

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012752.D
 Acq On : 02 Oct 2019 11:43
 Operator : JC/SP
 Sample : VX1002WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 01:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123018	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.48	113	93347	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	353984	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	134700	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	33952	16.184	ug/l	100
3) Chloromethane	1.32	50	39398	16.355	ug/l	96
4) Vinyl Chloride	1.40	62	40118	16.755	ug/l	96
5) Bromomethane	1.63	94	18812	19.983	ug/l	97
6) Chloroethane	1.72	64	26613	16.487	ug/l	97
7) Trichlorofluoromethane	1.92	101	57652	17.150	ug/l	93
8) Diethyl Ether	2.18	74	23277	16.896	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37402	18.267	ug/l	97
10) Methyl Iodide	2.50	142	31979	18.310	ug/l	93
11) Tert butyl alcohol	3.03	59	58976	86.941	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35597	17.754	ug/l	93
13) Acrolein	2.28	56	24572	72.597	ug/l	98
14) Allyl chloride	2.72	41	66381	16.688	ug/l	97
15) Acrylonitrile	3.13	53	121398	88.211	ug/l	97
16) Acetone	2.43	43	121097	84.192	ug/l	94
17) Carbon Disulfide	2.56	76	87765	15.614	ug/l	98
18) Methyl Acetate	2.76	43	57428	16.956	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	134659	17.744	ug/l	97
20) Methylene Chloride	2.84	84	43152	17.738	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	39891	17.959	ug/l	96
22) Diisopropyl ether	3.84	45	135261	17.598	ug/l	97
23) Vinyl Acetate	3.80	43	580919	86.183	ug/l	98
24) 1,1-Dichloroethane	3.68	63	73818	17.668	ug/l	97
25) 2-Butanone	4.66	43	172909	83.840	ug/l	96
26) 2,2-Dichloropropane	4.57	77	62016	16.689	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	46264	17.950	ug/l	93
28) Bromochloromethane	5.00	49	27908	18.396	ug/l #	15
29) Tetrahydrofuran	5.11	42	105796	84.164	ug/l	95
30) Chloroform	5.20	83	75369	17.632	ug/l	97
31) Cyclohexane	5.57	56	65395	17.301	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	67007	17.687	ug/l	99
36) 1,1-Dichloropropene	5.78	75	54520	17.806	ug/l	96
37) Ethyl Acetate	4.81	43	63995	17.877	ug/l	98
38) Carbon Tetrachloride	5.78	117	55635	17.887	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65653	17.811	ug/l	96
40) Benzene	6.13	78	167287	18.569	ug/l	98
41) Methacrylonitrile	5.03	41	34728	17.291	ug/l	94
42) 1,2-Dichloroethane	6.18	62	63076	18.437	ug/l	99
43) Isopropyl Acetate	6.43	43	102935	17.195	ug/l	98
44) Trichloroethene	7.20	130	44260	19.217	ug/l	95
45) 1,2-Dichloropropane	7.51	63	43189	18.724	ug/l	95
46) Dibromomethane	7.65	93	27974	17.813	ug/l	99
47) Bromodichloromethane	7.89	83	55766	17.767	ug/l	100
48) Methyl methacrylate	7.76	41	49889	17.380	ug/l	94
49) 1,4-Dioxane	7.73	88	24221	372.015	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	325308	88.032	ug/l	96
52) Toluene	8.78	92	106617	18.829	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	60621	17.457	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66999	17.670	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	42425	18.846	ug/l	97
56) Ethyl methacrylate	9.17	69	67446	17.834	ug/l	92
57) 1,3-Dichloropropane	9.37	76	74040	18.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	155669	91.698	ug/l	99
59) 2-Hexanone	9.48	43	247259	87.415	ug/l	97
60) Dibromochloromethane	9.58	129	42092	18.471	ug/l	100
61) 1,2-Dibromoethane	9.67	107	44286	18.903	ug/l	100
64) Tetrachloroethene	9.33	164	40145	20.458	ug/l	98
65) Chlorobenzene	10.14	112	110291	18.609	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	41291	19.228	ug/l	99
67) Ethyl Benzene	10.25	91	200842	18.684	ug/l	99
68) m/p-Xylenes	10.35	106	150206	37.301	ug/l	100
69) o-Xylene	10.70	106	71770	18.419	ug/l	97
70) Styrene	10.71	104	122989	18.828	ug/l	99
71) Bromoform	10.85	173	26581	17.777	ug/l #	99
73) Isopropylbenzene	11.01	105	197610	18.975	ug/l	100
74) N-amyl acetate	10.89	43	84815	17.071	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	63413	18.386	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	71462	21.128	ug/l	86
77) Bromobenzene	11.25	156	43587	18.492	ug/l	98
78) n-propylbenzene	11.35	91	216884	18.498	ug/l	100
79) 2-Chlorotoluene	11.42	91	132614	18.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165362	18.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18981	16.082	ug/l	97
82) 4-Chlorotoluene	11.51	91	154180	18.492	ug/l	100
83) tert-Butylbenzene	11.77	119	155806	18.495	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	170071	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	188494	19.237	ug/l	99
86) p-Isopropyltoluene	12.06	119	171573	19.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81135	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	80899	18.874	ug/l	98
89) n-Butylbenzene	12.39	91	141497	18.162	ug/l	99
90) Hexachloroethane	12.59	117	28524	18.096	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81697	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14351	16.634	ug/l	97

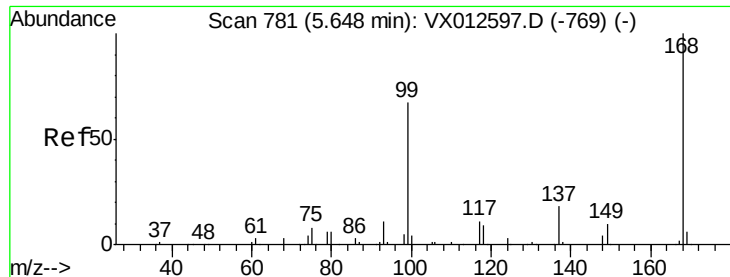
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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48975	18.911	ug/l	99
94) Hexachlorobutadiene	13.78	225	22226	19.949	ug/l	99
95) Naphthalene	13.83	128	176976	18.888	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	50613	19.510	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

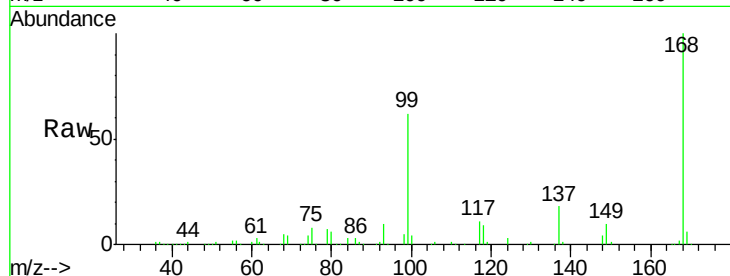
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 186478

Ion Ratio Lower Upper

168 100

99 62.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

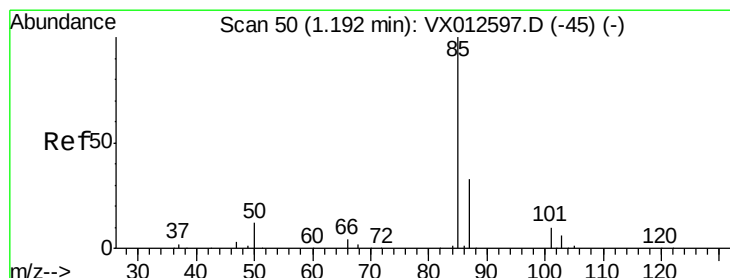
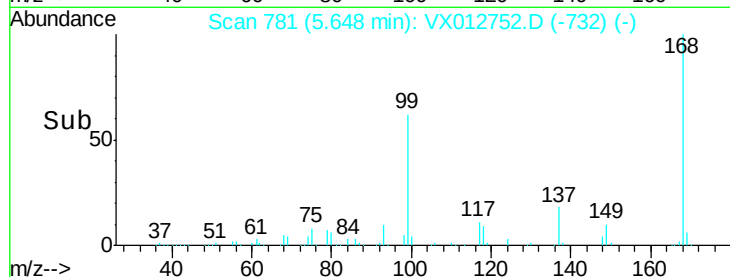
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.184 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012752.D

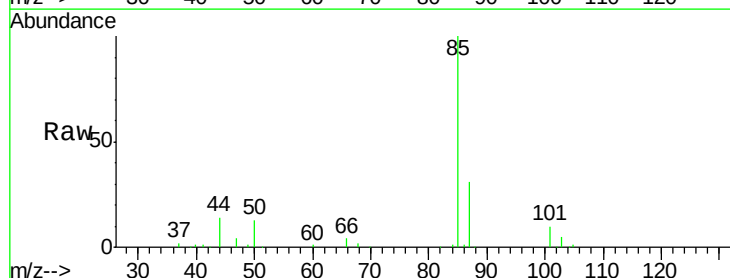
Acq: 02 Oct 2019 11:43

Tgt Ion: 85 Resp: 33952

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

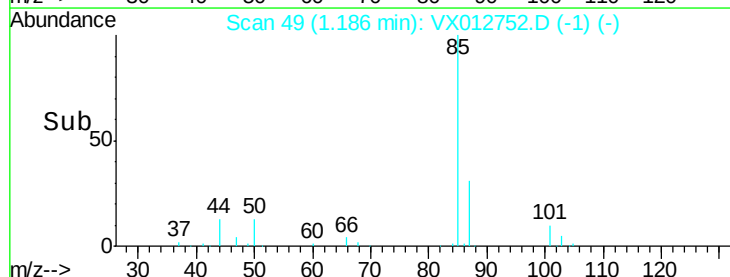
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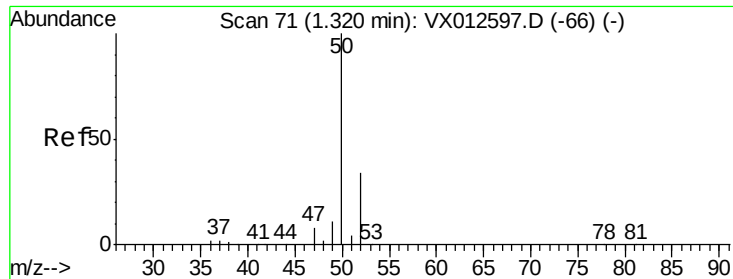
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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.355 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

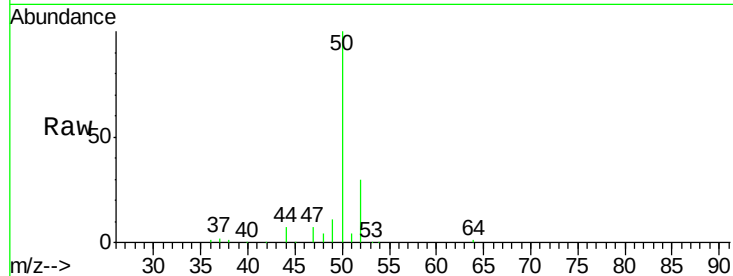
ClientSampleId :

Tot Ion: 50 Resp: 39398

Ion Ratio Lower Upper

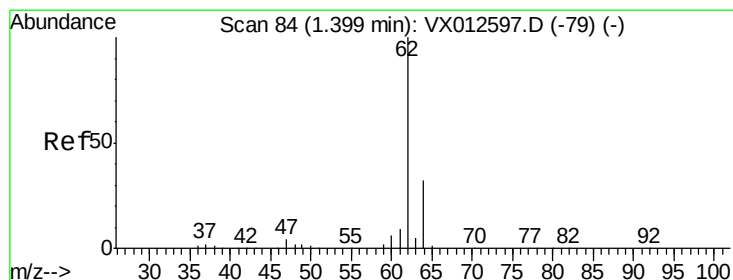
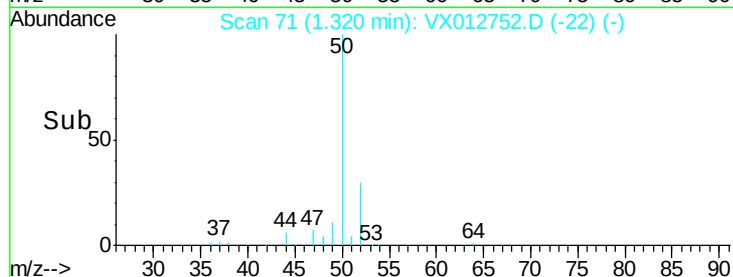
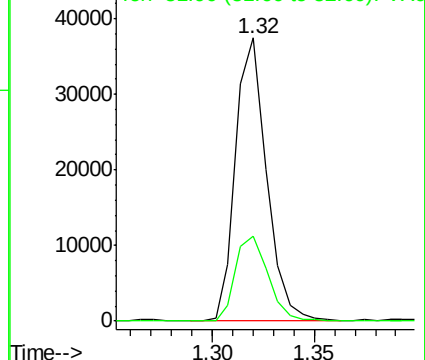
50 100

52 30.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.755 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012752.D

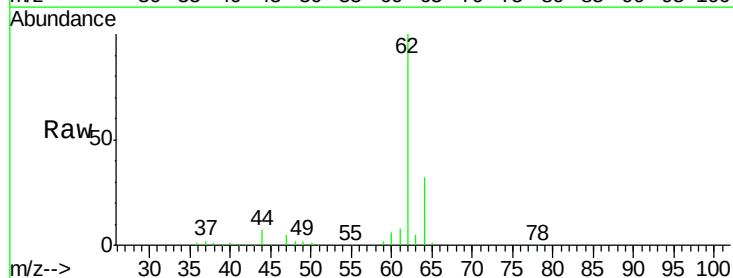
Acq: 02 Oct 2019 11:43

Tgt Ion: 62 Resp: 40118

Ion Ratio Lower Upper

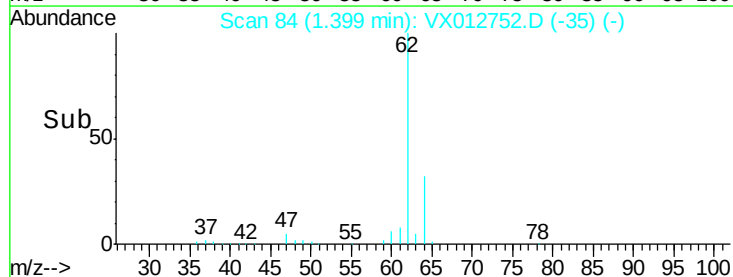
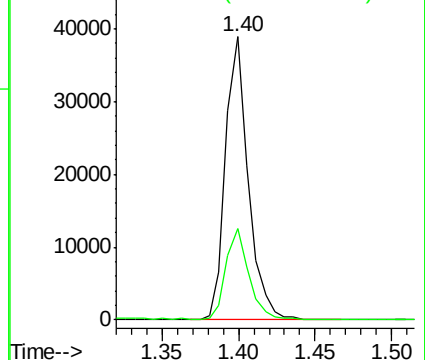
62 100

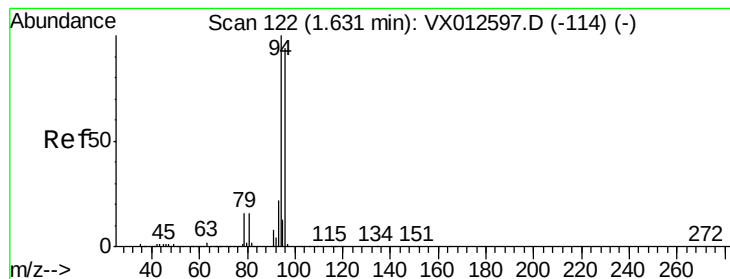
64 32.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.983 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

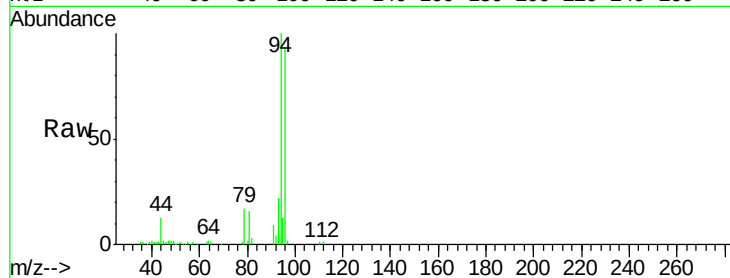
ClientSampleId :

Tot Ion: 94 Resp: 18812

Ion Ratio Lower Upper

94 100

96 93.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

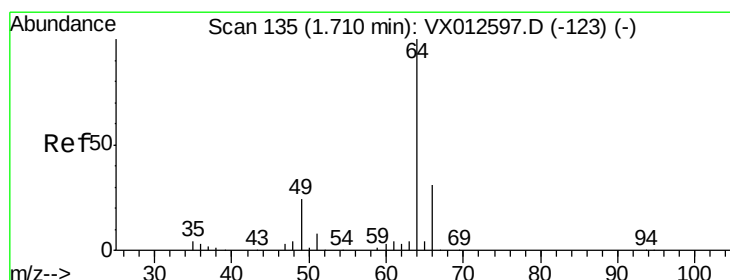
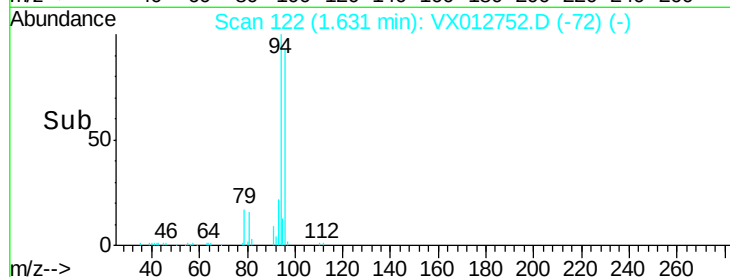
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 16.487 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012752.D

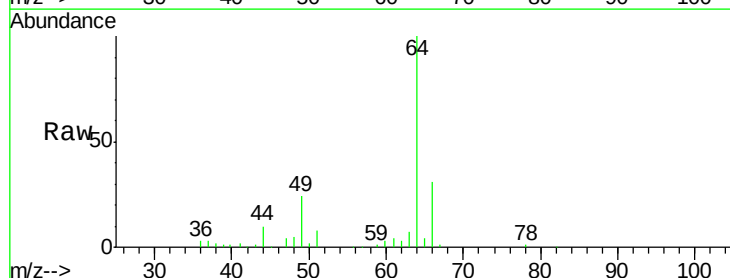
Acq: 02 Oct 2019 11:43

Tgt Ion: 64 Resp: 26613

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

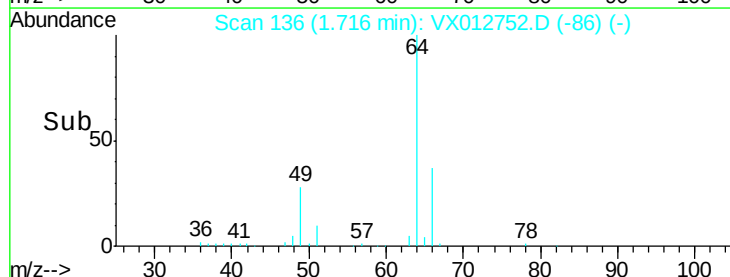
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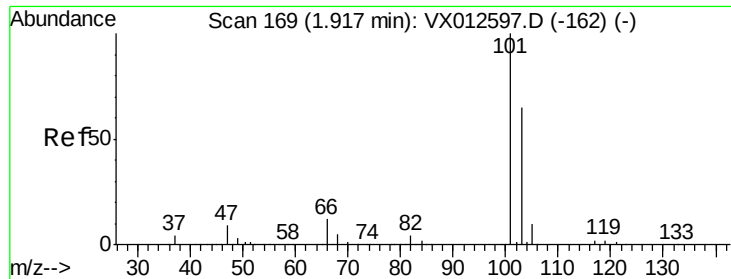
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5000

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Time-->



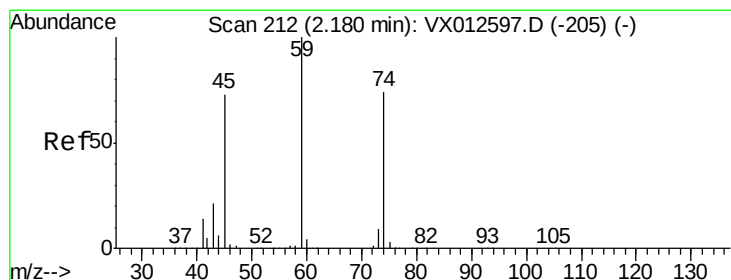
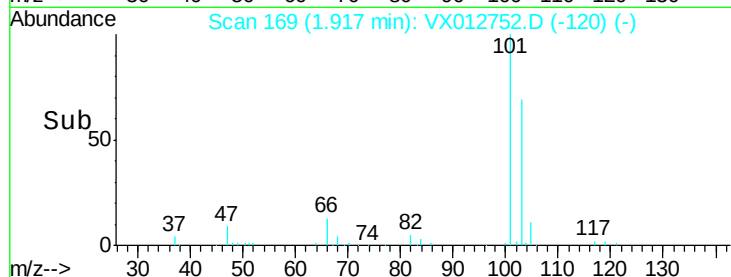
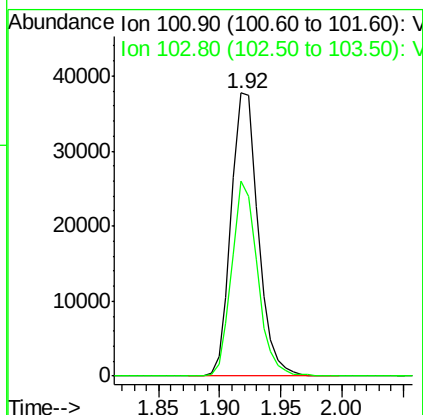
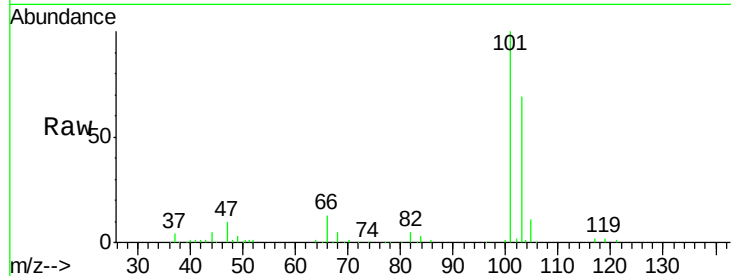


#7

Trichlorofluoromethane
Concen: 17.150 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

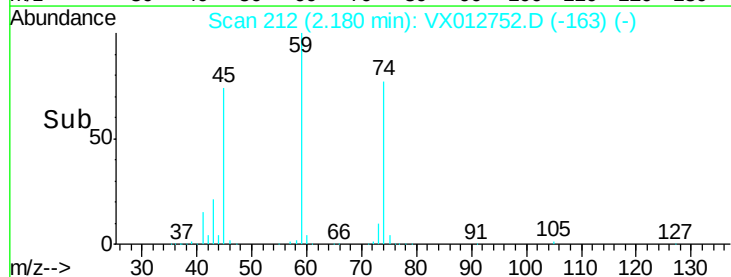
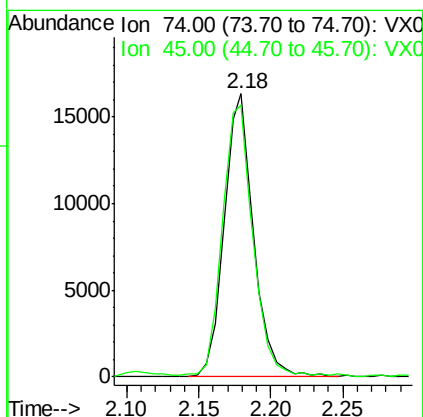
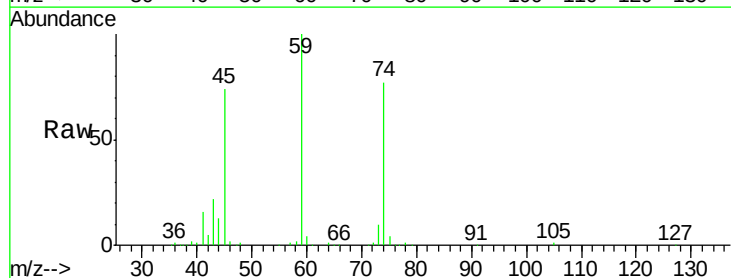
Tot Ion:101 Resp: 57652
Ion Ratio Lower Upper
101 100
103 68.9 51.0 76.4

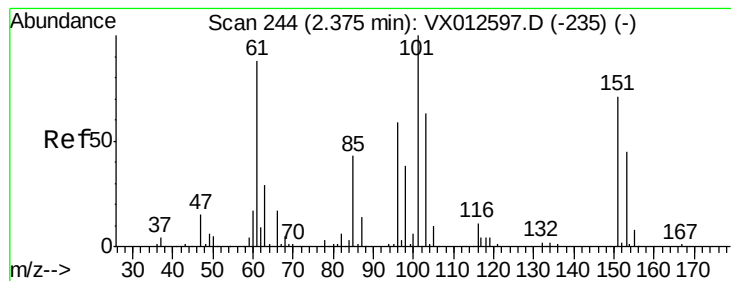


#8

Diethyl Ether
Concen: 16.896 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 74 Resp: 23277
Ion Ratio Lower Upper
74 100
45 99.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.267 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

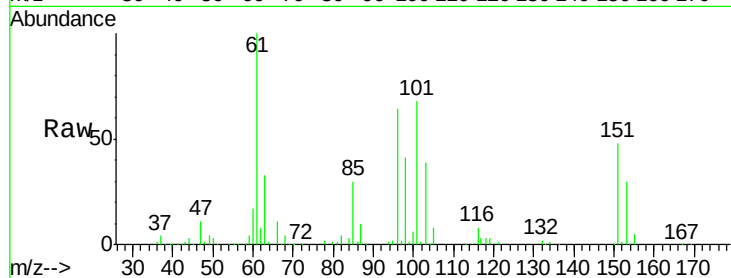
Tot Ion:101 Resp: 37402

Ion Ratio Lower Upper

101 100

85 45.1 37.3 55.9

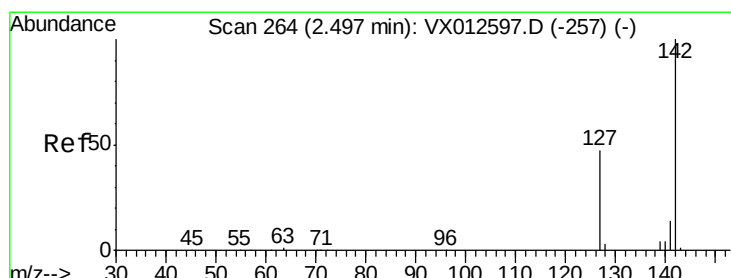
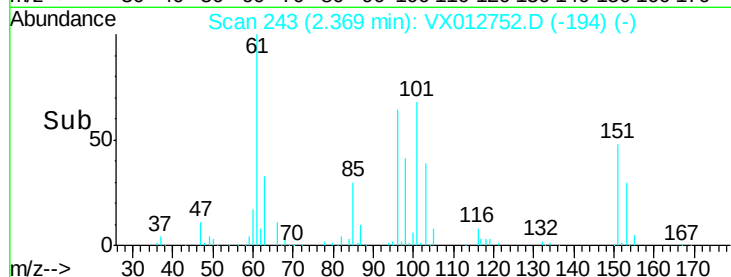
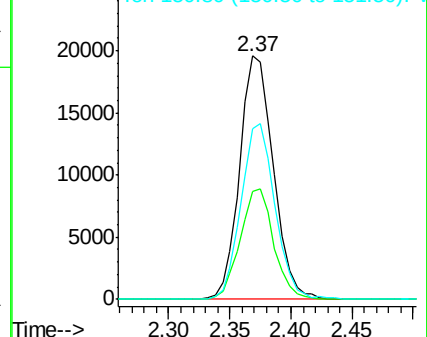
151 72.7 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.310 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

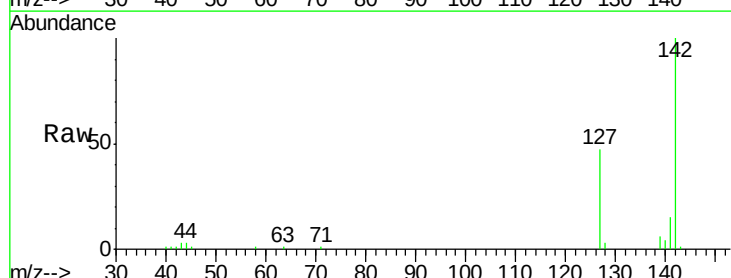
Tgt Ion:142 Resp: 31979

Ion Ratio Lower Upper

142 100

127 45.4 40.8 61.2

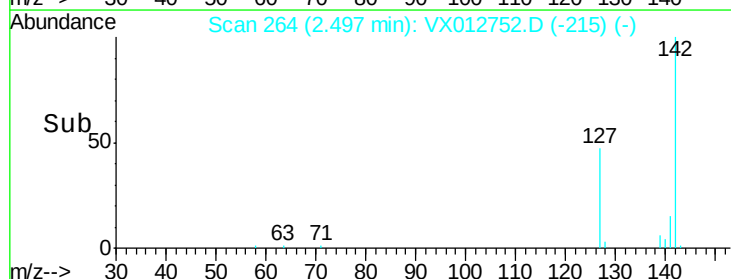
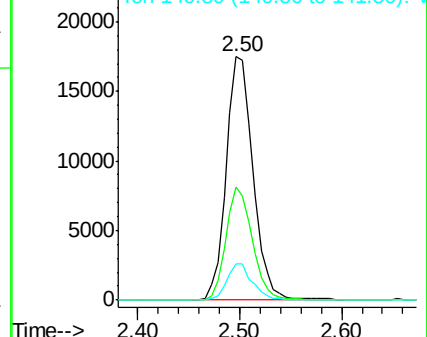
141 14.2 12.1 18.1

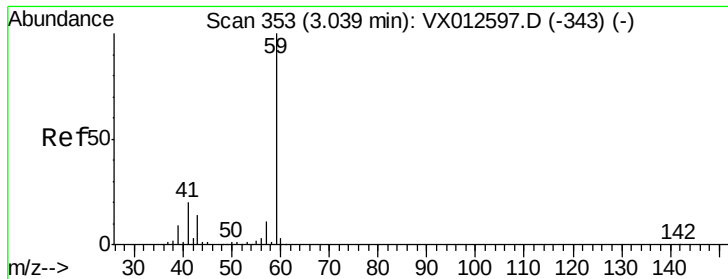


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



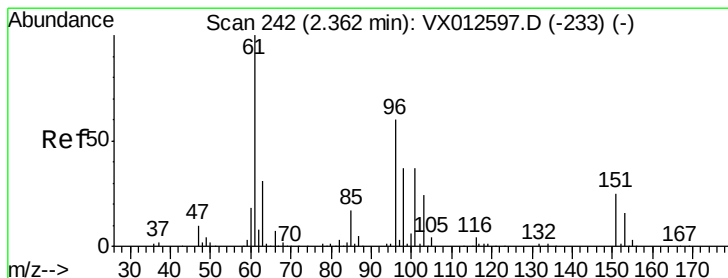
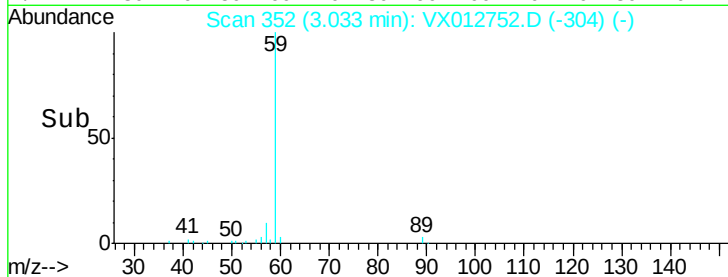
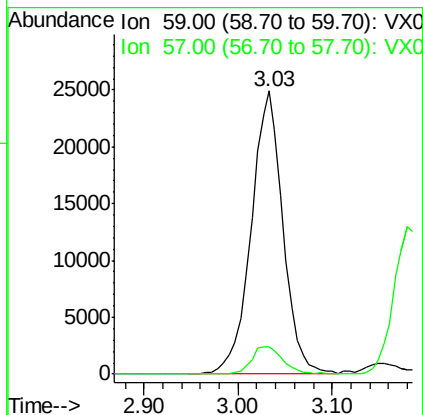
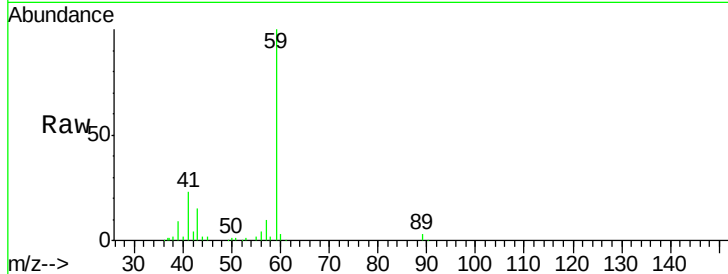


#11

Tert butyl alcohol
 Concen: 86.941 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

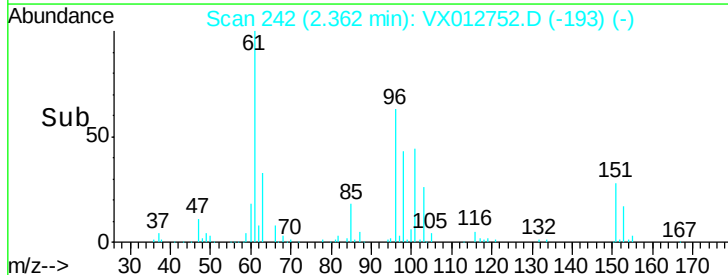
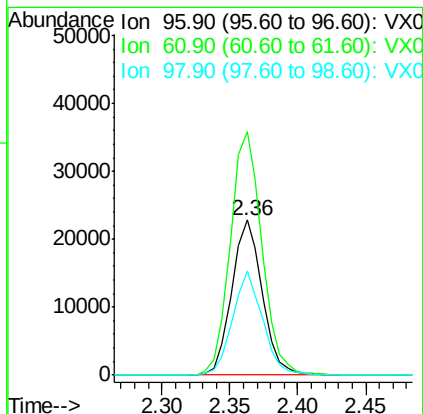
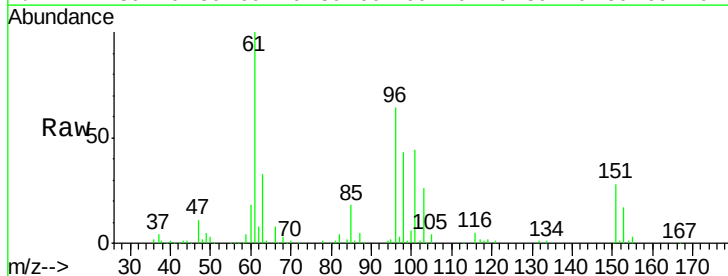
Tot Ion: 59 Resp: 58976
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

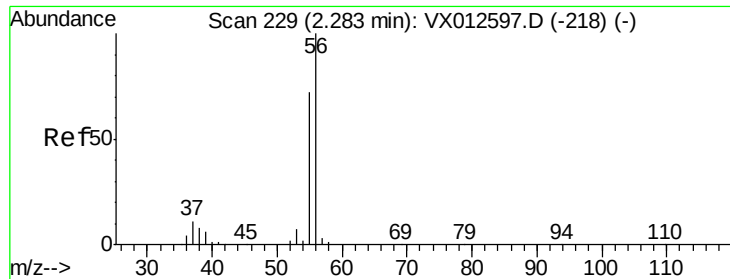


#12

1,1-Dichloroethene
 Concen: 17.754 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 96 Resp: 35597
 Ion Ratio Lower Upper
 96 100
 61 157.2 133.8 200.6
 98 67.2 49.9 74.9





#13

Acrolein

Concen: 72.597 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

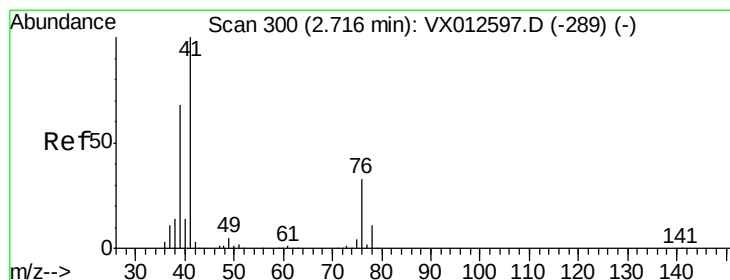
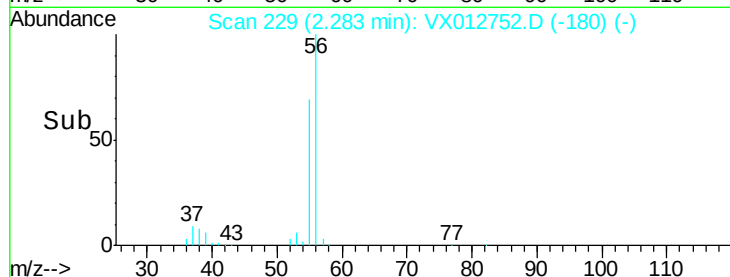
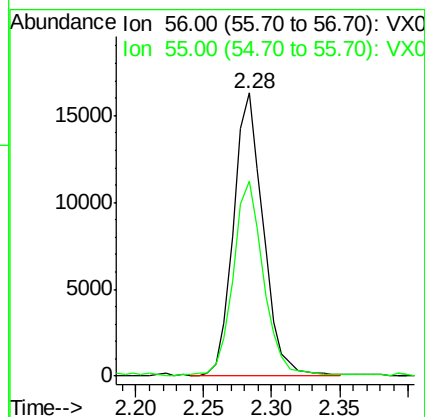
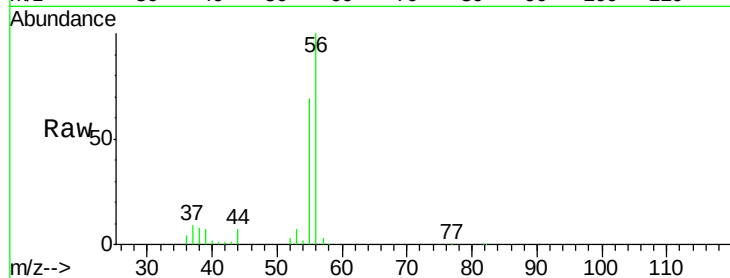
ClientSampleId :

Tot Ion: 56 Resp: 24572

Ion Ratio Lower Upper

56 100

55 71.5 55.8 83.8



#14

Allyl chloride

Concen: 16.688 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

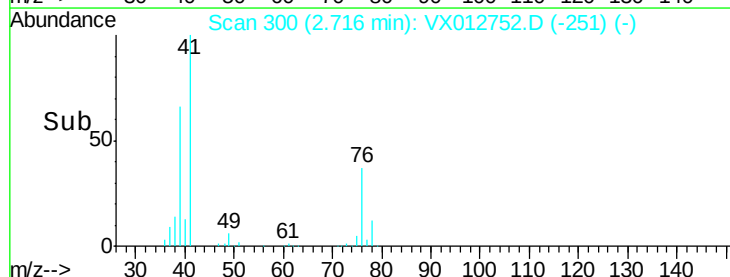
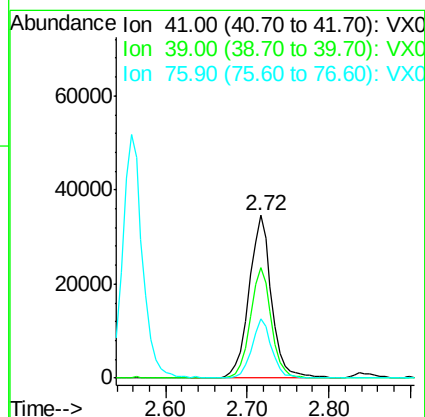
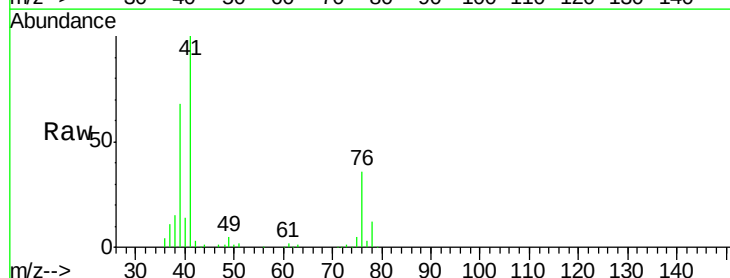
Tgt Ion: 41 Resp: 66381

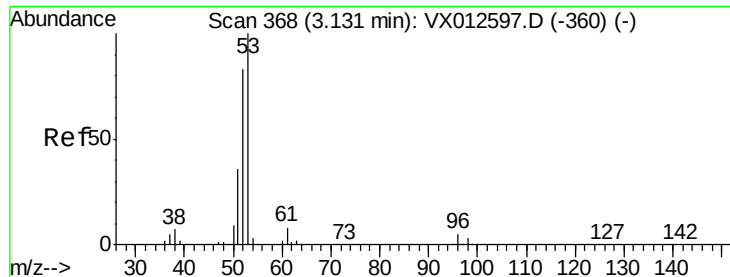
Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

76 32.2 22.6 33.8





#15

Acrylonitrile

Concen: 88.211 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

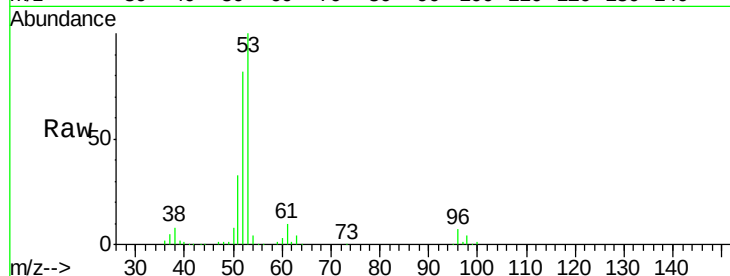
Tot Ion: 53 Resp: 121398

Ion Ratio Lower Upper

53 100

52 80.3 67.0 100.4

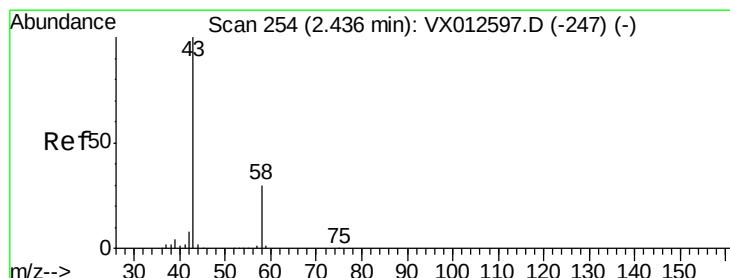
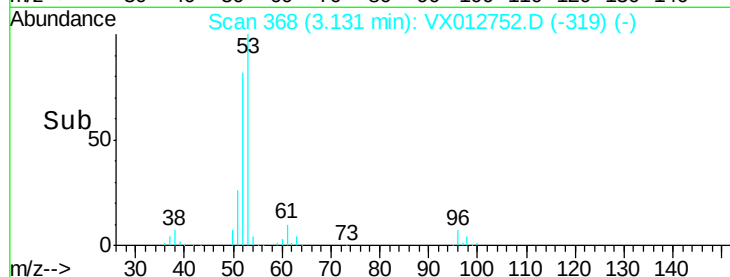
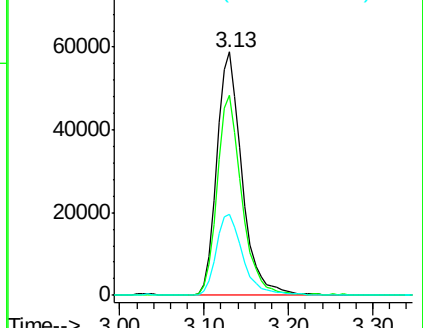
51 35.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 84.192 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012752.D

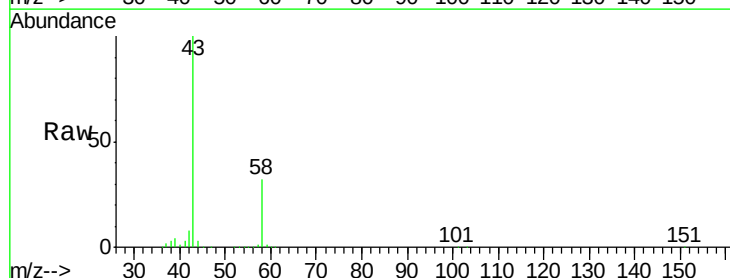
Acq: 02 Oct 2019 11:43

Tgt Ion: 43 Resp: 121097

Ion Ratio Lower Upper

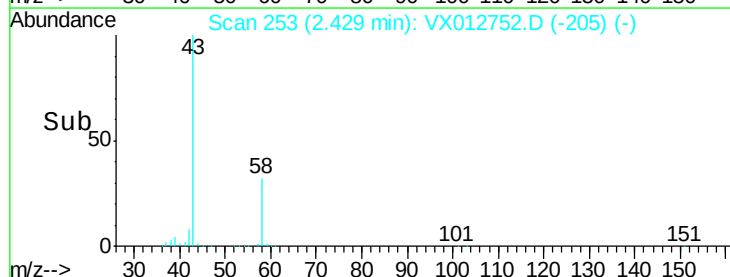
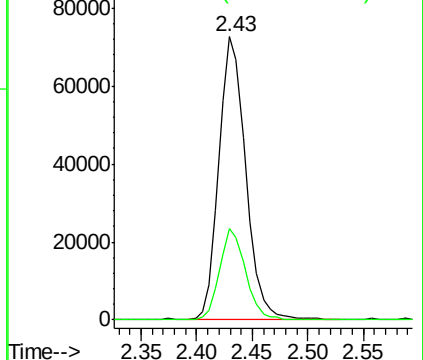
43 100

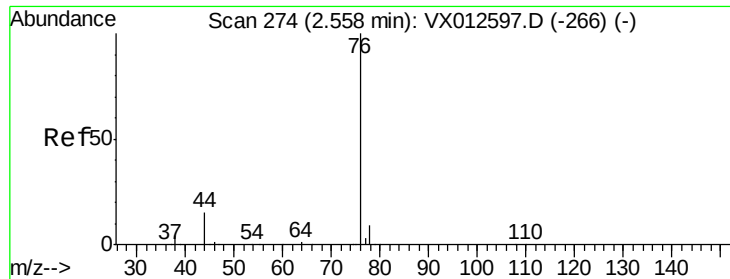
58 32.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

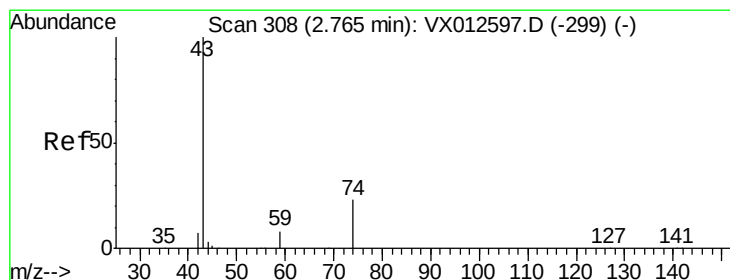
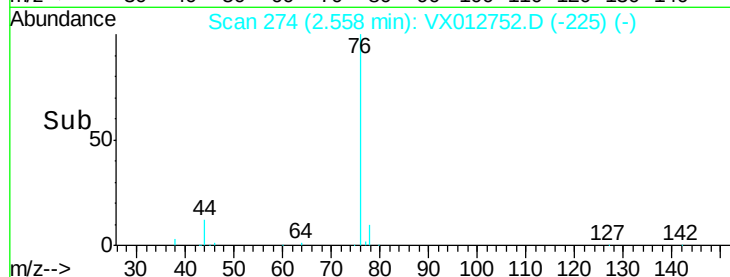
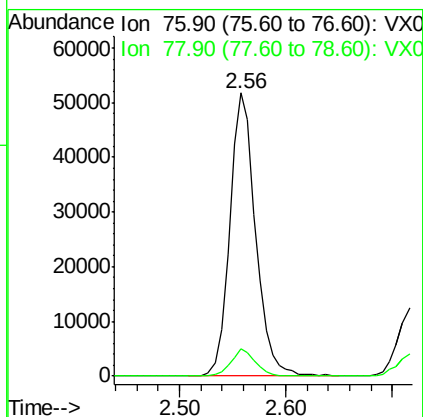
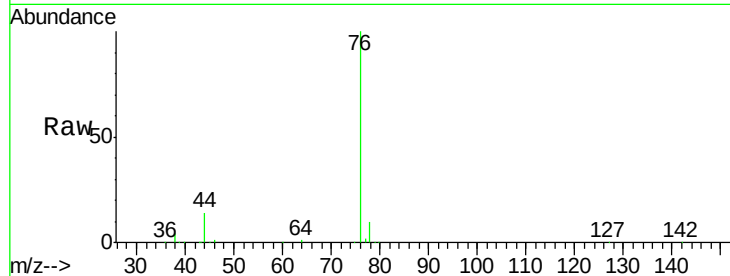




#17
Carbon Disulfide
Concen: 15.614 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

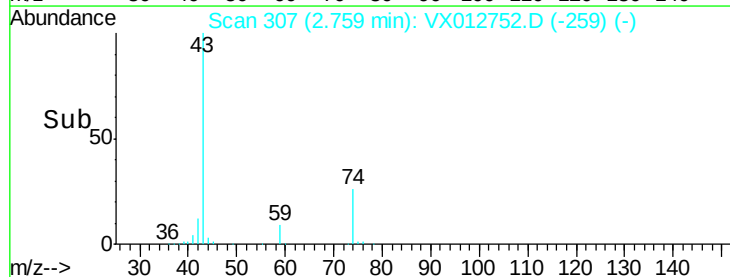
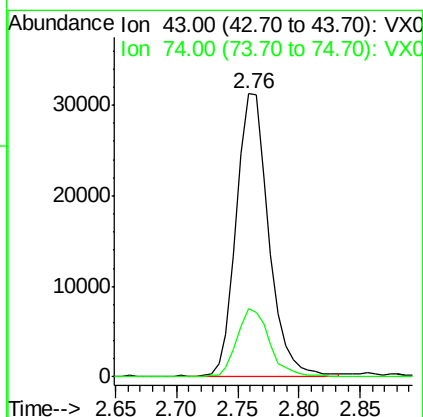
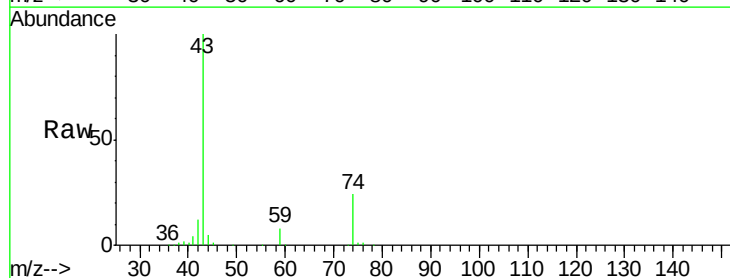
Instrument :
MSVOA_X
ClientSampleId :

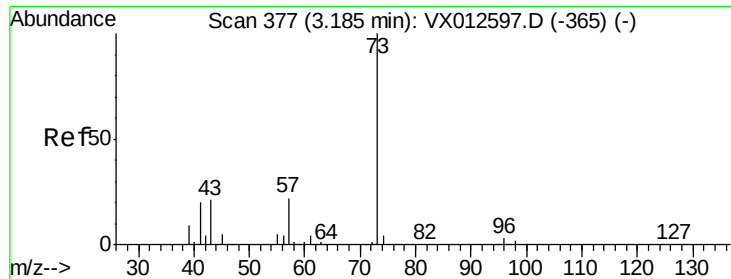
Tot Ion: 76 Resp: 87765
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 16.956 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 43 Resp: 57428
Ion Ratio Lower Upper
43 100
74 24.3 17.7 26.5

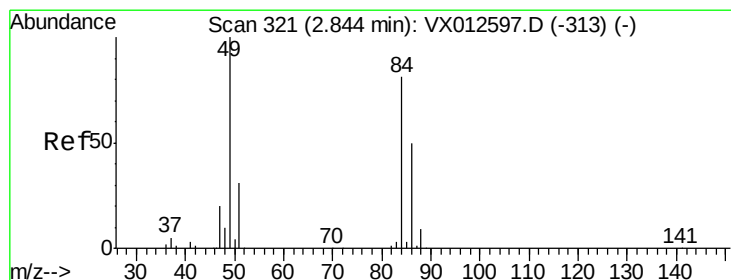
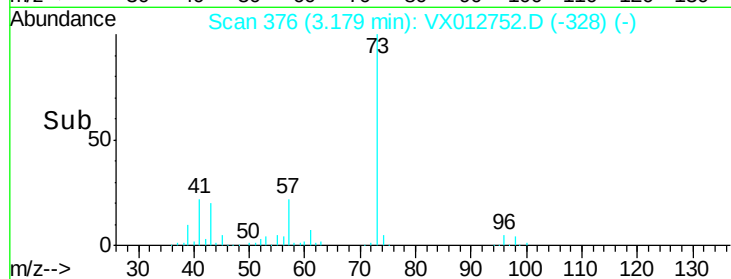
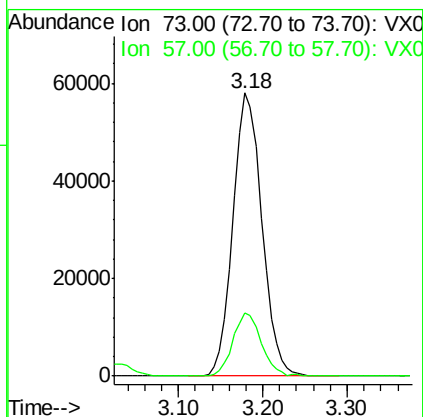
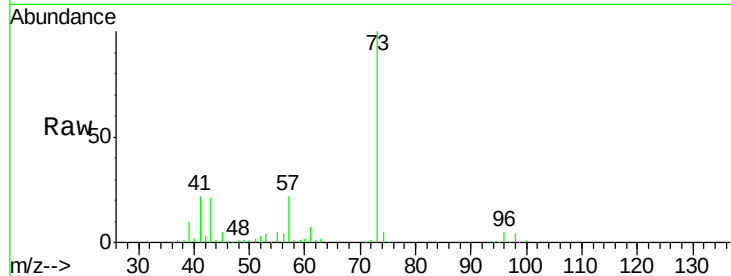




#19
Methyl tert-butyl Ether
Concen: 17.744 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

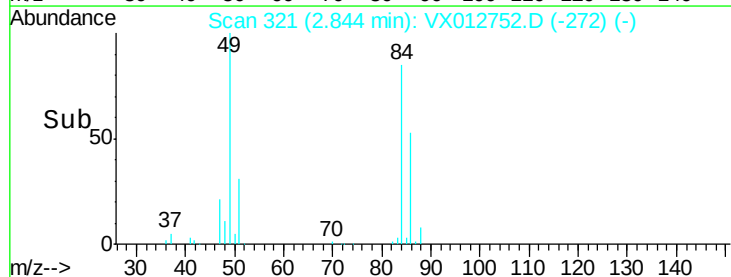
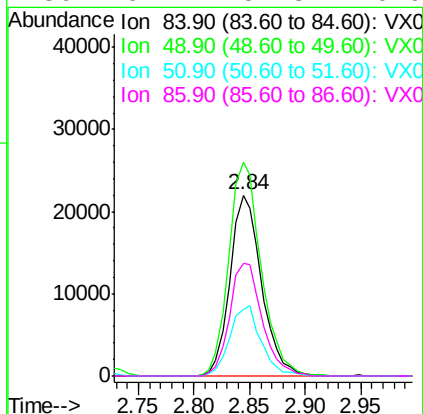
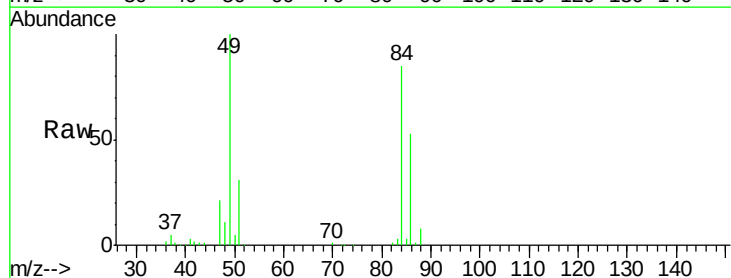
Instrument :
MSVOA_X
ClientSampleId :

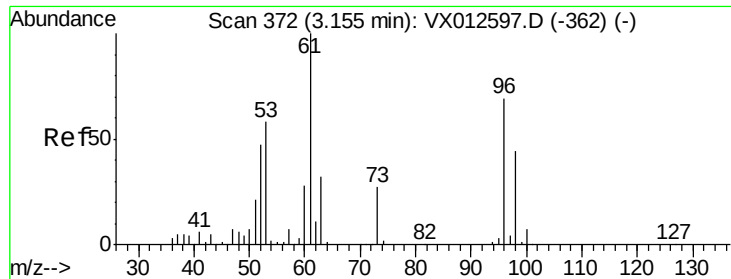
Tot Ion: 73 Resp: 134659
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2



#20
Methylene Chloride
Concen: 17.738 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 84 Resp: 43152
Ion Ratio Lower Upper
84 100
49 118.0 106.8 160.2
51 36.6 32.3 48.5
86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.959 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

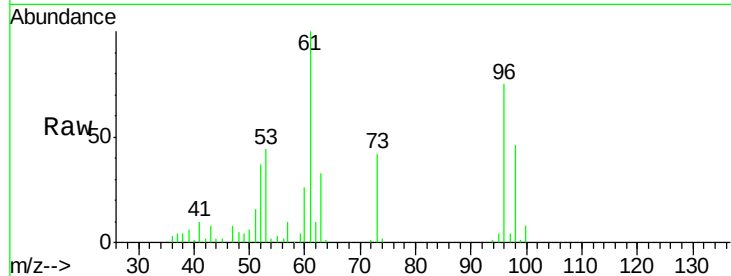
Tot Ion: 96 Resp: 39891

Ion Ratio Lower Upper

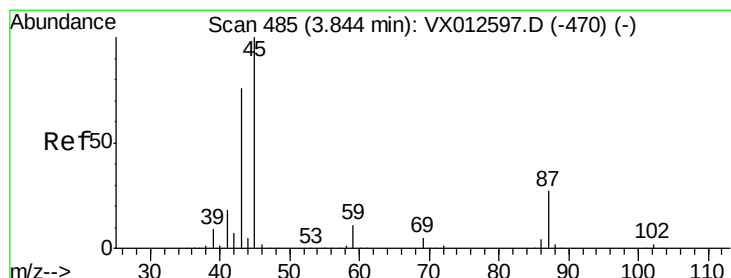
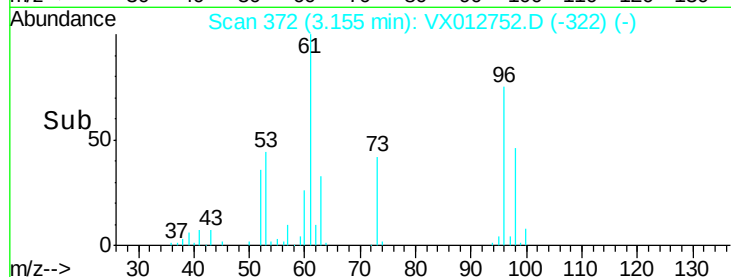
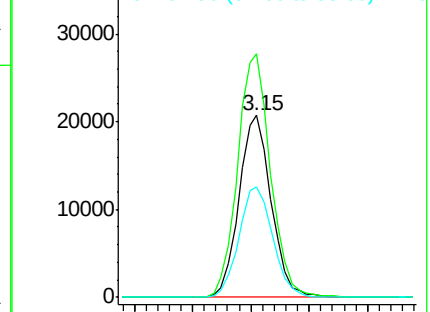
96 100

61 133.9 112.0 168.0

98 61.0 47.8 71.8



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: 17.598 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Tgt Ion: 45 Resp: 135261

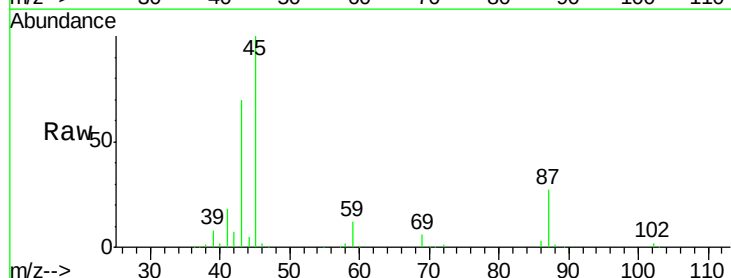
Ion Ratio Lower Upper

45 100

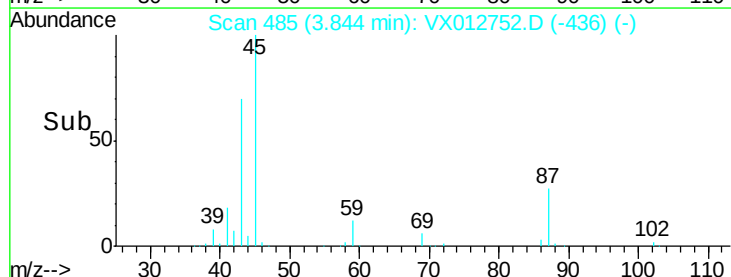
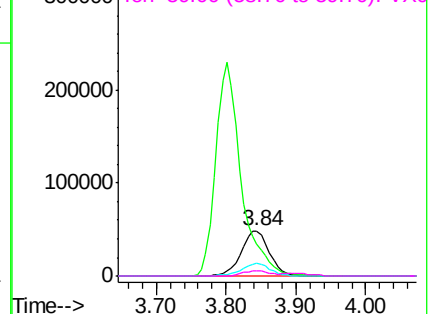
43 69.0 57.8 86.8

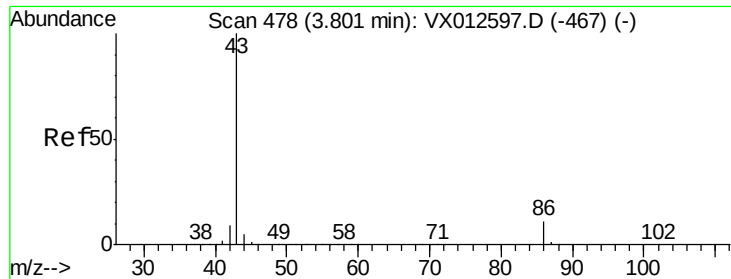
87 27.2 21.3 31.9

59 12.2 8.5 12.7



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

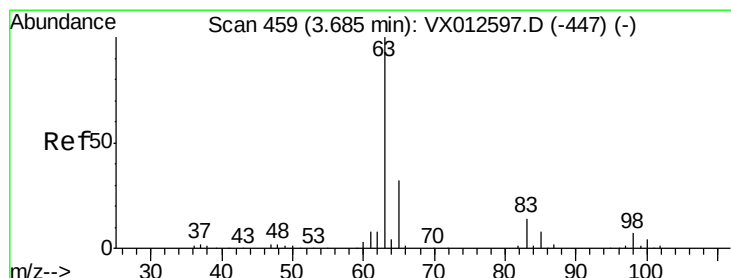
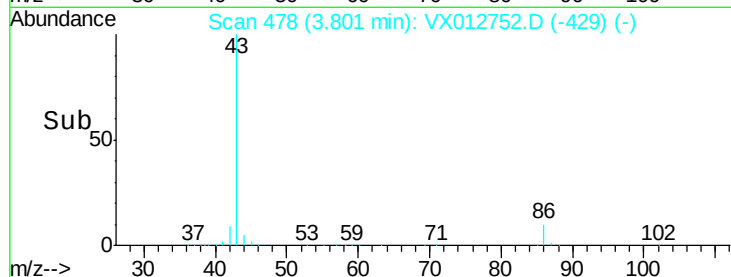
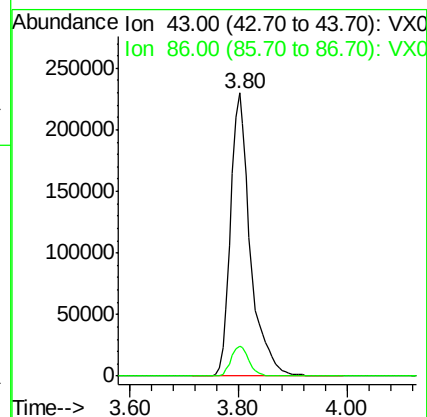
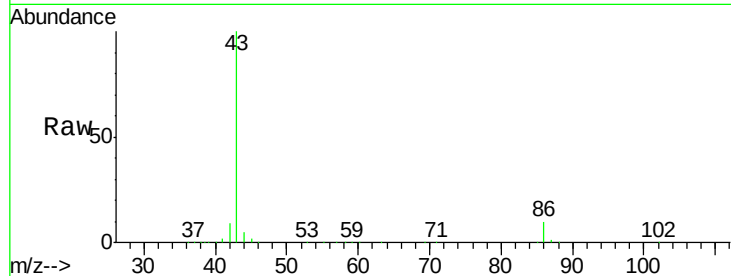




#23
 Vinyl Acetate
 Concen: 86.183 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

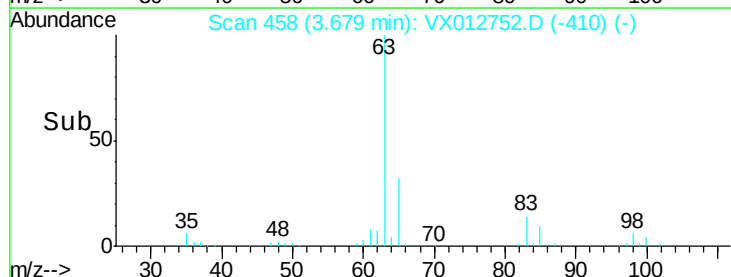
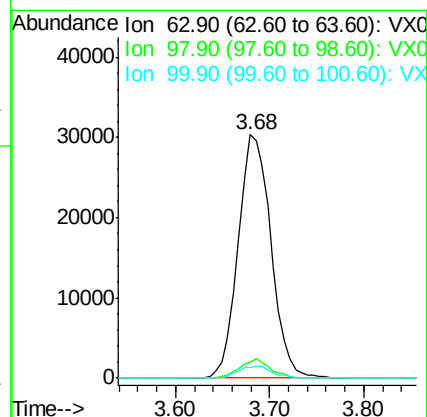
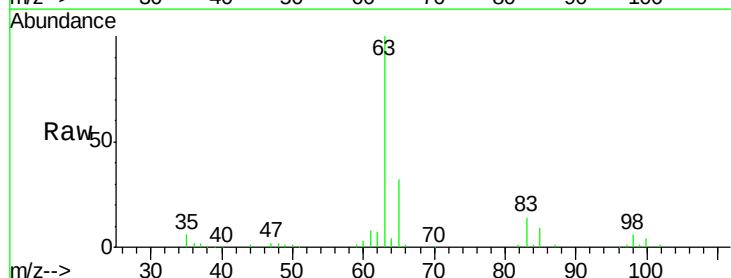
Instrument :
 MSVOA_X
 ClientSampled :

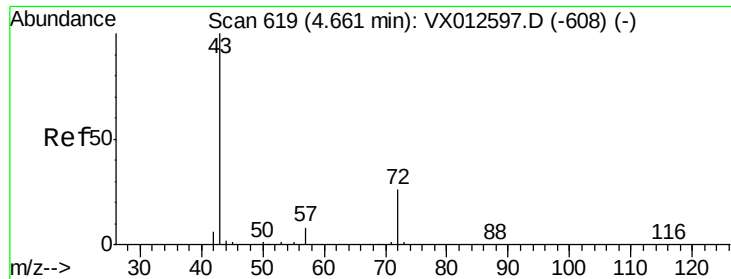
Tot Ion: 43 Resp: 580919
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 17.668 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 63 Resp: 73818
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.5 2.3 6.9





#25

2-Butanone

Concen: 83.840 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

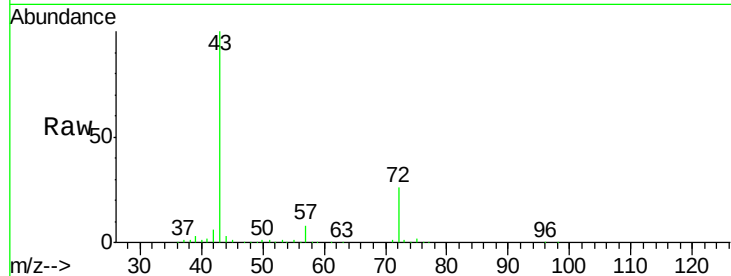
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 172909

Ion Ratio Lower Upper

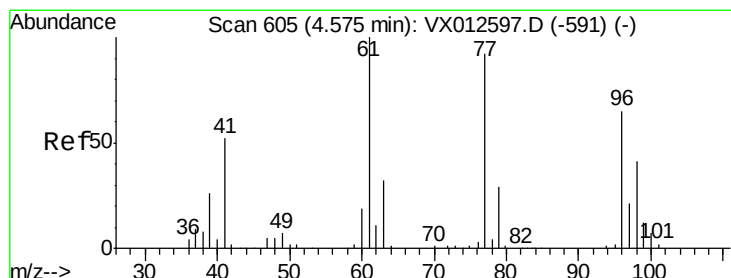
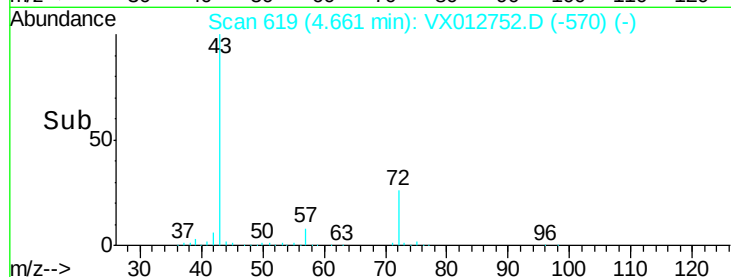
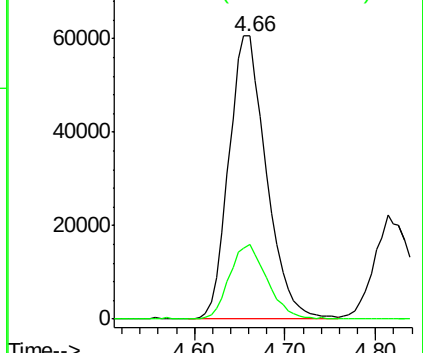
43 100

72 26.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.689 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012752.D

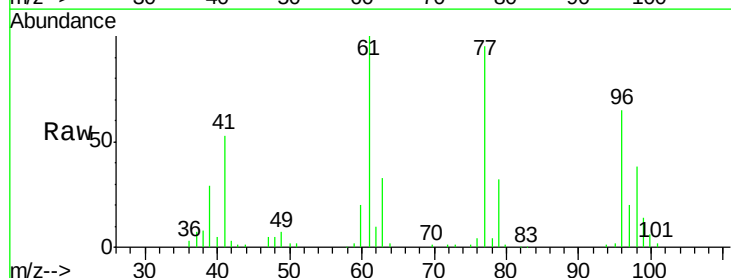
Acq: 02 Oct 2019 11:43

Tgt Ion: 77 Resp: 62016

Ion Ratio Lower Upper

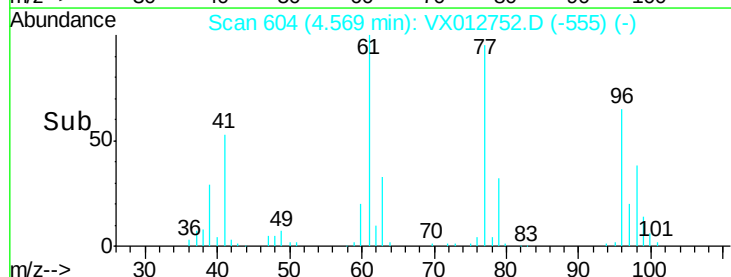
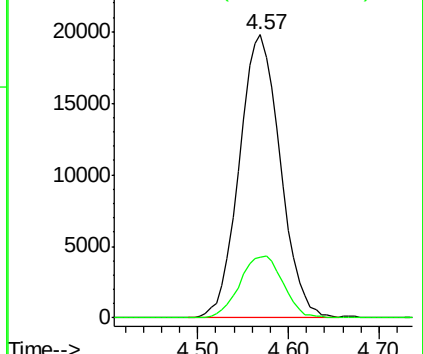
77 100

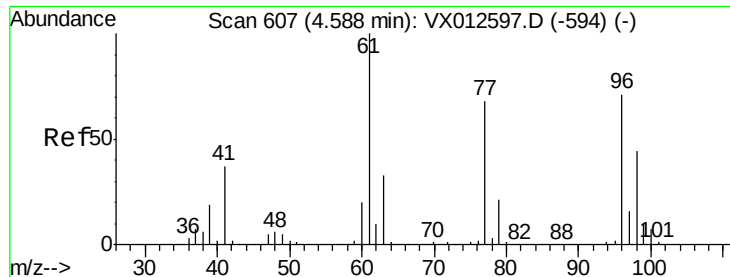
97 23.0 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



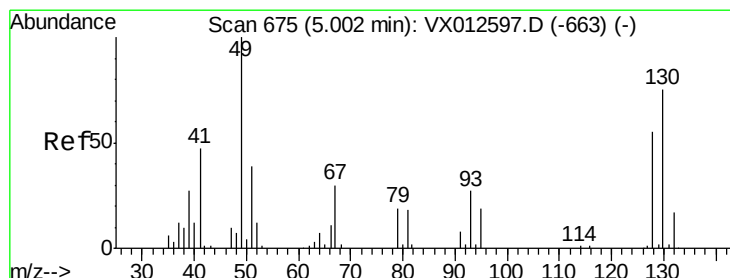
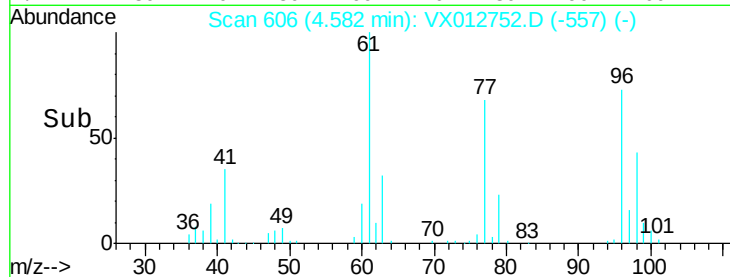
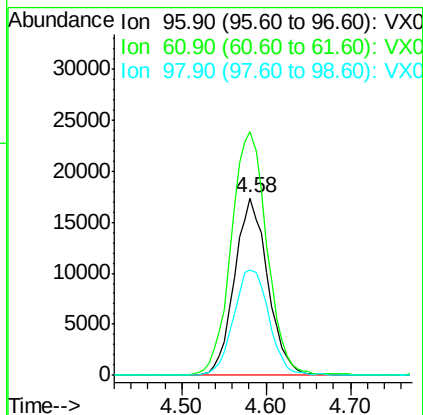
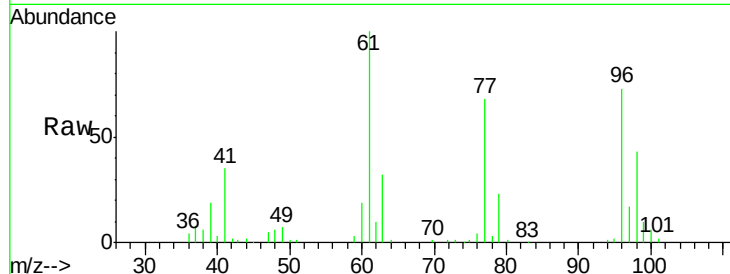


#27

cis-1,2-Dichloroethene
Concen: 17.950 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

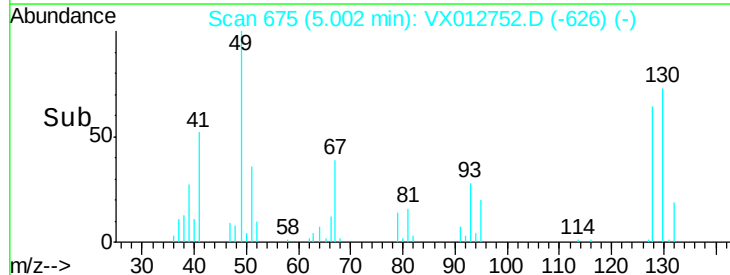
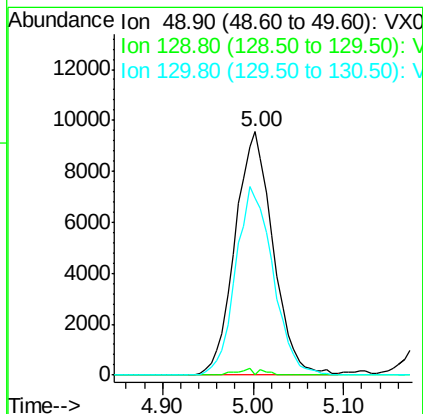
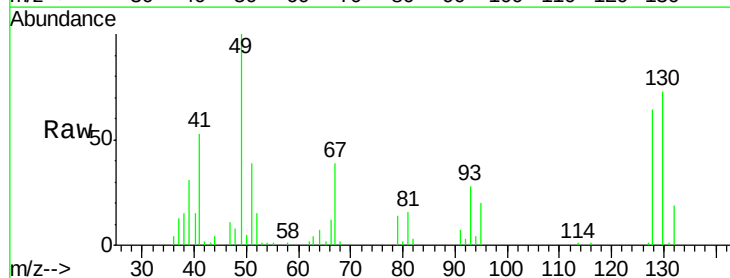
Tot Ion: 96 Resp: 46264
Ion Ratio Lower Upper
96 100
61 147.9 0.0 319.4
98 63.4 0.0 130.6

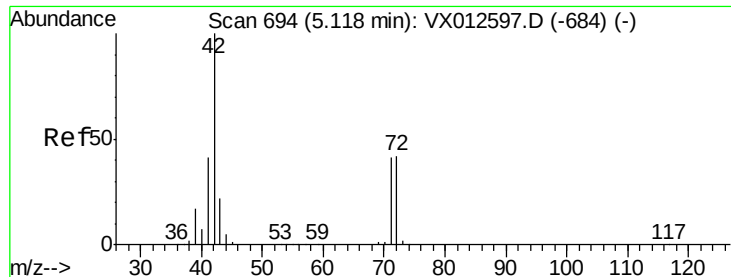


#28

Bromochloromethane
Concen: 18.396 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 49 Resp: 27908
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.8
130 0.0 58.2 87.4#

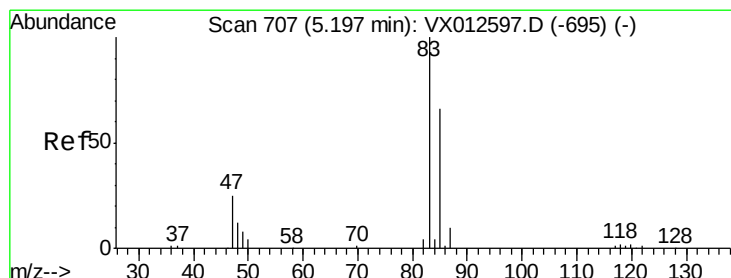
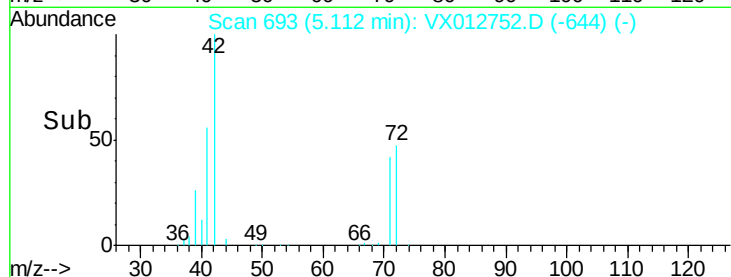
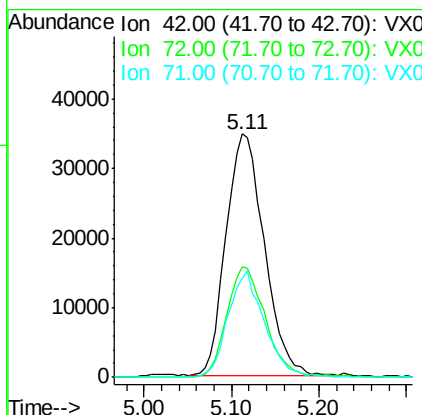
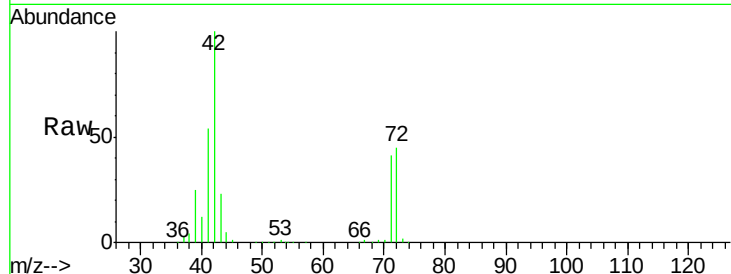




#29
Tetrahydrofuran
Concen: 84.164 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

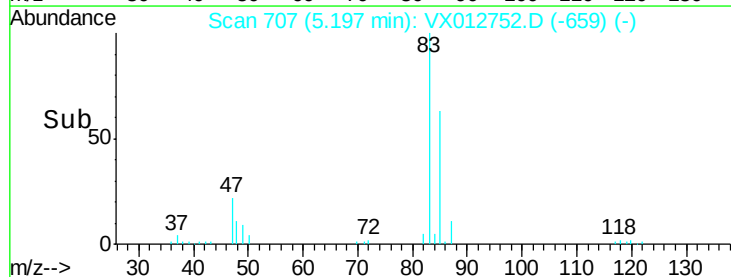
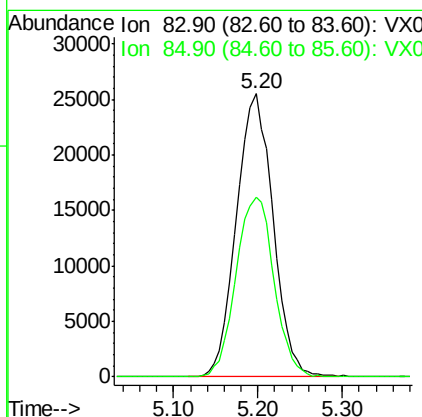
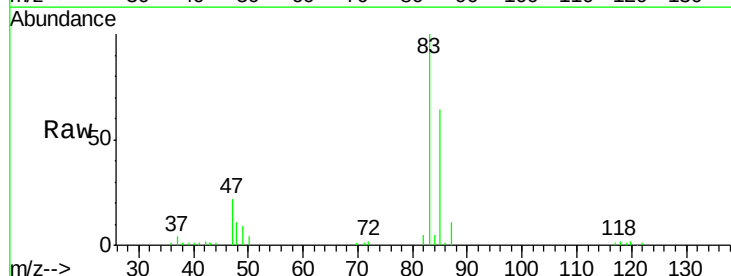
Instrument :
MSVOA_X
ClientSampleId :

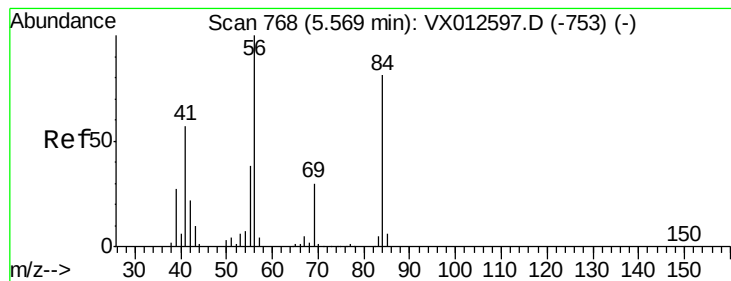
Tot Ion: 42 Resp: 105796
Ion Ratio Lower Upper
42 100
72 46.6 34.0 51.0
71 41.7 31.5 47.3



#30
Chloroform
Concen: 17.632 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 83 Resp: 75369
Ion Ratio Lower Upper
83 100
85 63.7 53.0 79.4





#31

Cyclohexane

Concen: 17.301 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

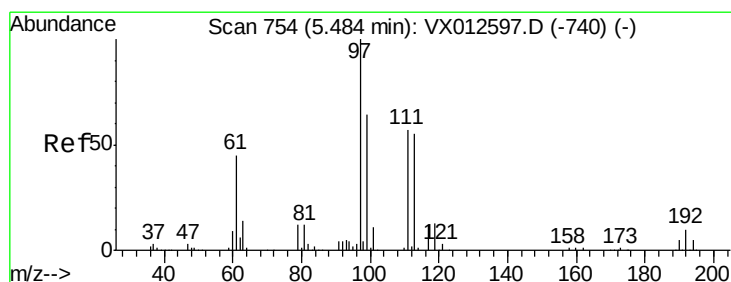
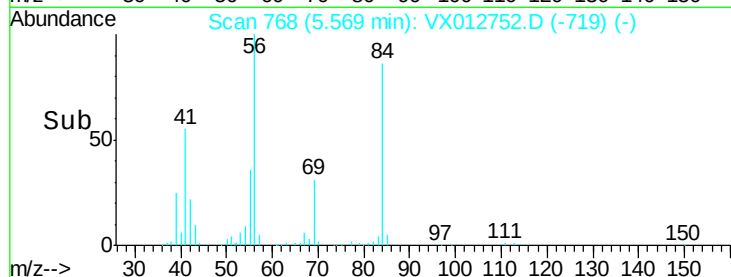
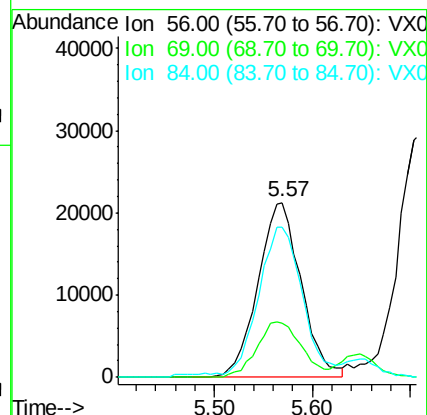
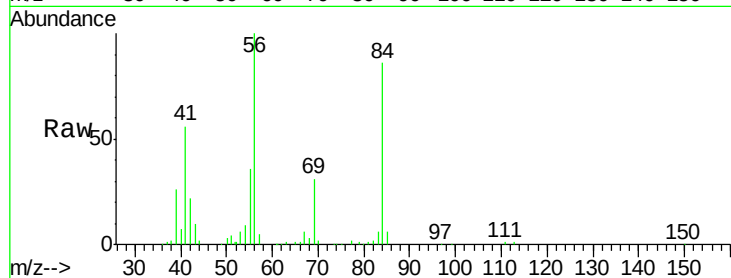
Tot Ion: 56 Resp: 65395

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.6

84 84.6 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 17.687 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

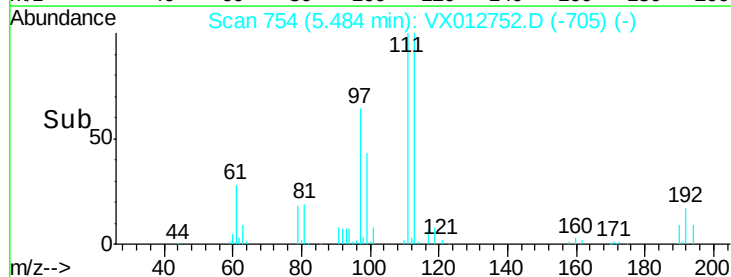
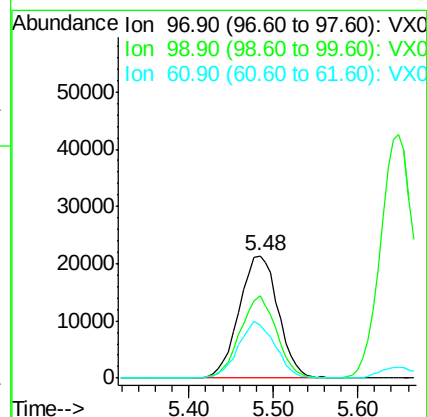
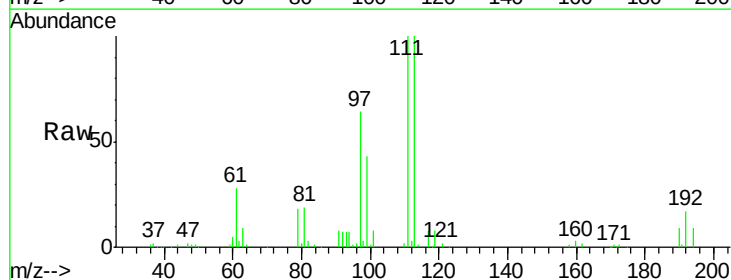
Tgt Ion: 97 Resp: 67007

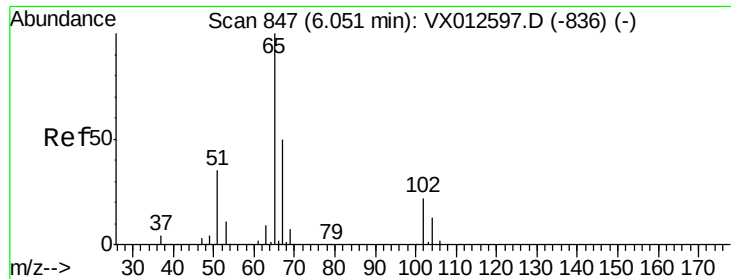
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 44.0 36.1 54.1

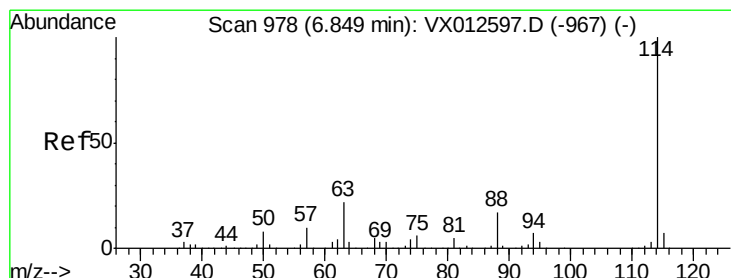
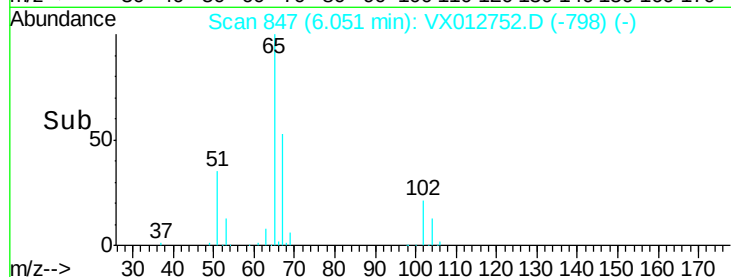
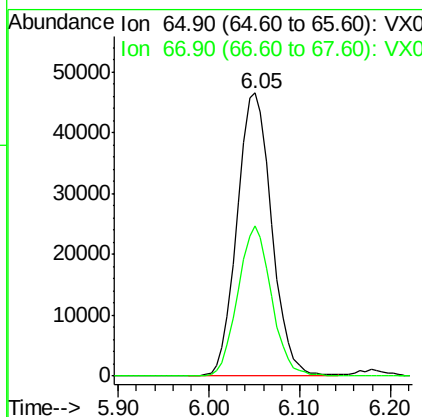
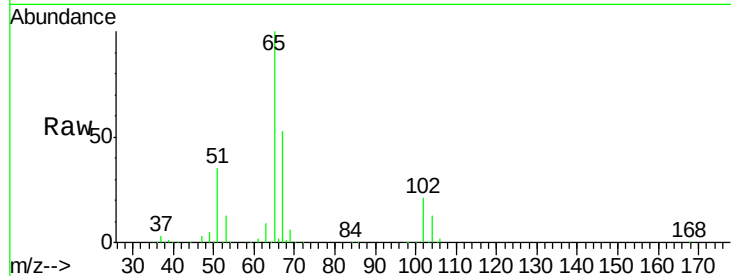




#33
 1,2-Dichloroethane-d4
 Concen: 45.302 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

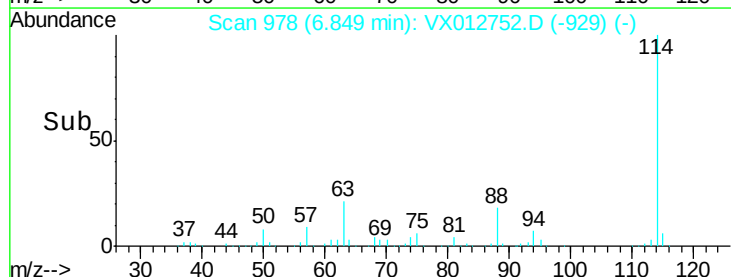
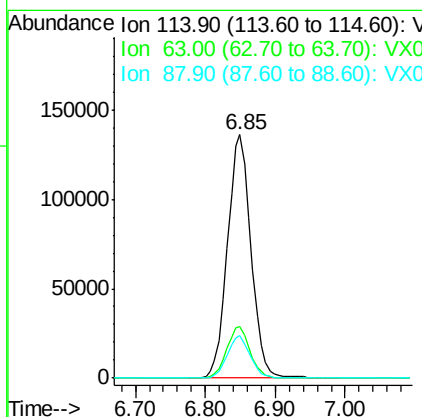
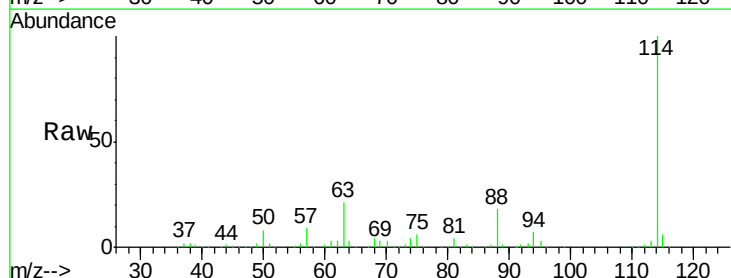
Instrument :
 MSVOA_X
 ClientSampled :

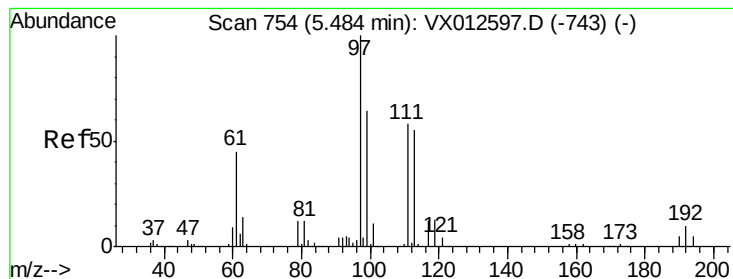
Tot Ion: 65 Resp: 123018
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 114 Resp: 317666
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 17.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.342 ug/l

RT: 5.48 min Scan# 754

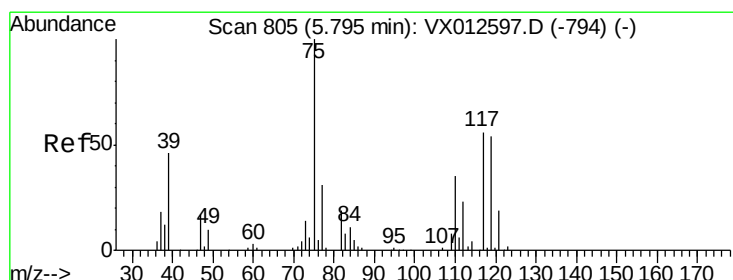
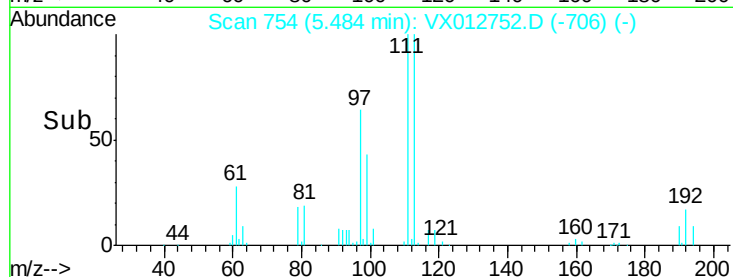
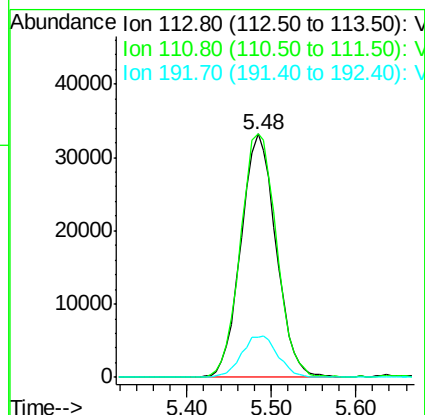
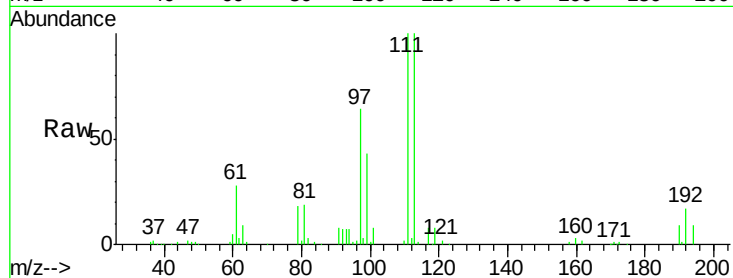
Delta R.T. -0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 93347
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 17.7 14.4 21.6



#36

1,1-Dichloropropene

Concen: 17.806 ug/l

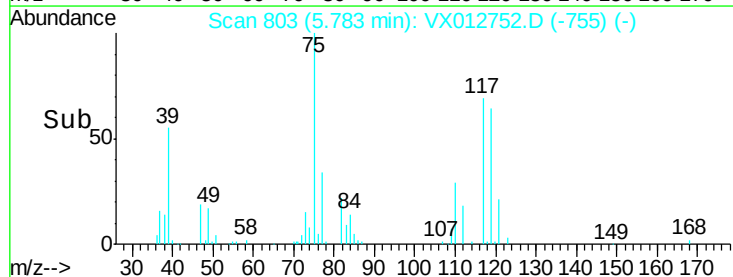
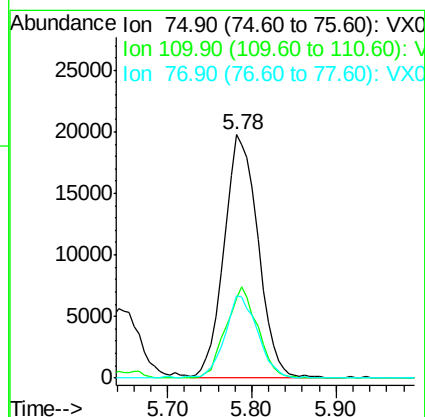
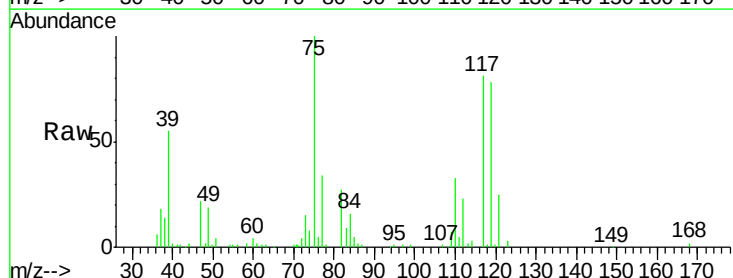
RT: 5.78 min Scan# 803

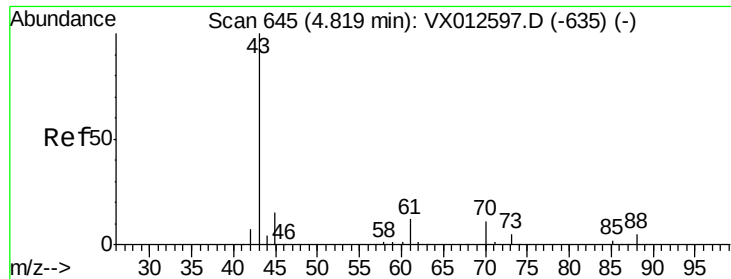
Delta R.T. -0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Tgt Ion: 75 Resp: 54520
Ion Ratio Lower Upper
75 100
110 34.8 16.7 50.0
77 32.7 24.2 36.2

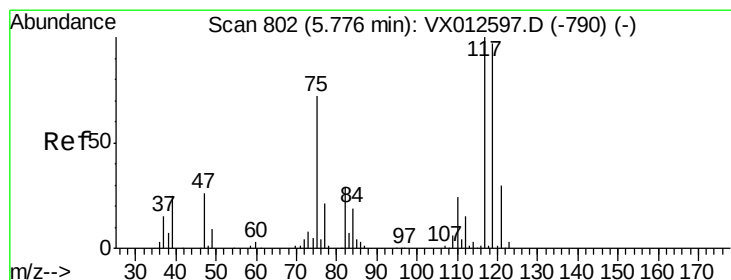
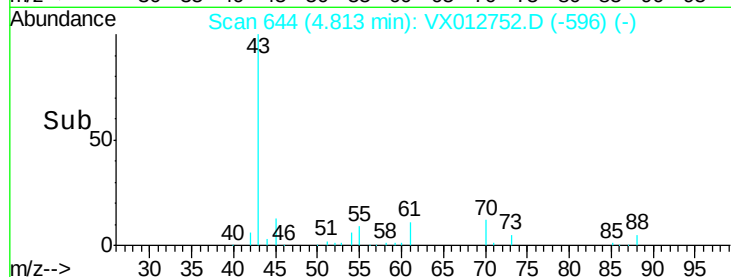
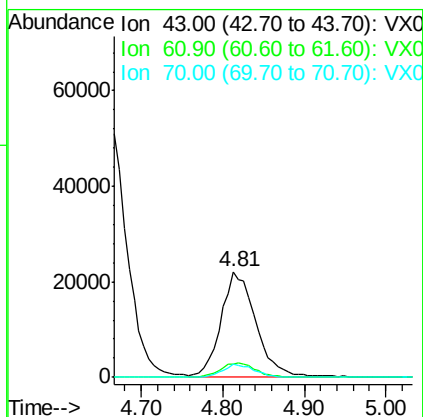
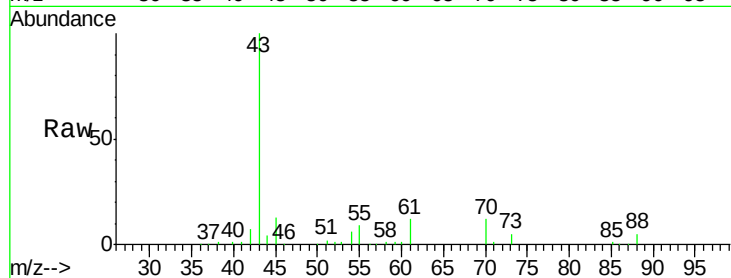




#37
Ethyl Acetate
Concen: 17.877 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

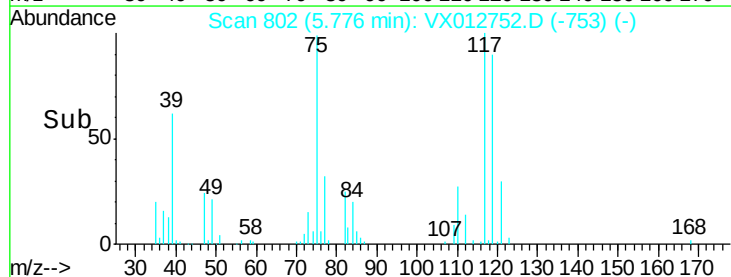
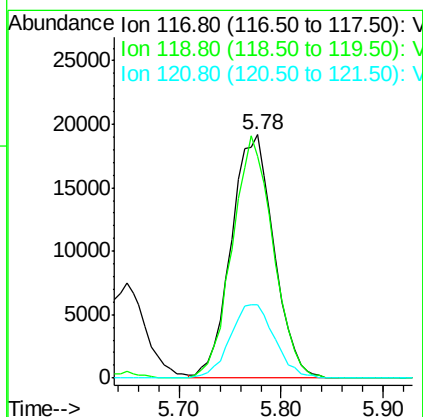
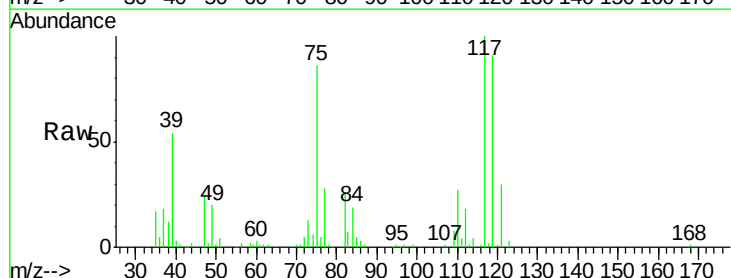
Instrument :
MSVOA_X
ClientSampleId :

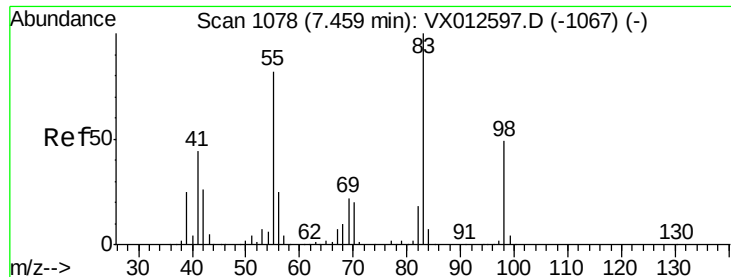
Tot Ion: 43 Resp: 63995
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 11.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 17.887 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 117 Resp: 55635
Ion Ratio Lower Upper
117 100
119 91.2 75.7 113.5
121 30.2 24.2 36.4

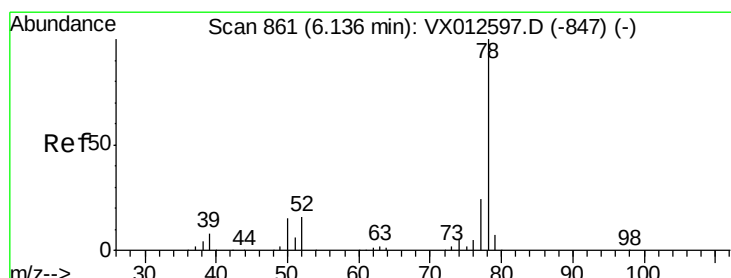
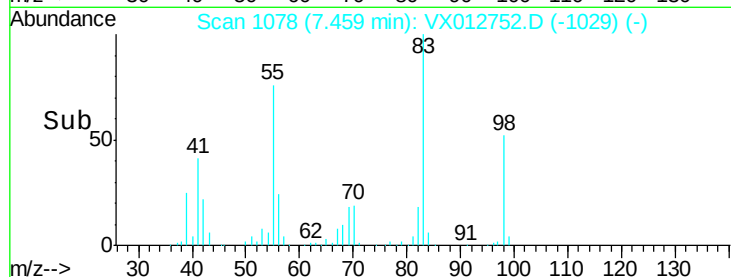
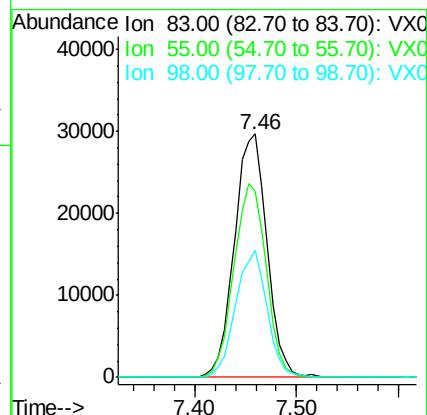
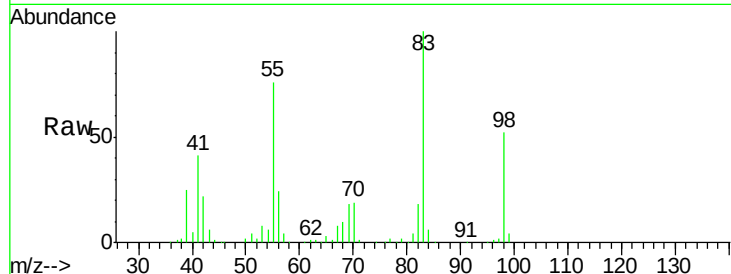




#39
Methylvlcyclohexane
Concen: 17.811 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

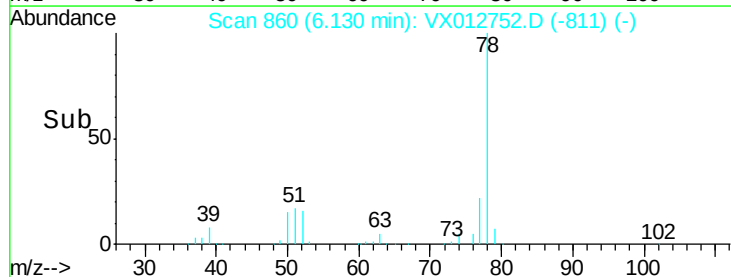
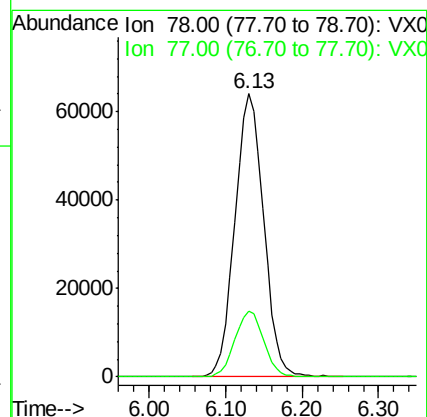
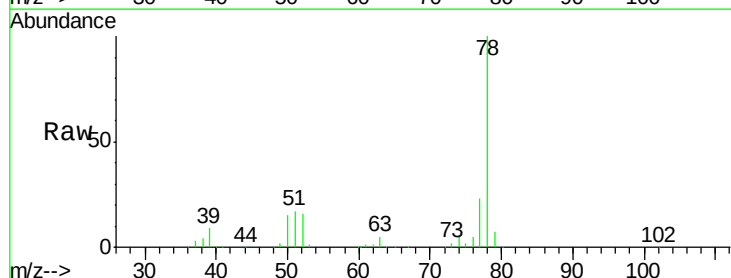
Instrument :
MSVOA_X
ClientSampleId :

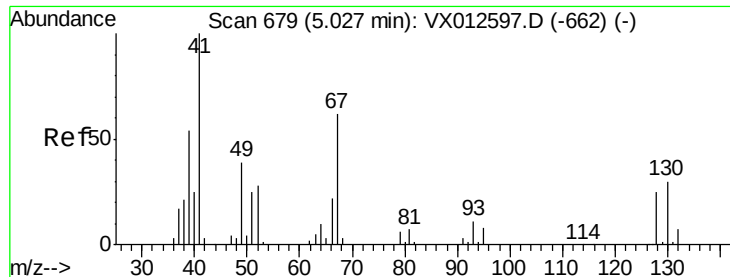
Tot Ion: 83 Resp: 65653
Ion Ratio Lower Upper
83 100
55 76.2 64.4 96.6
98 52.3 40.1 60.1



#40
Benzene
Concen: 18.569 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 78 Resp: 167287
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8





#41

Methacrylonitrile

Concen: 17.291 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 34728

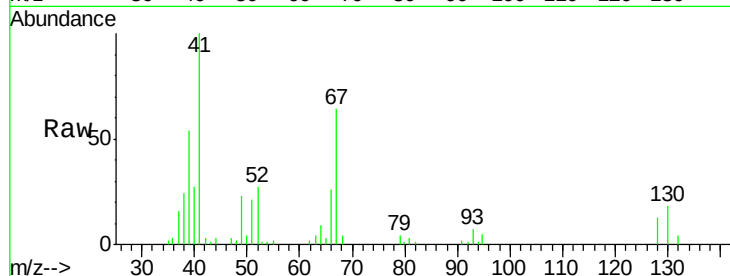
Ion Ratio Lower Upper

41 100

39 55.8 46.0 69.0

67 72.8 52.2 78.2

52 30.0 22.7 34.1



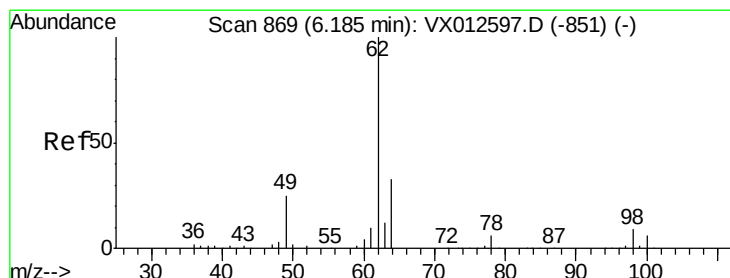
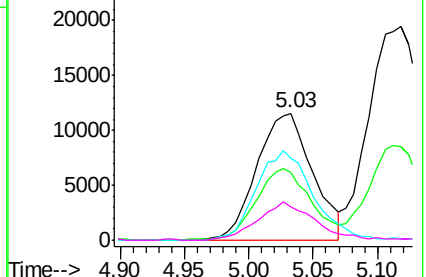
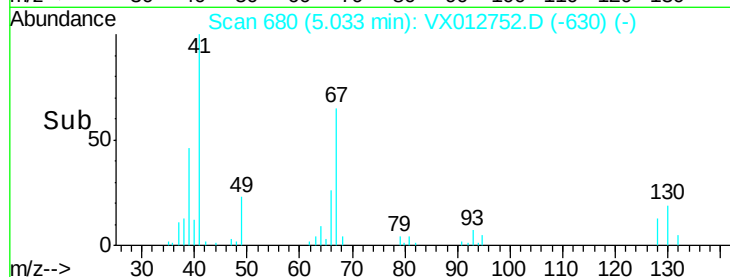
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



#42

1,2-Dichloroethane

Concen: 18.437 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012752.D

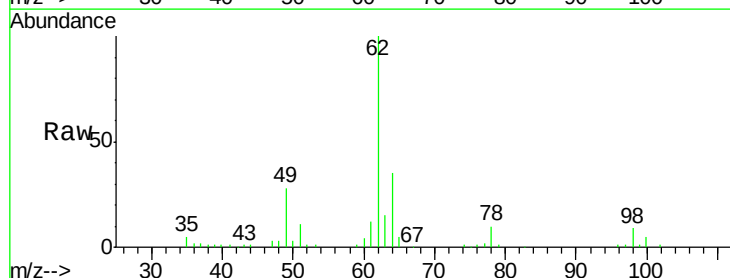
Acq: 02 Oct 2019 11:43

Tgt Ion: 62 Resp: 63076

Ion Ratio Lower Upper

62 100

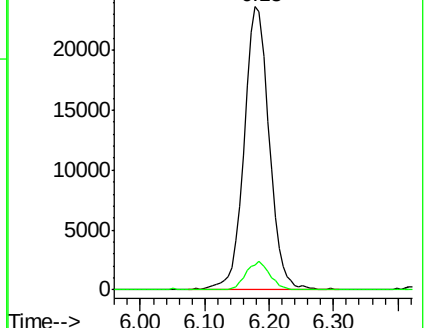
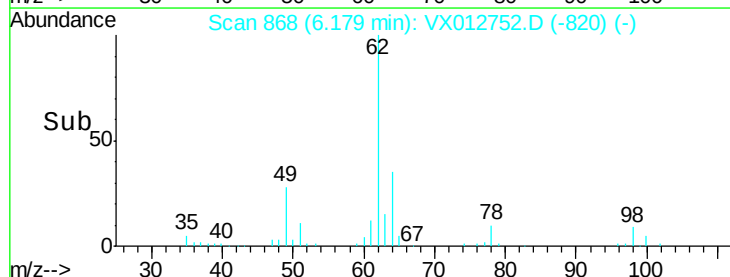
98 9.4 0.0 17.8

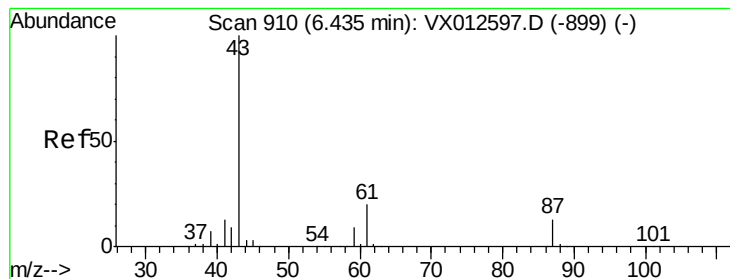


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



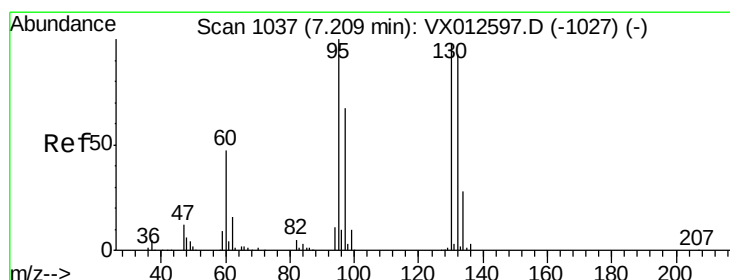
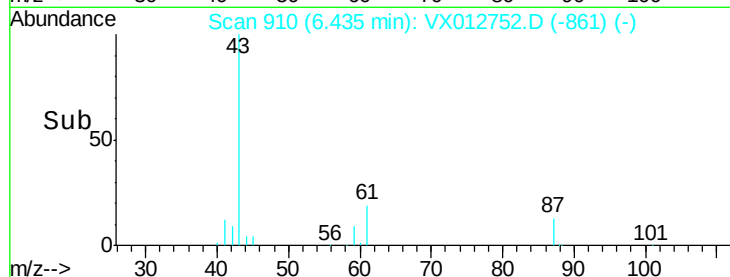
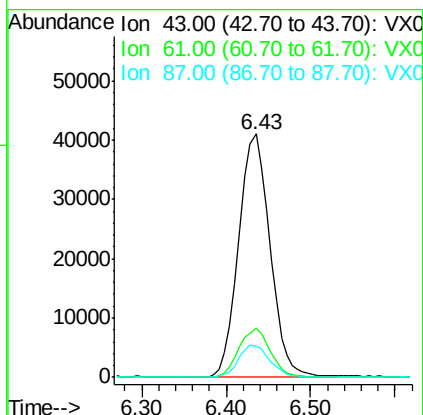
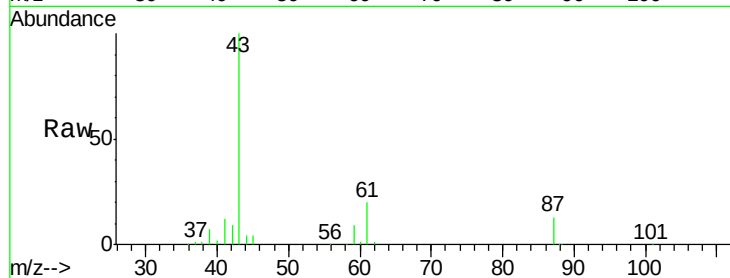


#43

Isopropyl Acetate
 Concen: 17.195 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

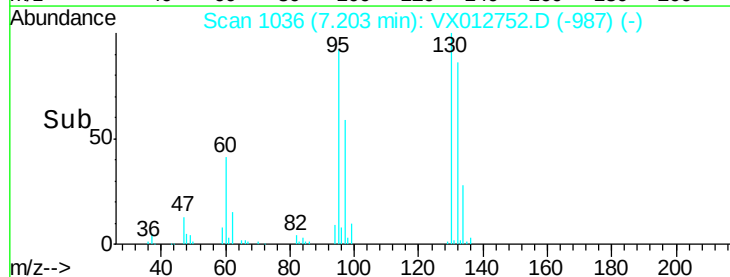
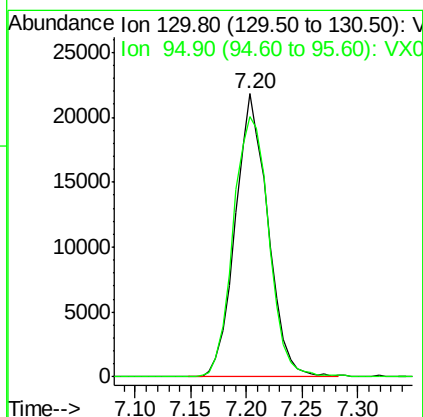
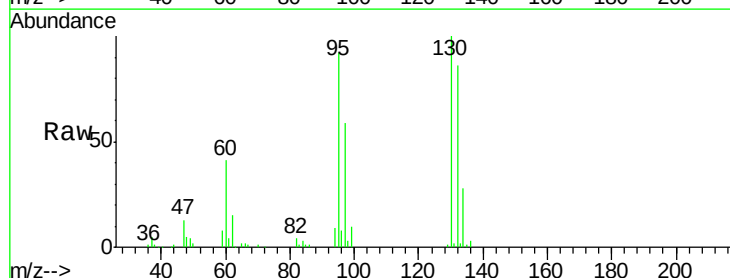
Tot Ion	43	61	87
Resp	102935		
Ratio	100	20.0	13.3
Lower		15.4	9.8
Upper		23.0	14.8

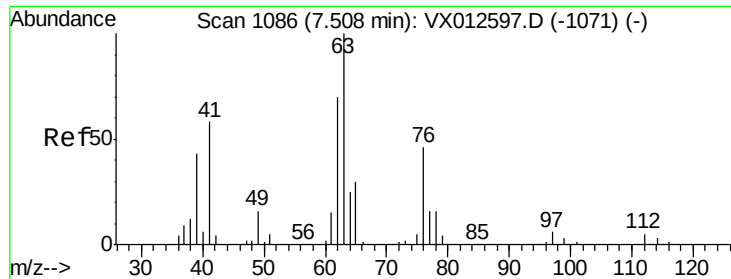


#44

Trichloroethene
 Concen: 19.217 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion	130	95
Resp	44260	
Ratio	100	92.0
Lower		0.0
Upper		193.0

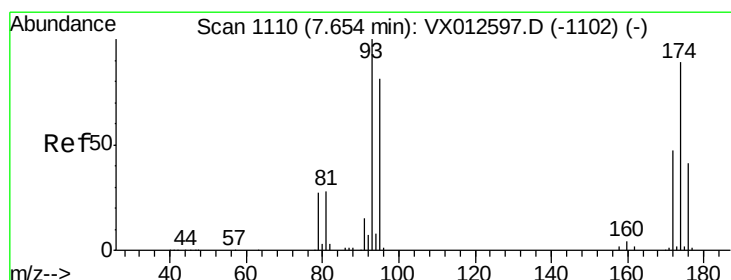
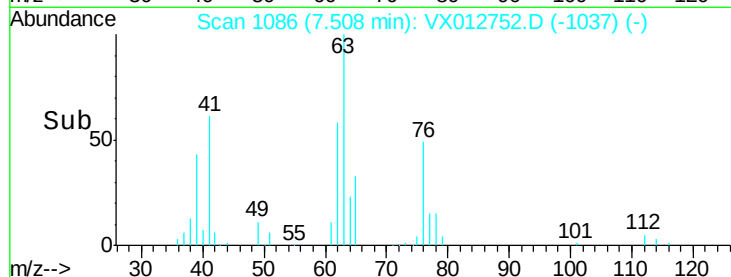
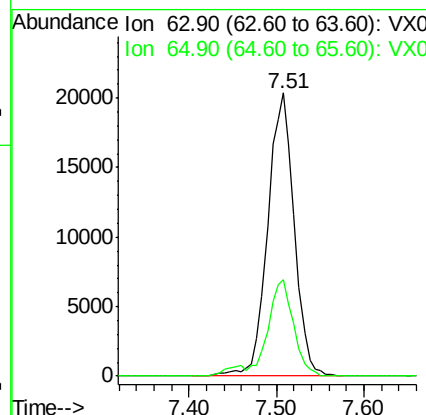
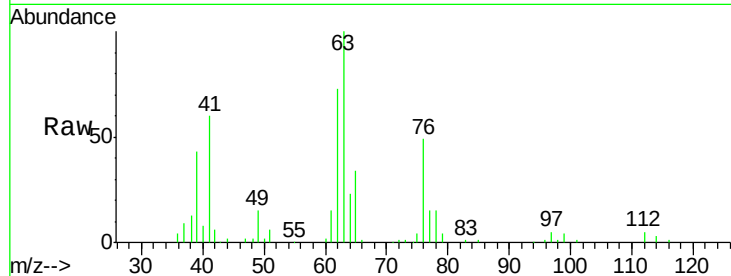




#45
 1,2-Dichloropropane
 Concen: 18.724 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

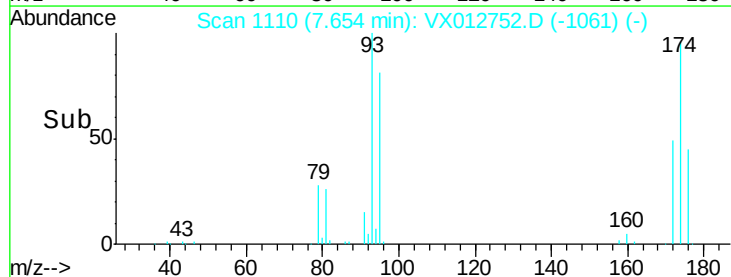
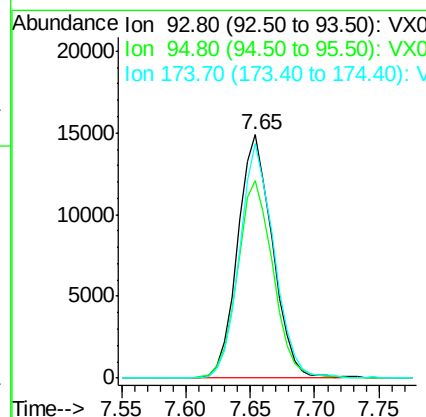
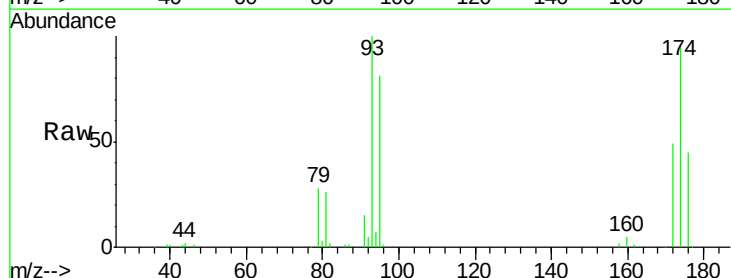
Instrument :
 MSVOA_X
 ClientSampled :

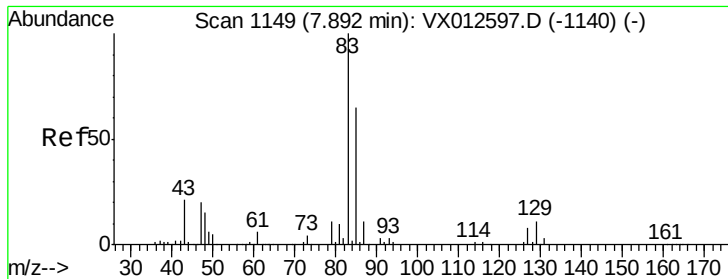
Tot Ion: 63 Resp: 43189
 Ion Ratio Lower Upper
 63 100
 65 34.3 25.0 37.6



#46
 Dibromomethane
 Concen: 17.813 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 93 Resp: 27974
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 95.2 77.4 116.0





#47

Bromodichloromethane

Concen: 17.767 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

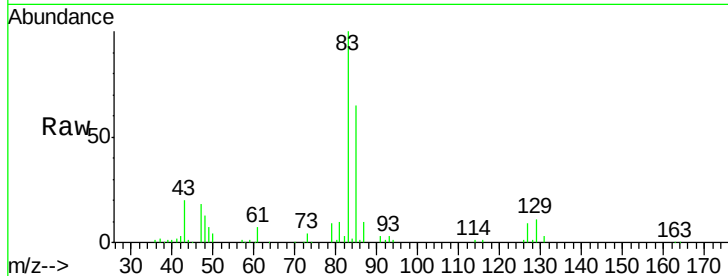
Tot Ion: 83 Resp: 55766

Ion Ratio Lower Upper

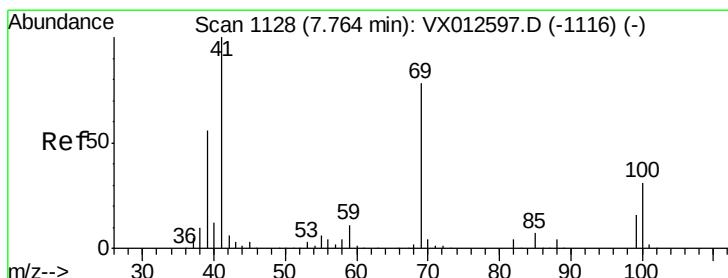
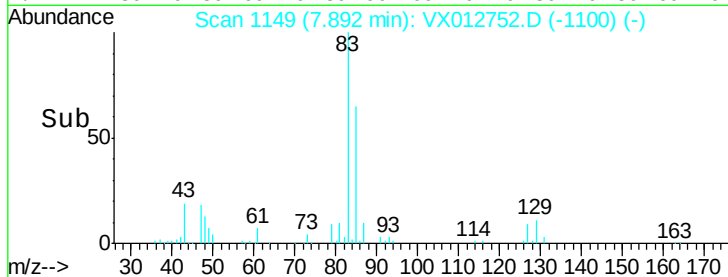
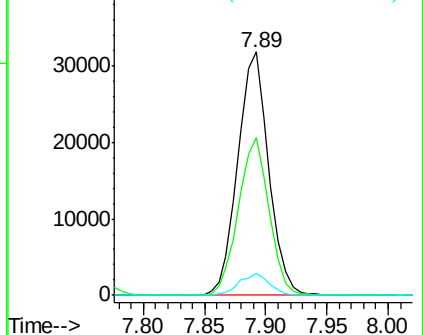
83 100

85 65.0 51.8 77.6

127 9.0 7.3 10.9



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: 17.380 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

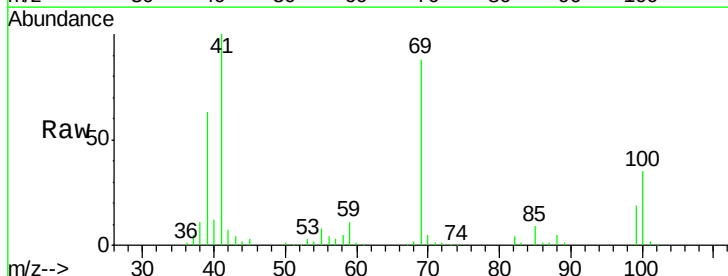
Tgt Ion: 41 Resp: 49889

Ion Ratio Lower Upper

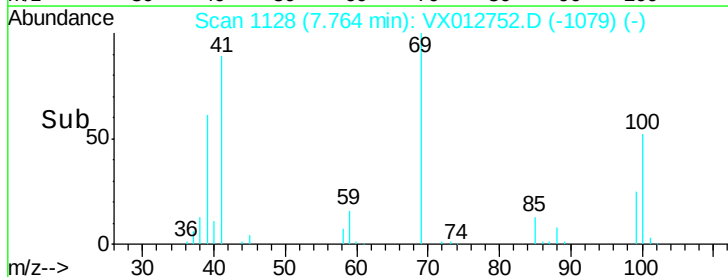
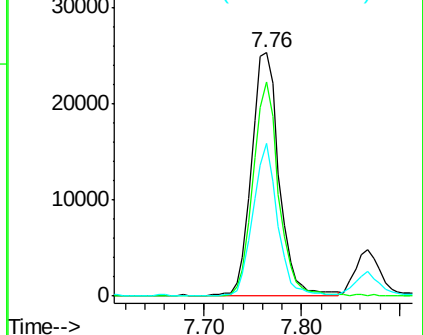
41 100

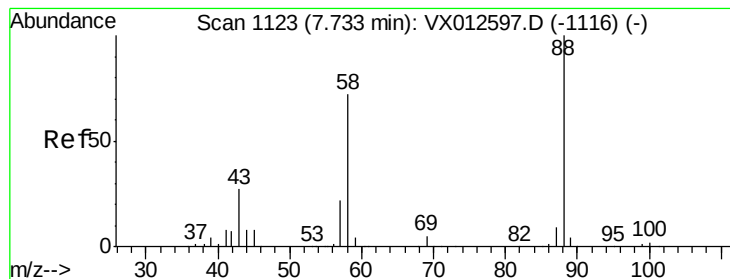
69 81.2 59.9 89.9

39 56.1 47.8 71.6



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





#49

1,4-Dioxane

Concen: 372.015 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

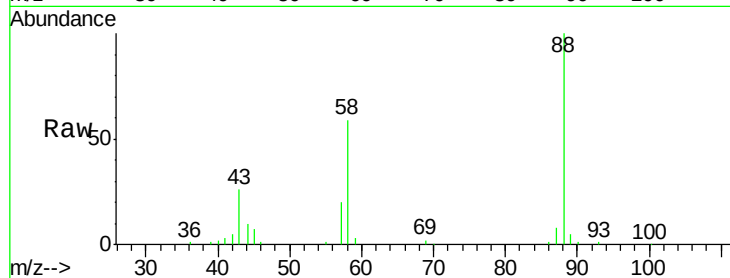
Tot Ion: 88 Resp: 24221

Ion Ratio Lower Upper

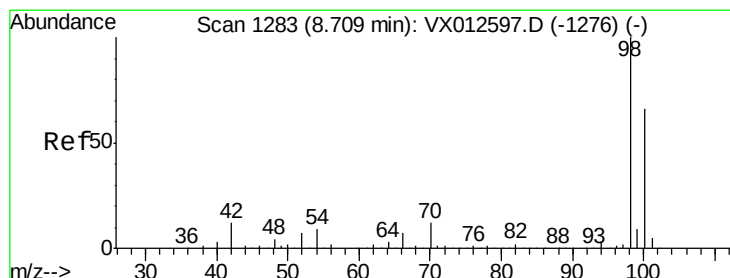
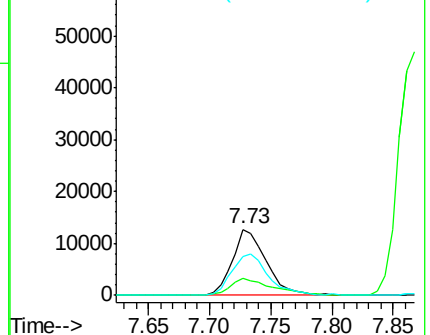
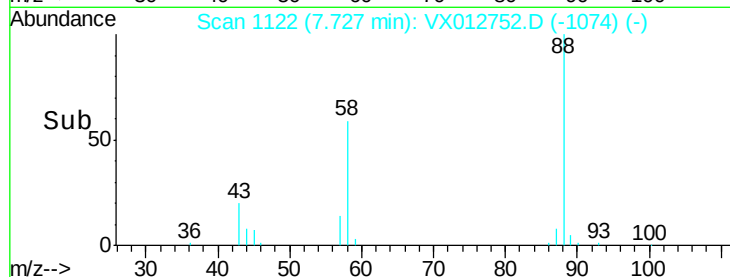
88 100

43 31.8 29.4 44.0

58 67.5 57.5 86.3



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: 48.587 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012752.D

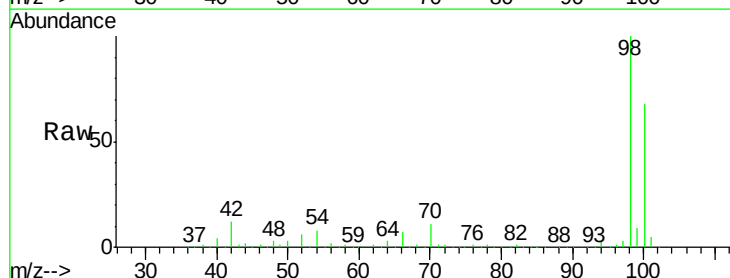
Acq: 02 Oct 2019 11:43

Tgt Ion: 98 Resp: 353984

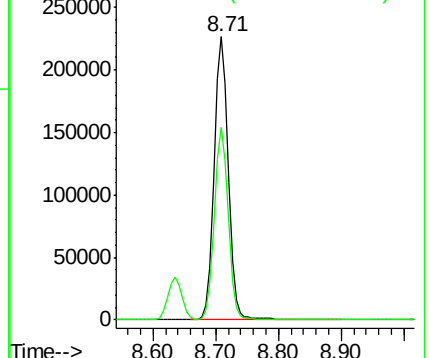
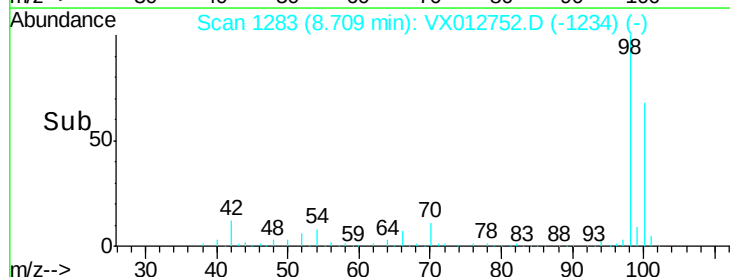
Ion Ratio Lower Upper

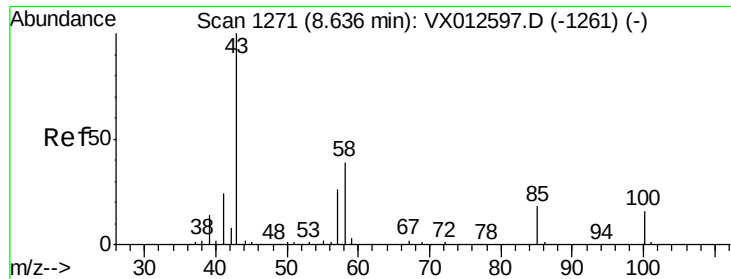
98 100

100 65.9 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 88.032 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

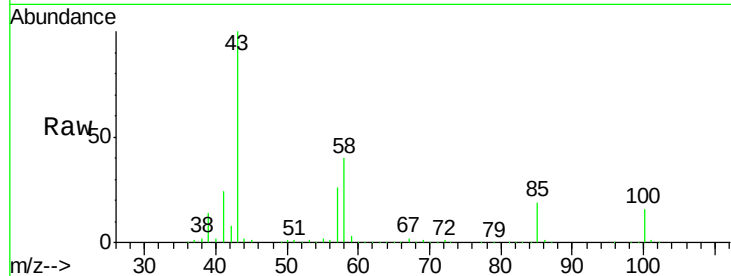
ClientSampled :

Tot Ion: 43 Resp: 325308

Ion Ratio Lower Upper

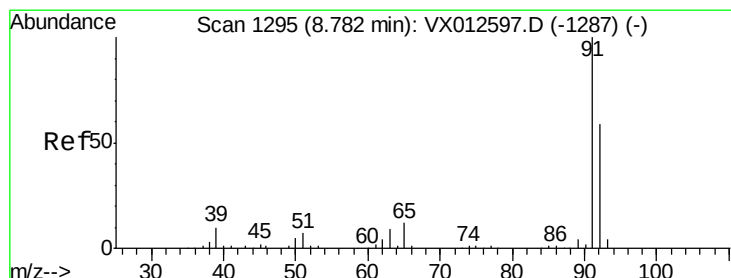
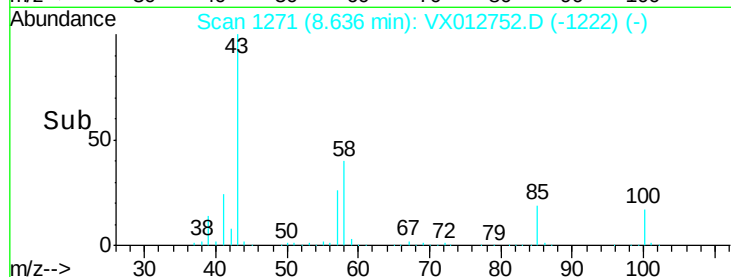
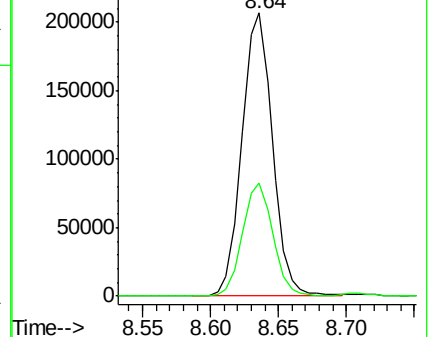
43 100

58 39.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.829 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012752.D

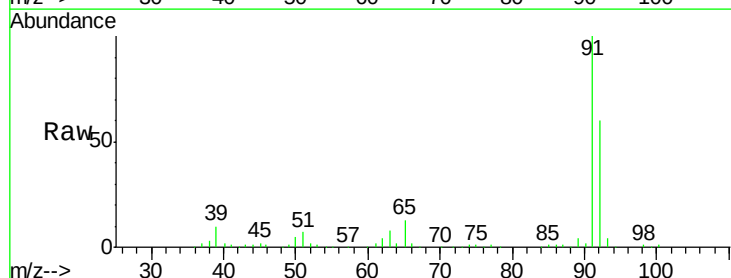
Acq: 02 Oct 2019 11:43

Tgt Ion: 92 Resp: 106617

Ion Ratio Lower Upper

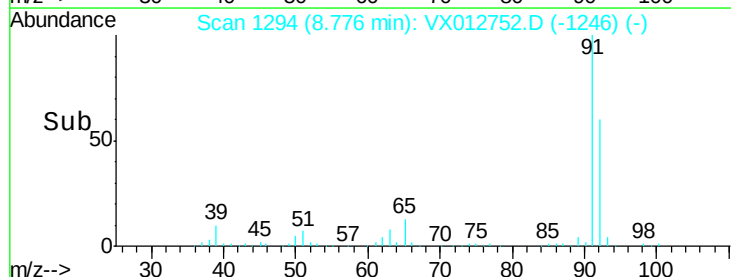
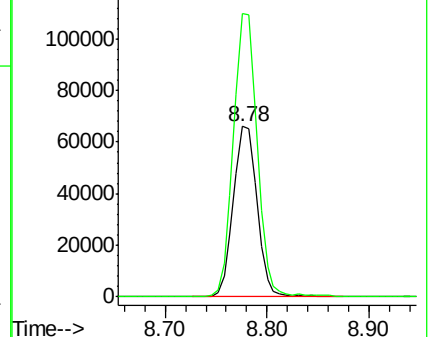
92 100

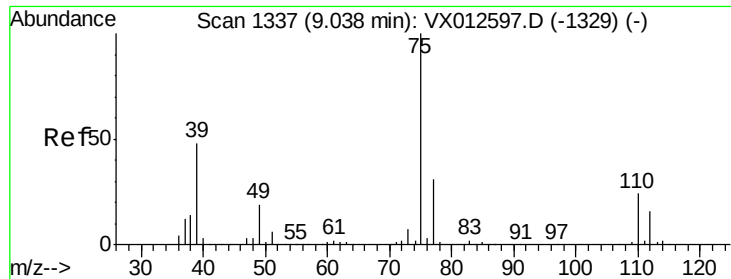
91 166.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

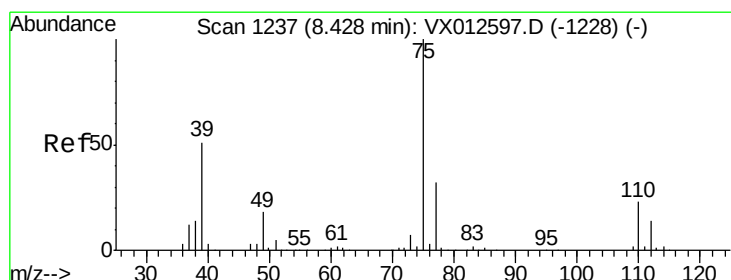
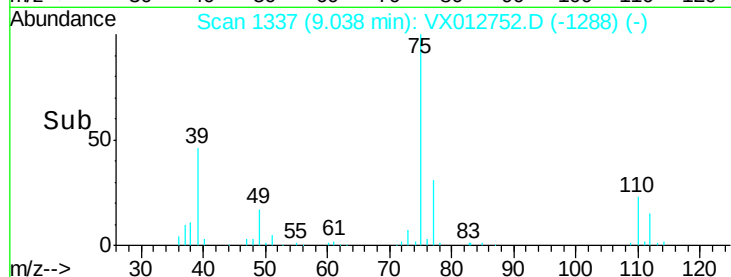
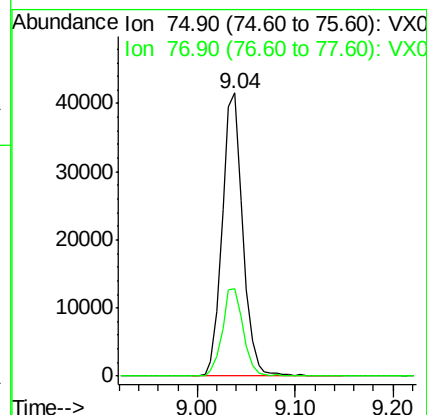
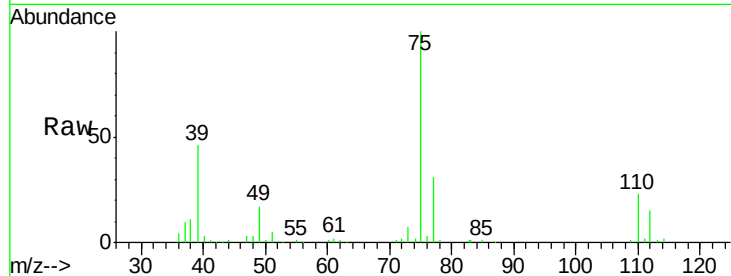




#53
 t-1,3-Dichloropropene
 Concen: 17.457 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

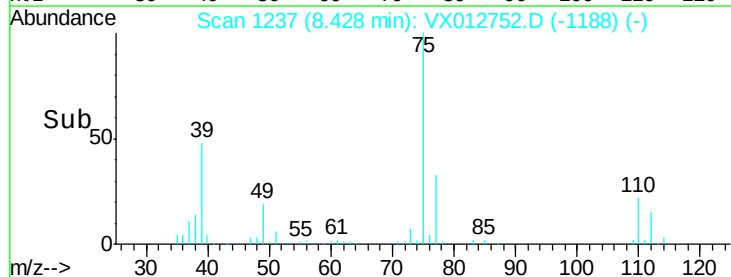
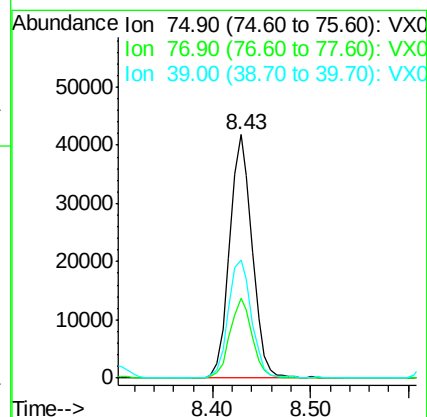
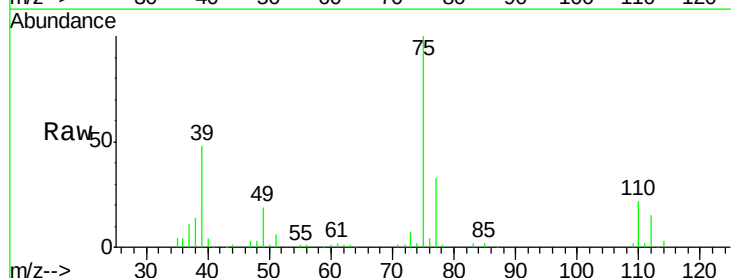
Instrument :
 MSVOA_X
 ClientSampleId :

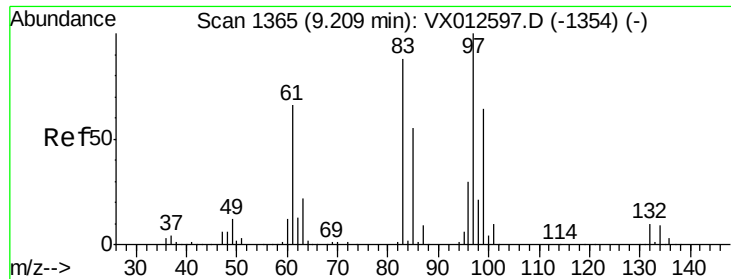
Tot Ion: 75 Resp: 60621
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.670 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 75 Resp: 66999
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 39 48.5 45.5 68.3

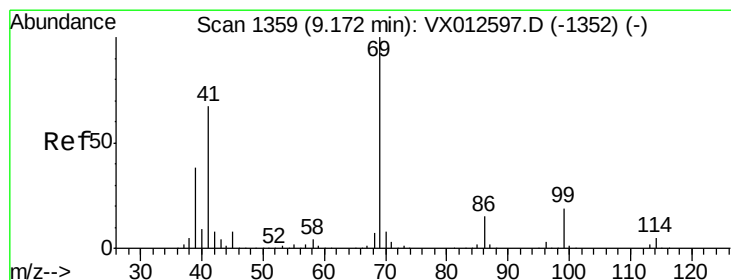
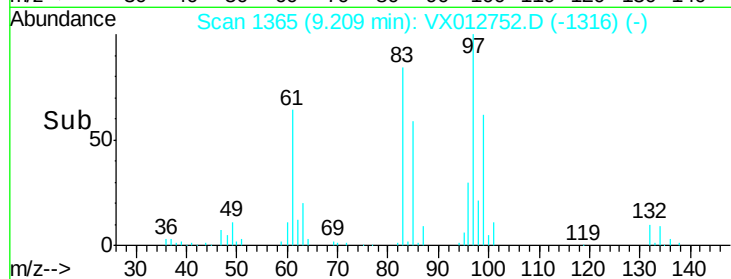
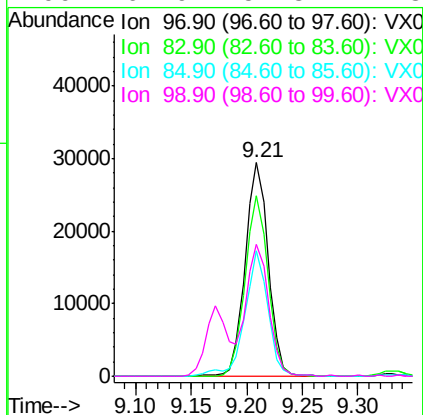
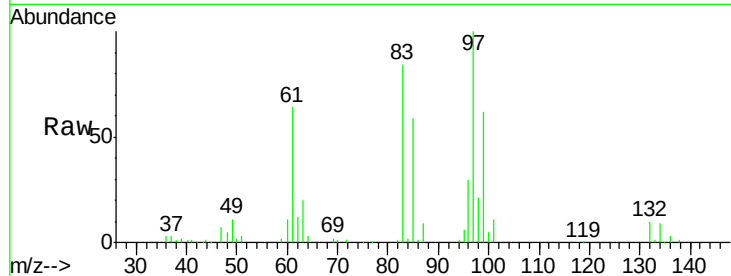




#55
 1,1,2-Trichloroethane
 Concen: 18.846 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

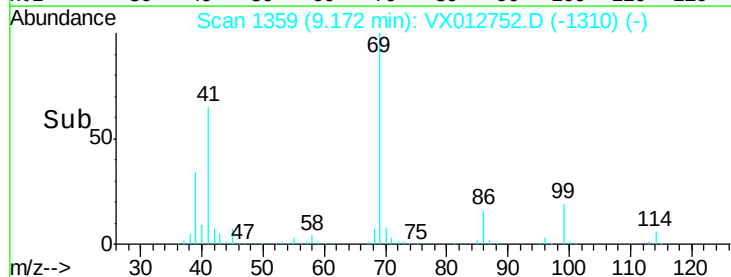
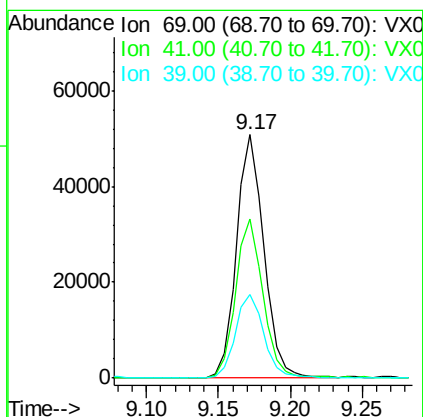
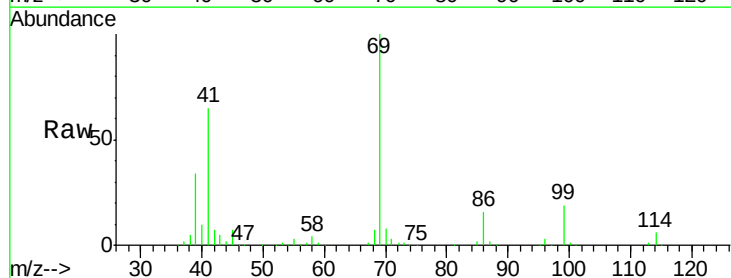
Instrument :
 MSVOA_X
 ClientSampleId :

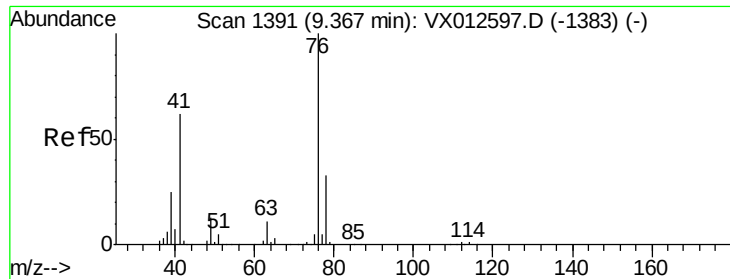
Tot Ion:	97	Resp:	42425
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	58.6	43.5	65.3
99	61.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 17.834 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion:	69	Resp:	67446
Ion	Ratio	Lower	Upper
69	100		
41	66.1	58.4	87.6
39	36.4	33.4	50.0

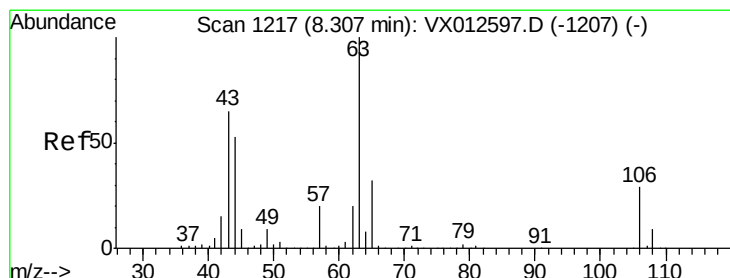
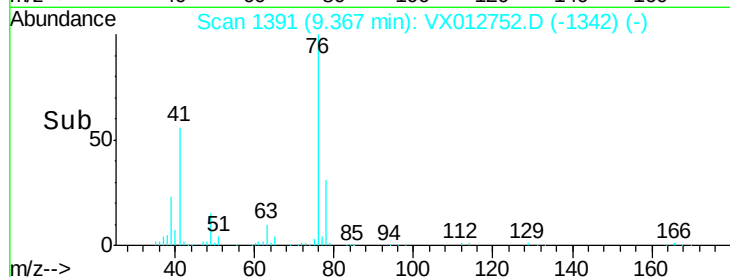
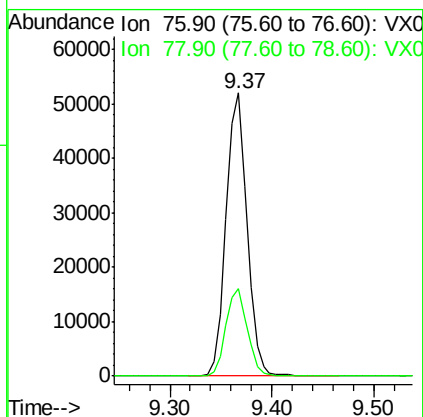
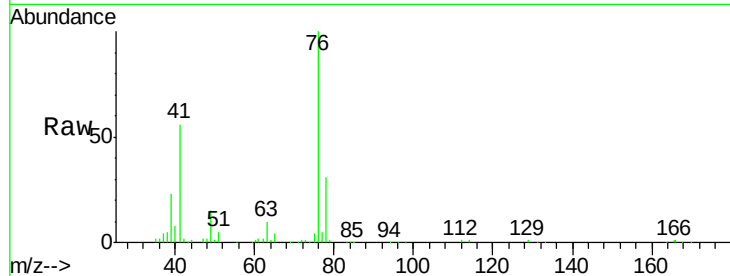




#57
 1,3-Dichloropropane
 Concen: 18.792 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

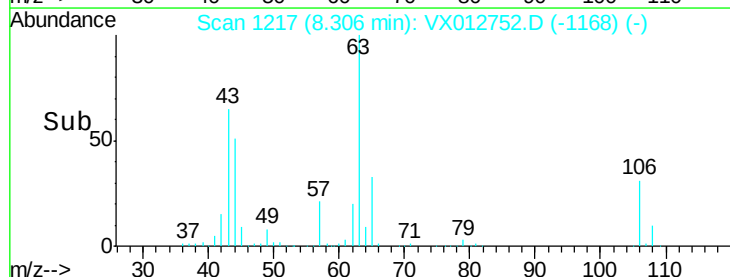
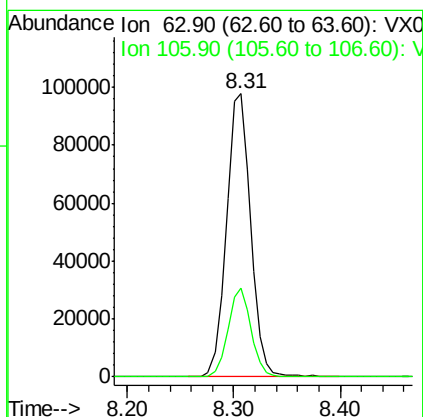
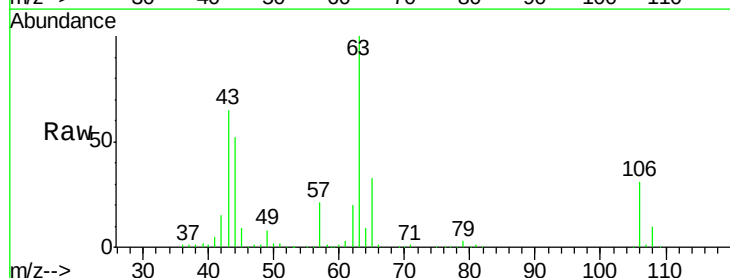
Instrument :
 MSVOA_X
 ClientSampleId :

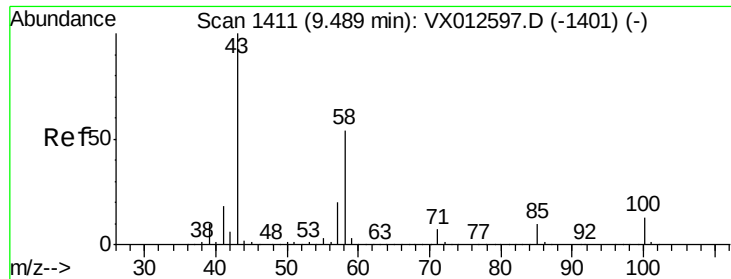
Tot Ion: 76 Resp: 74040
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.698 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 63 Resp: 155669
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.6

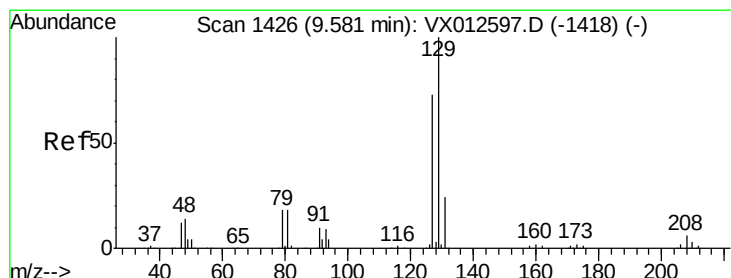
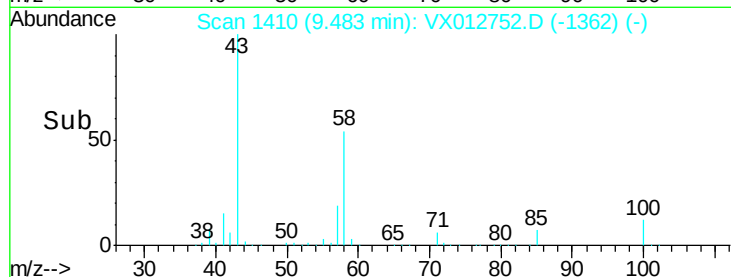
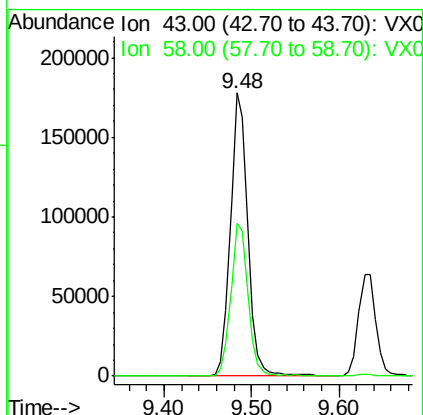
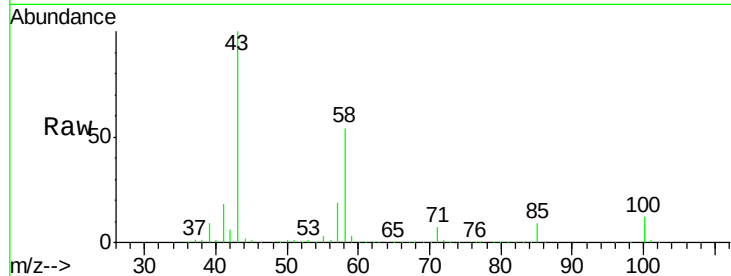




#59
2-Hexanone
Concen: 87.415 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

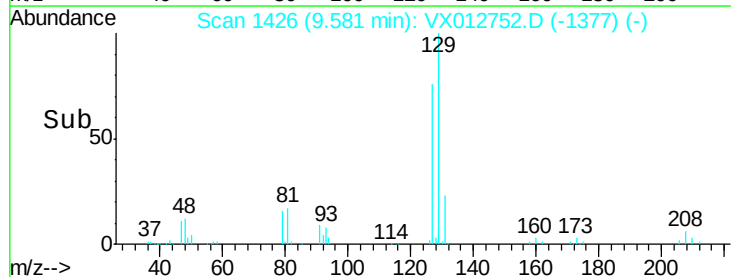
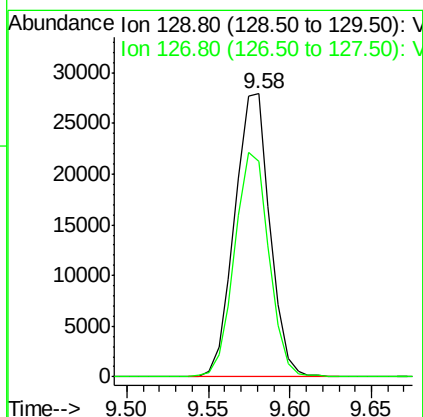
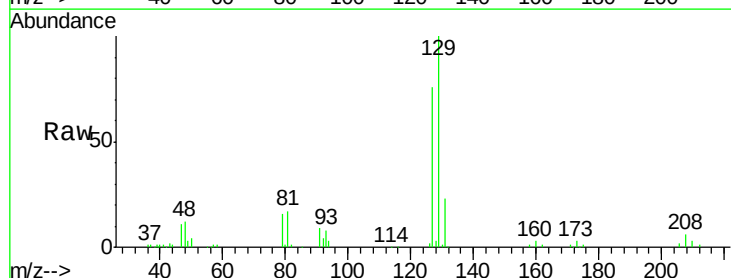
Instrument :
MSVOA_X
ClientSampleId :

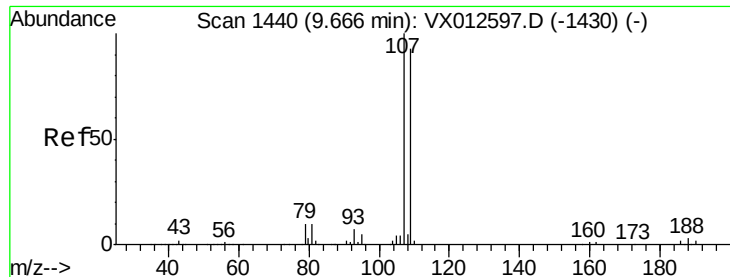
Tot Ion: 43 Resp: 247259
Ion Ratio Lower Upper
43 100
58 53.7 25.7 77.1



#60
Dibromochloromethane
Concen: 18.471 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 129 Resp: 42092
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.903 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

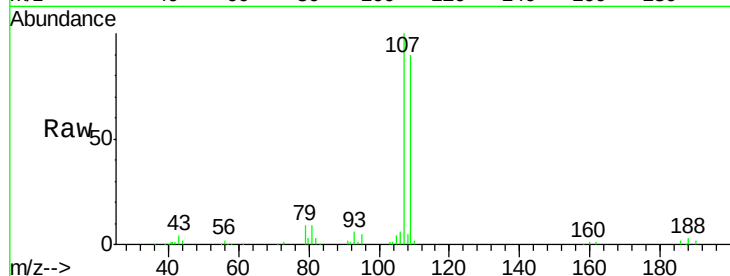
ClientSampleId :

Tot Ion:107 Resp: 44286

Ion Ratio Lower Upper

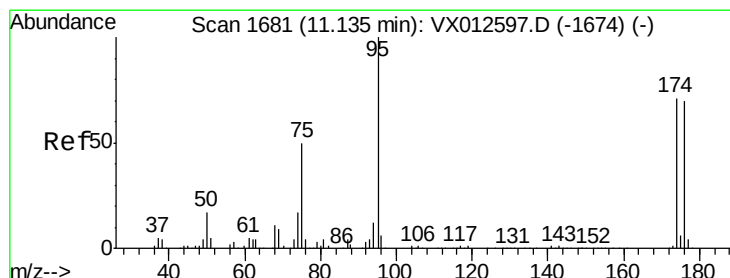
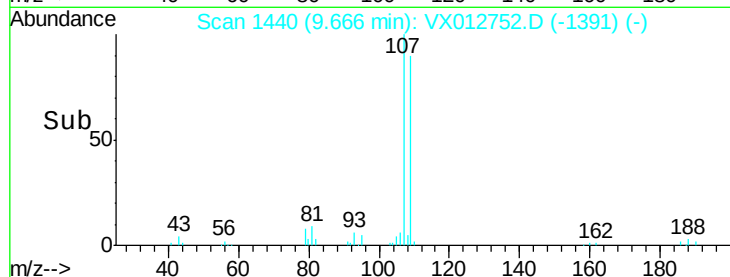
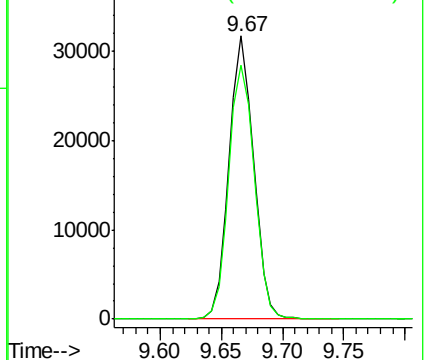
107 100

109 93.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.020 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

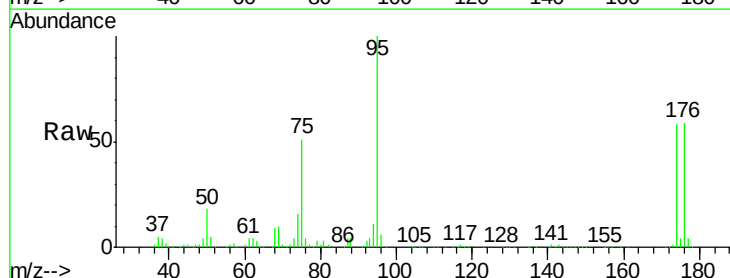
Tgt Ion: 95 Resp: 134700

Ion Ratio Lower Upper

95 100

174 68.8 0.0 140.0

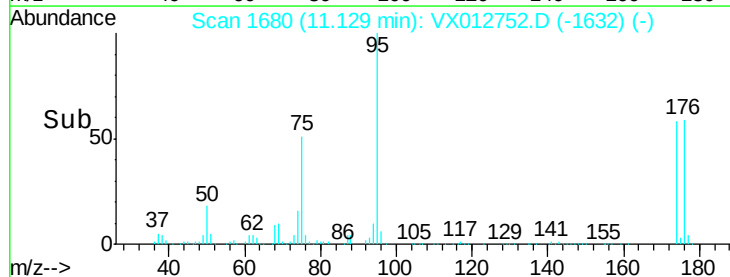
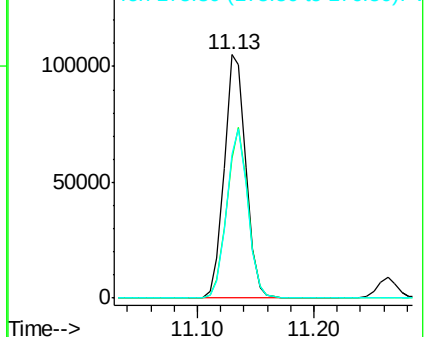
176 67.8 0.0 135.4

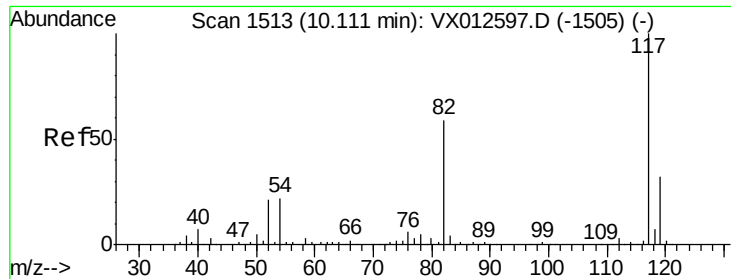


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

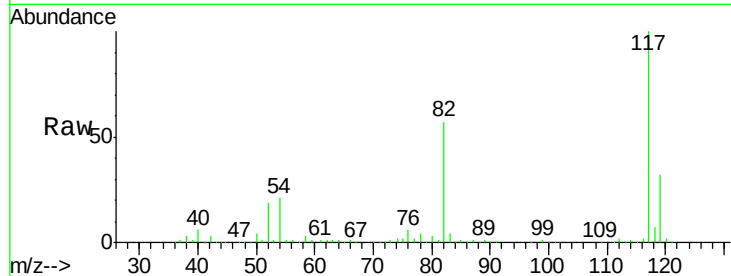




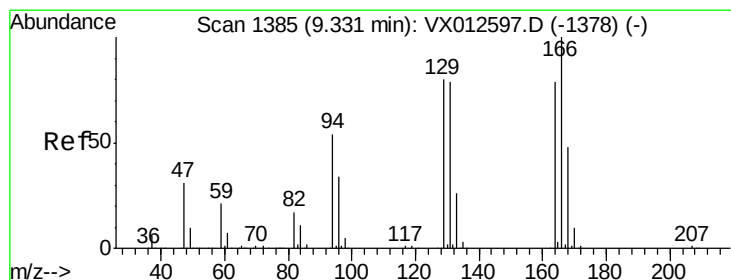
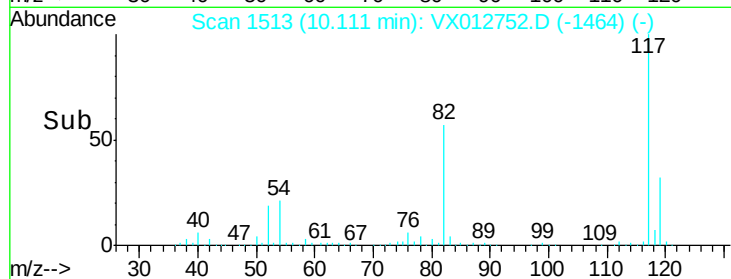
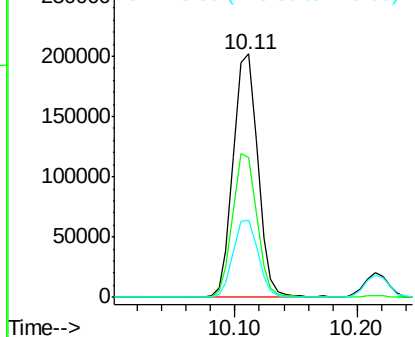
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 281452
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.8 25.3 37.9

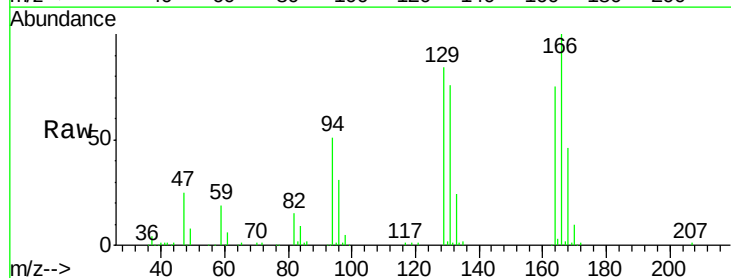


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

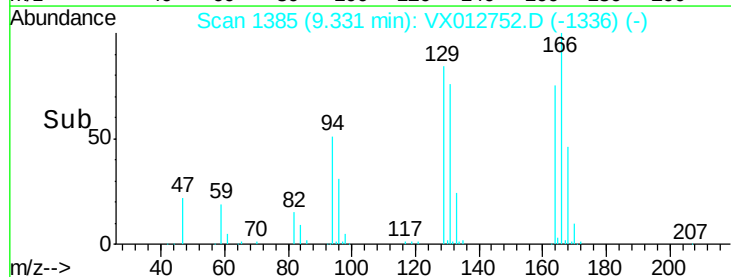
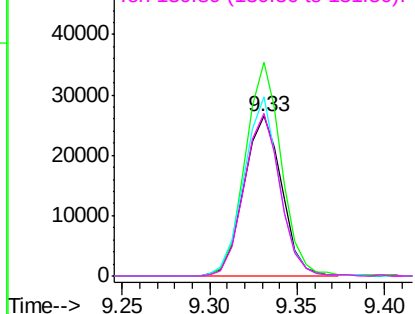


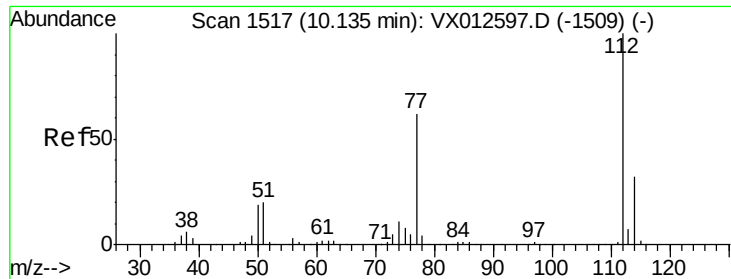
#64
Tetrachloroethene
Concen: 20.458 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion:164 Resp: 40145
Ion Ratio Lower Upper
164 100
166 133.9 107.8 161.6
129 112.4 86.2 129.2
131 101.6 80.4 120.6



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

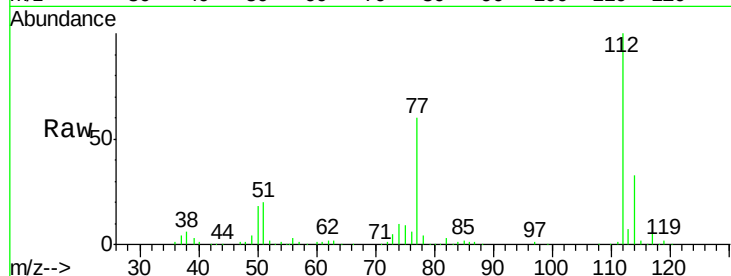




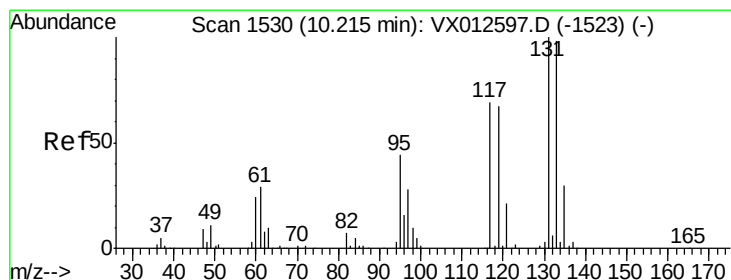
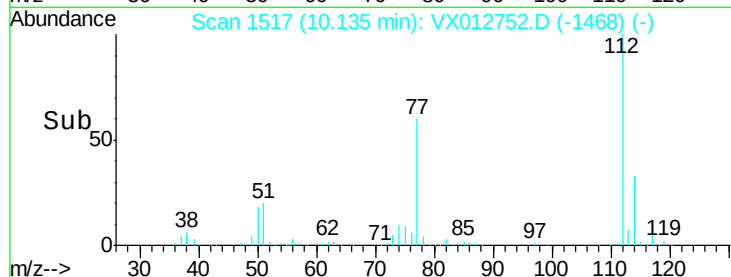
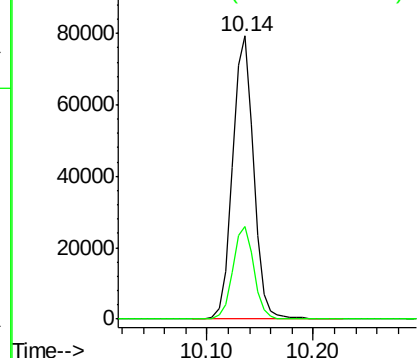
#65
Chlorobenzene
Concen: 18.609 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 110291
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0

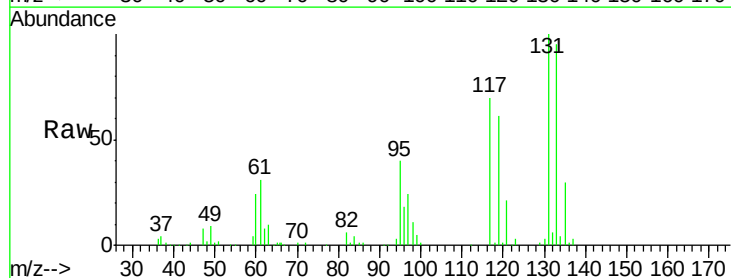


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

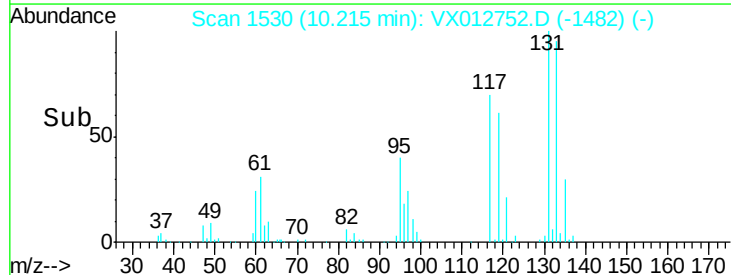
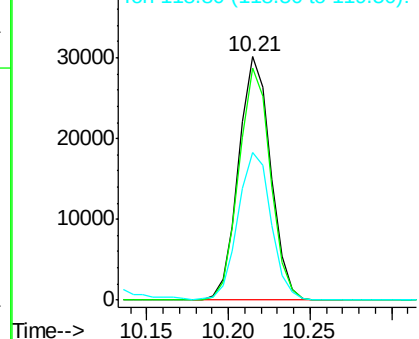


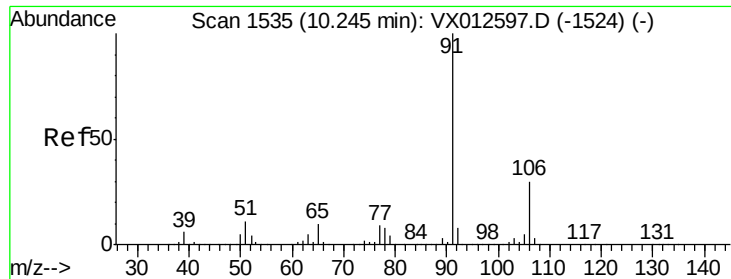
#66
1,1,1,2-Tetrachloroethane
Concen: 19.228 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion:131 Resp: 41291
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 62.6 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

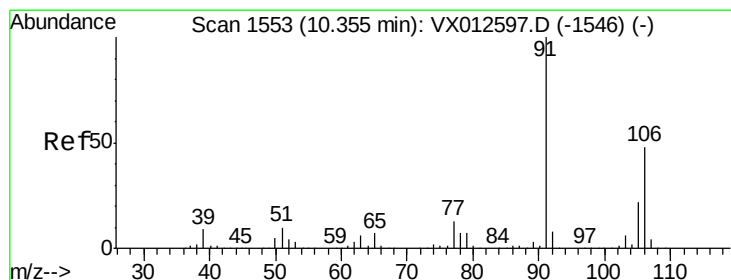
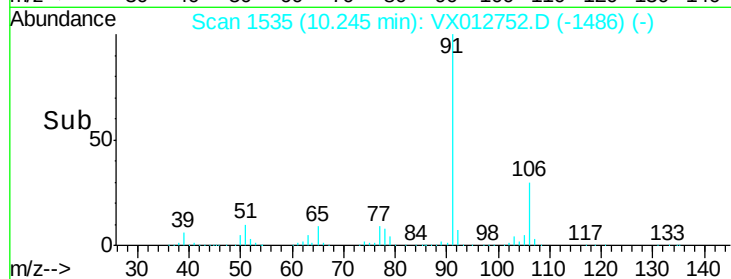
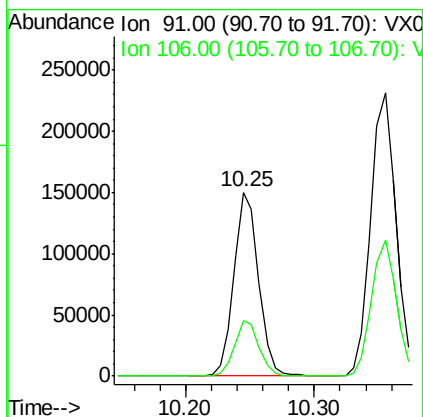
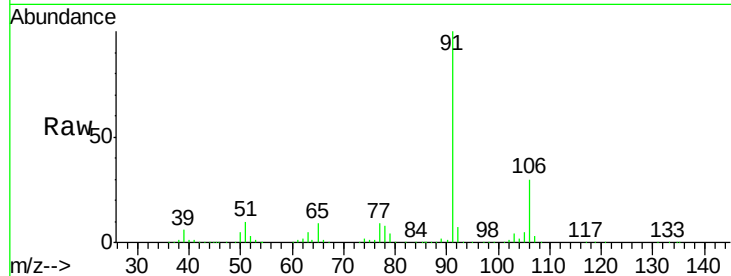




#67
Ethyl Benzene
Concen: 18.684 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

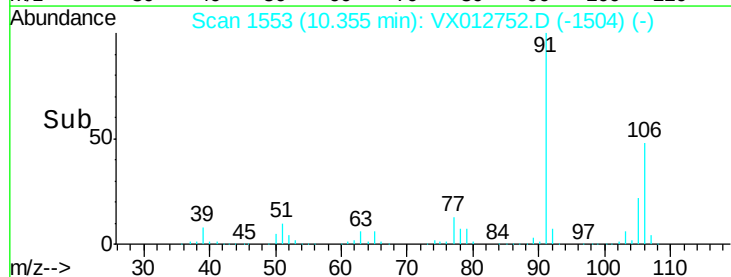
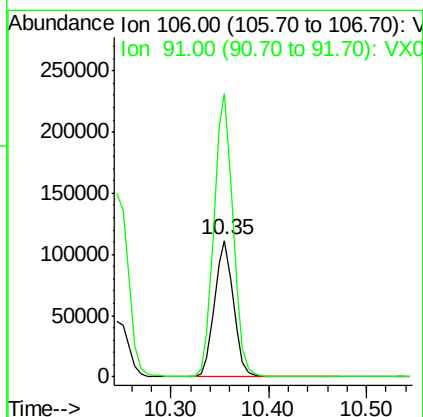
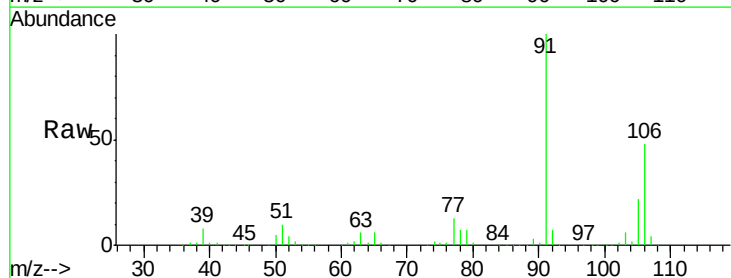
Instrument :
MSVOA_X
ClientSampled :

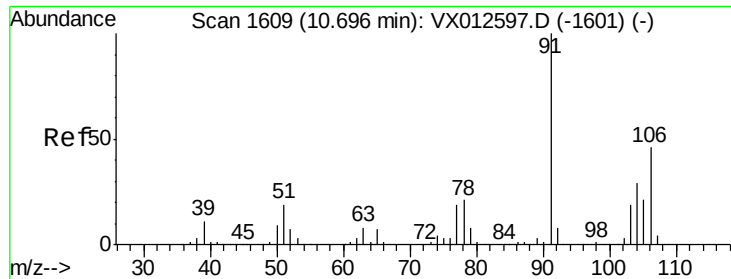
Tot Ion: 91 Resp: 200842
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 37.301 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion: 106 Resp: 150206
Ion Ratio Lower Upper
106 100
91 208.7 166.6 250.0

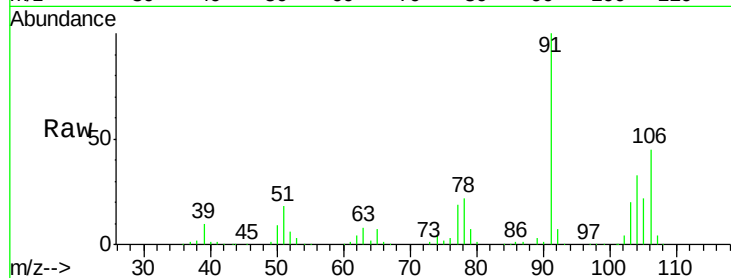




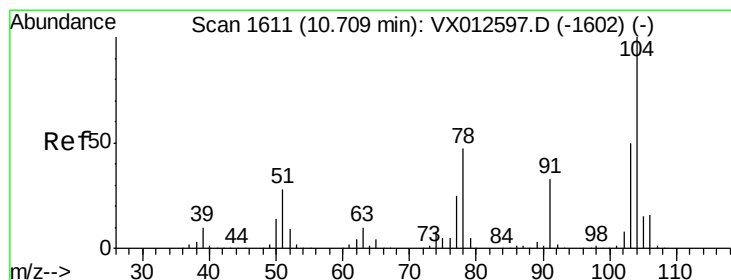
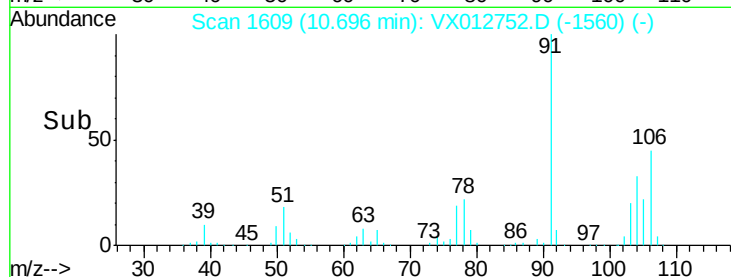
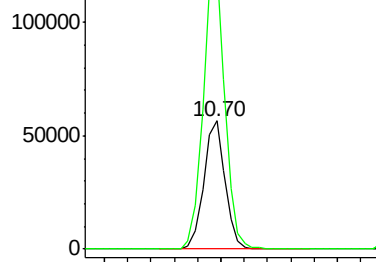
#69
o-Xylene
Concen: 18.419 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 71770
Ion Ratio Lower Upper
106 100
91 223.3 109.4 328.2

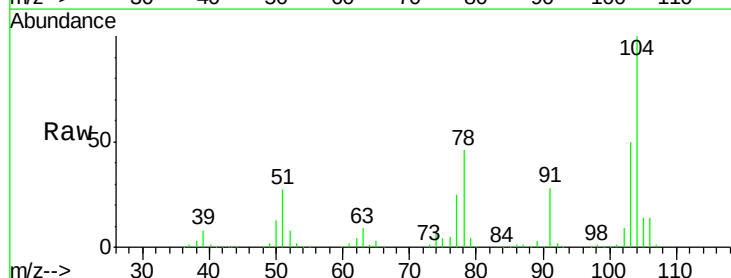


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

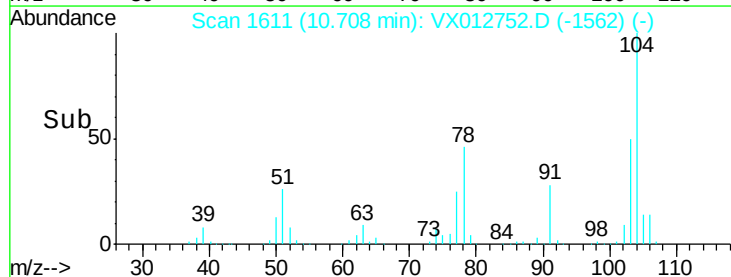
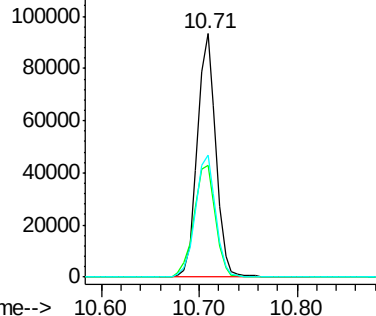


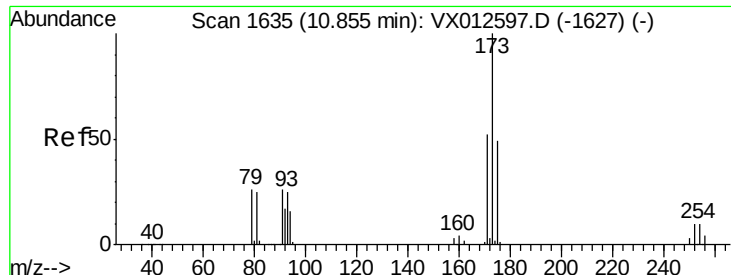
#70
Styrene
Concen: 18.828 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion:104 Resp: 122989
Ion Ratio Lower Upper
104 100
78 53.1 43.4 65.2
103 54.6 43.3 64.9



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





#71

Bromoform

Concen: 17.777 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

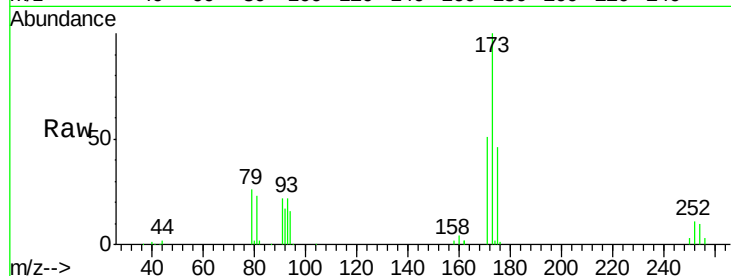
Tot Ion:173 Resp: 26581

Ion Ratio Lower Upper

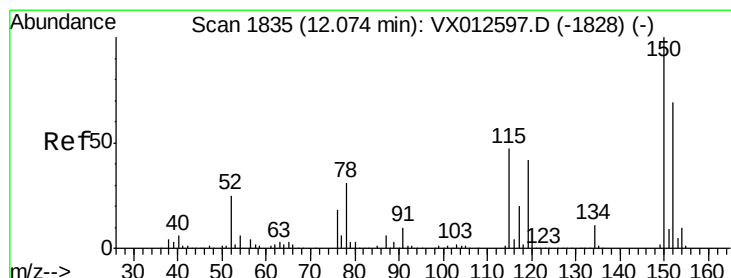
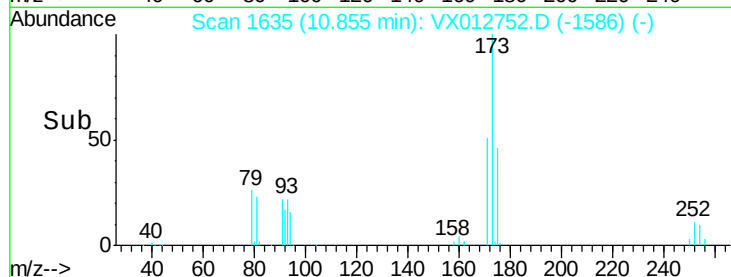
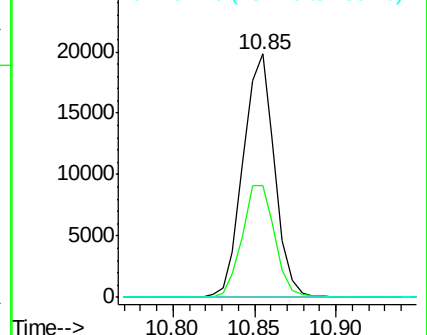
173 100

175 47.9 23.7 71.1

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

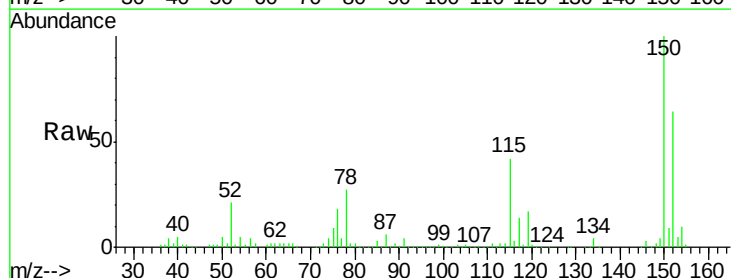
Tgt Ion:152 Resp: 127865

Ion Ratio Lower Upper

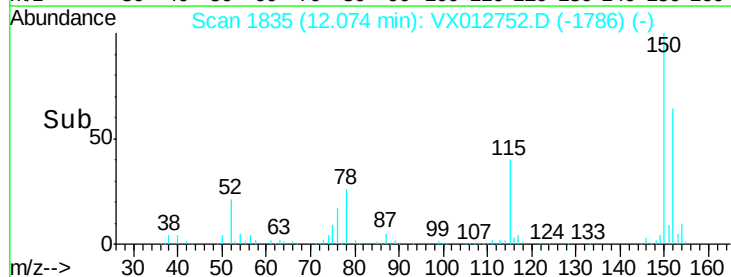
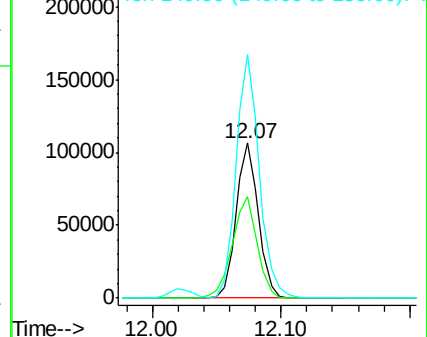
152 100

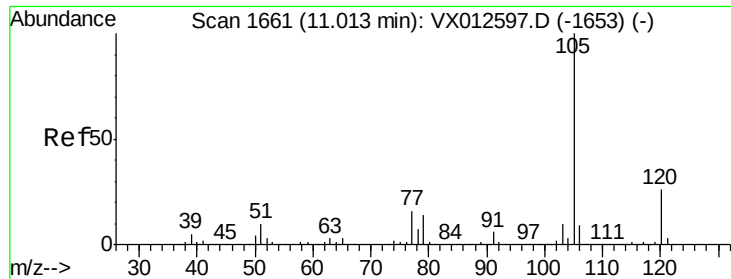
115 73.5 44.1 132.3

150 164.3 0.0 343.8



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





#73

Isopropylbenzene

Concen: 18.975 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

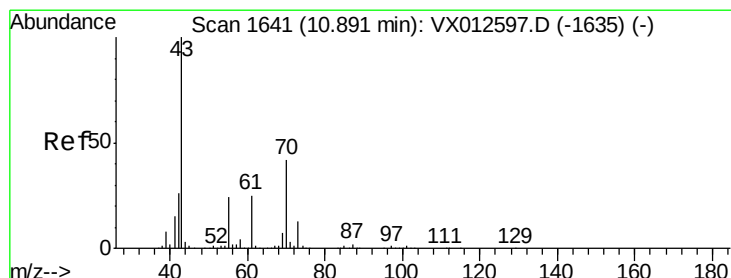
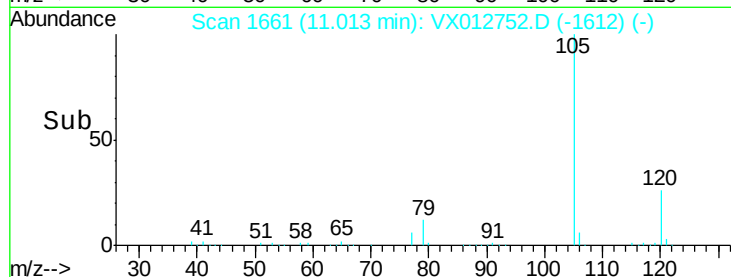
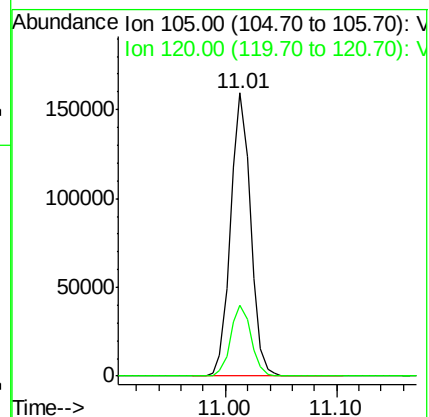
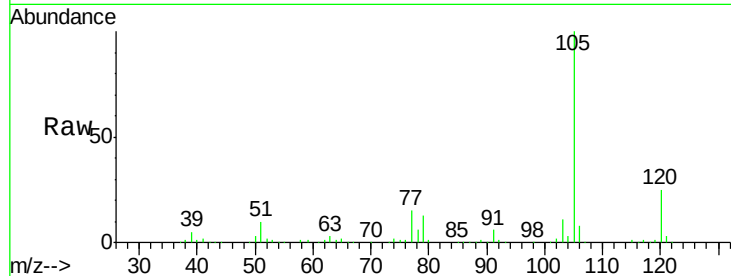
ClientSampleId :

Tot Ion:105 Resp: 197610

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 17.071 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Tgt Ion: 43 Resp: 84815

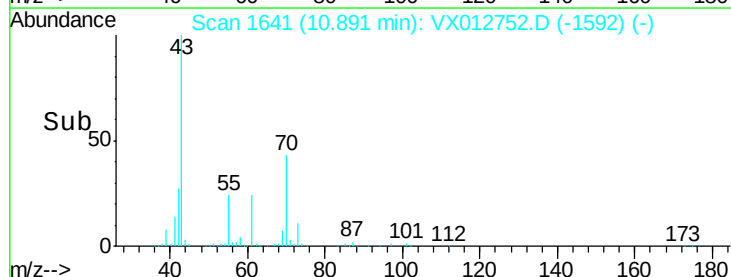
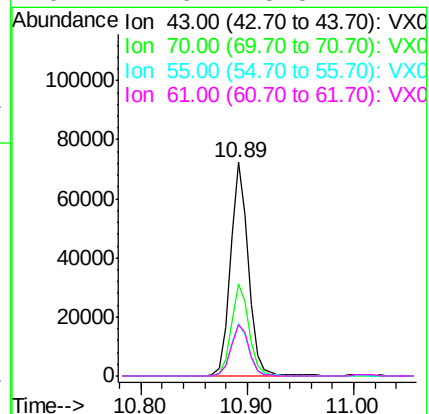
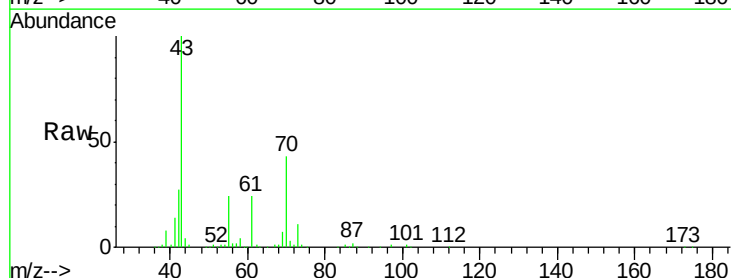
Ion Ratio Lower Upper

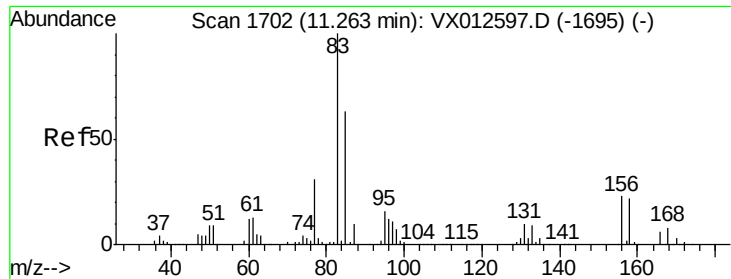
43 100

70 42.9 32.4 48.6

55 24.6 18.2 27.4

61 24.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.386 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

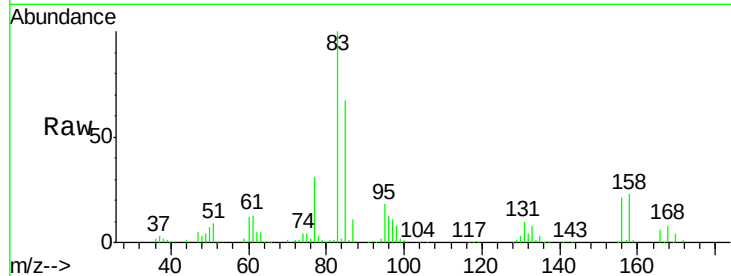
Tot Ion: 83 Resp: 63413

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

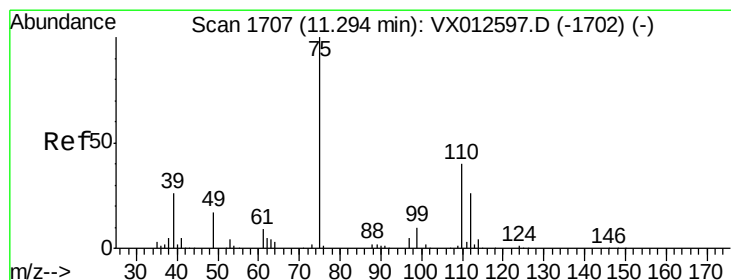
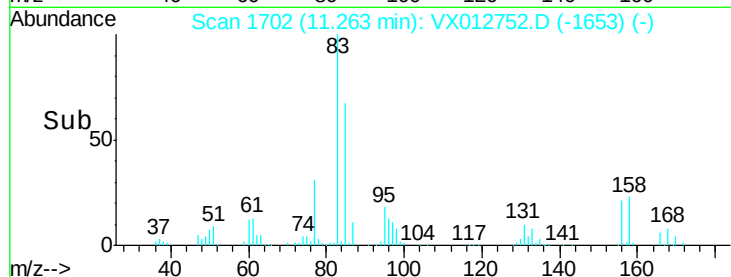
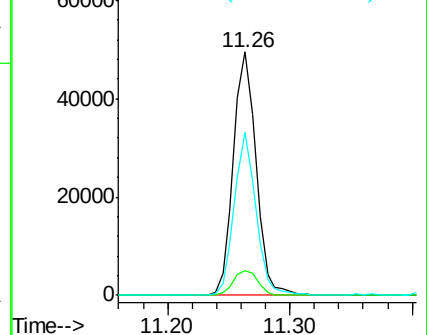
85 63.9 32.0 96.0



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: 21.128 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012752.D

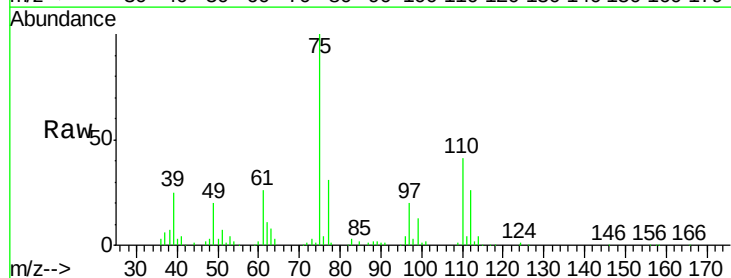
Acq: 02 Oct 2019 11:43

Tgt Ion: 75 Resp: 71462

Ion Ratio Lower Upper

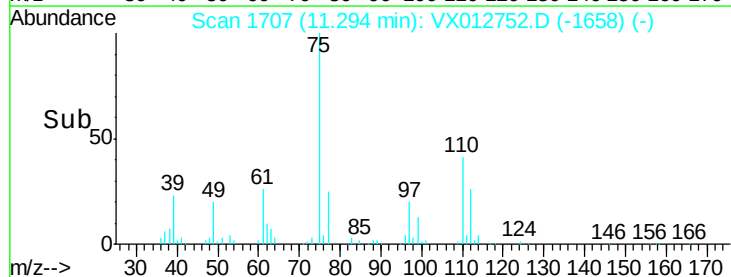
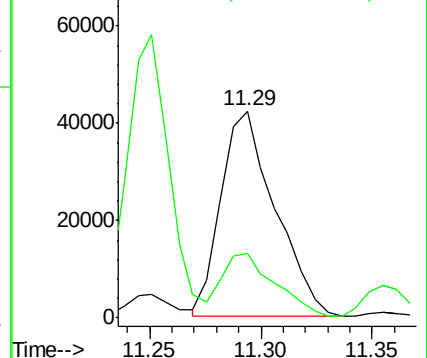
75 100

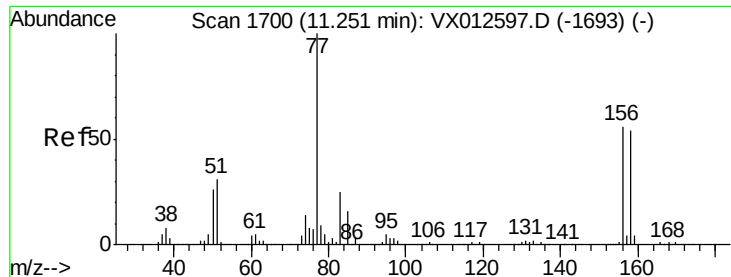
77 30.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.492 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

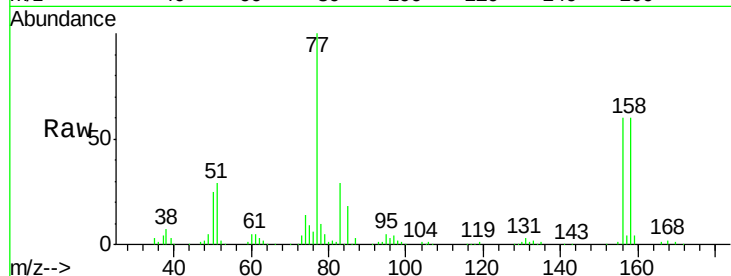
Tot Ion:156 Resp: 43587

Ion Ratio Lower Upper

156 100

77 175.9 87.3 261.8

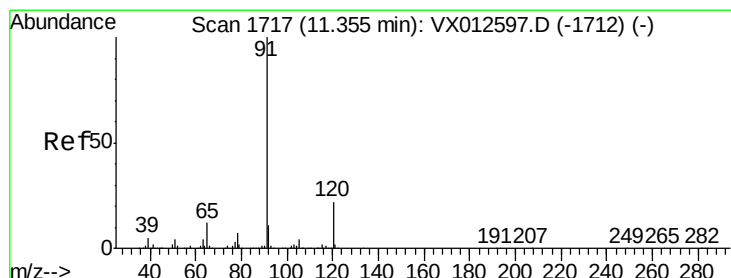
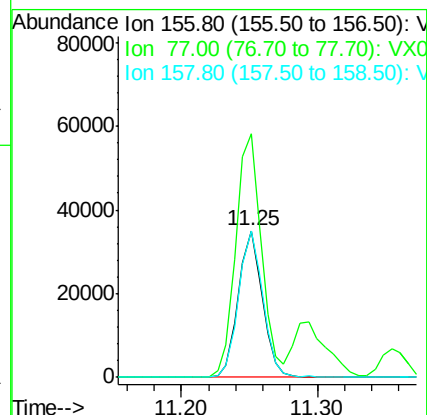
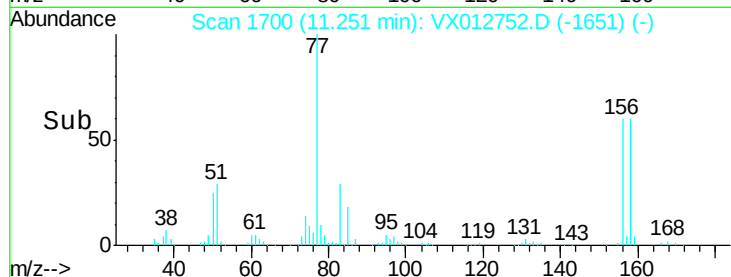
158 100.2 48.5 145.6



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: 18.498 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012752.D

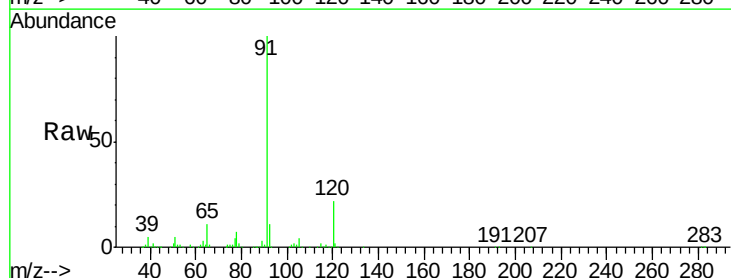
Acq: 02 Oct 2019 11:43

Tgt Ion: 91 Resp: 216884

Ion Ratio Lower Upper

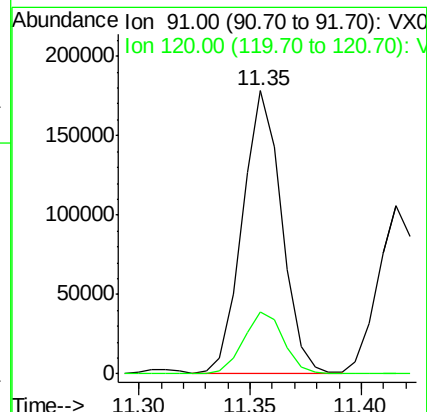
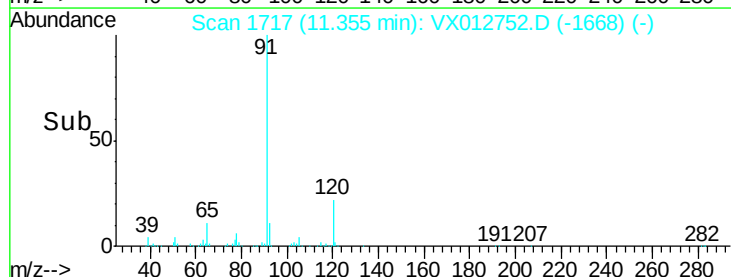
91 100

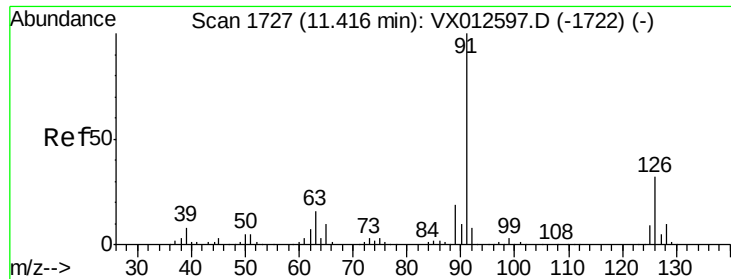
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

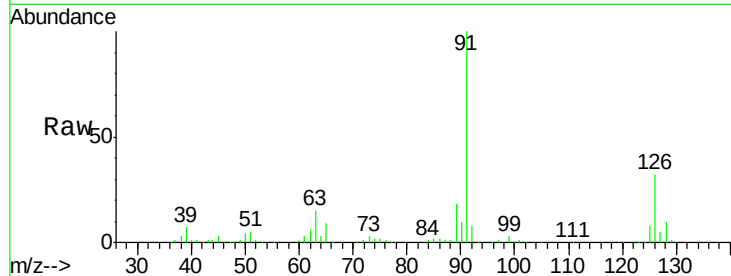




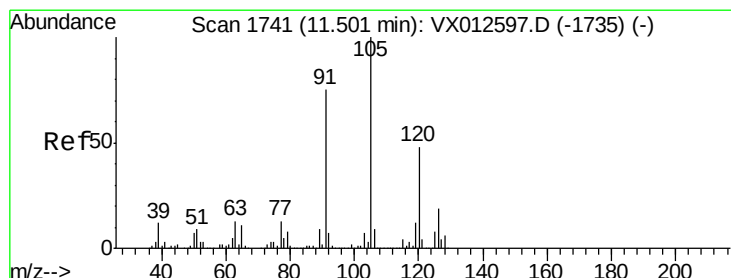
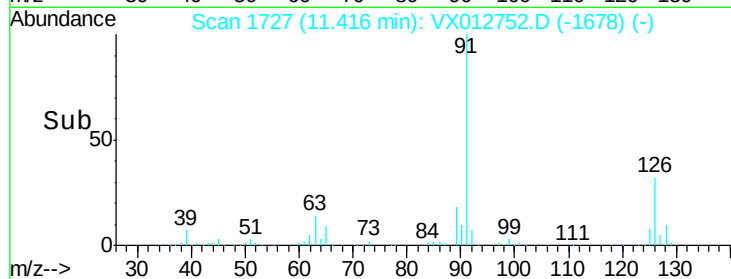
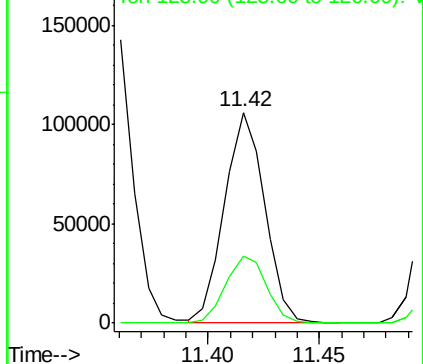
#79
 2-Chlorotoluene
 Concen: 18.132 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 132614
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.4

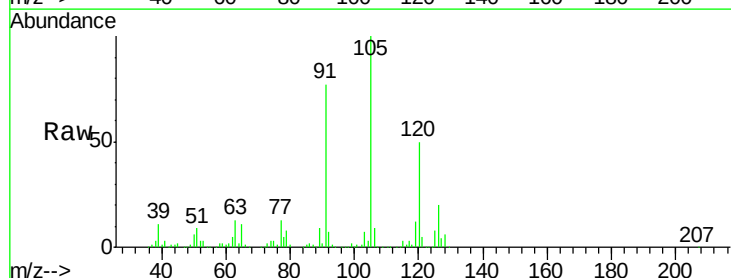


Abundance Ion 91.00 (90.70 to 91.70): VX012752.D (-1678) (-)
 Ion 125.90 (125.60 to 126.60): VX012752.D (-1678) (-)

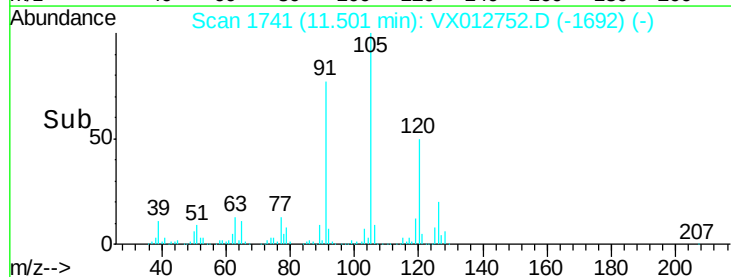
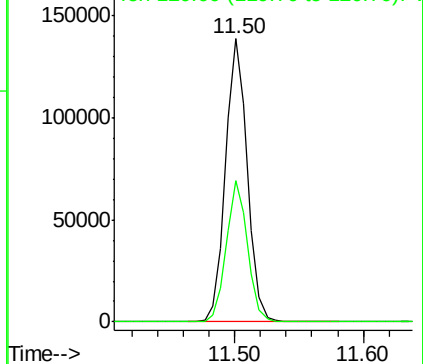


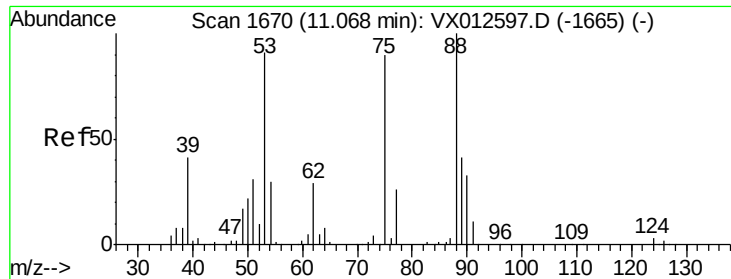
#80
 1,3,5-Trimethylbenzene
 Concen: 18.935 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 105 Resp: 165362
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012752.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX012752.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.082 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

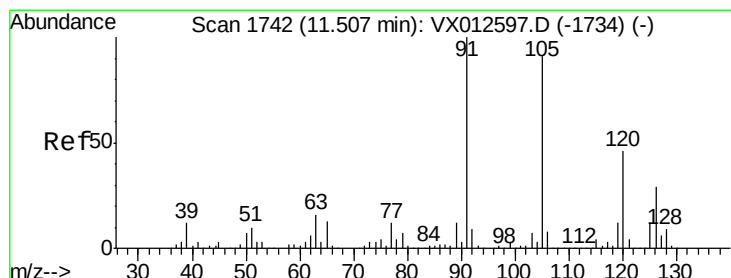
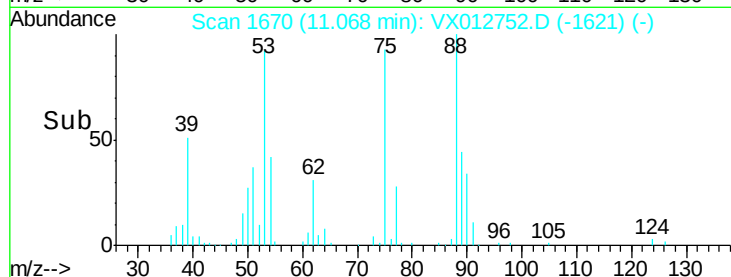
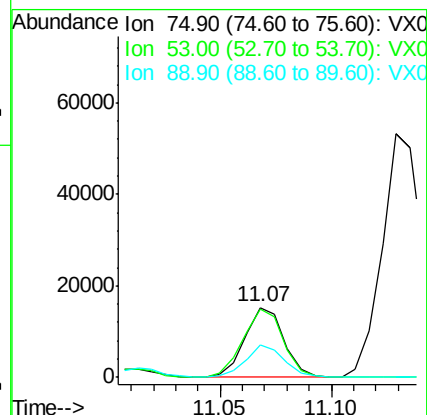
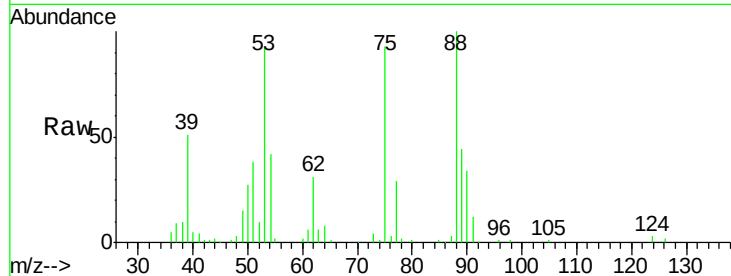
Tot Ion: 75 Resp: 18981

Ion Ratio Lower Upper

75 100

53 100.2 83.6 125.4

89 45.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.492 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012752.D

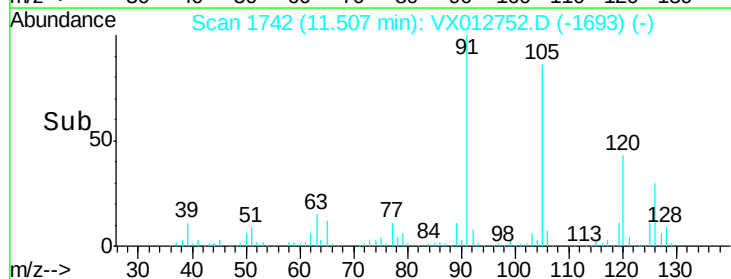
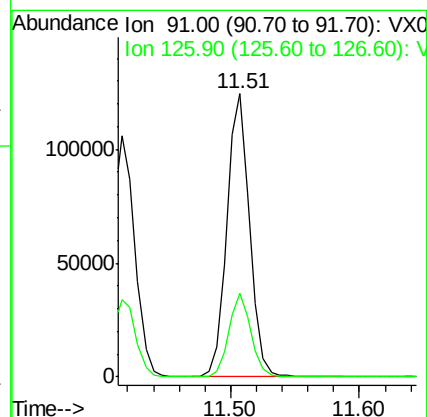
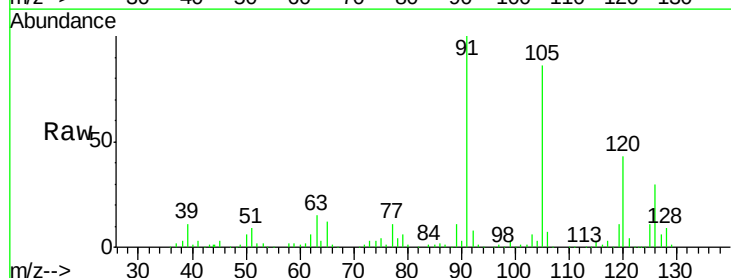
Acq: 02 Oct 2019 11:43

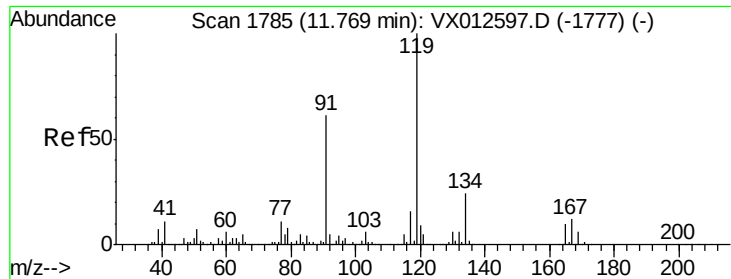
Tgt Ion: 91 Resp: 154180

Ion Ratio Lower Upper

91 100

126 28.7 14.4 43.0

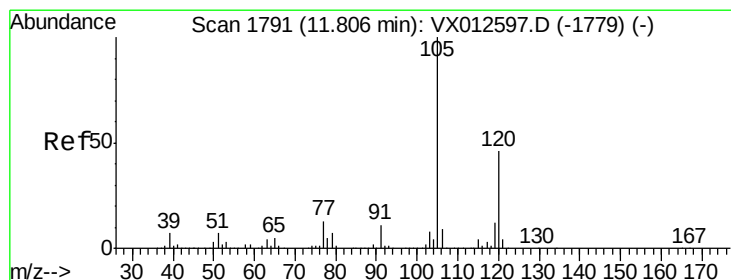
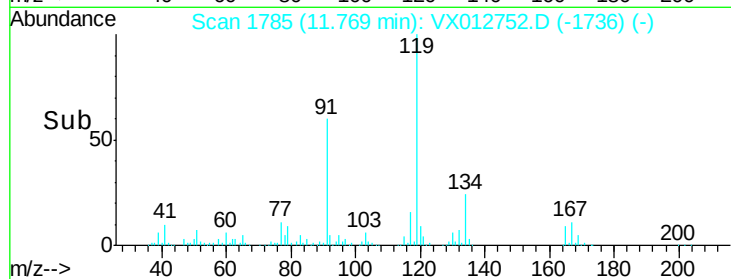
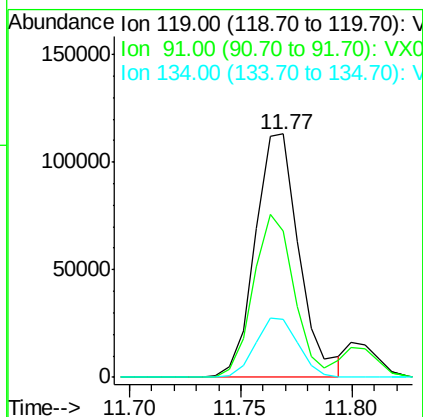
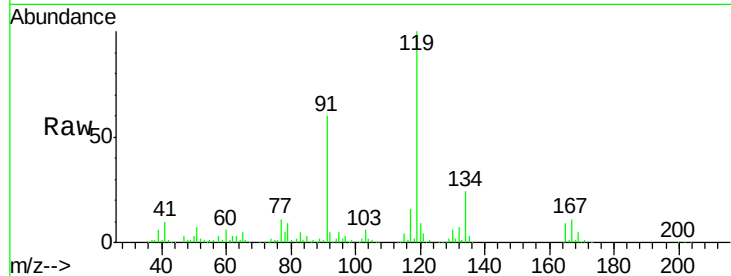




#83
 tert-Butylbenzene
 Concen: 18.495 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

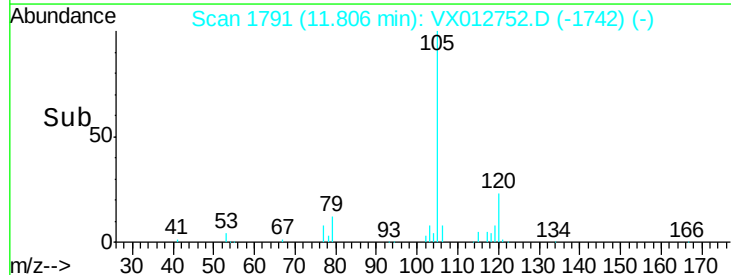
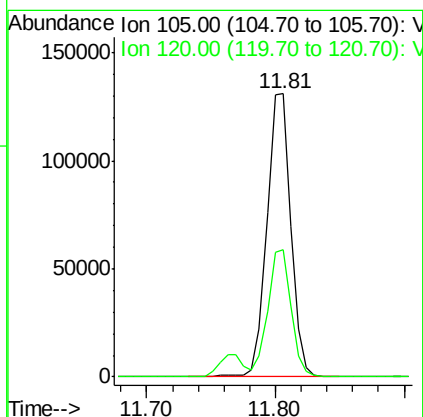
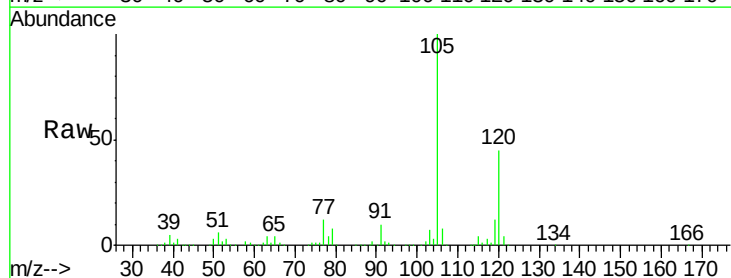
Instrument :
 MSVOA_X
 ClientSampled :

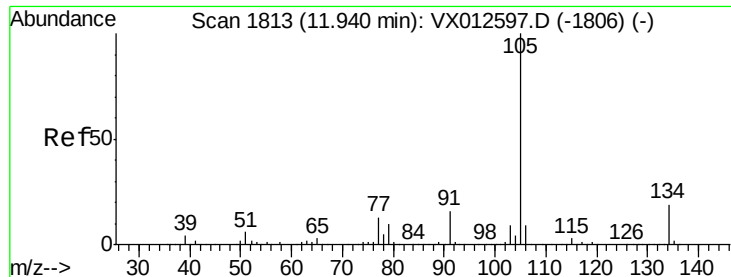
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.0	90.0
134	23.5	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.305 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.237 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

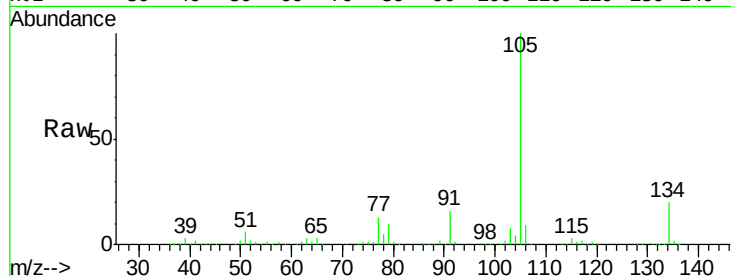
ClientSampleId :

Tot Ion:105 Resp: 188494

Ion Ratio Lower Upper

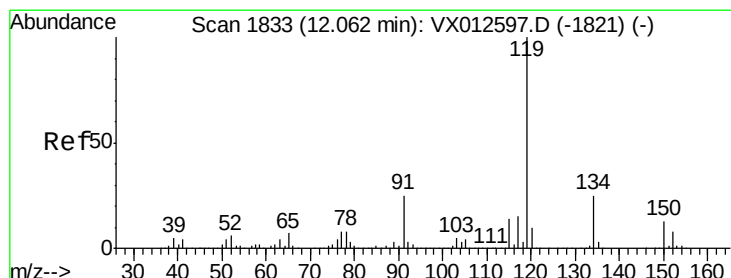
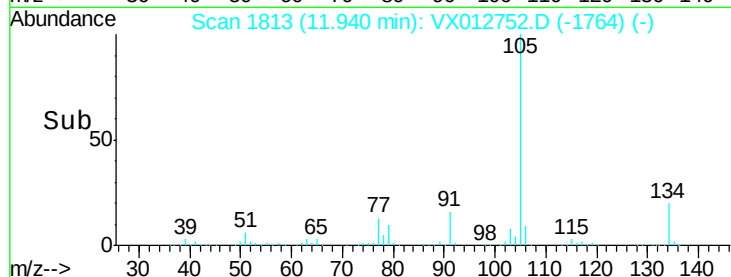
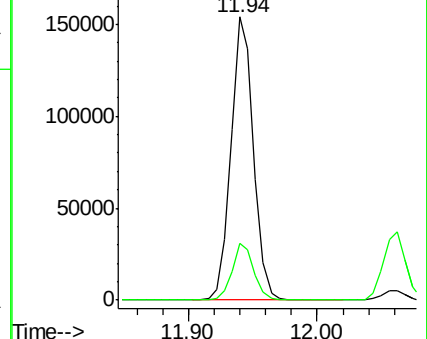
105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.406 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

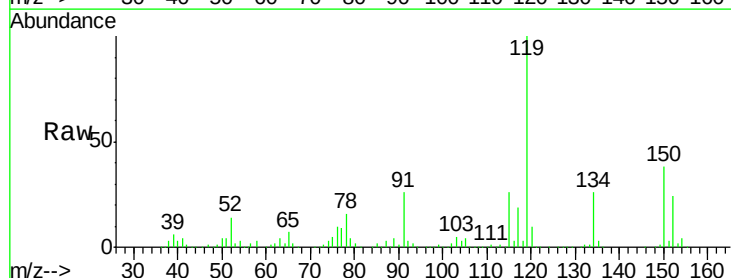
Tgt Ion:119 Resp: 171573

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

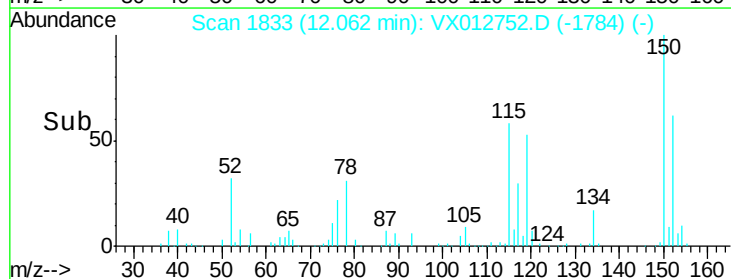
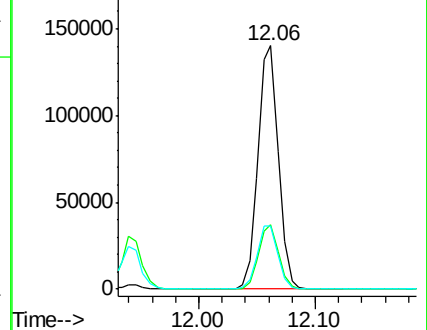
91 26.4 12.8 38.4

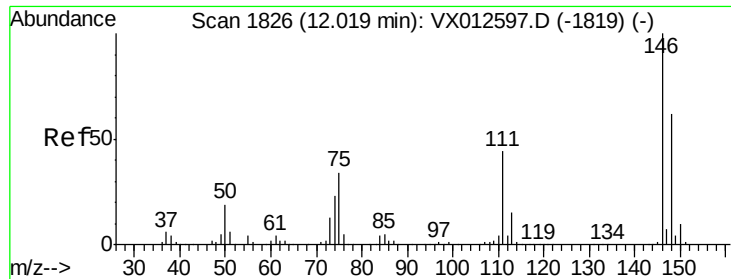


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

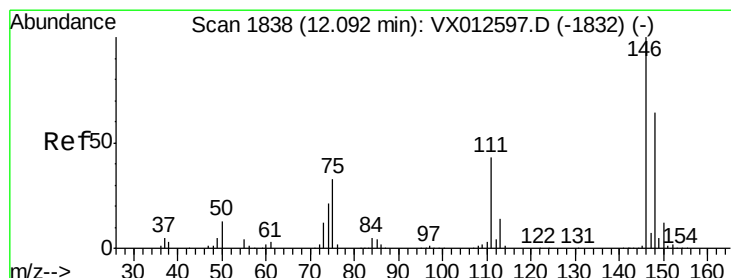
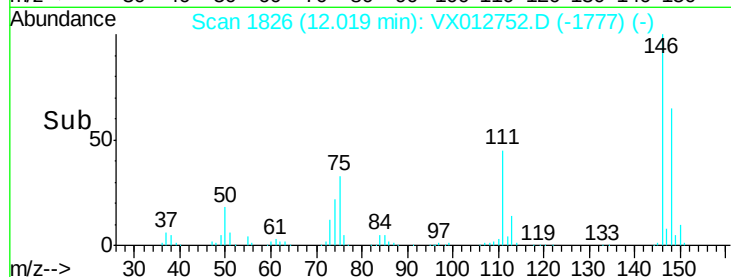
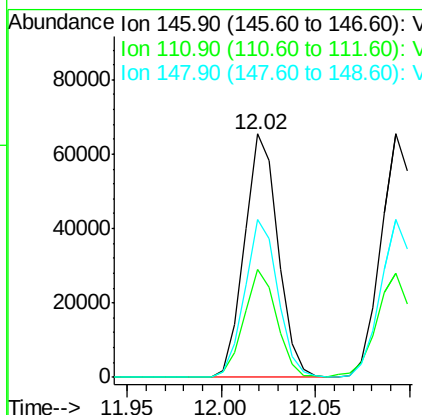
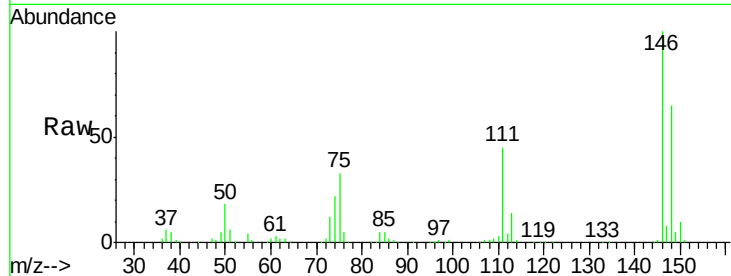




#87
 1,3-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

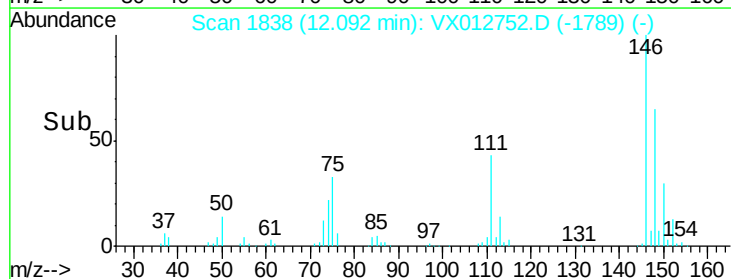
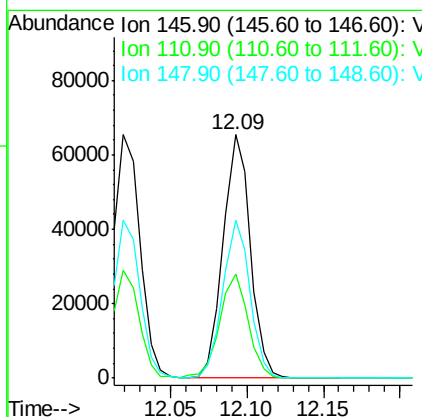
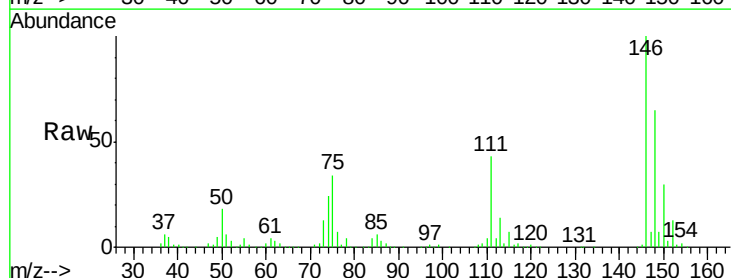
Instrument :
 MSVOA_X
 ClientSampled :

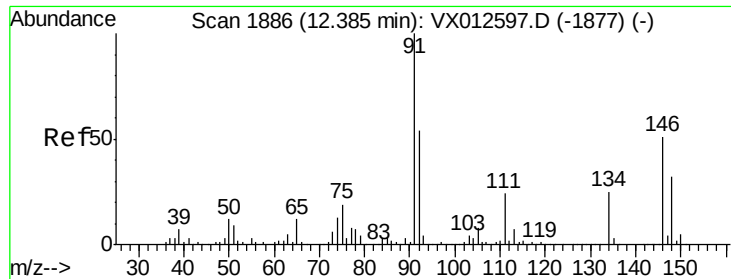
Tot Ion:146 Resp: 81135
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 64.0
 148 64.0 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 18.874 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion:146 Resp: 80899
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.1 63.3
 148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 18.162 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

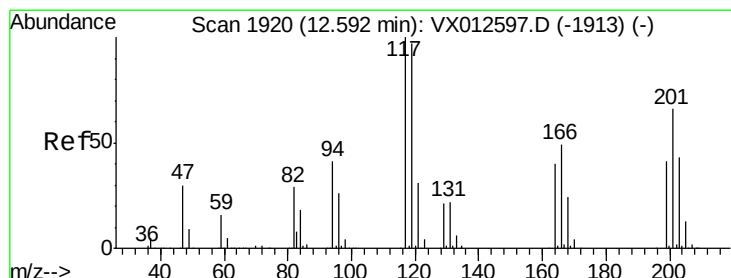
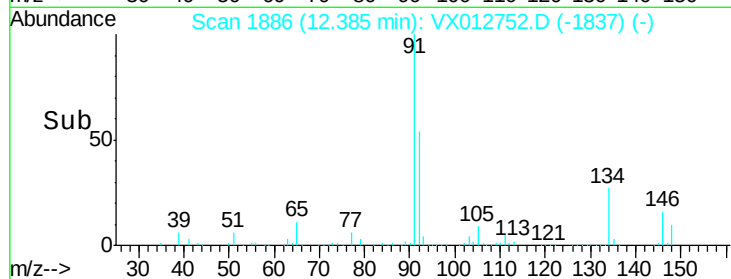
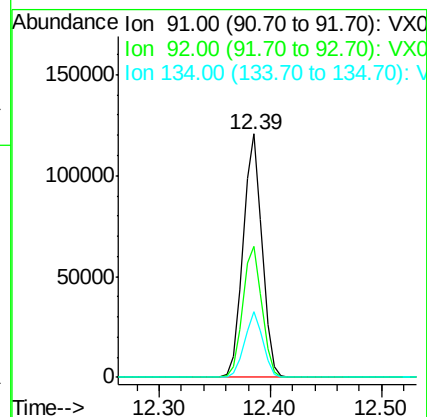
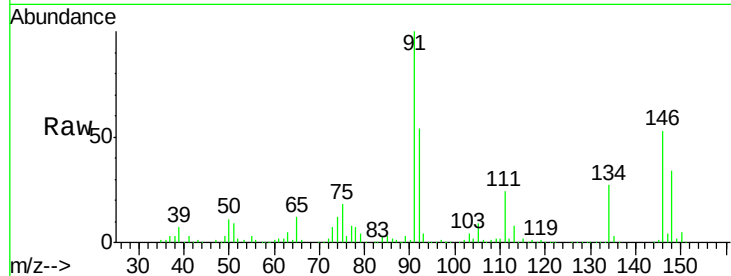
Tot Ion: 91 Resp: 141497

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

134 26.2 12.9 38.6



#90

Hexachloroethane

Concen: 18.096 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012752.D

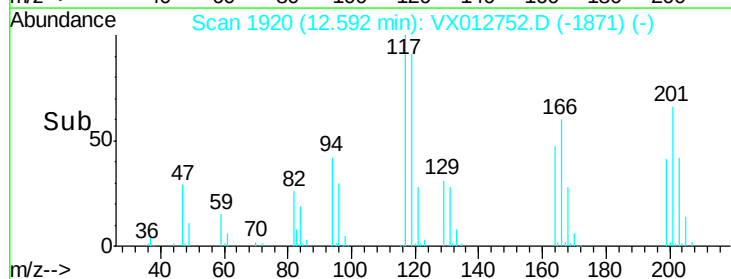
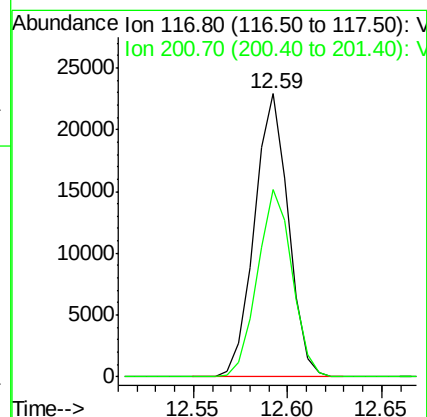
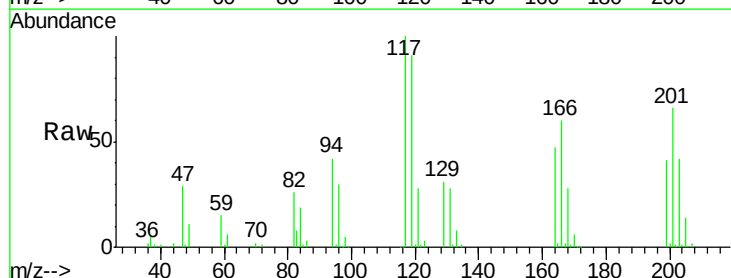
Acq: 02 Oct 2019 11:43

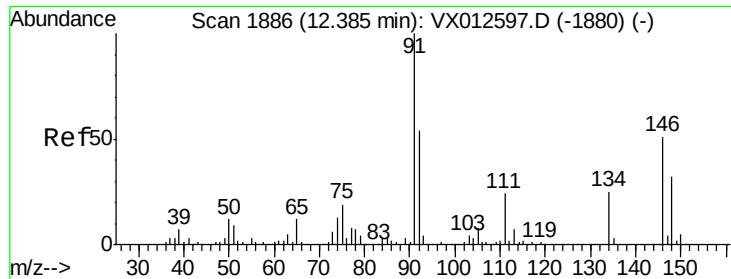
Tgt Ion: 117 Resp: 28524

Ion Ratio Lower Upper

117 100

201 67.5 33.3 99.8

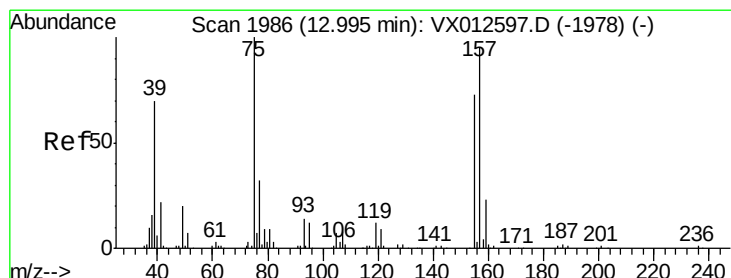
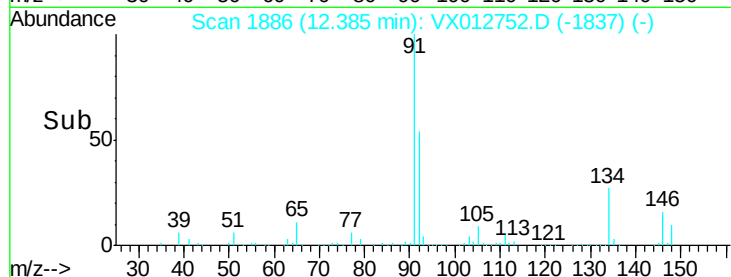
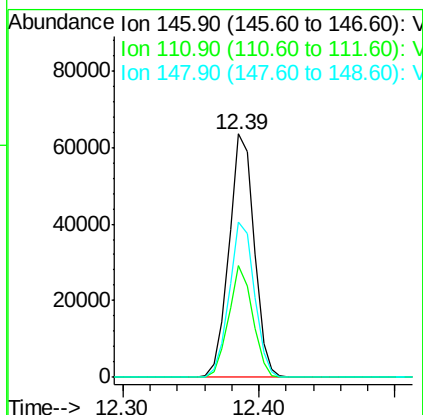
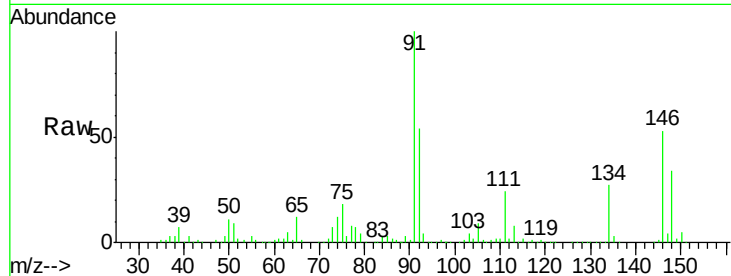




#91
 1,2-Dichlorobenzene
 Concen: 19.238 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

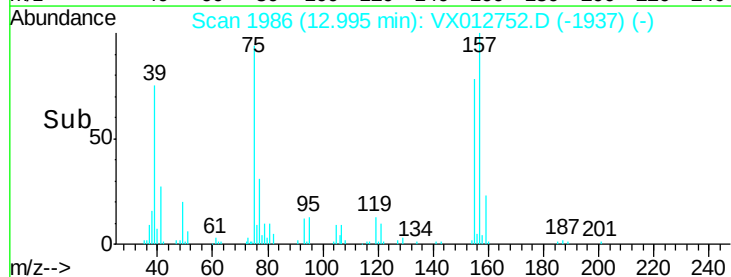
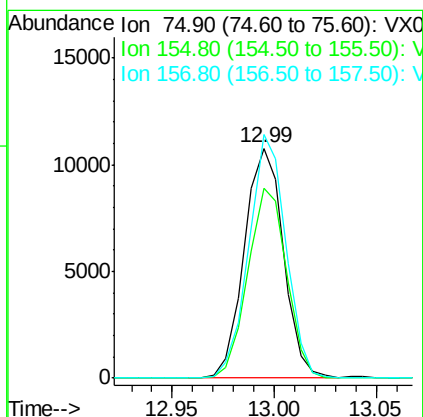
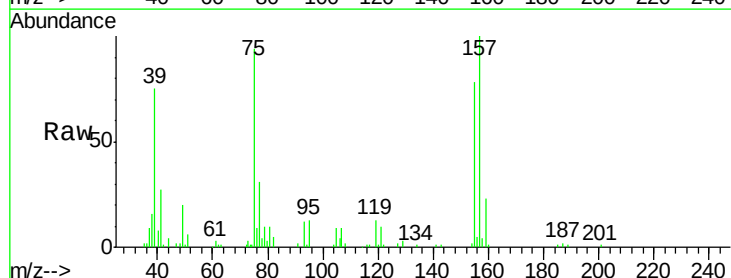
Instrument :
 MSVOA_X
 ClientSampleId :

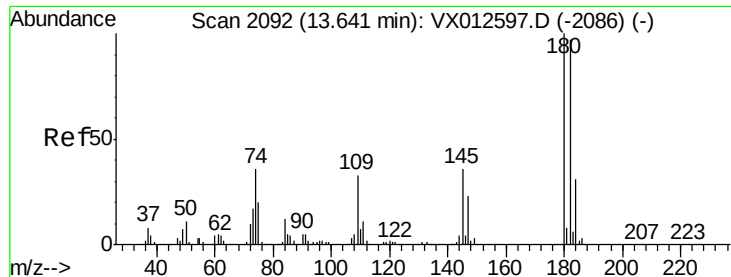
Tot Ion:146 Resp: 81697
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.1 66.1
 148 64.0 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.634 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012752.D
 Acq: 02 Oct 2019 11:43

Tgt Ion: 75 Resp: 14351
 Ion Ratio Lower Upper
 75 100
 155 81.9 38.6 115.8
 157 100.8 50.6 151.9

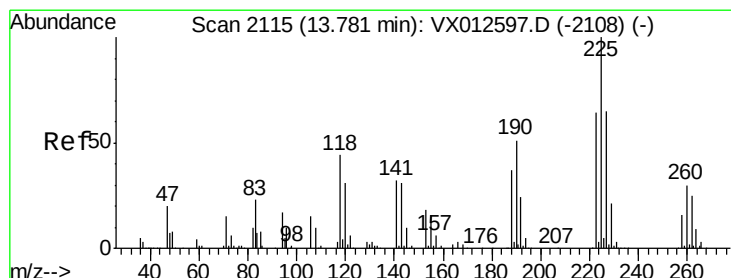
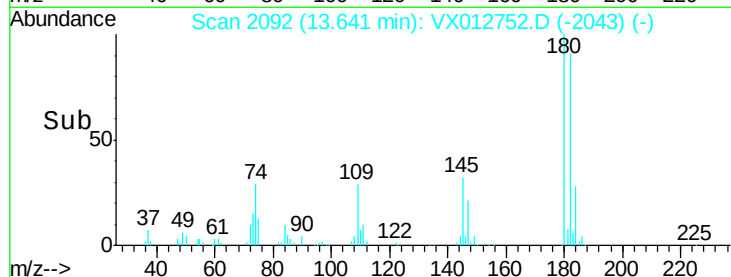
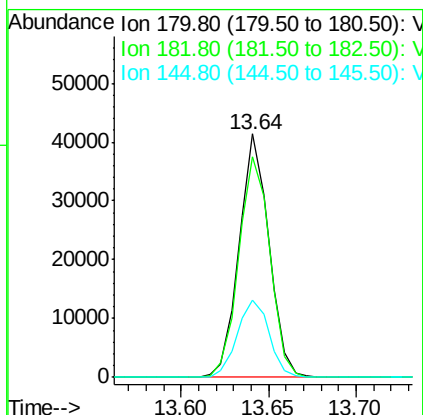
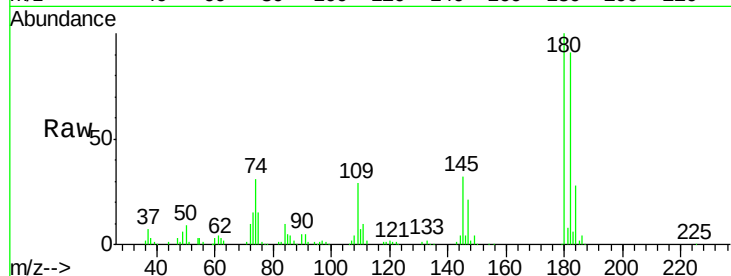




#93
1,2,4-Trichlorobenzene
Concen: 18.911 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

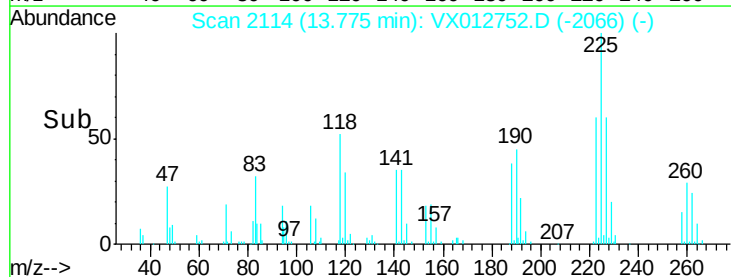
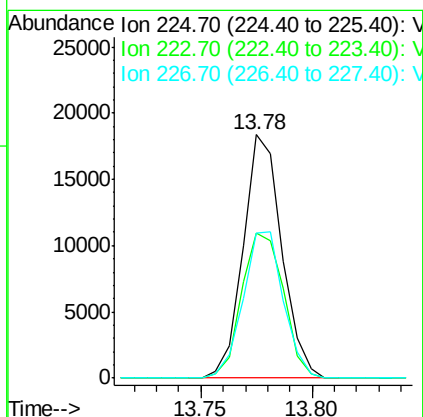
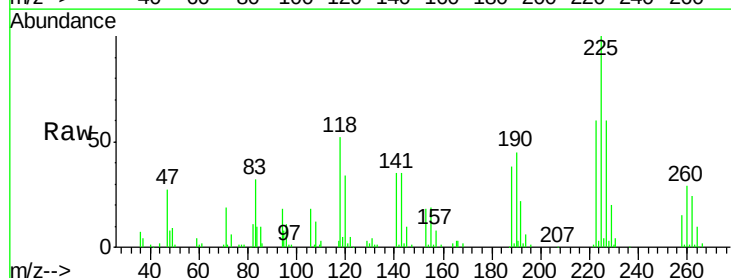
Instrument :
MSVOA_X
ClientSampled :

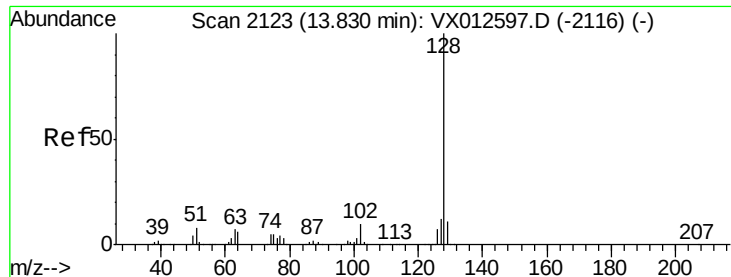
Tot Ion:180 Resp: 48975
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 33.9 16.8 50.4



#94
Hexachlorobutadiene
Concen: 19.949 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012752.D
Acq: 02 Oct 2019 11:43

Tgt Ion:225 Resp: 22226
Ion Ratio Lower Upper
225 100
223 64.7 32.0 96.2
227 63.1 31.9 95.5





#95

Naphthalene

Concen: 18.888 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

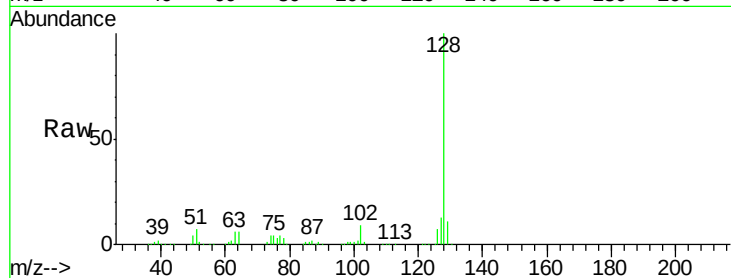
Tot Ion:128 Resp: 176976

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

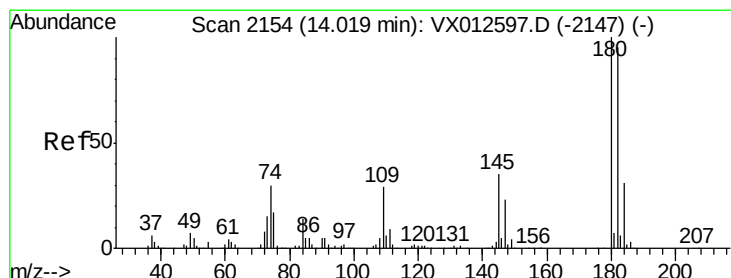
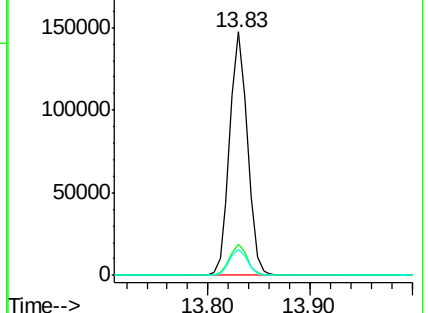
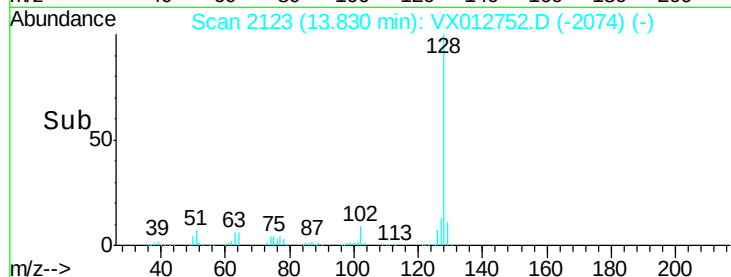
129 10.7 8.8 13.2



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: 19.510 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012752.D

Acq: 02 Oct 2019 11:43

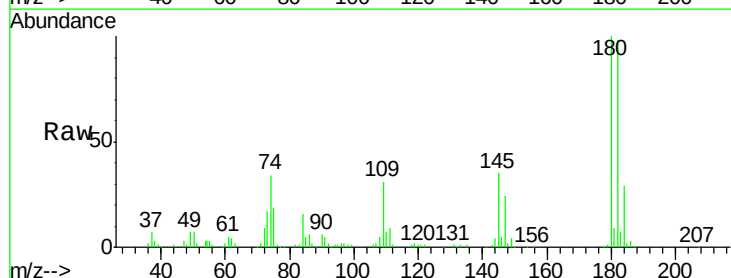
Tgt Ion:180 Resp: 50613

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 34.5 18.0 54.0



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

