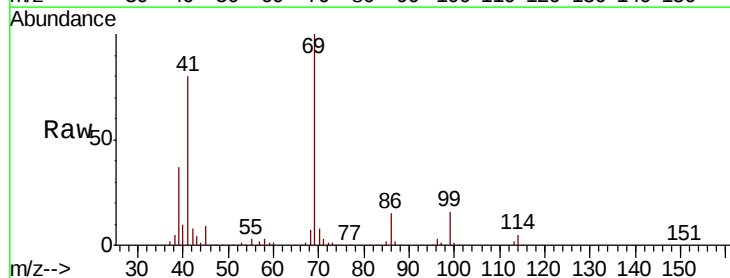


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

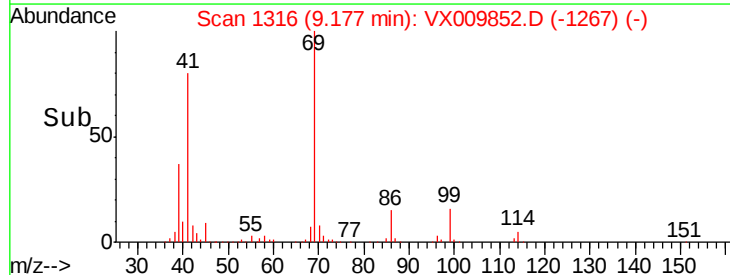
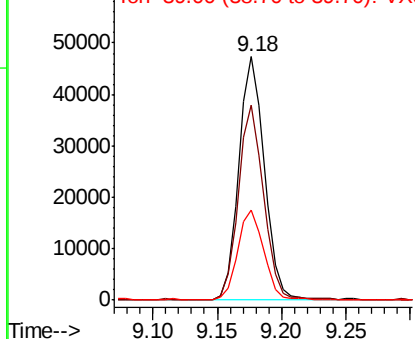


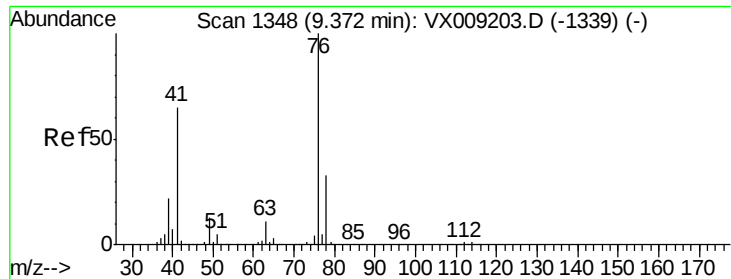
#56
 Ethyl methacrylate
 Concen: 17.939 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion:	69	Resp:	65351
Ion	Ratio	Lower	Upper
69	100		
41	79.1	60.6	90.8
39	37.4	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

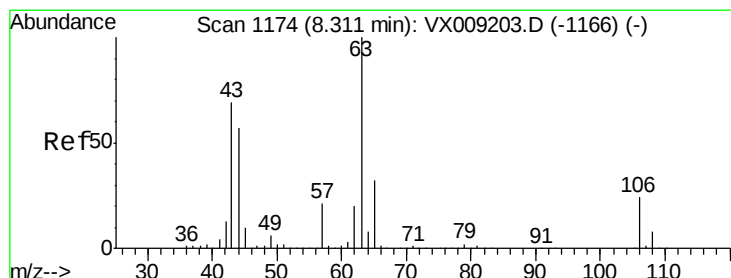
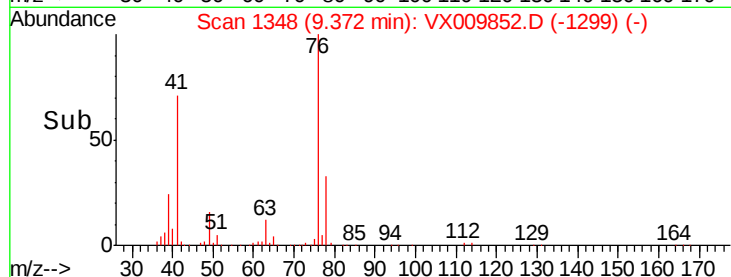
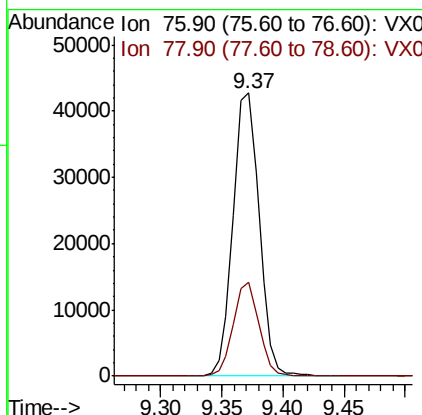
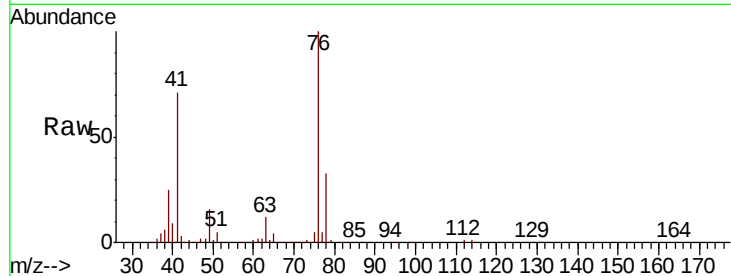




#57
 1,3-Dichloropropane
 Concen: 17.701 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

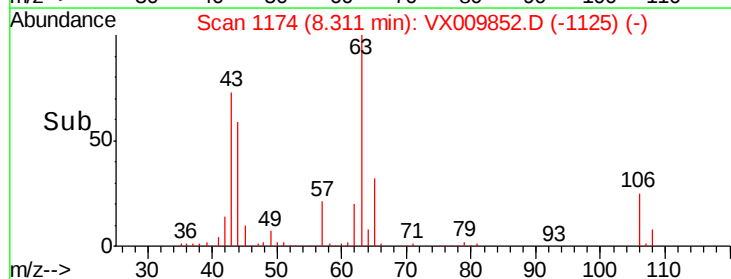
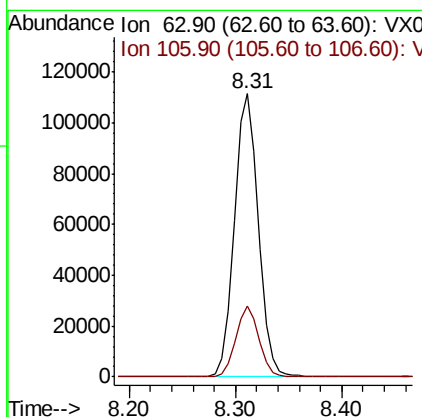
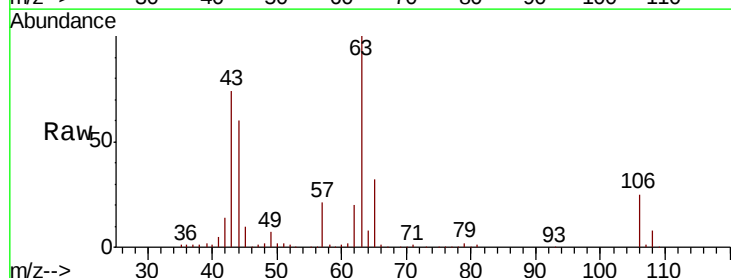
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

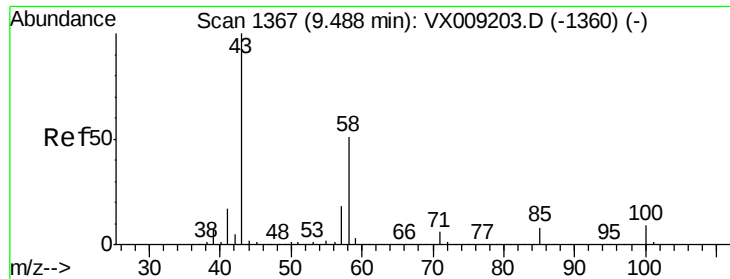
Tgt Ion: 76 Resp: 63569
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.097 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 63 Resp: 176050
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.7 29.5

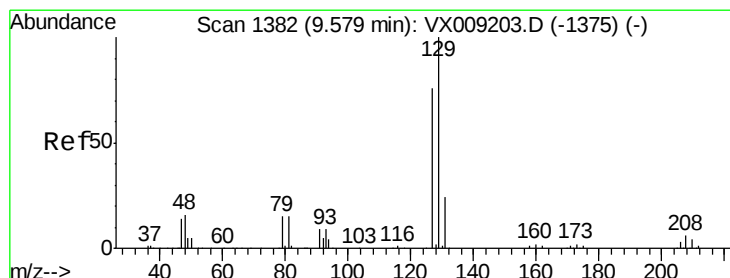
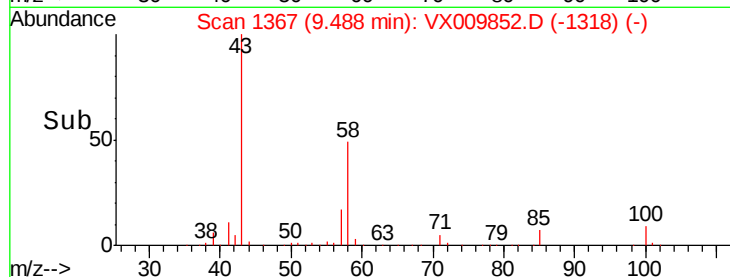
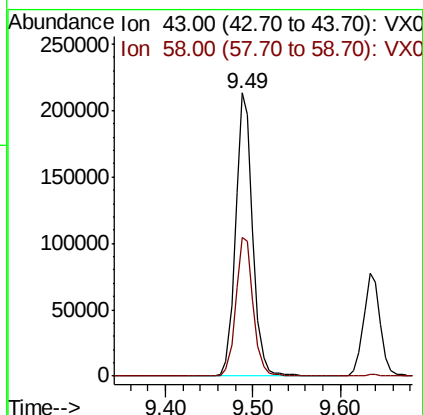
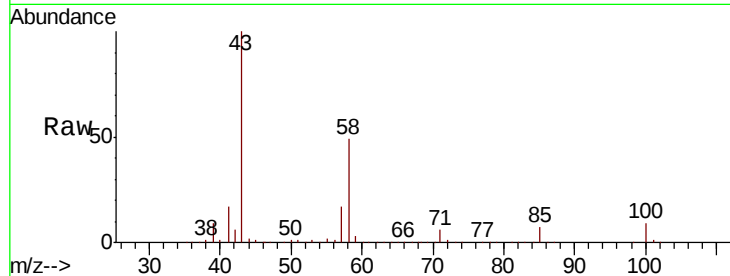




#59
2-Hexanone
Concen: 95.470 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

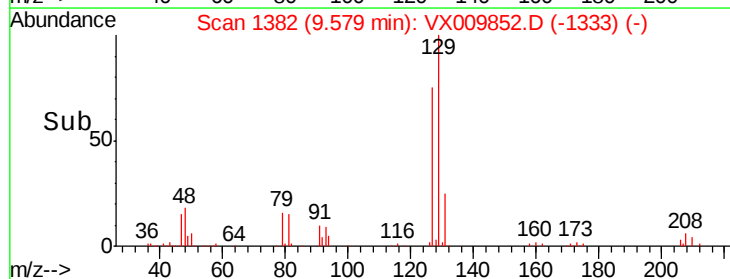
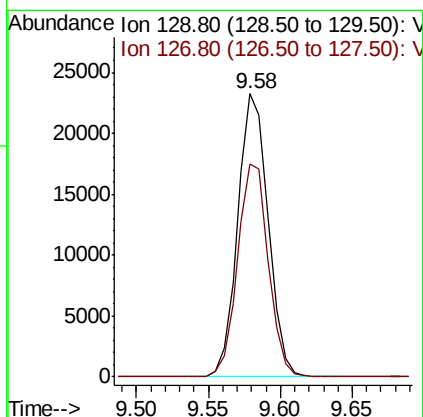
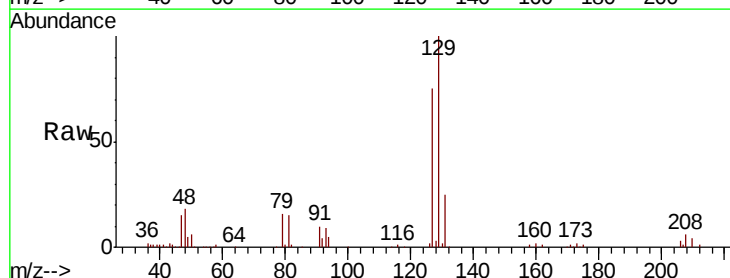
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

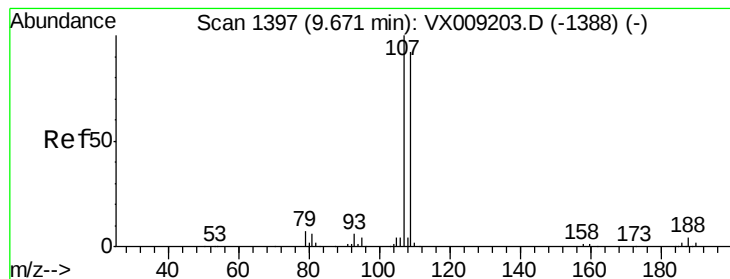
Tgt Ion: 43 Resp: 290428
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.7



#60
Dibromochloromethane
Concen: 17.082 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 129 Resp: 34048
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.788 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

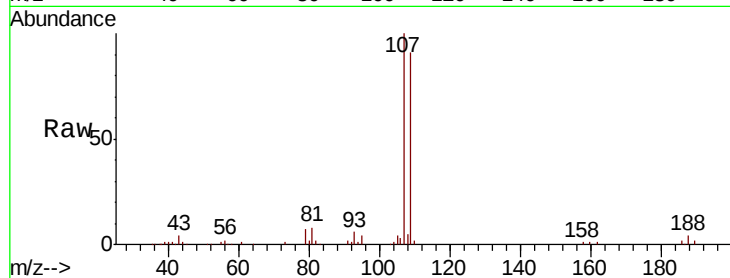
VX0523WBS01

Tgt Ion: 107 Resp: 36643

Ion Ratio Lower Upper

107 100

109 93.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

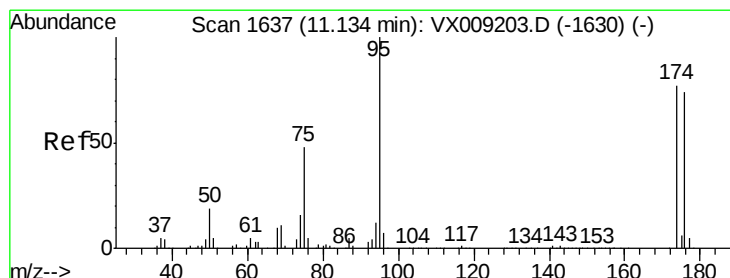
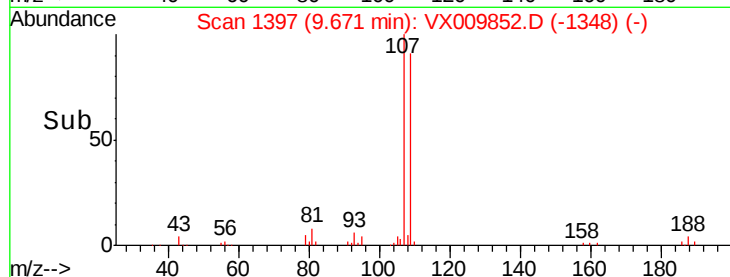
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

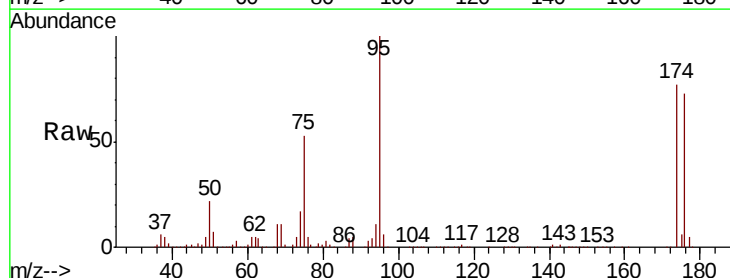
Tgt Ion: 95 Resp: 118384

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.6

176 79.4 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

11.13

120000

100000

80000

60000

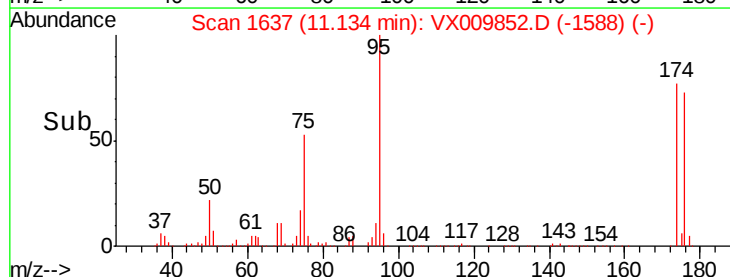
40000

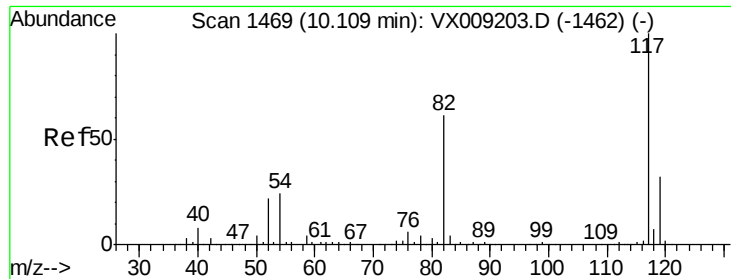
20000

0

Time-->

11.05 11.10 11.15 11.20

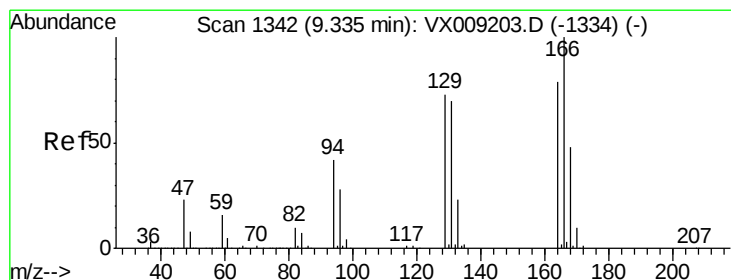
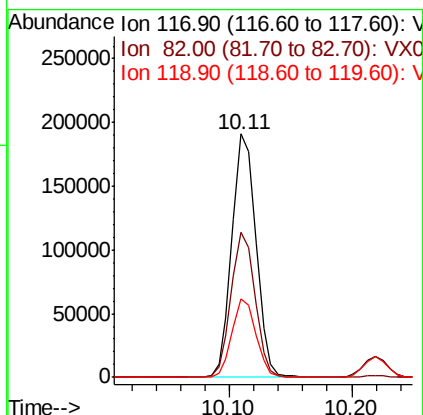
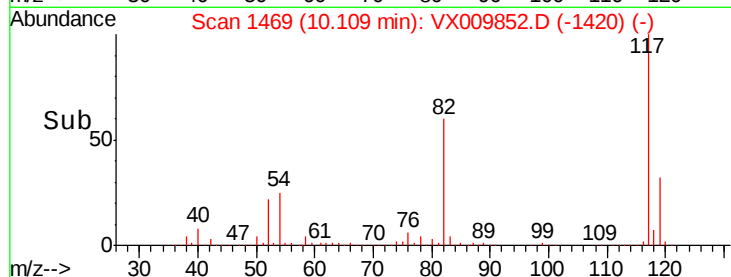
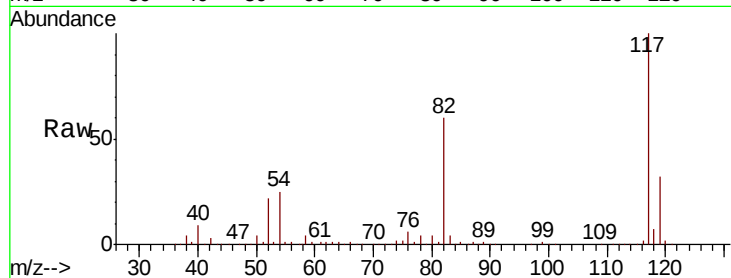




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

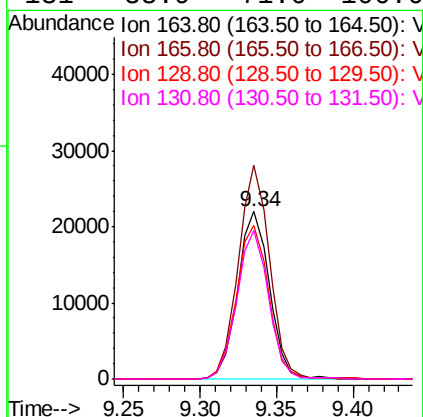
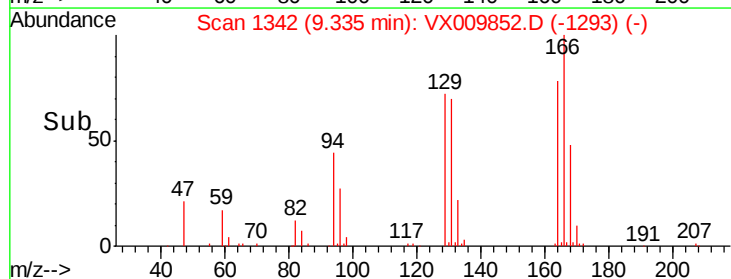
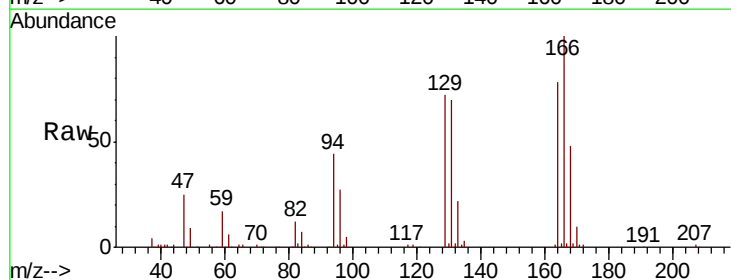
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

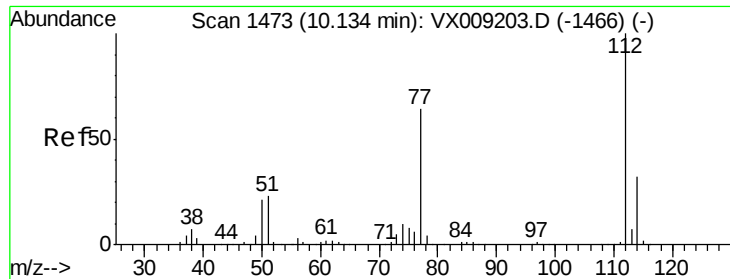
Tgt Ion:117 Resp: 260612
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 17.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion:164 Resp: 31554
Ion Ratio Lower Upper
164 100
166 127.8 101.2 151.8
129 91.9 74.3 111.5
131 88.9 71.0 106.6

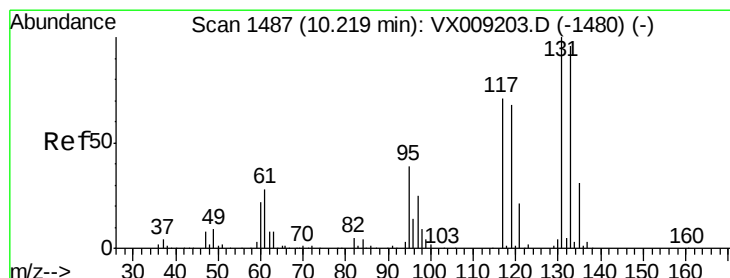
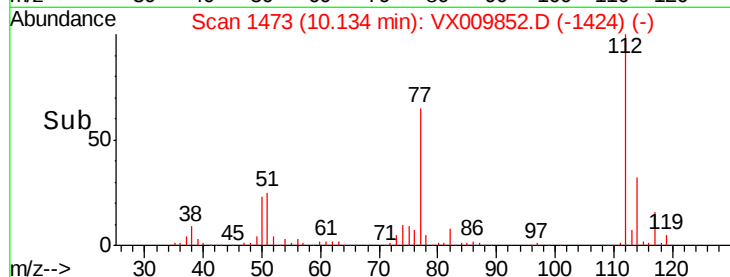
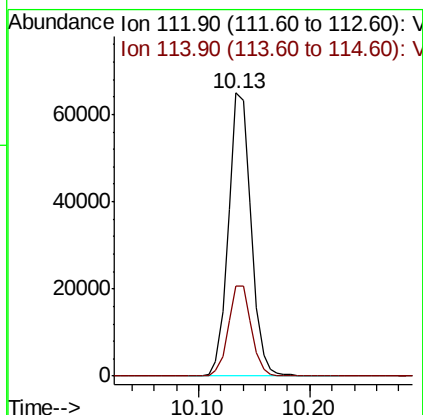
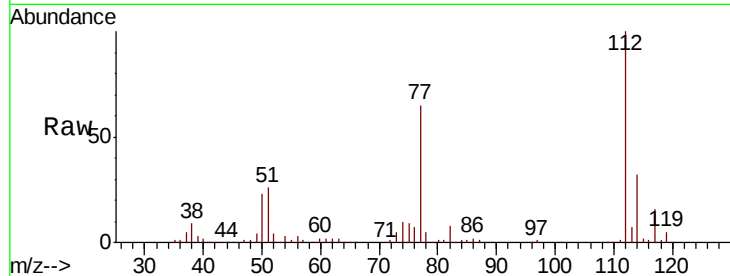




#65
Chlorobenzene
Concen: 17.494 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

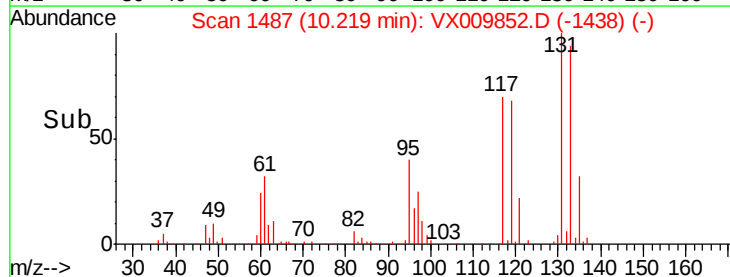
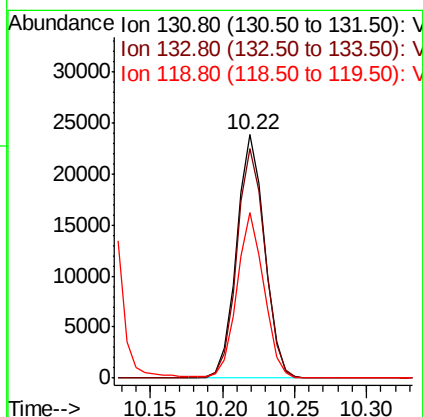
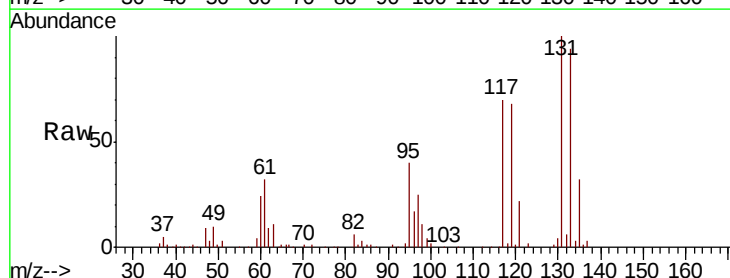
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

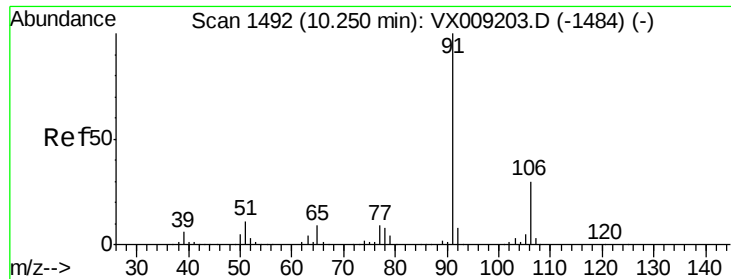
Tgt Ion:112 Resp: 91204
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.035 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion:131 Resp: 32198
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.9 33.5 100.4

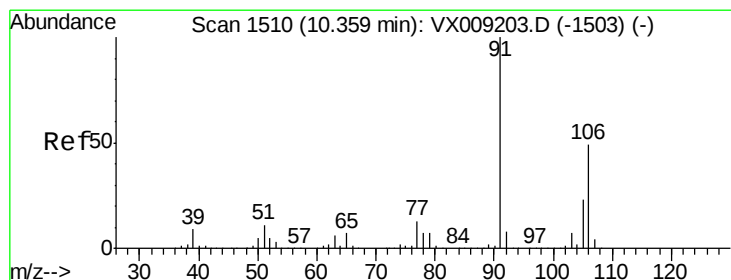
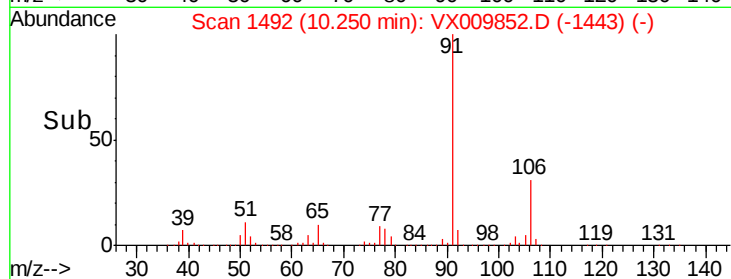
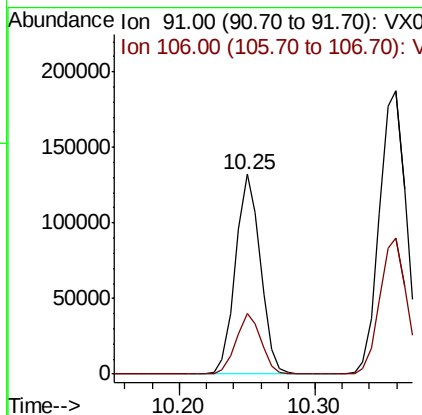
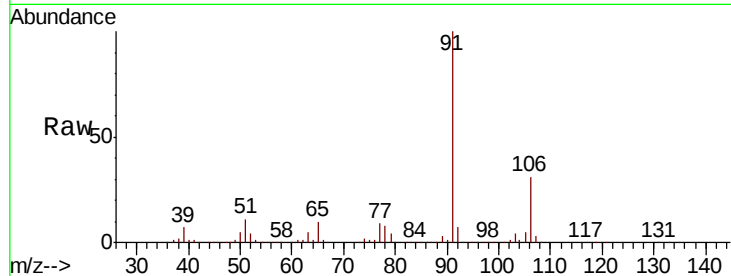




#67
Ethyl Benzene
Concen: 17.668 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

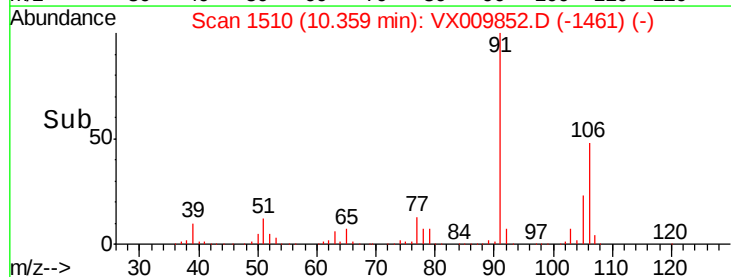
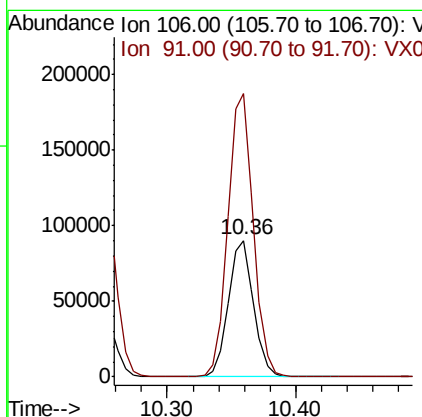
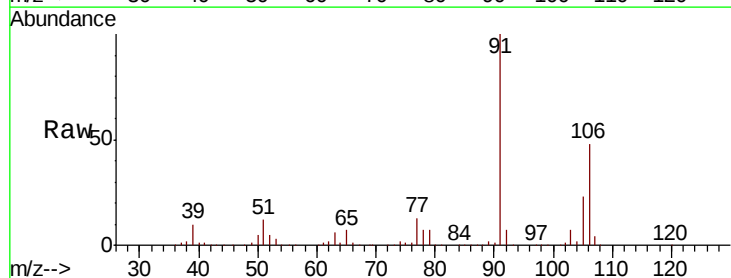
Instrument :
MSVOA_X
ClientSampled :
VX0523WBS01

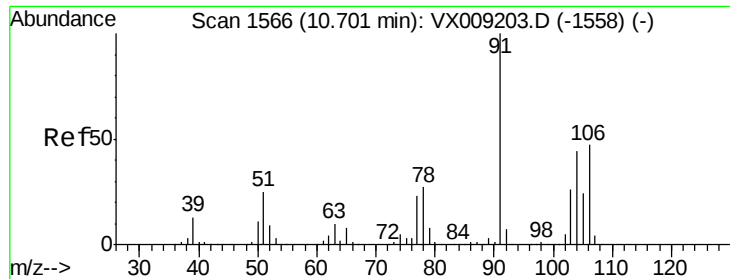
Tgt Ion: 91 Resp: 169516
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 35.225 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 106 Resp: 123504
Ion Ratio Lower Upper
106 100
91 209.9 164.0 246.0

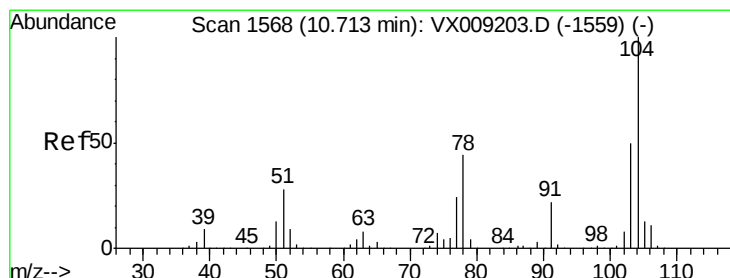
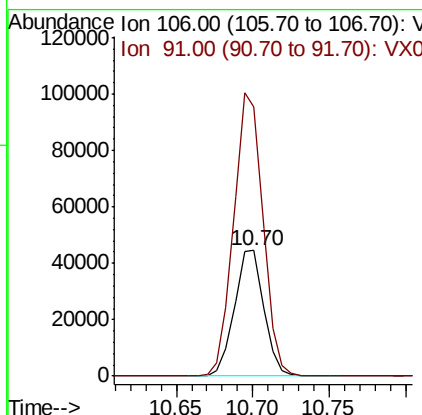
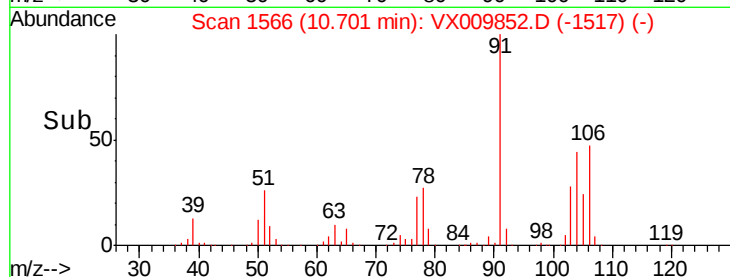
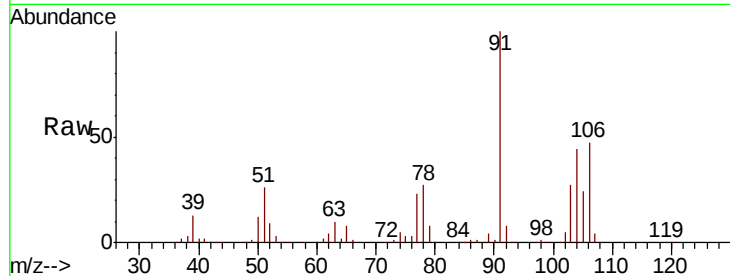




#69
o-Xylene
Concen: 17.150 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

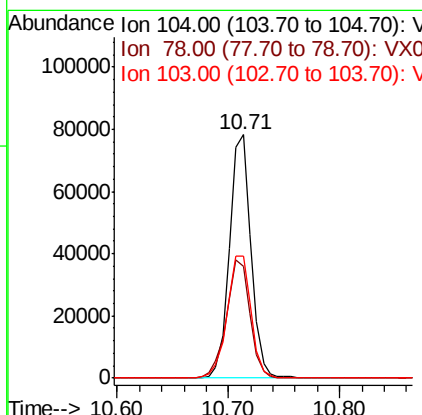
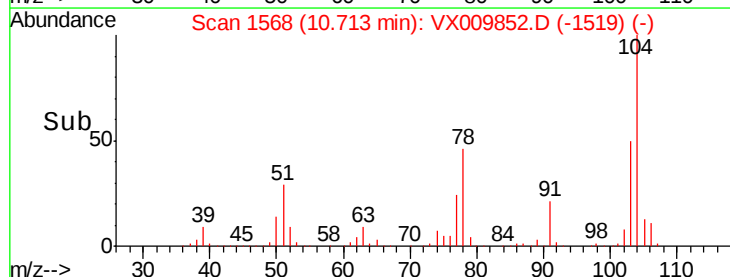
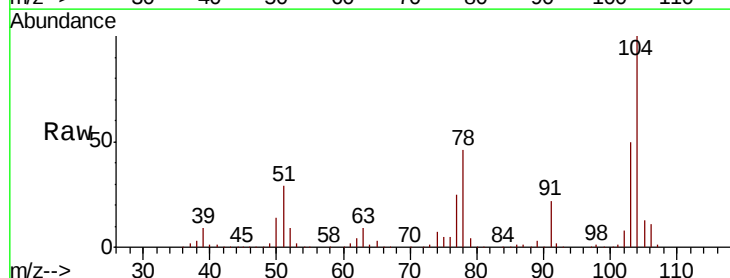
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

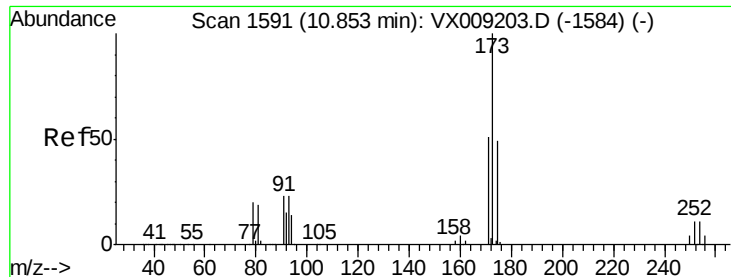
Tgt Ion:106 Resp: 59327
Ion Ratio Lower Upper
106 100
91 225.0 109.5 328.4



#70
Styrene
Concen: 17.374 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion:104 Resp: 104464
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 56.0 43.8 65.6





#71

Bromoform

Concen: 16.390 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

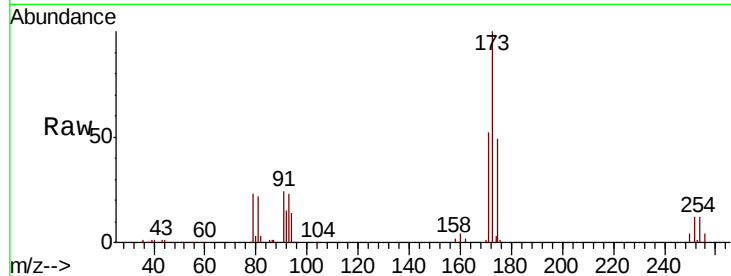
Tgt Ion:173 Resp: 25174

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

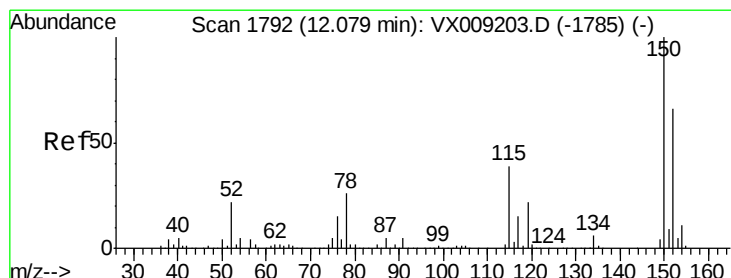
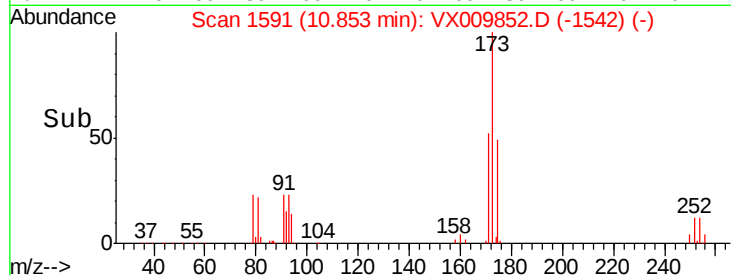
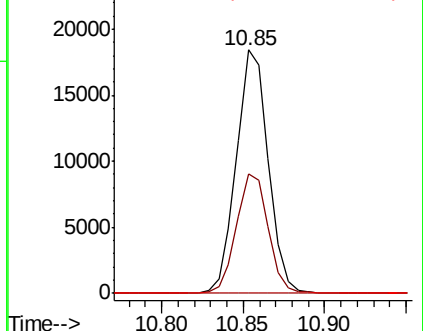
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

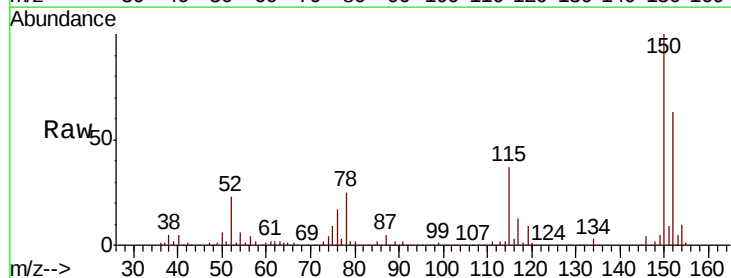
Tgt Ion:152 Resp: 125490

Ion Ratio Lower Upper

152 100

115 66.8 41.2 123.6

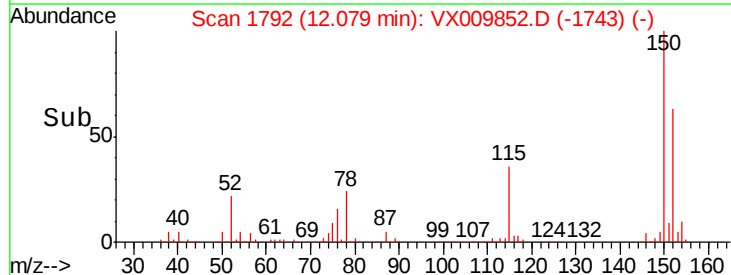
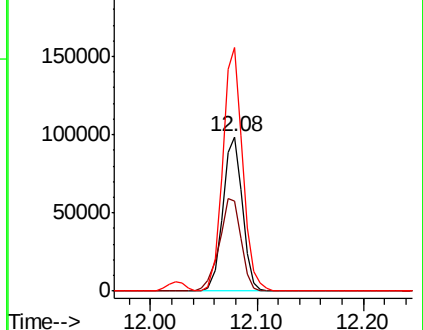
150 161.4 0.0 346.4

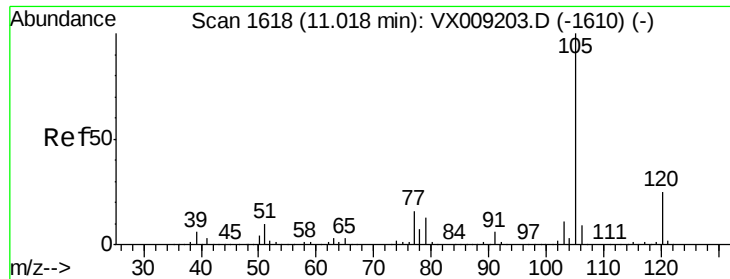


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.821 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

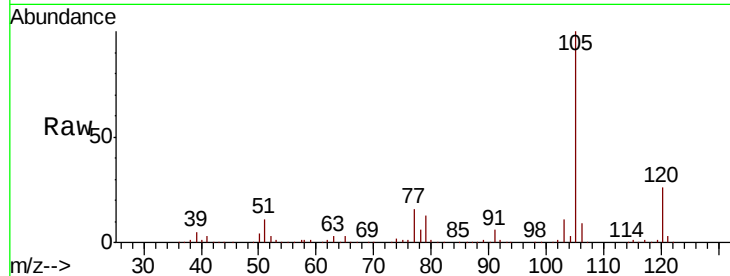
VX0523WBS01

Tgt Ion:105 Resp: 162628

Ion Ratio Lower Upper

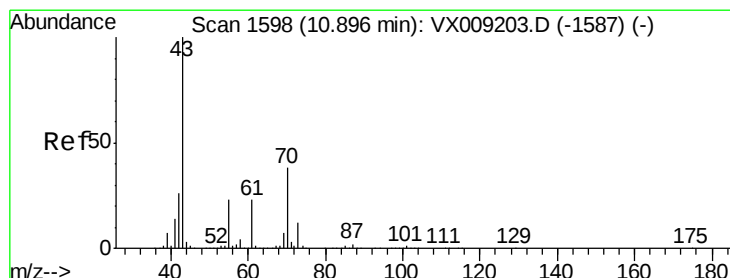
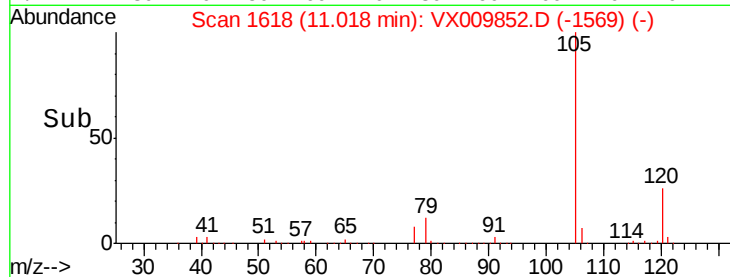
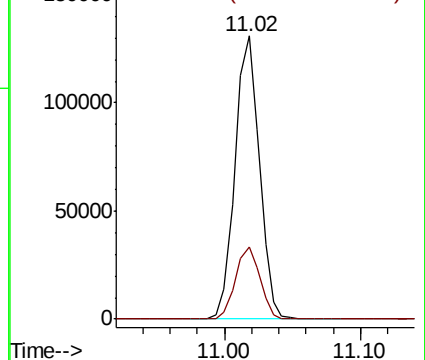
105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.351 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion: 43 Resp: 97633

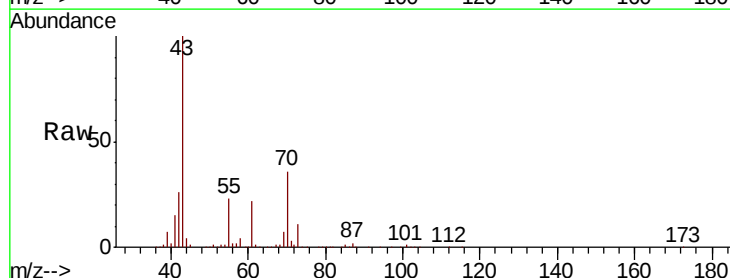
Ion Ratio Lower Upper

43 100

70 36.3 30.0 45.0

55 22.9 17.9 26.9

61 21.8 18.4 27.6

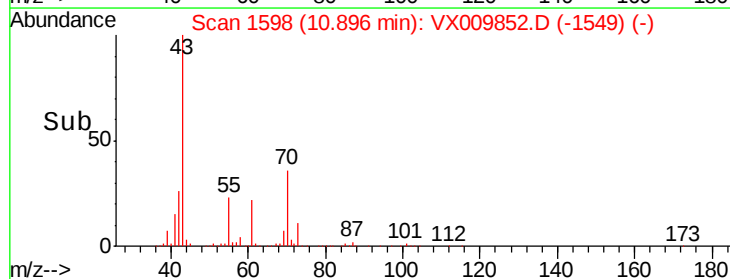
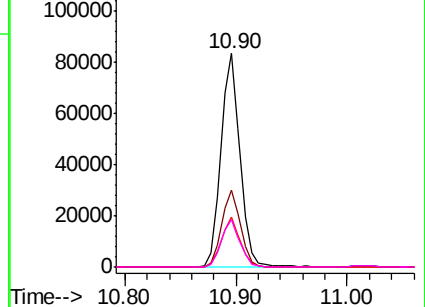


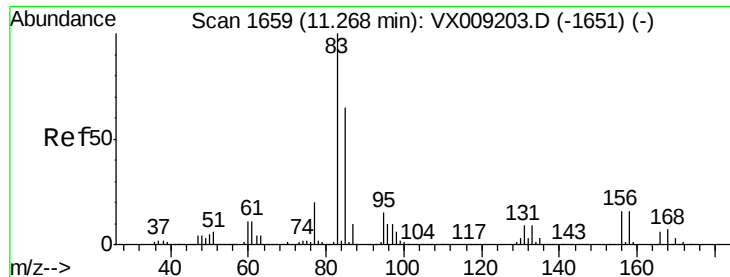
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

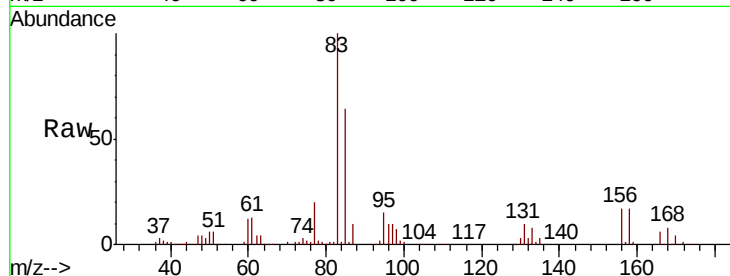
Tgt Ion: 83 Resp: 60600

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

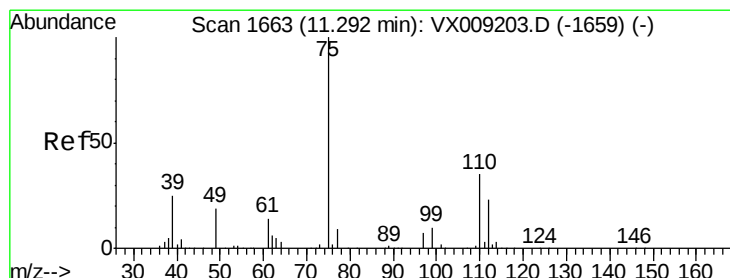
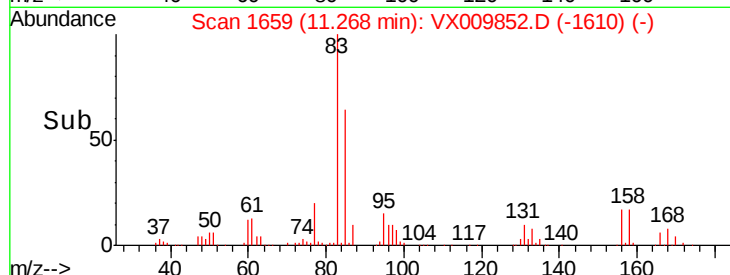
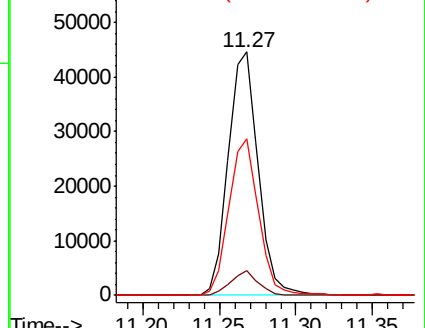
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.677 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009852.D

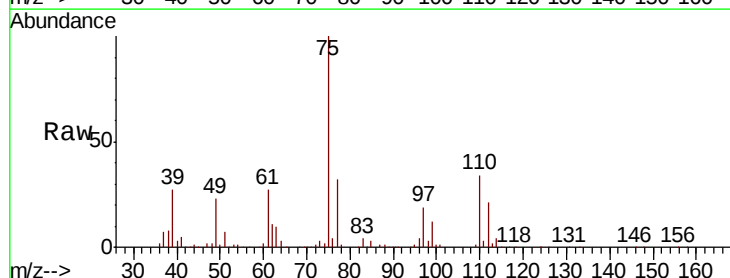
Acq: 23 May 2019 12:47

Tgt Ion: 75 Resp: 68923

Ion Ratio Lower Upper

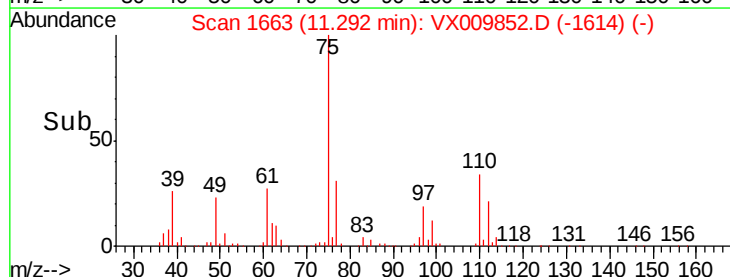
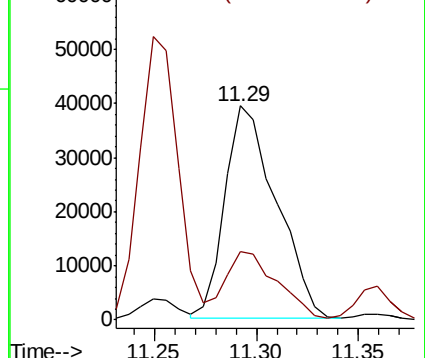
75 100

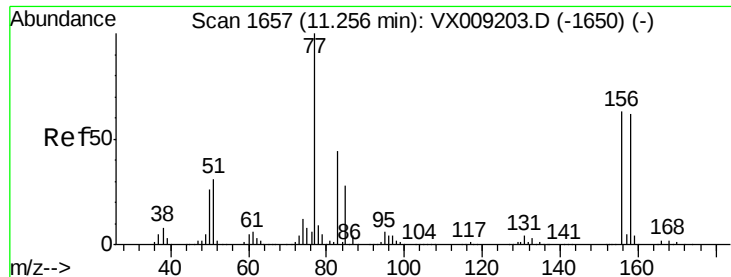
77 32.5 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

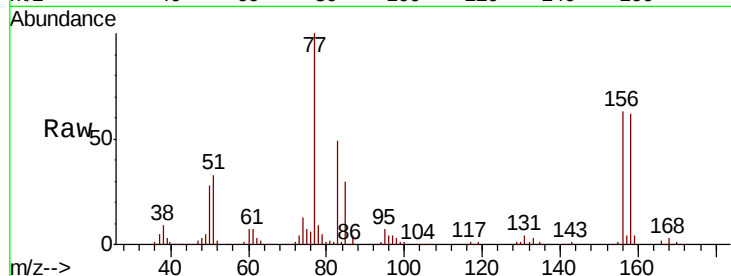
Tgt Ion:156 Resp: 40388

Ion Ratio Lower Upper

156 100

77 170.2 84.8 254.3

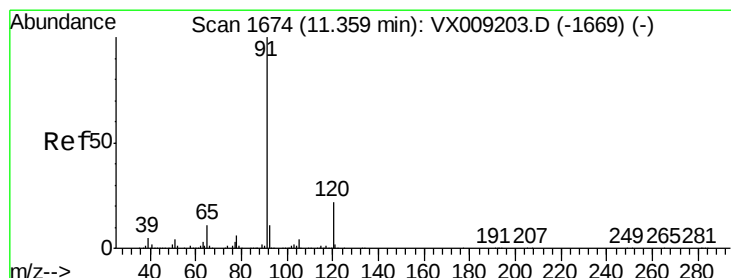
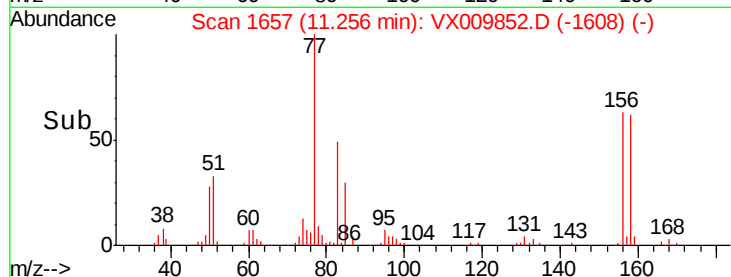
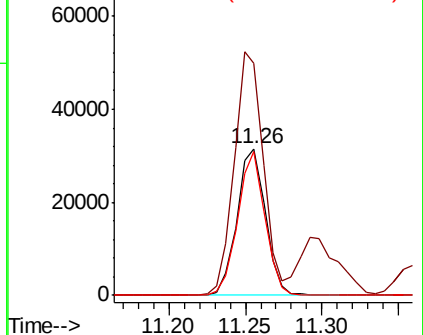
158 94.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.936 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009852.D

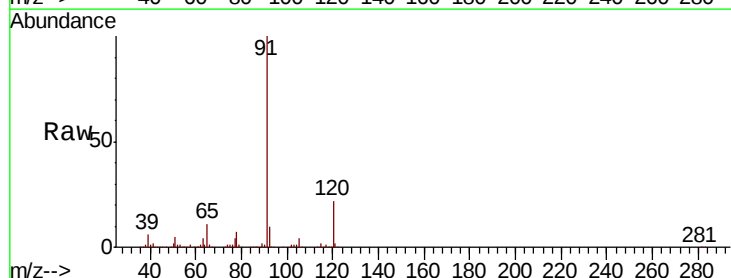
Acq: 23 May 2019 12:47

Tgt Ion: 91 Resp: 186923

Ion Ratio Lower Upper

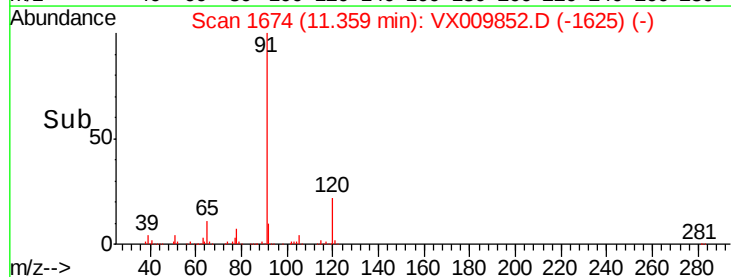
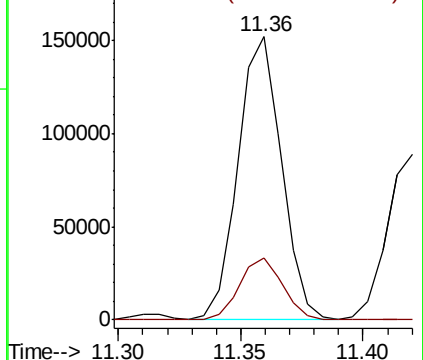
91 100

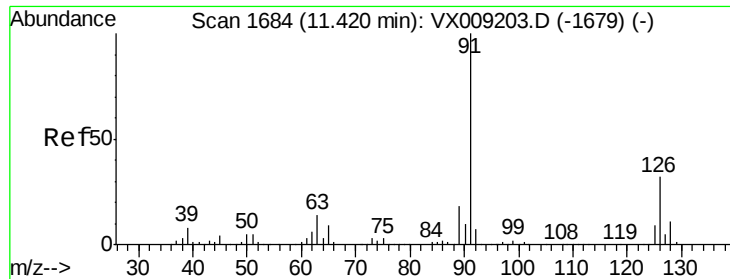
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.309 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

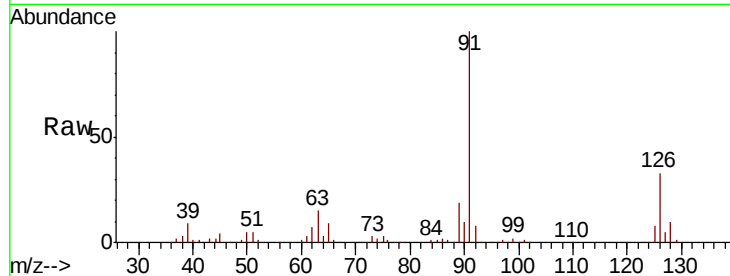
VX0523WBS01

Tgt Ion: 91 Resp: 111294

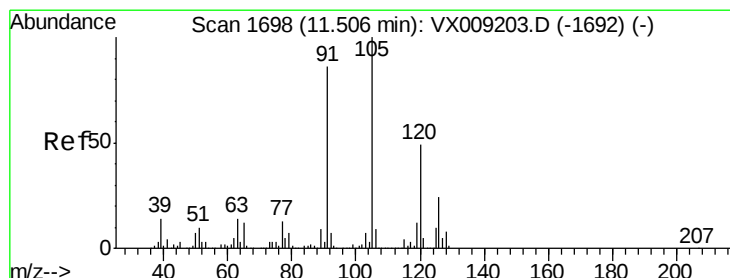
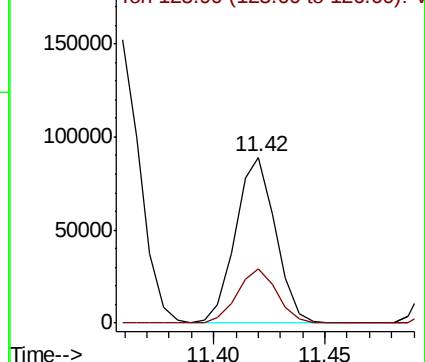
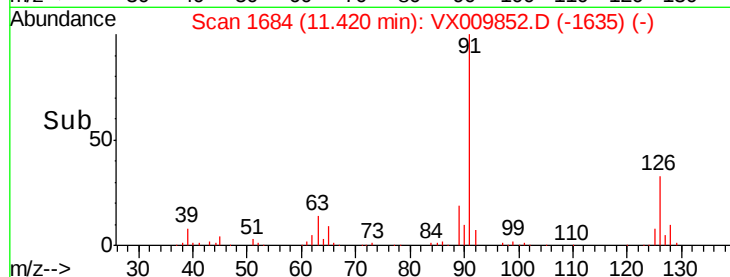
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009852.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.768 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009852.D

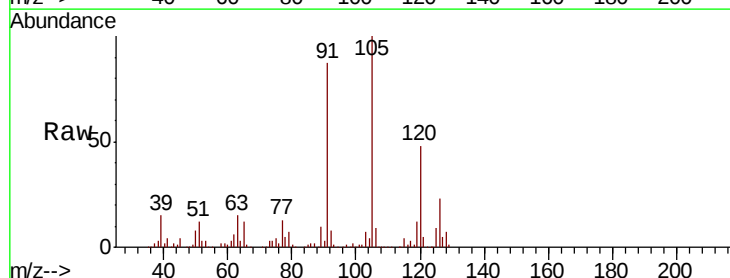
Acq: 23 May 2019 12:47

Tgt Ion: 105 Resp: 136522

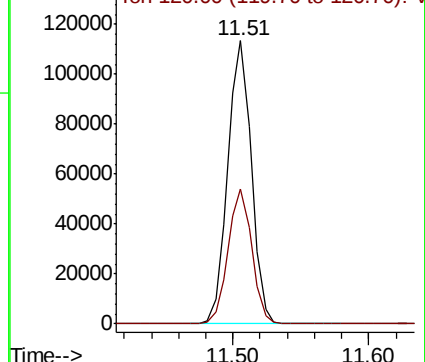
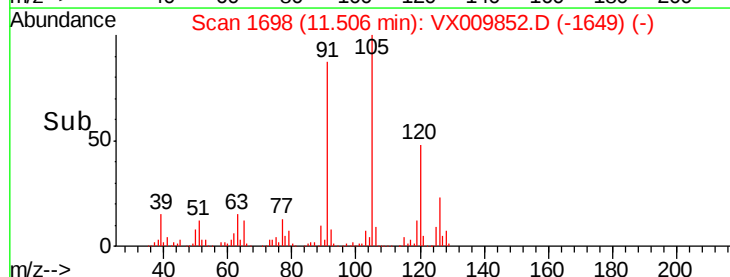
Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009852.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.156 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

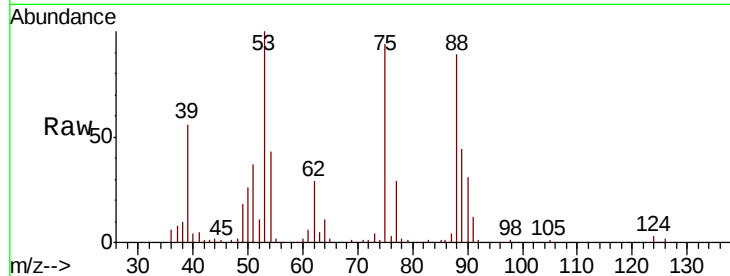
Tgt Ion: 75 Resp: 18380

Ion Ratio Lower Upper

75 100

53 113.5 79.0 118.6

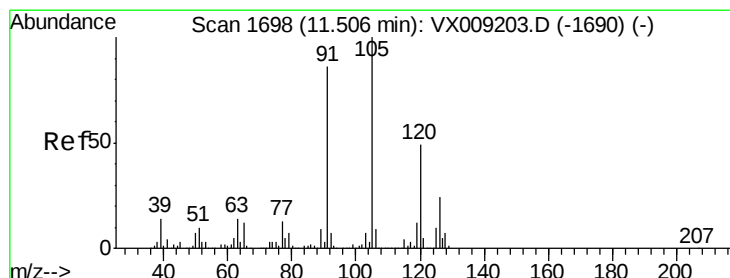
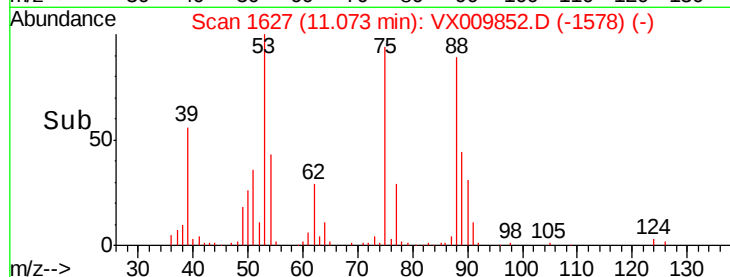
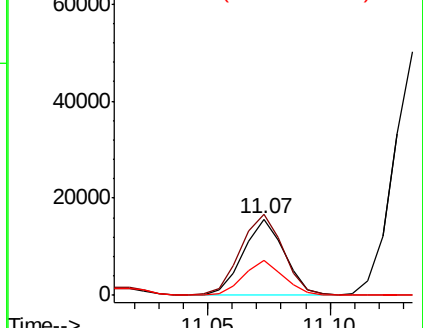
89 45.6 34.7 52.1



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: 17.688 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009852.D

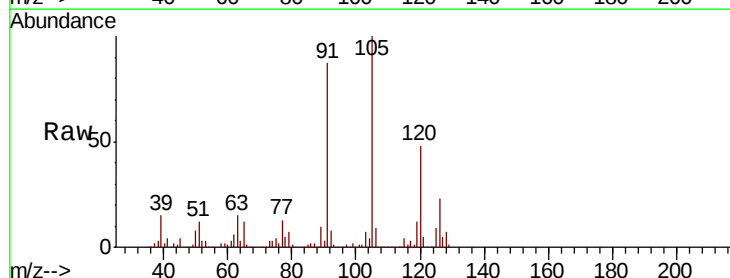
Acq: 23 May 2019 12:47

Tgt Ion: 91 Resp: 128483

Ion Ratio Lower Upper

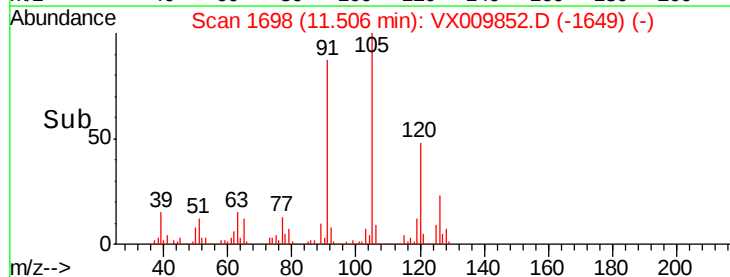
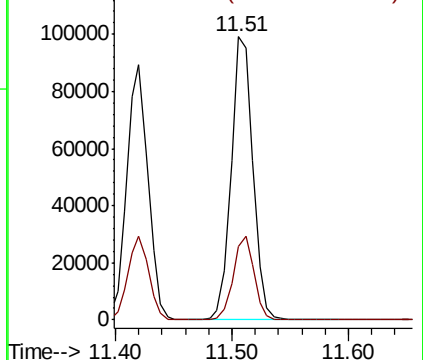
91 100

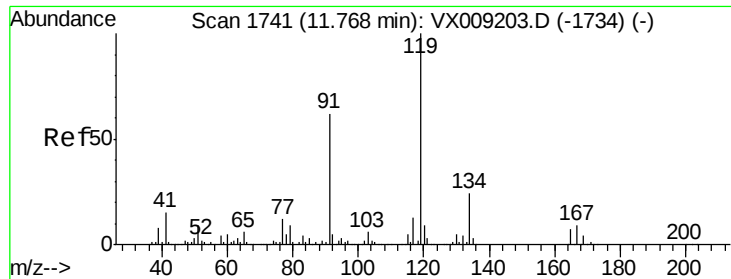
126 28.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

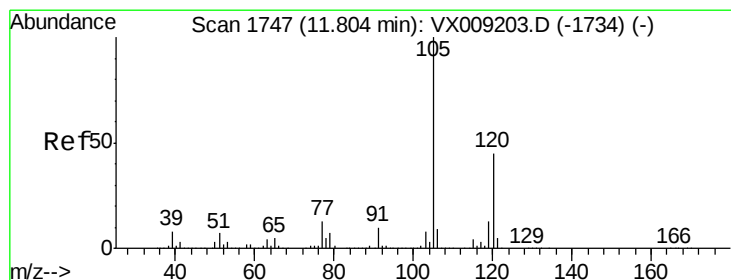
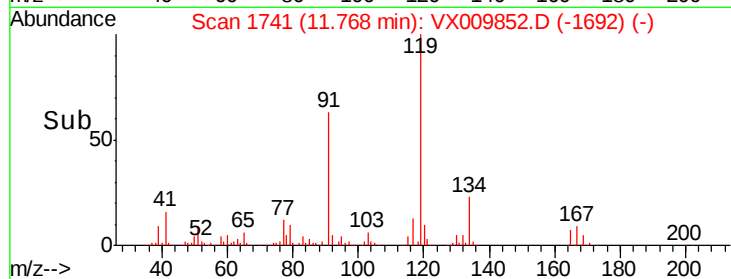
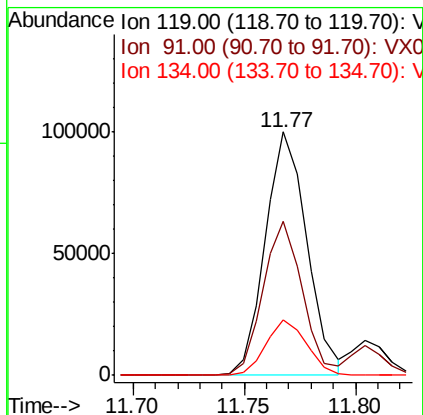
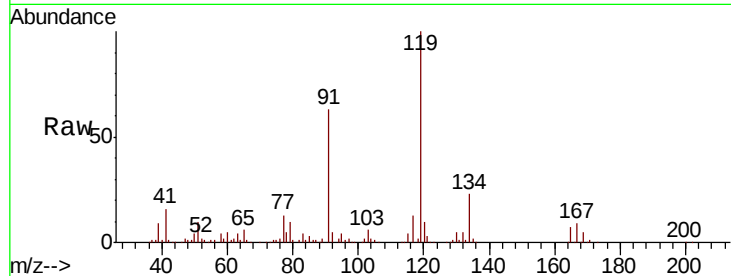




#83
tert-Butylbenzene
Concen: 17.326 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

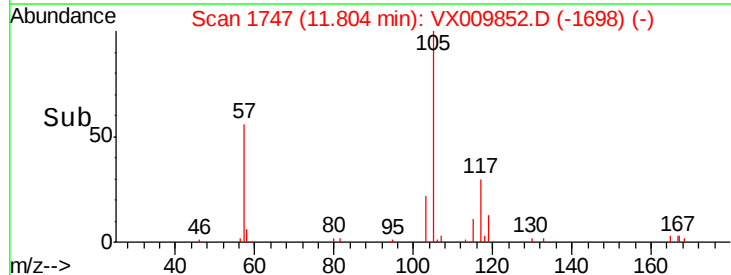
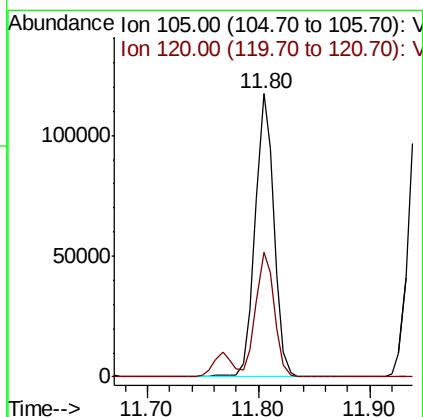
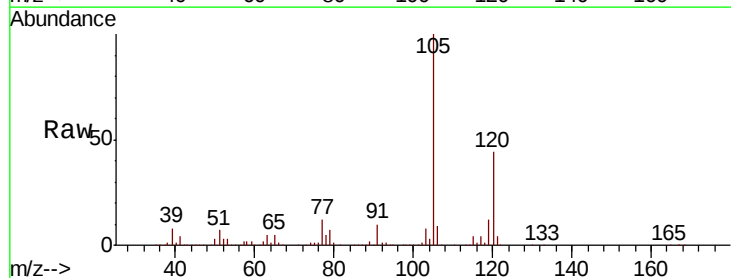
Instrument :
MSVOA_X
ClientSampled :
VX0523WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.5	88.5
134	22.4	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 17.900 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.0	66.0





#85

sec-Butylbenzene

Concen: 17.689 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

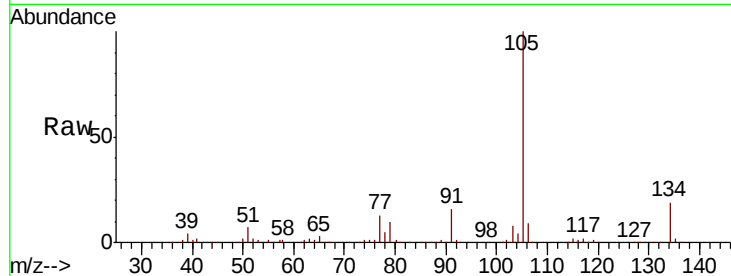
VX0523WBS01

Tgt Ion:105 Resp: 156758

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

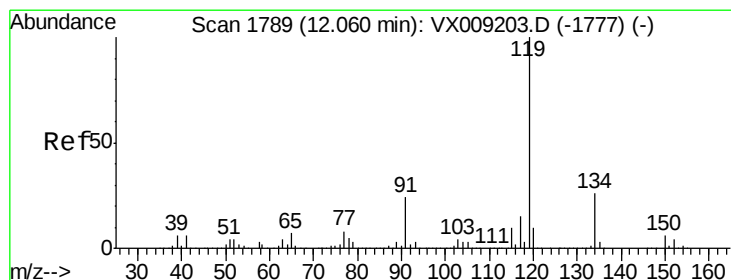
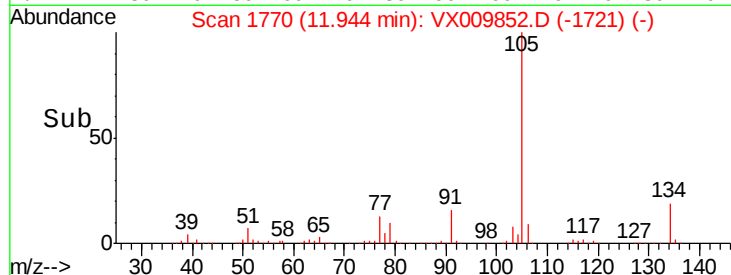
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.620 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

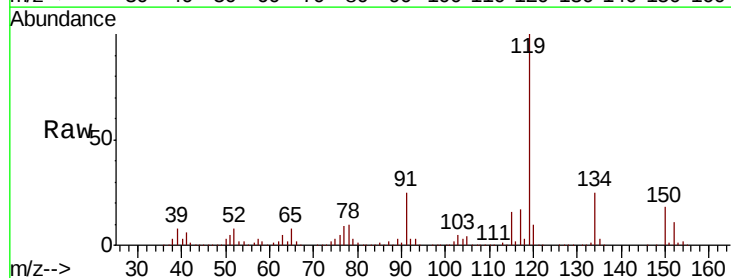
Tgt Ion:119 Resp: 140374

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 24.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

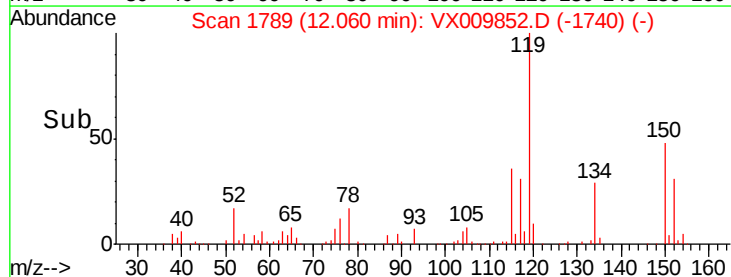
150000

100000

50000

0

Time-->

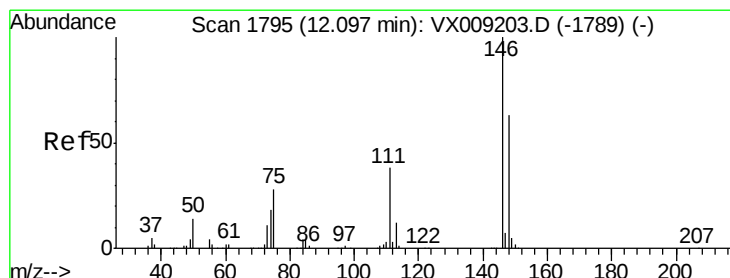
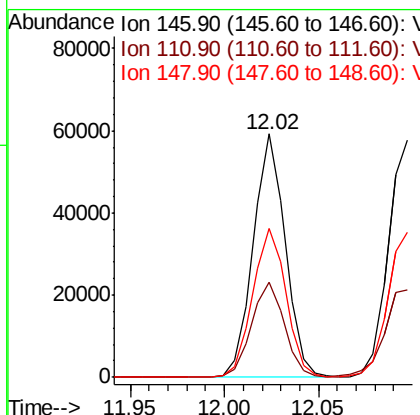
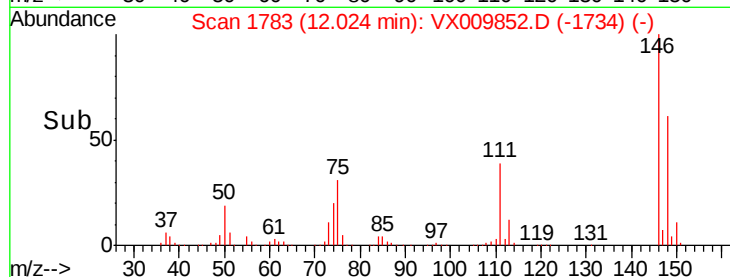
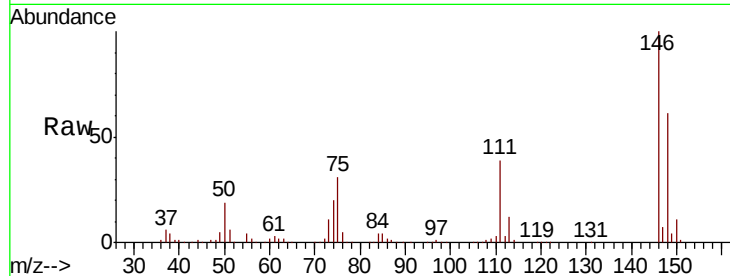




#87
 1,3-Dichlorobenzene
 Concen: 17.304 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

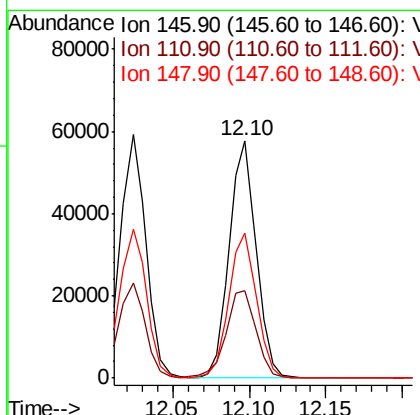
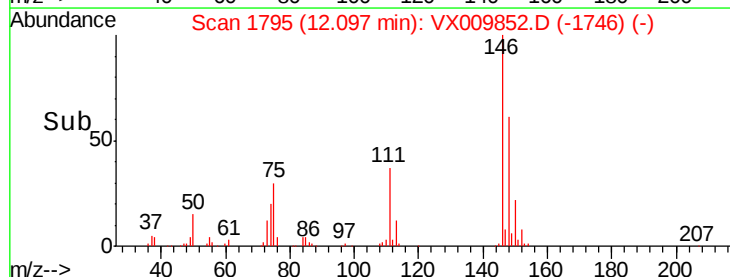
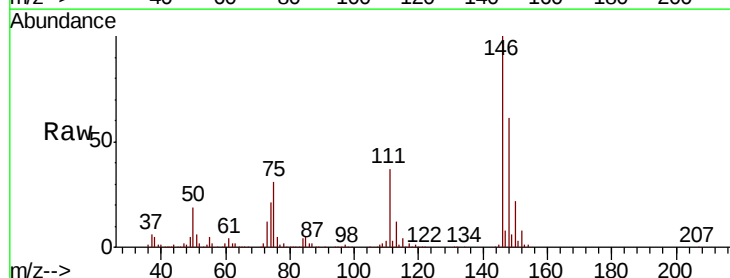
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

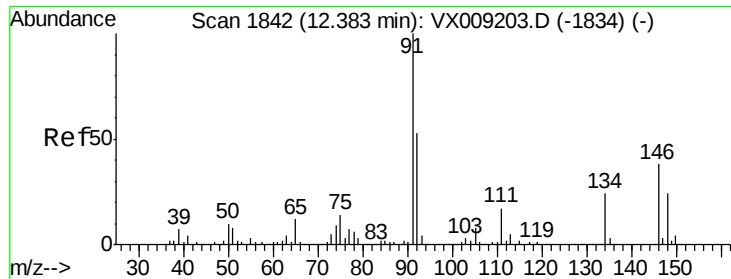
Tgt Ion:146 Resp: 69871
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.312 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion:146 Resp: 70472
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.8
 148 62.8 31.8 95.3





#89

n-Butylbenzene

Concen: 17.458 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0523WBS01

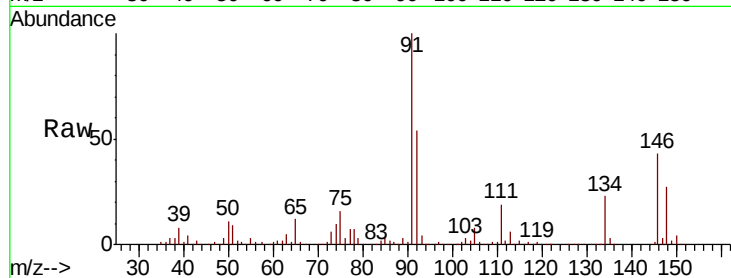
Tgt Ion: 91 Resp: 125709

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

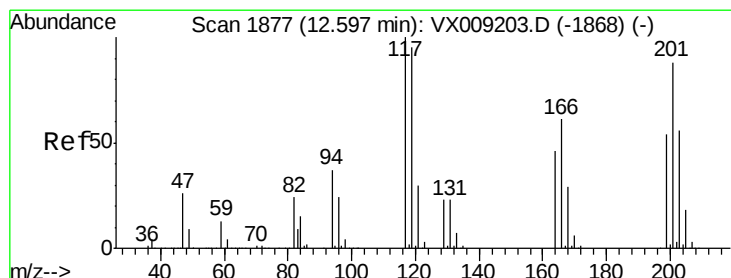
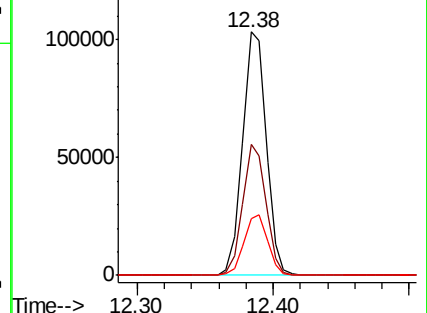
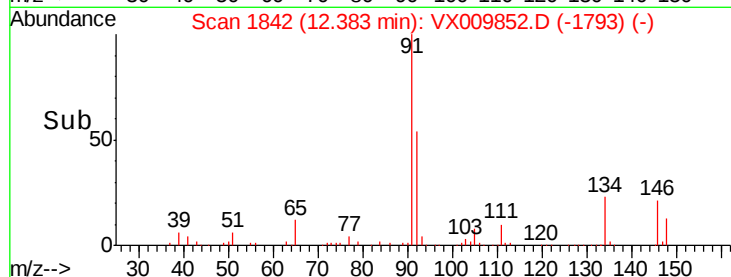
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.419 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009852.D

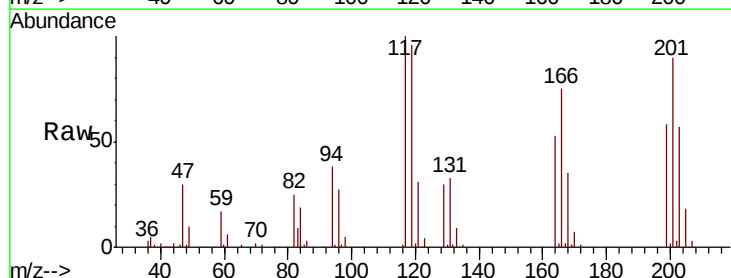
Acq: 23 May 2019 12:47

Tgt Ion: 117 Resp: 22285

Ion Ratio Lower Upper

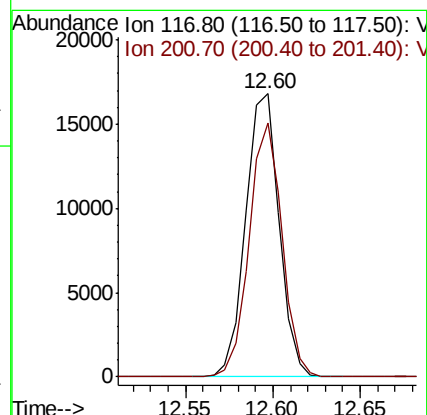
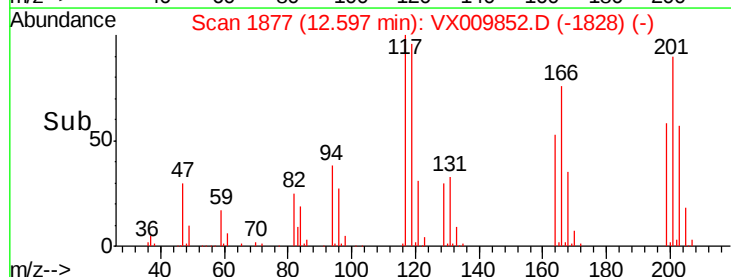
117 100

201 87.8 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 17.260 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

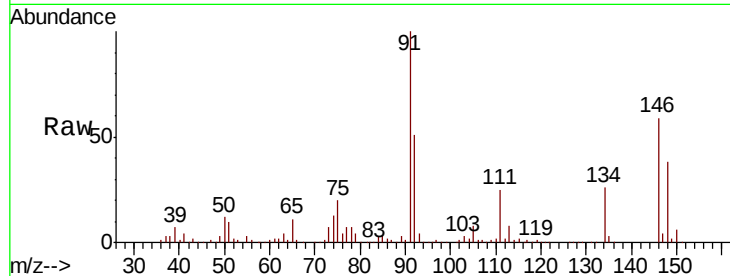
Tgt Ion:146 Resp: 70984

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.4

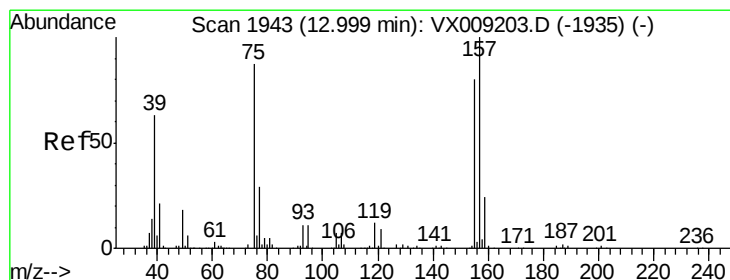
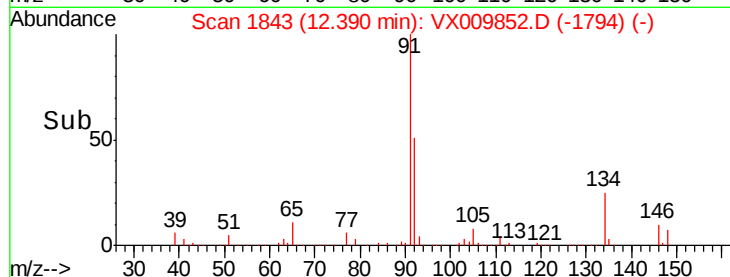
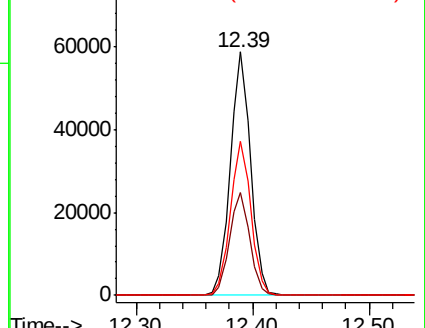
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.627 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

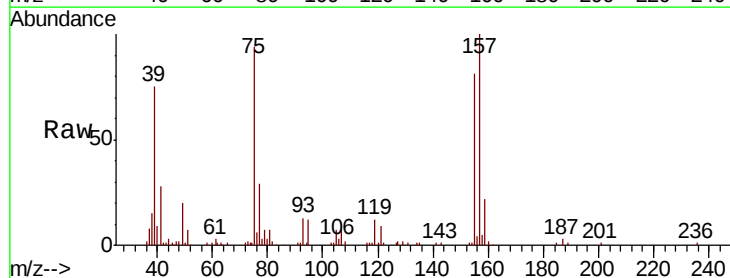
Tgt Ion: 75 Resp: 13452

Ion Ratio Lower Upper

75 100

155 83.0 42.0 126.0

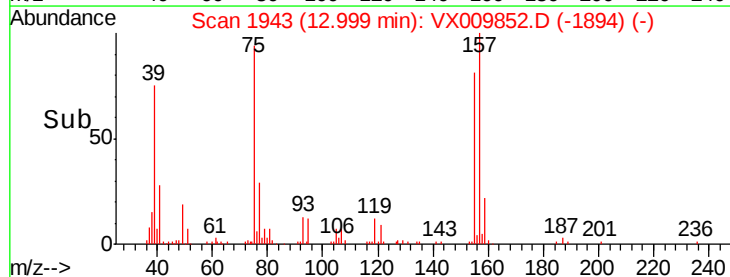
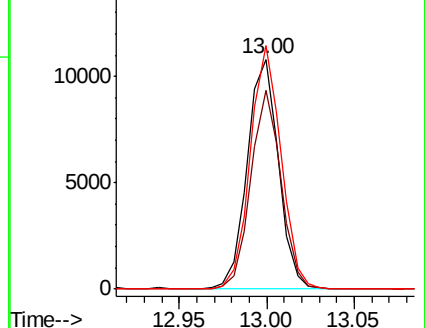
157 104.1 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

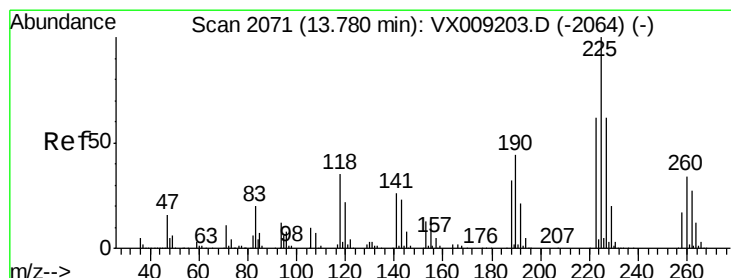
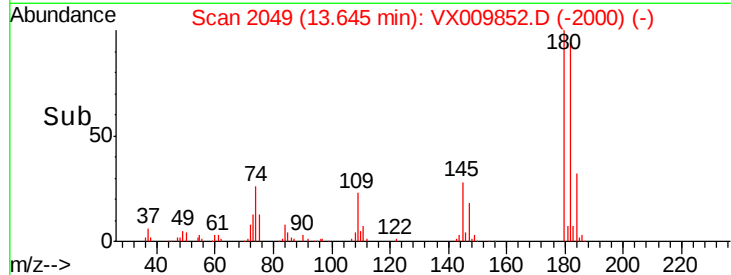
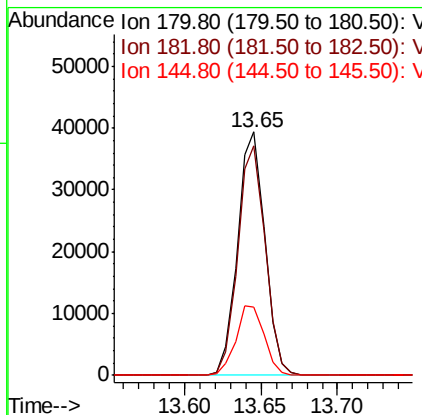
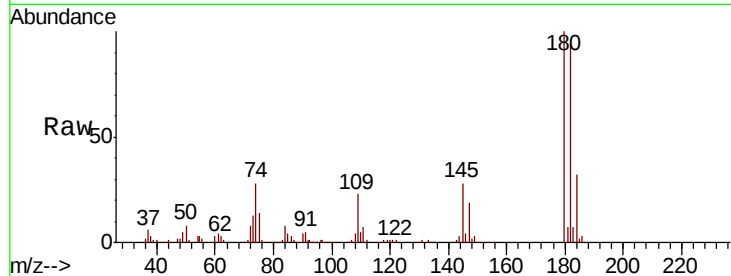




#93
 1,2,4-Trichlorobenzene
 Concen: 17.288 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

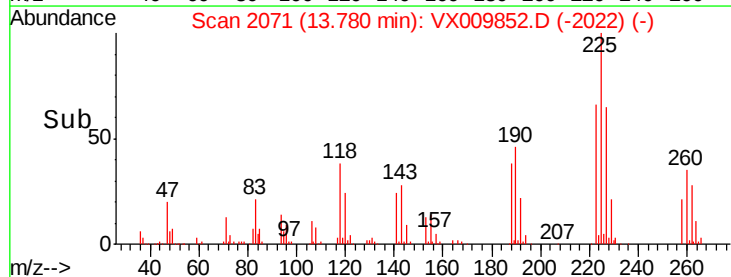
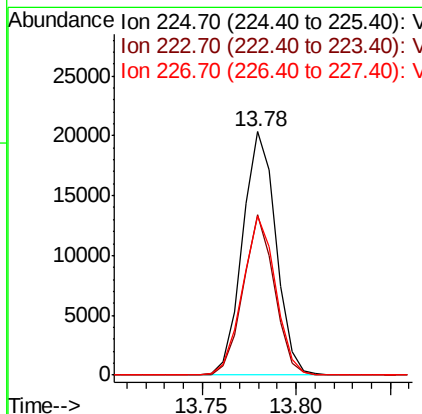
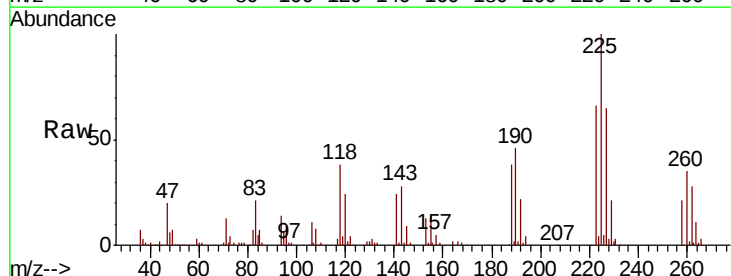
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

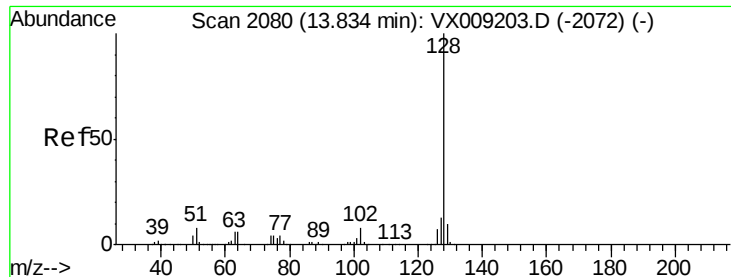
Tgt Ion:180 Resp: 48620
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.4 145.2
 145 29.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 17.378 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion:225 Resp: 24958
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.8
 227 64.7 31.8 95.3

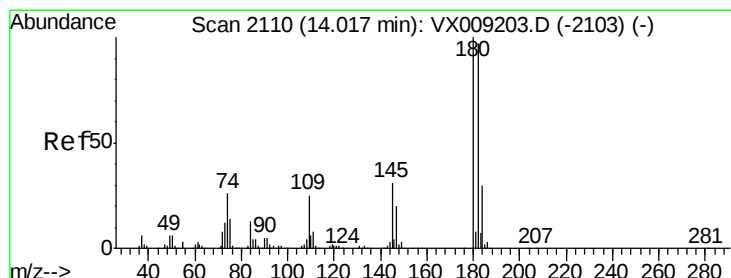
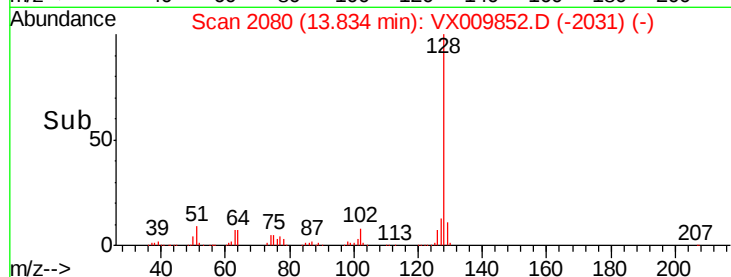
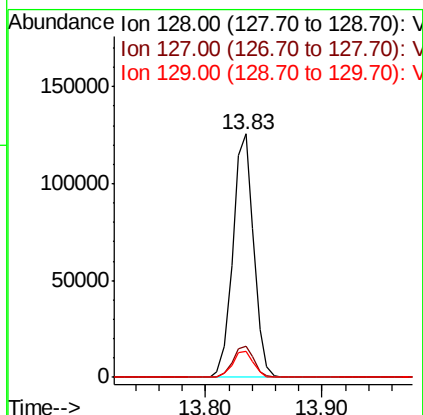
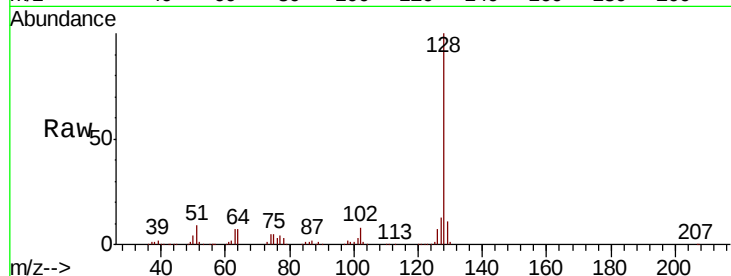




#95
Naphthalene
Concen: 17.062 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion:128 Resp: 156117
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.497 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion:180 Resp: 49879
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 30.7 15.4 46.4

