

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010608.D
 Acq On : 02 Jul 2019 11:44
 Operator : JC/SP
 Sample : VX0702WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Quant Time: Jul 15 05:50:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109187	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.50	113	106637	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	393093	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	138138	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27444	16.572	ug/l	99
3) Chloromethane	1.33	50	29700	15.402	ug/l	96
4) Vinyl Chloride	1.41	62	34788	16.471	ug/l	100
5) Bromomethane	1.64	94	23928	23.254	ug/l	99
6) Chloroethane	1.73	64	23833	19.126	ug/l	99
7) Trichlorofluoromethane	1.93	101	63082	18.840	ug/l	98
8) Diethyl Ether	2.19	74	23081	19.223	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37326	18.396	ug/l	99
10) Methyl Iodide	2.51	142	44320	15.305	ug/l	96
11) Tert butyl alcohol	3.04	59	47814	81.818	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37170	18.003	ug/l	94
13) Acrolein	2.29	56	45938	118.496	ug/l	100
14) Allyl chloride	2.73	41	53086	18.110	ug/l	98
15) Acrylonitrile	3.14	53	110398	95.414	ug/l	99
16) Acetone	2.44	43	102318	91.413	ug/l	95
17) Carbon Disulfide	2.57	76	79816	14.409	ug/l	99
18) Methyl Acetate	2.78	43	42327	18.974	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	124000	19.091	ug/l	100
20) Methylene Chloride	2.85	84	42803	18.582	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39100	17.608	ug/l	100
22) Diisopropyl ether	3.85	45	118014	19.256	ug/l	99
23) Vinyl Acetate	3.81	43	506386	95.646	ug/l	98
24) 1,1-Dichloroethane	3.70	63	66894	18.883	ug/l	99
25) 2-Butanone	4.67	43	155225	94.542	ug/l	99
26) 2,2-Dichloropropane	4.58	77	55459	18.022	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	47885	18.661	ug/l	99
28) Bromochloromethane	5.01	49	31907	18.838	ug/l	95
29) Tetrahydrofuran	5.13	42	94868	93.284	ug/l	99
30) Chloroform	5.21	83	71784	18.833	ug/l	97
31) Cyclohexane	5.58	56	57469	17.815	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61917	18.397	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49517	17.617	ug/l	99
37) Ethyl Acetate	4.83	43	55455	19.179	ug/l	98
38) Carbon Tetrachloride	5.79	117	53785	17.672	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Quant Time: Jul 15 05:50:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64259	17.393	ug/l	99
40) Benzene	6.14	78	161296	18.420	ug/l	99
41) Methacrylonitrile	5.04	41	29579	18.644	ug/l	98
42) 1,2-Dichloroethane	6.20	62	53662	20.132	ug/l	98
43) Isopropyl Acetate	6.45	43	89744	18.759	ug/l	99
44) Trichloroethene	7.21	130	47937	18.295	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42473	19.207	ug/l	97
46) Dibromomethane	7.66	93	29482	18.583	ug/l	98
47) Bromodichloromethane	7.90	83	53051	18.246	ug/l	99
48) Methyl methacrylate	7.77	41	41849	18.820	ug/l	99
49) 1,4-Dioxane	7.74	88	23475	366.467	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	296653	96.957	ug/l	99
52) Toluene	8.78	92	106193	18.415	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56024	17.187	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	63757	17.998	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45570	19.161	ug/l	97
56) Ethyl methacrylate	9.18	69	65401	18.153	ug/l	97
57) 1,3-Dichloropropane	9.37	76	70631	19.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	162797	95.146	ug/l	100
59) 2-Hexanone	9.49	43	229957	95.495	ug/l	98
60) Dibromochloromethane	9.58	129	45539	17.102	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47960	18.683	ug/l	98
64) Tetrachloroethene	9.34	164	46805	18.394	ug/l	96
65) Chlorobenzene	10.14	112	119856	18.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	43530	18.711	ug/l	100
67) Ethyl Benzene	10.25	91	201889	18.724	ug/l	99
68) m/p-Xylenes	10.36	106	155027	37.106	ug/l	99
69) o-Xylene	10.69	106	76615	18.647	ug/l	99
70) Styrene	10.71	104	127115	18.448	ug/l	98
71) Bromoform	10.85	173	33126	16.374	ug/l #	100
73) Isopropylbenzene	11.02	105	203832	19.072	ug/l	99
74) N-amyl acetate	10.90	43	77094	19.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70815	20.007	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73767	25.675	ug/l	81
77) Bromobenzene	11.26	156	54983	18.424	ug/l	98
78) n-propylbenzene	11.36	91	221486	18.856	ug/l	100
79) 2-Chlorotoluene	11.42	91	131309	18.773	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	165103	18.739	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19073	15.487	ug/l	90
82) 4-Chlorotoluene	11.51	91	152676	19.183	ug/l	100
83) tert-Butylbenzene	11.77	119	167240	18.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	165934	18.745	ug/l	99
85) sec-Butylbenzene	11.94	105	197457	19.017	ug/l	99
86) p-Isopropyltoluene	12.06	119	175738	18.298	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	96463	18.517	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	96705	18.235	ug/l	99
89) n-Butylbenzene	12.38	91	149692	18.342	ug/l	99
90) Hexachloroethane	12.59	117	27871	16.783	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	97162	18.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13143	17.223	ug/l	93

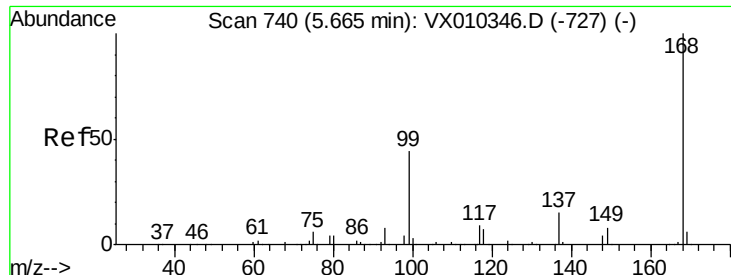
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070219\
Data File : VX010608.D
Acq On : 02 Jul 2019 11:44
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Sample : VX0702WBS01
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Quant Time: Jul 15 05:50:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64549	17.978	ug/l	99
94) Hexachlorobutadiene	13.78	225	31506	17.955	ug/l	98
95) Naphthalene	13.83	128	199313	18.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66082	18.511	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: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

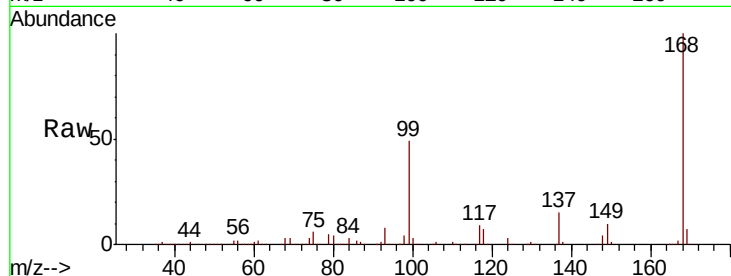
VX0702WBS01

Tot Ion:168 Resp: 238200

Ion Ratio Lower Upper

168 100

99 49.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

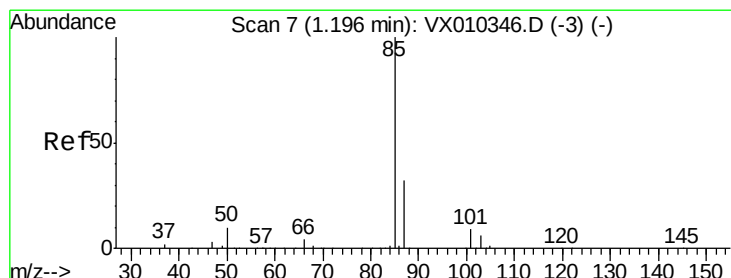
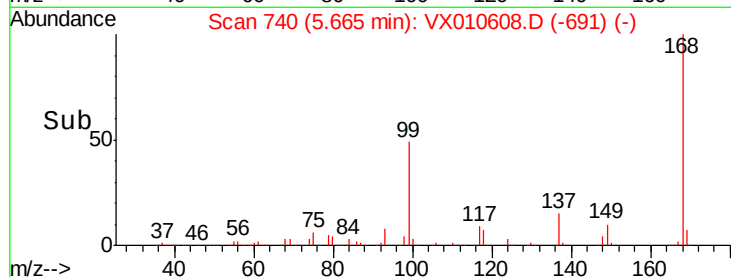
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.572 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010608.D

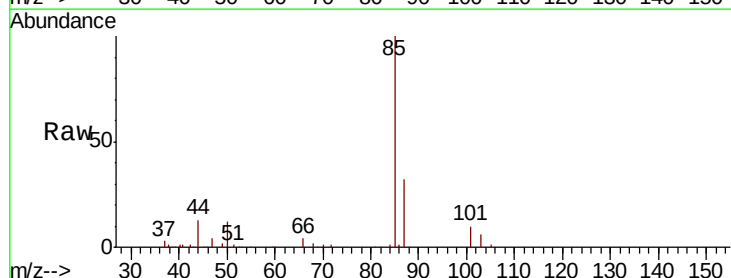
Acq: 02 Jul 2019 11:44

Tgt Ion: 85 Resp: 27444

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

30000

25000

20000

15000

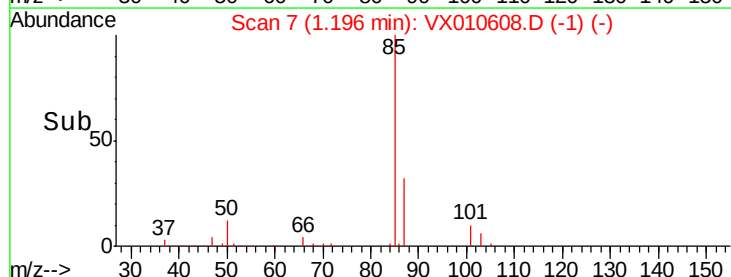
10000

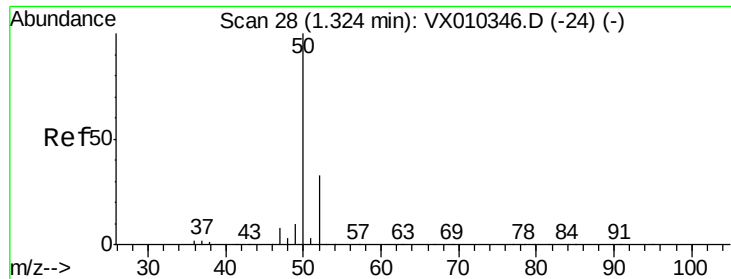
5000

0

1.15 1.20 1.25 1.30

Time-->

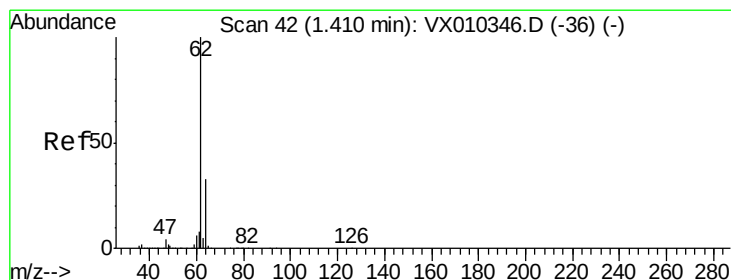
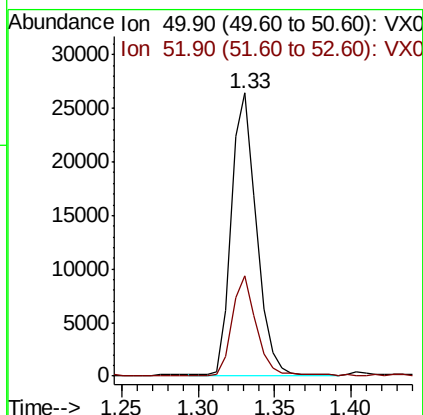
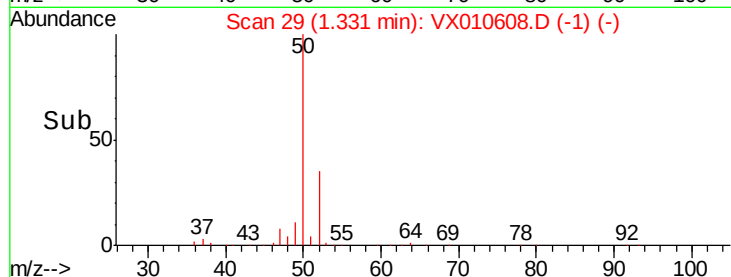
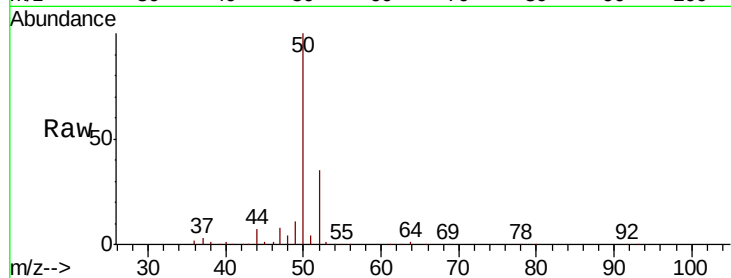




#3
Chloromethane
Concen: 15.402 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

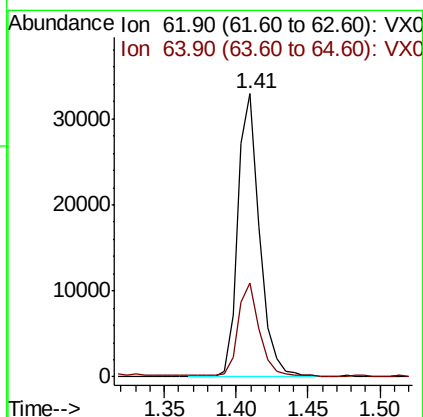
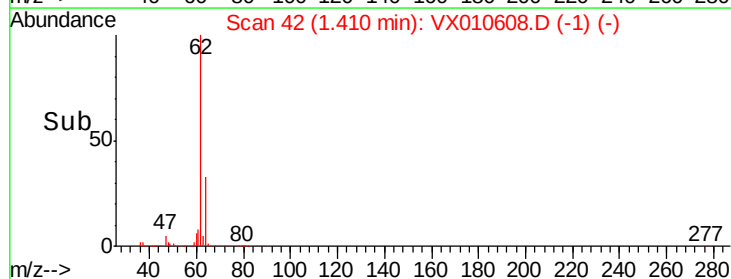
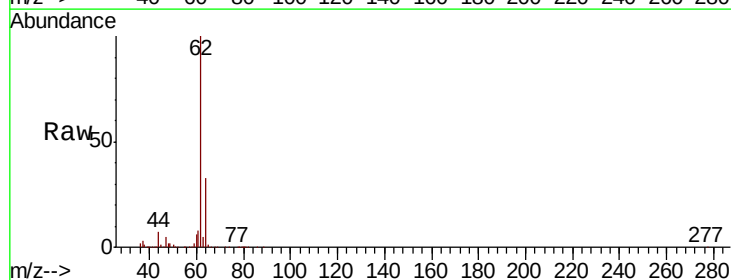
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

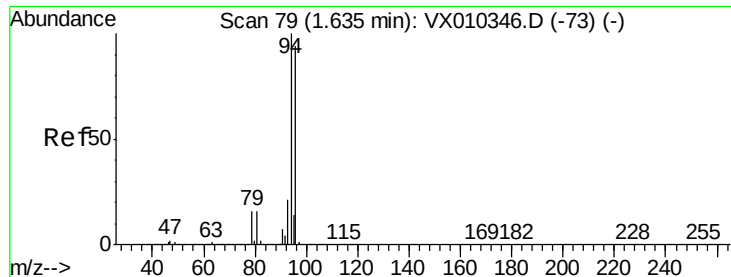
Tot Ion: 50 Resp: 29700
Ion Ratio Lower Upper
50 100
52 35.2 26.5 39.7



#4
Vinyl Chloride
Concen: 16.471 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 62 Resp: 34788
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.4





#5

Bromomethane

Concen: 23.254 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

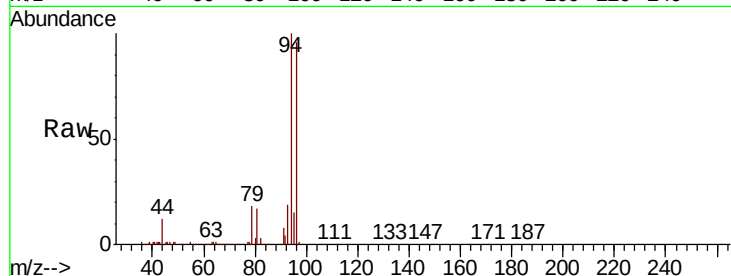
VX0702WBS01

Tot Ion: 94 Resp: 23928

Ion Ratio Lower Upper

94 100

96 95.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

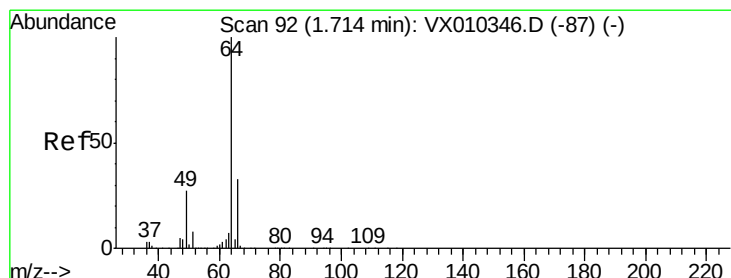
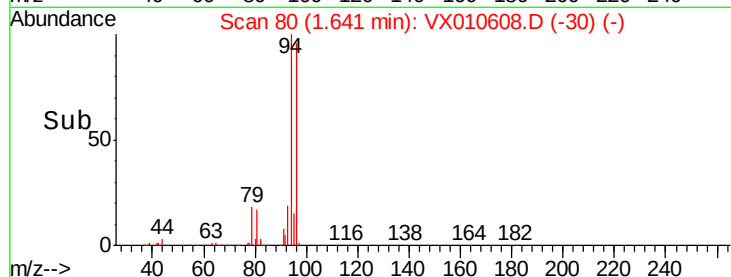
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.126 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010608.D

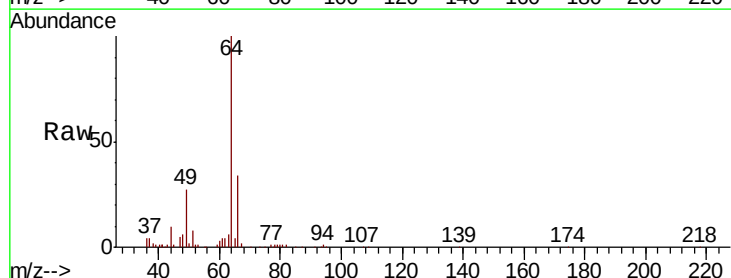
Acq: 02 Jul 2019 11:44

Tgt Ion: 64 Resp: 23833

Ion Ratio Lower Upper

64 100

66 33.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

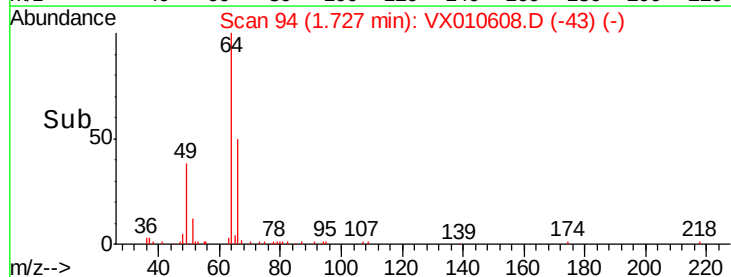
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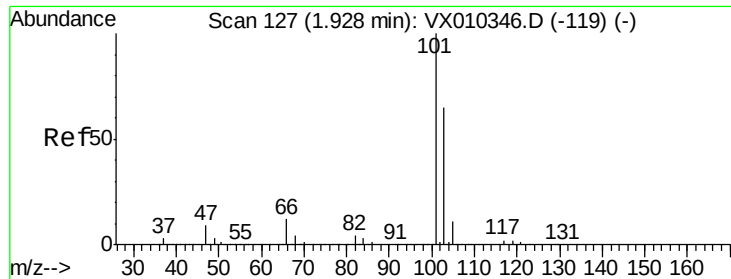
10000

5000

0

Time--> 1.65 1.70 1.75 1.80



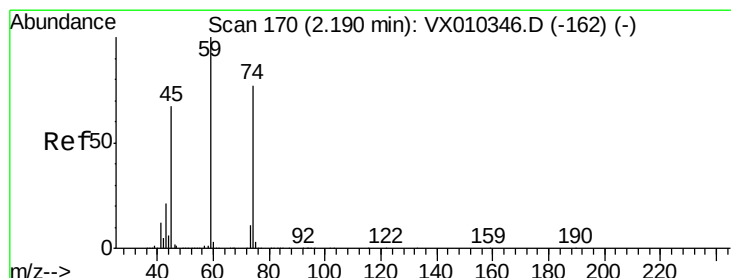
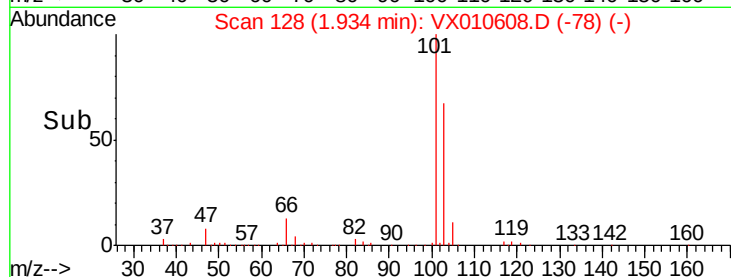
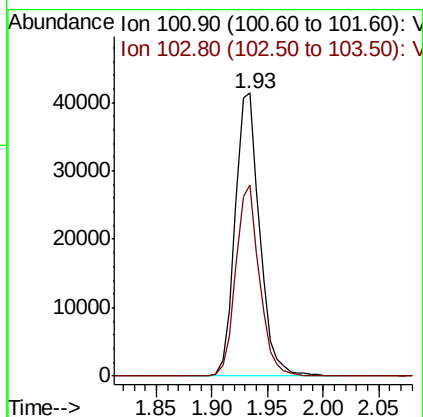
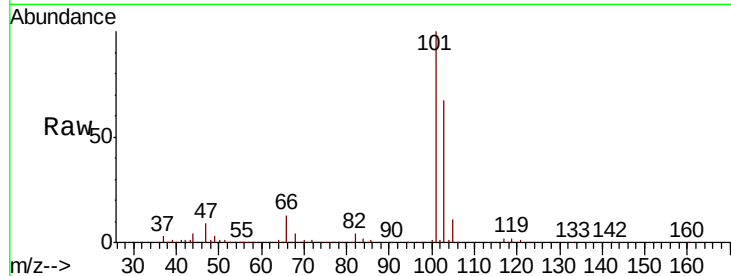


#7

Trichlorofluoromethane
 Concen: 18.840 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

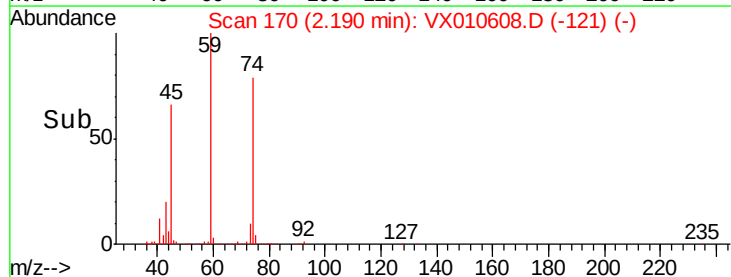
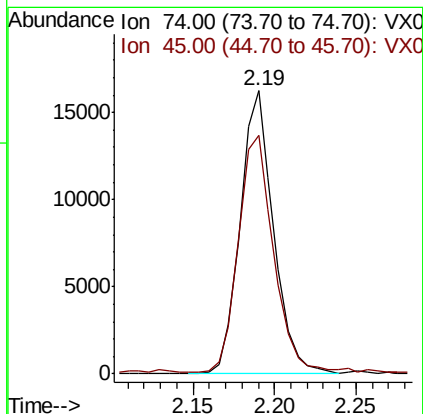
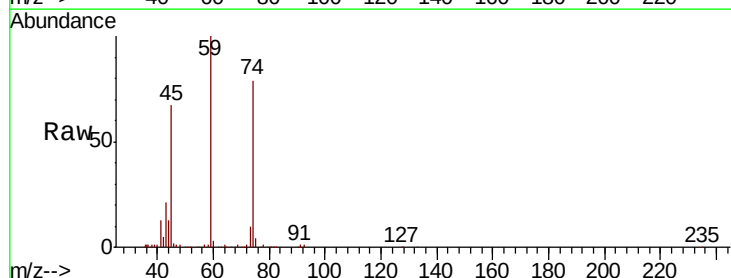
Tot Ion:101 Resp: 63082
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.3 78.5

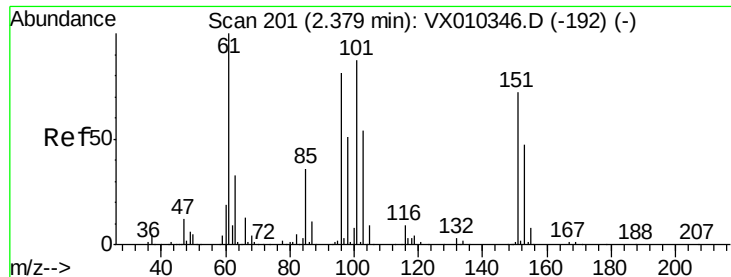


#8

Diethyl Ether
 Concen: 19.223 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 74 Resp: 23081
 Ion Ratio Lower Upper
 74 100
 45 89.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.396 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

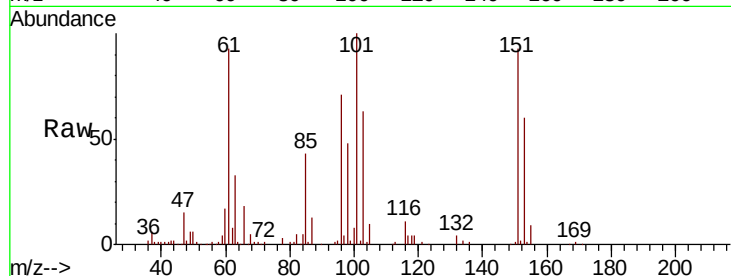
Tot Ion:101 Resp: 37326

Ion Ratio Lower Upper

101 100

85 43.4 33.7 50.5

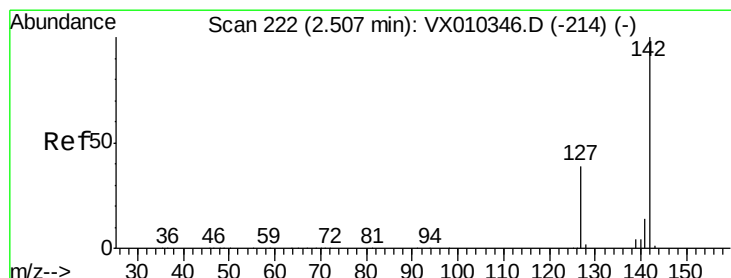
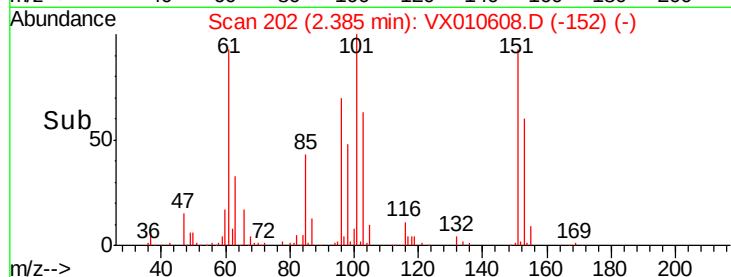
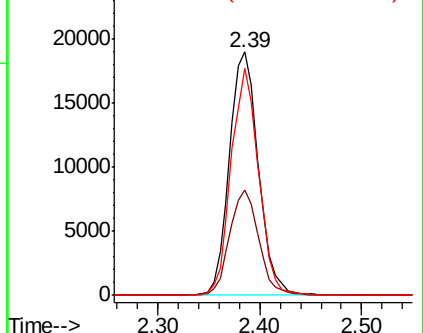
151 87.9 70.1 105.1



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: 15.305 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

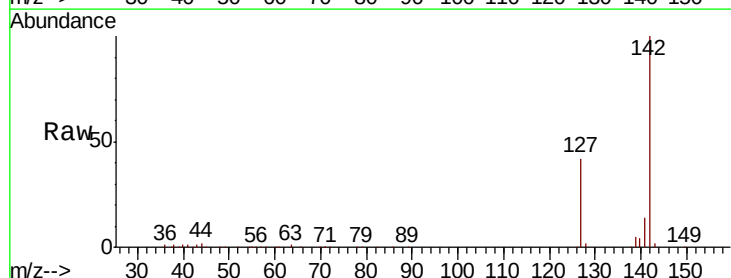
Tgt Ion:142 Resp: 44320

Ion Ratio Lower Upper

142 100

127 42.0 31.1 46.7

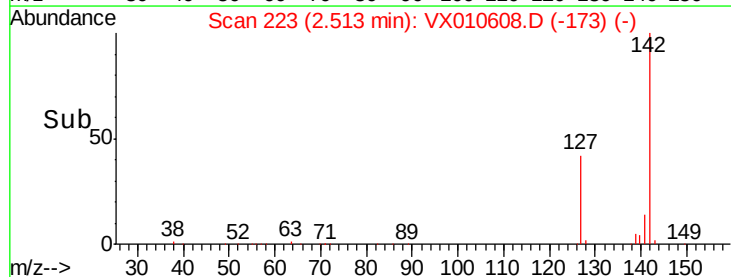
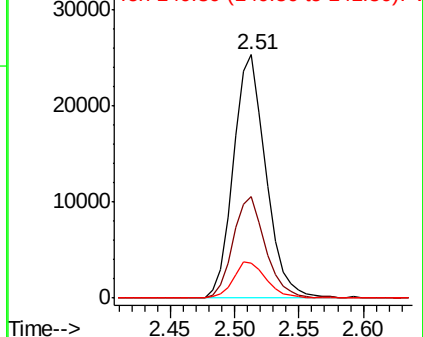
141 15.0 11.2 16.8

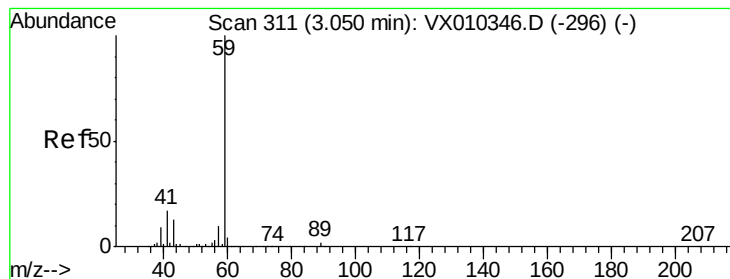


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 81.818 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

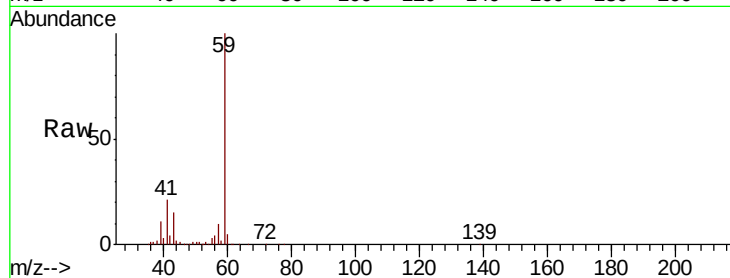
VX0702WBS01

Tot Ion: 59 Resp: 47814

Ion Ratio Lower Upper

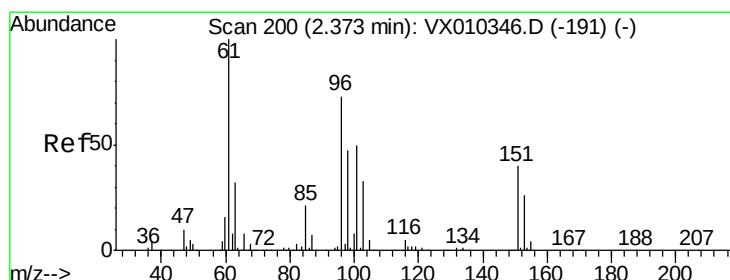
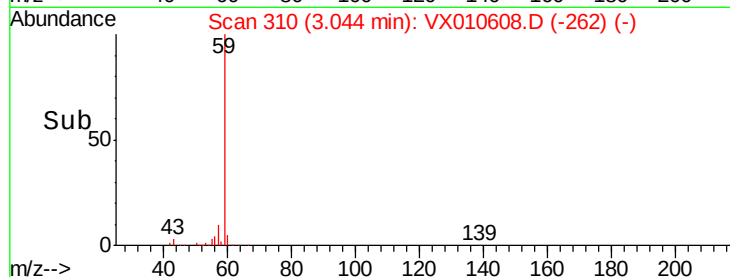
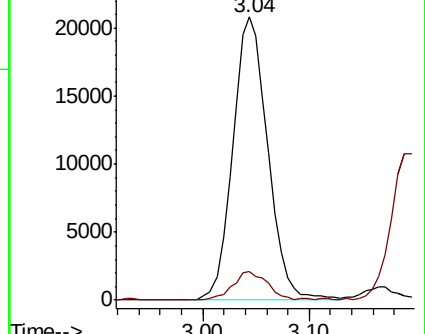
59 100

57 10.2 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.003 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

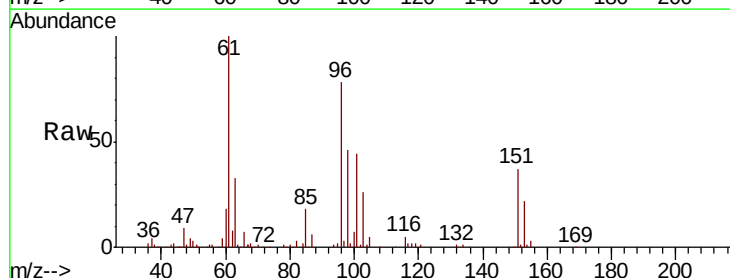
Tgt Ion: 96 Resp: 37170

Ion Ratio Lower Upper

96 100

61 128.7 109.2 163.8

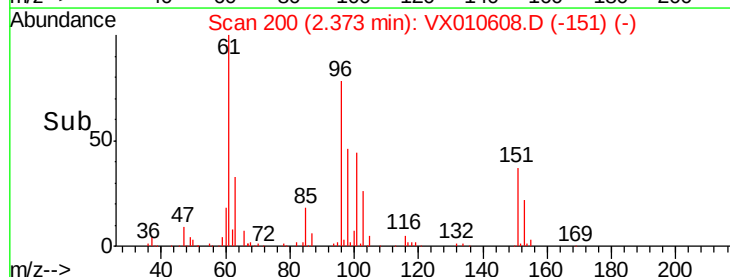
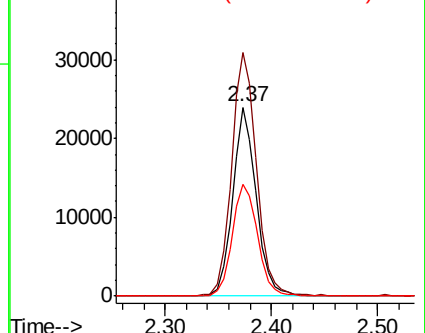
98 59.3 51.1 76.7

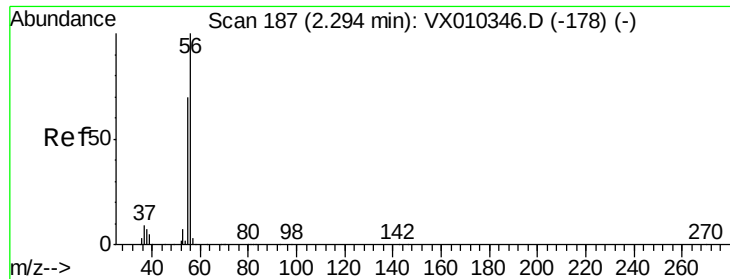


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 118.496 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

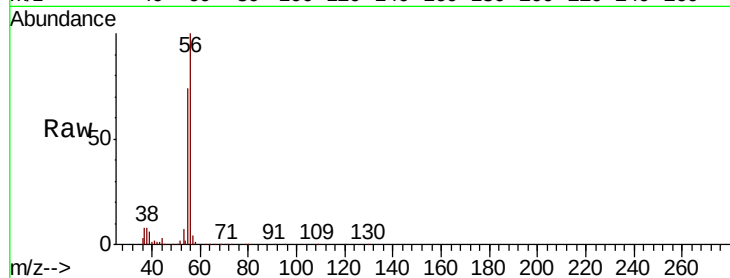
VX0702WBS01

Tot Ion: 56 Resp: 45938

Ion Ratio Lower Upper

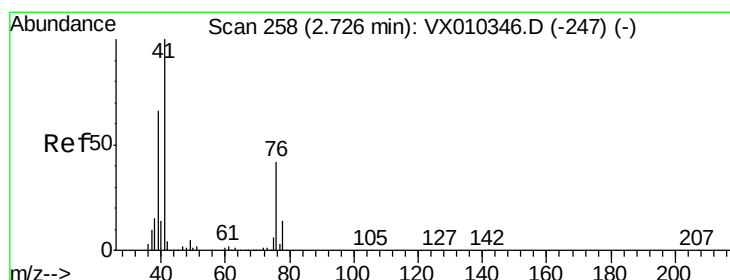
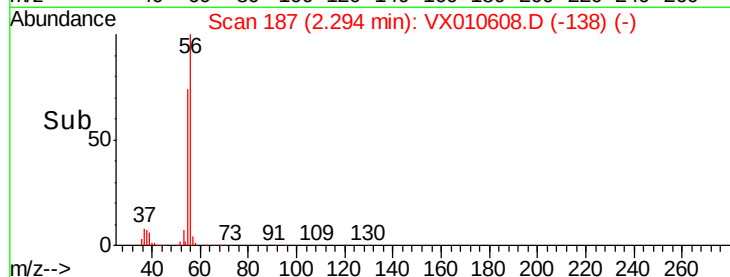
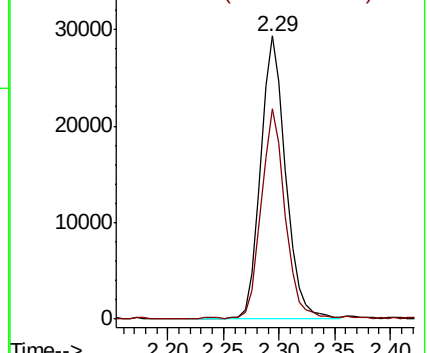
56 100

55 71.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.110 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

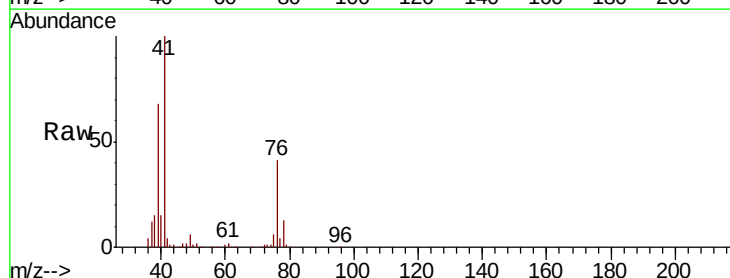
Tgt Ion: 41 Resp: 53086

Ion Ratio Lower Upper

41 100

39 64.4 50.3 75.5

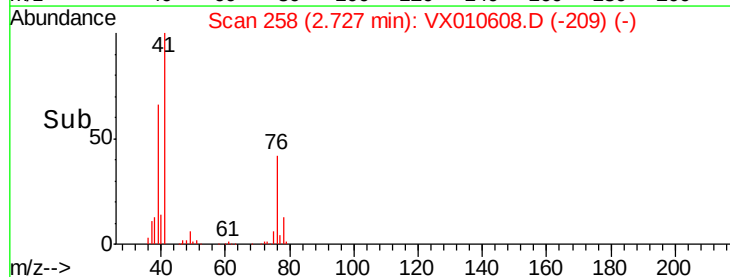
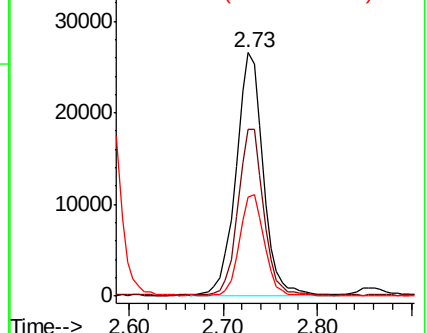
76 38.4 31.3 46.9

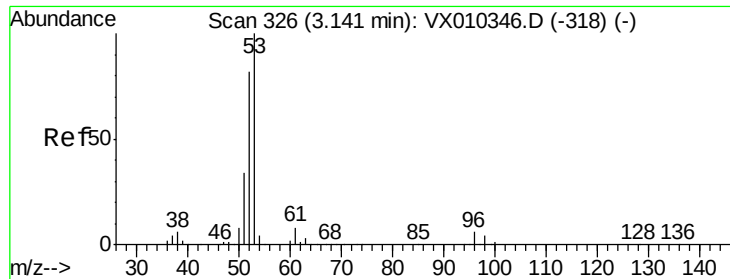


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

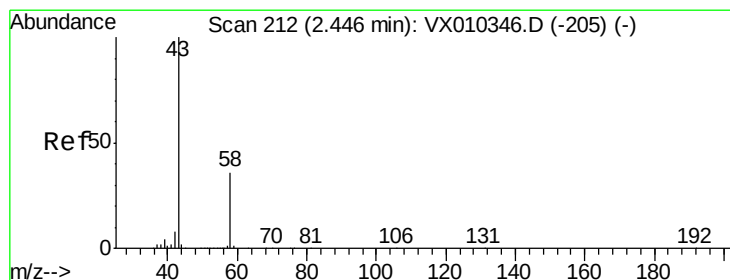
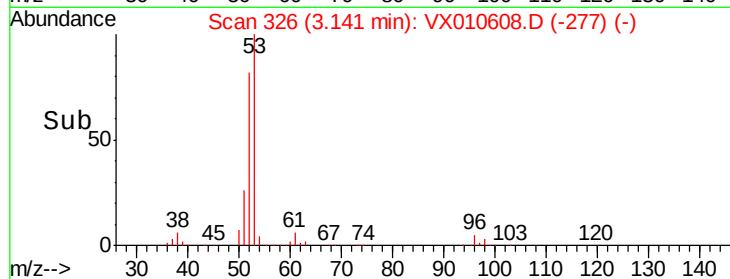
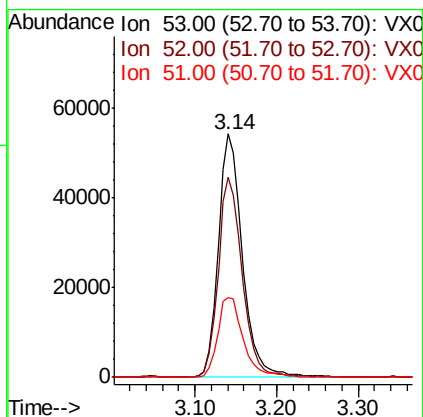
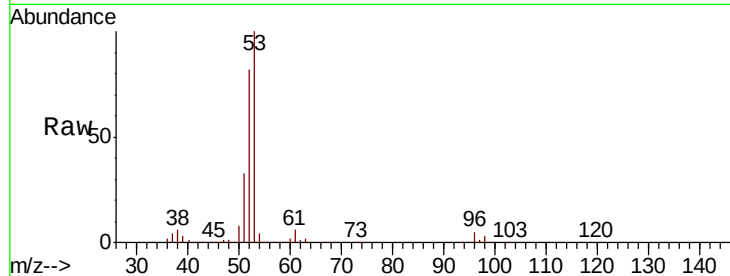




#15
 Acrylonitrile
 Concen: 95.414 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

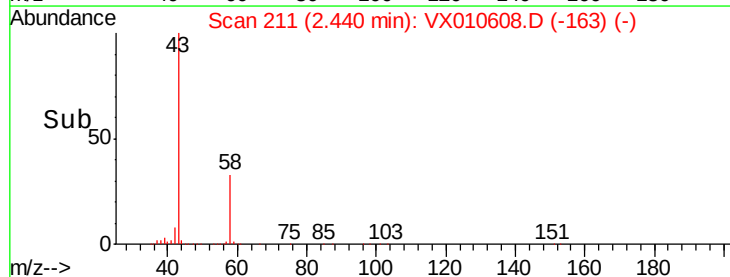
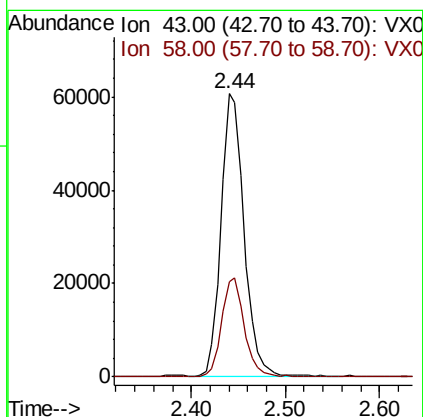
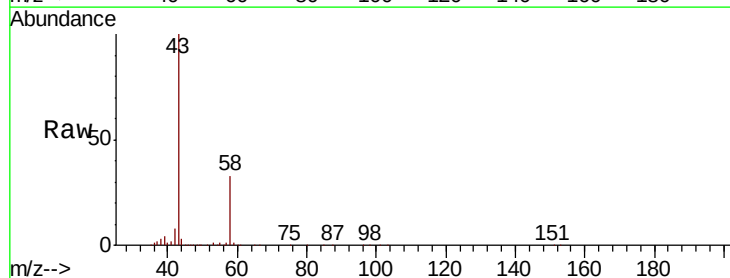
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

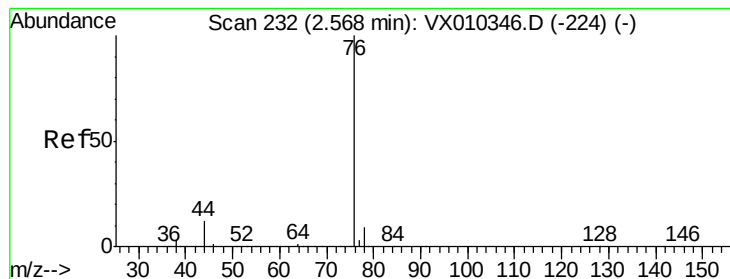
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.1	28.2	42.4



#16
 Acetone
 Concen: 91.413 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.4	28.9	43.3





#17

Carbon Disulfide

Concen: 14.409 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

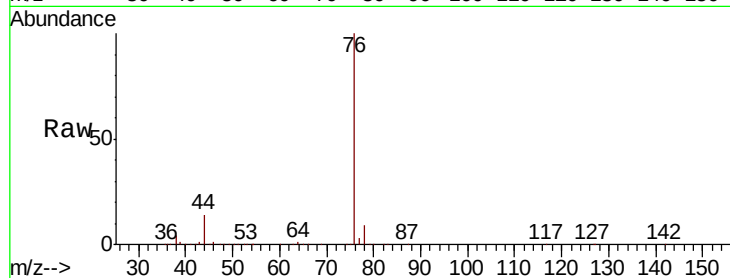
VX0702WBS01

Tot Ion: 76 Resp: 79816

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

50000

40000

30000

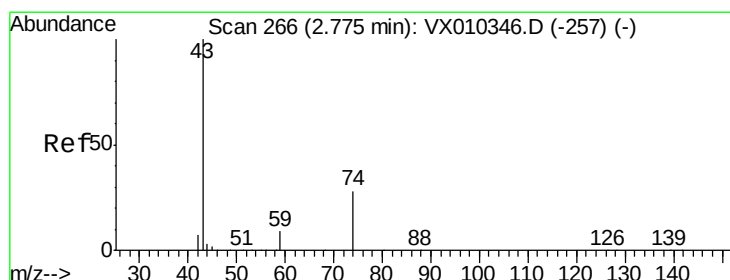
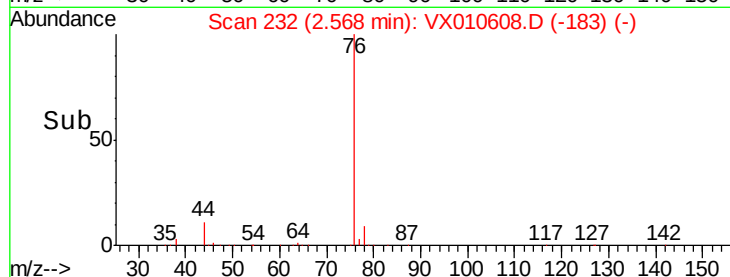
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.974 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010608.D

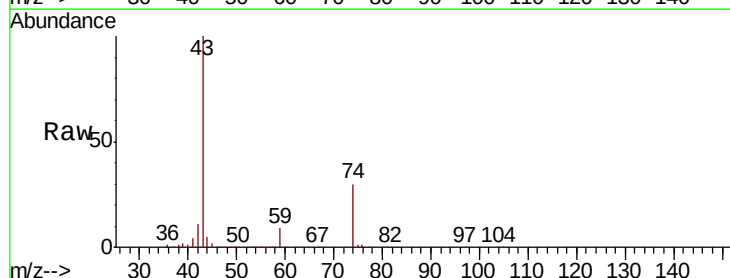
Acq: 02 Jul 2019 11:44

Tgt Ion: 43 Resp: 42327

Ion Ratio Lower Upper

43 100

74 27.9 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

25000

20000

15000

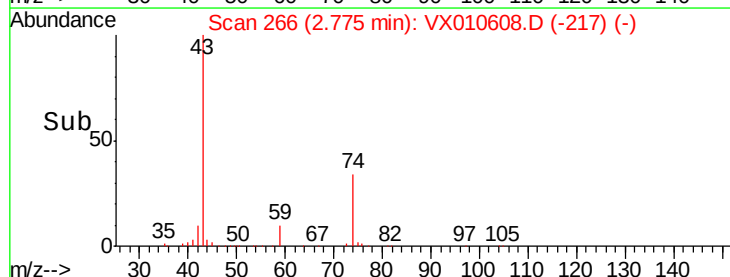
10000

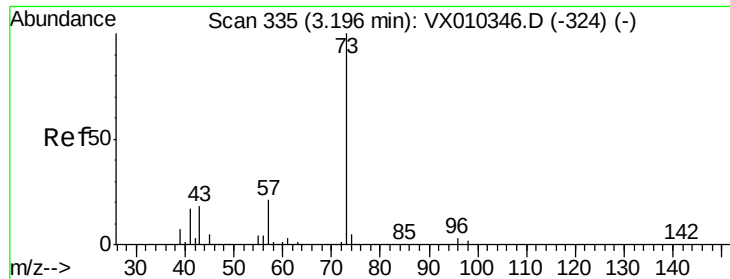
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



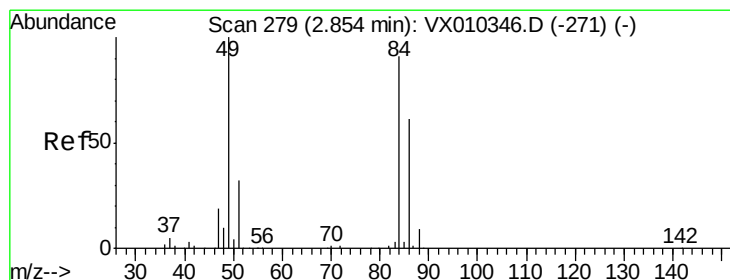
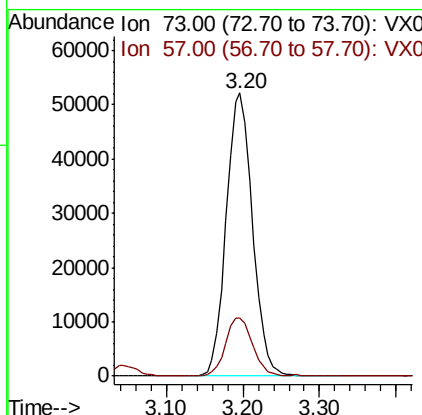
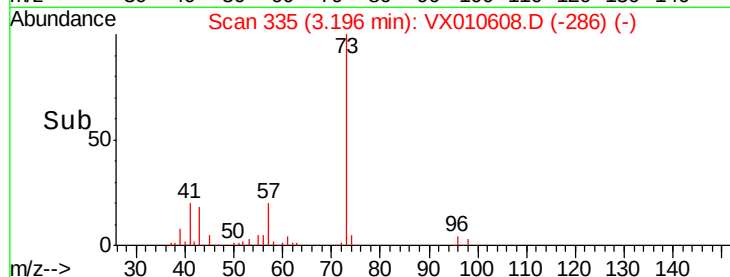
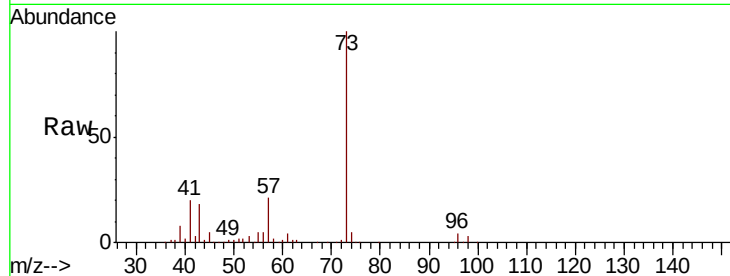


#19

Methyl tert-butyl Ether
 Concen: 19.091 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

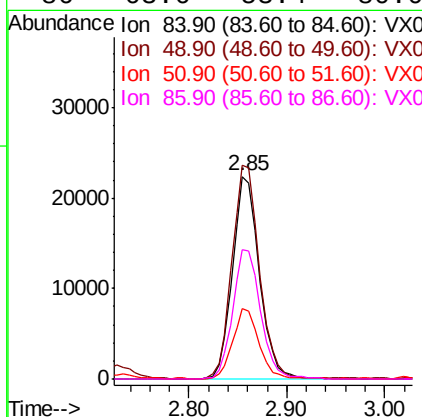
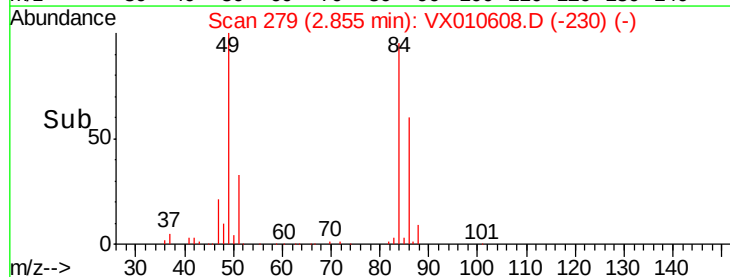
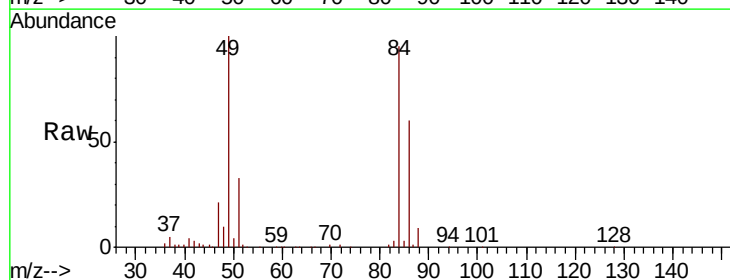
Tot Ion: 73 Resp: 124000
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.4 24.6

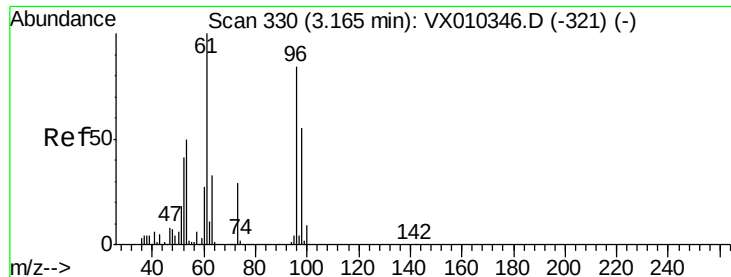


#20

Methylene Chloride
 Concen: 18.582 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 84 Resp: 42803
 Ion Ratio Lower Upper
 84 100
 49 105.1 87.5 131.3
 51 34.2 27.7 41.5
 86 63.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 17.608 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

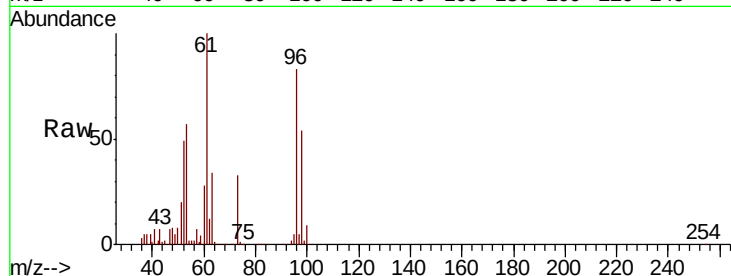
Tot Ion: 96 Resp: 39100

Ion Ratio Lower Upper

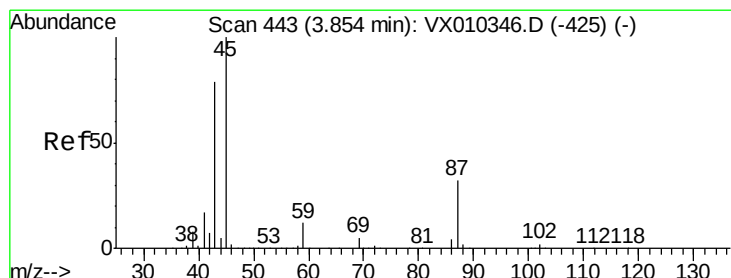
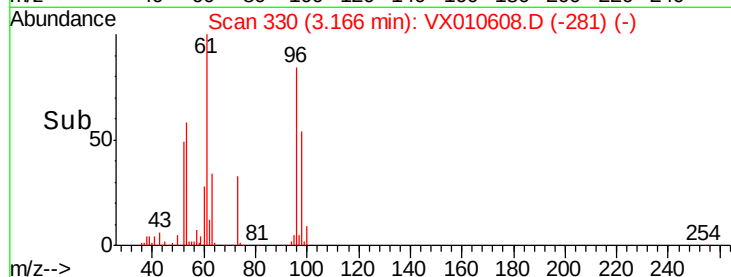
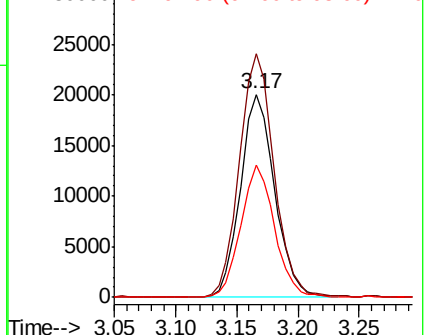
96 100

61 119.8 95.6 143.4

98 64.9 52.5 78.7



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



#22

Diisopropyl ether

Concen: 19.256 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Tgt Ion: 45 Resp: 118014

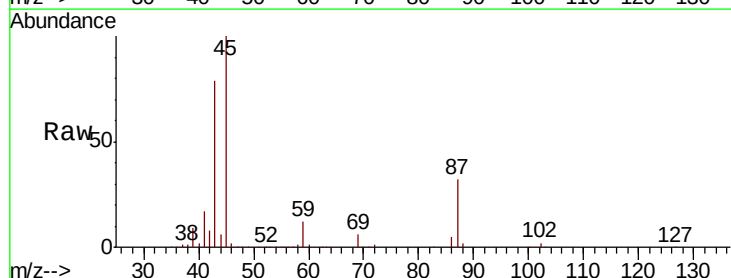
Ion Ratio Lower Upper

45 100

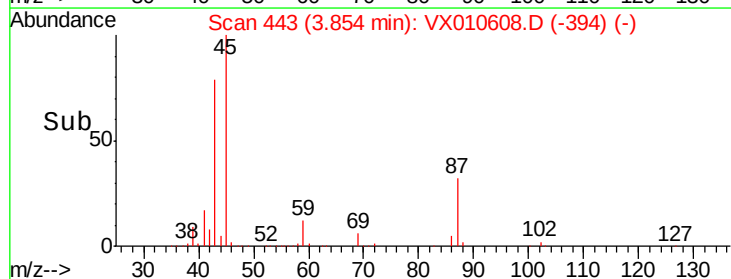
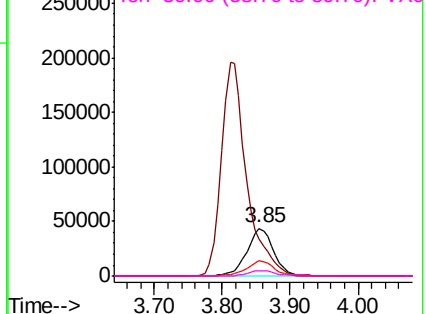
43 78.6 63.3 94.9

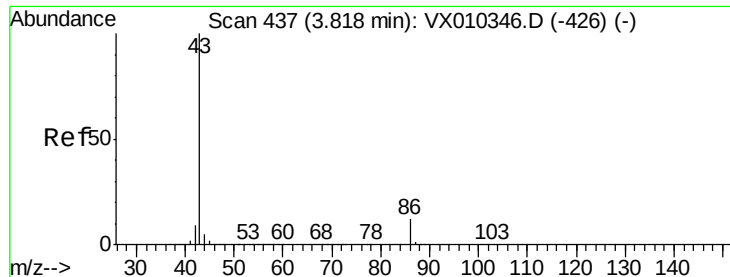
87 31.6 25.8 38.8

59 12.2 9.6 14.4



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





#23

Vinyl Acetate

Concen: 95.646 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

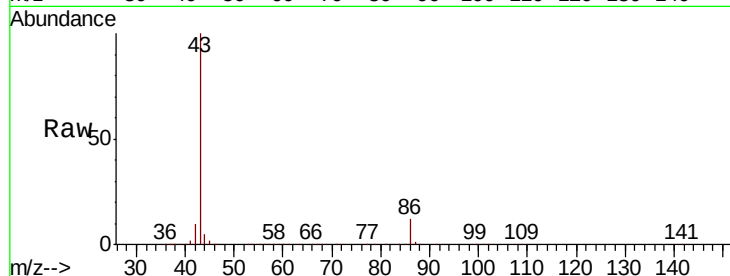
VX0702WBS01

Tot Ion: 43 Resp: 506386

Ion Ratio Lower Upper

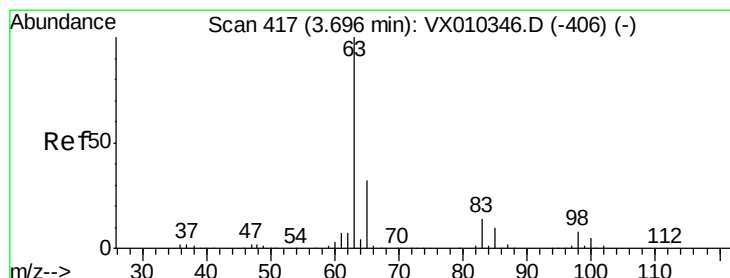
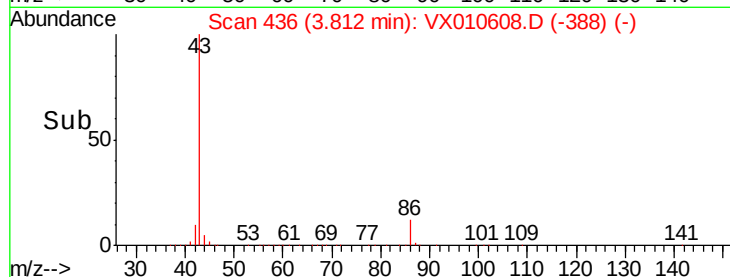
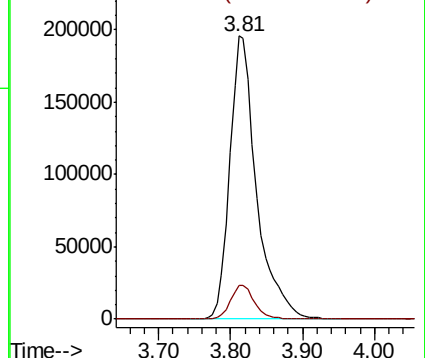
43 100

86 11.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.883 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

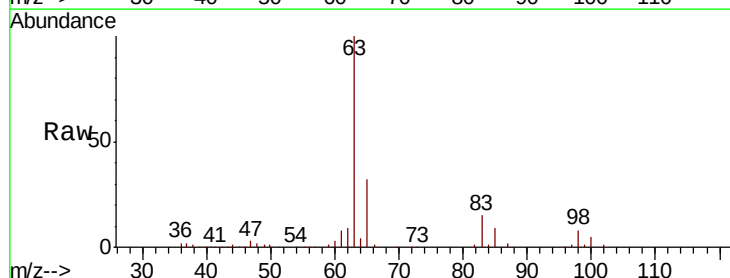
Tgt Ion: 63 Resp: 66894

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

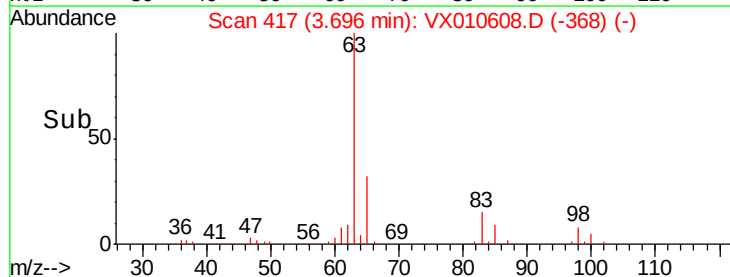
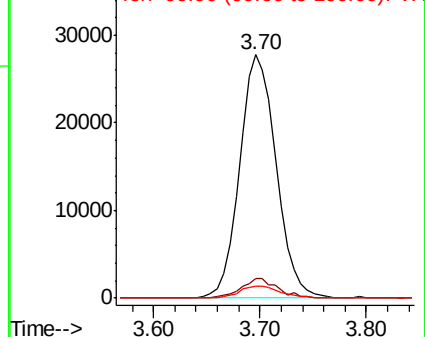
100 5.0 2.4 7.1

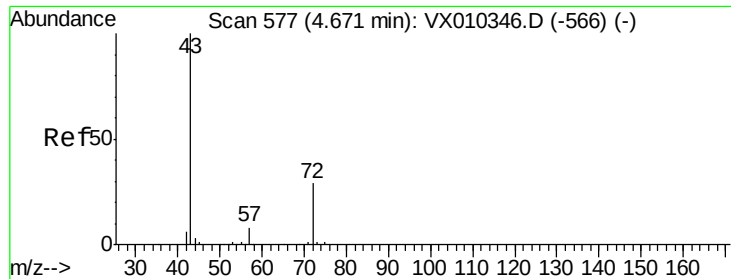


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.542 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

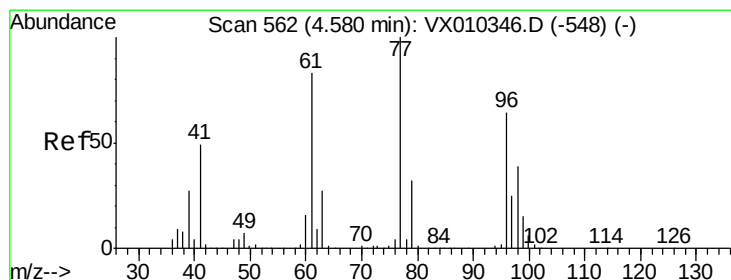
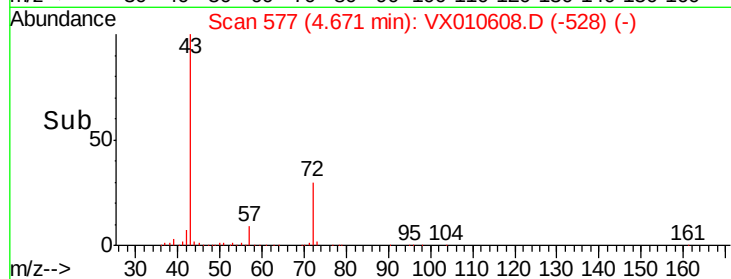
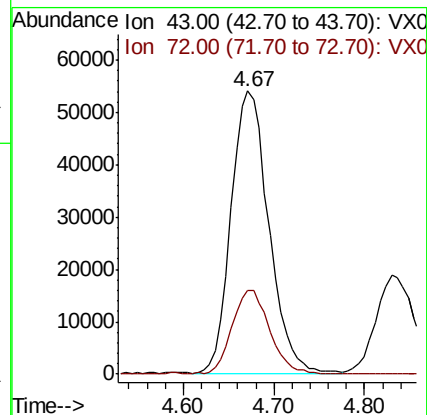
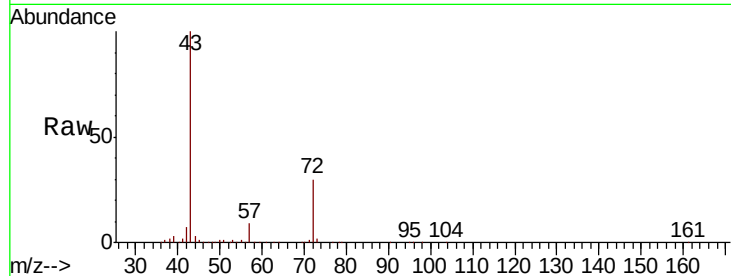
VX0702WBS01

Tot Ion: 43 Resp: 155225

Ion Ratio Lower Upper

43 100

72 29.5 23.3 34.9



#26

2,2-Dichloropropane

Concen: 18.022 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010608.D

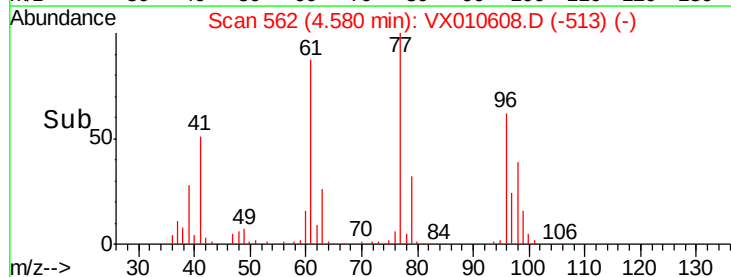
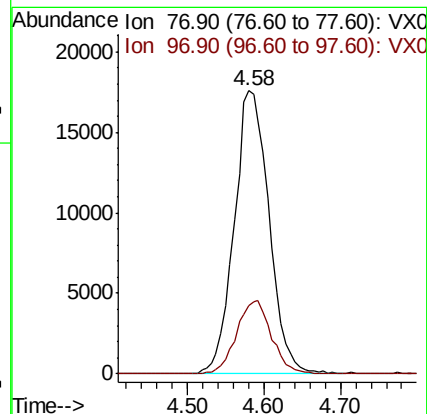
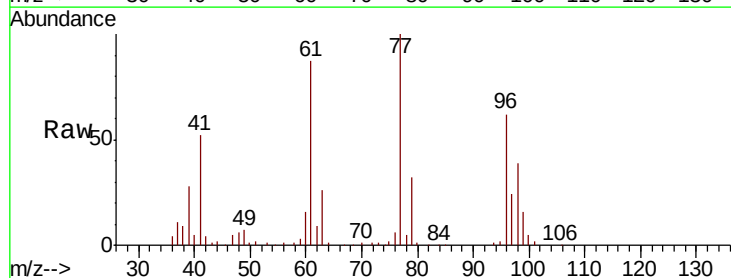
Acq: 02 Jul 2019 11:44

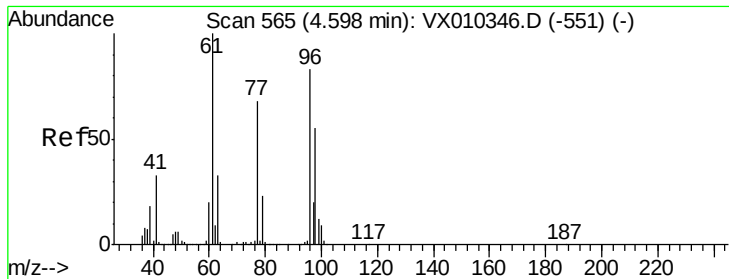
Tgt Ion: 77 Resp: 55459

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3



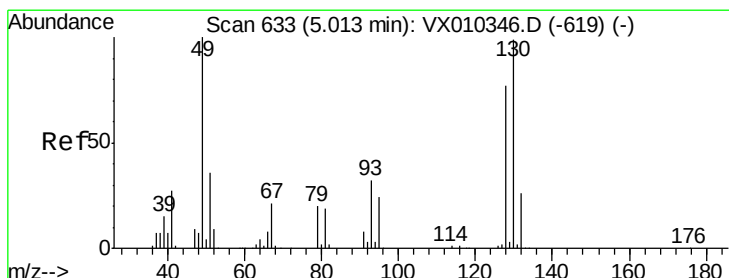
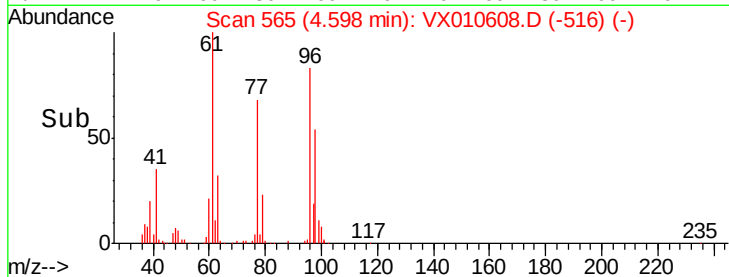
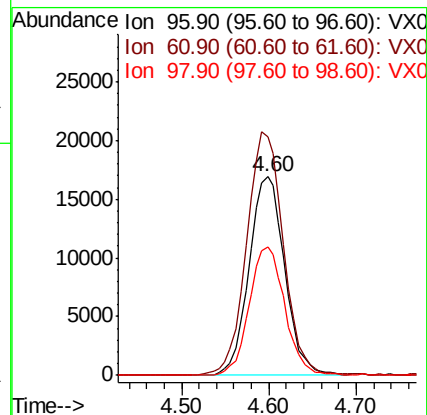
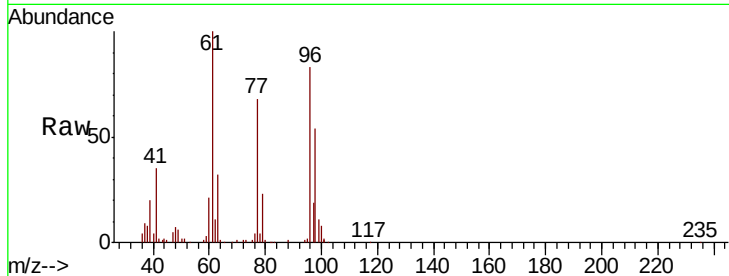


#27

cis-1,2-Dichloroethene
 Concen: 18.661 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX0702WBS01

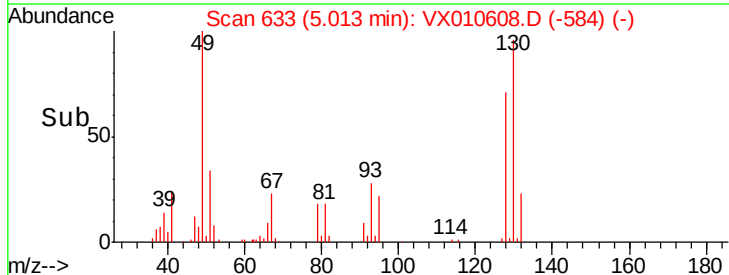
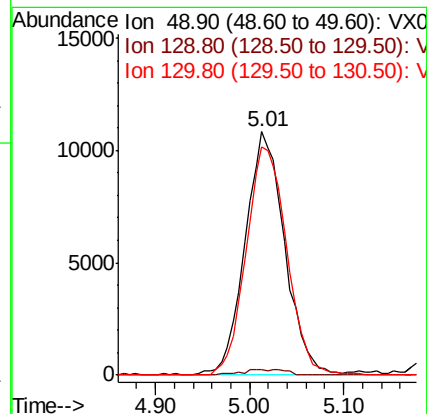
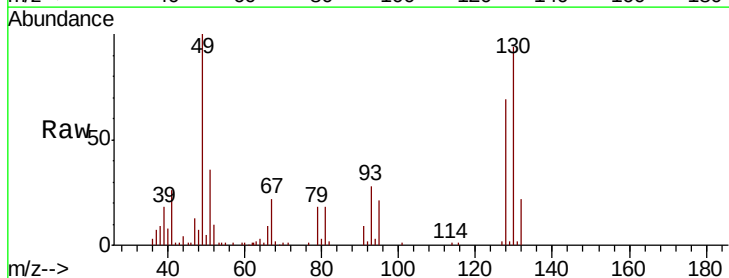
Tot Ion: 96 Resp: 47885
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 251.8
 98 64.5 0.0 129.4

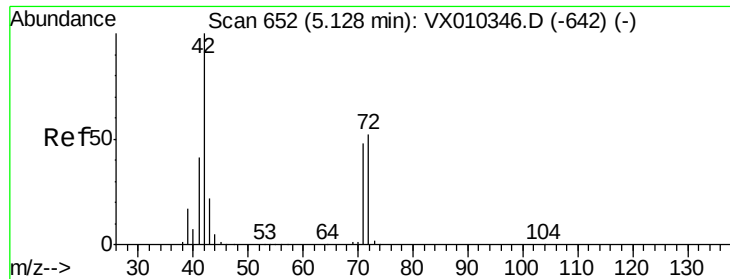


#28

Bromochloromethane
 Concen: 18.838 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 49 Resp: 31907
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 96.2 81.4 122.0

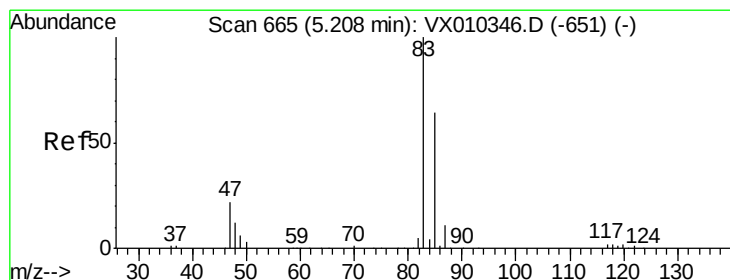
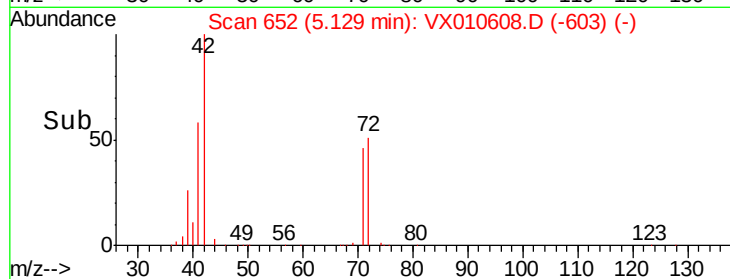
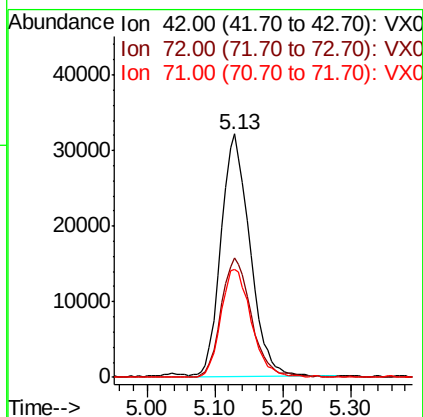
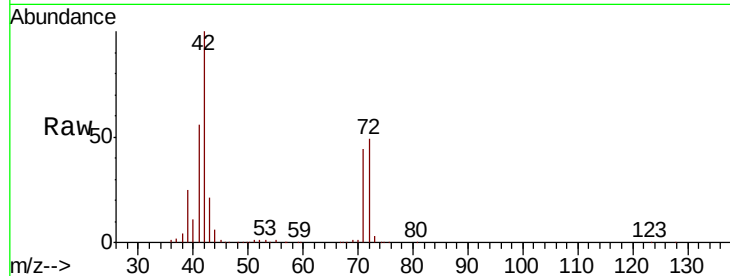




#29
Tetrahydrofuran
Concen: 93.284 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

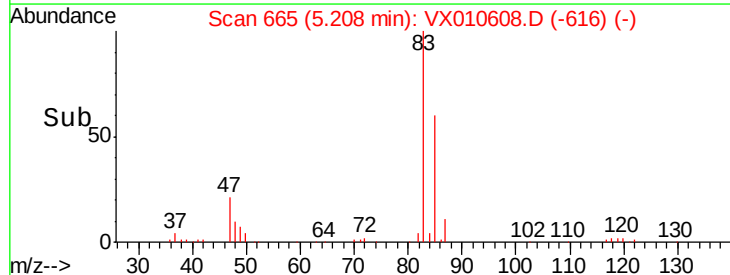
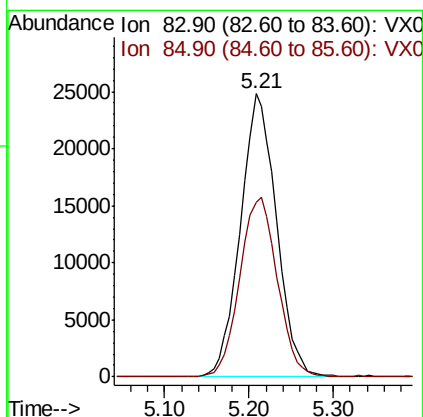
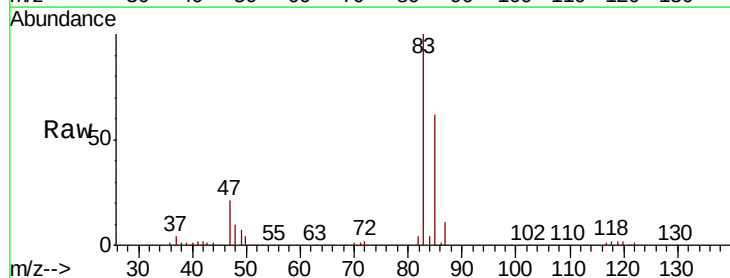
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

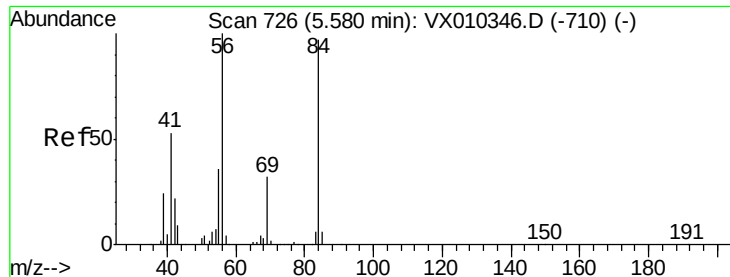
Tot Ion: 42 Resp: 94868
Ion Ratio Lower Upper
42 100
72 51.4 40.6 60.8
71 46.5 37.8 56.8



#30
Chloroform
Concen: 18.833 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 83 Resp: 71784
Ion Ratio Lower Upper
83 100
85 61.6 50.9 76.3





#31

Cyclohexane

Concen: 17.815 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

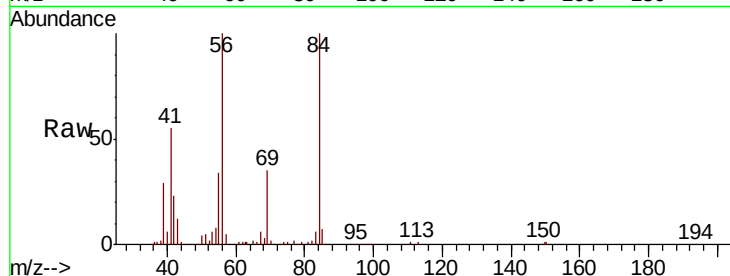
Tot Ion: 56 Resp: 57469

Ion Ratio Lower Upper

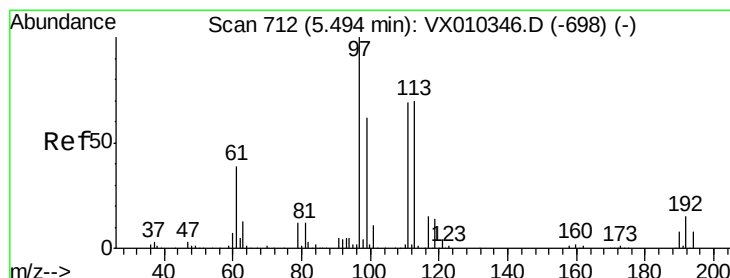
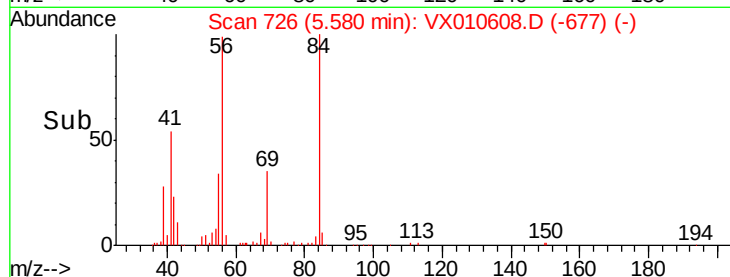
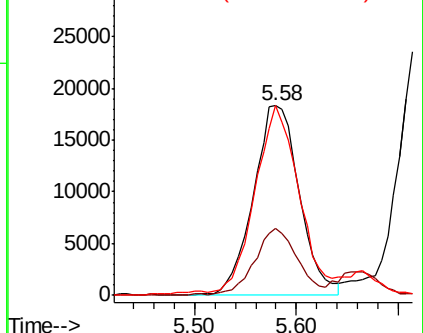
56 100

69 35.2 25.9 38.9

84 98.7 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 18.397 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

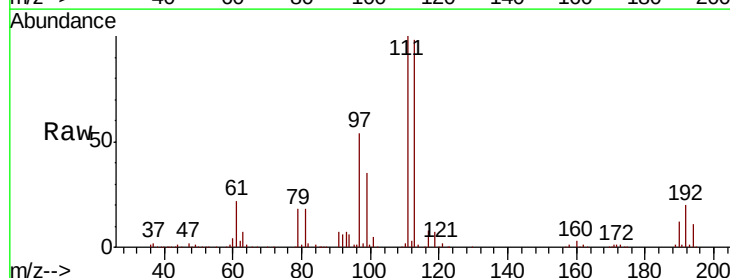
Tgt Ion: 97 Resp: 61917

Ion Ratio Lower Upper

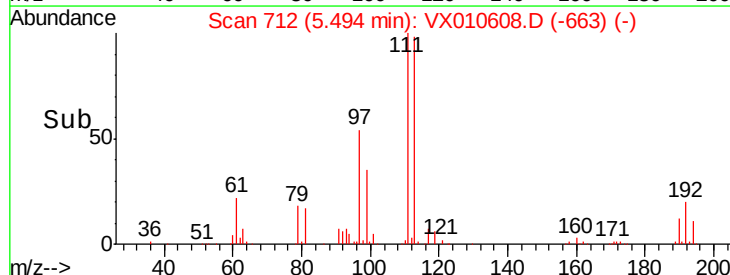
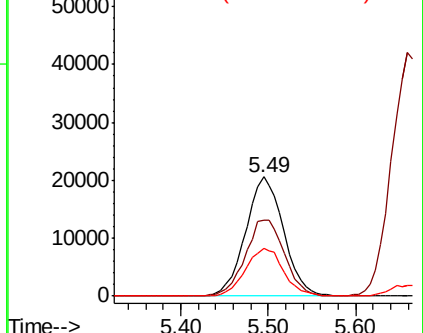
97 100

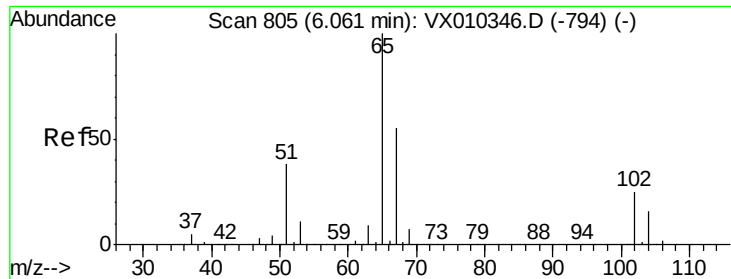
99 65.9 51.8 77.8

61 40.7 32.1 48.1



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

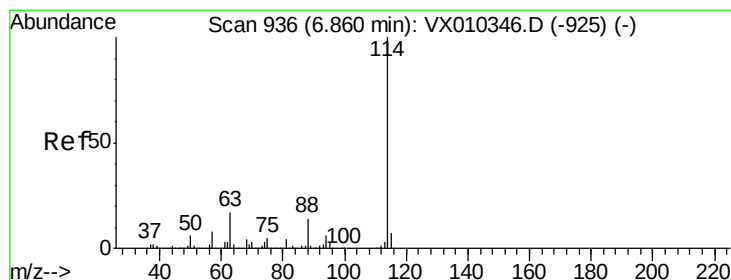
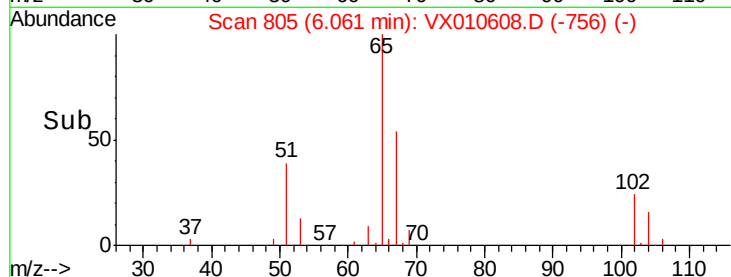
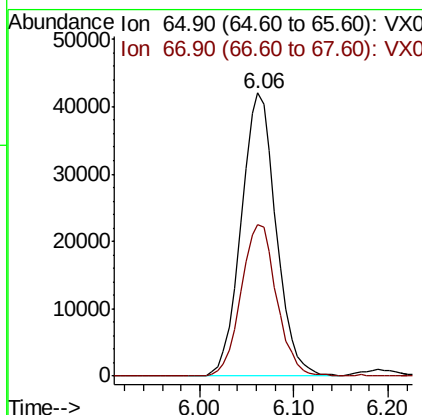
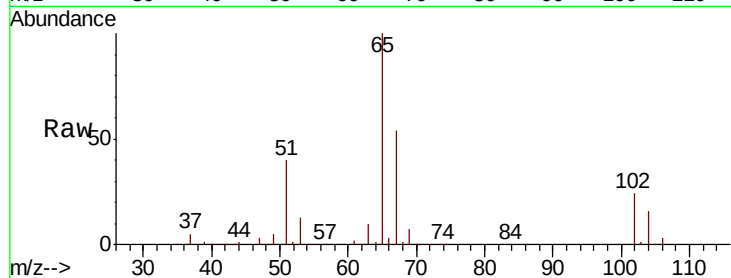




#33
 1,2-Dichloroethane-d4
 Concen: 48.889 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

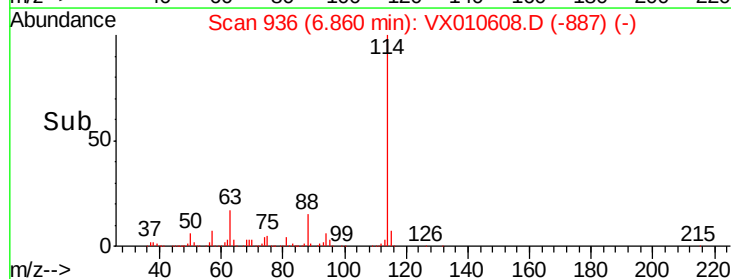
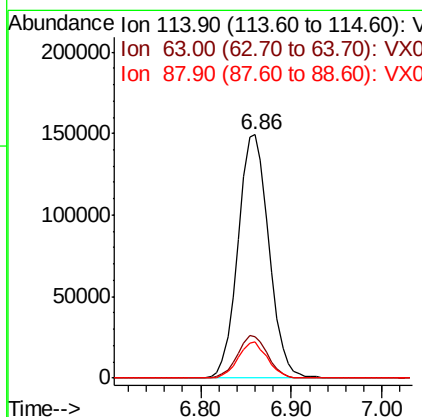
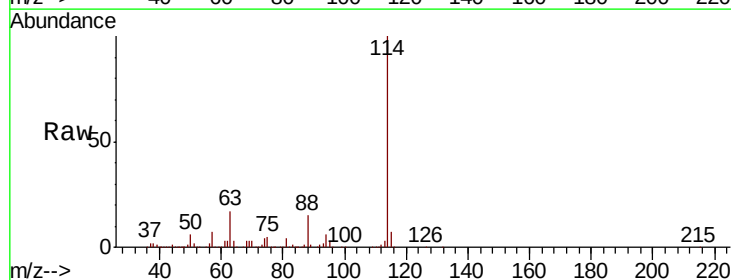
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

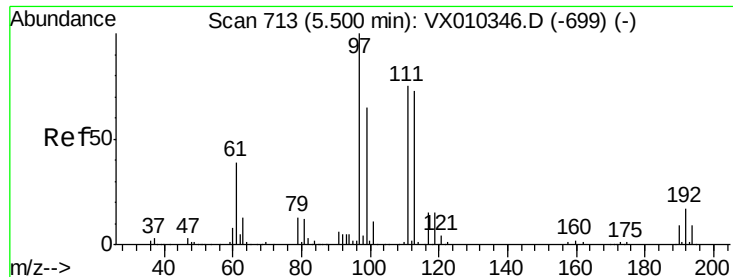
Tot Ion: 65 Resp: 109187
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 114 Resp: 353698
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.7 0.0 27.6

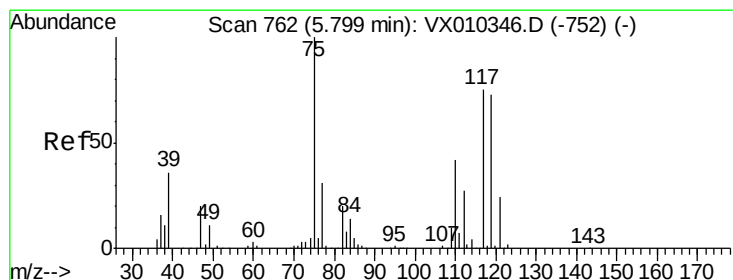
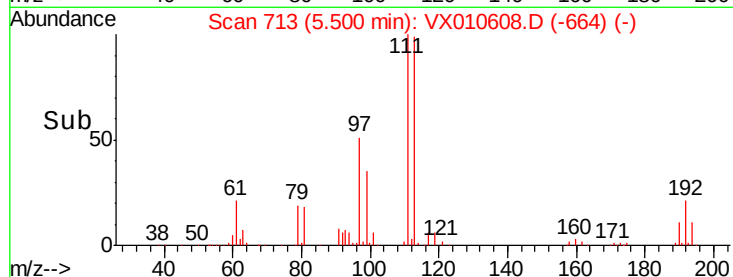
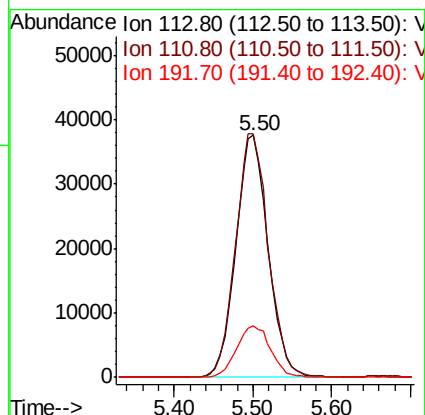
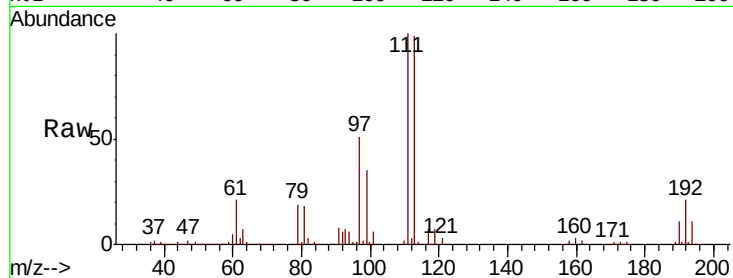




#35
 Dibromofluoromethane
 Concen: 49.277 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

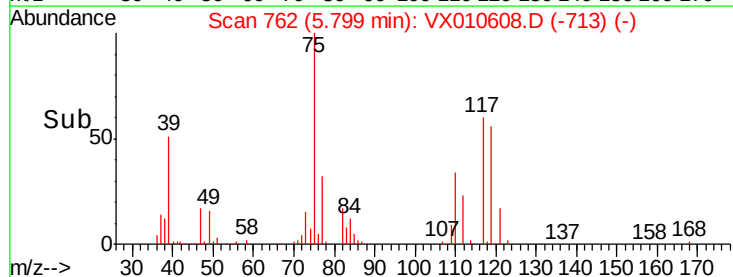
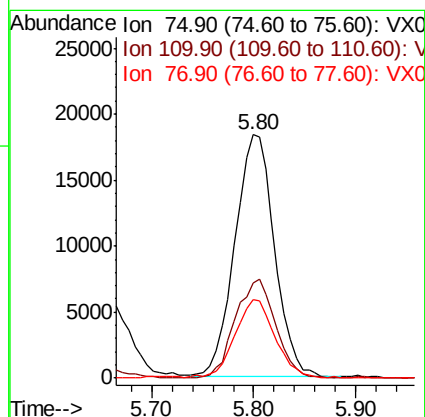
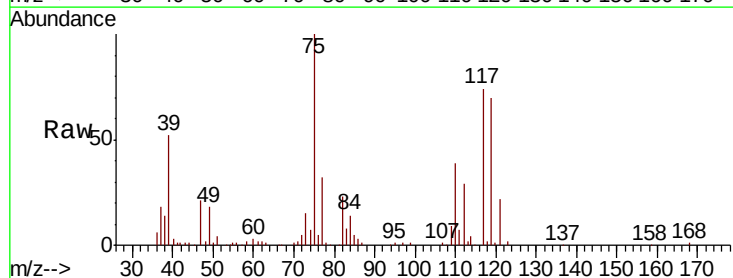
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

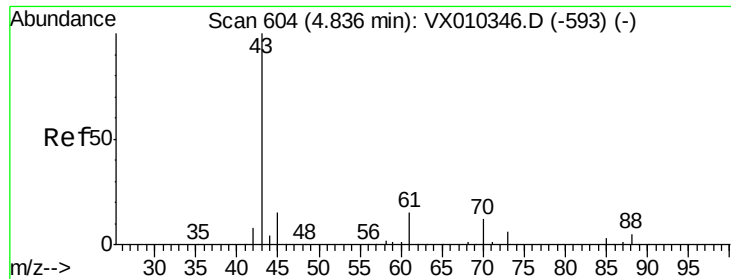
Tot Ion:113 Resp: 106637
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 22.4 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 17.617 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 75 Resp: 49517
 Ion Ratio Lower Upper
 75 100
 110 41.5 20.8 62.2
 77 32.8 25.4 38.0

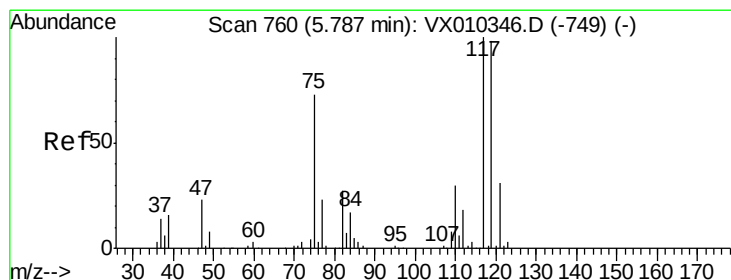
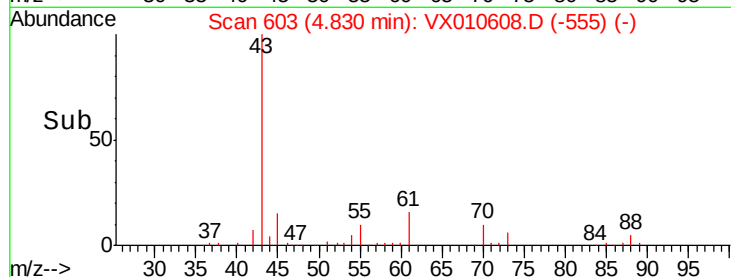
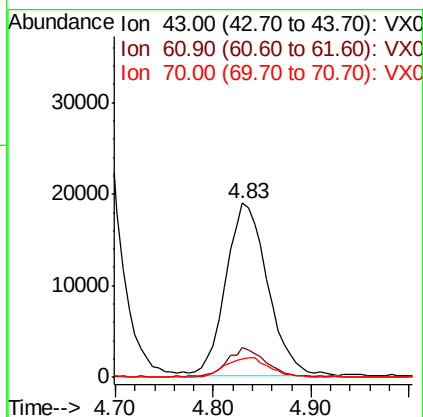
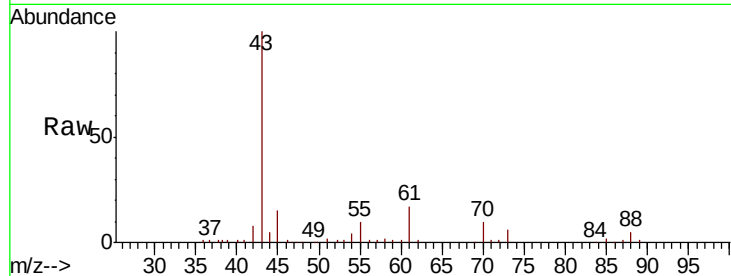




#37
Ethyl Acetate
Concen: 19.179 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

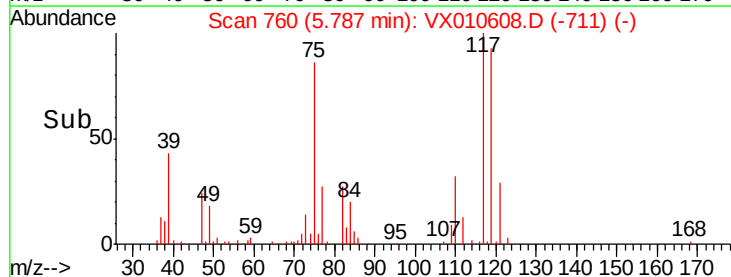
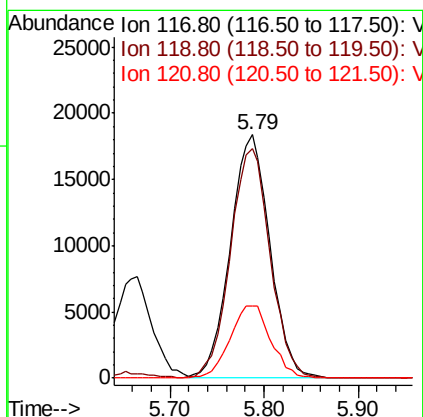
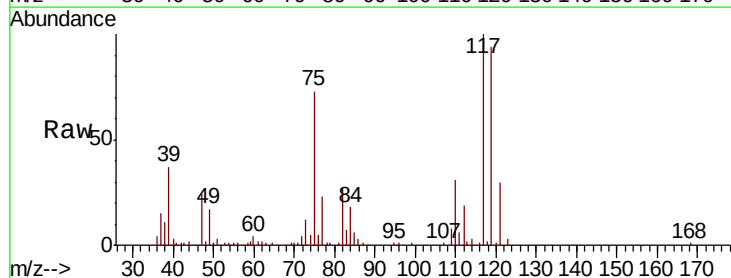
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

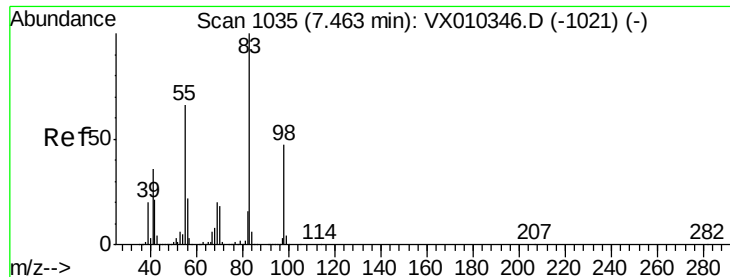
Tot Ion: 43 Resp: 55455
Ion Ratio Lower Upper
43 100
61 16.7 12.4 18.6
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 17.672 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 117 Resp: 53785
Ion Ratio Lower Upper
117 100
119 94.4 78.2 117.4
121 29.6 24.7 37.1

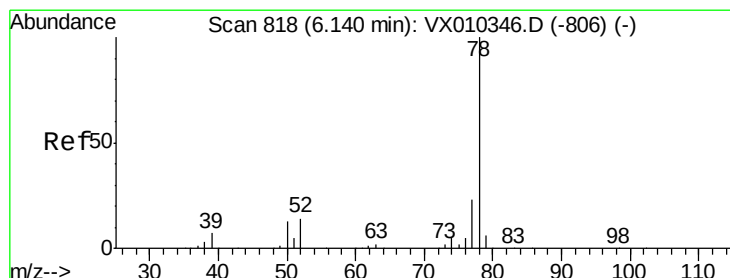
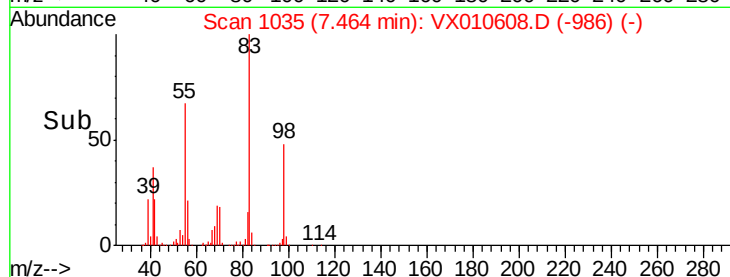
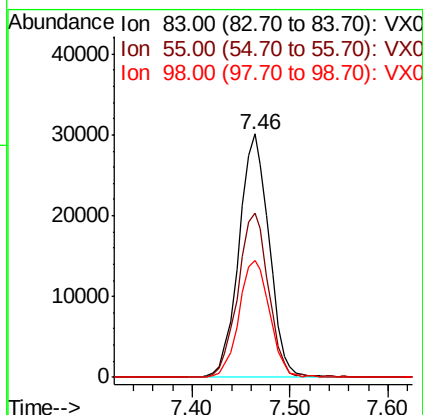
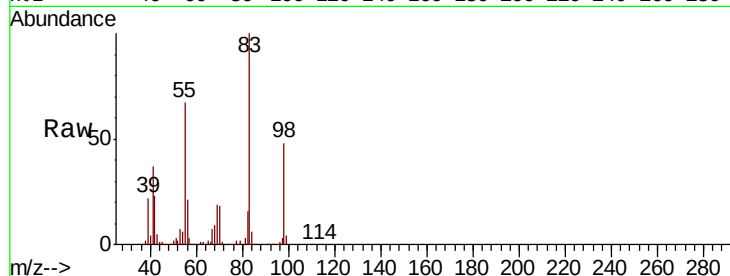




#39
Methylvlcyclohexane
Concen: 17.393 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

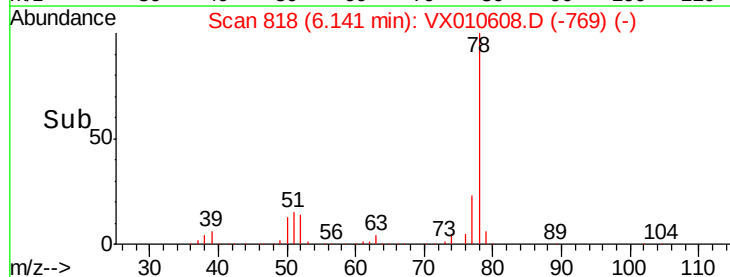
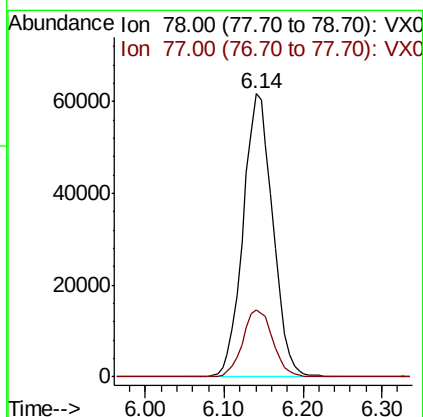
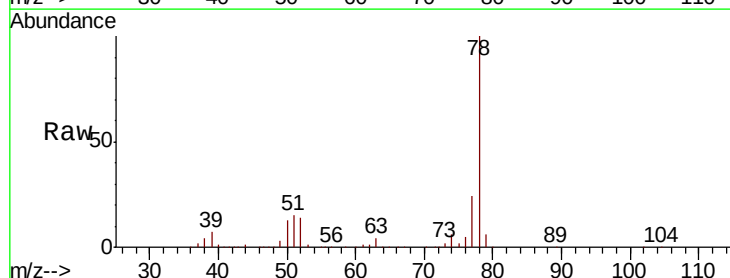
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

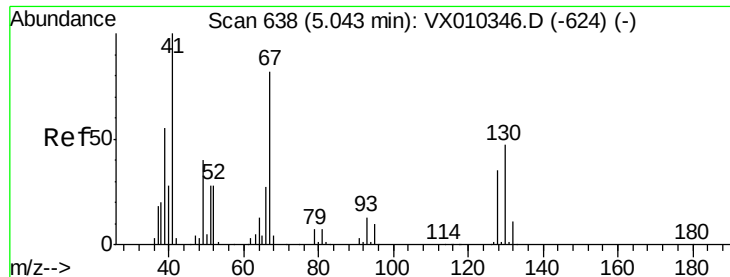
Tot Ion: 83 Resp: 64259
Ion Ratio Lower Upper
83 100
55 66.9 53.0 79.6
98 47.8 37.8 56.8



#40
Benzene
Concen: 18.420 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 78 Resp: 161296
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

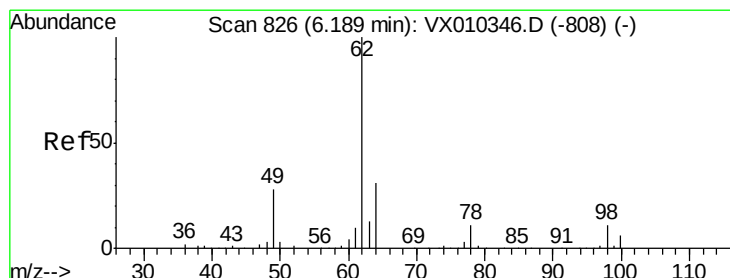
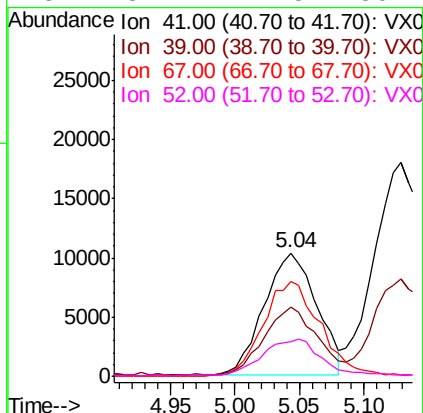
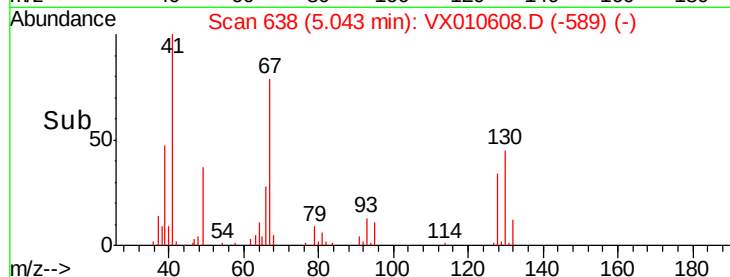
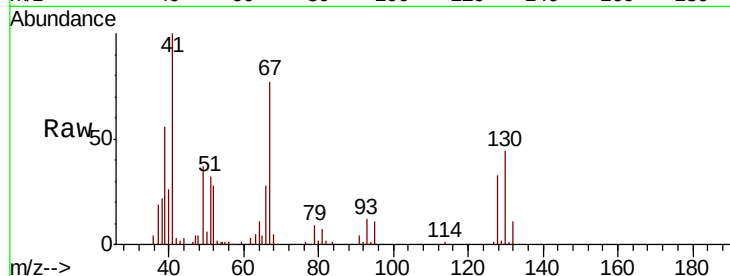




#41
Methacrylonitrile
Concen: 18.644 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

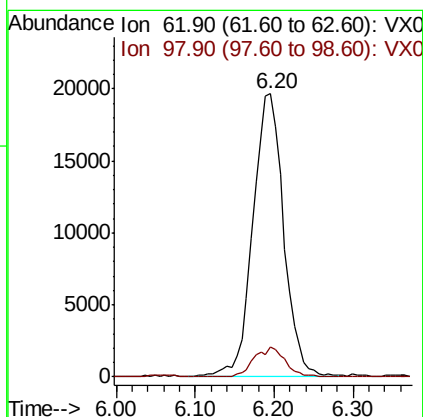
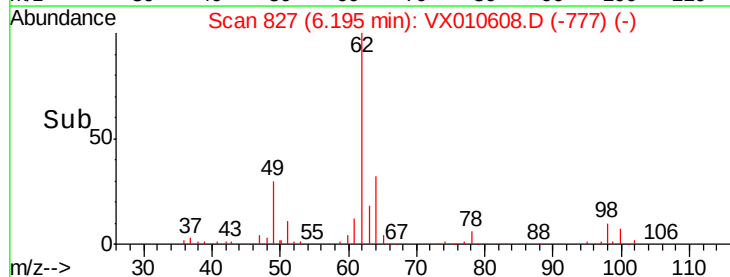
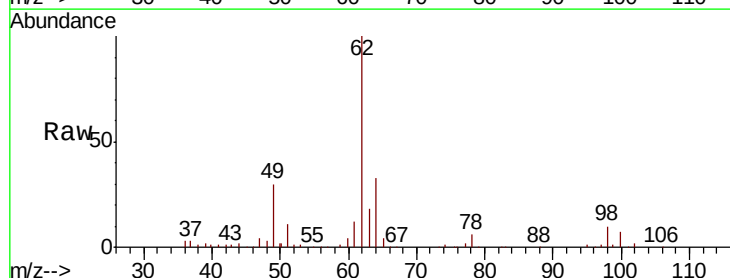
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

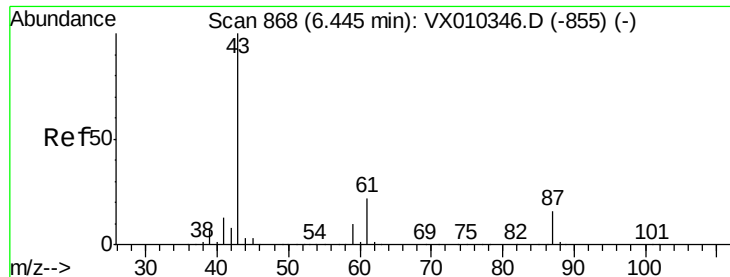
Tot Ion:	41	Resp:	29579
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.8	65.8
67	83.8	66.6	100.0
52	32.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.132 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion:	62	Resp:	53662
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	22.2





#43

Isopropyl Acetate

Concen: 18.759 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

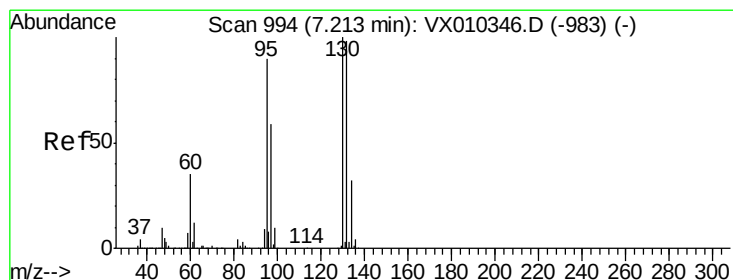
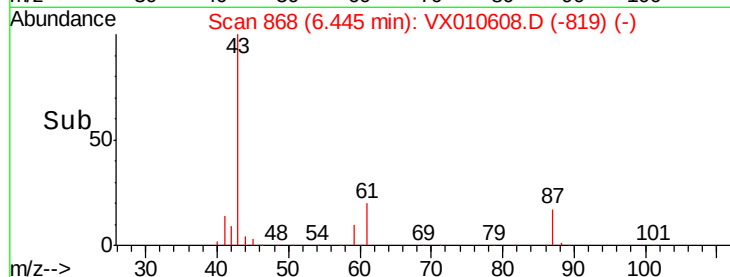
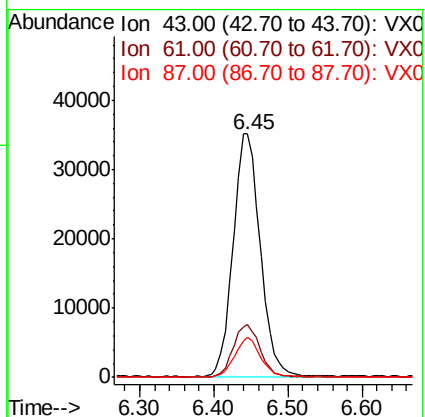
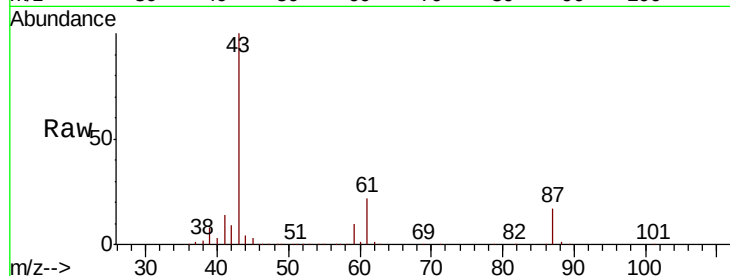
Tot Ion: 43 Resp: 89744

Ion Ratio Lower Upper

43 100

61 21.7 17.8 26.6

87 16.1 13.0 19.4



#44

Trichloroethene

Concen: 18.295 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010608.D

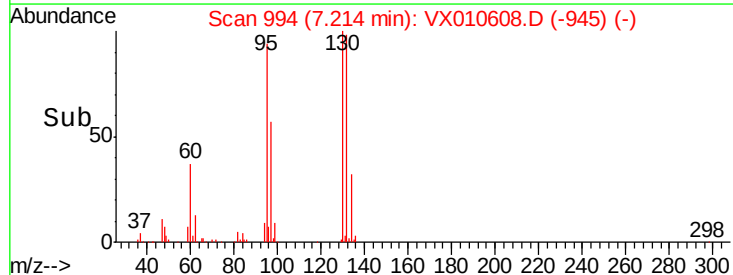
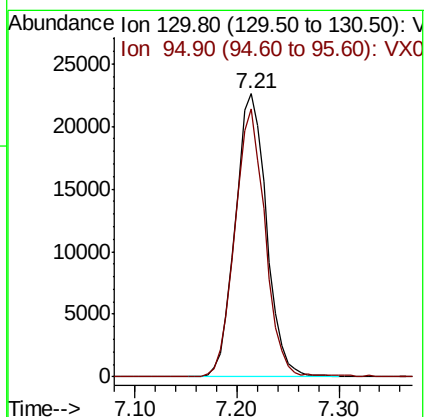
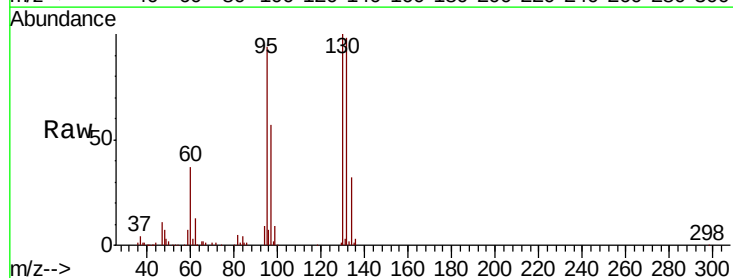
Acq: 02 Jul 2019 11:44

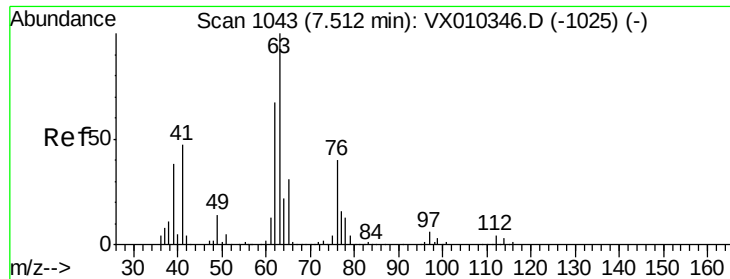
Tgt Ion:130 Resp: 47937

Ion Ratio Lower Upper

130 100

95 94.5 0.0 180.8

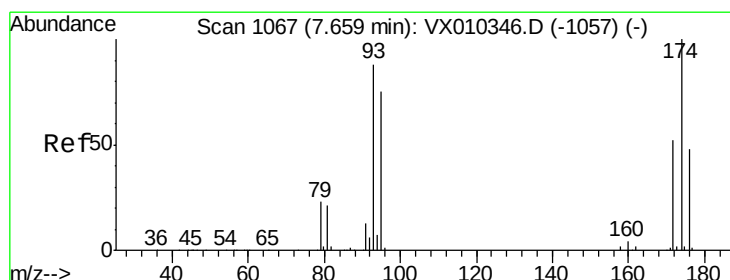
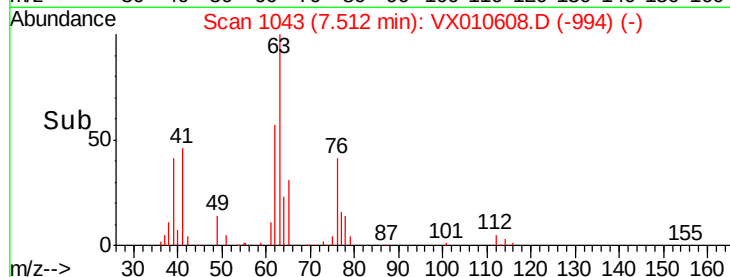
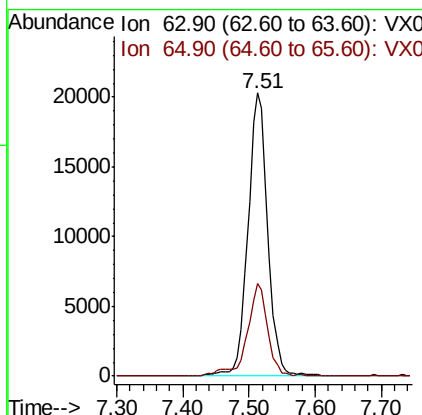
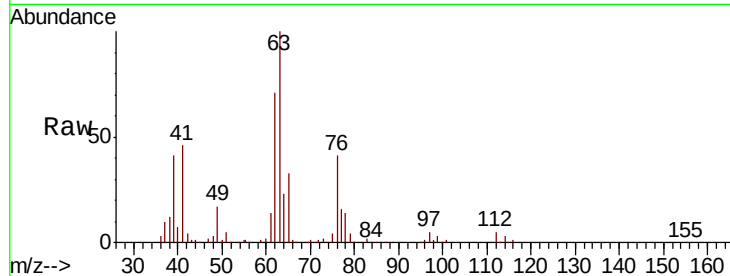




#45
 1,2-Dichloropropane
 Concen: 19.207 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

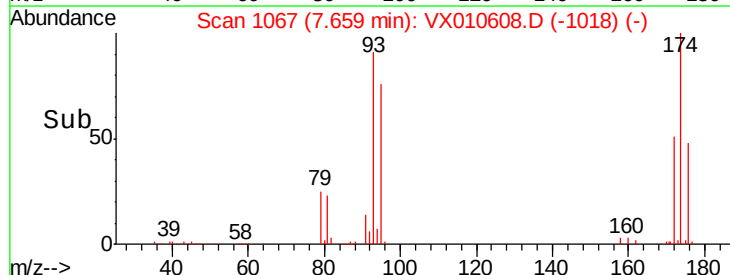
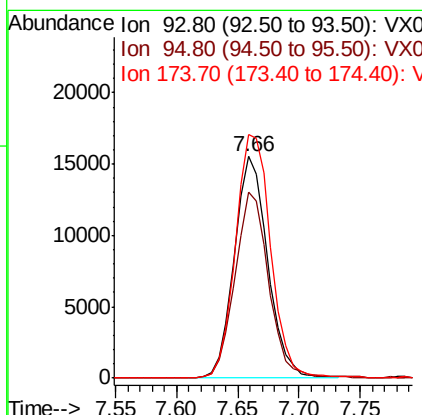
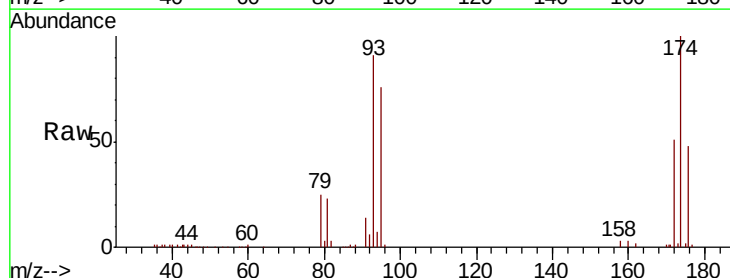
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

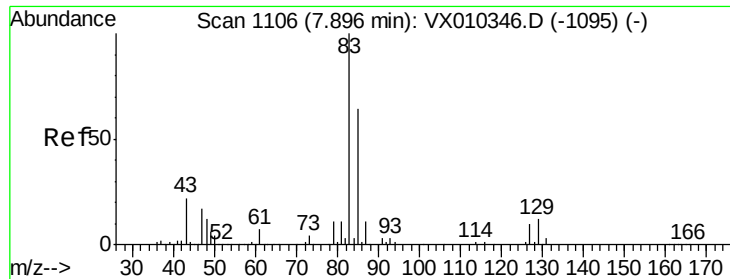
Tot Ion: 63 Resp: 42473
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.8 37.2



#46
 Dibromomethane
 Concen: 18.583 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 93 Resp: 29482
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.5 101.3
 174 115.6 95.8 143.6





#47

Bromodichloromethane

Concen: 18.246 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

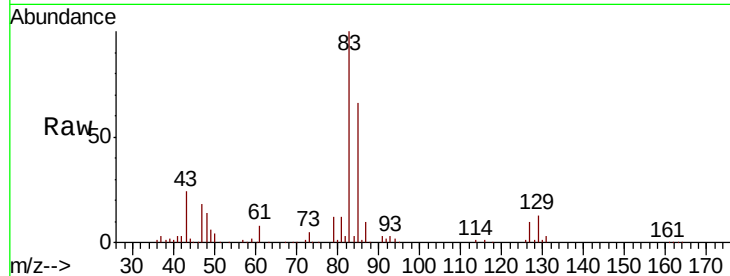
Tot Ion: 83 Resp: 53051

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

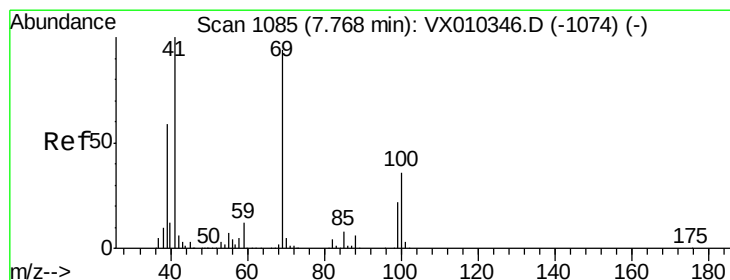
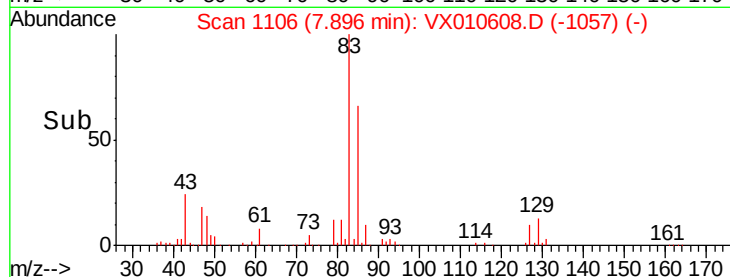
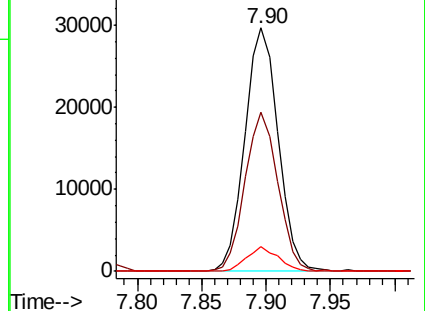
127 10.0 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.820 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

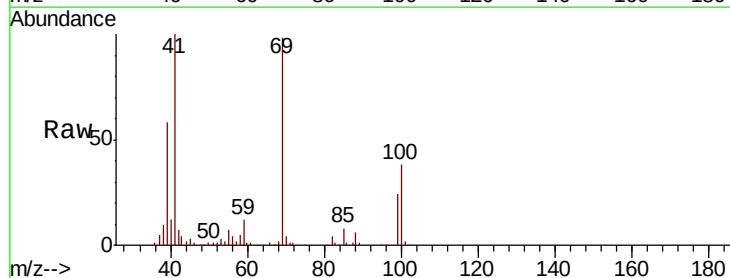
Tgt Ion: 41 Resp: 41849

Ion Ratio Lower Upper

41 100

69 94.6 76.1 114.1

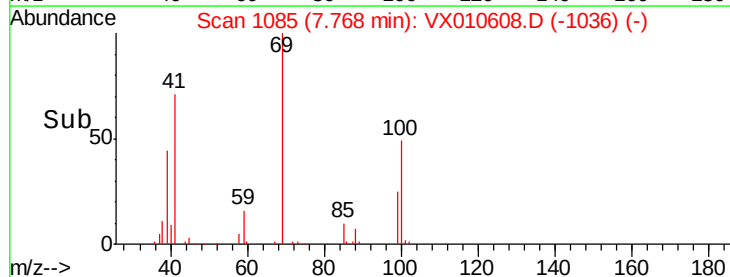
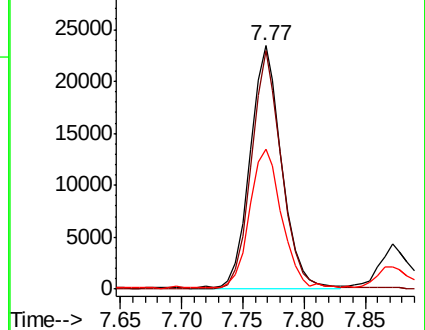
39 58.4 47.6 71.4

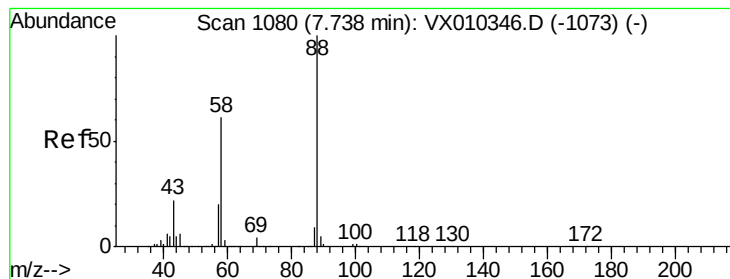


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

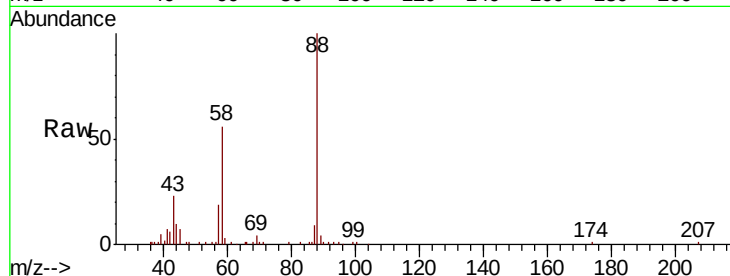




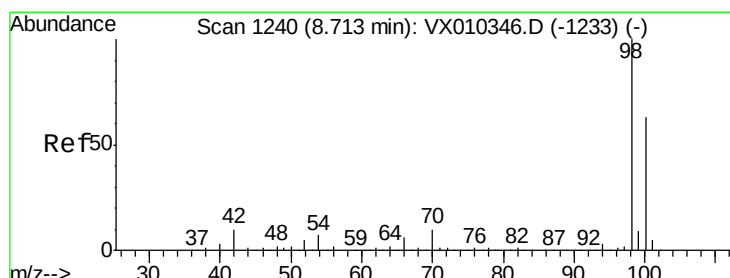
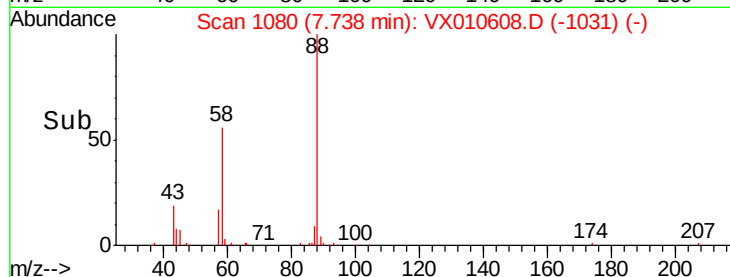
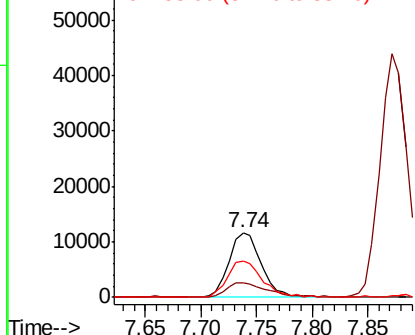
#49
 1,4-Dioxane
 Concen: 366.467 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Tot Ion: 88 Resp: 23475
 Ion Ratio Lower Upper
 88 100
 43 26.8 20.2 30.2
 58 58.0 49.5 74.3

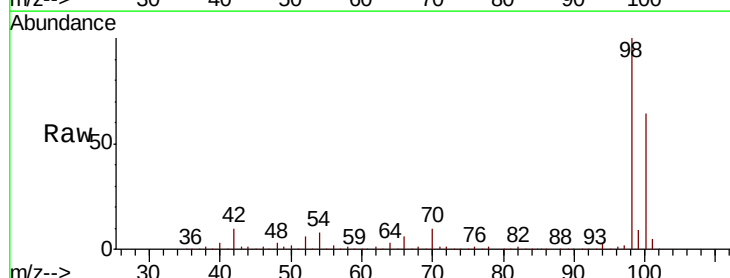


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

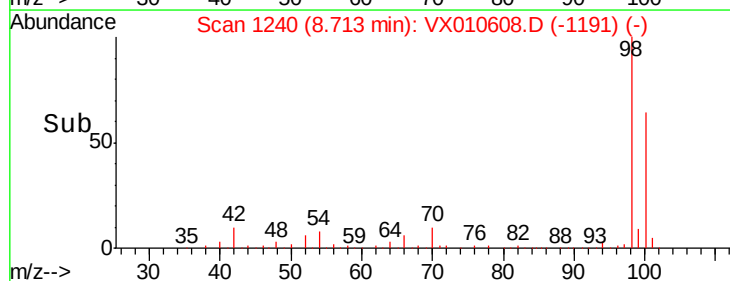
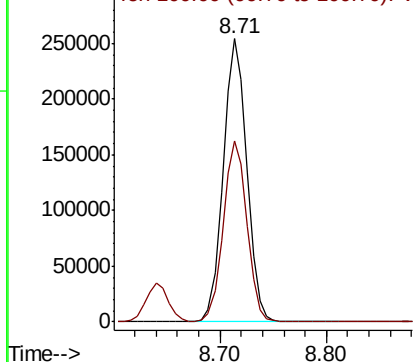


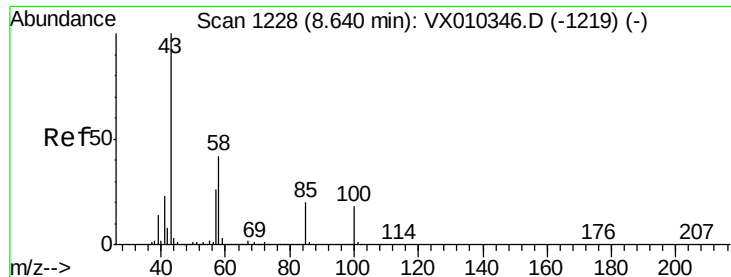
#50
 Toluene-d8
 Concen: 47.479 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 98 Resp: 393093
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.6 77.4



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

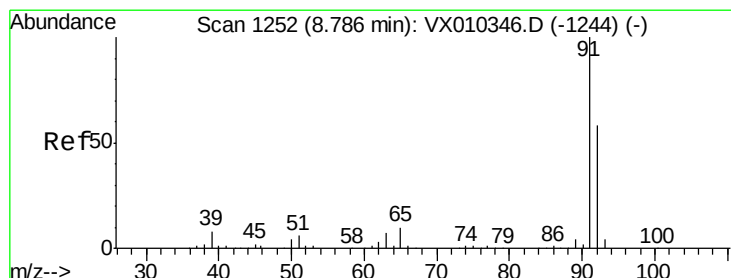
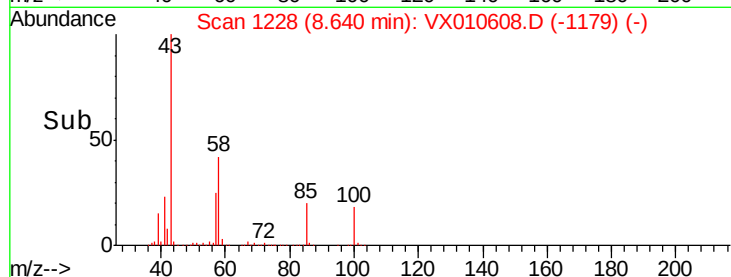
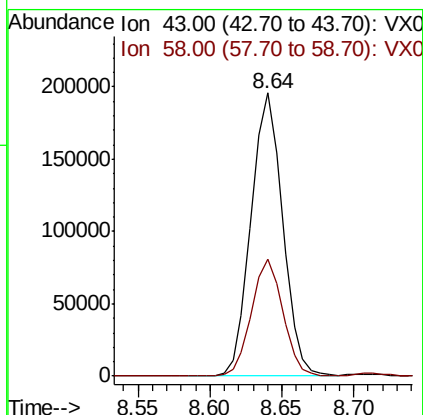
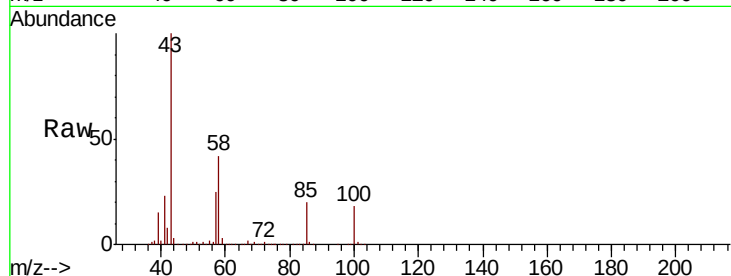




#51
 4-Methyl-2-Pentanone
 Concen: 96.957 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

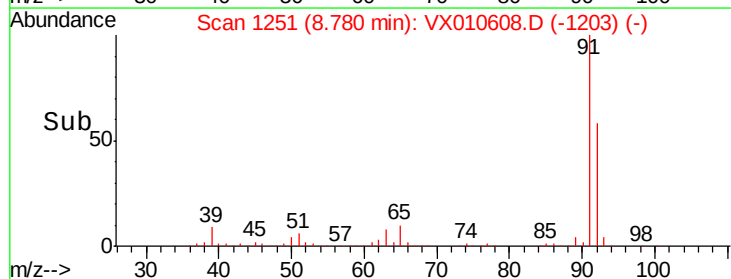
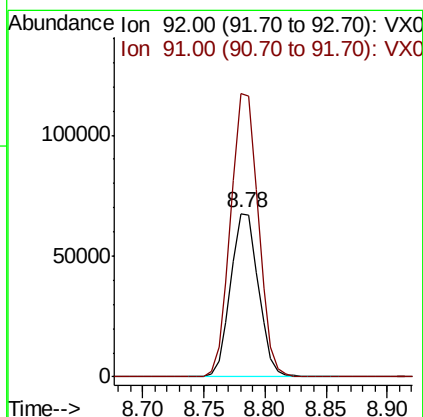
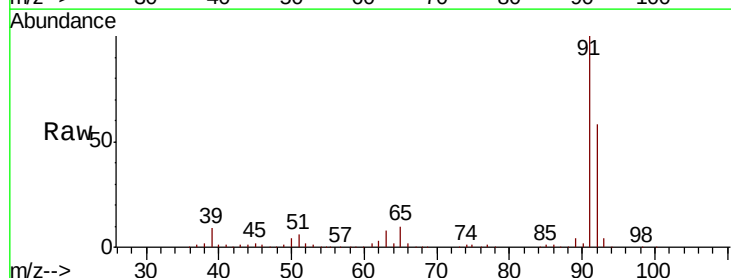
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

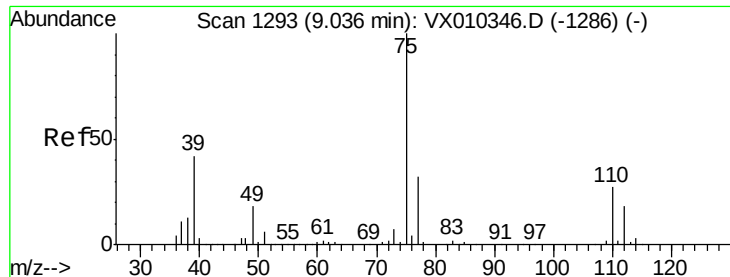
Tot Ion: 43 Resp: 296653
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 18.415 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 92 Resp: 106193
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.187 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

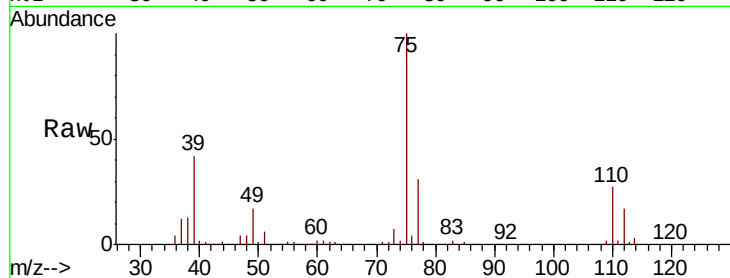
VX0702WBS01

Tot Ion: 75 Resp: 56024

Ion Ratio Lower Upper

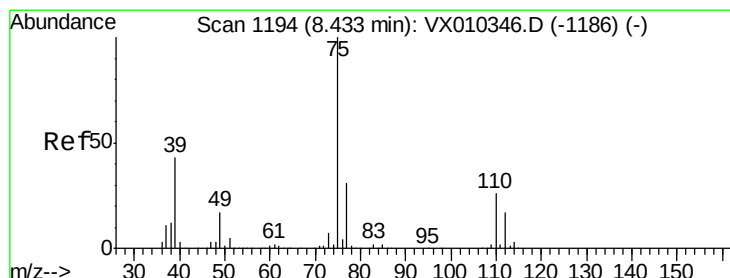
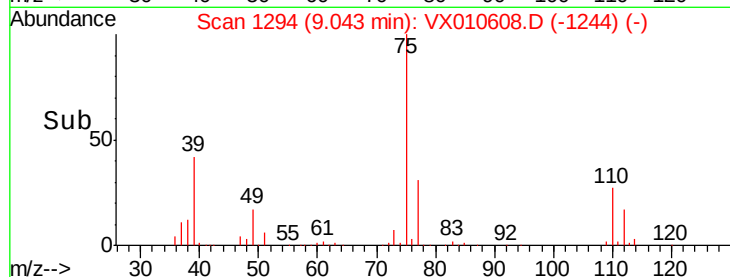
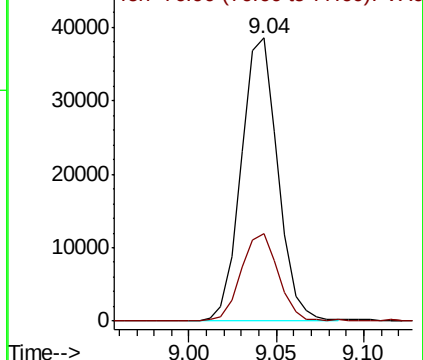
75 100

77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.998 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

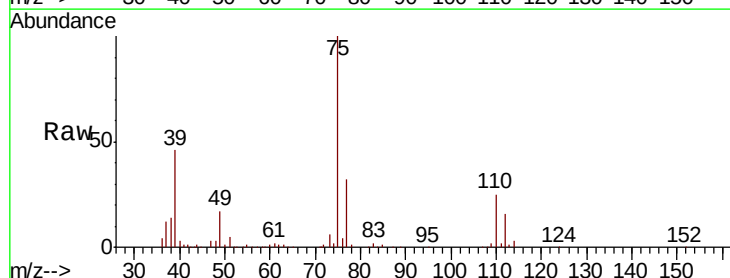
Tgt Ion: 75 Resp: 63757

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

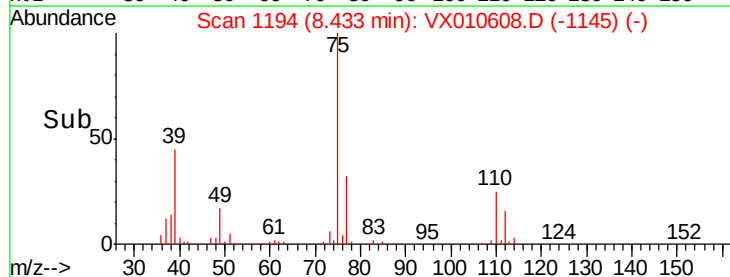
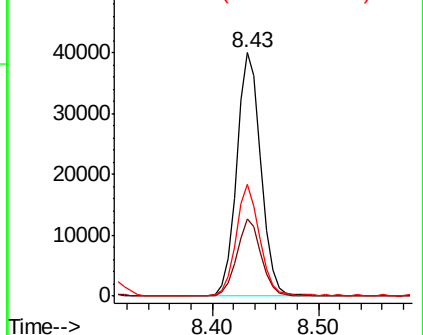
39 45.3 34.5 51.7

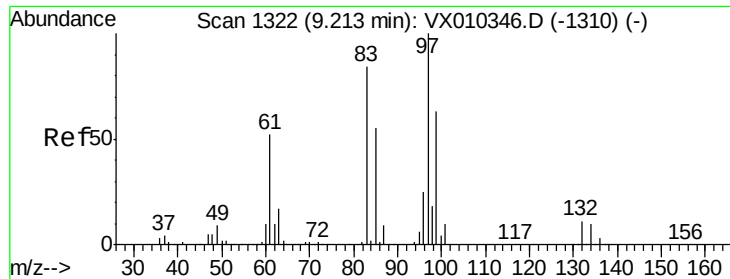


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.161 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

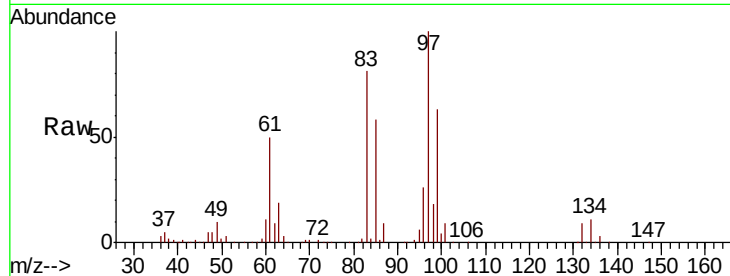
MSVOA_X

ClientSampleId :

VX0702WBS01

Tot Ion: 97 Resp: 45570

Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.4	101.0
85	58.0	43.8	65.8
99	63.0	50.3	75.5



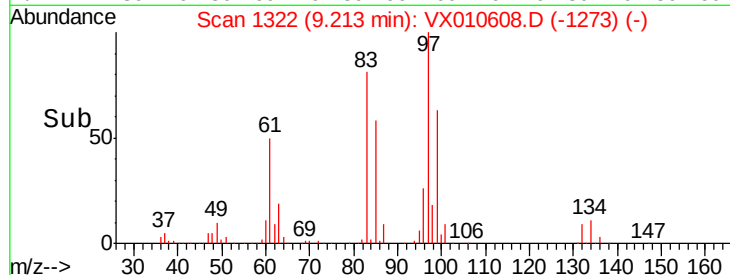
Abundance

Ion 96.90 (96.60 to 97.60): VX0

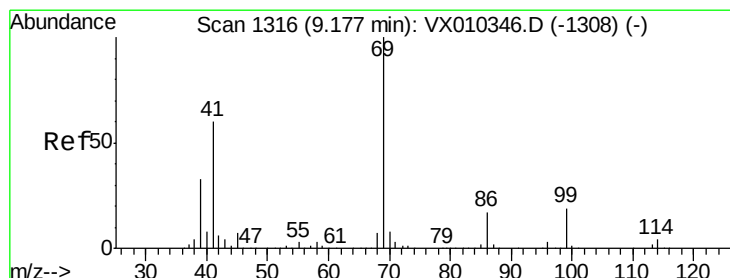
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 18.153 ug/l

RT: 9.18 min Scan# 1316

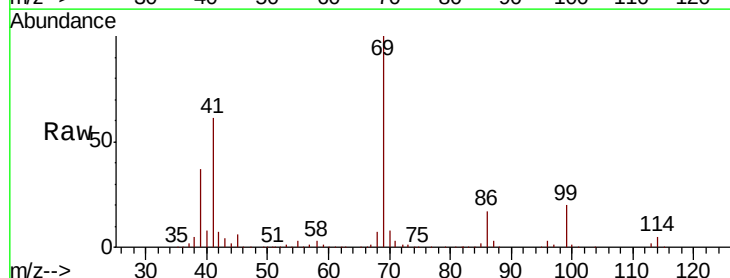
Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Tgt Ion: 69 Resp: 65401

Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.1	70.7
39	36.2	26.6	40.0

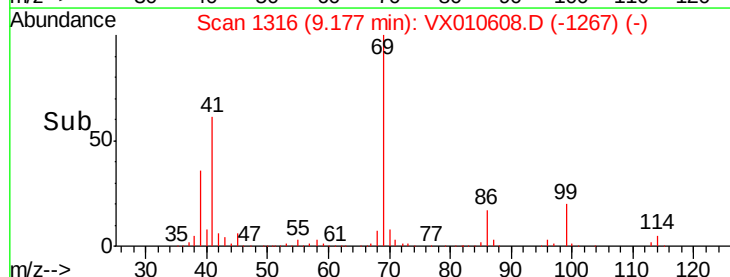


Abundance

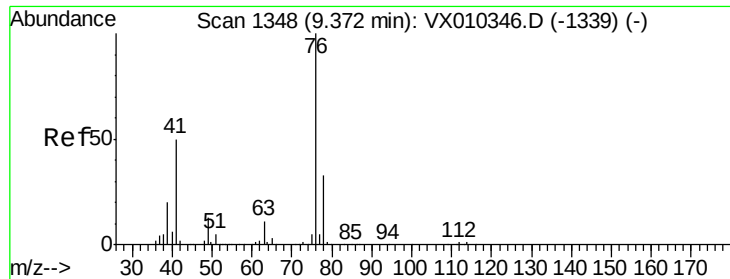
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#57

1,3-Dichloropropane

Concen: 19.132 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

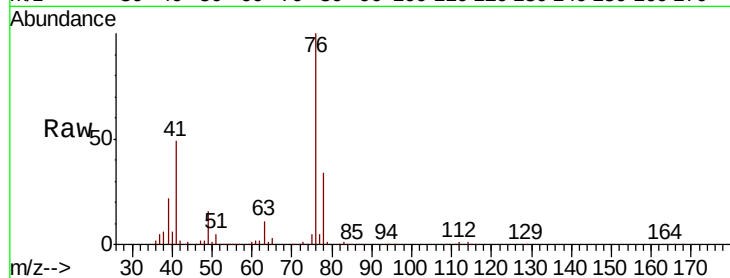
VX0702WBS01

Tot Ion: 76 Resp: 70631

Ion Ratio Lower Upper

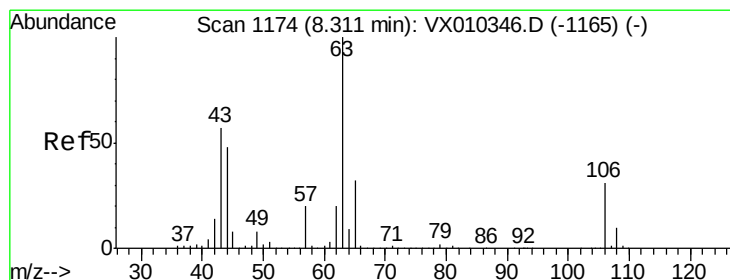
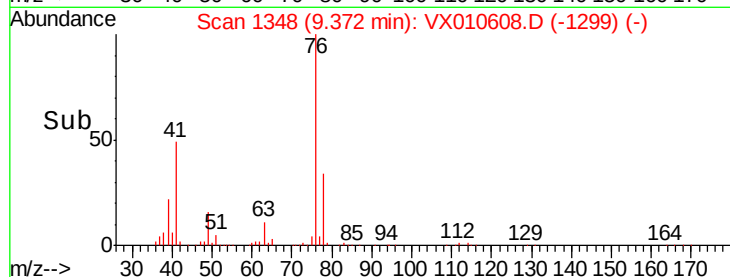
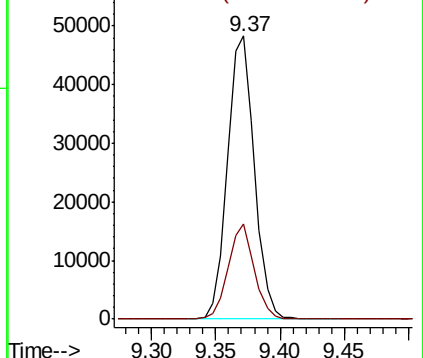
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.146 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010608.D

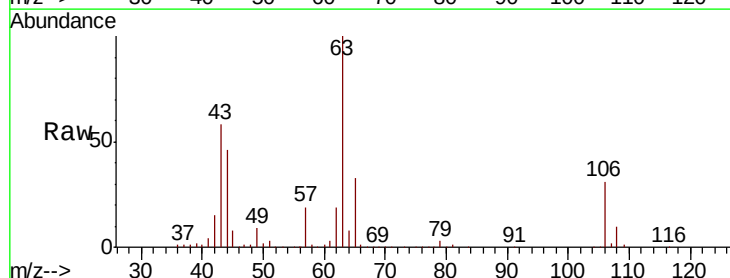
Acq: 02 Jul 2019 11:44

Tgt Ion: 63 Resp: 162797

Ion Ratio Lower Upper

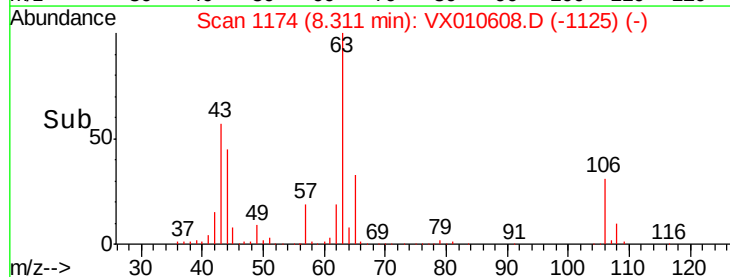
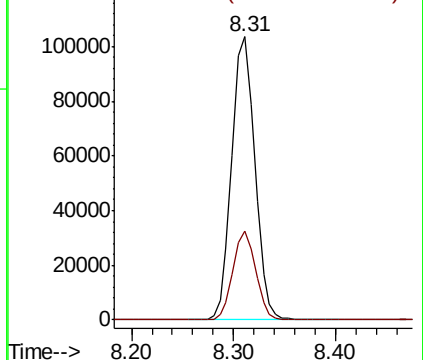
63 100

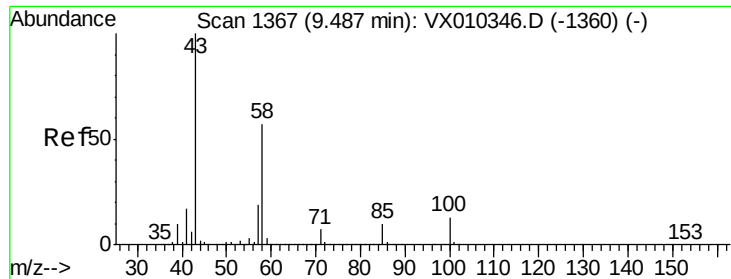
106 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

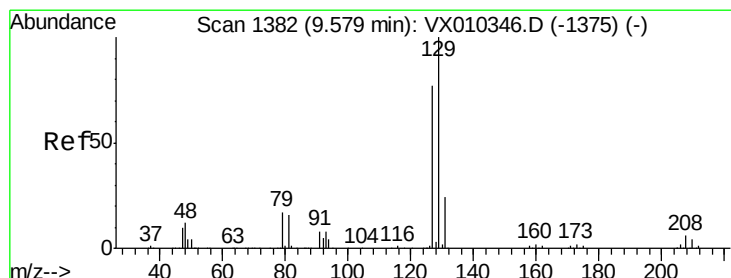
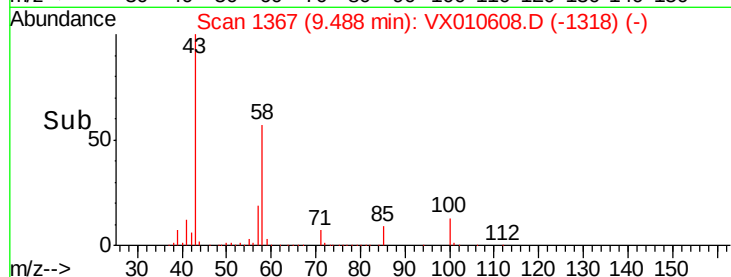
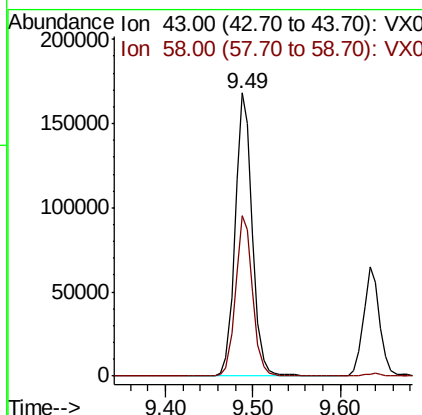
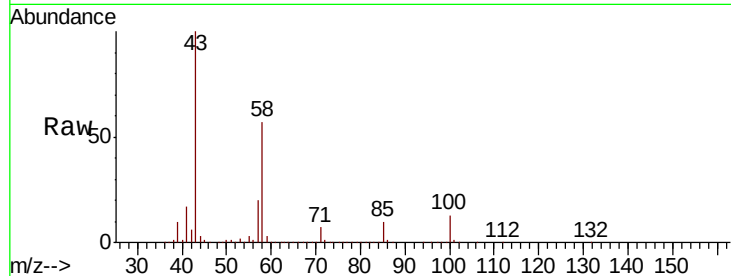




#59
2-Hexanone
Concen: 95.495 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

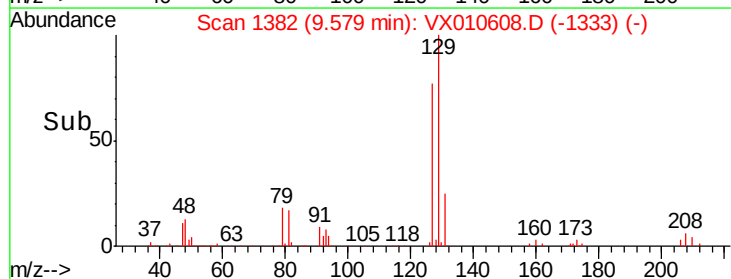
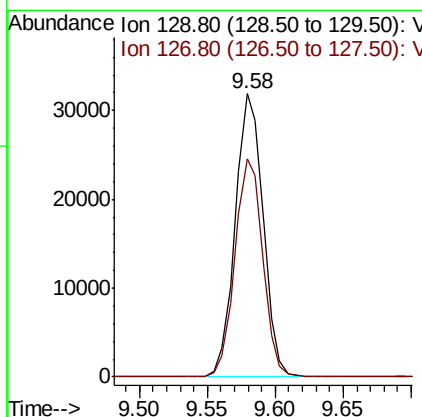
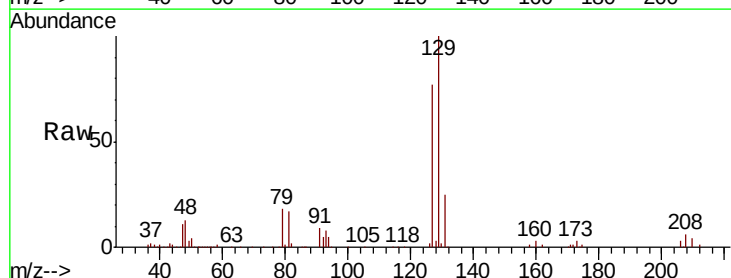
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

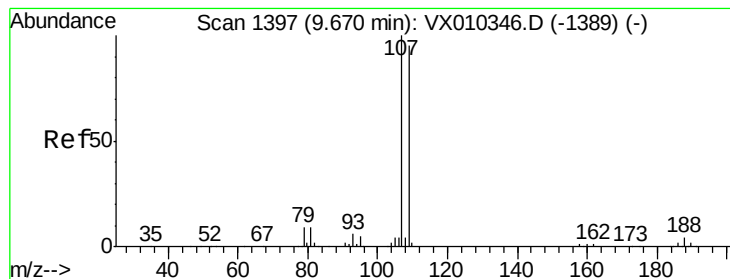
Tot Ion: 43 Resp: 229957
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.1



#60
Dibromochloromethane
Concen: 17.102 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 129 Resp: 45539
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.683 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

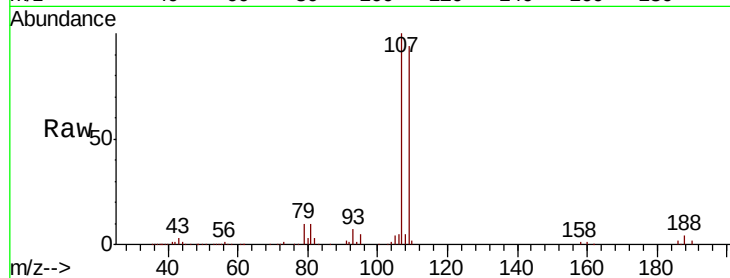
VX0702WBS01

Tot Ion:107 Resp: 47960

Ion Ratio Lower Upper

107 100

109 92.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

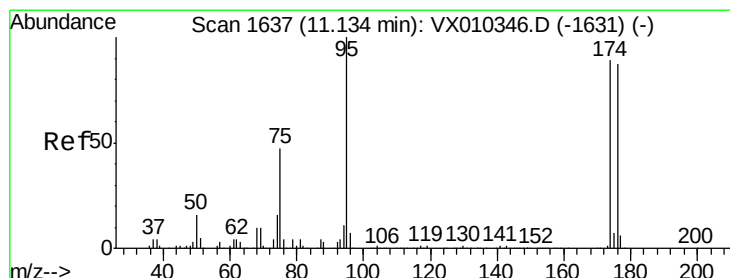
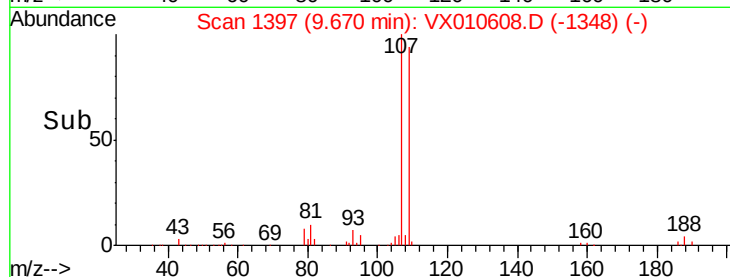
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 46.215 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

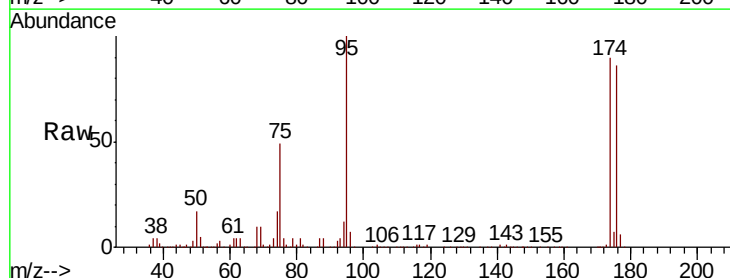
Tgt Ion: 95 Resp: 138138

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.6

176 90.5 0.0 184.0



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

150000

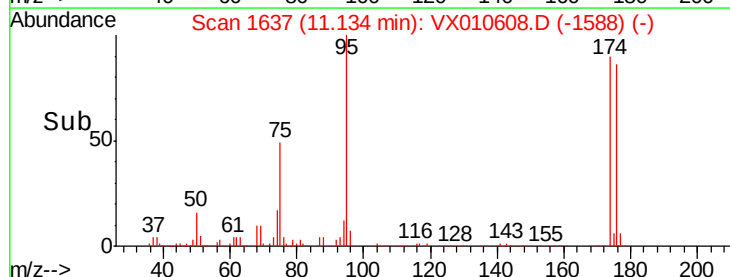
100000

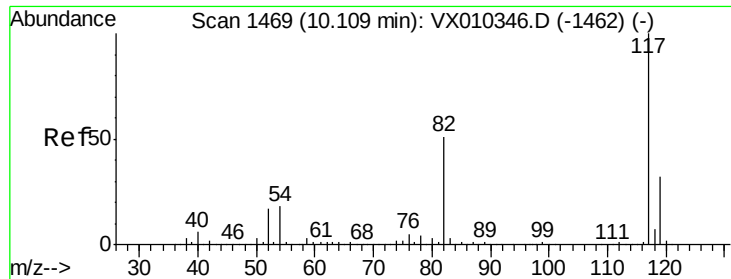
50000

0

Time-->

11.10 11.20

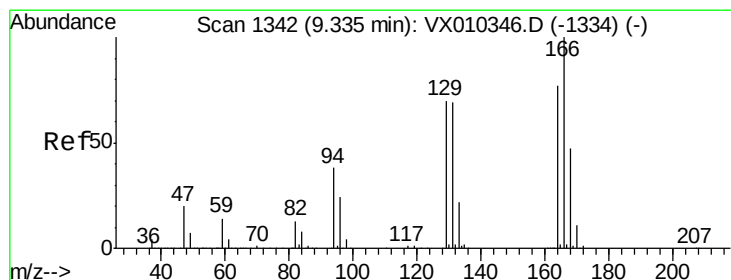
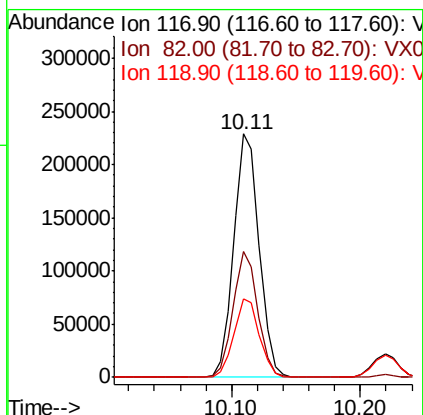
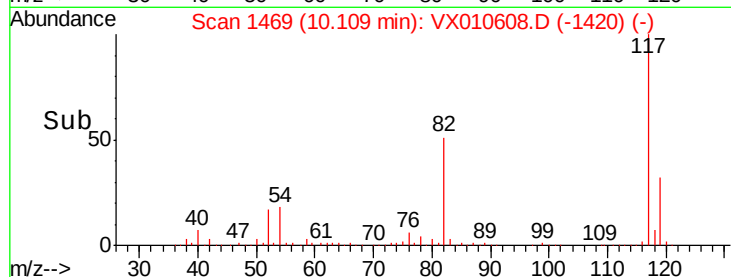
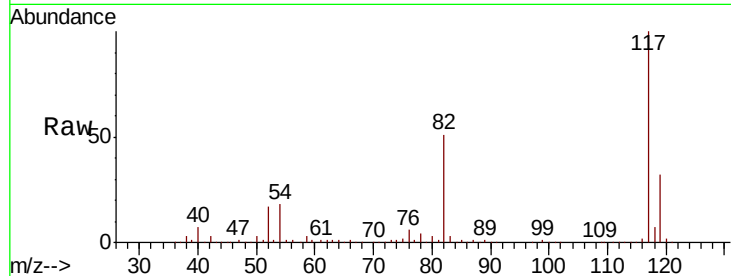




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

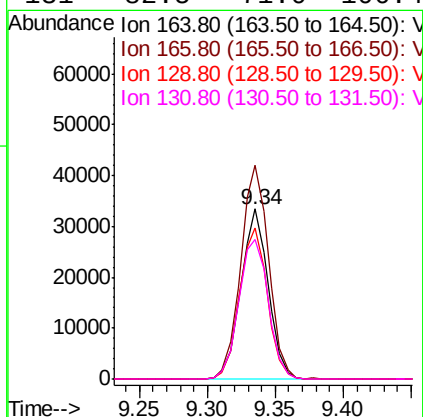
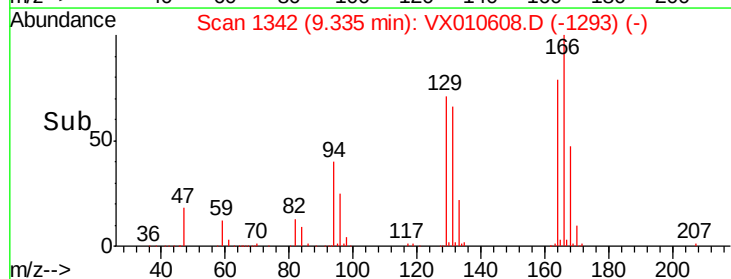
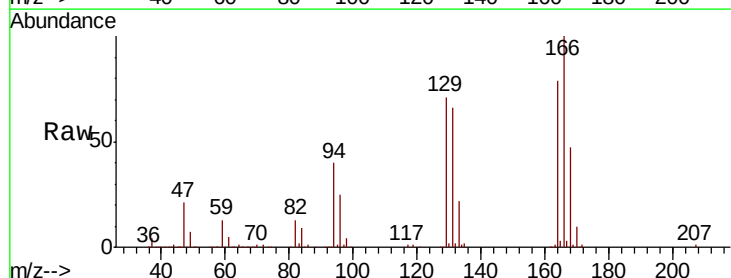
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

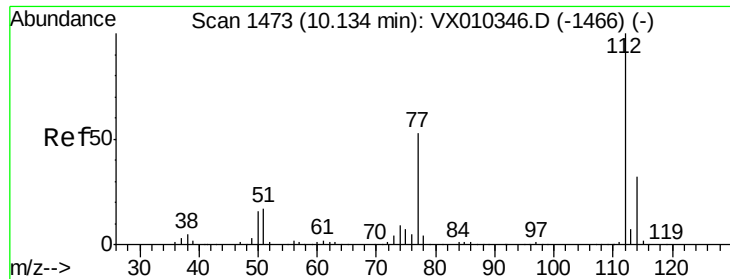
Tot Ion:117 Resp: 314598
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 18.394 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion:164 Resp: 46805
Ion Ratio Lower Upper
164 100
166 125.9 103.6 155.4
129 88.9 73.0 109.4
131 82.5 71.0 106.4

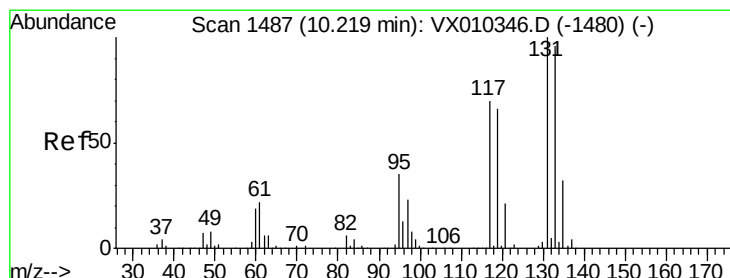
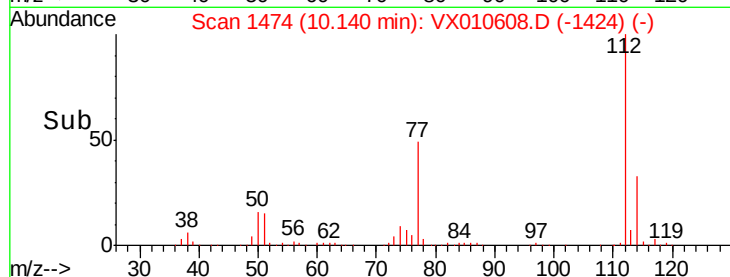
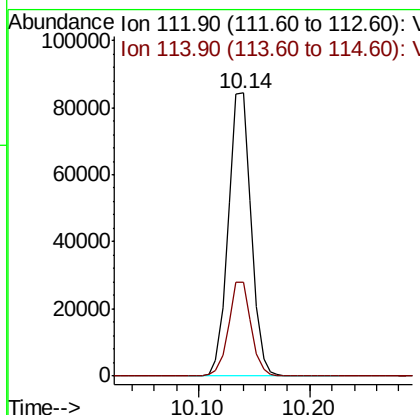
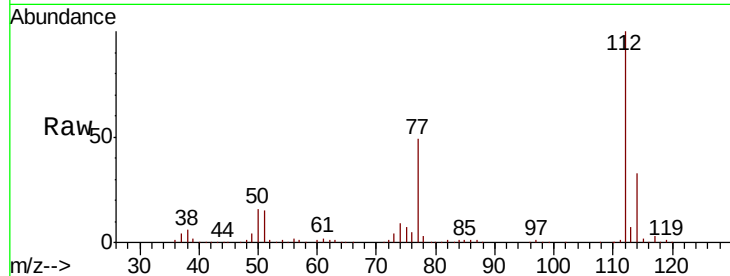




#65
Chlorobenzene
Concen: 18.766 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

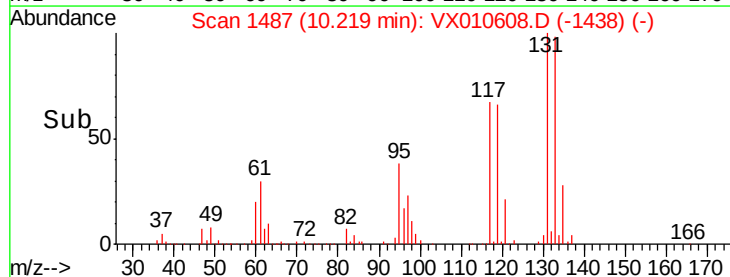
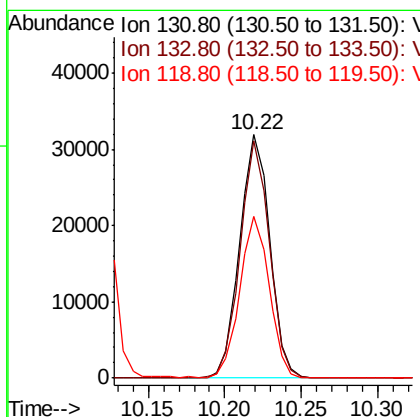
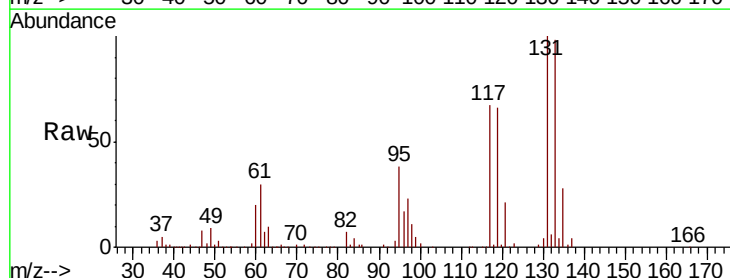
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

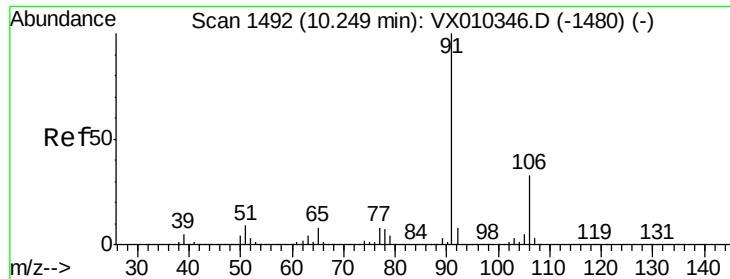
Tot Ion:112 Resp: 119856
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.711 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion:131 Resp: 43530
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 65.5 32.6 97.7

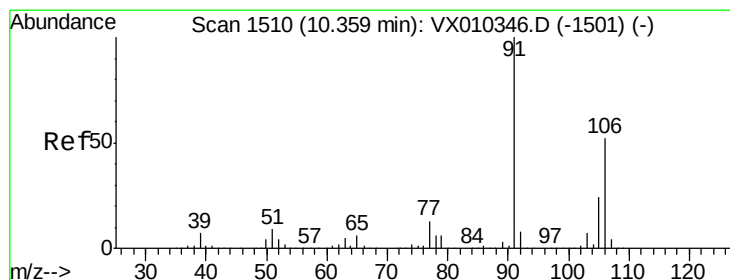
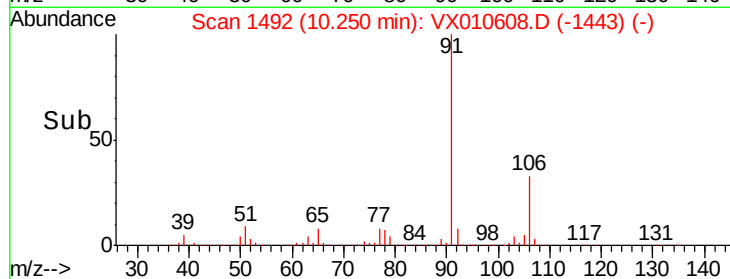
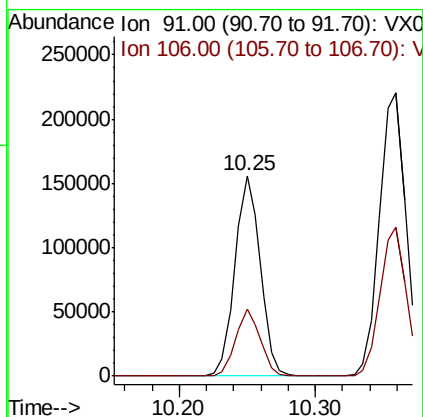
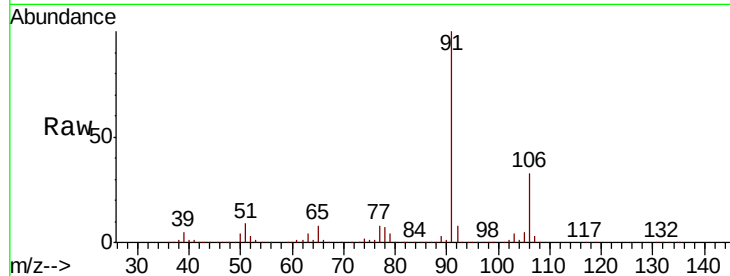




#67
Ethyl Benzene
Concen: 18.724 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

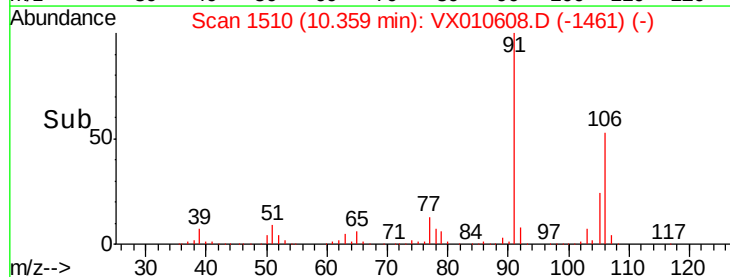
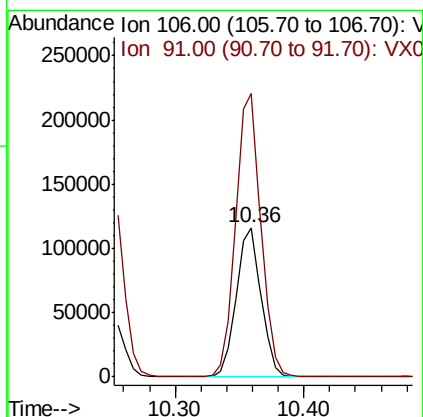
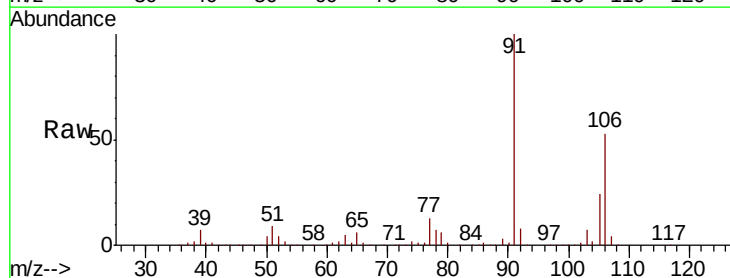
Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

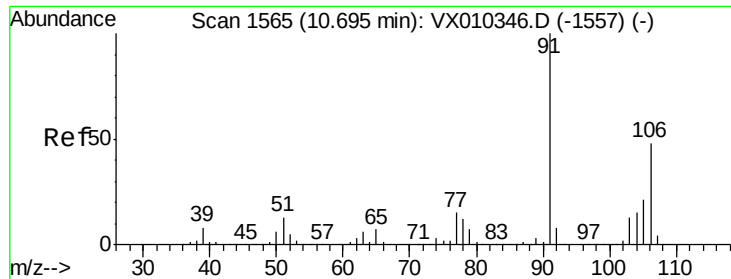
Tot Ion: 91 Resp: 201889
Ion Ratio Lower Upper
91 100
106 33.3 26.2 39.2



#68
m/p-Xylenes
Concen: 37.106 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 106 Resp: 155027
Ion Ratio Lower Upper
106 100
91 193.0 155.3 232.9

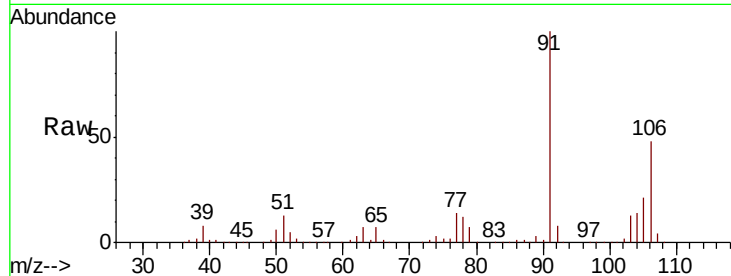




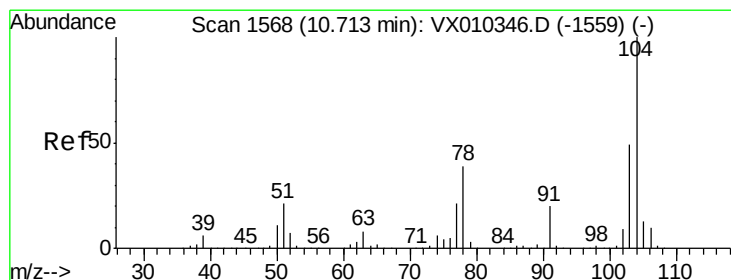
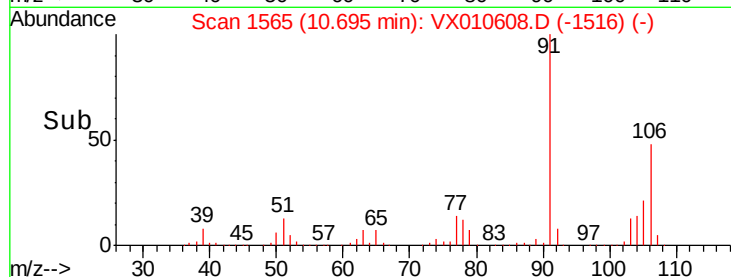
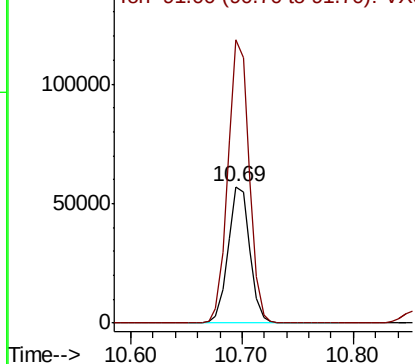
#69
o-Xylene
Concen: 18.647 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

Tot Ion:106 Resp: 76615
Ion Ratio Lower Upper
106 100
91 203.7 102.7 308.1

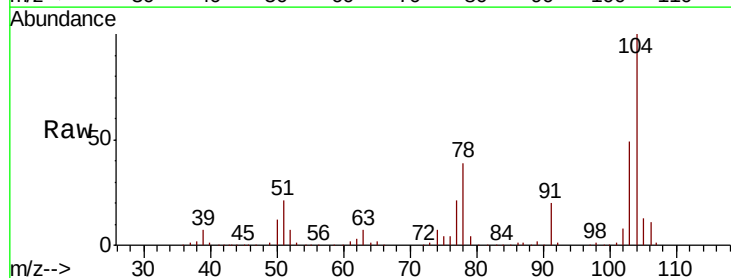


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

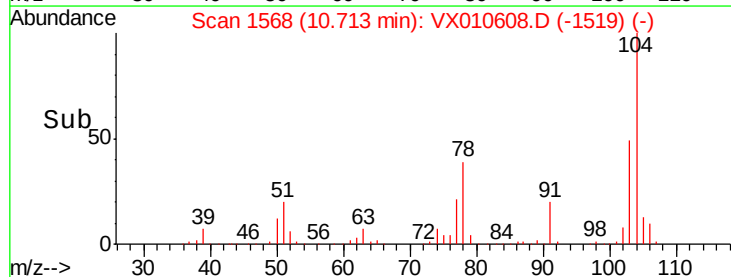
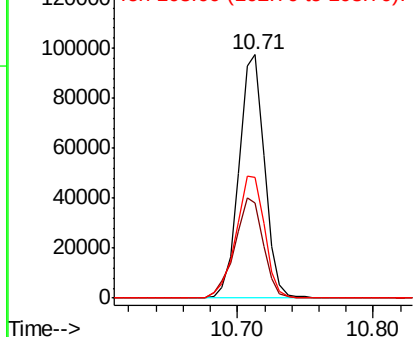


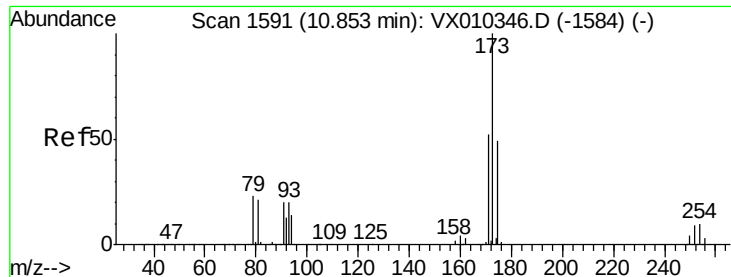
#70
Styrene
Concen: 18.448 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion:104 Resp: 127115
Ion Ratio Lower Upper
104 100
78 46.2 36.2 54.2
103 56.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.374 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

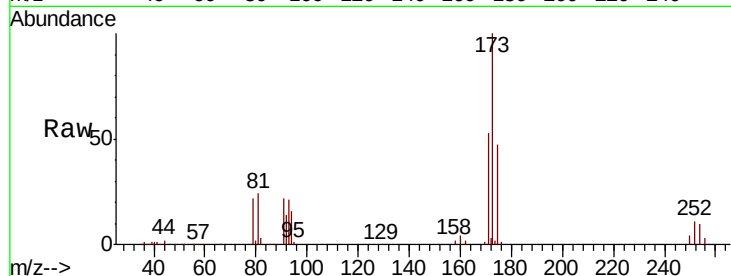
Tot Ion:173 Resp: 33126

Ion Ratio Lower Upper

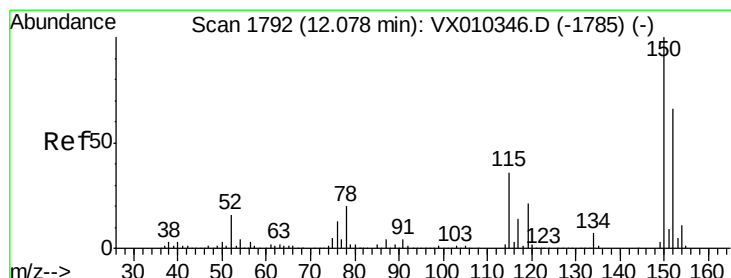
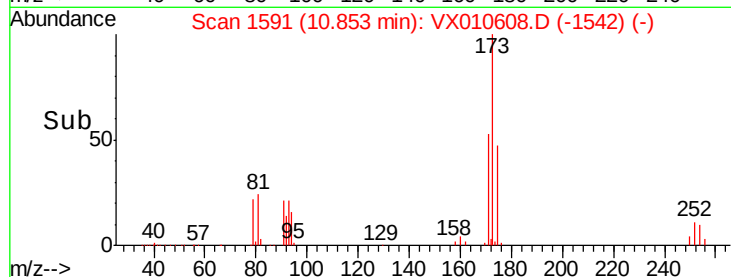
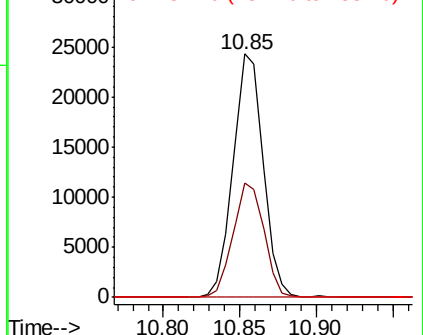
173 100

175 48.2 24.1 72.3

254 0.0 0.2 0.2#



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: VX010608.D

Acq: 02 Jul 2019 11:44

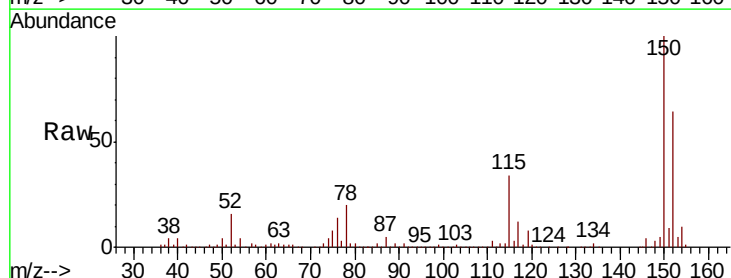
Tgt Ion:152 Resp: 157664

Ion Ratio Lower Upper

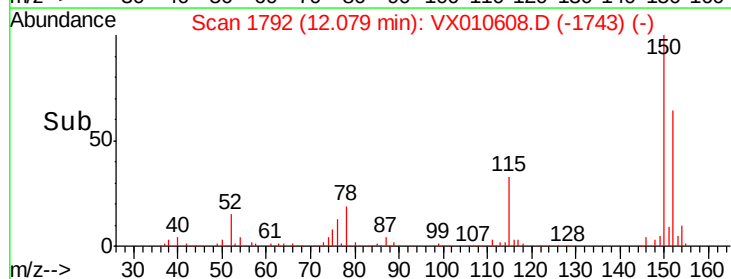
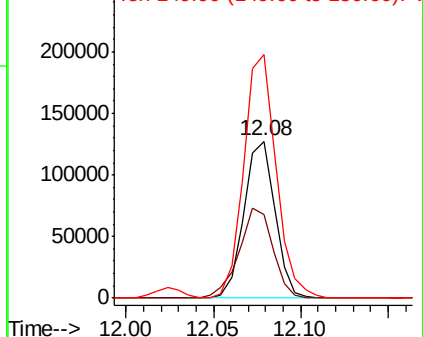
152 100

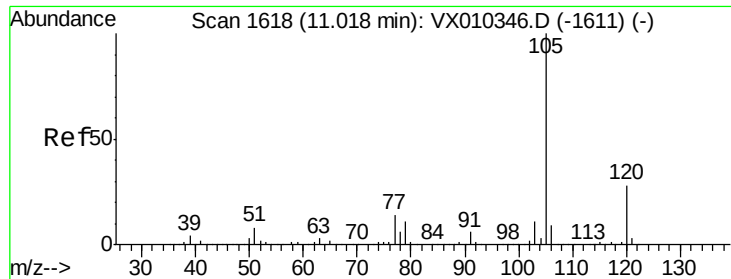
115 62.8 38.6 115.7

150 162.5 0.0 347.4



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





#73

Isopropylbenzene

Concen: 19.072 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

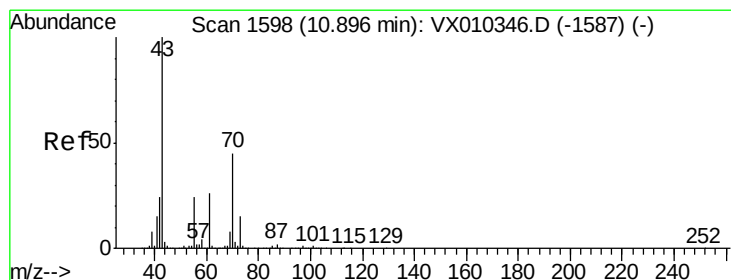
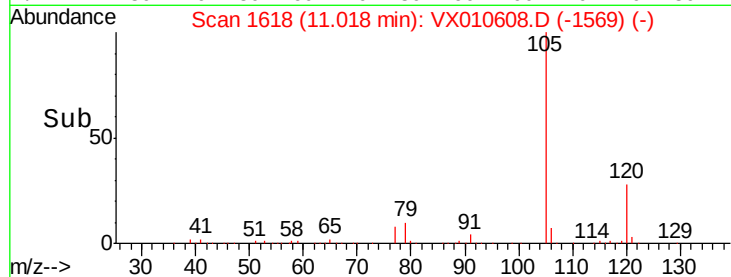
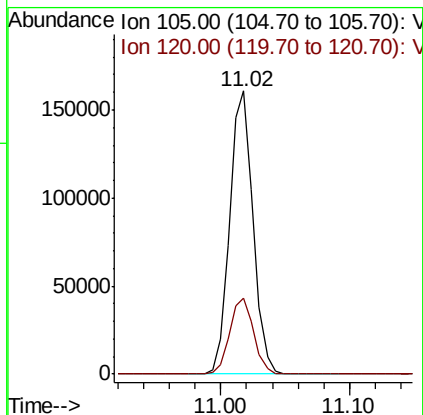
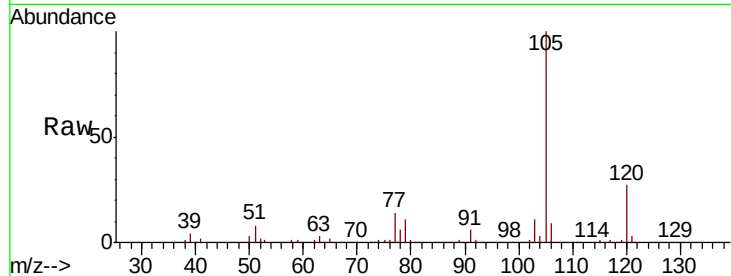
VX0702WBS01

Tot Ion:105 Resp: 203832

Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4



#74

N-ethyl acetate

Concen: 19.087 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Tgt Ion: 43 Resp: 77094

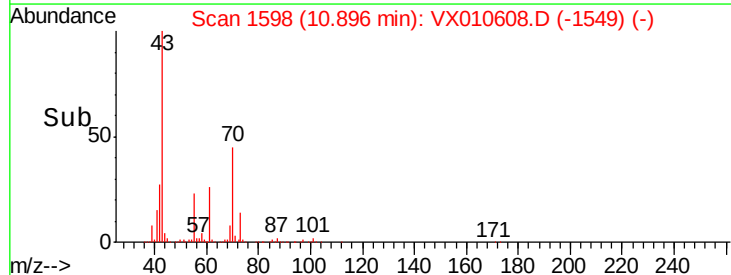
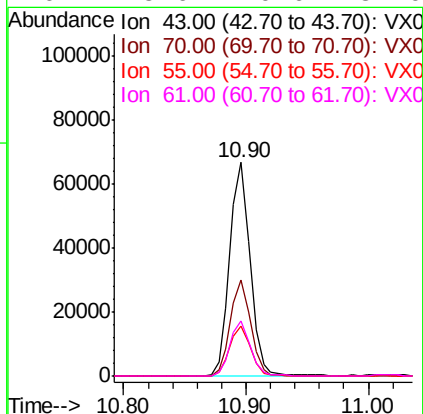
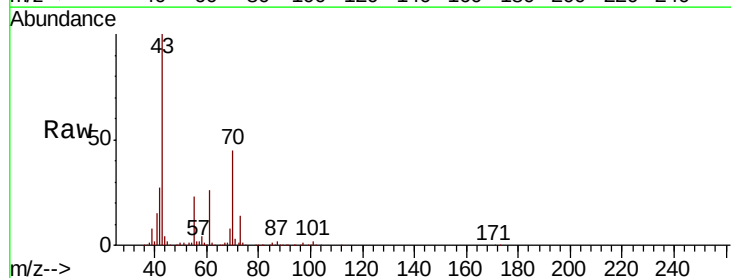
Ion Ratio Lower Upper

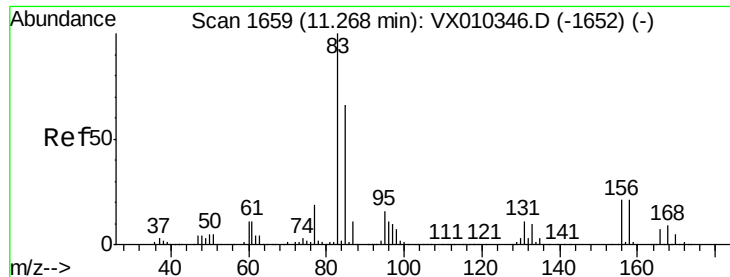
43 100

70 44.7 36.6 54.8

55 24.3 18.7 28.1

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.007 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

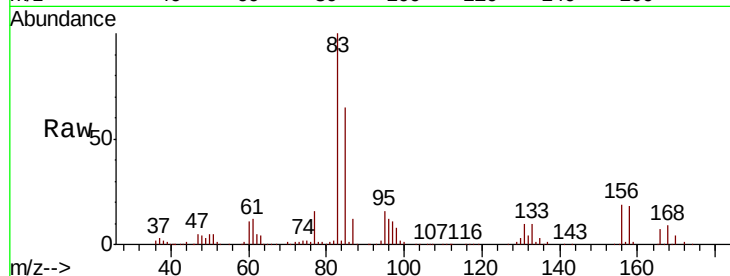
Tot Ion: 83 Resp: 70815

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

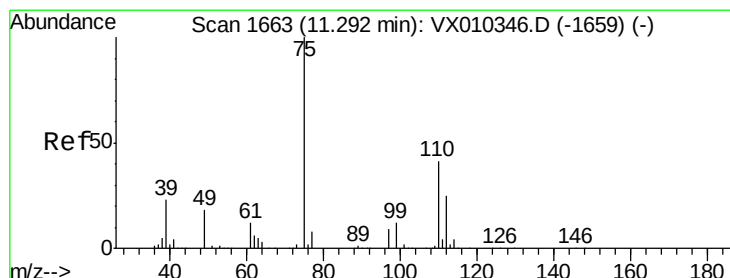
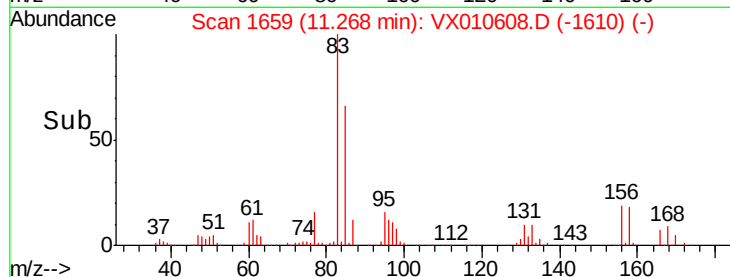
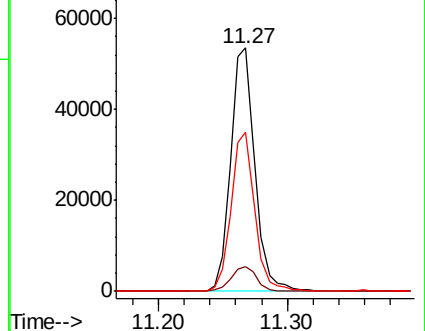
85 63.8 32.3 96.8



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: 25.675 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010608.D

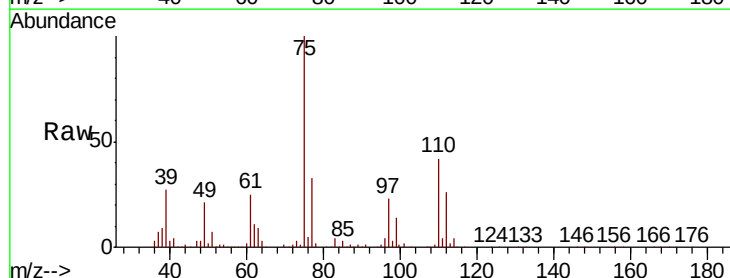
Acq: 02 Jul 2019 11:44

Tgt Ion: 75 Resp: 73767

Ion Ratio Lower Upper

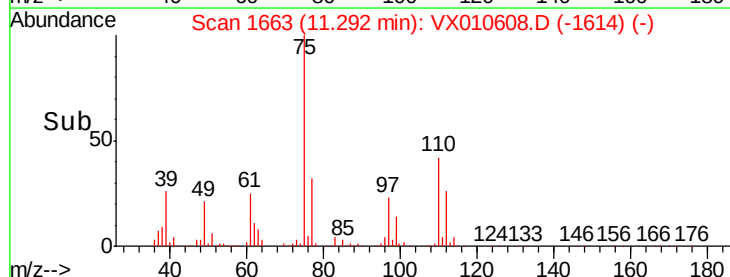
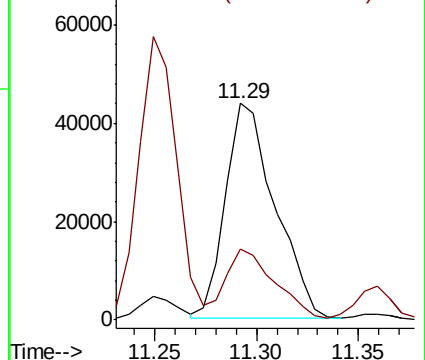
75 100

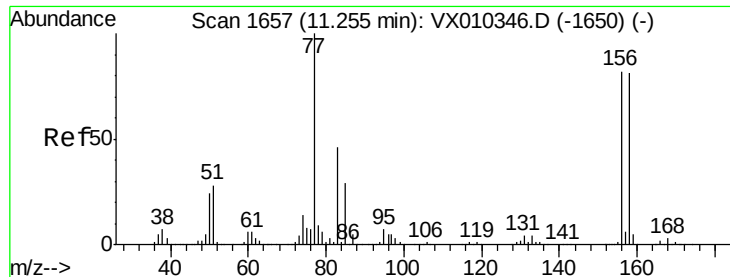
77 32.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

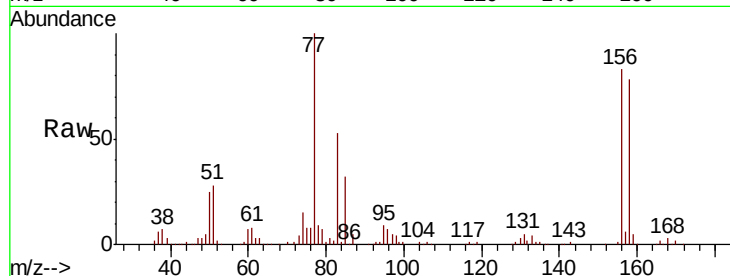




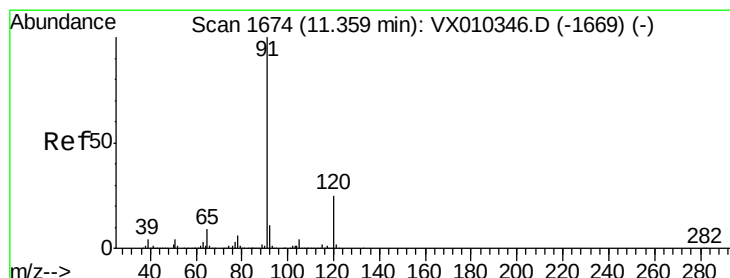
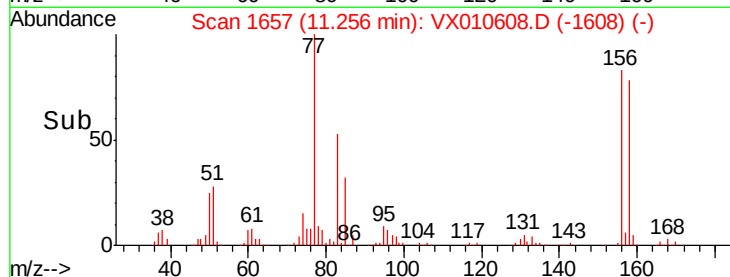
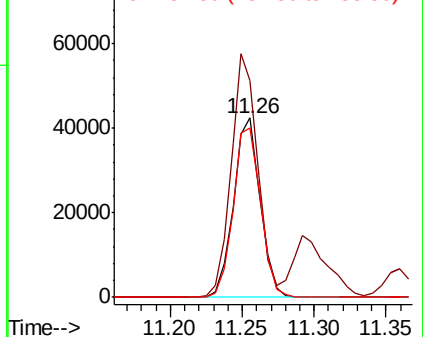
#77
Bromobenzene
Concen: 18.424 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

Tot Ion:156 Resp: 54983
Ion Ratio Lower Upper
156 100
77 135.1 66.3 198.7
158 97.0 48.9 146.7

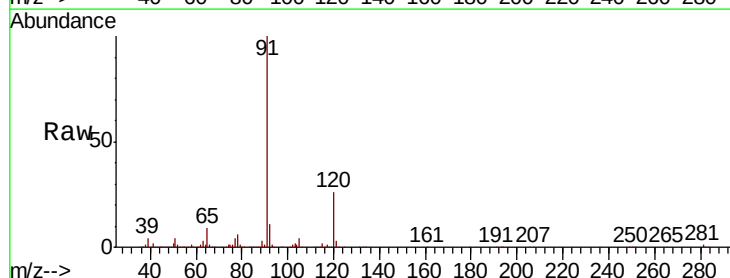


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

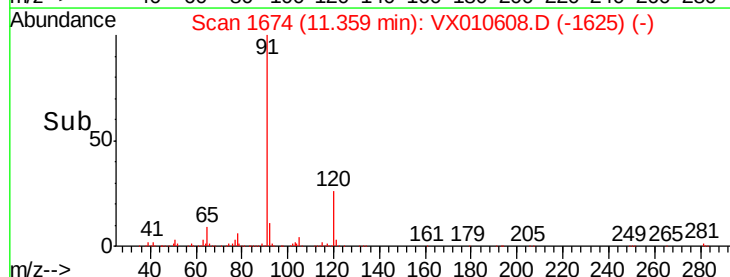
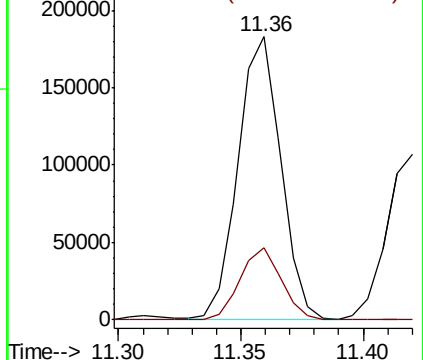


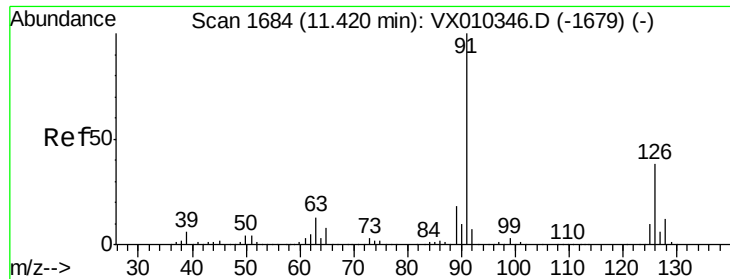
#78
n-propylbenzene
Concen: 18.856 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 91 Resp: 221486
Ion Ratio Lower Upper
91 100
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.773 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

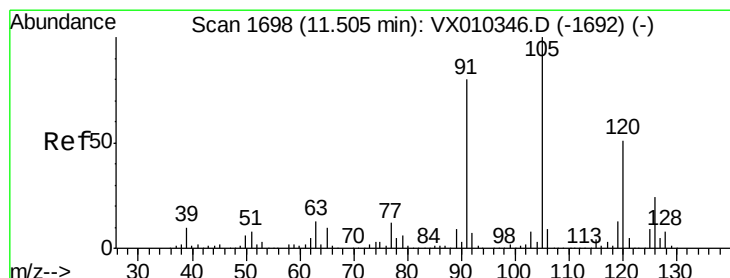
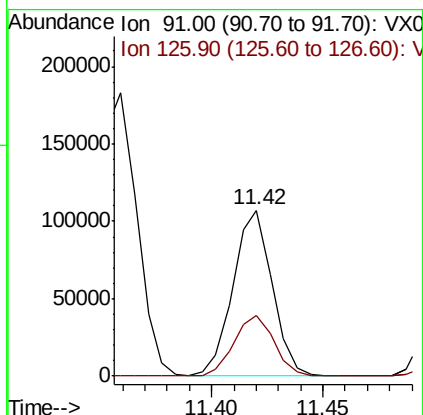
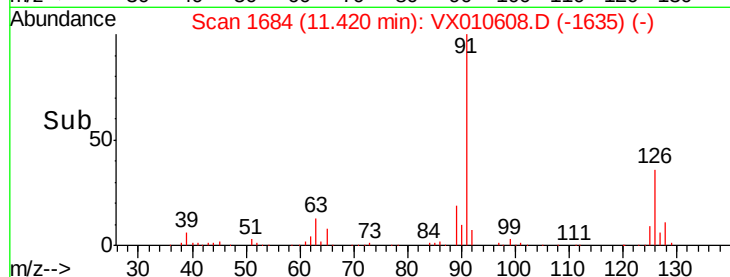
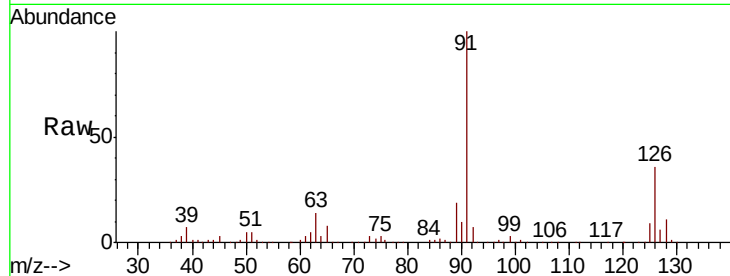
VX0702WBS01

Tot Ion: 91 Resp: 131309

Ion Ratio Lower Upper

91 100

126 37.5 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 18.739 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010608.D

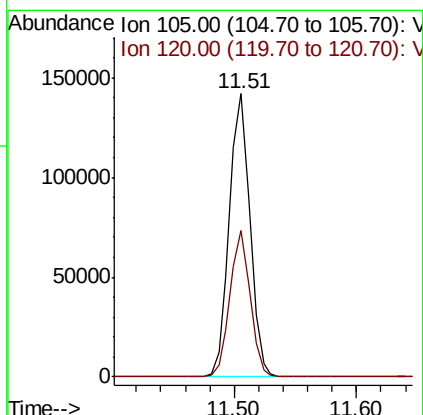
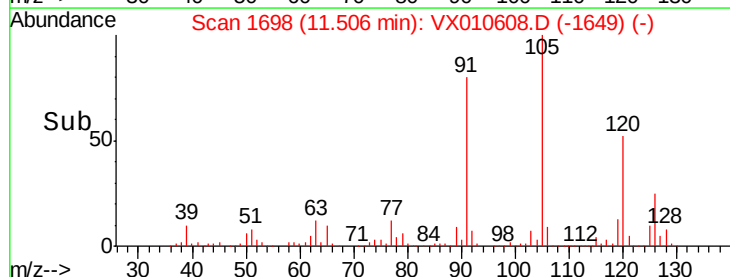
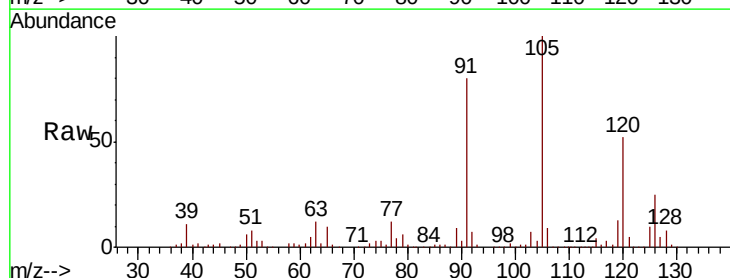
Acq: 02 Jul 2019 11:44

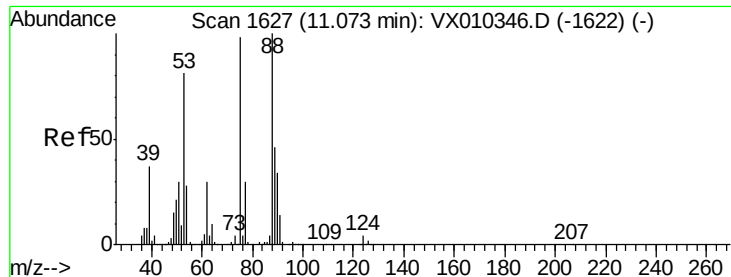
Tgt Ion: 105 Resp: 165103

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6

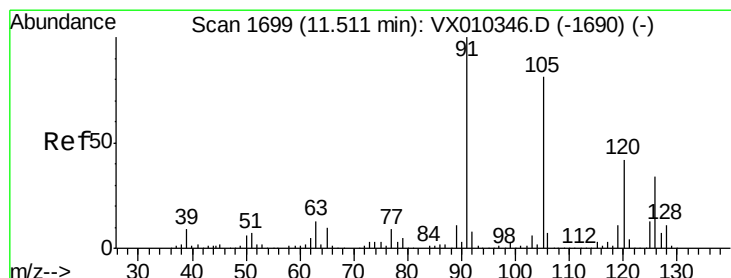
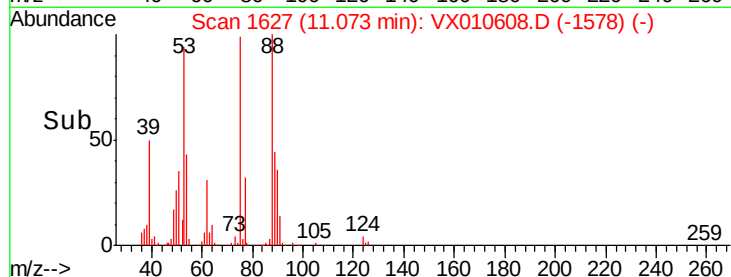
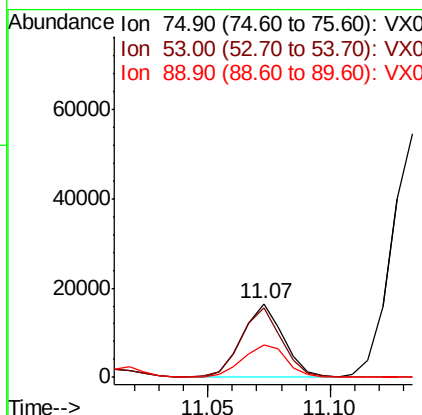
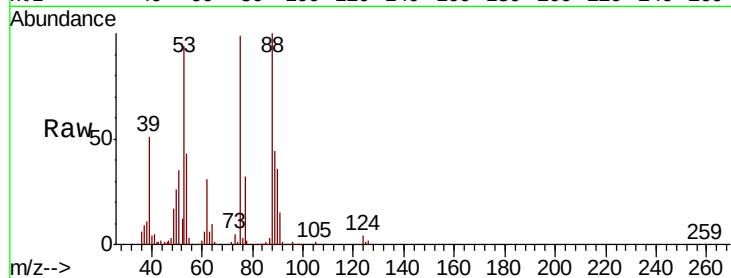




#81
trans-1,4-Dichloro-2-butene
Concen: 15.487 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

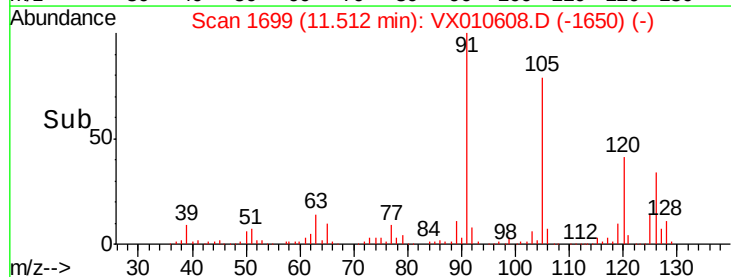
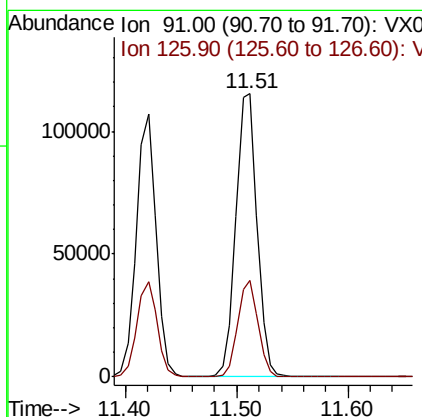
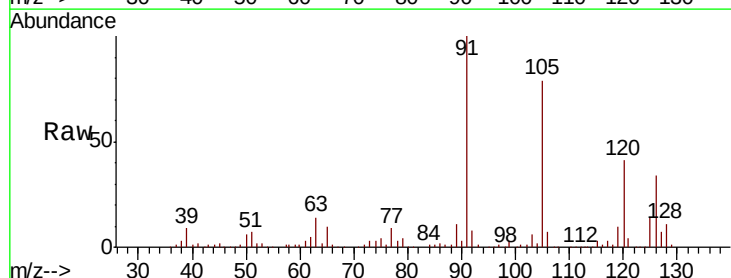
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

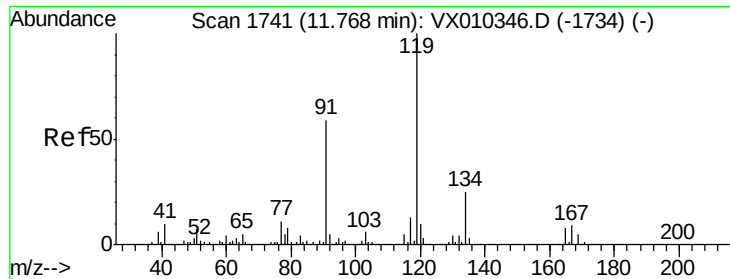
Tot Ion: 75 Resp: 19073
Ion Ratio Lower Upper
75 100
53 96.4 66.1 99.1
89 47.9 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.183 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010608.D
Acq: 02 Jul 2019 11:44

Tgt Ion: 91 Resp: 152676
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6

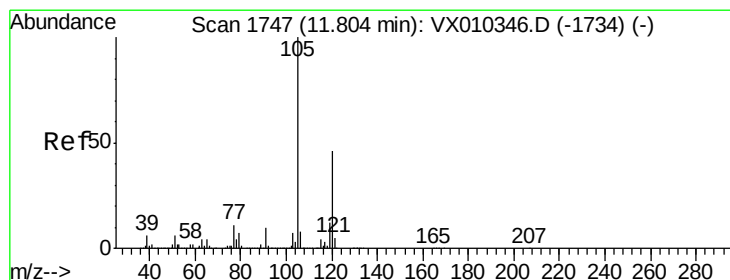
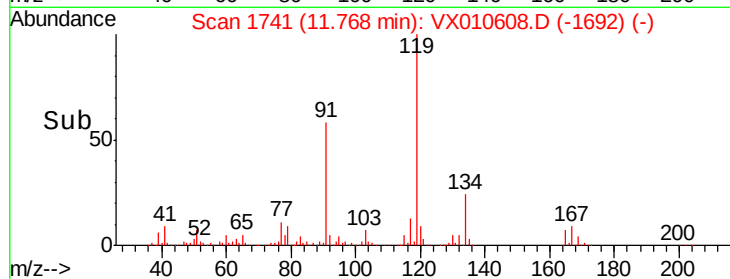
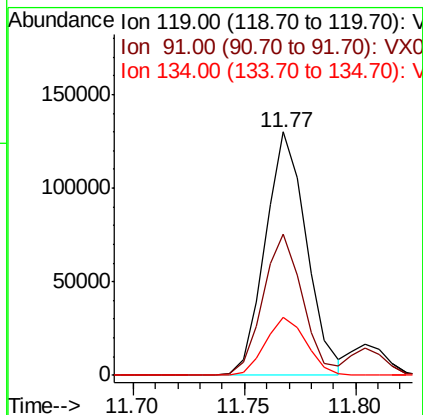
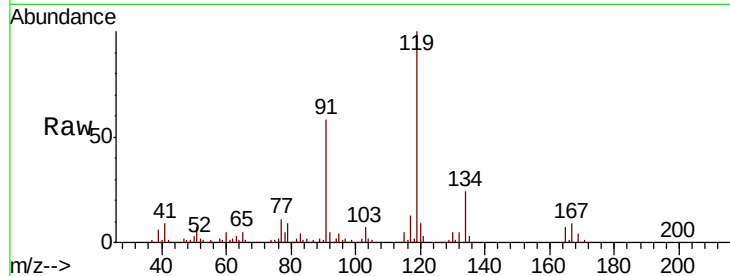




#83
 tert-Butylbenzene
 Concen: 18.912 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

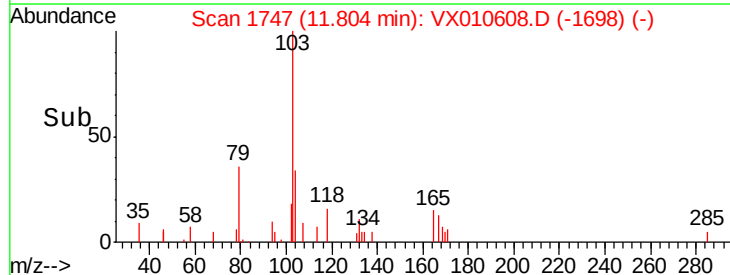
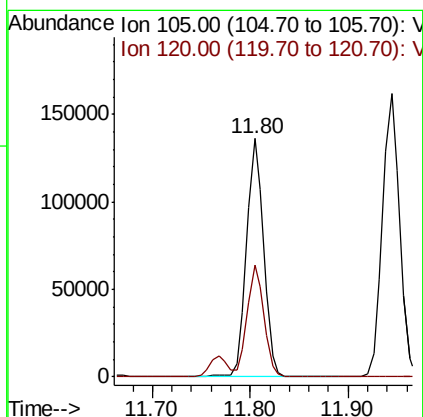
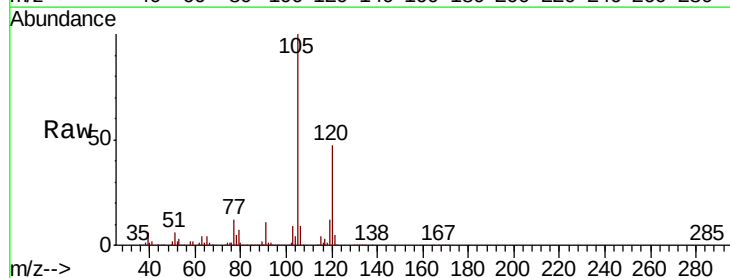
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

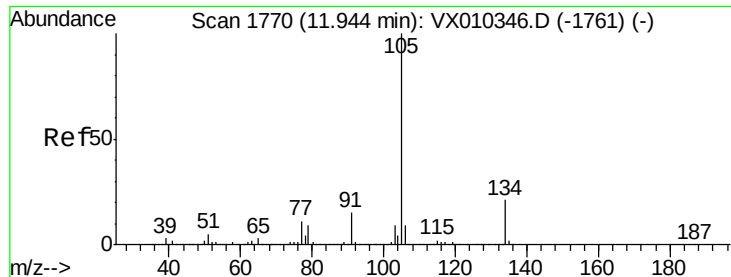
Tot Ion:119 Resp: 167240
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.6 82.7
 134 23.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.745 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion:105 Resp: 165934
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.017 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

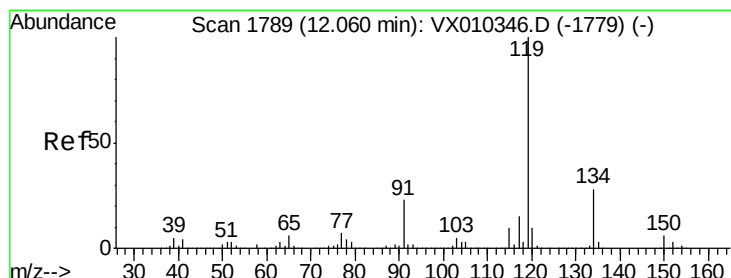
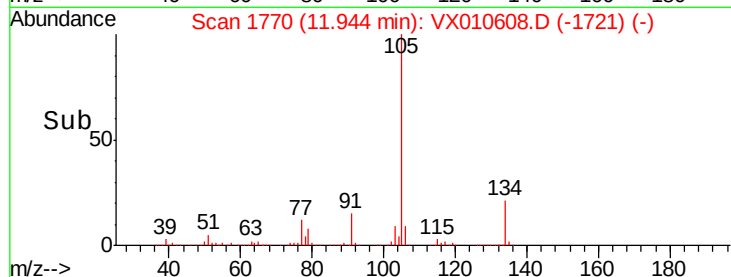
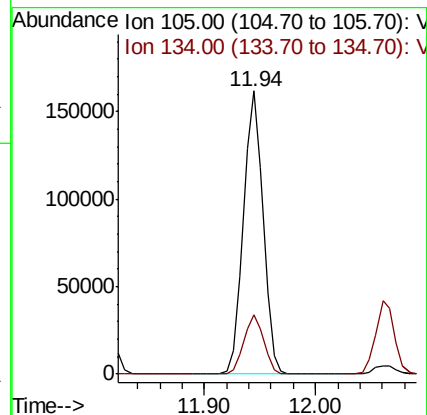
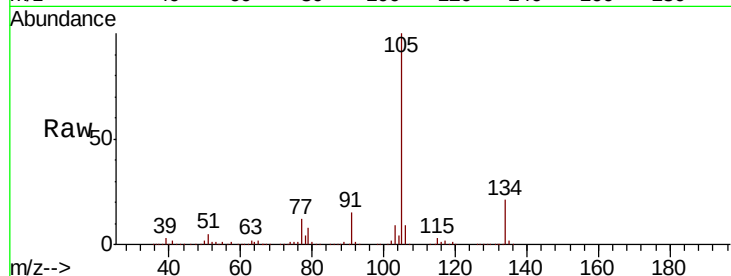
VX0702WBS01

Tot Ion:105 Resp: 197457

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 18.298 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

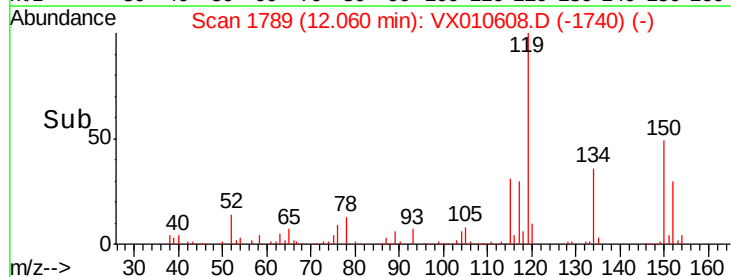
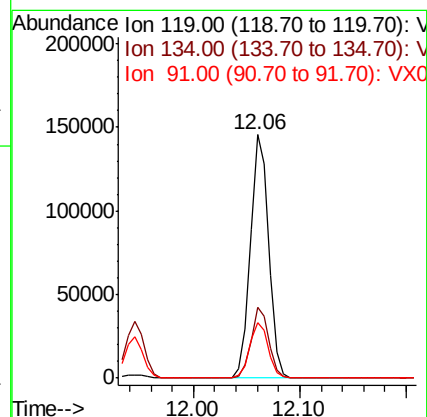
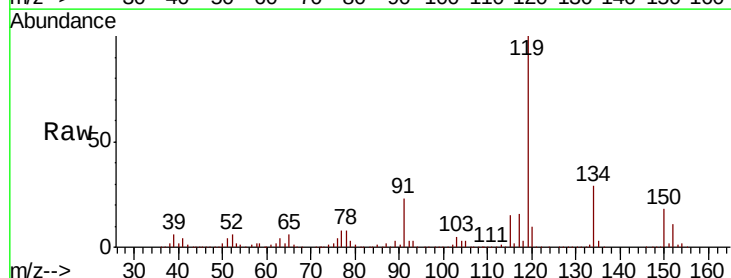
Tgt Ion:119 Resp: 175738

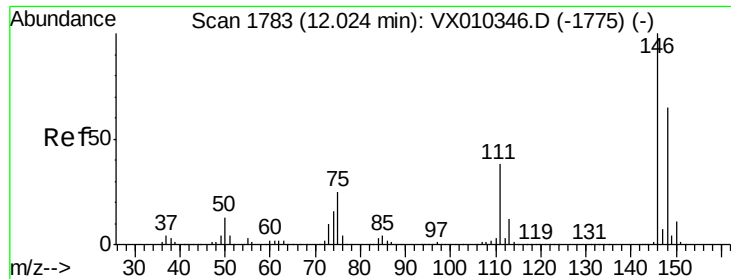
Ion Ratio Lower Upper

119 100

134 28.2 13.7 41.1

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.517 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampled :

VX0702WBS01

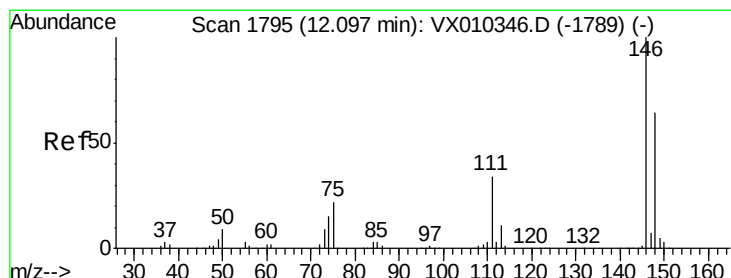
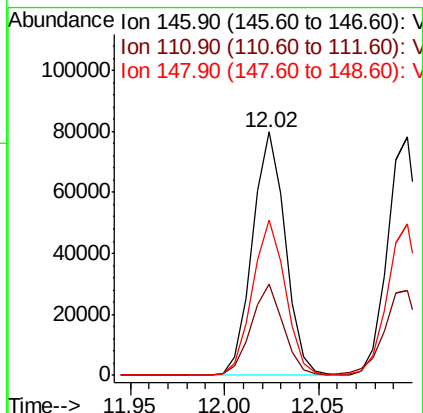
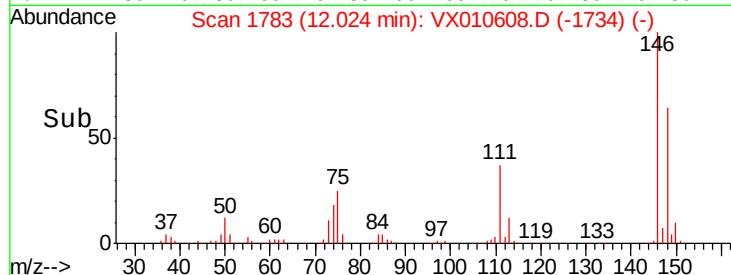
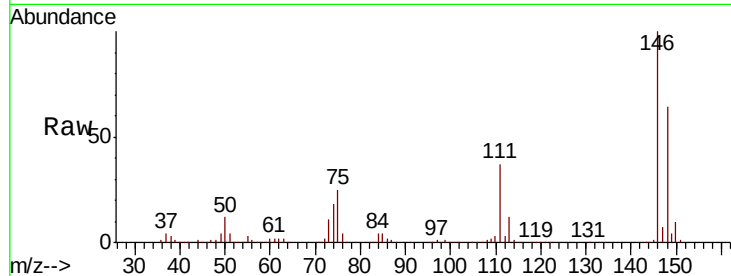
Tot Ion:146 Resp: 96463

Ion Ratio Lower Upper

146 100

111 36.8 19.1 57.1

148 64.2 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 18.235 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

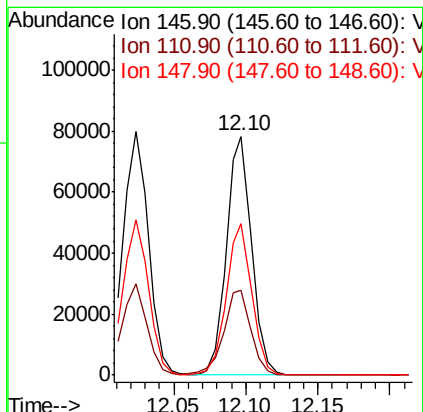
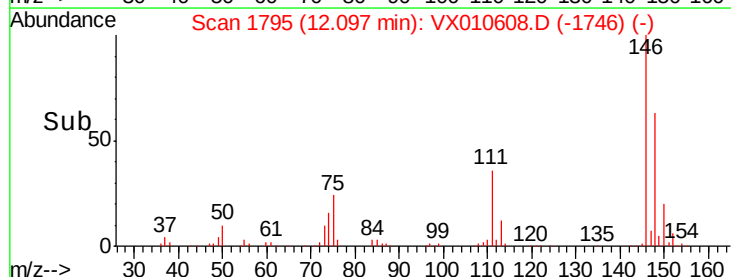
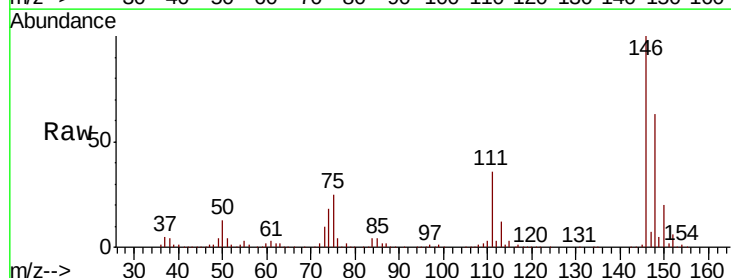
Tgt Ion:146 Resp: 96705

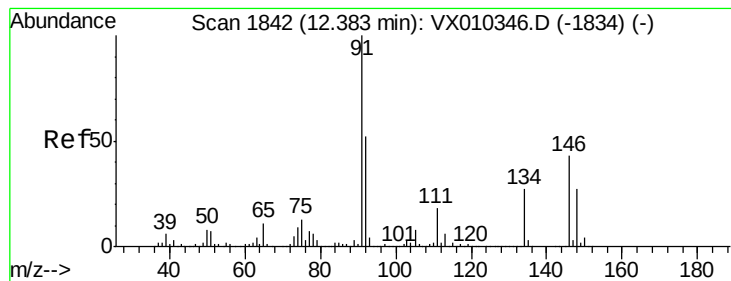
Ion Ratio Lower Upper

146 100

111 38.3 18.1 54.3

148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 18.342 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampled :

VX0702WBS01

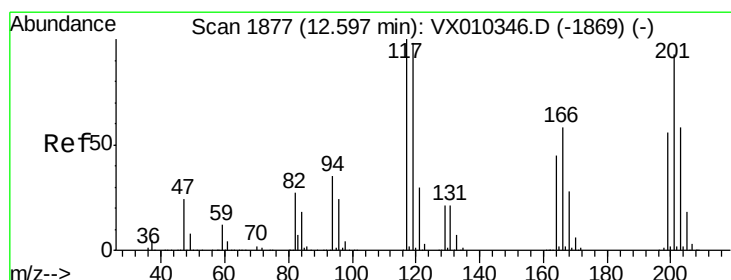
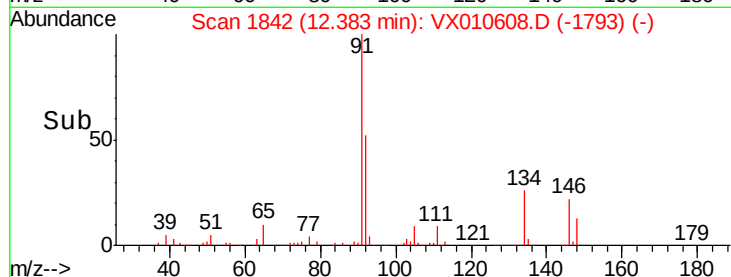
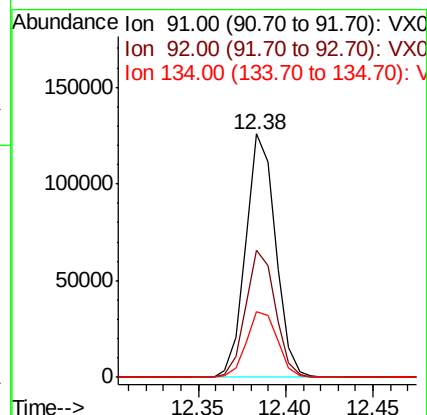
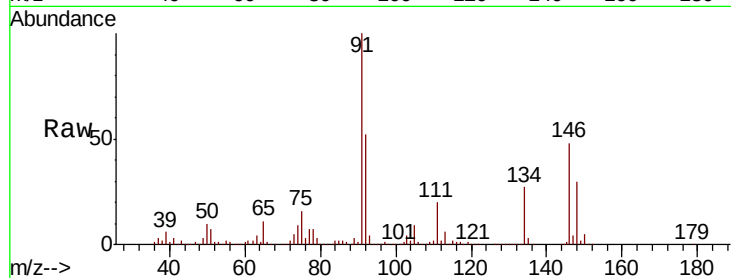
Tot Ion: 91 Resp: 149692

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 28.1 14.1 42.4



#90

Hexachloroethane

Concen: 16.783 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010608.D

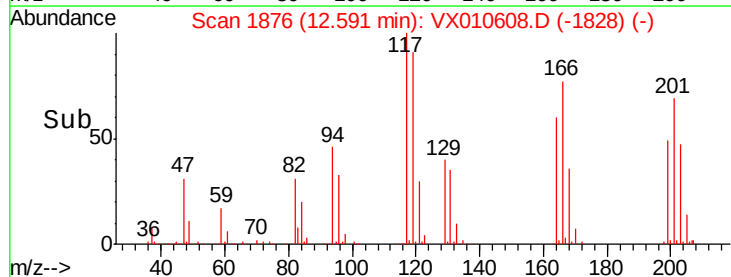
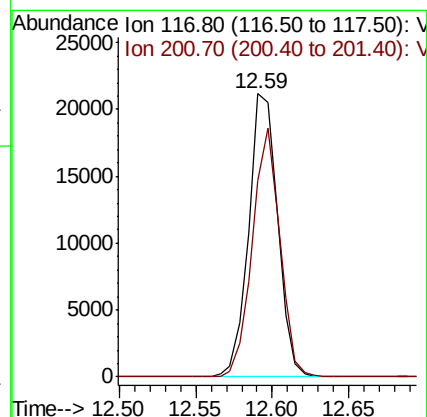
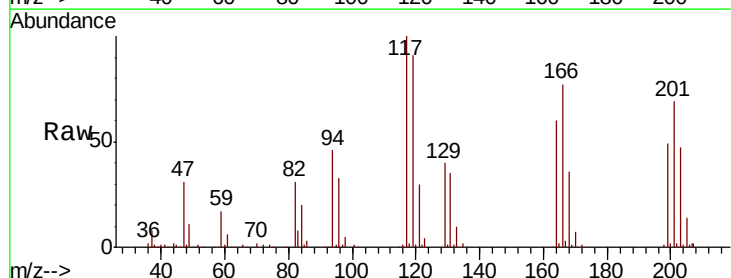
Acq: 02 Jul 2019 11:44

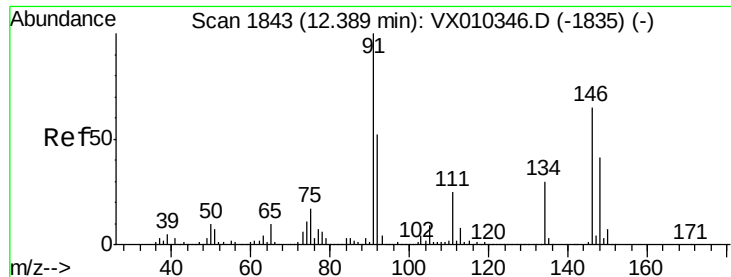
Tgt Ion: 117 Resp: 27871

Ion Ratio Lower Upper

117 100

201 83.4 44.0 131.8

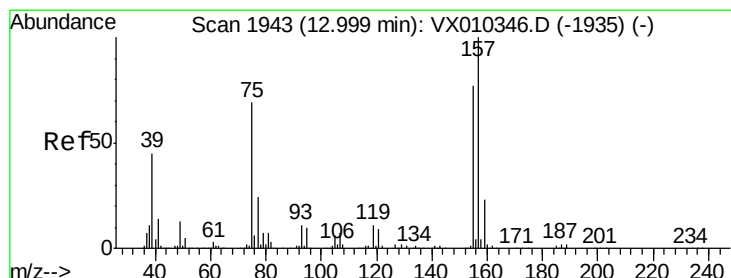
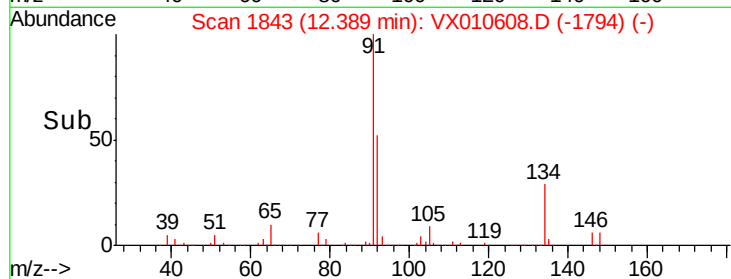
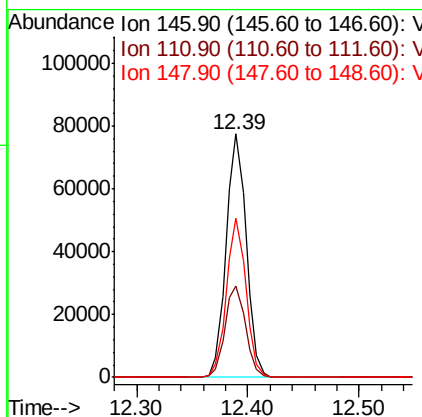
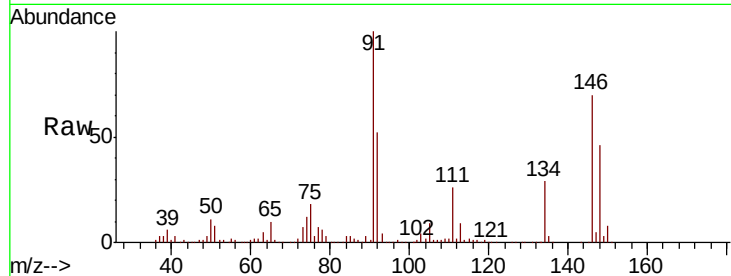




#91
 1,2-Dichlorobenzene
 Concen: 18.767 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

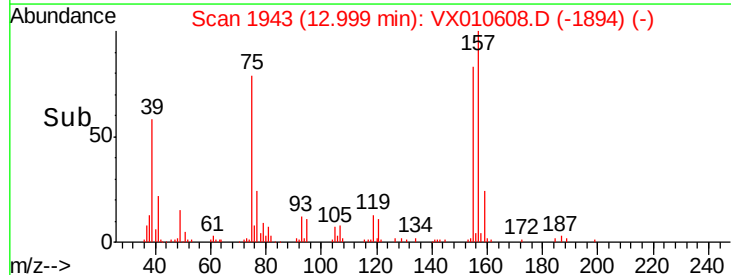
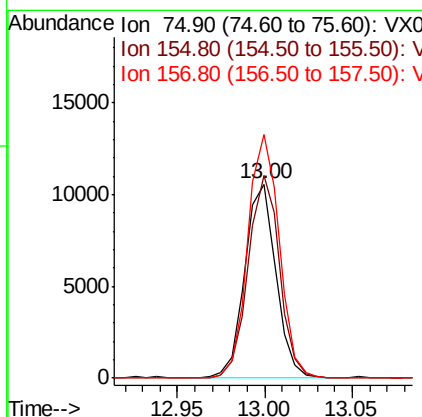
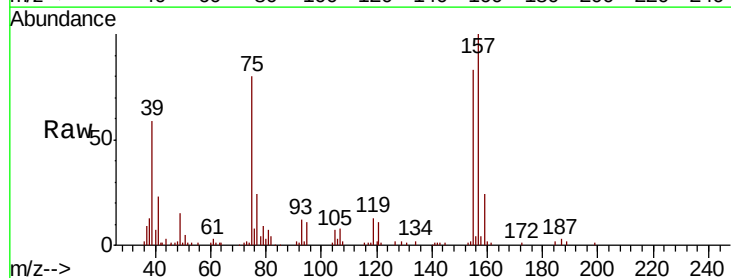
Instrument :
 MSVOA_X
 ClientSampled :
 VX0702WBS01

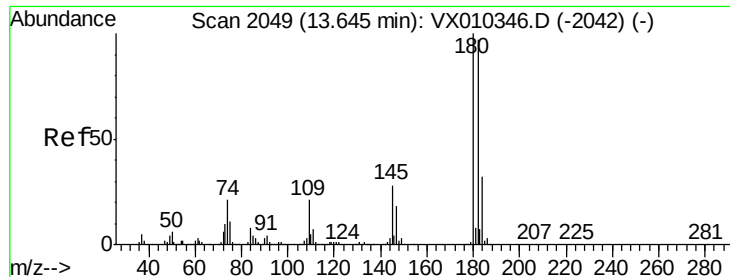
Tot Ion:146 Resp: 97162
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.2 57.6
 148 63.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.223 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion: 75 Resp: 13143
 Ion Ratio Lower Upper
 75 100
 155 105.2 54.4 163.1
 157 127.0 69.5 208.3

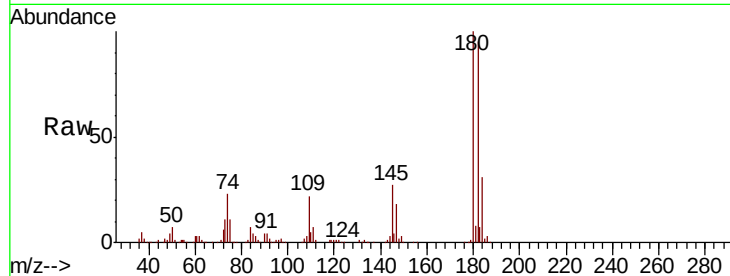




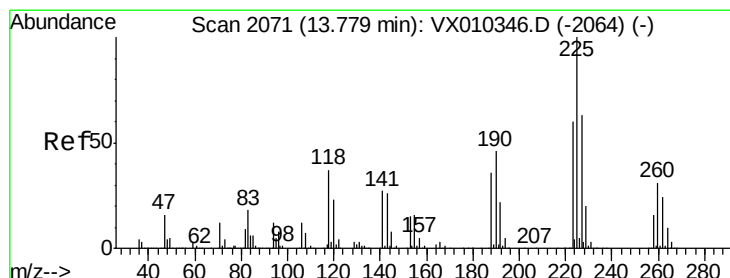
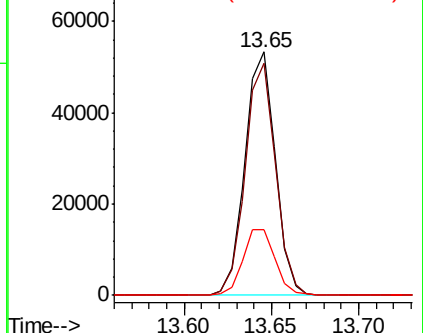
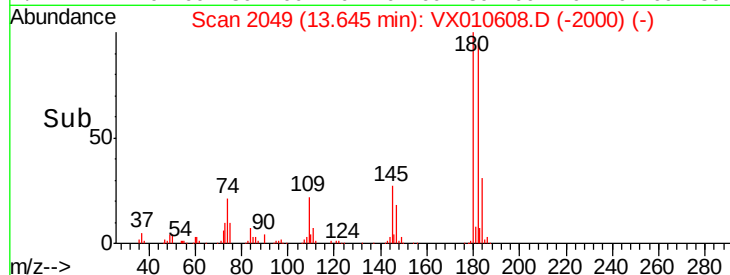
#93
 1,2,4-Trichlorobenzene
 Concen: 17.978 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Tot Ion:180 Resp: 64549
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.0 144.0
 145 28.5 14.4 43.4

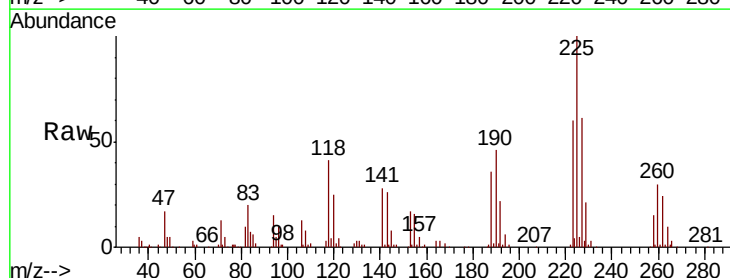


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

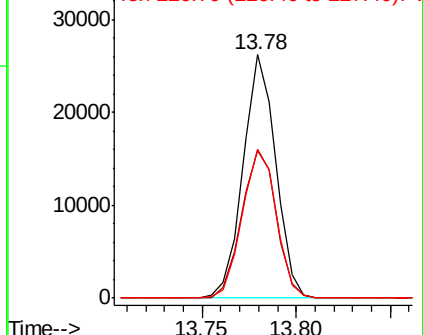
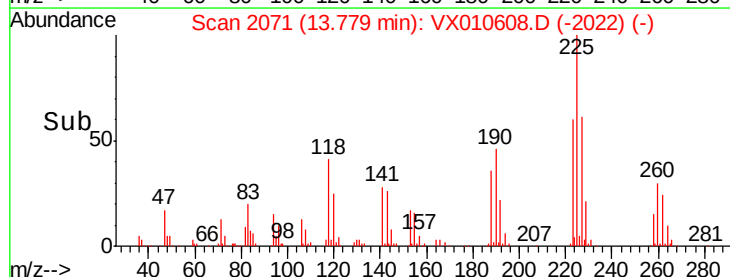


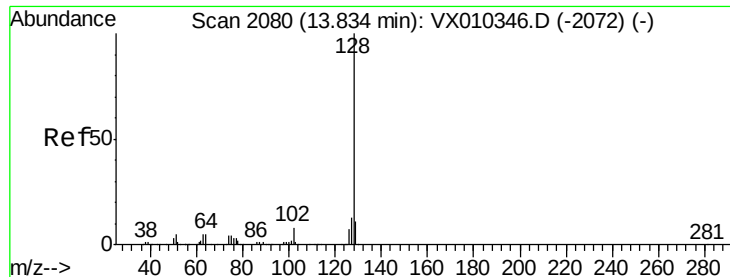
#94
 Hexachlorobutadiene
 Concen: 17.955 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010608.D
 Acq: 02 Jul 2019 11:44

Tgt Ion:225 Resp: 31506
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.9 92.7
 227 63.9 31.9 95.5



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: 18.064 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

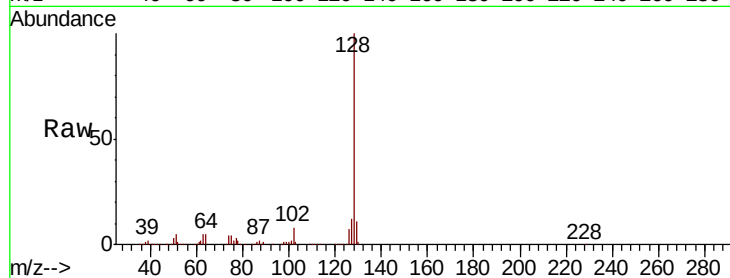
Tot Ion:128 Resp: 199313

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

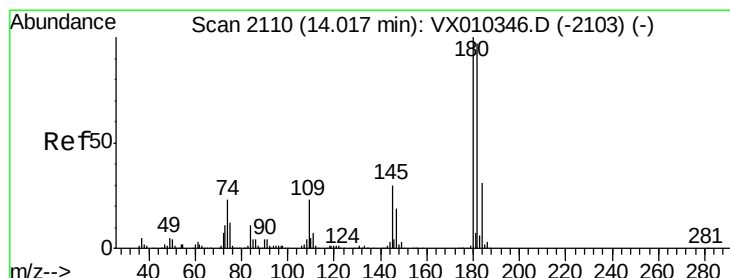
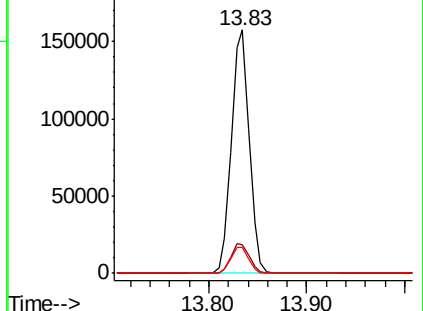
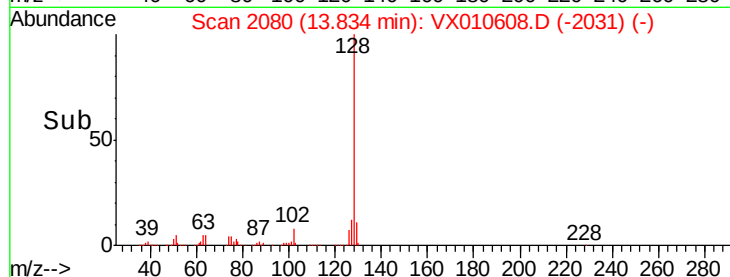
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.511 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010608.D

Acq: 02 Jul 2019 11:44

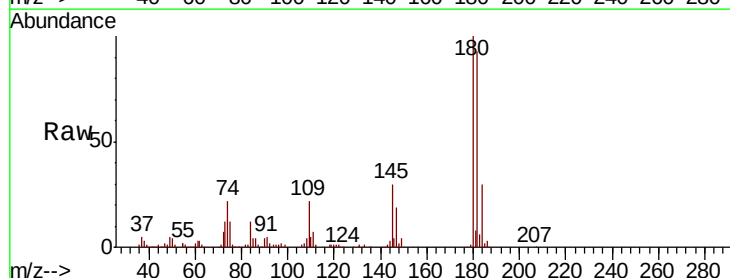
Tgt Ion:180 Resp: 66082

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 29.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

