

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009691.D
 Acq On : 18 May 2019 03:55
 Operator : JC/SP
 Sample : VX0517WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

Quant Time: May 18 04:57:53 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	134890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	221141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	200927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93013	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	5.50	113	67344	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	261479	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
62) 4-Bromofluorobenzene	11.13	95	95834	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20471	16.469	ug/l	98
3) Chloromethane	1.32	50	33369	19.663	ug/l	99
4) Vinyl Chloride	1.41	62	33017	19.952	ug/l	97
5) Bromomethane	1.64	94	21432	21.577	ug/l	100
6) Chloroethane	1.71	64	21693	20.417	ug/l	98
7) Trichlorofluoromethane	1.92	101	41003	20.384	ug/l	98
8) Diethyl Ether	2.19	74	20624	21.645	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24370	19.292	ug/l	98
10) Methyl Iodide	2.51	142	22276	18.377	ug/l	98
11) Tert butyl alcohol	3.05	59	52397	122.928	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25229	19.934	ug/l	97
13) Acrolein	2.29	56	39652	102.721	ug/l	98
14) Allyl chloride	2.73	41	61800	20.036	ug/l	98
15) Acrylonitrile	3.14	53	122193	117.246	ug/l	99
16) Acetone	2.45	43	110537	111.793	ug/l	97
17) Carbon Disulfide	2.57	76	64043	18.023	ug/l	99
18) Methyl Acetate	2.78	43	56746	24.132	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	107072	21.785	ug/l	99
20) Methylene Chloride	2.85	84	32556	20.335	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	28209	20.551	ug/l	97
22) Diisopropyl ether	3.86	45	132248	22.295	ug/l	96
23) Vinyl Acetate	3.82	43	565348	111.303	ug/l	99
24) 1,1-Dichloroethane	3.70	63	61672	21.076	ug/l	100
25) 2-Butanone	4.68	43	181684	118.245	ug/l	98
26) 2,2-Dichloropropane	4.59	77	26271	12.062	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	34387	20.989	ug/l	96
28) Bromochloromethane	5.02	49	28189	22.419	ug/l	97
29) Tetrahydrofuran	5.13	42	119854	121.219	ug/l	98
30) Chloroform	5.21	83	57044	21.554	ug/l	98
31) Cyclohexane	5.58	56	53815	19.767	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	45900	20.834	ug/l	98
36) 1,1-Dichloropropene	5.80	75	41277	20.085	ug/l	100
37) Ethyl Acetate	4.84	43	66950	23.382	ug/l	99
38) Carbon Tetrachloride	5.79	117	37420	20.041	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45390	17.984	ug/l	99
40) Benzene	6.15	78	132923	20.899	ug/l	98
41) Methacrylonitrile	5.05	41	38221	22.424	ug/l	98
42) 1,2-Dichloroethane	6.20	62	50072	21.947	ug/l	100
43) Isopropyl Acetate	6.45	43	101697	22.204	ug/l	99
44) Trichloroethene	7.21	130	31079	20.213	ug/l	93
45) 1,2-Dichloropropane	7.51	63	38232	21.229	ug/l	98
46) Dibromomethane	7.66	93	22082	21.115	ug/l	99
47) Bromodichloromethane	7.90	83	43505	20.854	ug/l	100
48) Methyl methacrylate	7.77	41	51443	22.639	ug/l	96
49) 1,4-Dioxane	7.74	88	22021	477.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	355893	118.883	ug/l	98
52) Toluene	8.79	92	80711	20.876	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	45301	19.234	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	50772	19.476	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	33611	21.309	ug/l	97
56) Ethyl methacrylate	9.18	69	60265	21.404	ug/l	97
57) 1,3-Dichloropropane	9.37	76	59712	21.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	133503	89.381	ug/l	100
59) 2-Hexanone	9.49	43	277493	118.023	ug/l	98
60) Dibromochloromethane	9.58	129	31571	20.494	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34543	21.696	ug/l	99
64) Tetrachloroethene	9.34	164	30192	21.906	ug/l	95
65) Chlorobenzene	10.13	112	83450	20.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	30562	20.973	ug/l	99
67) Ethyl Benzene	10.25	91	151688	20.506	ug/l	100
68) m/p-Xylenes	10.36	106	110342	40.819	ug/l	98
69) o-Xylene	10.70	106	55628	20.857	ug/l	98
70) Styrene	10.71	104	95724	20.650	ug/l	99
71) Bromoform	10.85	173	23909	20.190	ug/l #	99
73) Isopropylbenzene	11.02	105	146954	20.641	ug/l	99
74) N-amyl acetate	10.90	43	90783	21.871	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	58109	21.894	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63421	27.926	ug/l	82
77) Bromobenzene	11.26	156	37024	20.952	ug/l	97
78) n-propylbenzene	11.36	91	165452	20.348	ug/l	100
79) 2-Chlorotoluene	11.42	91	102778	20.488	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	124447	20.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	14815	16.691	ug/l	91
82) 4-Chlorotoluene	11.51	91	116018	20.472	ug/l	99
83) tert-Butylbenzene	11.77	119	117947	20.225	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	125611	20.875	ug/l	99
85) sec-Butylbenzene	11.94	105	140660	20.345	ug/l	99
86) p-Isopropyltoluene	12.06	119	127366	20.492	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	65198	20.696	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64381	20.271	ug/l	98
89) n-Butylbenzene	12.38	91	109310	19.458	ug/l	99
90) Hexachloroethane	12.59	117	20888	19.726	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	66539	20.738	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13755	23.103	ug/l	97

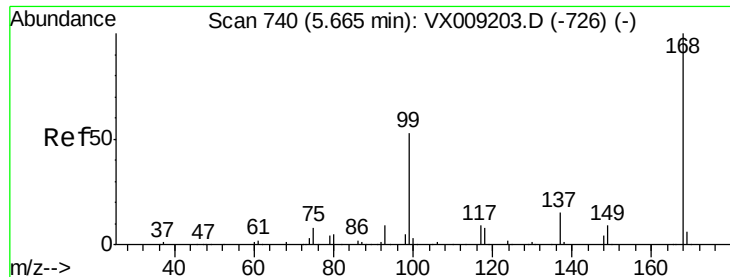
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44897	20.462	ug/l	98
94) Hexachlorobutadiene	13.78	225	22906	20.443	ug/l	98
95) Naphthalene	13.83	128	157210	22.023	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	48028	21.594	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: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

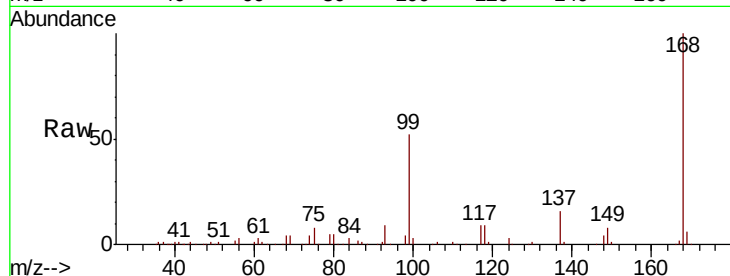
VX0517WBS04

Tot Ion:168 Resp: 134890

Ion Ratio Lower Upper

168 100

99 51.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

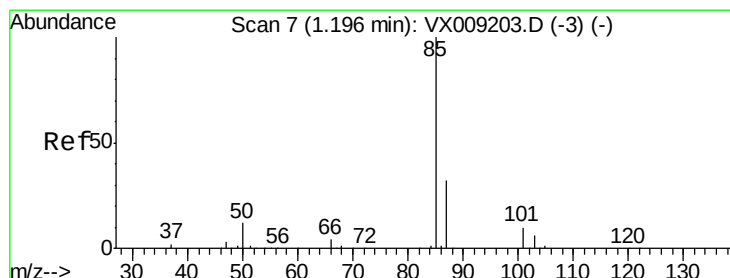
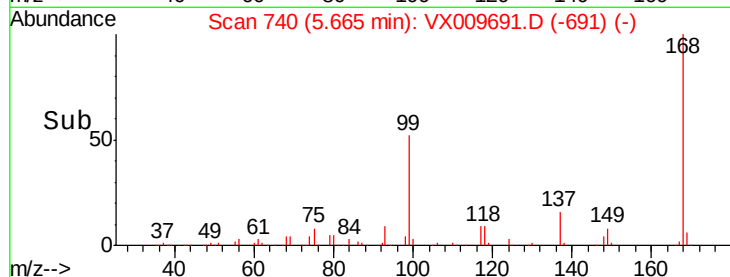
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.469 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009691.D

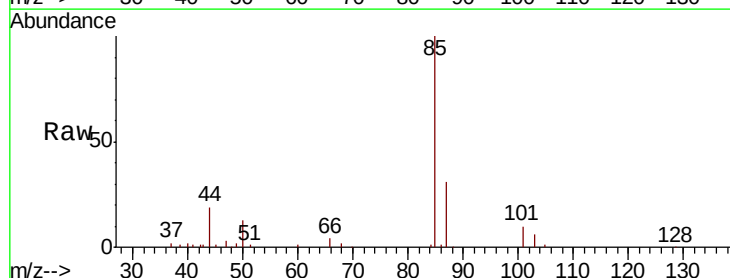
Acq: 18 May 2019 03:55

Tgt Ion: 85 Resp: 20471

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

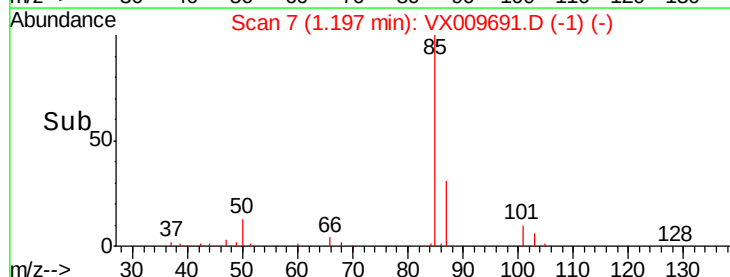
15000

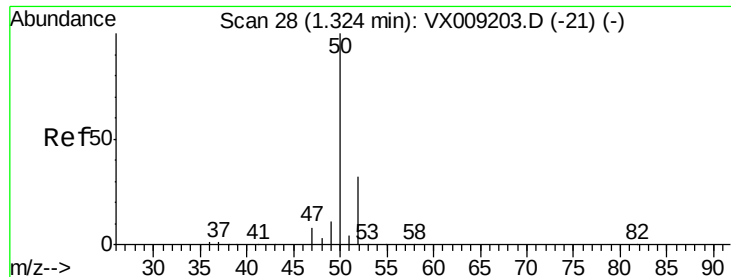
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.663 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

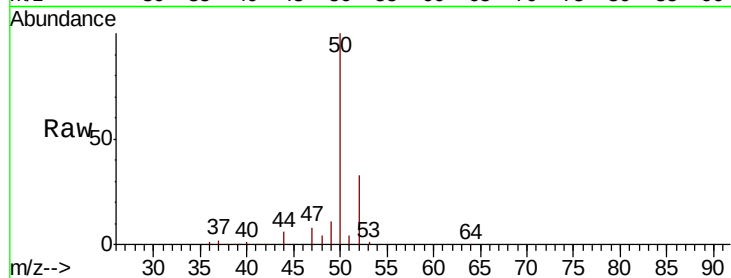
VX0517WBS04

Tot Ion: 50 Resp: 33369

Ion Ratio Lower Upper

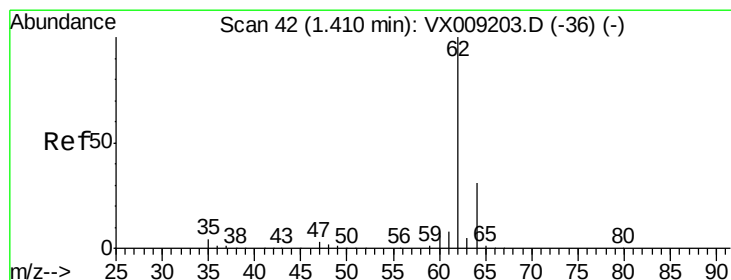
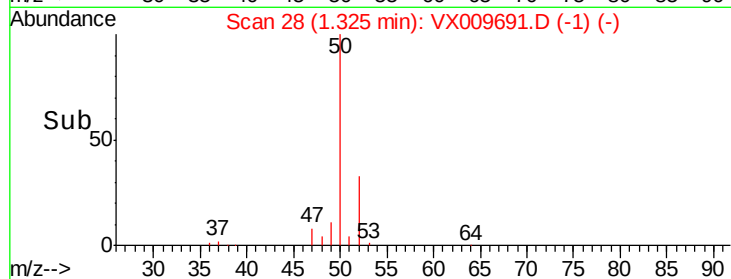
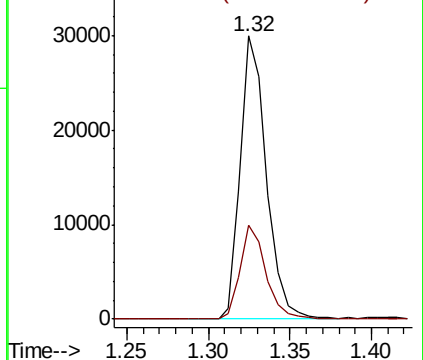
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.952 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009691.D

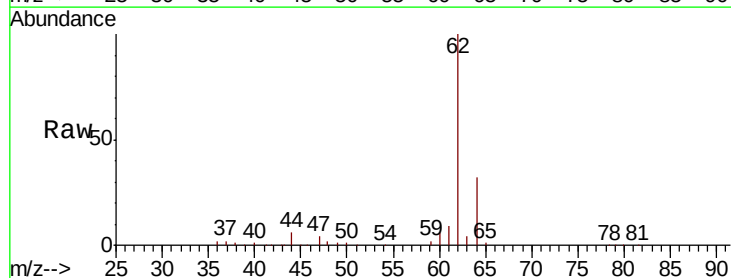
Acq: 18 May 2019 03:55

Tgt Ion: 62 Resp: 33017

Ion Ratio Lower Upper

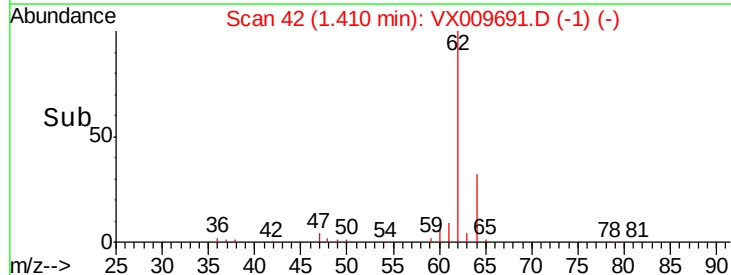
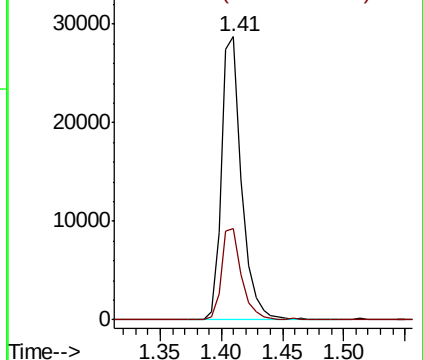
62 100

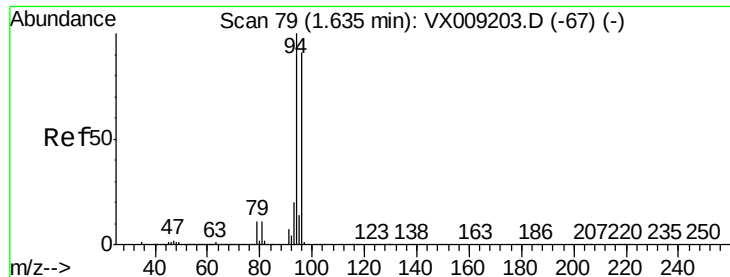
64 32.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.577 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

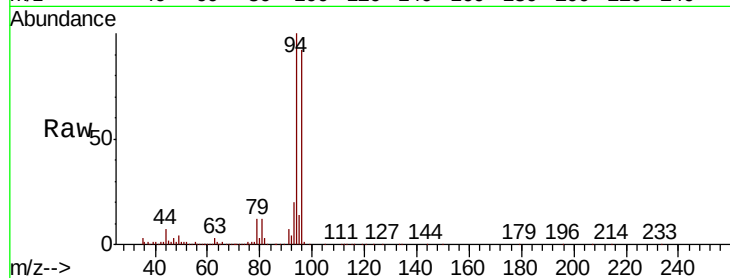
VX0517WBS04

Tot Ion: 94 Resp: 21432

Ion Ratio Lower Upper

94 100

96 91.7 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

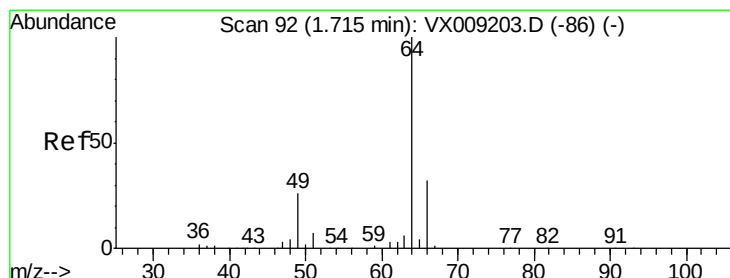
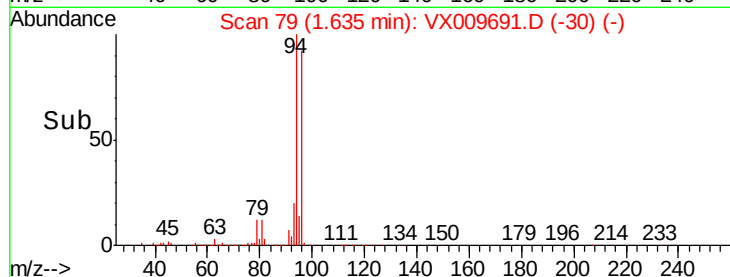
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.417 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009691.D

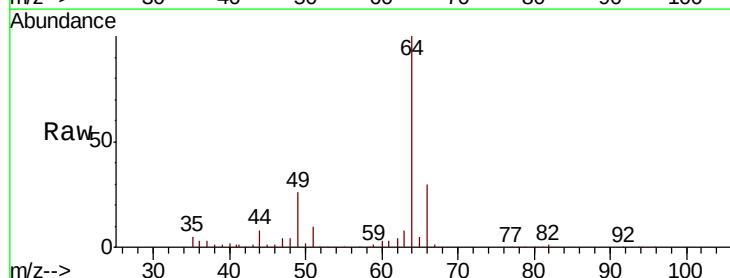
Acq: 18 May 2019 03:55

Tgt Ion: 64 Resp: 21693

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

15000

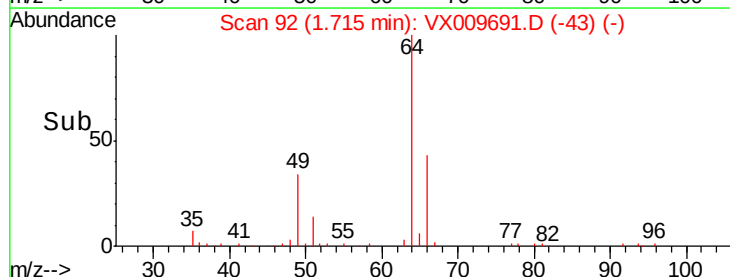
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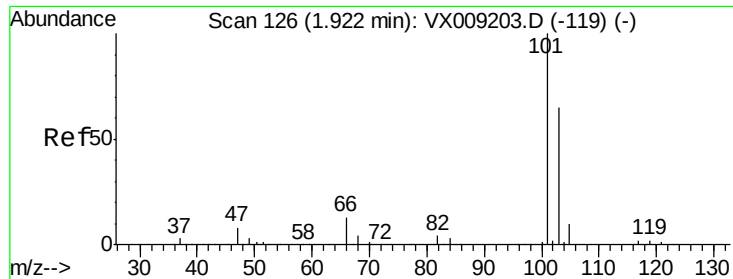
5000

0

Time-->

1.65 1.70 1.75 1.80



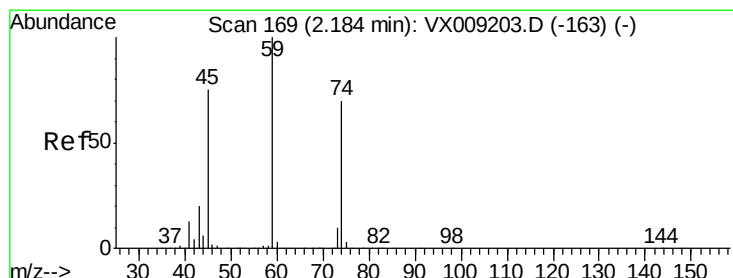
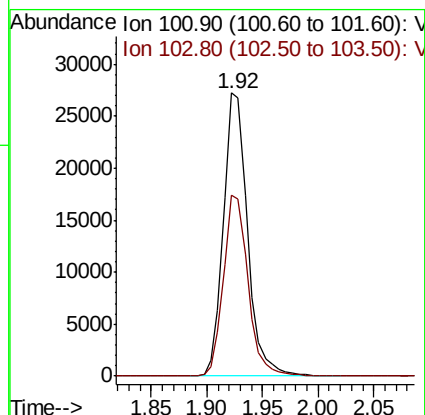
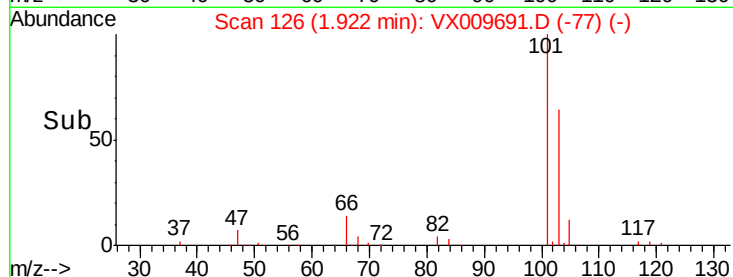
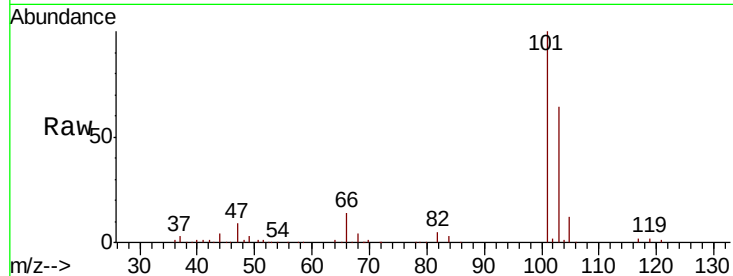


#7

Trichlorofluoromethane
 Concen: 20.384 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

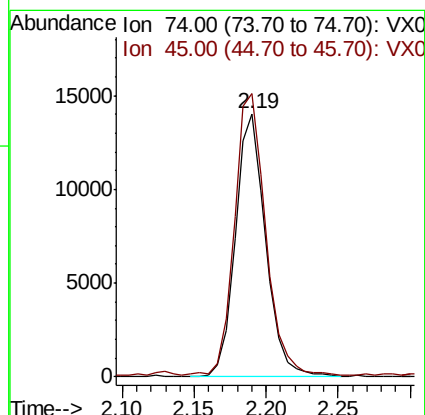
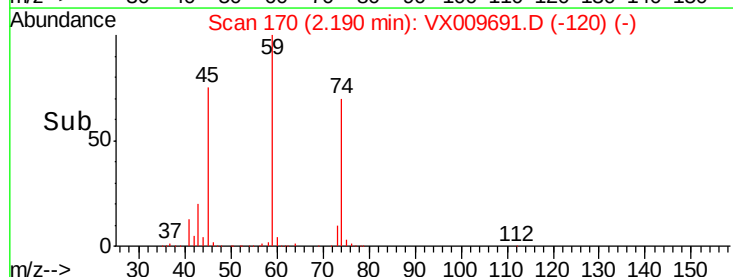
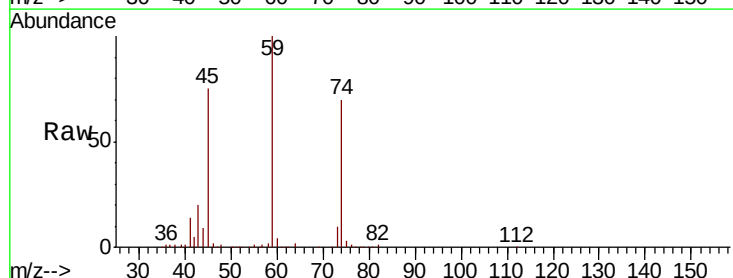
Tot Ion:101 Resp: 41003
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6

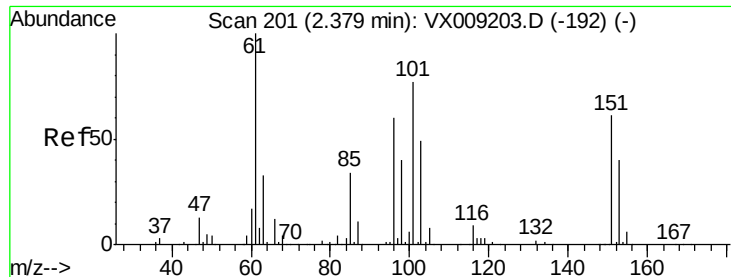


#8

Diethyl Ether
 Concen: 21.645 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 74 Resp: 20624
 Ion Ratio Lower Upper
 74 100
 45 109.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.292 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

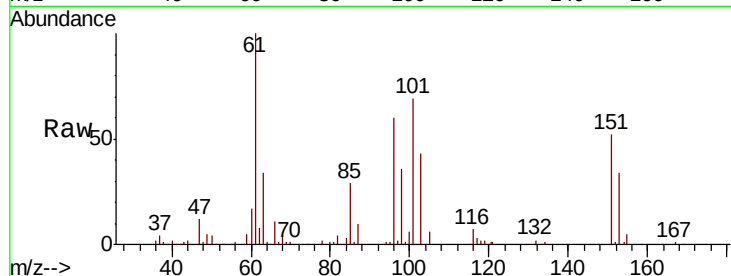
Tot Ion:101 Resp: 24370

Ion Ratio Lower Upper

101 100

85 43.2 35.7 53.5

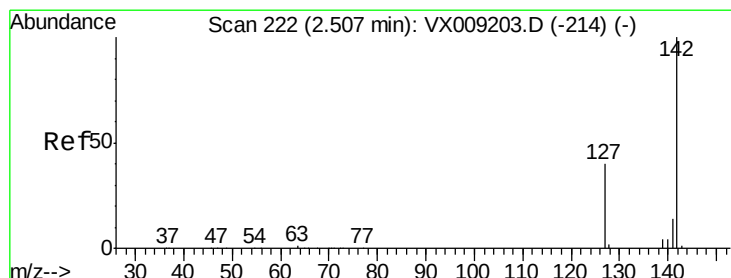
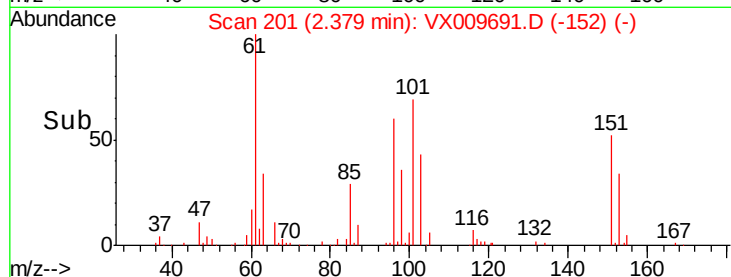
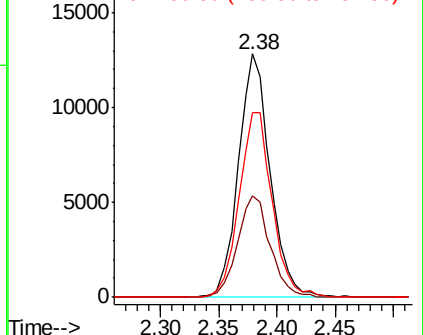
151 79.1 62.2 93.2



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: 18.377 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

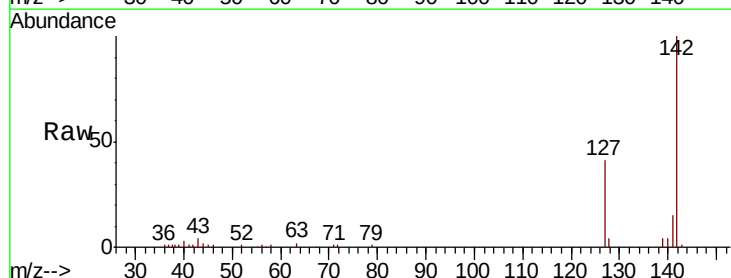
Tgt Ion:142 Resp: 22276

Ion Ratio Lower Upper

142 100

127 42.1 32.7 49.1

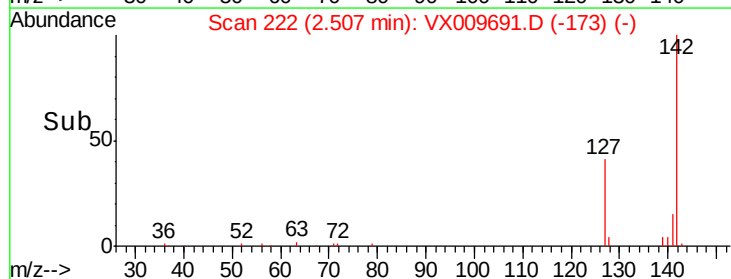
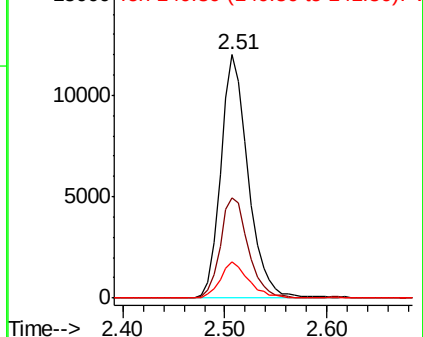
141 15.1 11.5 17.3

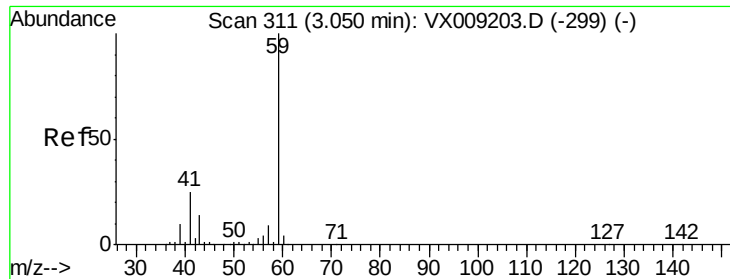


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

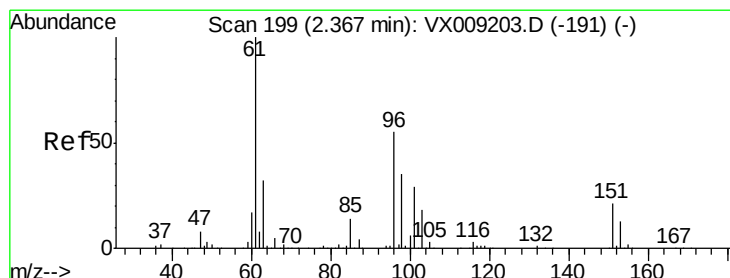
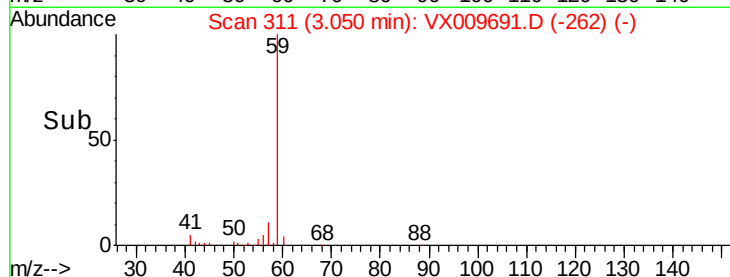
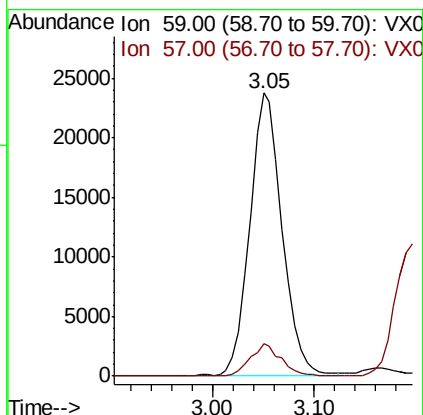
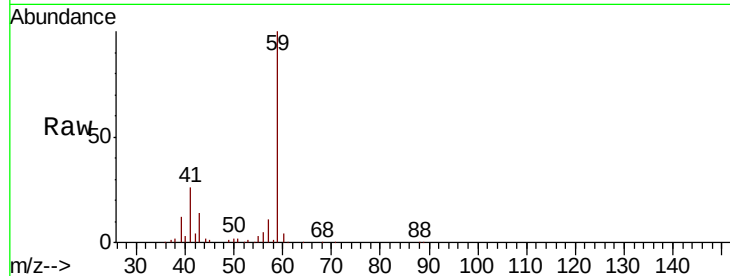




#11
Tert butyl alcohol
Concen: 122.928 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

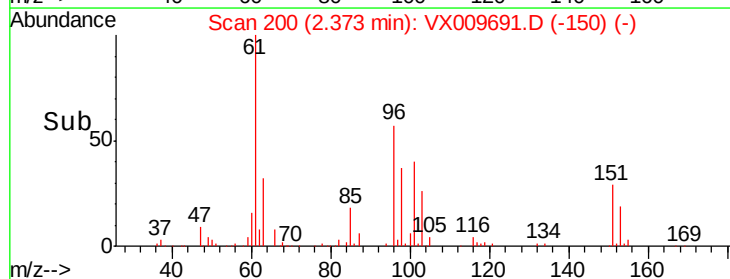
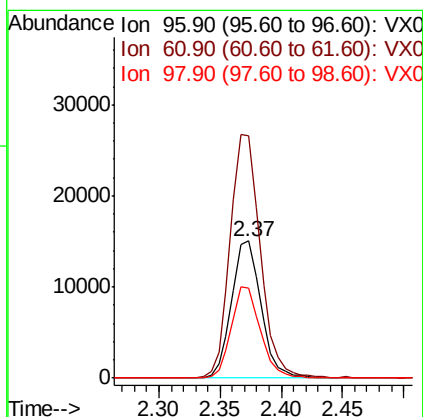
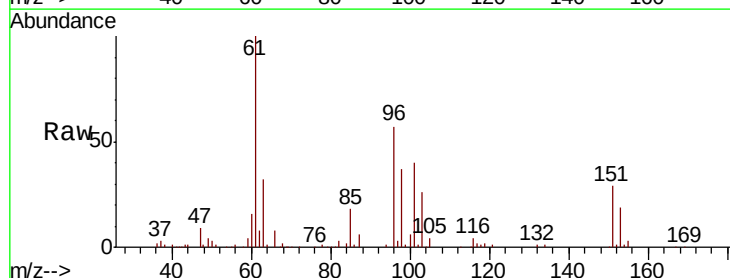
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

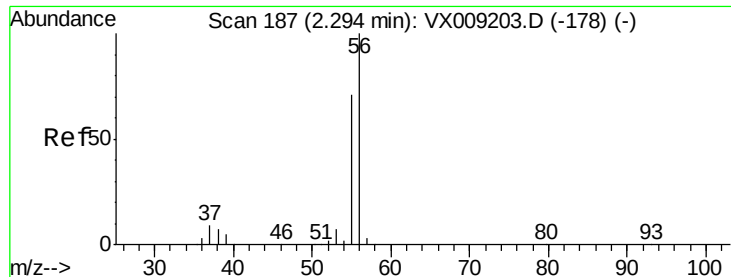
Tot Ion: 59 Resp: 52397
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.934 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 96 Resp: 25229
Ion Ratio Lower Upper
96 100
61 177.0 144.3 216.5
98 65.3 50.3 75.5





#13

Acrolein

Concen: 102.721 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

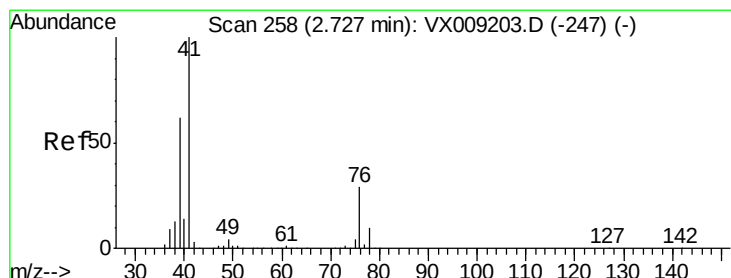
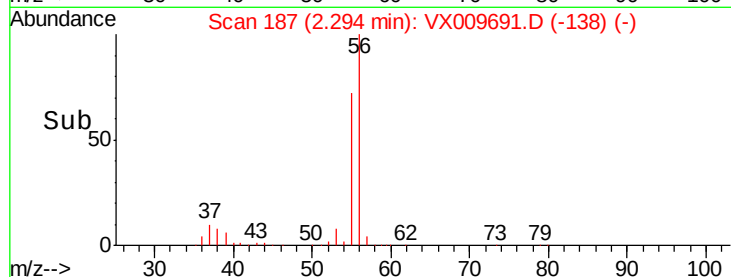
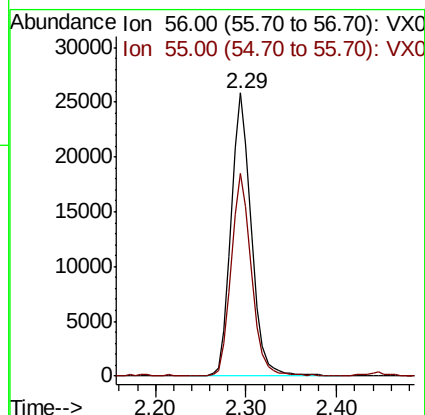
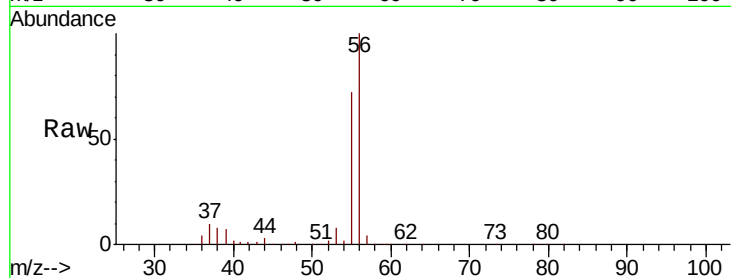
VX0517WBS04

Tot Ion: 56 Resp: 39652

Ion Ratio Lower Upper

56 100

55 72.6 56.6 85.0



#14

Allyl chloride

Concen: 20.036 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

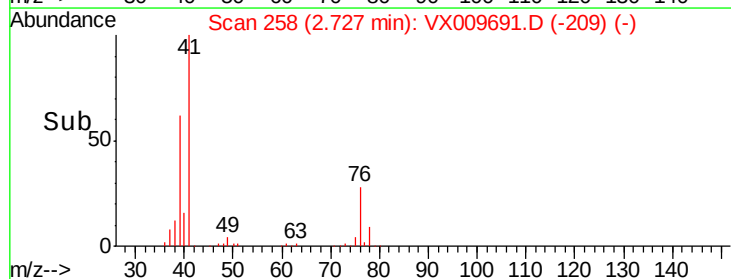
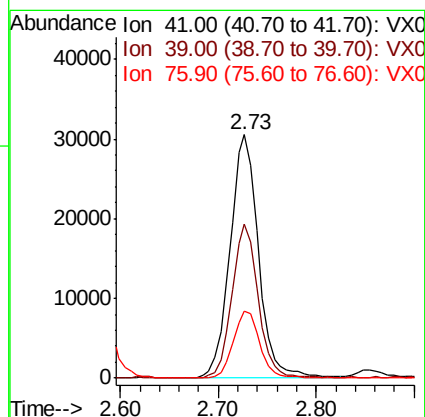
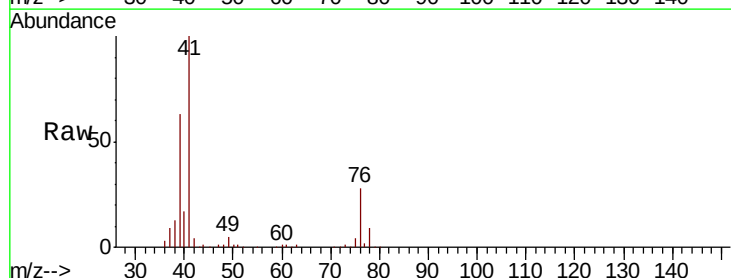
Tgt Ion: 41 Resp: 61800

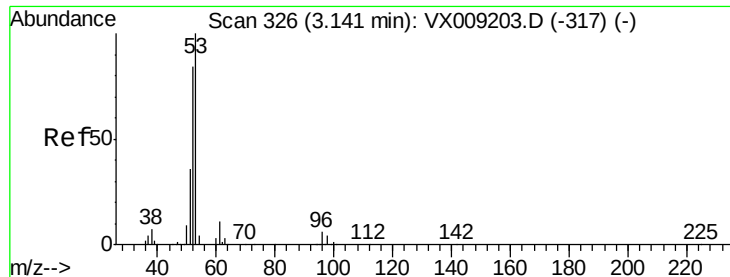
Ion Ratio Lower Upper

41 100

39 57.4 46.7 70.1

76 25.6 21.8 32.8





#15

Acrylonitrile

Concen: 117.246 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

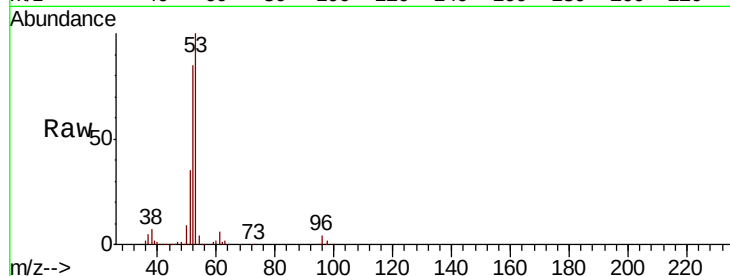
Tot Ion: 53 Resp: 122193

Ion Ratio Lower Upper

53 100

52 82.8 66.9 100.3

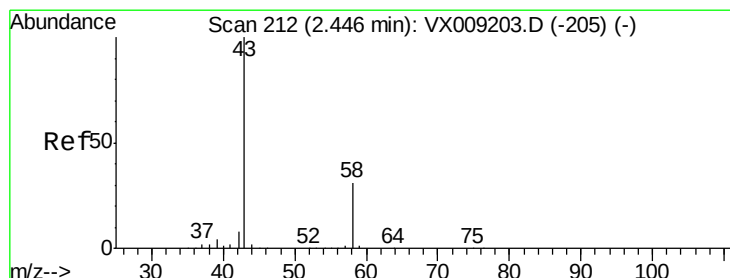
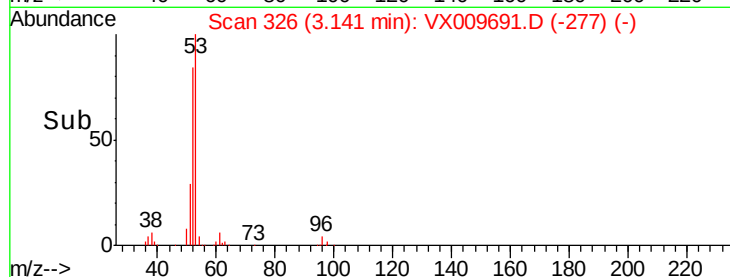
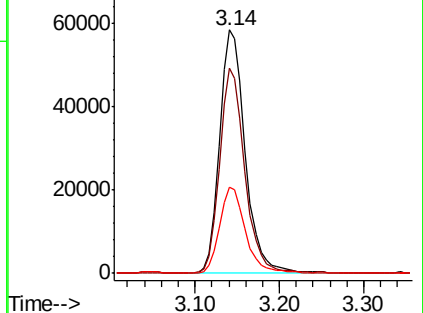
51 36.1 28.2 42.2



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: 111.793 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009691.D

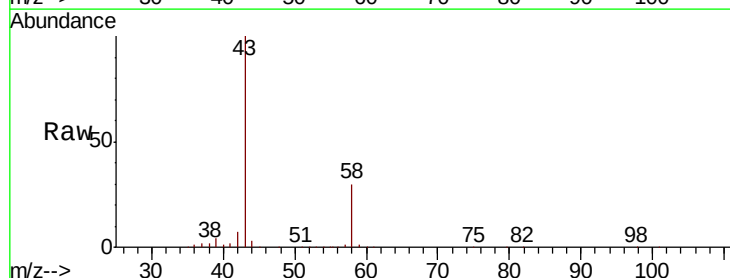
Acq: 18 May 2019 03:55

Tgt Ion: 43 Resp: 110537

Ion Ratio Lower Upper

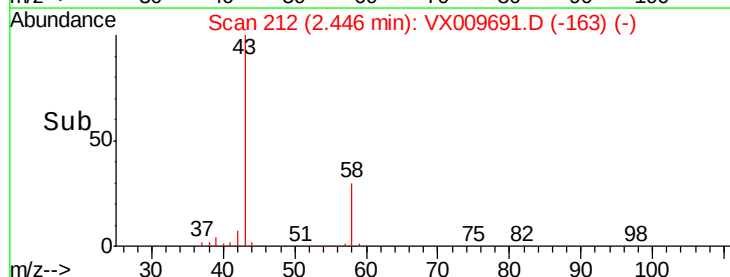
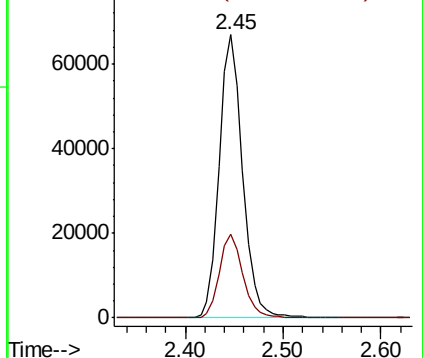
43 100

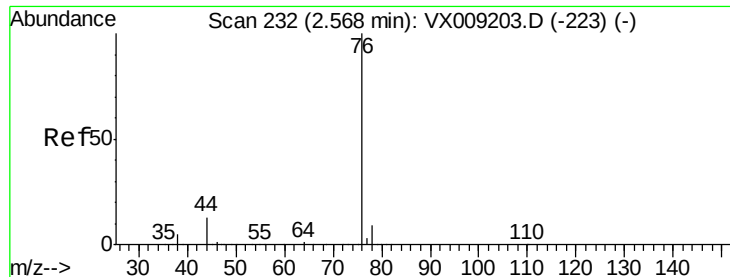
58 29.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.023 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

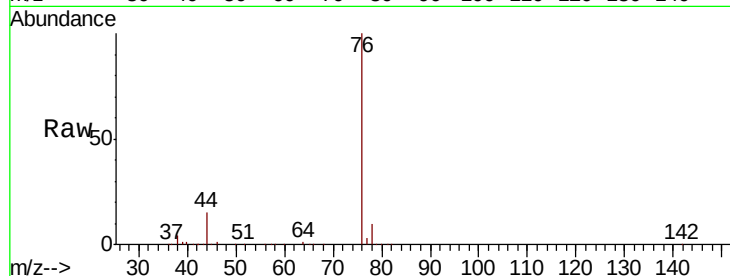
VX0517WBS04

Tot Ion: 76 Resp: 64043

Ion Ratio Lower Upper

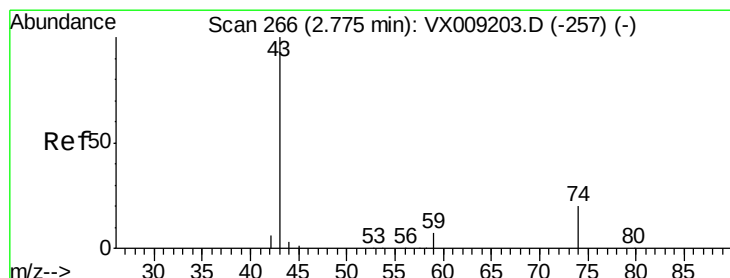
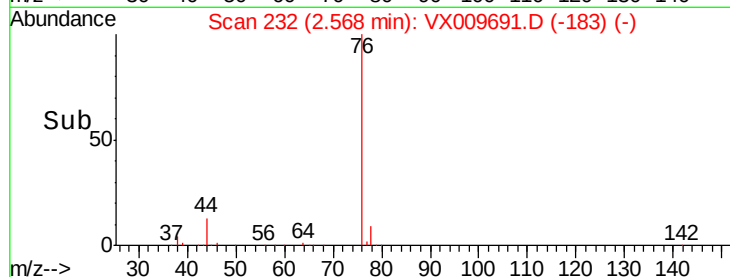
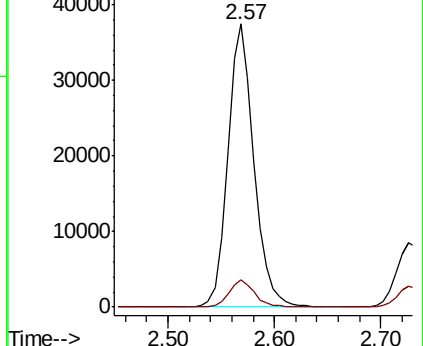
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.132 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009691.D

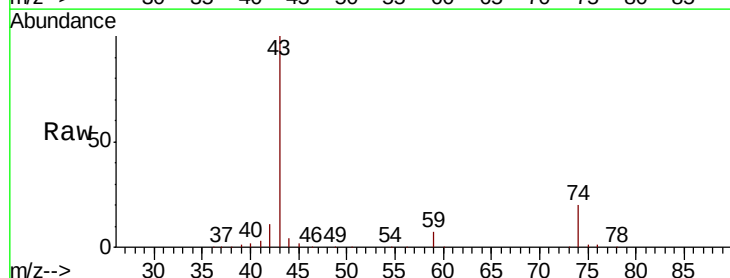
Acq: 18 May 2019 03:55

Tgt Ion: 43 Resp: 56746

Ion Ratio Lower Upper

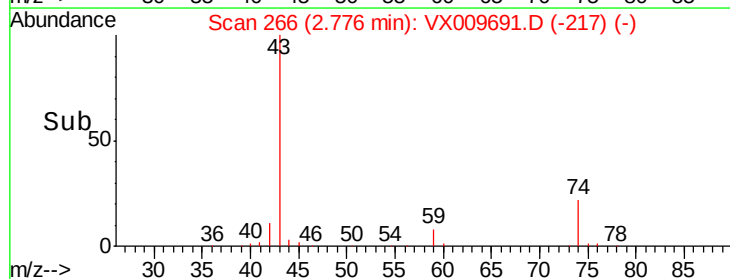
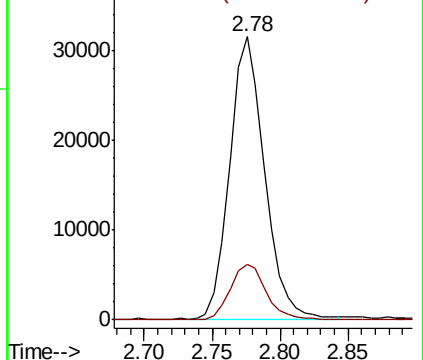
43 100

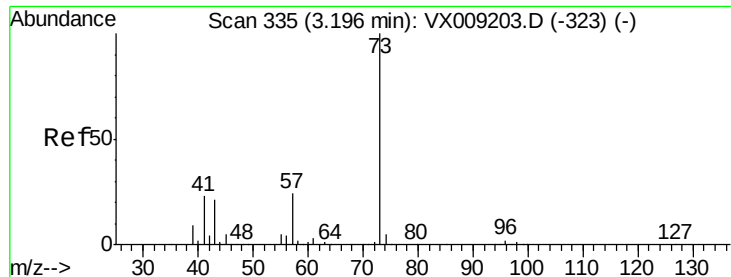
74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

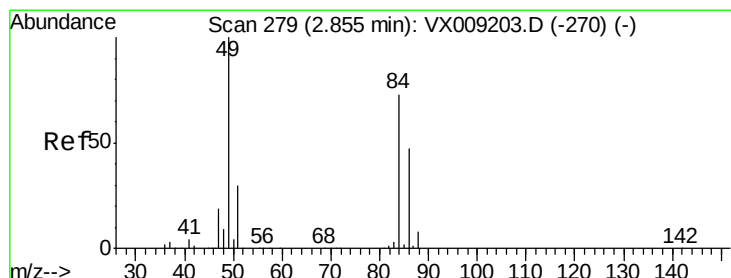
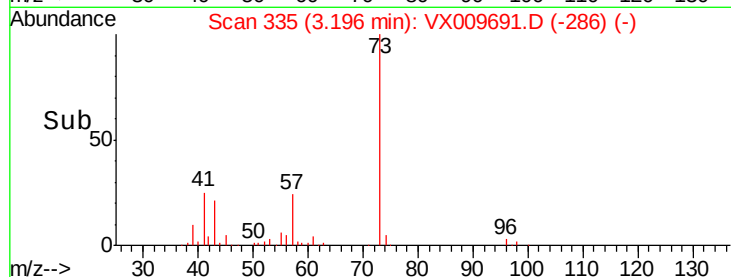
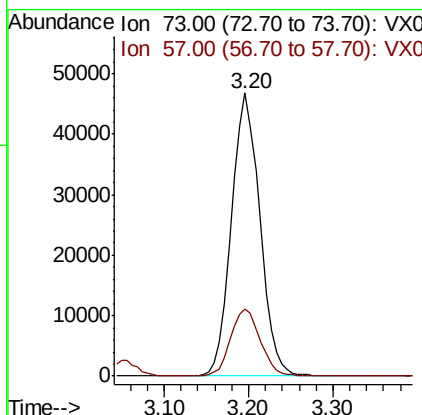
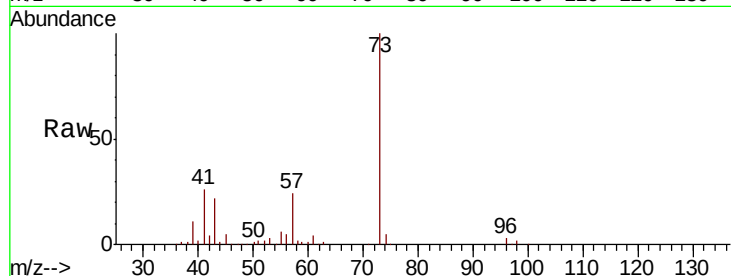




#19
Methvl tert-butvl Ether
Concen: 21.785 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

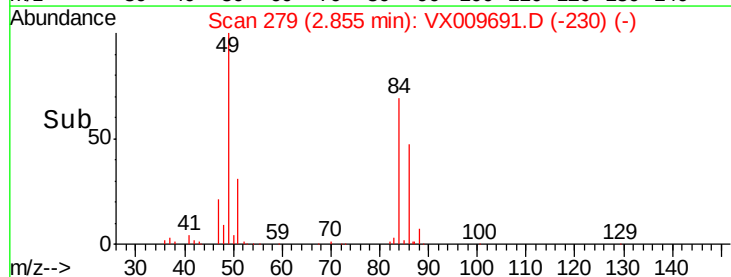
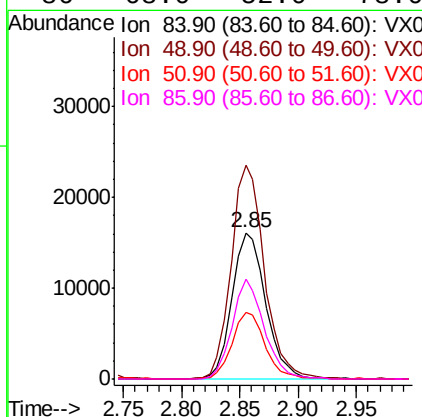
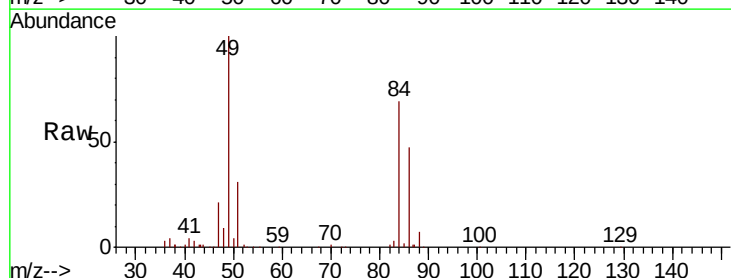
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

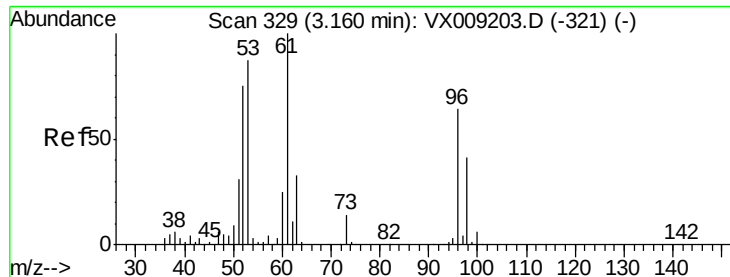
Tot Ion: 73 Resp: 107072
Ion Ratio Lower Upper
73 100
57 23.5 19.3 28.9



#20
Methylene Chloride
Concen: 20.335 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 84 Resp: 32556
Ion Ratio Lower Upper
84 100
49 145.4 109.9 164.9
51 44.7 32.7 49.1
86 68.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.551 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

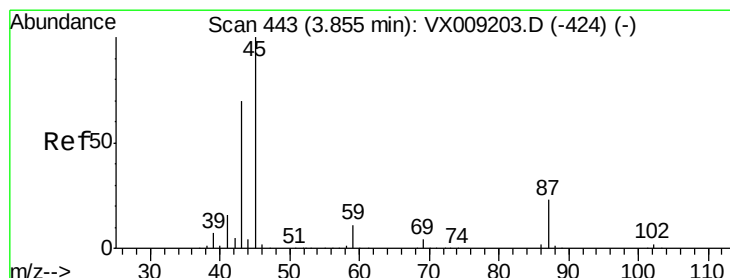
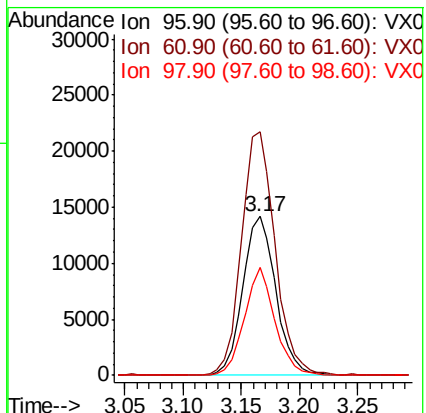
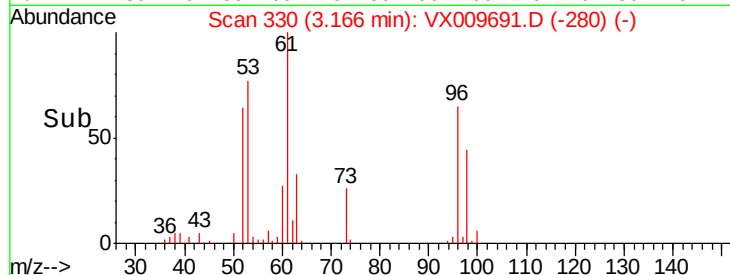
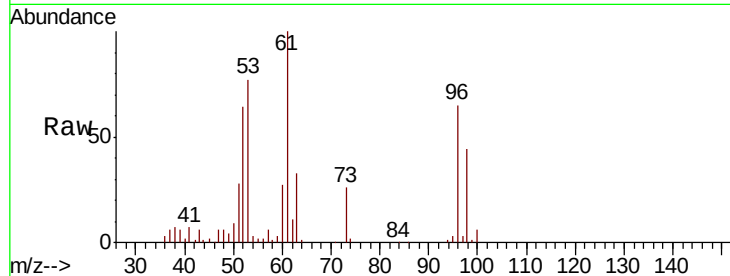
Tot Ion: 96 Resp: 28209

Ion Ratio Lower Upper

96 100

61 153.2 124.5 186.7

98 68.1 50.4 75.6



#22

Diisopropyl ether

Concen: 22.295 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Tgt Ion: 45 Resp: 132248

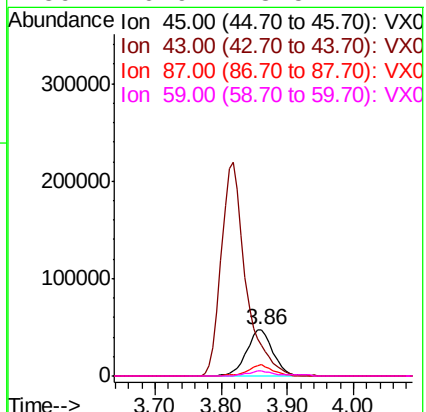
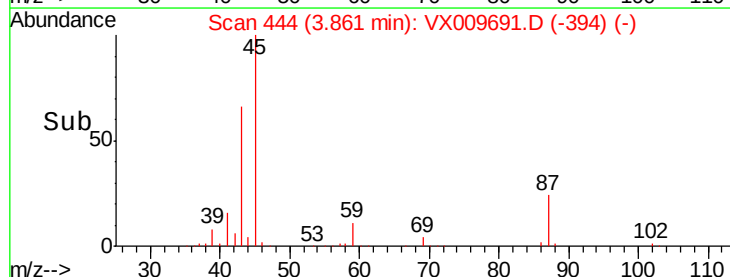
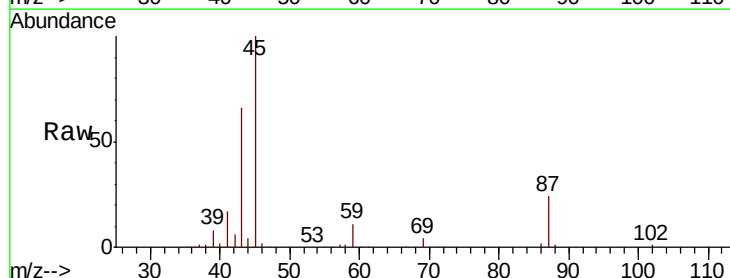
Ion Ratio Lower Upper

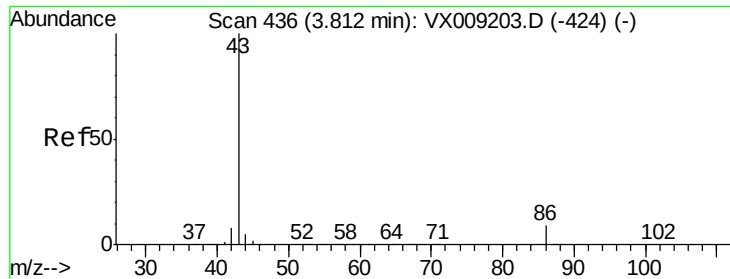
45 100

43 65.9 56.1 84.1

87 23.8 18.1 27.1

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 111.303 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

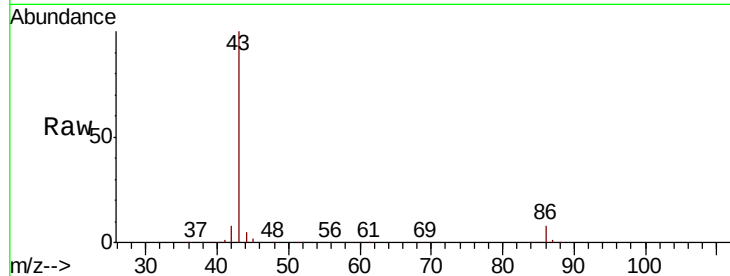
VX0517WBS04

Tot Ion: 43 Resp: 565348

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

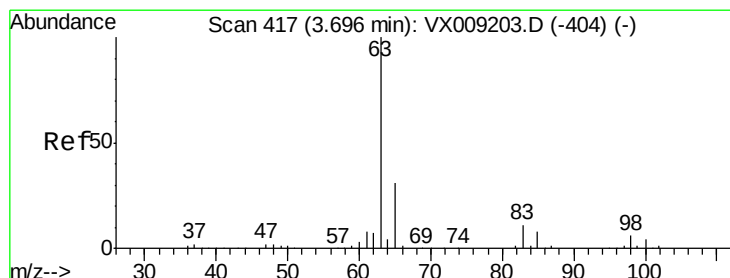
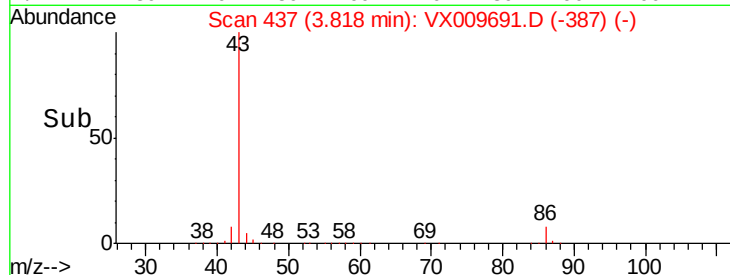
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.076 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

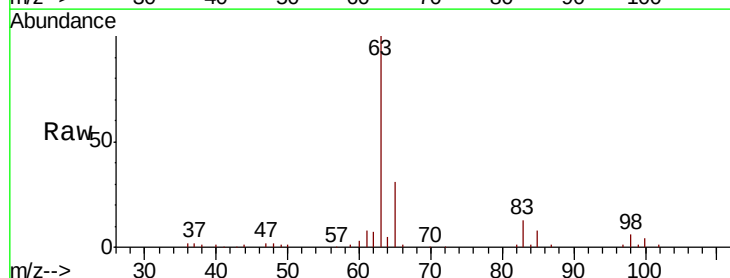
Tgt Ion: 63 Resp: 61672

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

30000

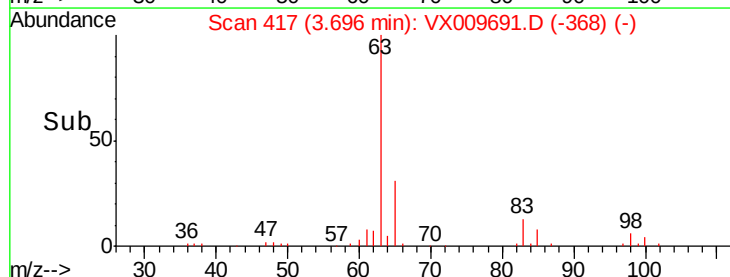
20000

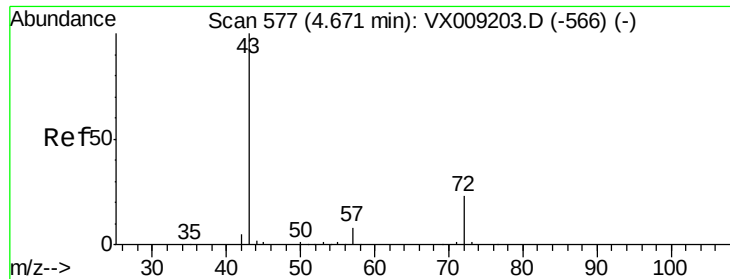
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 118.245 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

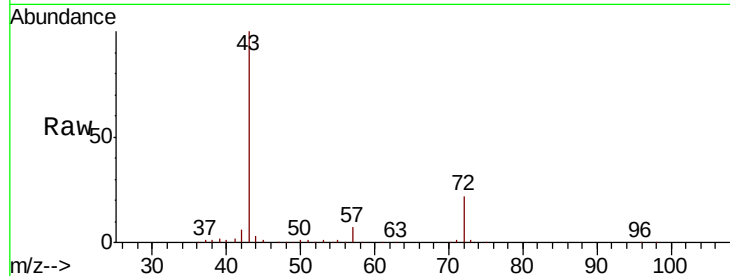
VX0517WBS04

Tot Ion: 43 Resp: 181684

Ion Ratio Lower Upper

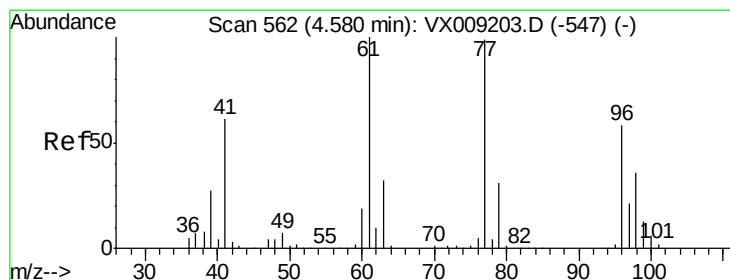
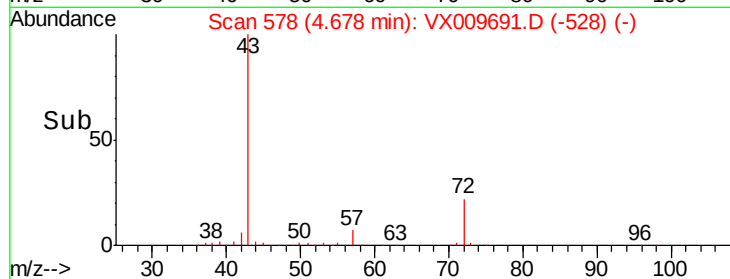
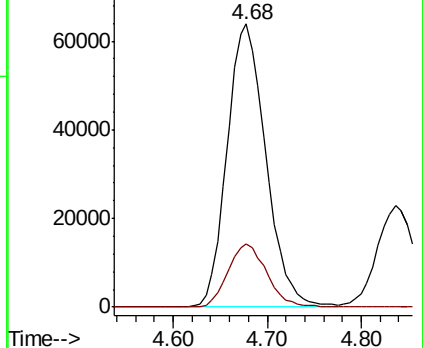
43 100

72 22.0 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: 12.062 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009691.D

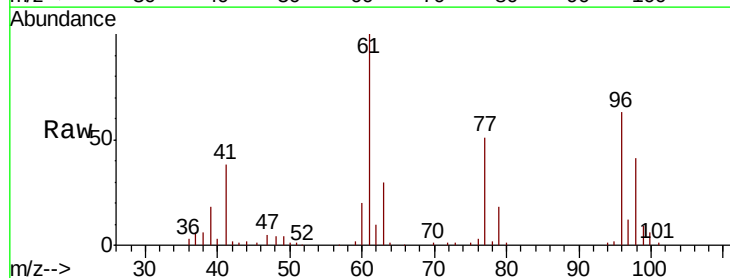
Acq: 18 May 2019 03:55

Tgt Ion: 77 Resp: 26271

Ion Ratio Lower Upper

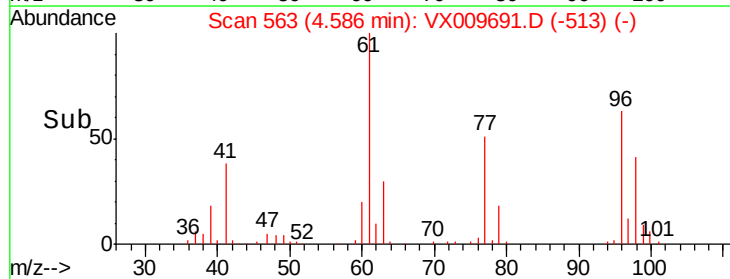
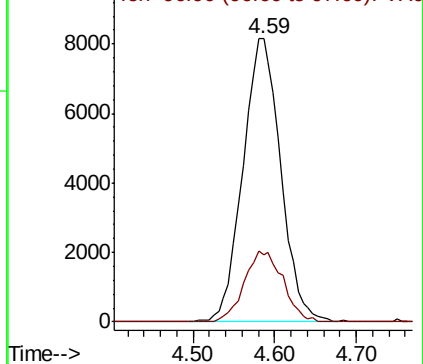
77 100

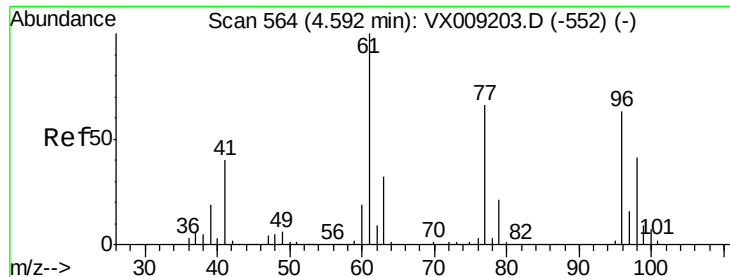
97 25.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



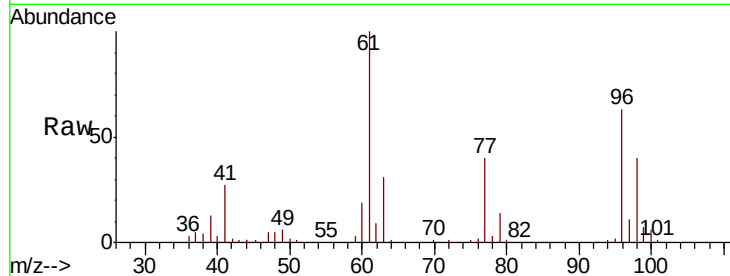


#27

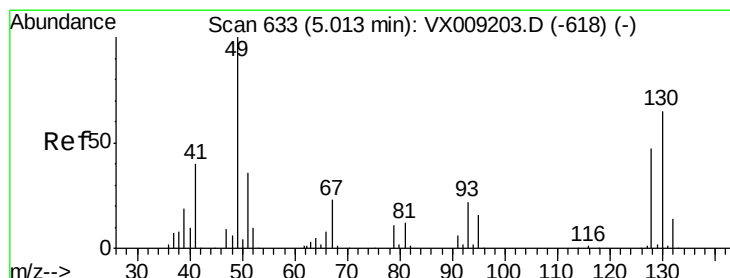
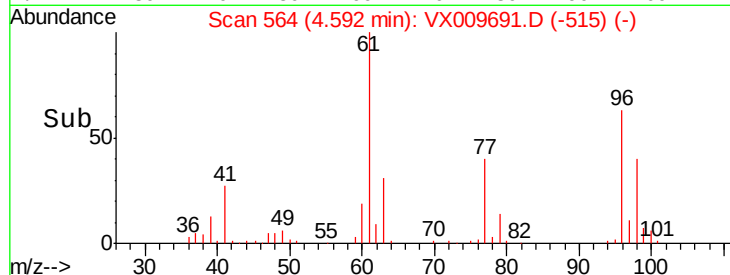
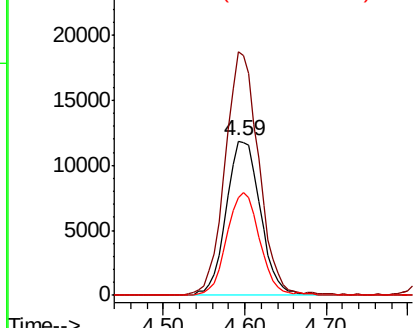
cis-1,2-Dichloroethene
 Concen: 20.989 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

Tot Ion: 96 Resp: 34387
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 324.0
 98 64.3 0.0 130.4



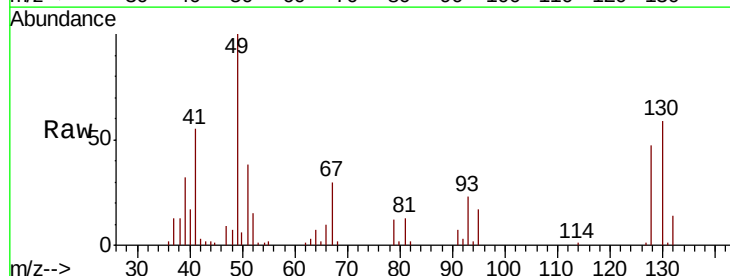
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



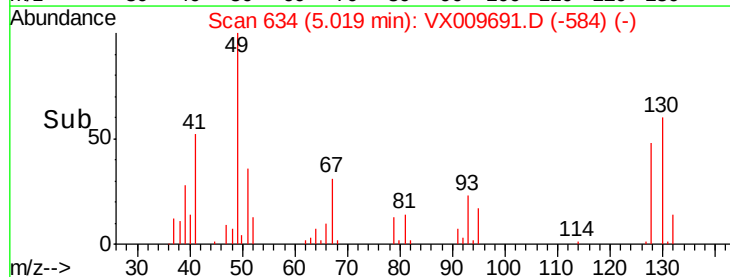
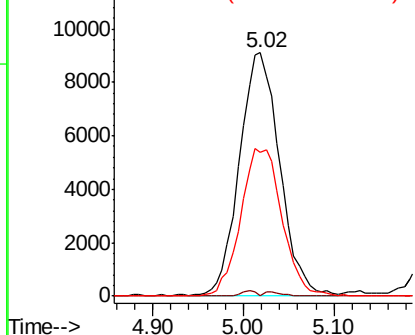
#28

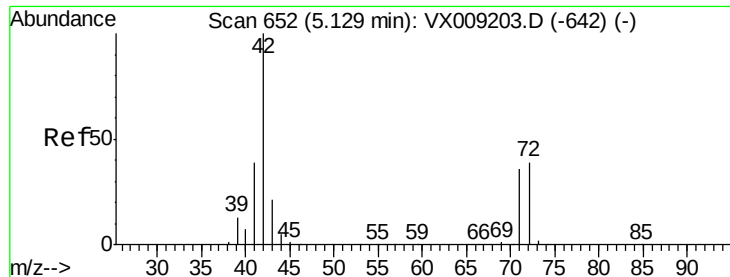
Bromochloromethane
 Concen: 22.419 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 49 Resp: 28189
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 61.8 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: 121.219 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

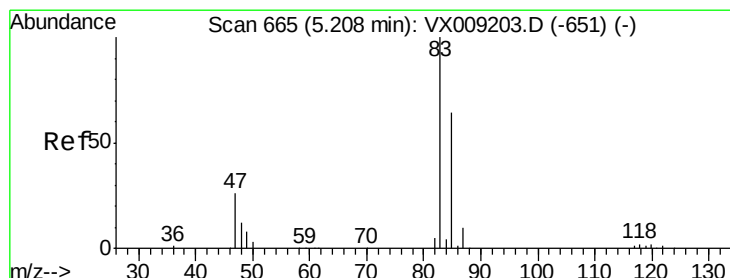
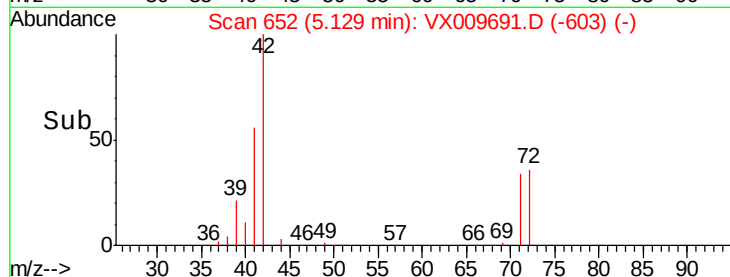
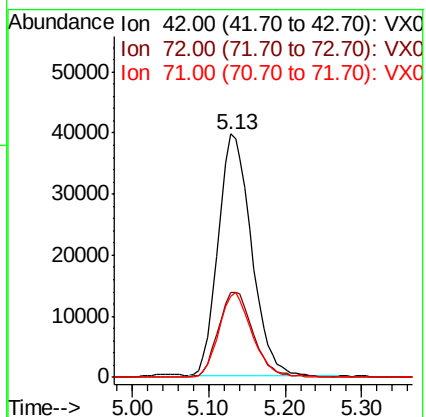
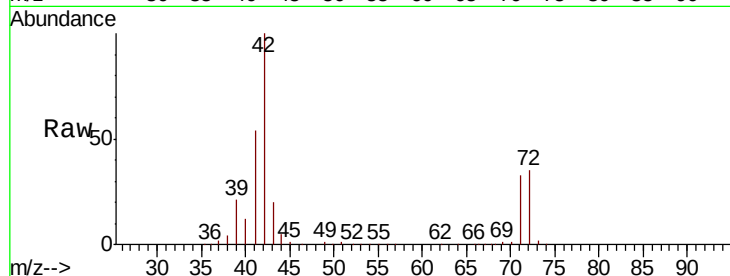
Tot Ion: 42 Resp: 119854

Ion Ratio Lower Upper

42 100

72 36.5 30.4 45.6

71 34.7 28.6 43.0



#30

Chloroform

Concen: 21.554 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009691.D

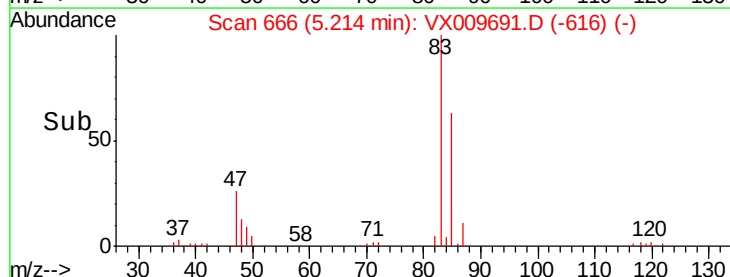
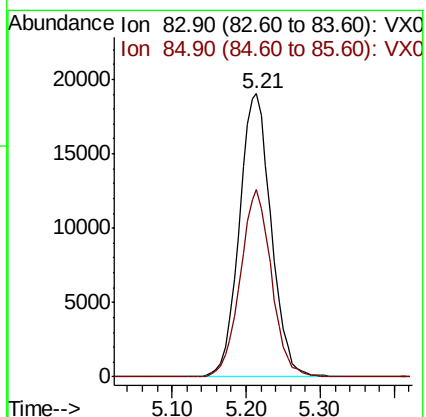
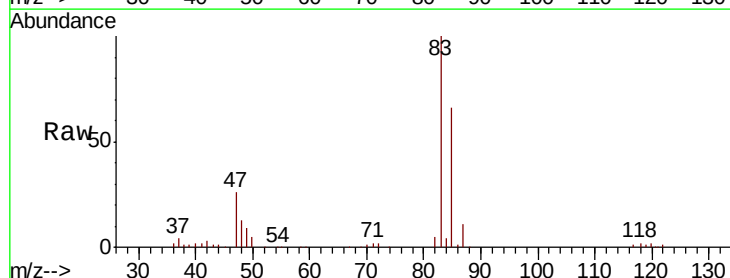
Acq: 18 May 2019 03:55

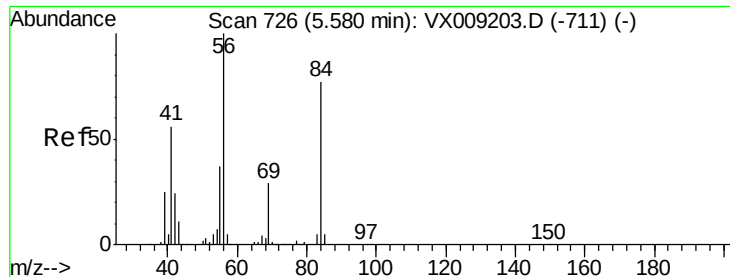
Tgt Ion: 83 Resp: 57044

Ion Ratio Lower Upper

83 100

85 66.1 51.5 77.3

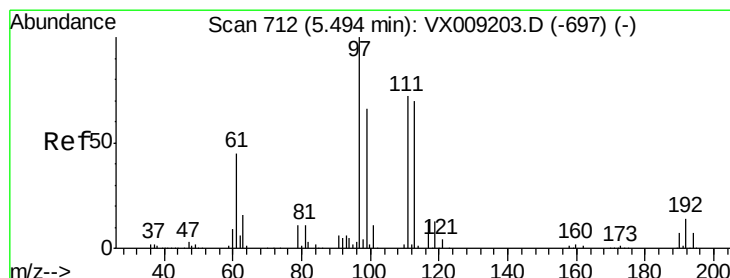
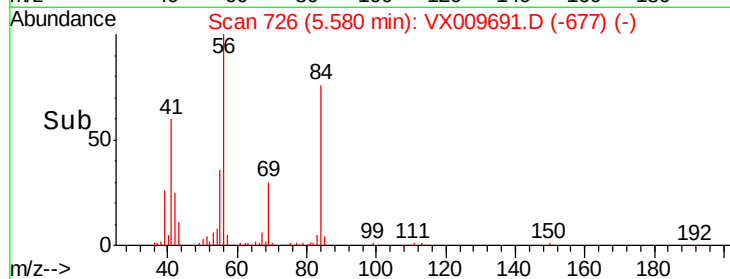
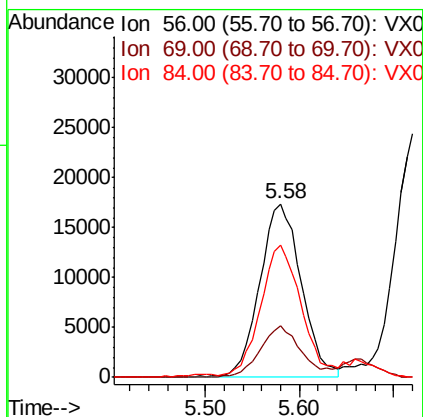
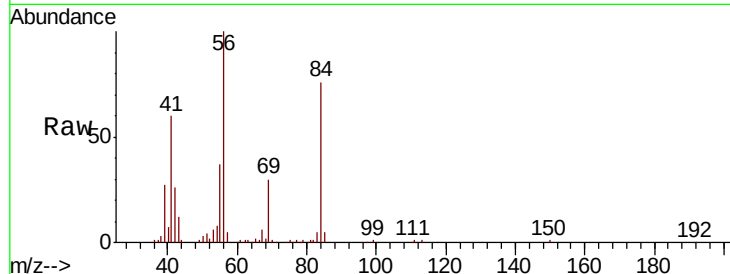




#31
Cyclohexane
Concen: 19.767 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

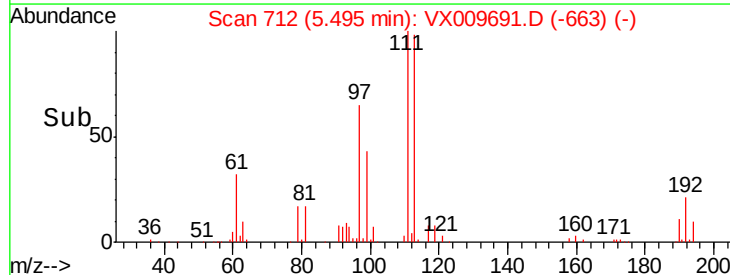
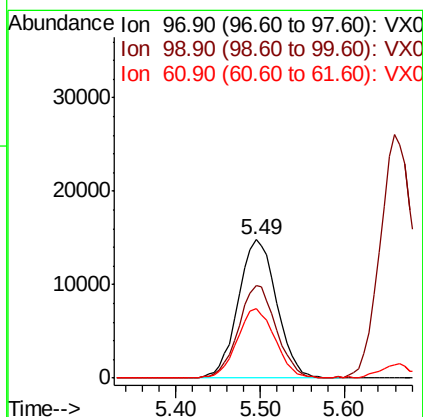
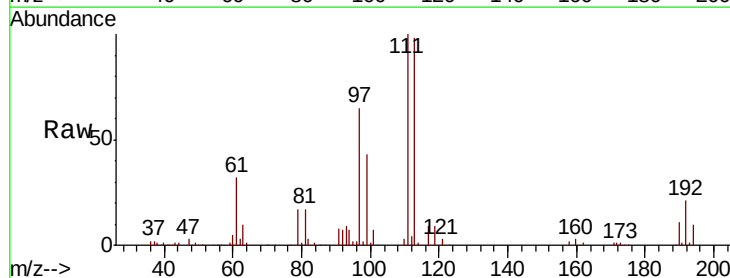
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

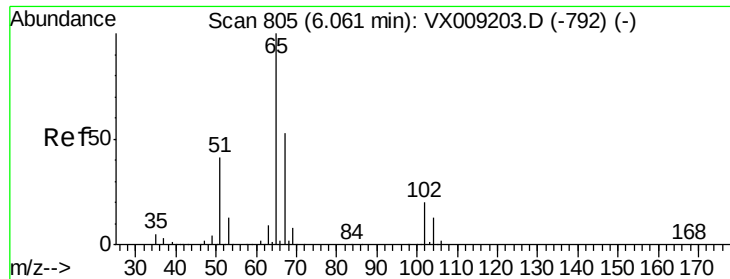
Tot Ion: 56 Resp: 53815
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.0
84 74.8 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 20.834 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 97 Resp: 45900
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.8
61 49.5 37.8 56.8

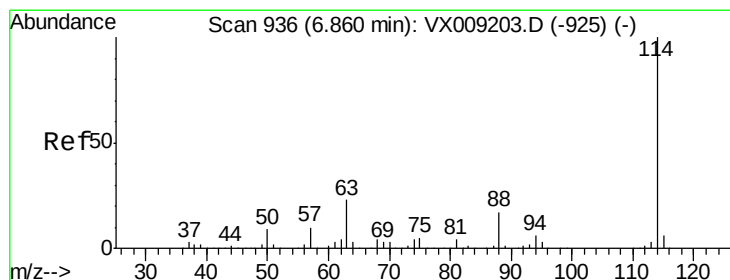
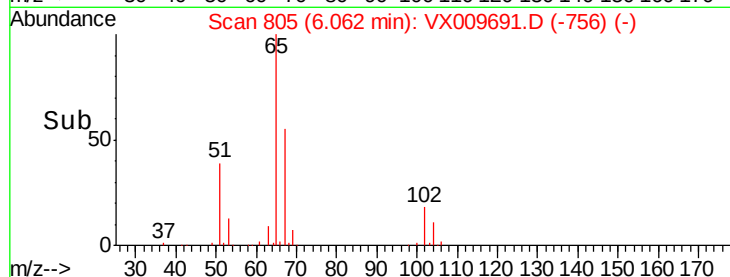
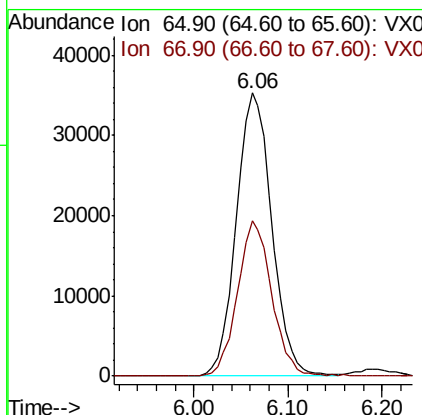
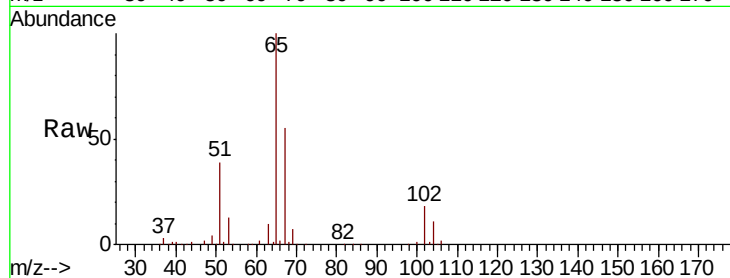




#33
 1,2-Dichloroethane-d4
 Concen: 50.512 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

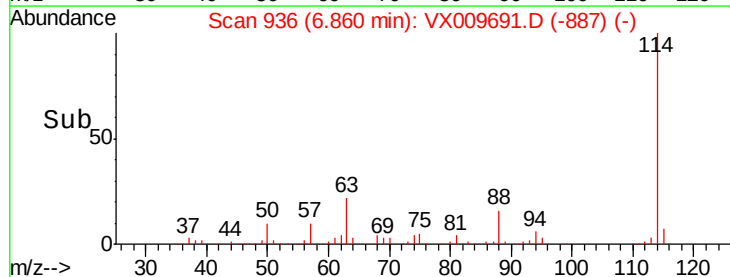
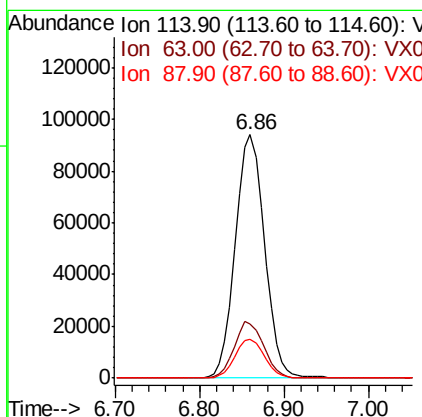
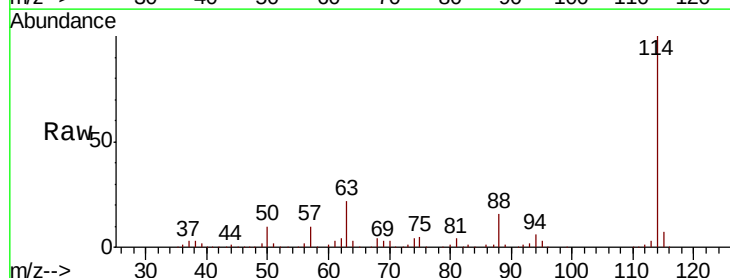
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

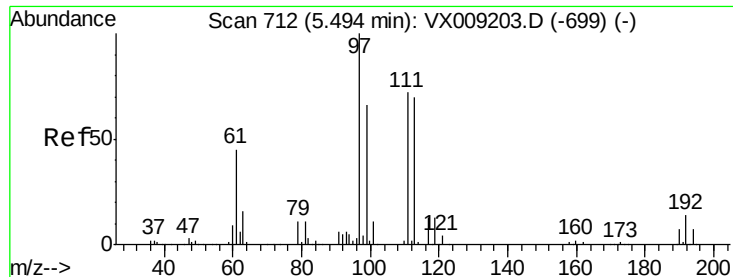
Tot Ion: 65 Resp: 93013
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 114 Resp: 221141
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.443 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

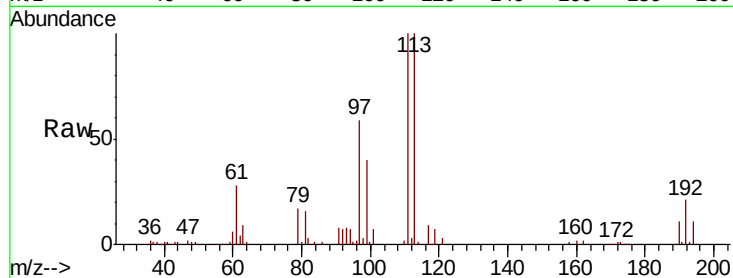
Tot Ion:113 Resp: 67344

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

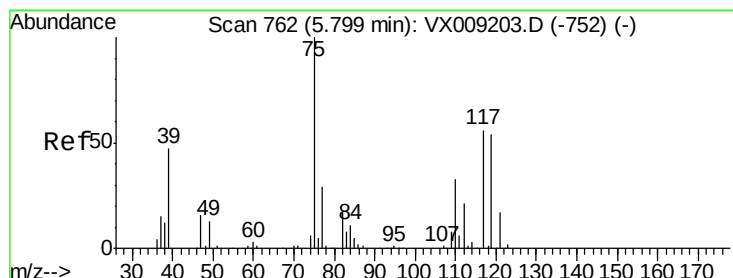
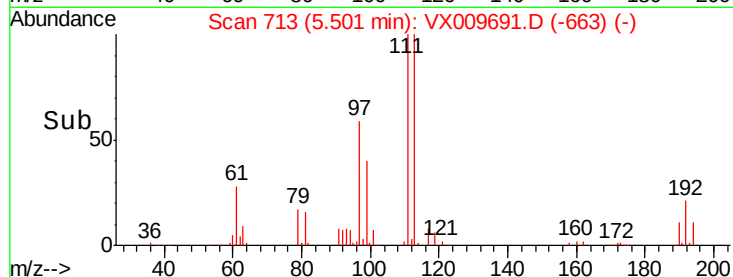
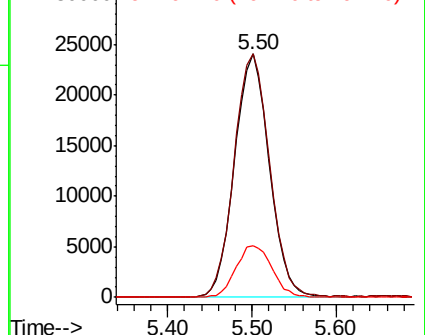
192 21.9 17.0 25.6



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: 20.085 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

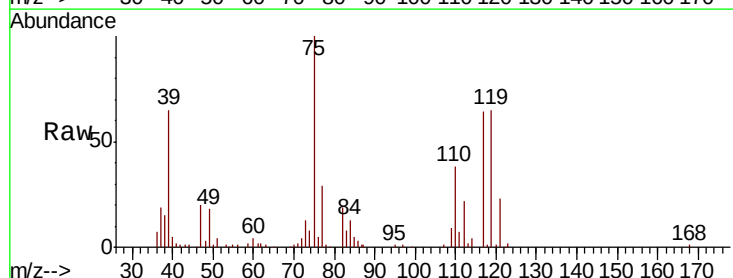
Tgt Ion: 75 Resp: 41277

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.6

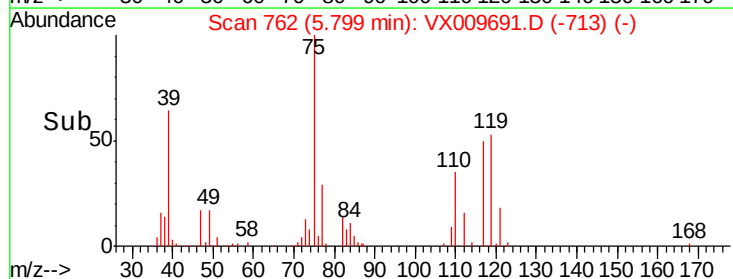
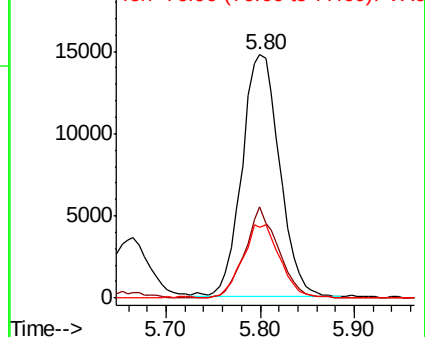
77 30.6 24.8 37.2

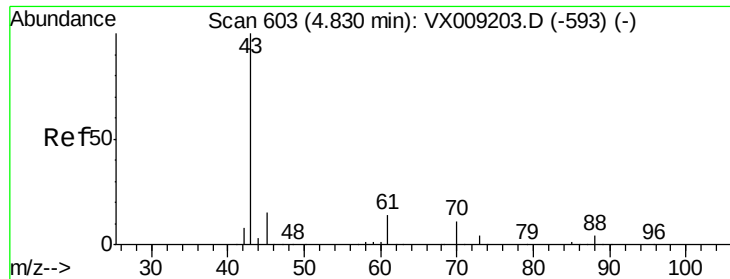


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

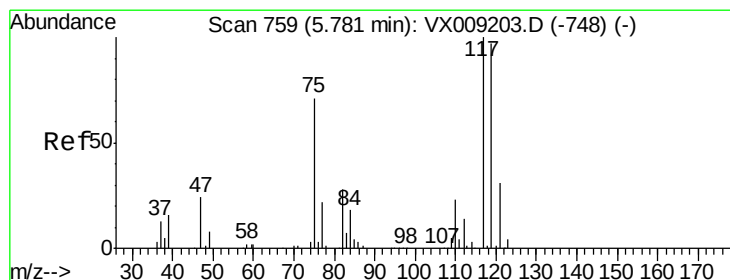
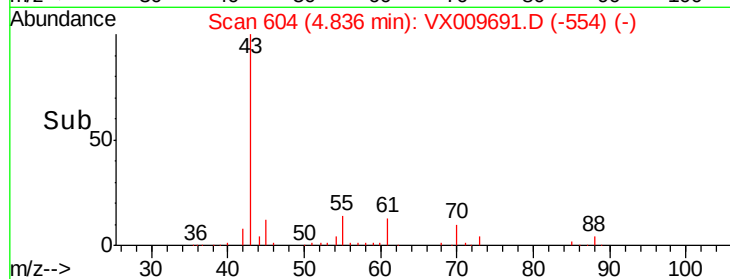
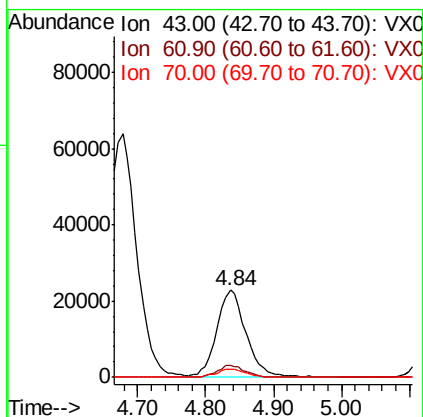
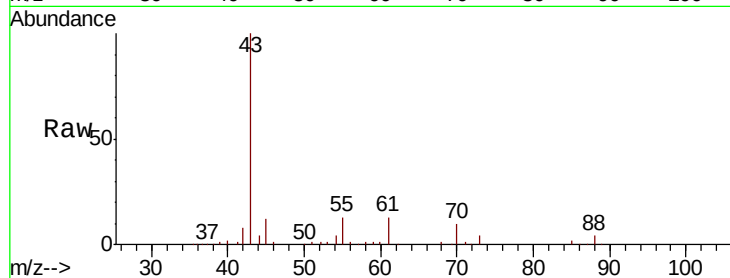




#37
Ethyl Acetate
Concen: 23.382 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

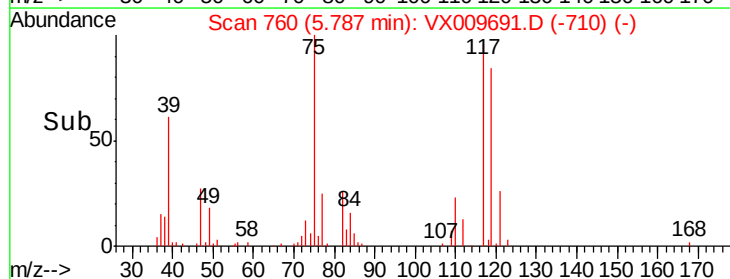
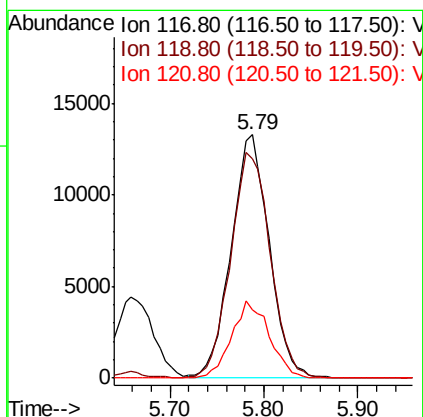
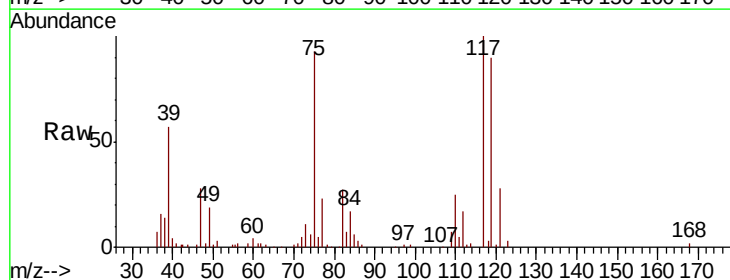
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

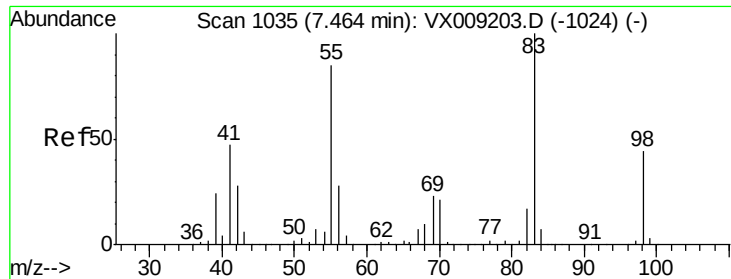
Tot Ion: 43 Resp: 66950
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.041 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 117 Resp: 37420
Ion Ratio Lower Upper
117 100
119 90.0 77.5 116.3
121 28.1 24.7 37.1

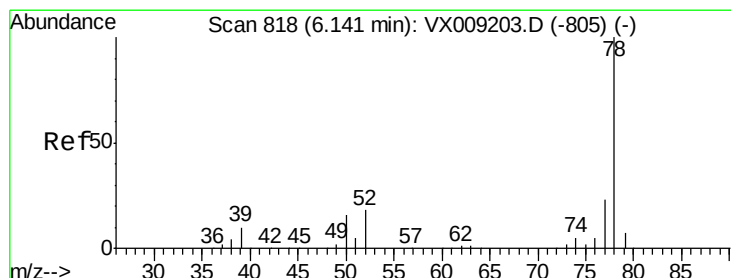
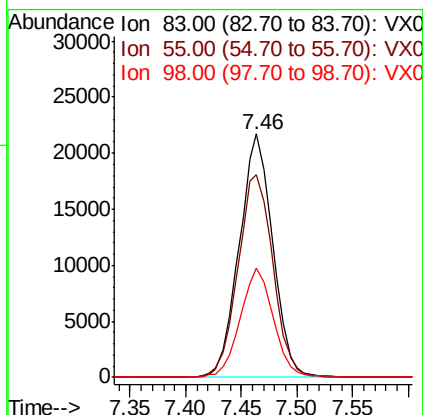
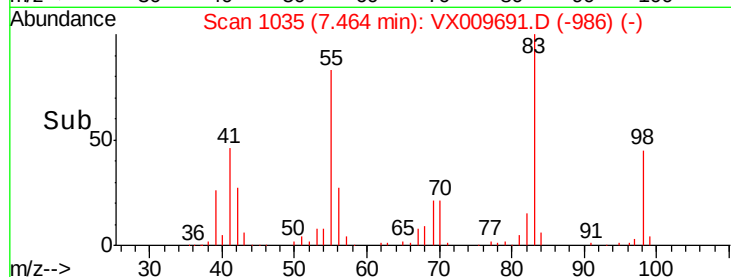
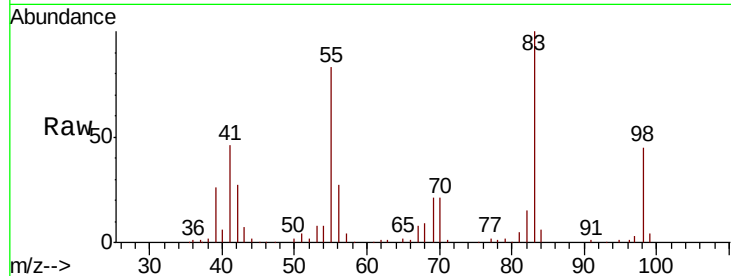




#39
Methylvlcyclohexane
Concen: 17.984 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

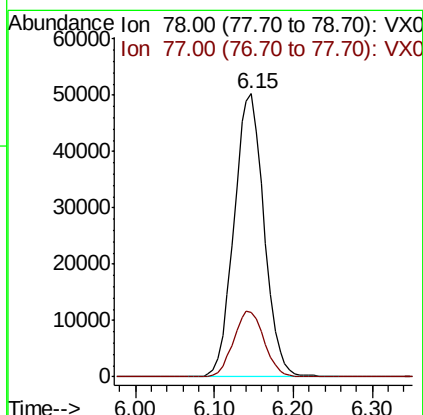
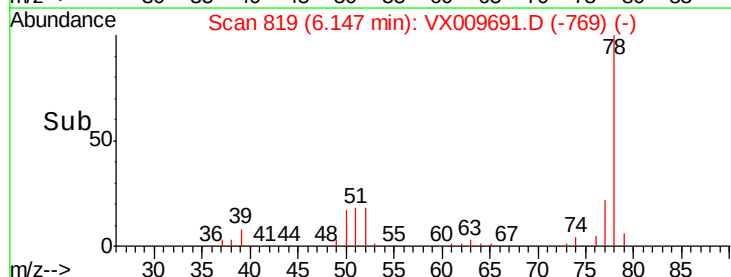
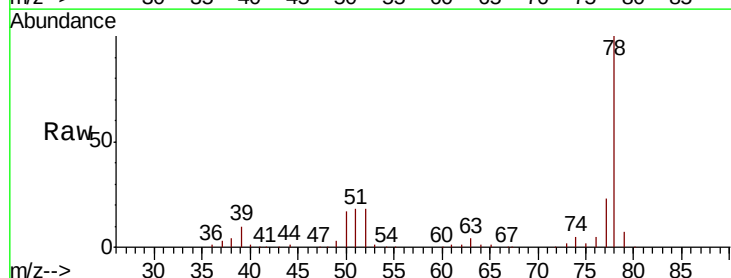
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

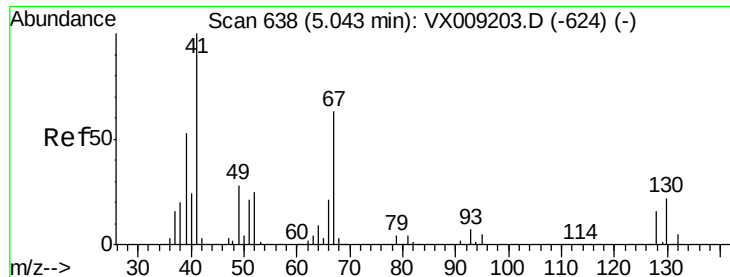
Tot Ion: 83 Resp: 45390
Ion Ratio Lower Upper
83 100
55 83.1 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 20.899 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 78 Resp: 132923
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2

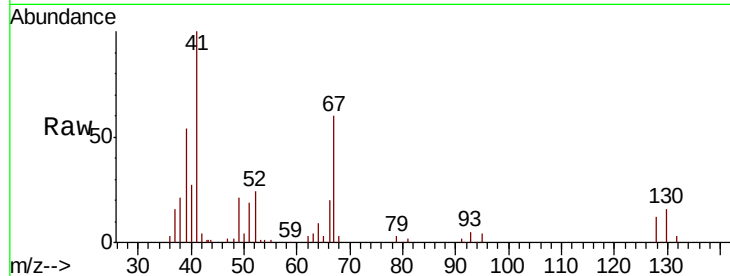




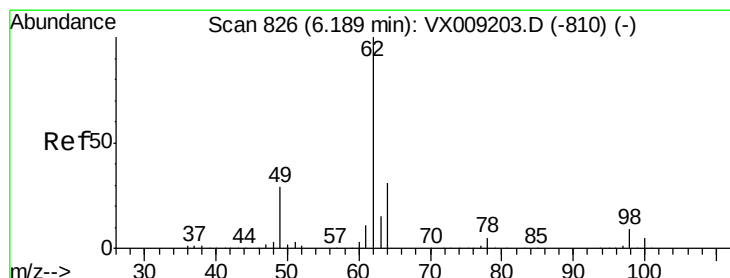
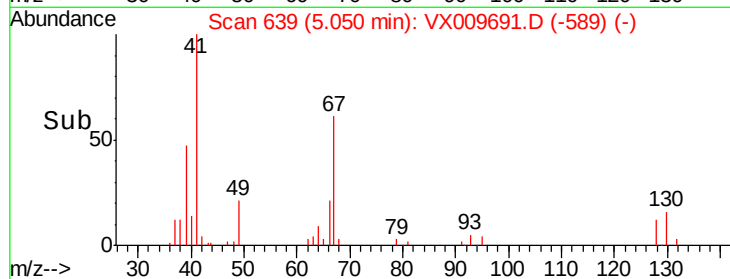
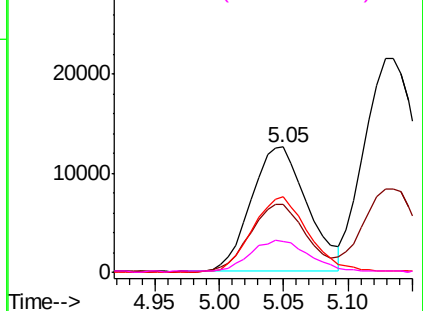
#41
Methacrylonitrile
Concen: 22.424 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

Tot Ion:	41	Resp:	38221
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.0	63.0
67	60.5	49.8	74.8
52	25.6	20.3	30.5

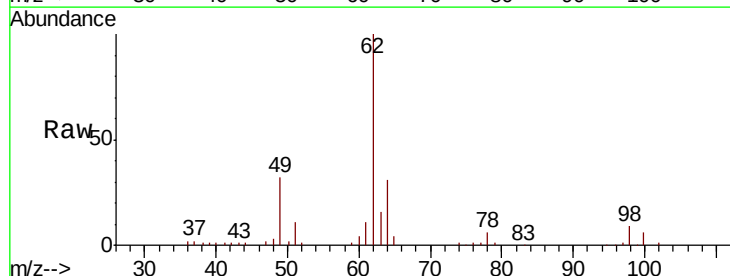


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

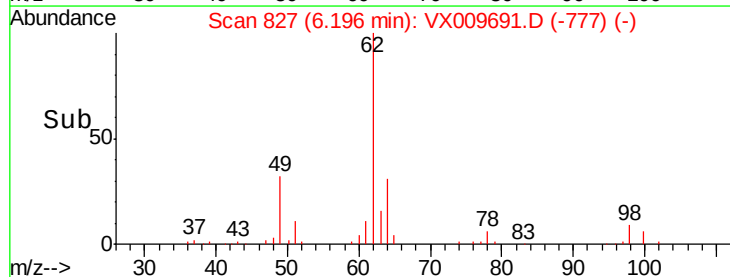
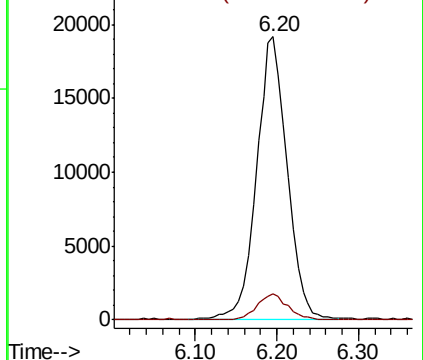


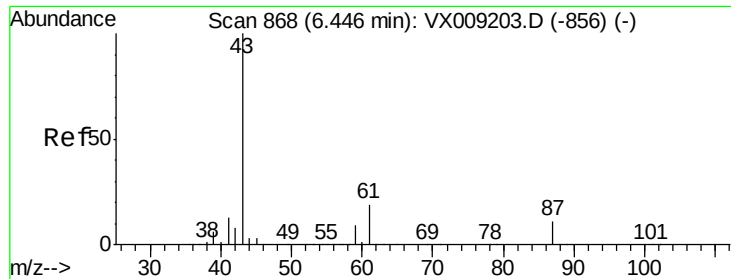
#42
1,2-Dichloroethane
Concen: 21.947 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion:	62	Resp:	50072
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 22.204 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

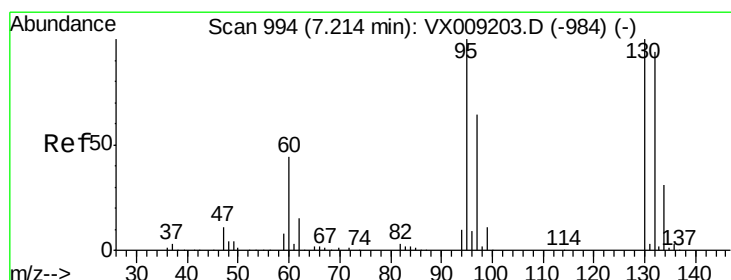
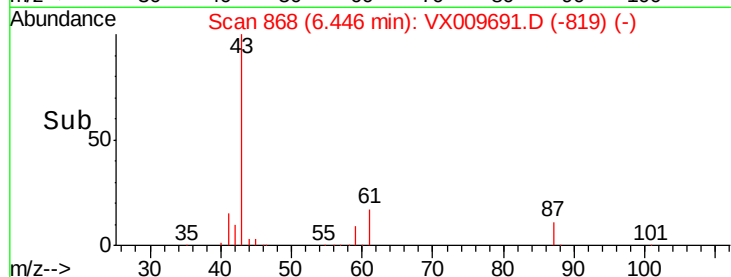
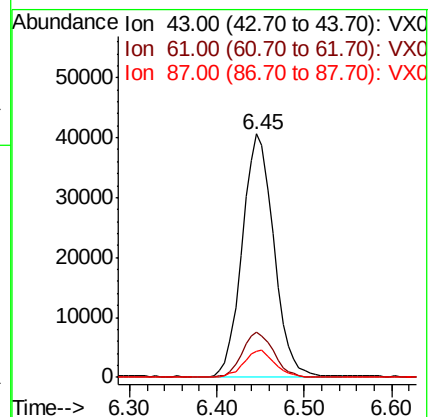
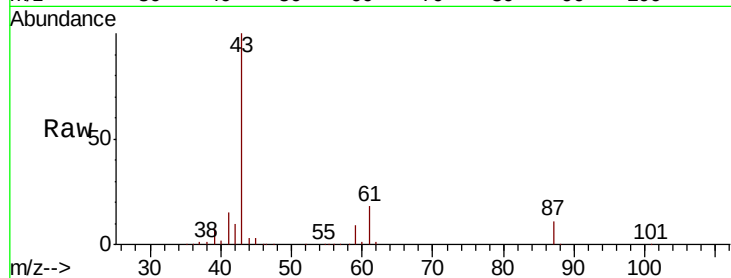
Tot Ion: 43 Resp: 101697

Ion Ratio Lower Upper

43 100

61 18.8 15.1 22.7

87 10.8 9.0 13.6



#44

Trichloroethene

Concen: 20.213 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009691.D

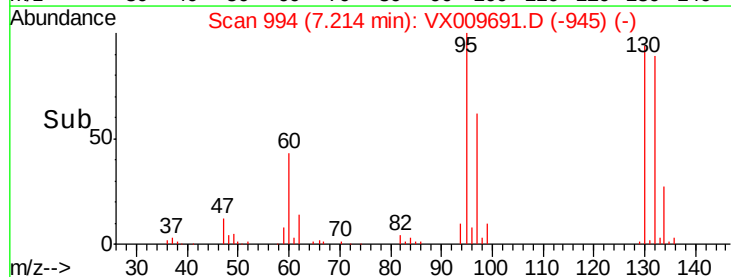
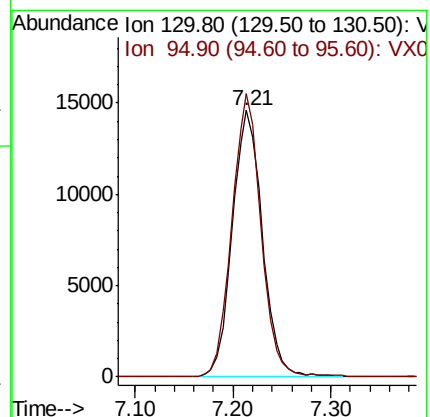
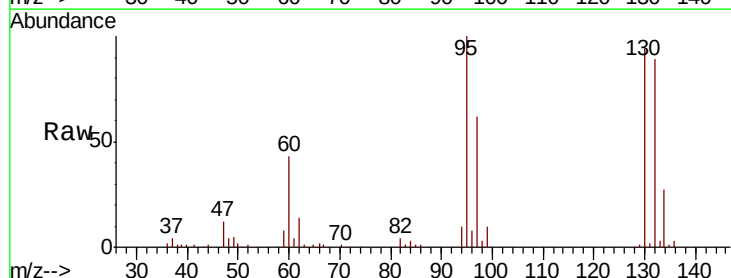
Acq: 18 May 2019 03:55

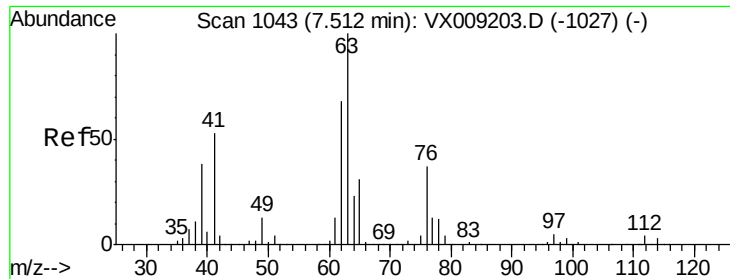
Tgt Ion:130 Resp: 31079

Ion Ratio Lower Upper

130 100

95 106.3 0.0 199.2

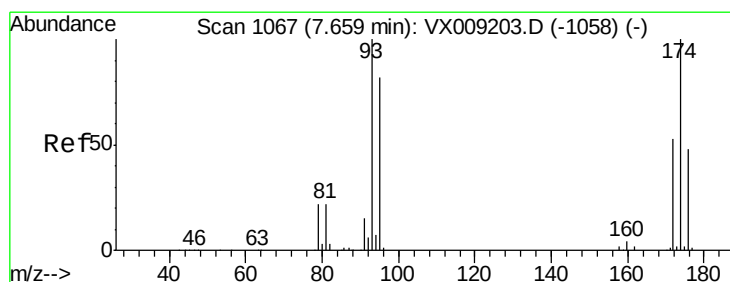
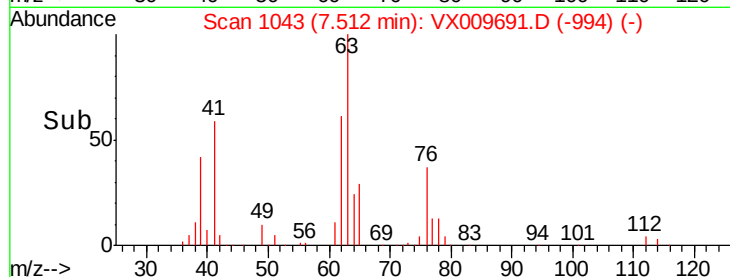
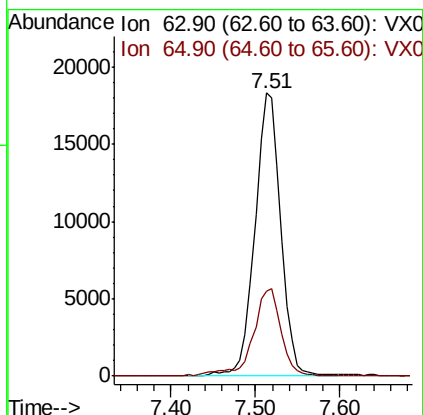
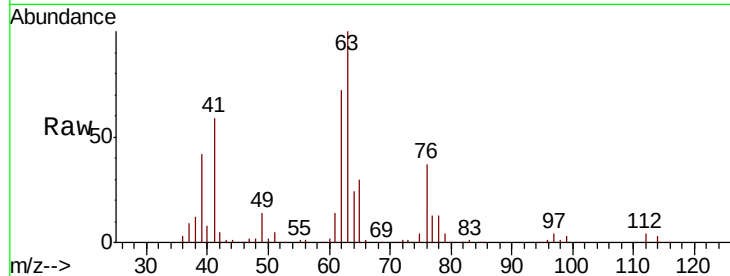




#45
 1,2-Dichloropropane
 Concen: 21.229 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

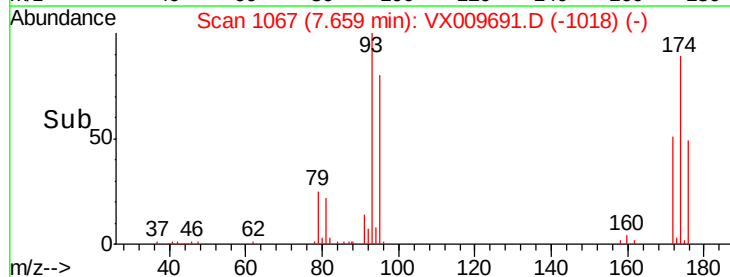
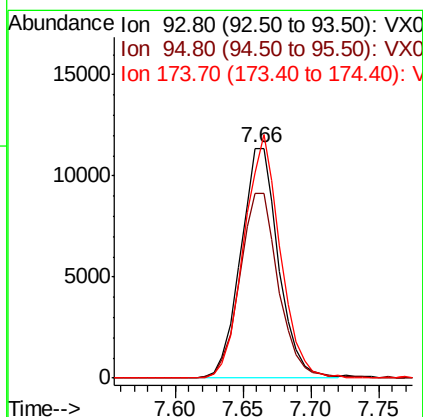
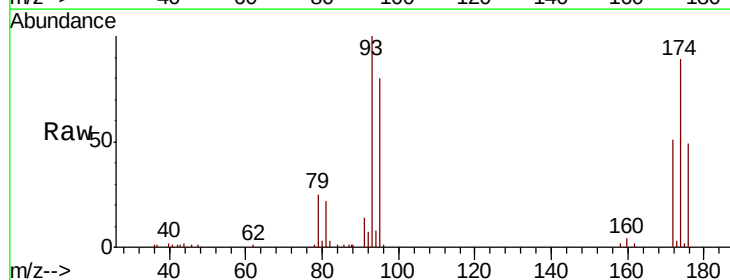
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

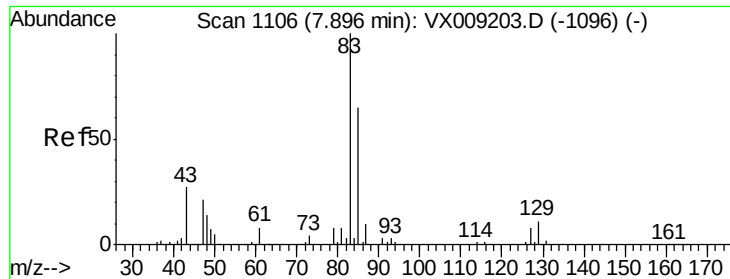
Tot Ion: 63 Resp: 38232
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.6



#46
 Dibromomethane
 Concen: 21.115 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 93 Resp: 22082
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.5 99.7
 174 101.9 82.1 123.1





#47

Bromodichloromethane

Concen: 20.854 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

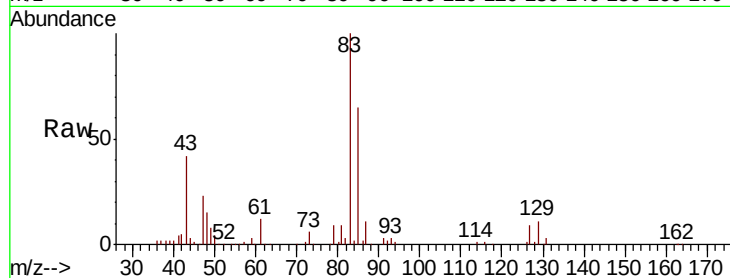
Tot Ion: 83 Resp: 43505

Ion Ratio Lower Upper

83 100

85 65.3 52.4 78.6

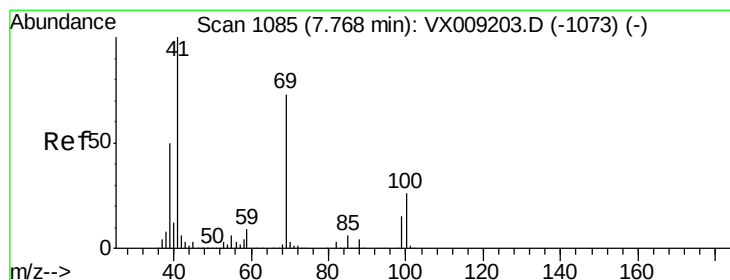
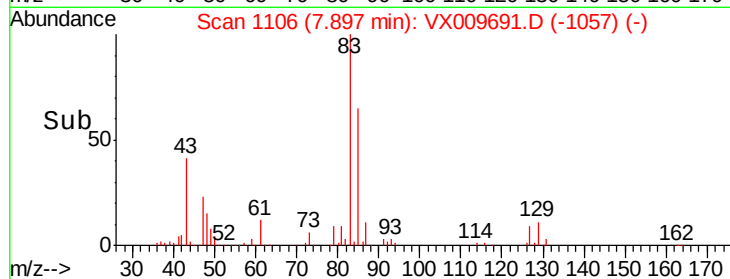
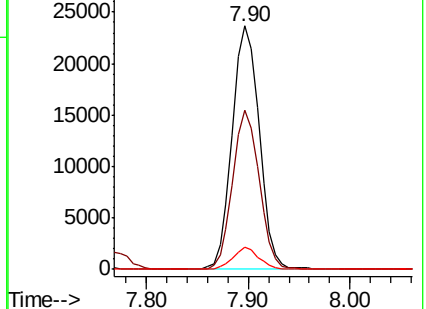
127 8.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.639 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

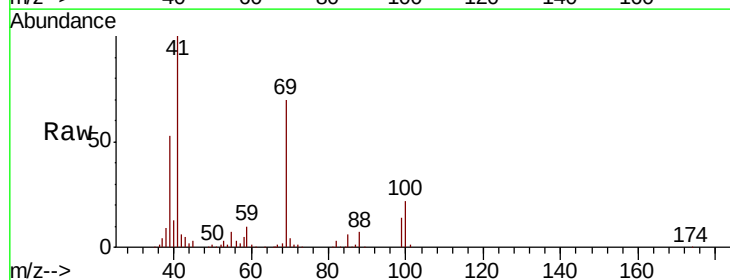
Tgt Ion: 41 Resp: 51443

Ion Ratio Lower Upper

41 100

69 71.1 59.1 88.7

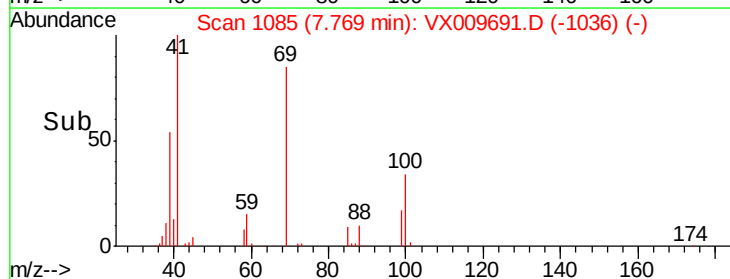
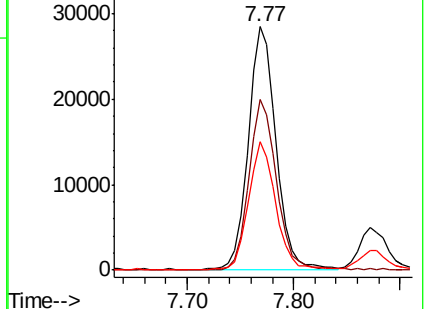
39 53.2 40.4 60.6

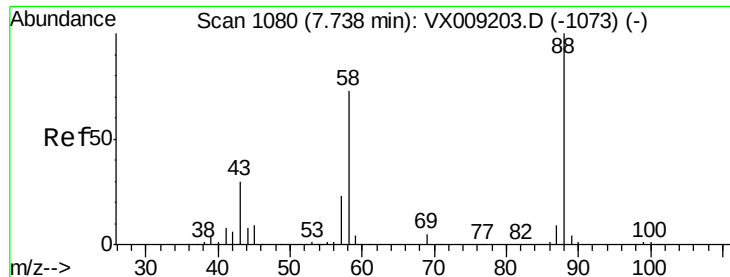


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

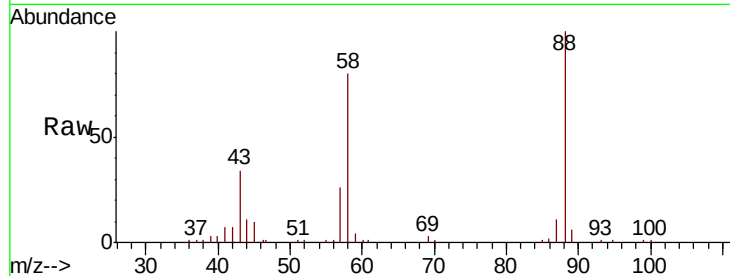




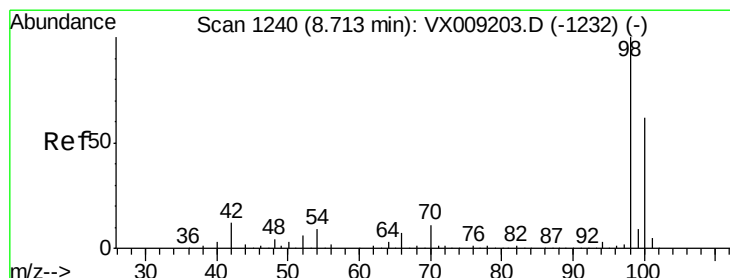
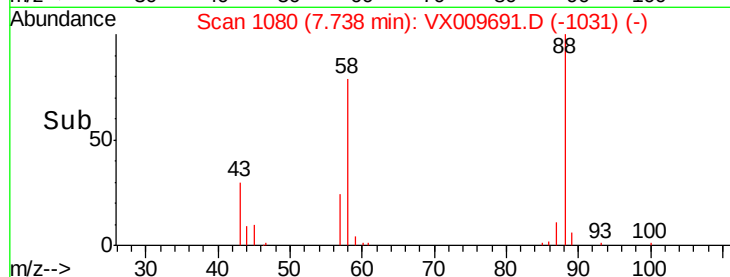
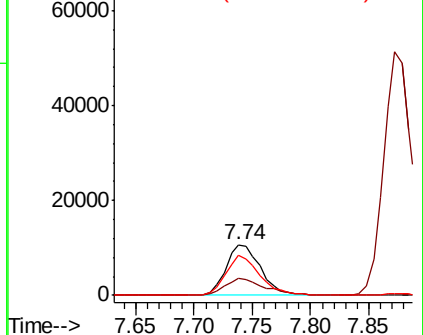
#49
 1,4-Dioxane
 Concen: 477.868 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

Tot Ion: 88 Resp: 22021
 Ion Ratio Lower Upper
 88 100
 43 37.1 28.6 42.8
 58 78.0 61.7 92.5

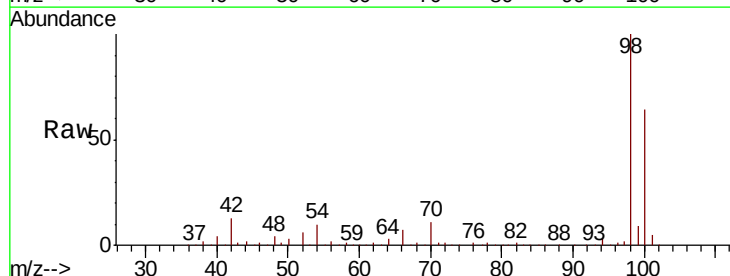


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

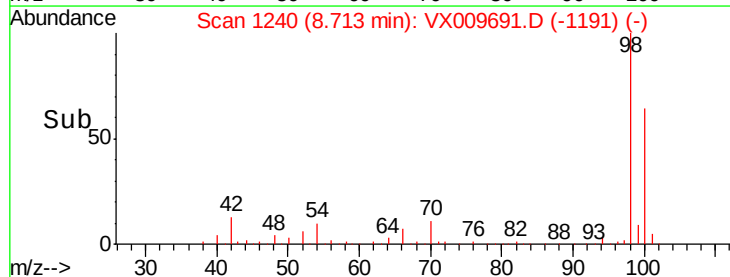
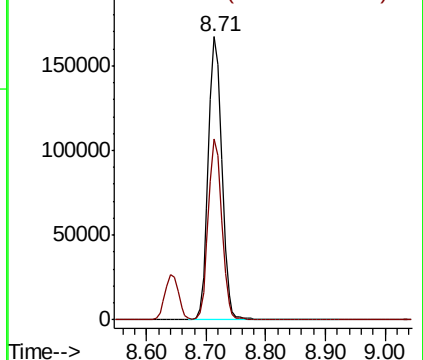


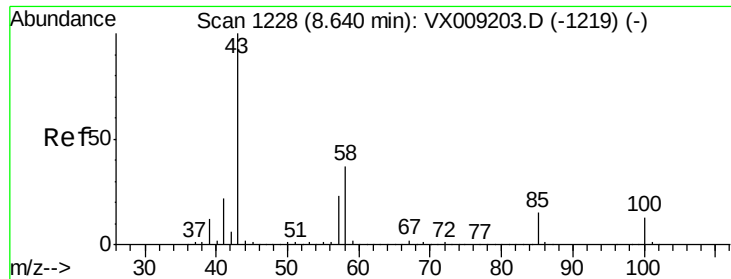
#50
 Toluene-d8
 Concen: 46.589 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 98 Resp: 261479
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 118.883 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

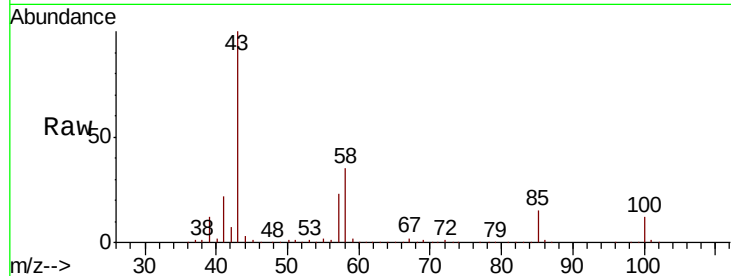
VX0517WBS04

Tot Ion: 43 Resp: 355893

Ion Ratio Lower Upper

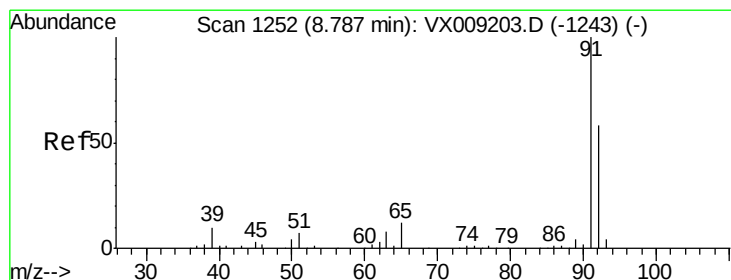
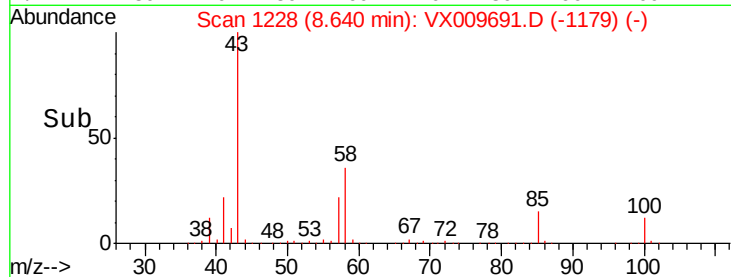
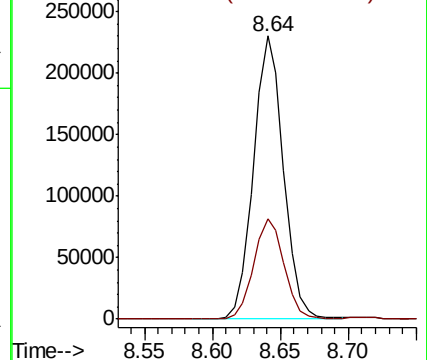
43 100

58 36.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.876 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009691.D

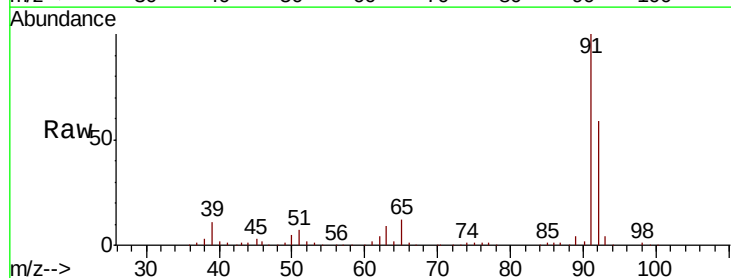
Acq: 18 May 2019 03:55

Tgt Ion: 92 Resp: 80711

Ion Ratio Lower Upper

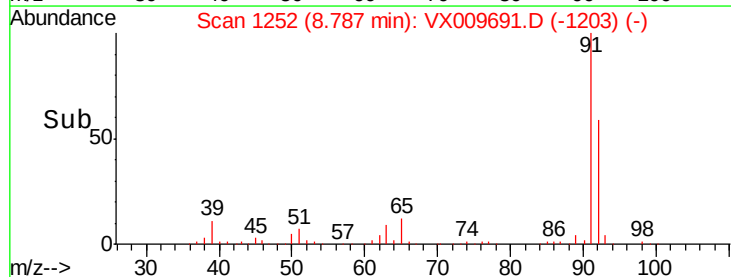
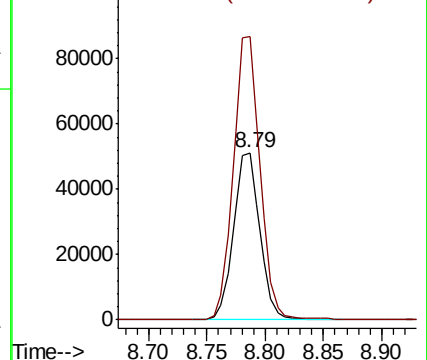
92 100

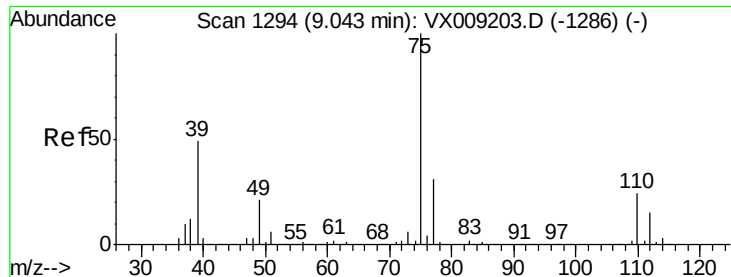
91 171.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

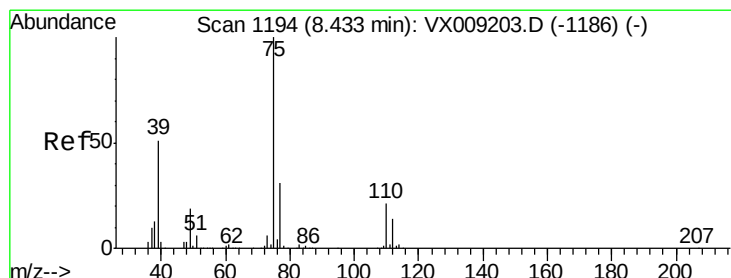
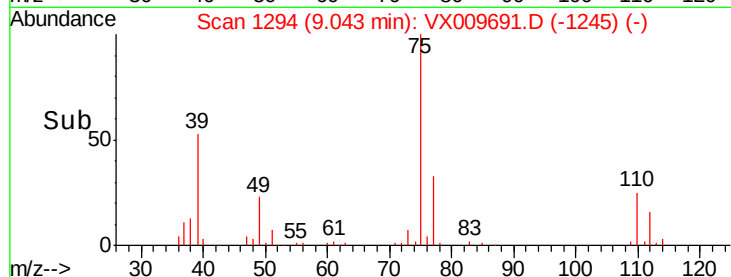
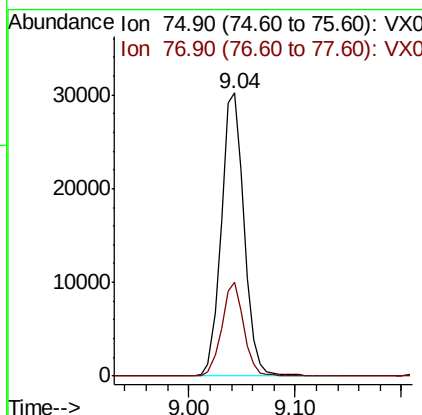
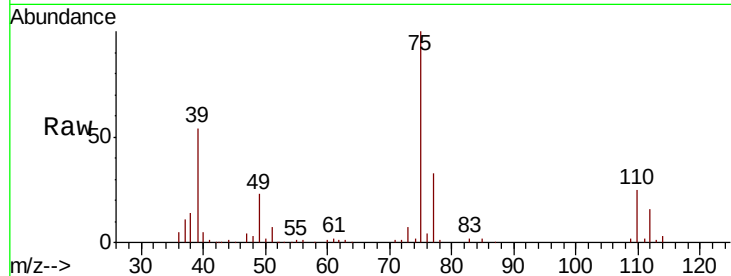




#53
 t-1,3-Dichloropropene
 Concen: 19.234 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

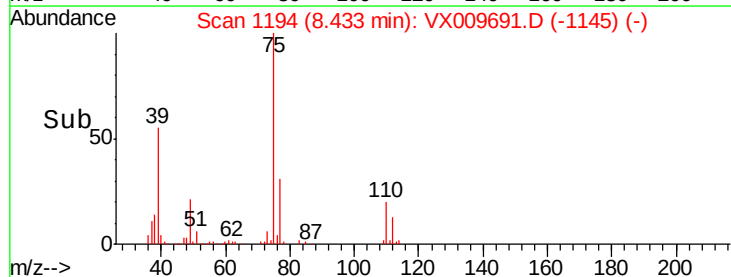
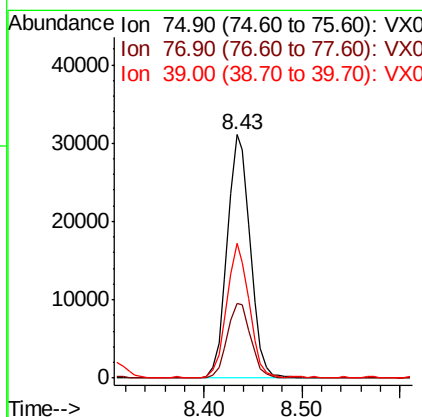
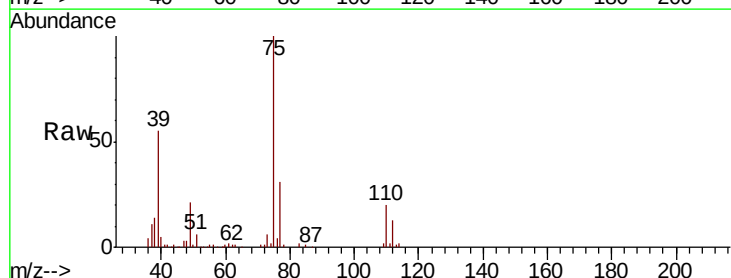
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

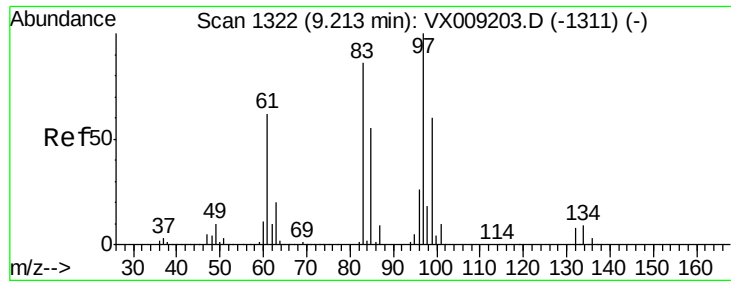
Tot Ion: 75 Resp: 45301
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.476 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 75 Resp: 50772
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 54.8 40.6 60.8

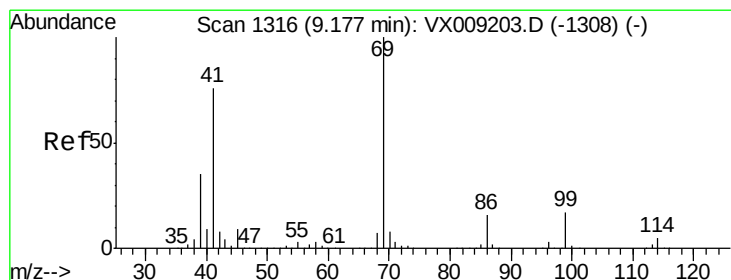
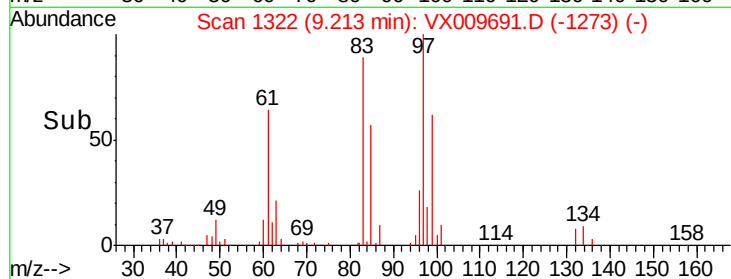
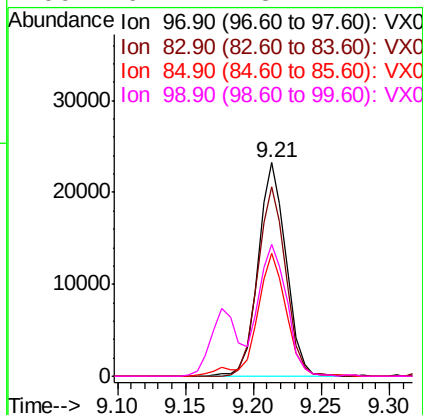
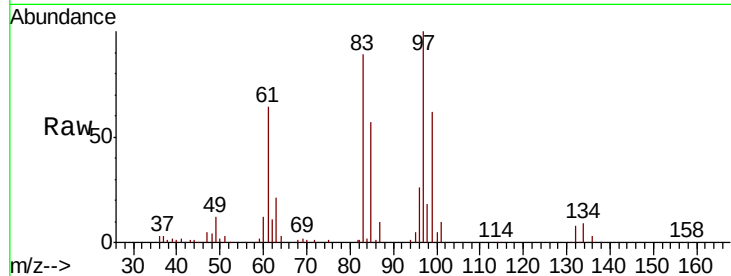




#55
 1,1,2-Trichloroethane
 Concen: 21.309 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

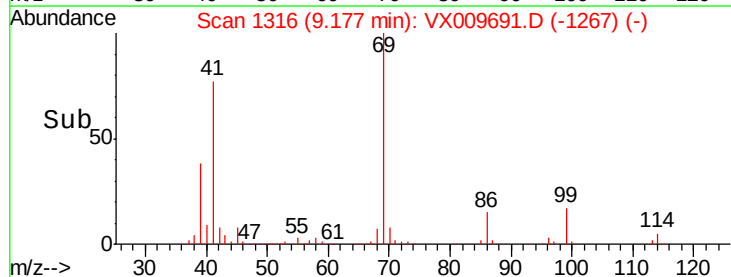
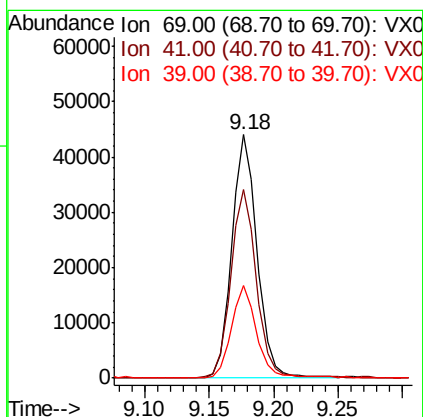
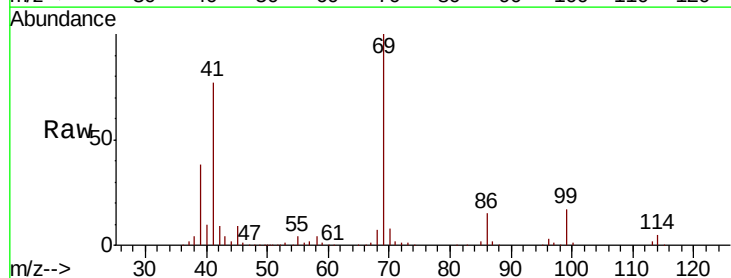
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

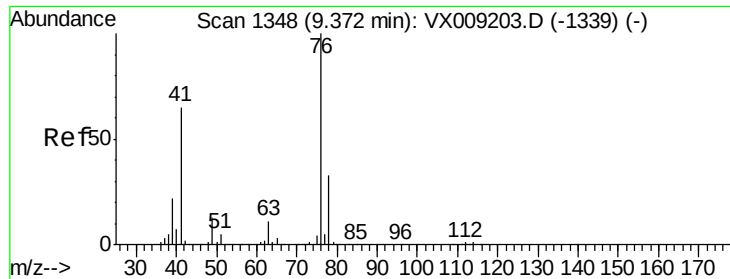
Tot Ion:	97	Resp:	33611
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.9	103.3
85	57.2	43.8	65.6
99	61.7	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 21.404 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion:	69	Resp:	60265
Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.6	90.8
39	37.4	28.2	42.4

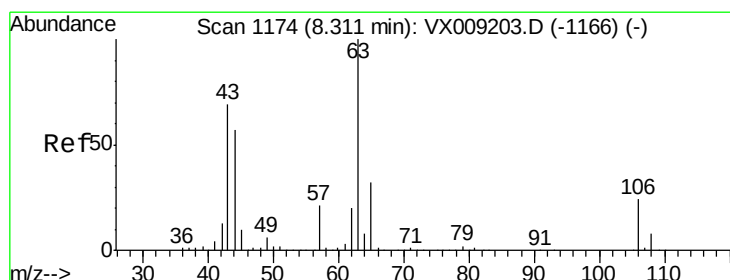
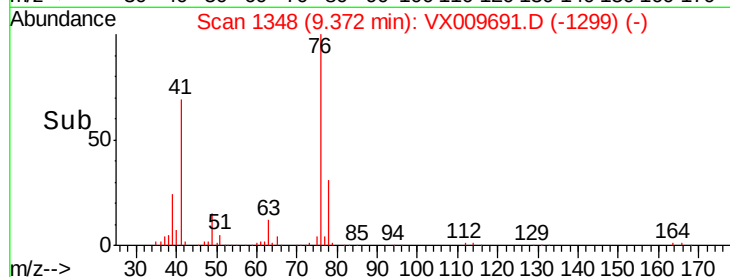
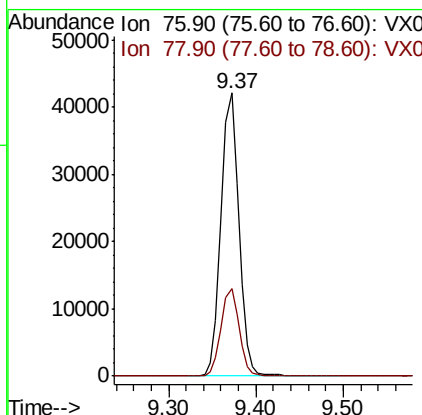
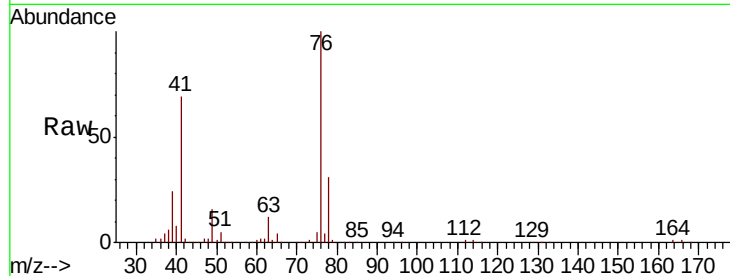




#57
 1,3-Dichloropropane
 Concen: 21.513 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

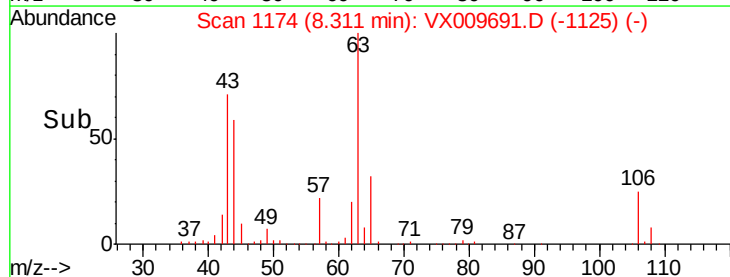
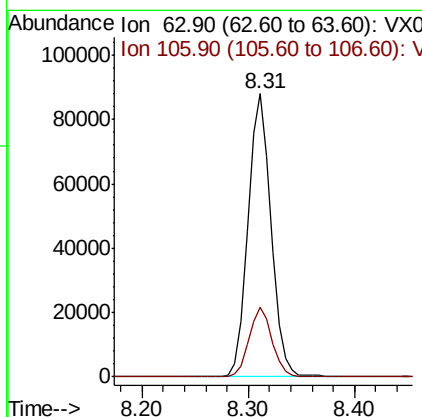
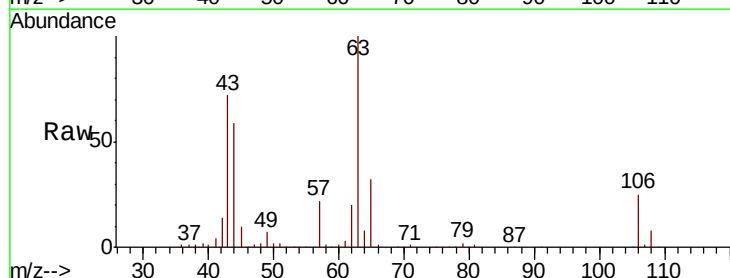
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

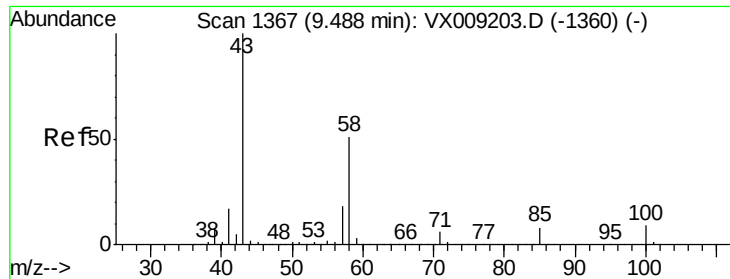
Tot Ion: 76 Resp: 59712
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.381 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 63 Resp: 133503
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.7 29.5

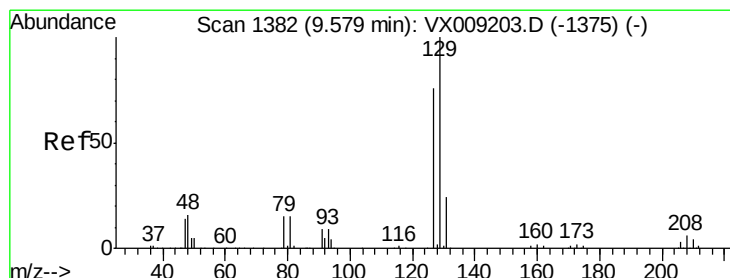
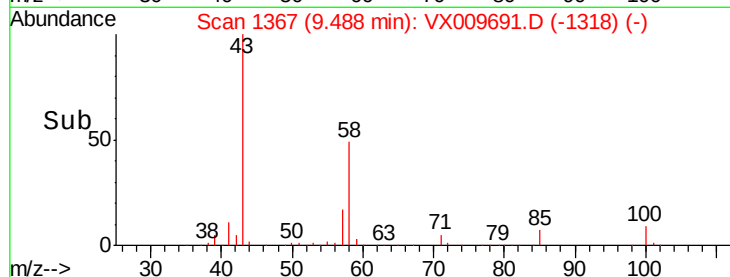
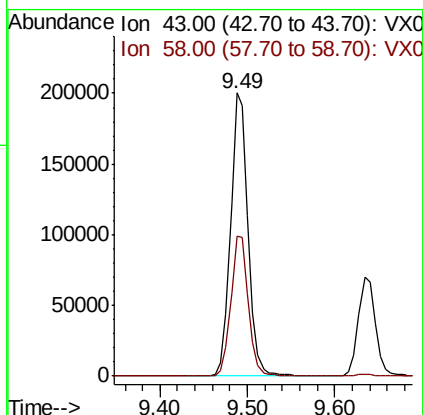
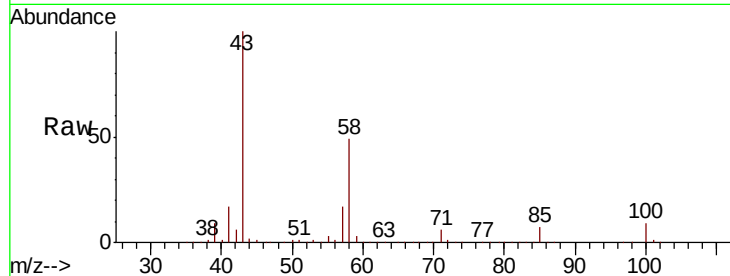




#59
2-Hexanone
Concen: 118.023 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

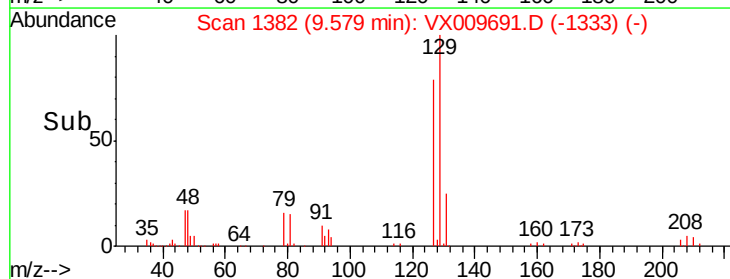
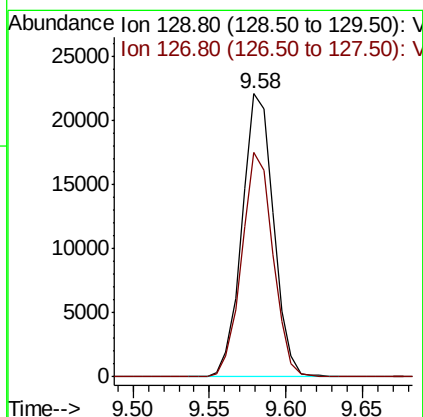
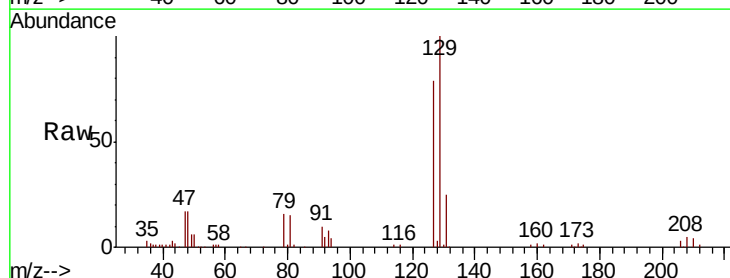
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

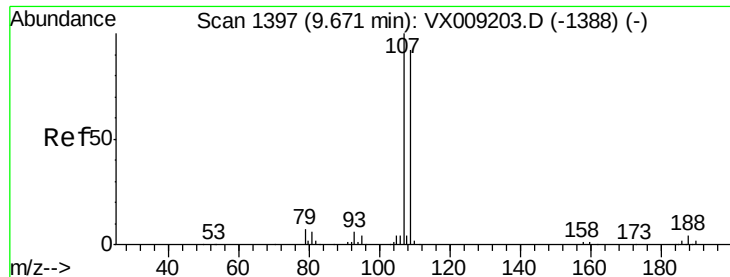
Tot Ion: 43 Resp: 277493
Ion Ratio Lower Upper
43 100
58 50.2 25.9 77.7



#60
Dibromochloromethane
Concen: 20.494 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion:129 Resp: 31571
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.696 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampled :

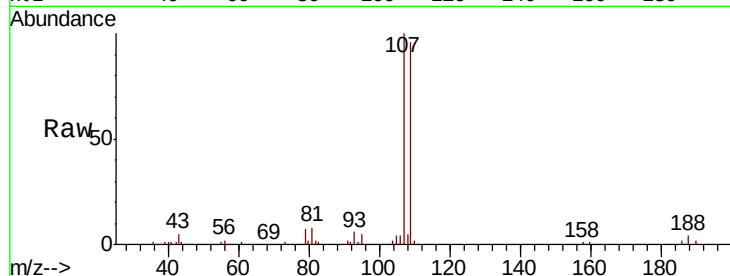
VX0517WBS04

Tot Ion:107 Resp: 34543

Ion Ratio Lower Upper

107 100

109 92.8 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

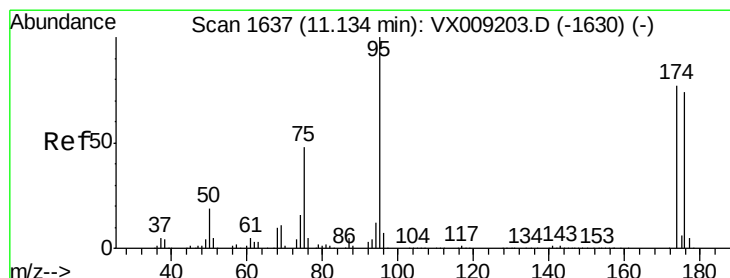
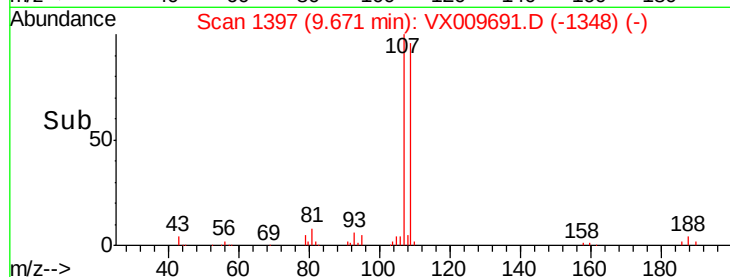
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.992 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

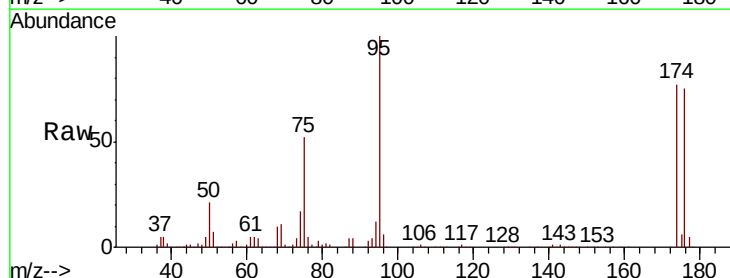
Tgt Ion: 95 Resp: 95834

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

176 80.3 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

100000

80000

60000

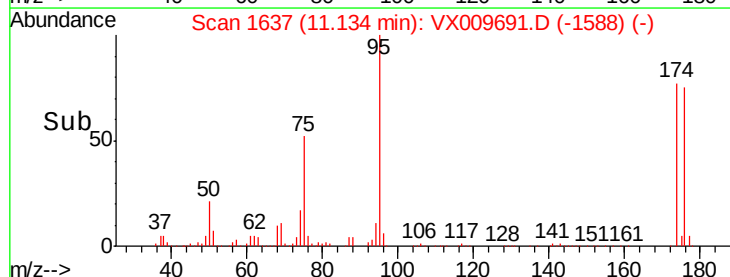
40000

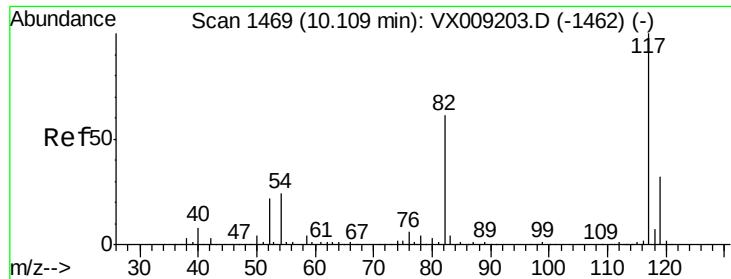
20000

0

11.10 11.20

Time-->

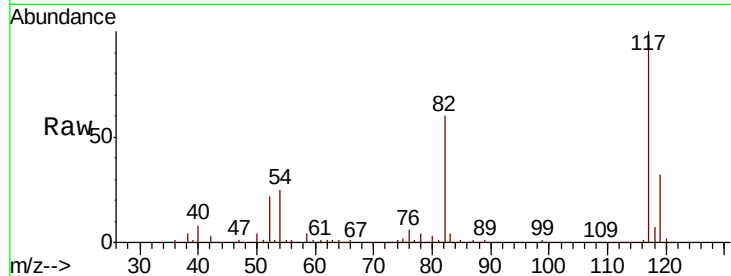




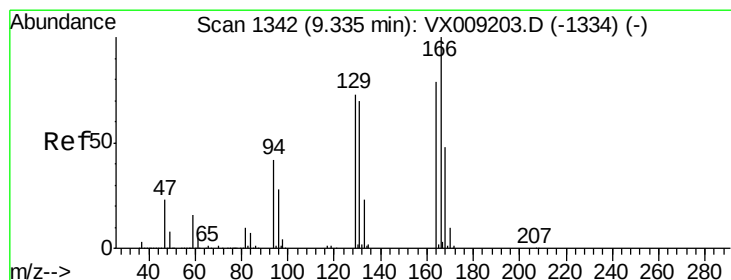
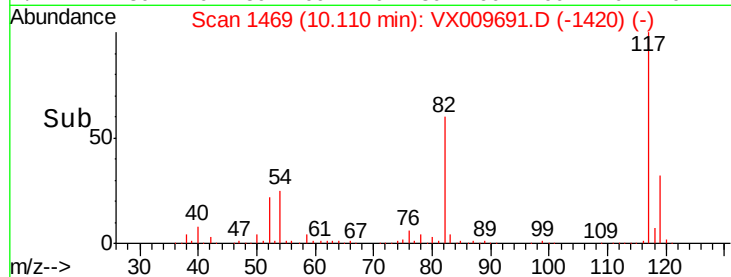
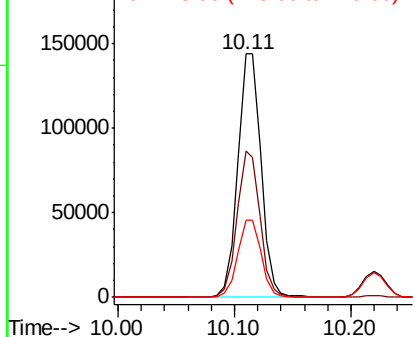
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

Tot Ion:117 Resp: 200927
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 31.8 25.8 38.6



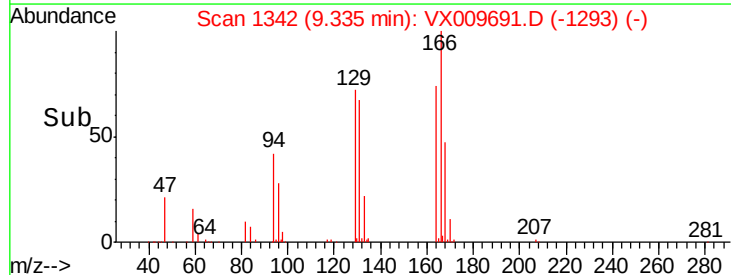
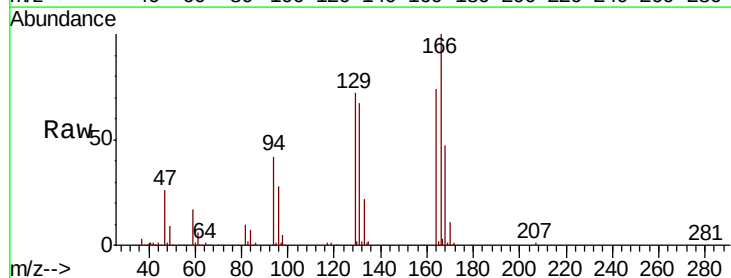
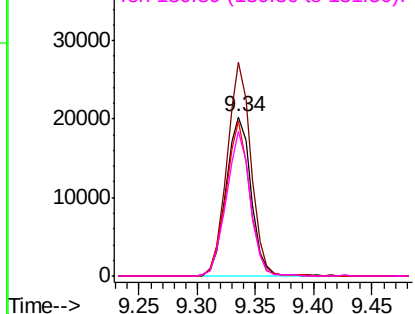
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

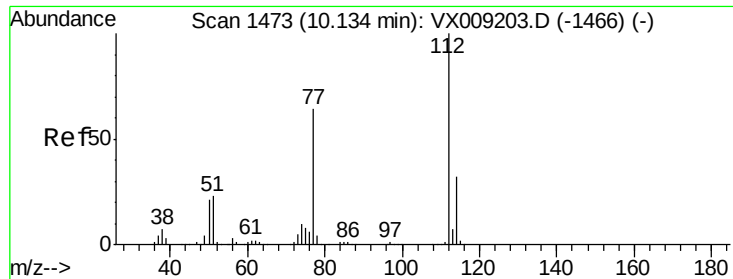


#64
Tetrachloroethene
Concen: 21.906 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion:164 Resp: 30192
Ion Ratio Lower Upper
164 100
166 134.3 101.2 151.8
129 97.2 74.3 111.5
131 90.6 71.0 106.6

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

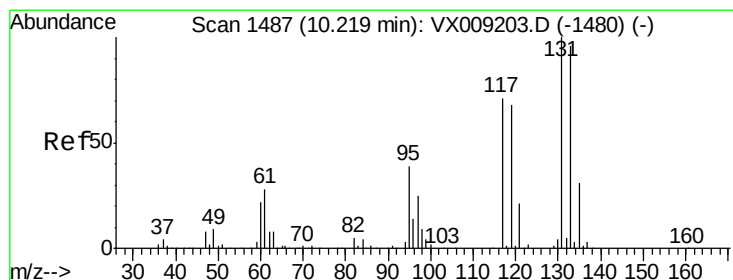
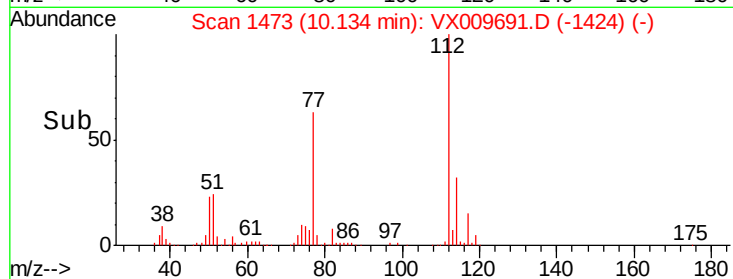
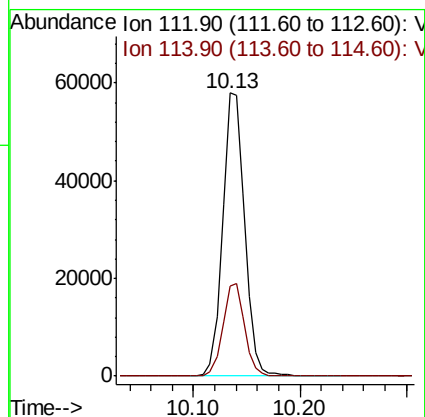
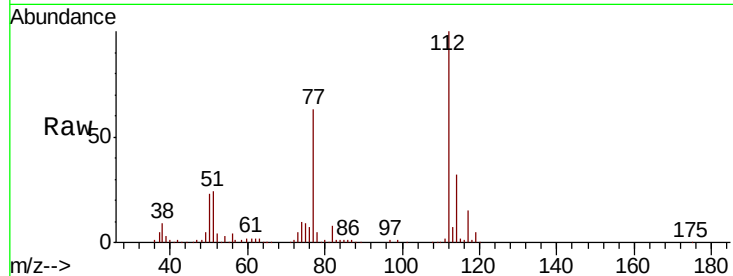




#65
Chlorobenzene
Concen: 20.762 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

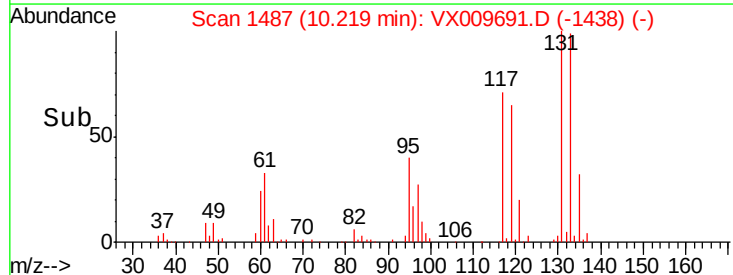
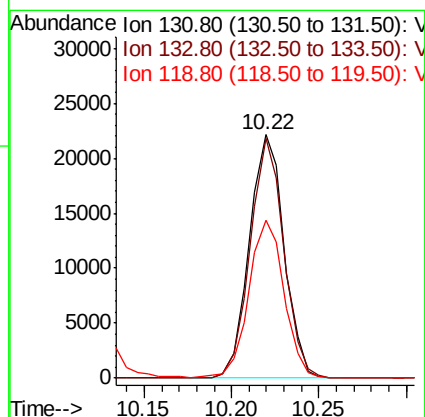
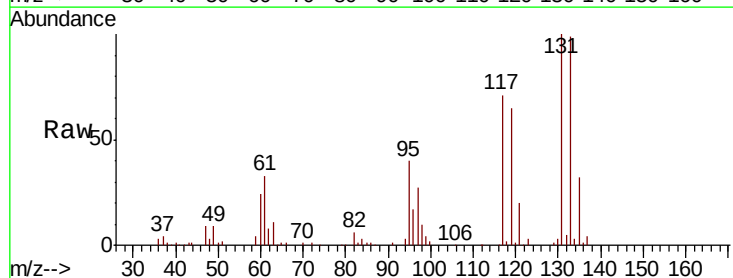
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

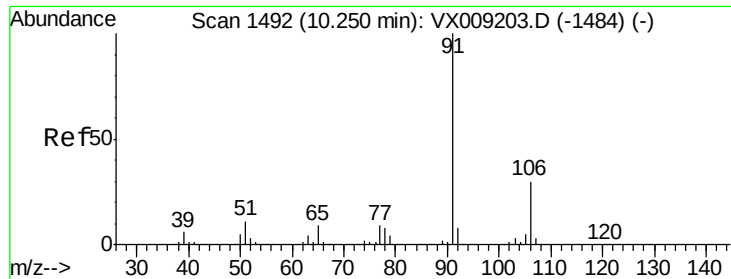
Tot Ion:112 Resp: 83450
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion:131 Resp: 30562
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.9 33.5 100.4

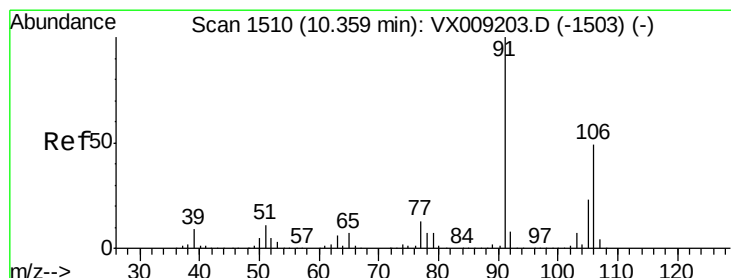
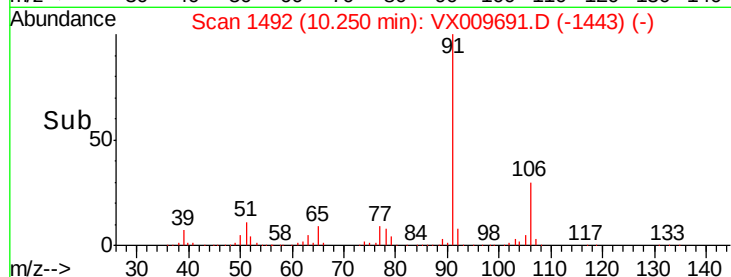
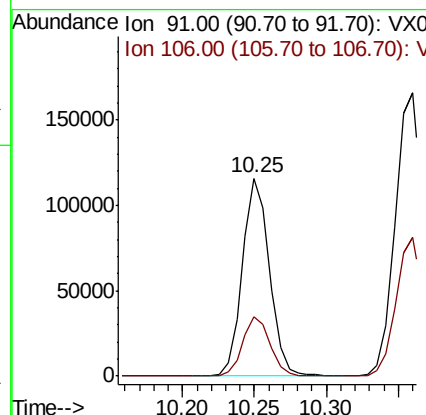
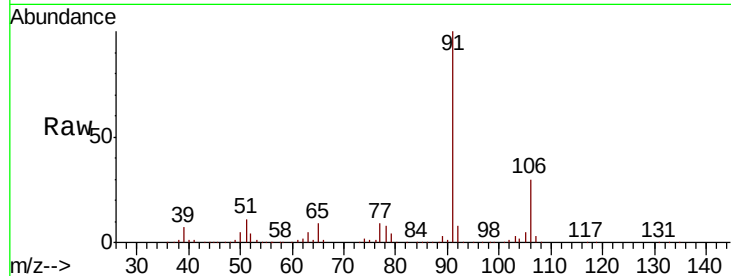




#67
Ethyl Benzene
Concen: 20.506 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

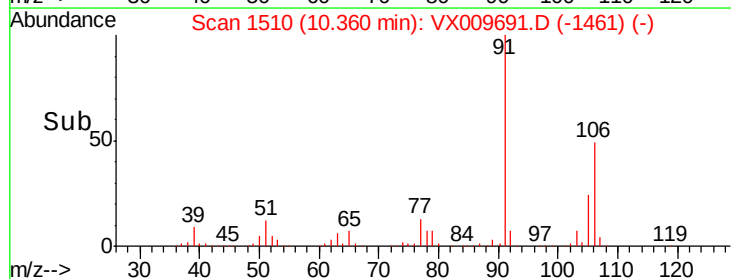
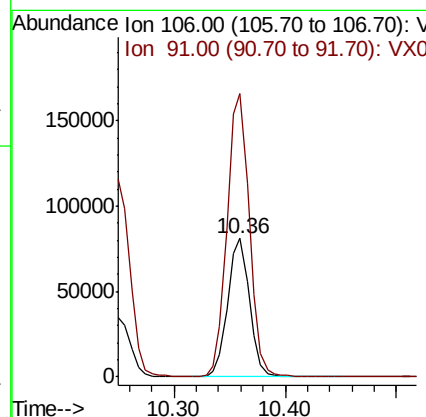
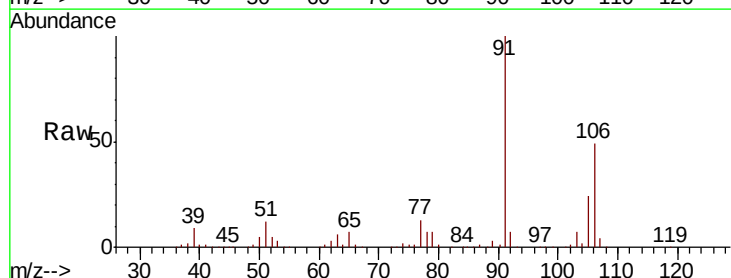
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

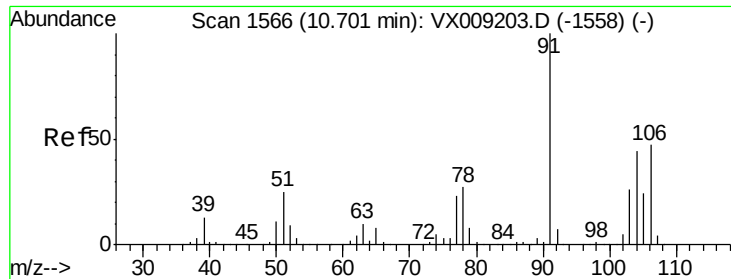
Tot Ion: 91 Resp: 151688
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 40.819 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 106 Resp: 110342
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0

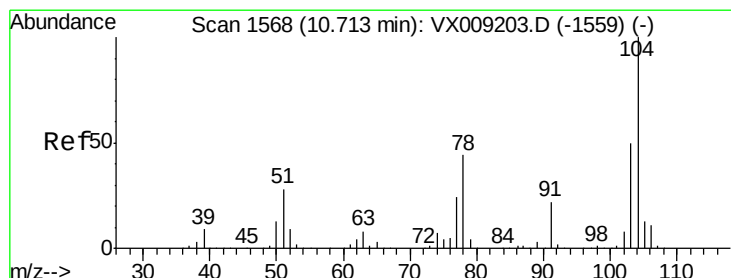
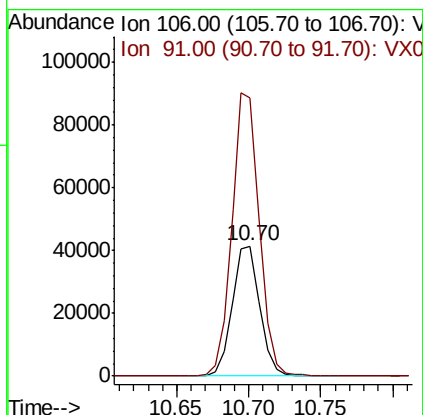
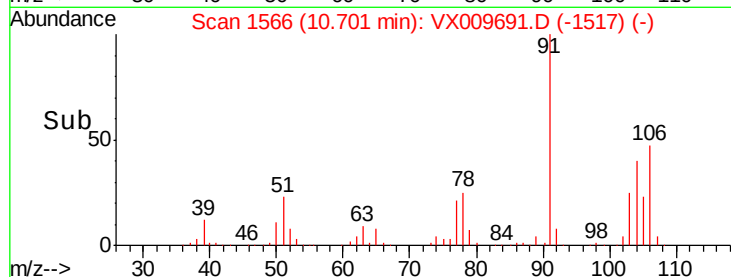
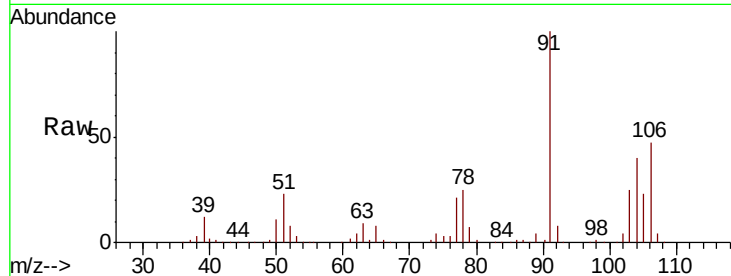




#69
o-Xylene
Concen: 20.857 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

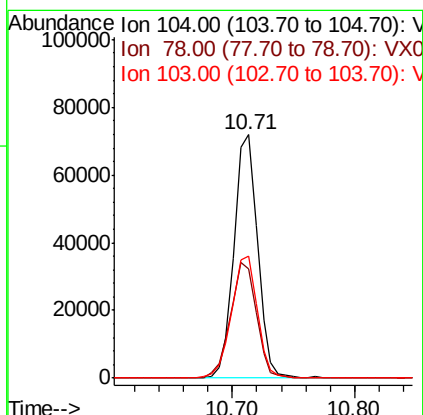
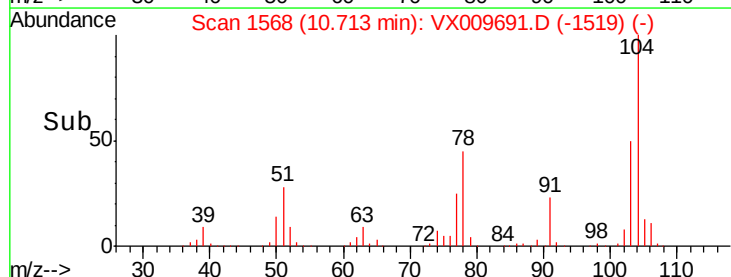
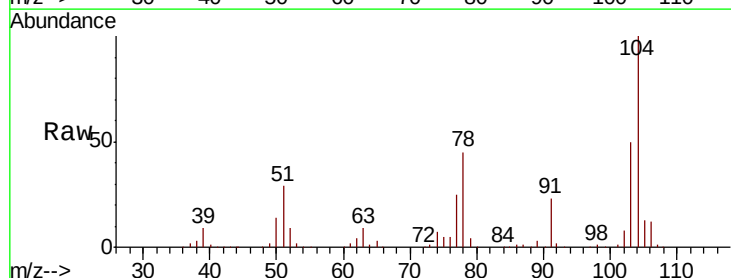
Instrument :
MSVOA_X
ClientSampled :
VX0517WBS04

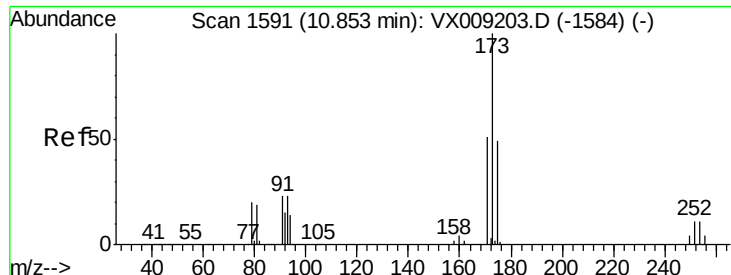
Tot Ion:106 Resp: 55628
Ion Ratio Lower Upper
106 100
91 215.6 109.5 328.4



#70
Styrene
Concen: 20.650 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion:104 Resp: 95724
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 54.8 43.8 65.6





#71

Bromoform

Concen: 20.190 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

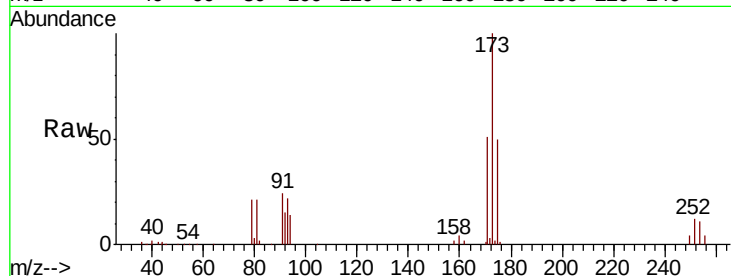
Tot Ion:173 Resp: 23909

Ion Ratio Lower Upper

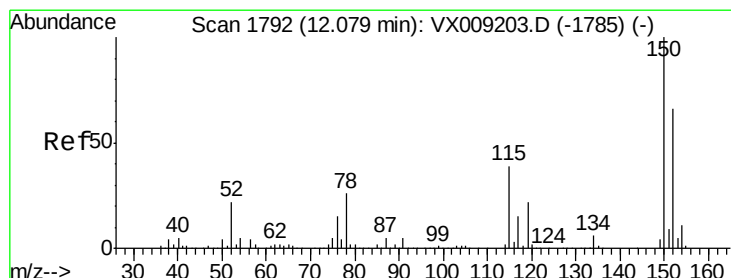
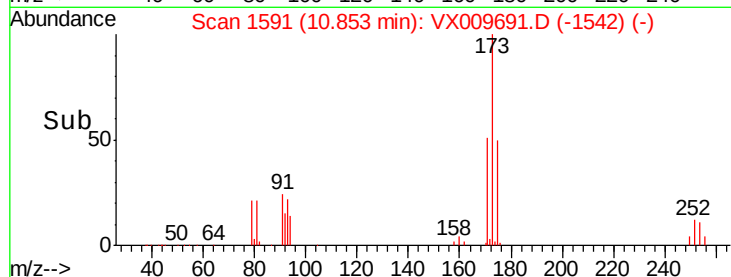
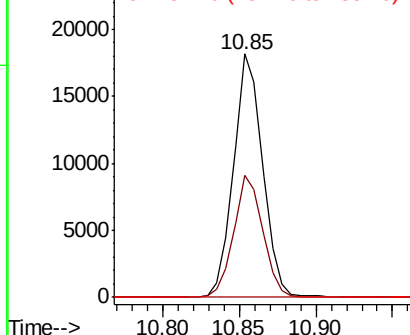
173 100

175 50.0 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

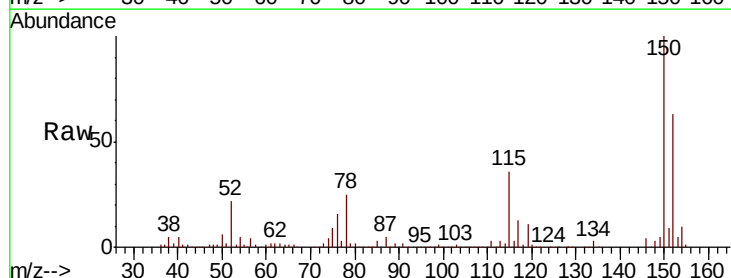
Tgt Ion:152 Resp: 97906

Ion Ratio Lower Upper

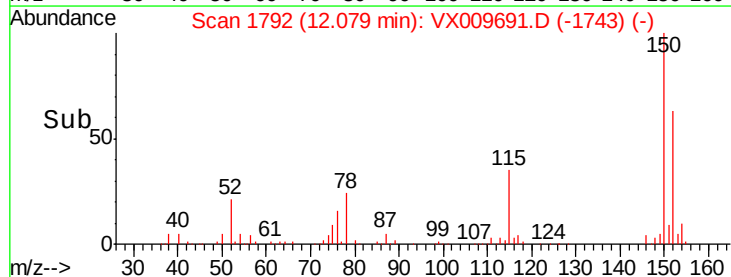
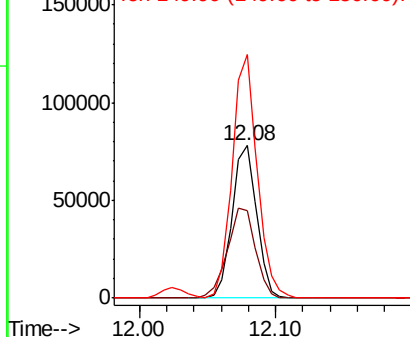
152 100

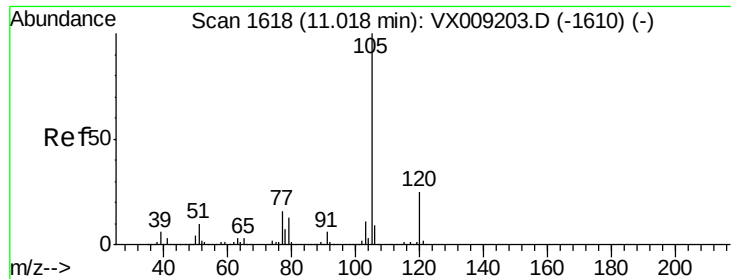
115 67.6 41.2 123.6

150 162.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.641 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

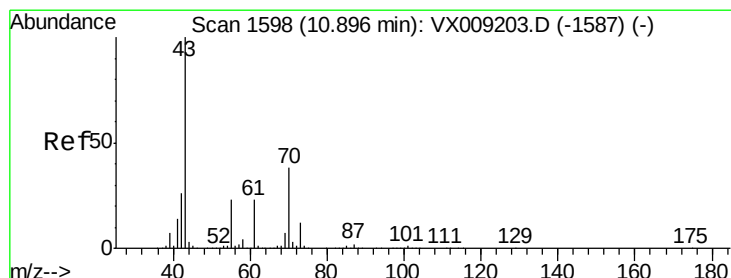
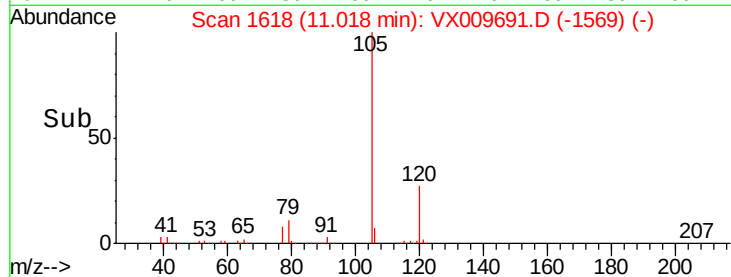
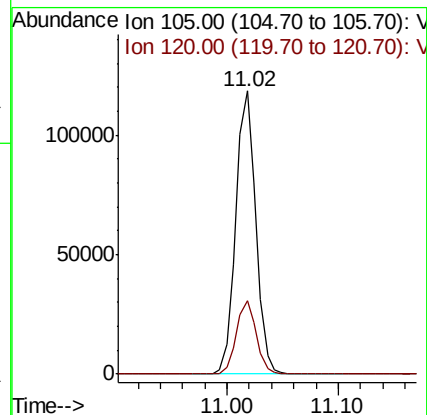
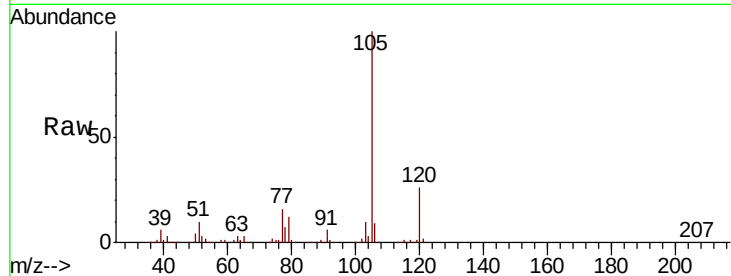
VX0517WBS04

Tot Ion:105 Resp: 146954

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 21.871 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Tgt Ion: 43 Resp: 90783

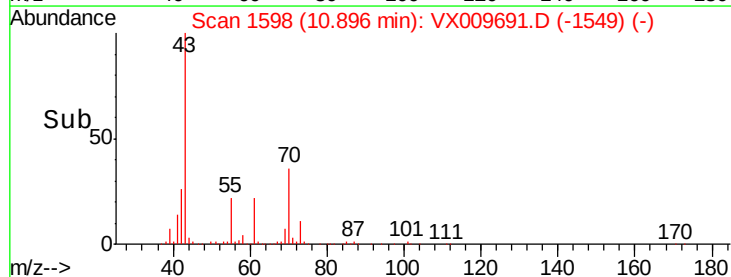
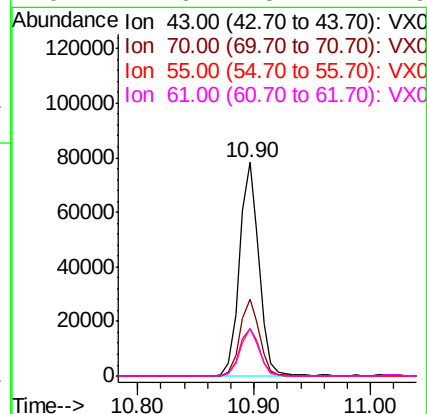
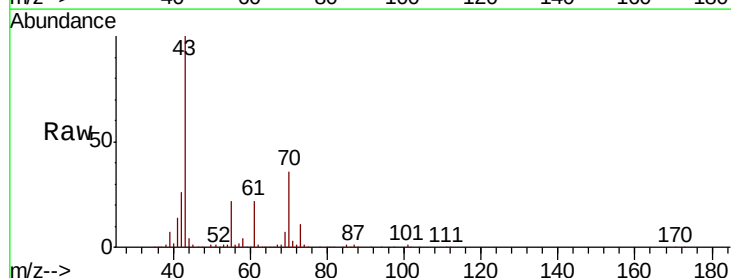
Ion Ratio Lower Upper

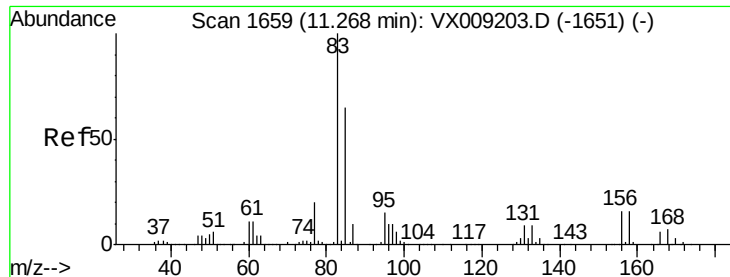
43 100

70 36.5 30.0 45.0

55 23.3 17.9 26.9

61 21.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.894 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

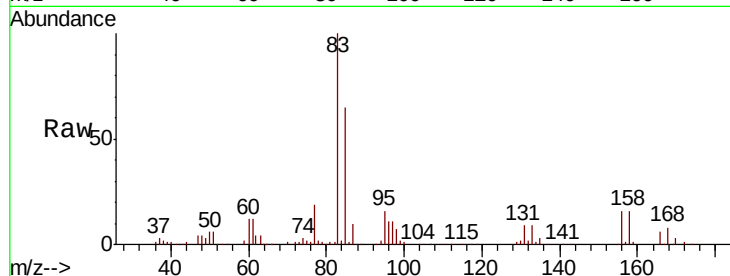
Tot Ion: 83 Resp: 58109

Ion Ratio Lower Upper

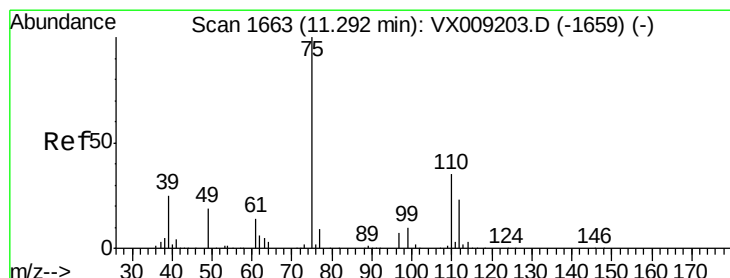
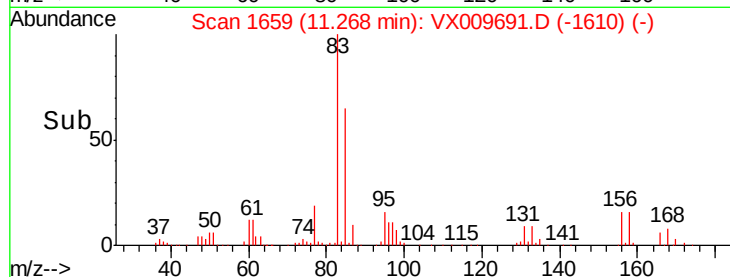
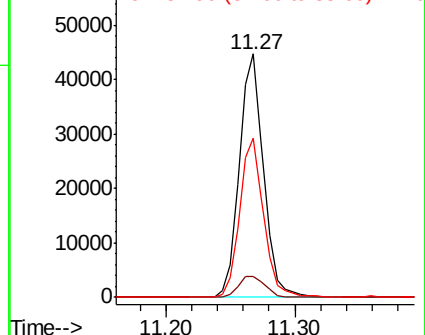
83 100

131 9.6 4.6 13.8

85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.926 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009691.D

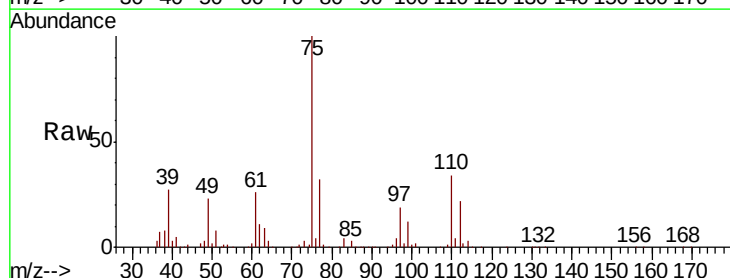
Acq: 18 May 2019 03:55

Tgt Ion: 75 Resp: 63421

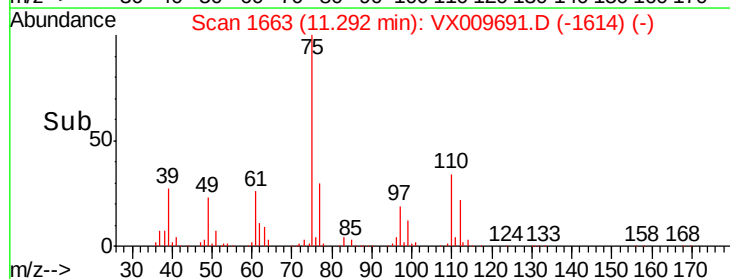
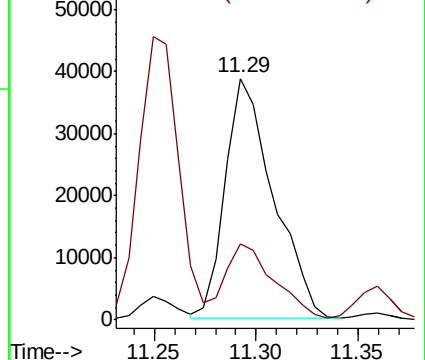
Ion Ratio Lower Upper

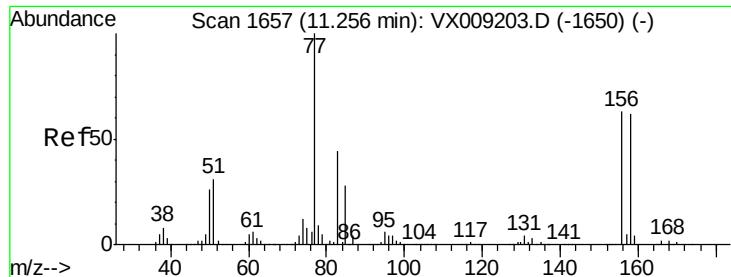
75 100

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: 20.952 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

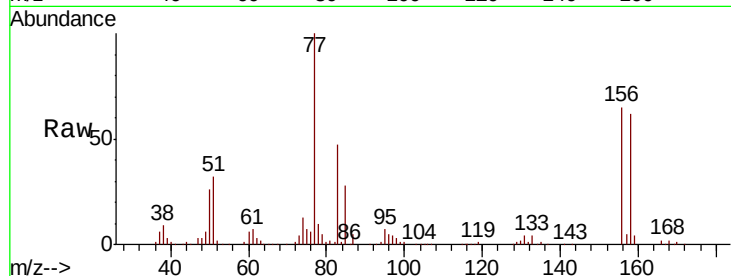
Tot Ion:156 Resp: 37024

Ion Ratio Lower Upper

156 100

77 166.2 84.8 254.3

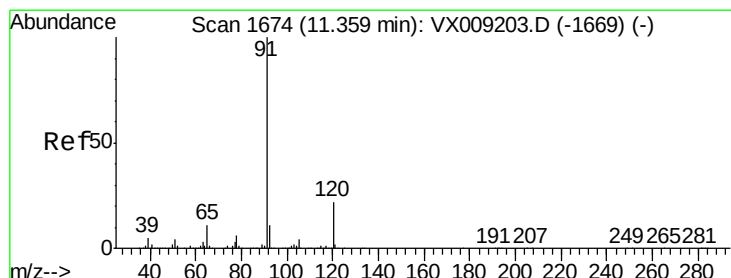
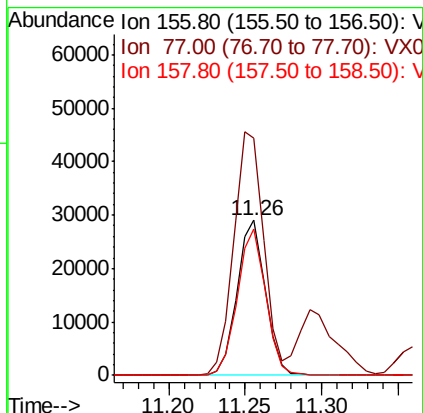
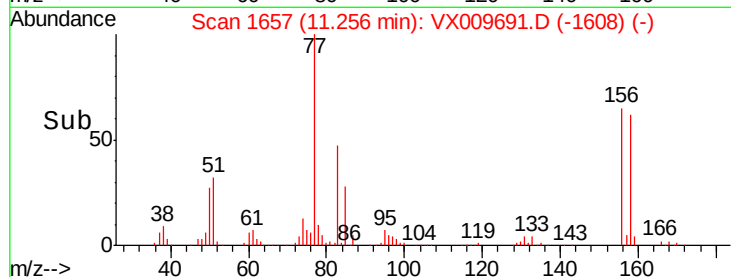
158 94.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.348 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009691.D

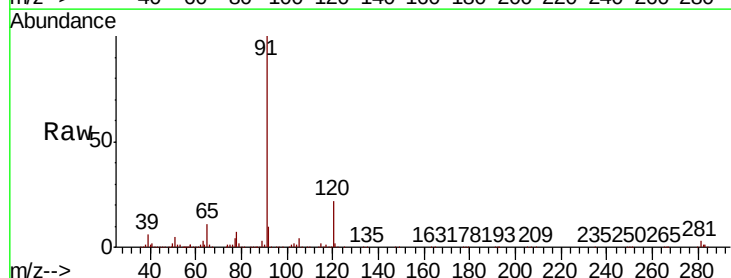
Acq: 18 May 2019 03:55

Tgt Ion: 91 Resp: 165452

Ion Ratio Lower Upper

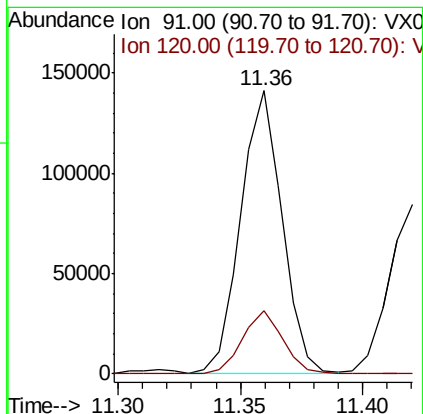
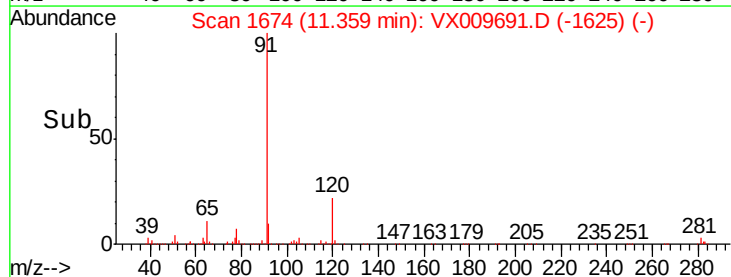
91 100

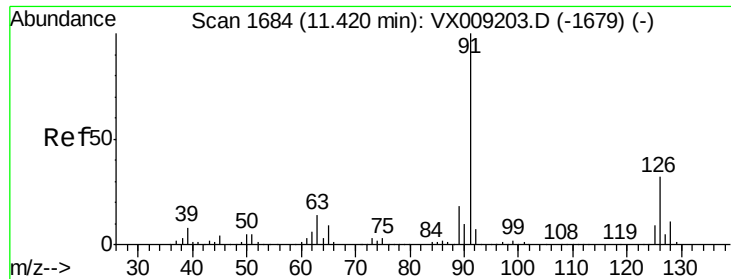
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

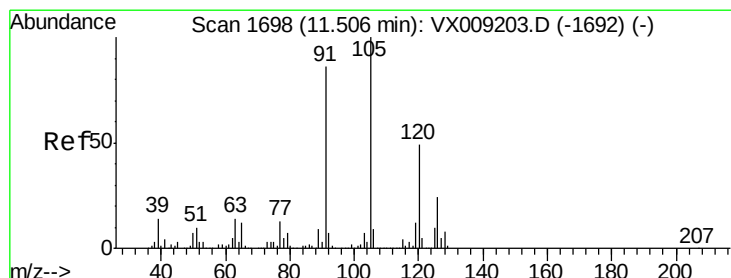
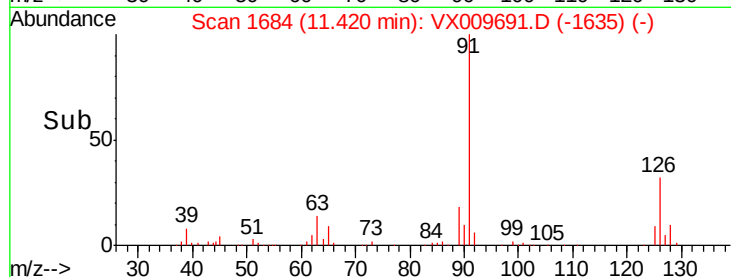
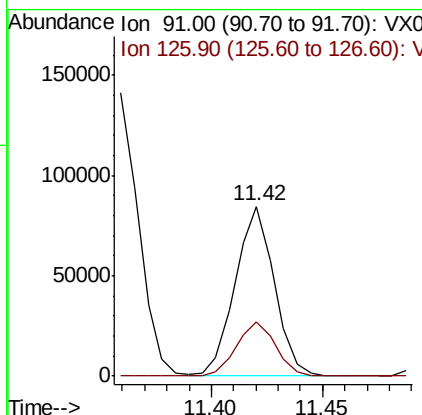
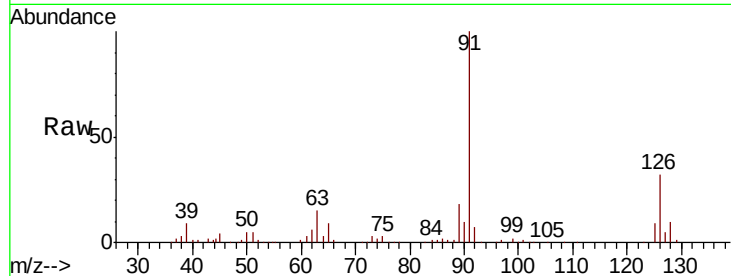




#79
 2-Chlorotoluene
 Concen: 20.488 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

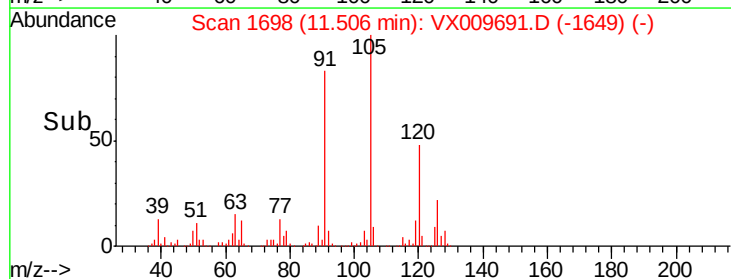
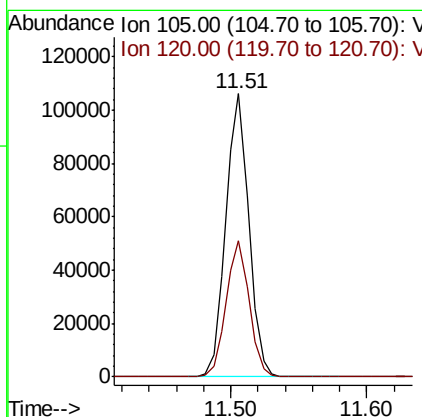
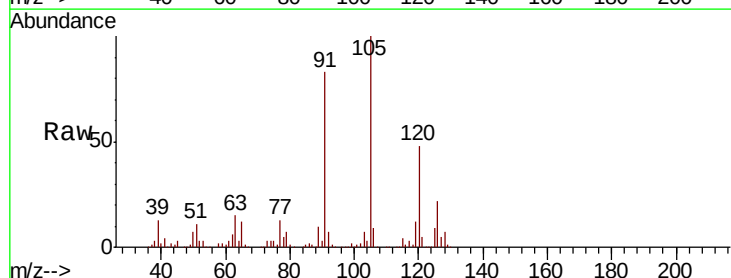
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

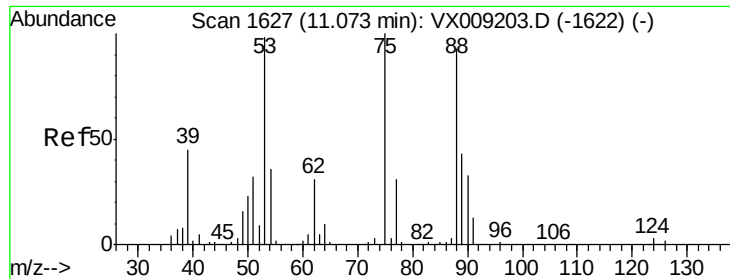
Tot Ion: 91 Resp: 102778
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.759 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 105 Resp: 124447
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9

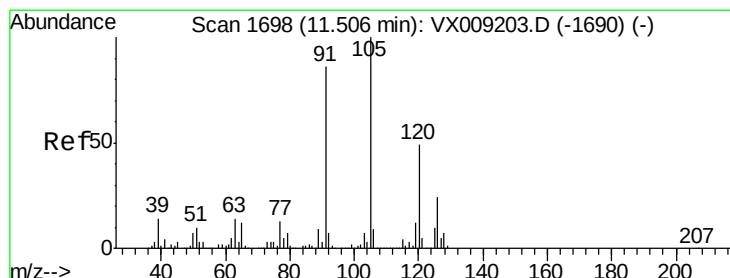
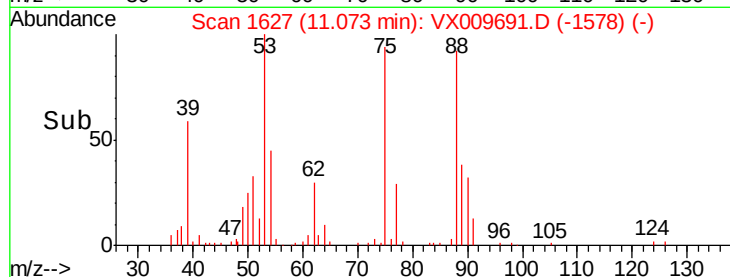
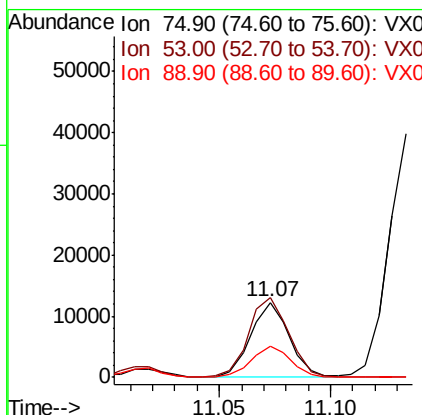
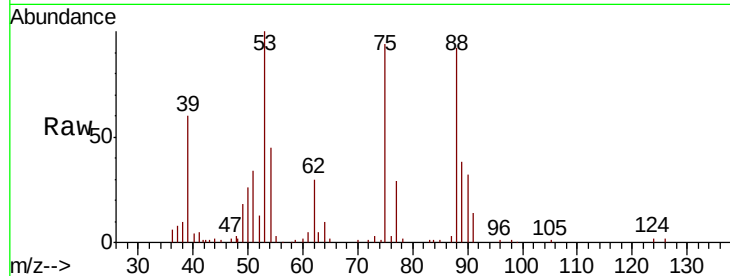




#81
trans-1,4-Dichloro-2-butene
Concen: 16.691 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

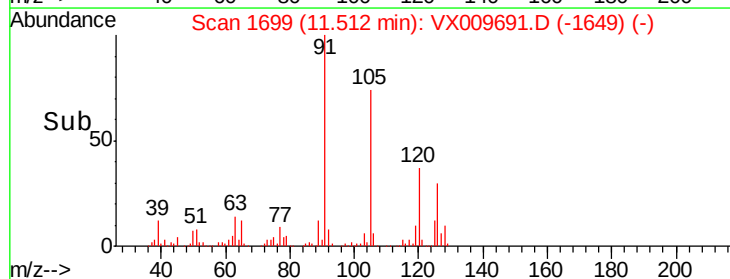
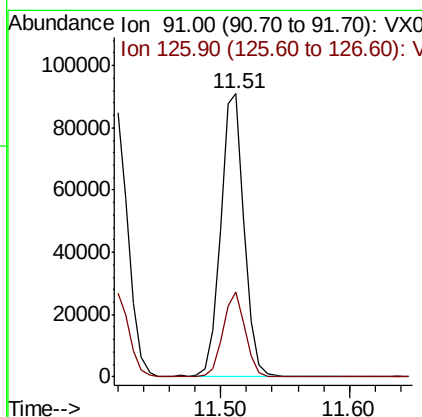
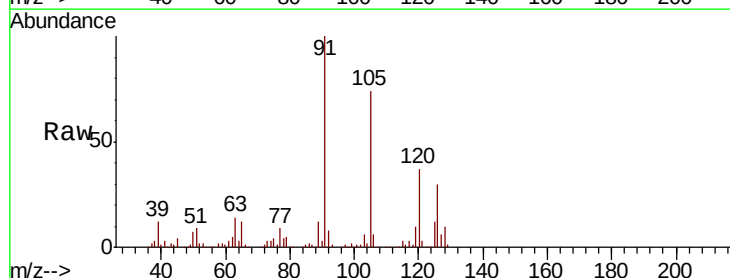
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

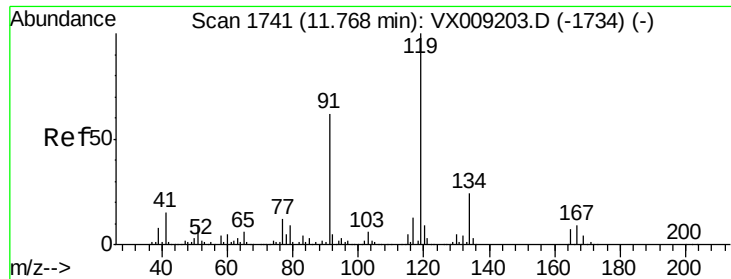
Tot Ion: 75 Resp: 14815
Ion Ratio Lower Upper
75 100
53 111.8 79.0 118.6
89 42.7 34.7 52.1



#82
4-Chlorotoluene
Concen: 20.472 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion: 91 Resp: 116018
Ion Ratio Lower Upper
91 100
126 28.8 14.5 43.6

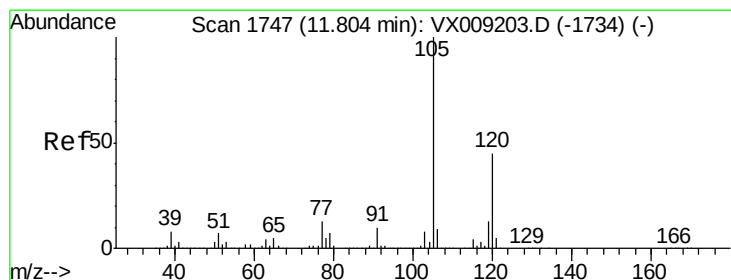
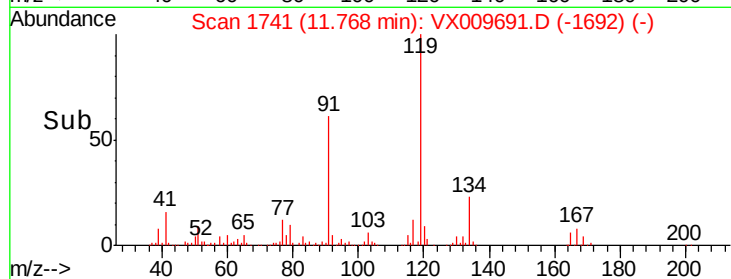
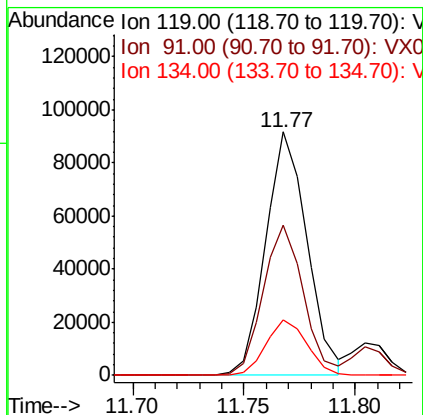
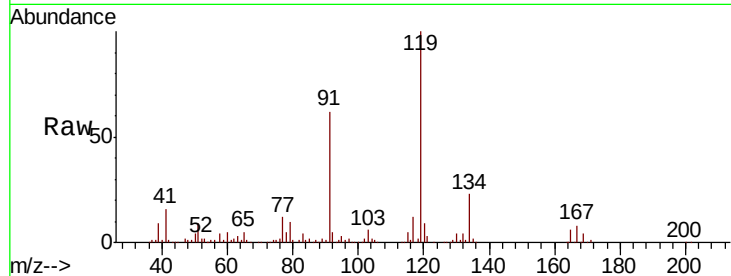




#83
 tert-Butylbenzene
 Concen: 20.225 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

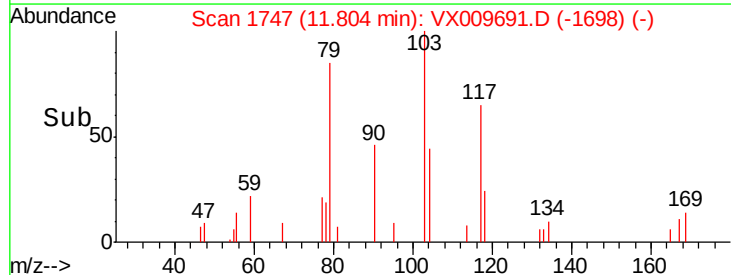
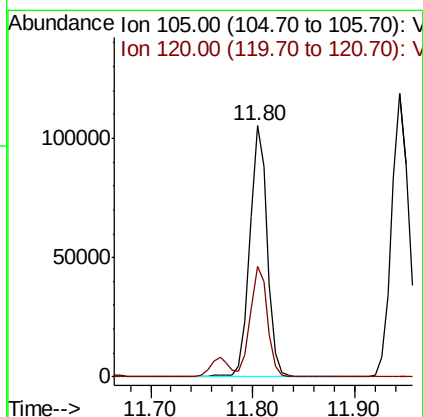
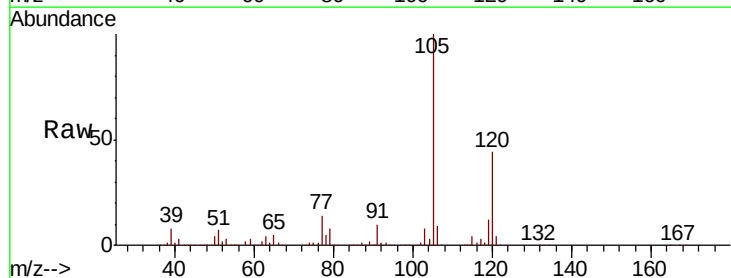
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

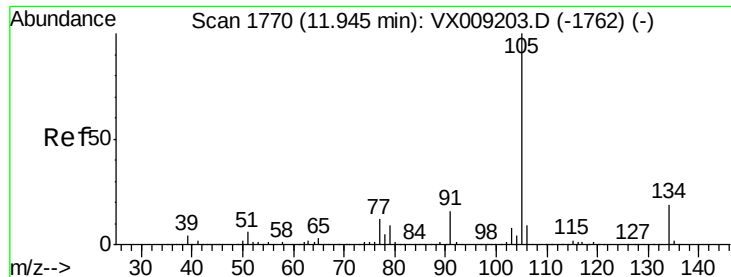
Tot Ion:119 Resp: 117947
 Ion Ratio Lower Upper
 119 100
 91 60.5 29.5 88.5
 134 22.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.875 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion:105 Resp: 125611
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.345 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampled :

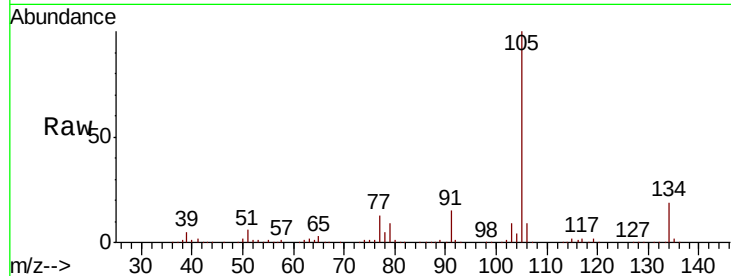
VX0517WBS04

Tot Ion:105 Resp: 140660

Ion Ratio Lower Upper

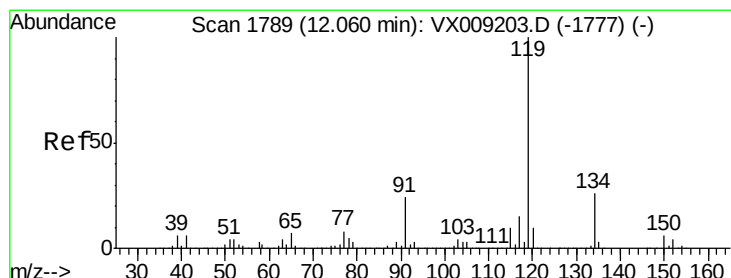
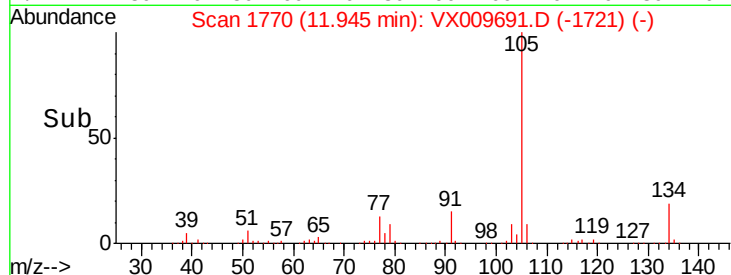
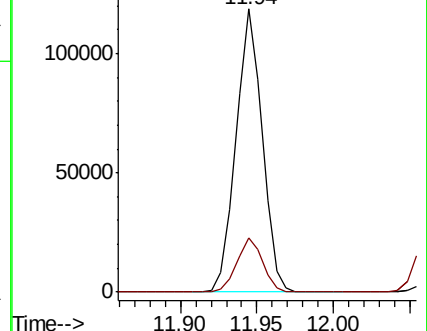
105 100

134 18.9 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.492 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

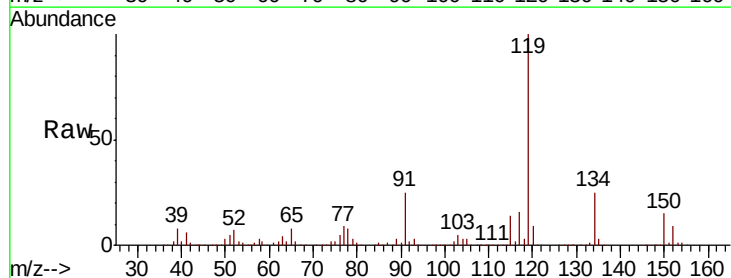
Tgt Ion:119 Resp: 127366

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

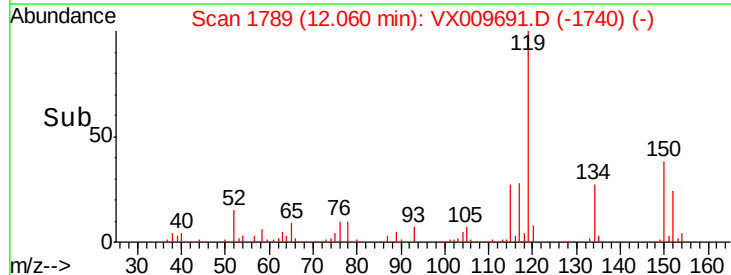
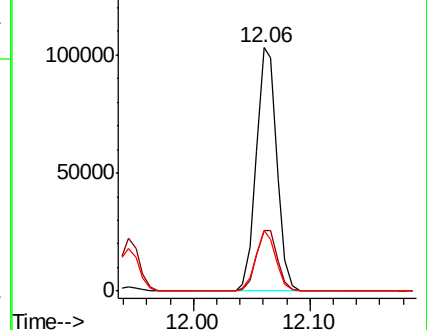
91 24.2 11.8 35.4

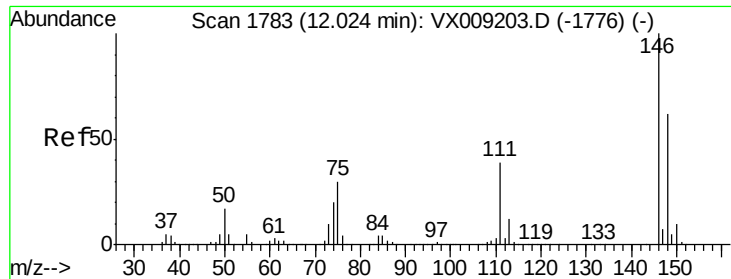


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

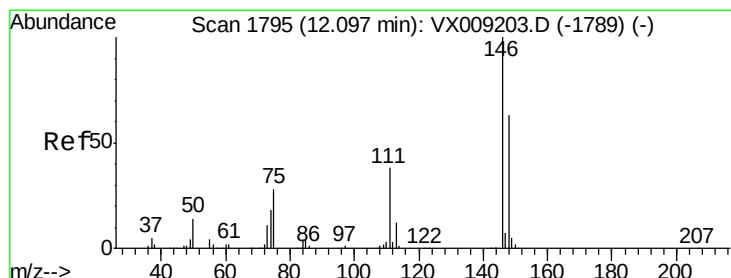
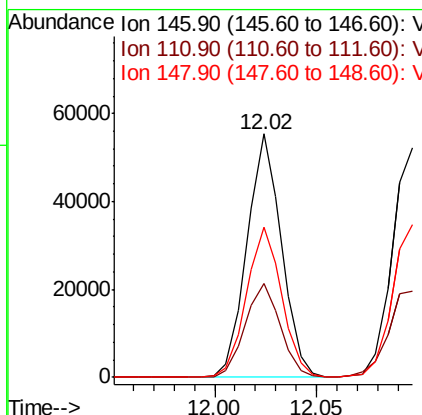
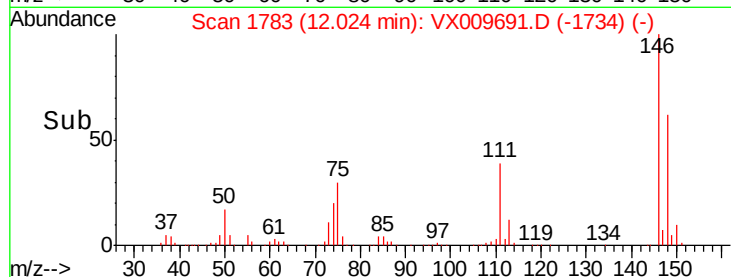
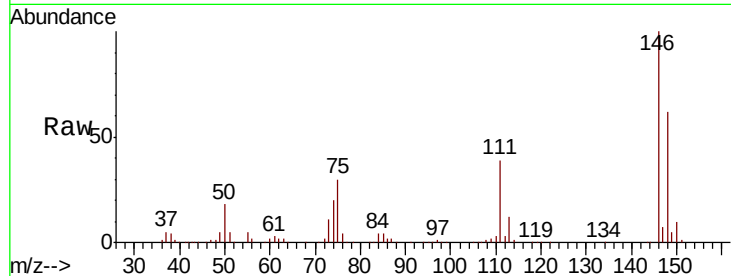




#87
 1,3-Dichlorobenzene
 Concen: 20.696 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

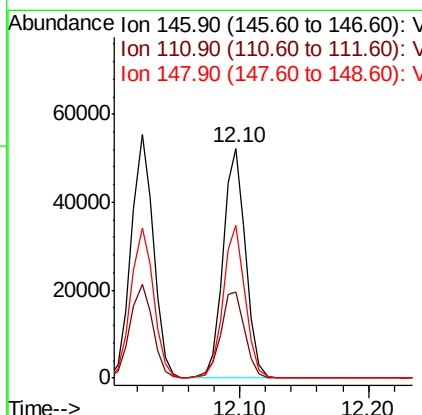
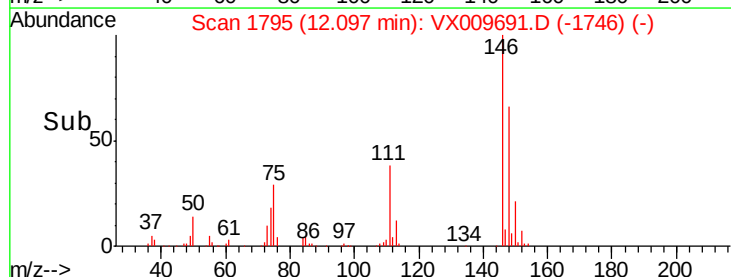
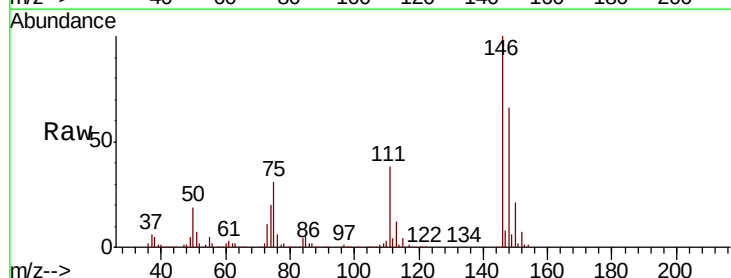
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

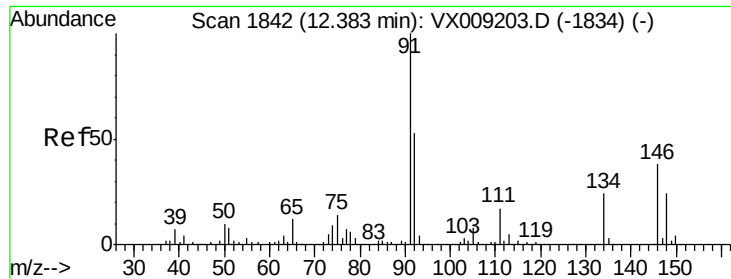
Tot Ion:146 Resp: 65198
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 62.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.271 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion:146 Resp: 64381
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.6 58.8
 148 64.8 31.8 95.3





#89

n-Butylbenzene

Concen: 19.458 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009691.D

Acq: 18 May 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS04

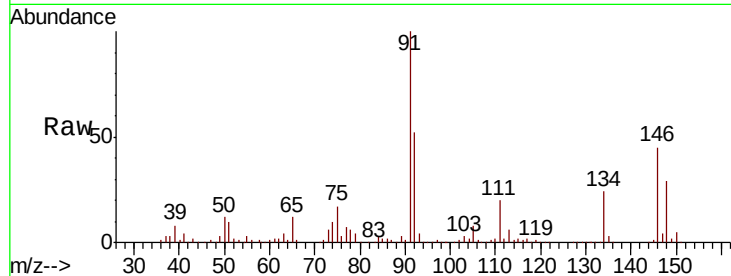
Tot Ion: 91 Resp: 109310

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

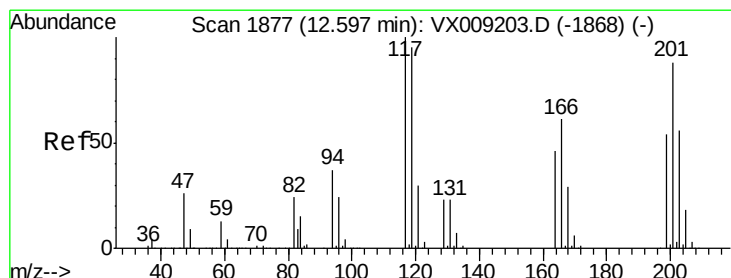
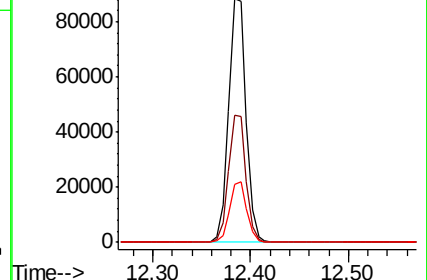
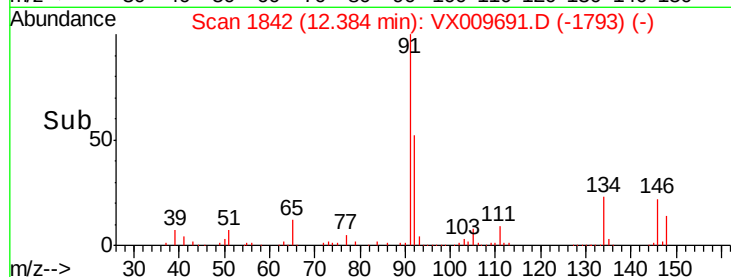
134 24.6 12.4 37.2



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: 19.726 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009691.D

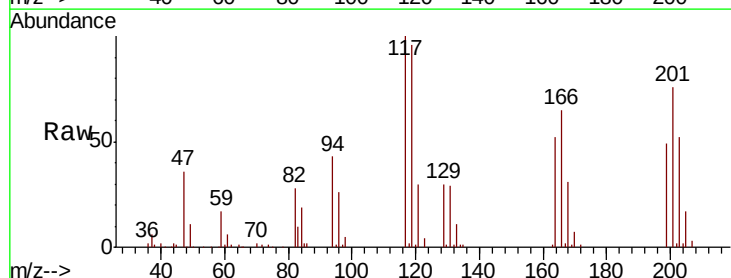
Acq: 18 May 2019 03:55

Tgt Ion: 117 Resp: 20888

Ion Ratio Lower Upper

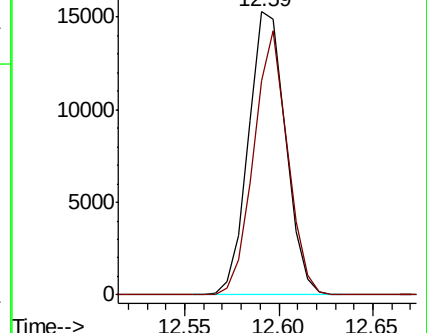
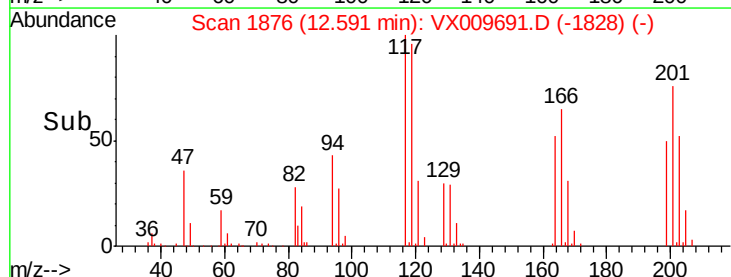
117 100

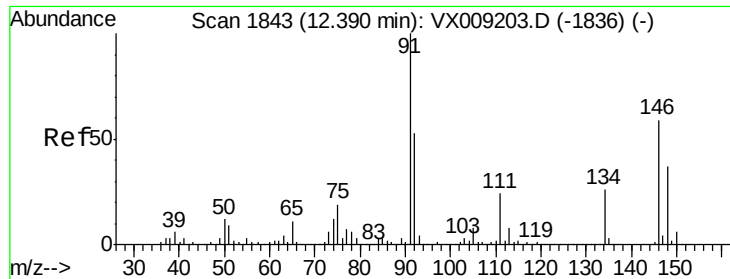
201 84.9 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

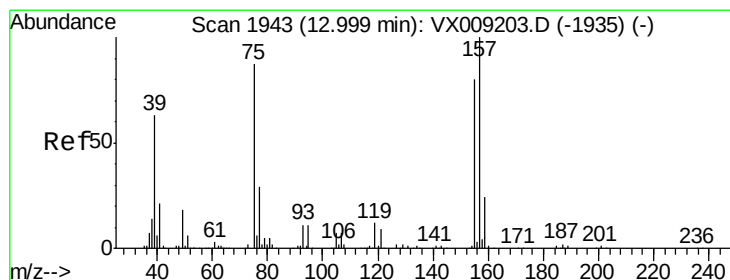
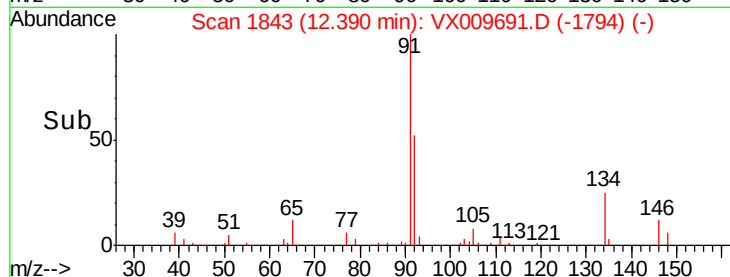
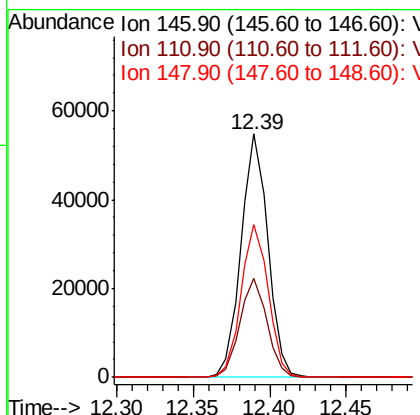
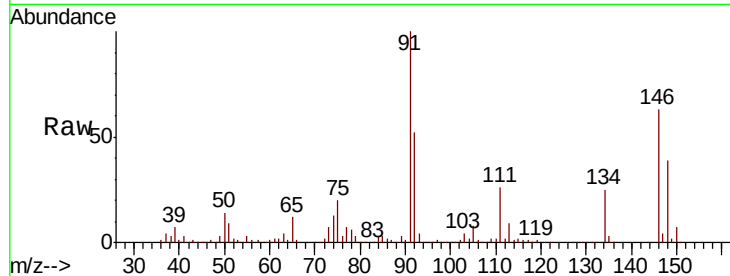




#91
 1,2-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

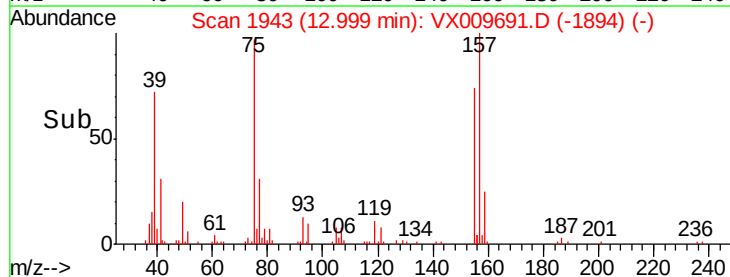
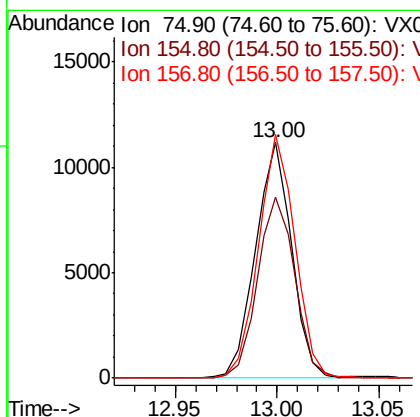
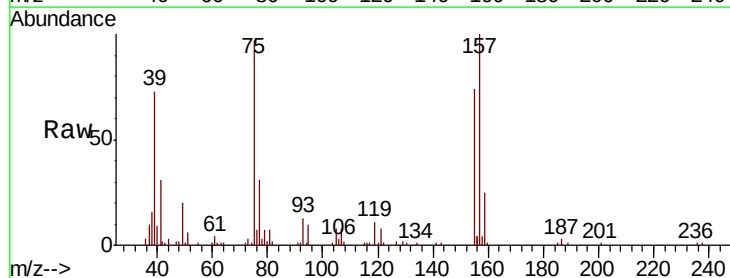
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

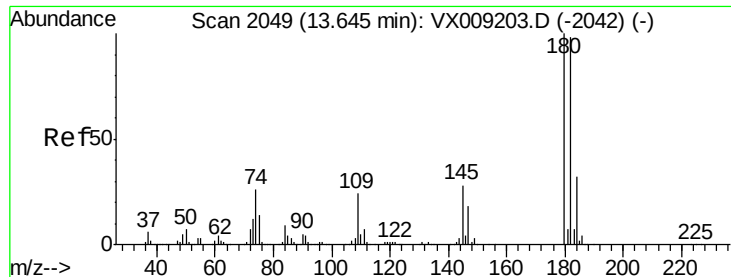
Tot Ion:146 Resp: 66539
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 63.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.103 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion: 75 Resp: 13755
 Ion Ratio Lower Upper
 75 100
 155 79.3 42.0 126.0
 157 104.4 53.2 159.6

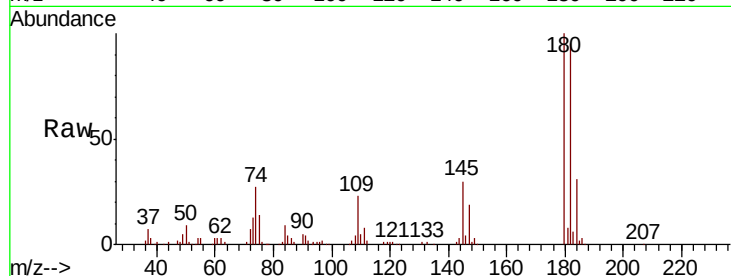




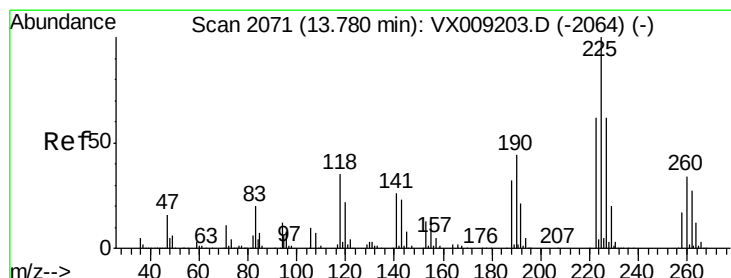
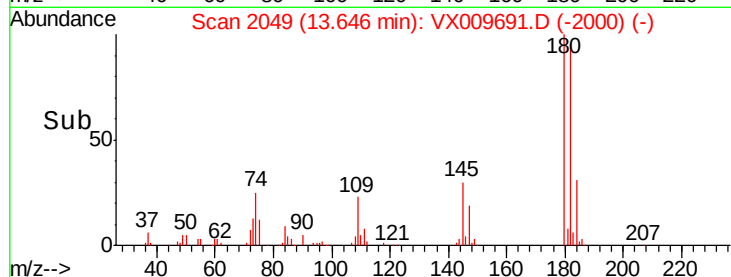
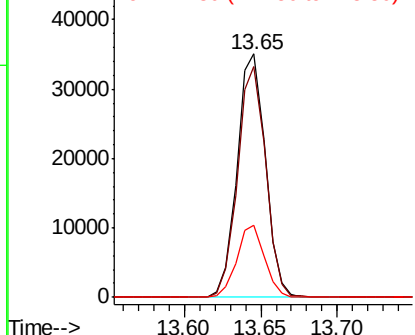
#93
 1,2,4-Trichlorobenzene
 Concen: 20.462 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS04

Tot Ion:180 Resp: 44897
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.4 145.2
 145 29.0 14.6 43.8

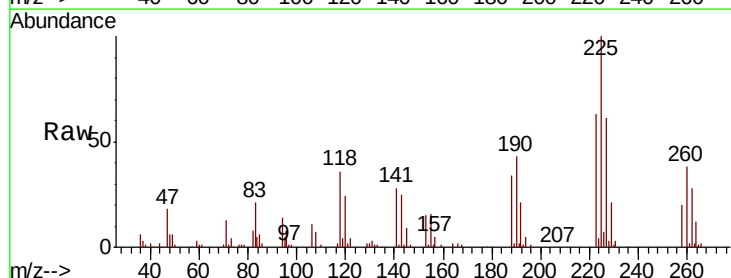


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

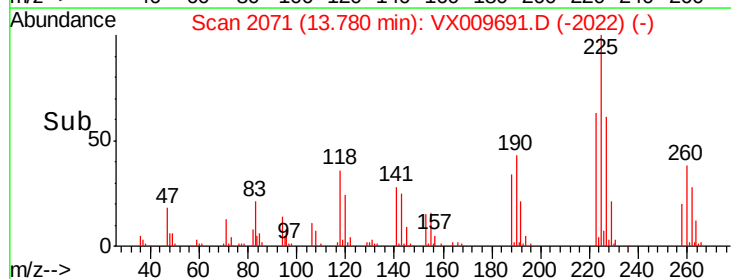
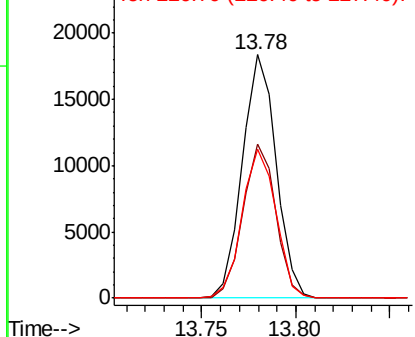


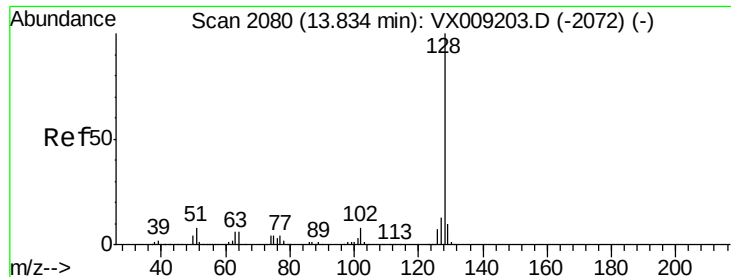
#94
 Hexachlorobutadiene
 Concen: 20.443 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009691.D
 Acq: 18 May 2019 03:55

Tgt Ion:225 Resp: 22906
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.8
 227 61.3 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

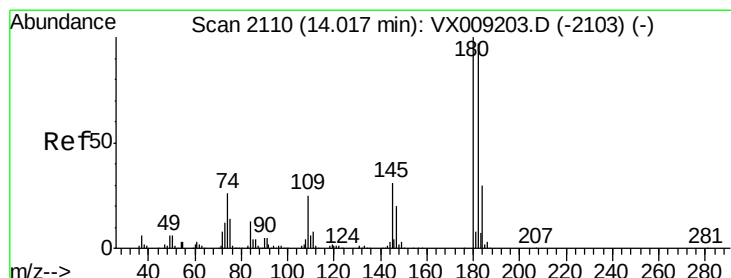
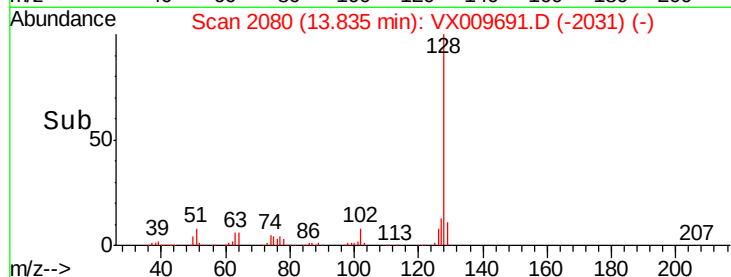
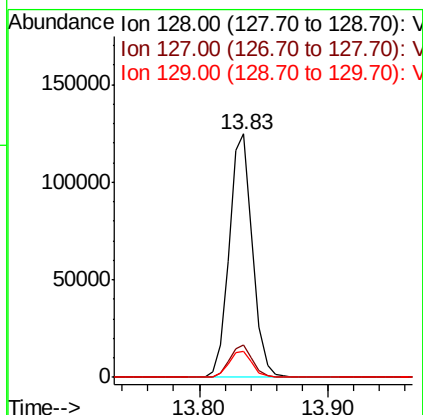
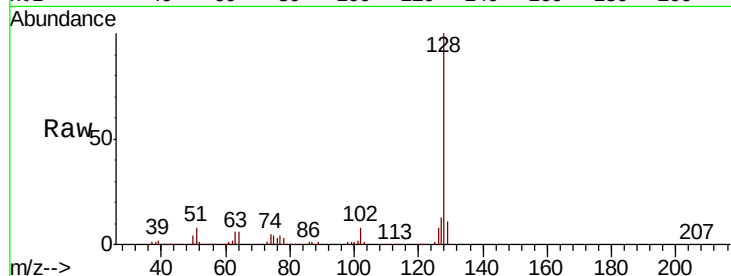




#95
Naphthalene
Concen: 22.023 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS04

Tot Ion:128 Resp: 157210
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.594 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009691.D
Acq: 18 May 2019 03:55

Tgt Ion:180 Resp: 48028
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.4
145 31.0 15.4 46.4

