

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010667.D
 Acq On : 04 Jul 2019 05:08
 Operator : JC/SP
 Sample : VX0703WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Quant Time: Jul 04 05:28:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155445	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107696	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
35) Dibromofluoromethane	5.50	113	102745	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	8.71	98	378631	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	137307	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37607	25.163	ug/l	99
3) Chloromethane	1.32	50	39518	22.708	ug/l	99
4) Vinyl Chloride	1.41	62	43976	23.071	ug/l	99
5) Bromomethane	1.64	94	25386	27.337	ug/l	97
6) Chloroethane	1.72	64	27915	24.822	ug/l	99
7) Trichlorofluoromethane	1.93	101	72343	23.941	ug/l	97
8) Diethyl Ether	2.19	74	26172	24.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40629	22.187	ug/l	97
10) Methyl Iodide	2.51	142	49059	18.773	ug/l	98
11) Tert butyl alcohol	3.04	59	58626	111.159	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42201	22.648	ug/l	97
13) Acrolein	2.29	56	28340	81.002	ug/l	97
14) Allyl chloride	2.73	41	54512	20.606	ug/l	97
15) Acrylonitrile	3.14	53	118256	113.249	ug/l	98
16) Acetone	2.45	43	98178	97.192	ug/l	99
17) Carbon Disulfide	2.57	76	100230	20.050	ug/l	100
18) Methyl Acetate	2.78	43	49854	24.763	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	132926	22.676	ug/l	99
20) Methylene Chloride	2.85	84	47419	22.811	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	44476	22.193	ug/l	96
22) Diisopropyl ether	3.85	45	126146	22.807	ug/l	96
23) Vinyl Acetate	3.81	43	516412	108.079	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72693	22.737	ug/l	99
25) 2-Butanone	4.67	43	159528	107.662	ug/l	100
26) 2,2-Dichloropropane	4.59	77	35510	12.786	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	50241	21.695	ug/l	99
28) Bromochloromethane	5.01	49	29049	19.004	ug/l	93
29) Tetrahydrofuran	5.13	42	105065	114.474	ug/l	99
30) Chloroform	5.21	83	78107	22.706	ug/l	96
31) Cyclohexane	5.58	56	65087	22.356	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	66226	21.804	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56011	21.345	ug/l	99
37) Ethyl Acetate	4.83	43	59448	22.021	ug/l	100
38) Carbon Tetrachloride	5.79	117	55481	19.525	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69118	20.038	ug/l	97
40) Benzene	6.14	78	177222	21.678	ug/l	99
41) Methacrylonitrile	5.04	41	33264	22.458	ug/l	96
42) 1,2-Dichloroethane	6.20	62	58490	23.504	ug/l	99
43) Isopropyl Acetate	6.45	43	94992	21.268	ug/l	98
44) Trichloroethene	7.21	130	51371	21.000	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44566	21.587	ug/l	98
46) Dibromomethane	7.66	93	32363	21.849	ug/l	97
47) Bromodichloromethane	7.90	83	54361	20.026	ug/l	99
48) Methyl methacrylate	7.77	41	45684	22.005	ug/l	99
49) 1,4-Dioxane	7.74	88	26151	437.271	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	320334	112.142	ug/l	99
52) Toluene	8.79	92	115947	21.537	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53583	17.607	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62050	18.762	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	21.988	ug/l	98
56) Ethyl methacrylate	9.18	69	70778	21.043	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74688	21.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	153076	95.826	ug/l	99
59) 2-Hexanone	9.49	43	247162	109.939	ug/l	98
60) Dibromochloromethane	9.58	129	47234	19.000	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50374	21.019	ug/l	99
64) Tetrachloroethene	9.34	164	52119	21.369	ug/l	96
65) Chlorobenzene	10.14	112	129997	21.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44451	19.933	ug/l	98
67) Ethyl Benzene	10.25	91	218290	21.121	ug/l	100
68) m/p-Xylenes	10.36	106	170988	42.697	ug/l	99
69) o-Xylene	10.70	106	82653	20.987	ug/l	99
70) Styrene	10.71	104	138890	21.029	ug/l	99
71) Bromoform	10.85	173	33411	17.229	ug/l #	97
73) Isopropylbenzene	11.02	105	219308	20.813	ug/l	98
74) N-amyl acetate	10.90	43	82140	20.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73256	20.992	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	73399	25.912	ug/l	81
77) Bromobenzene	11.26	156	58907	20.021	ug/l	96
78) n-propylbenzene	11.36	91	241001	20.810	ug/l	99
79) 2-Chlorotoluene	11.42	91	143598	20.823	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181252	20.865	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16633	13.699	ug/l #	85
82) 4-Chlorotoluene	11.51	91	166713	21.245	ug/l	99
83) tert-Butylbenzene	11.77	119	175930	20.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182794	20.945	ug/l	100
85) sec-Butylbenzene	11.94	105	209154	20.431	ug/l	100
86) p-Isopropyltoluene	12.06	119	192208	20.299	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103860	20.222	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102896	19.679	ug/l	98
89) n-Butylbenzene	12.38	91	155953	19.382	ug/l	99
90) Hexachloroethane	12.60	117	27381	16.723	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	104075	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14544	19.330	ug/l	89

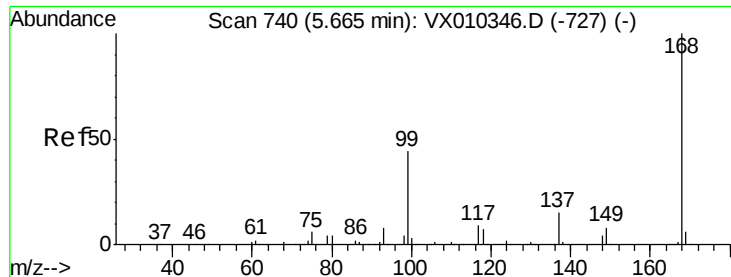
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66930	18.907	ug/l	100
94) Hexachlorobutadiene	13.78	225	32050	18.525	ug/l	99
95) Naphthalene	13.83	128	212277	19.514	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68045	19.333	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

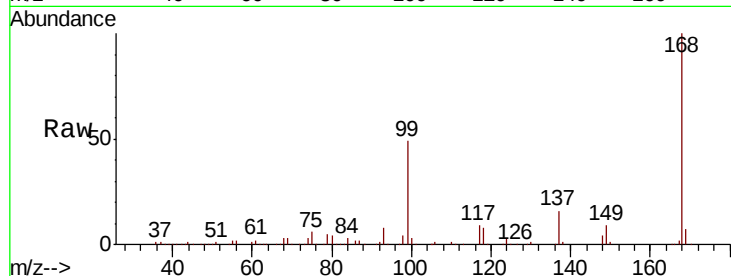
VX0703WBSD02

Tot Ion:168 Resp: 214971

Ion Ratio Lower Upper

168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

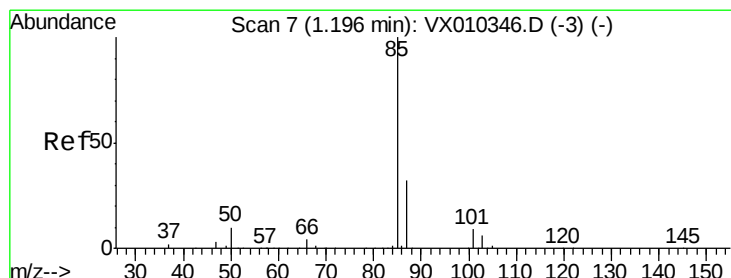
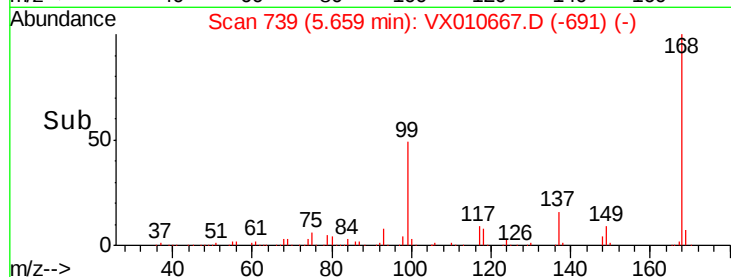
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 25.163 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010667.D

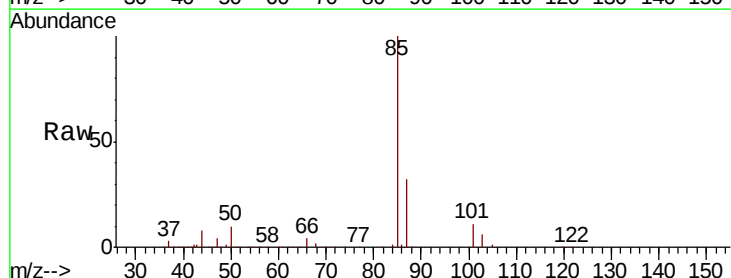
Acq: 04 Jul 2019 05:08

Tgt Ion: 85 Resp: 37607

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

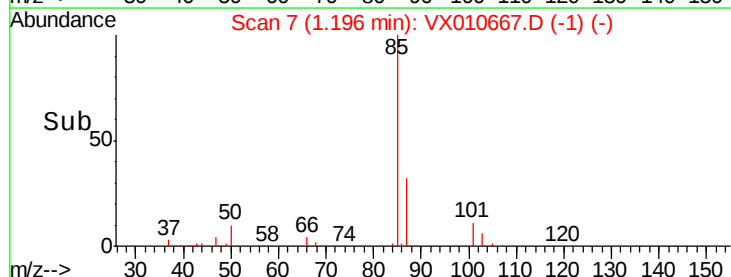
30000

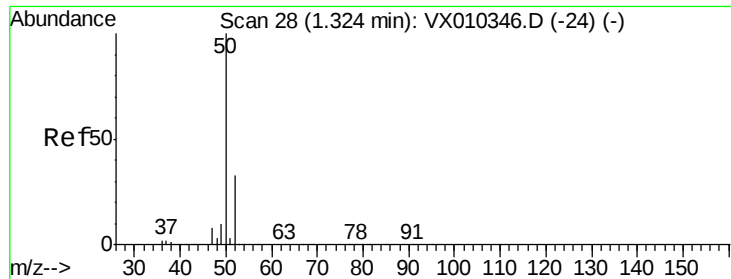
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 22.708 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

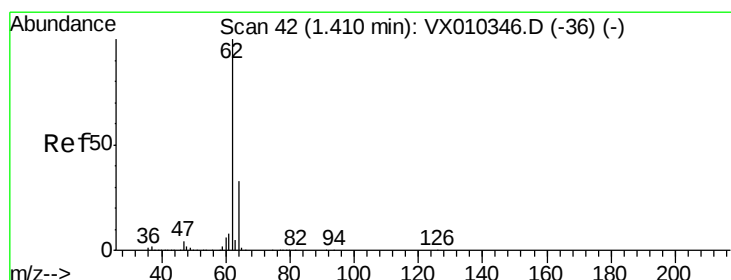
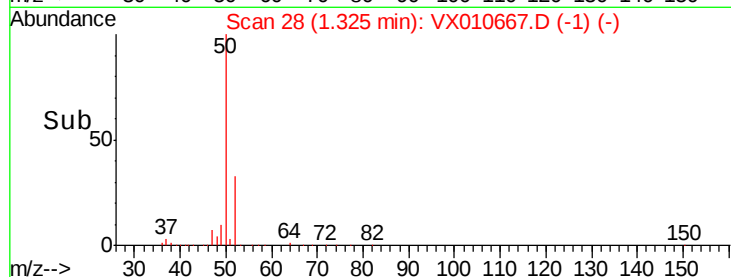
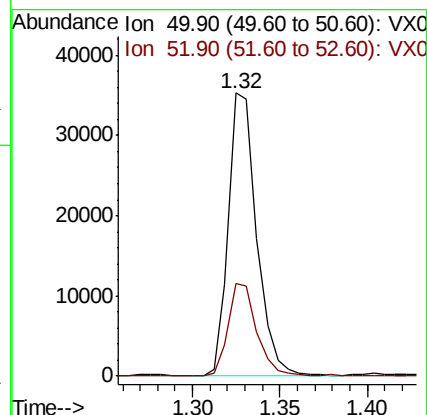
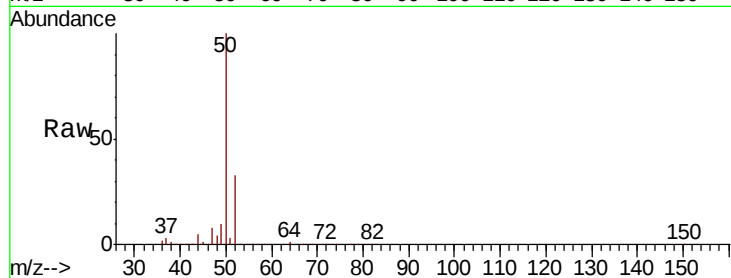
VX0703WBSD02

Tot Ion: 50 Resp: 39518

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 23.071 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010667.D

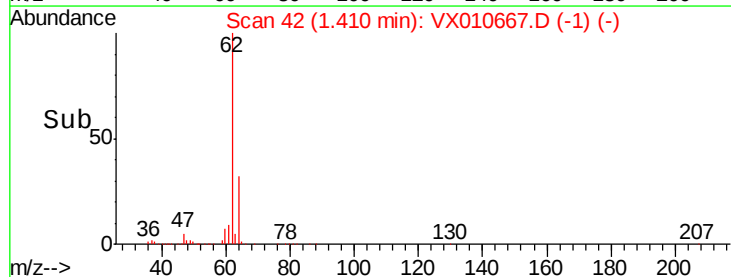
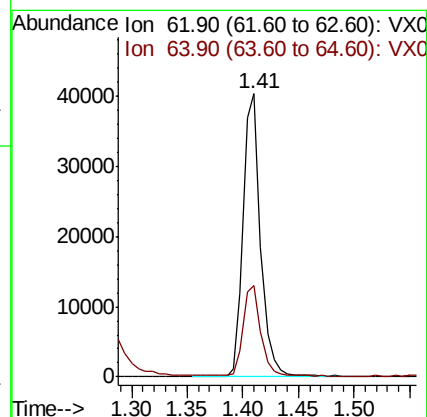
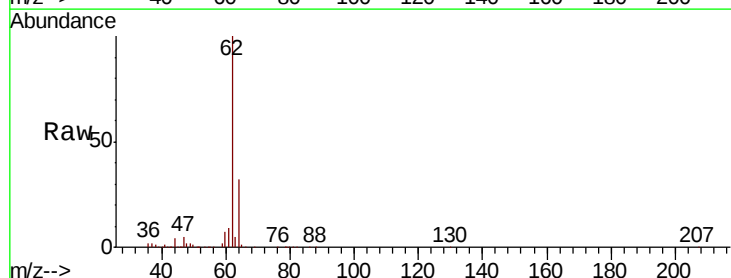
Acq: 04 Jul 2019 05:08

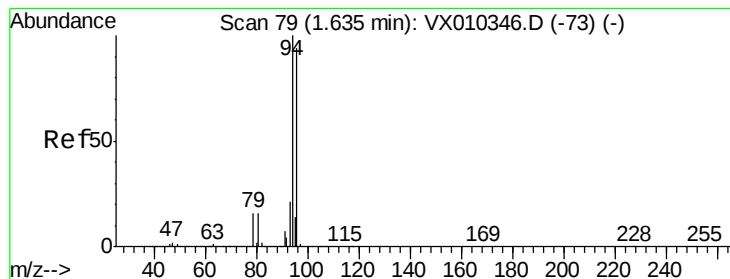
Tgt Ion: 62 Resp: 43976

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.4





#5

Bromomethane

Concen: 27.337 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

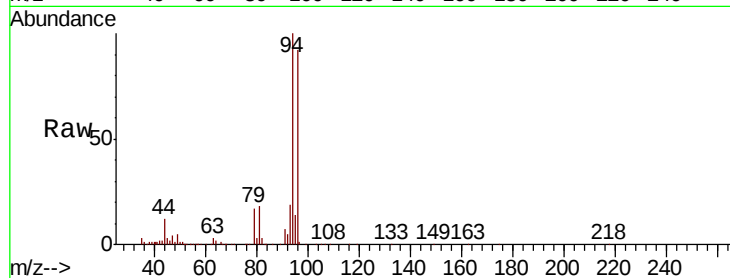
VX0703WBSD02

Tot Ion: 94 Resp: 25386

Ion Ratio Lower Upper

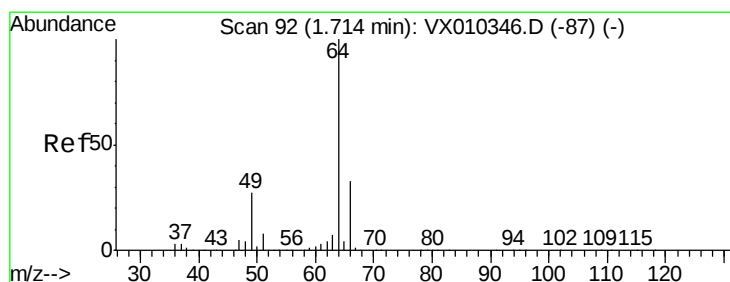
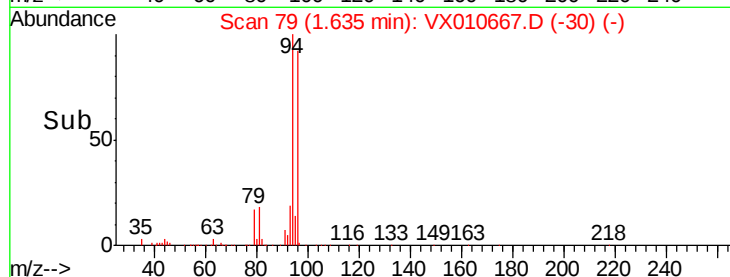
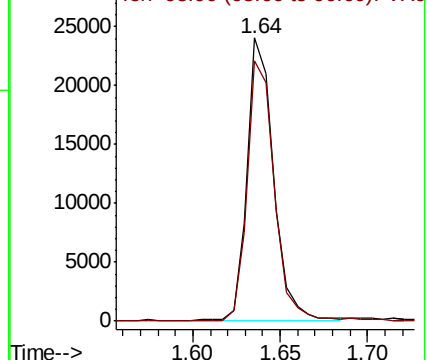
94 100

96 91.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.822 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010667.D

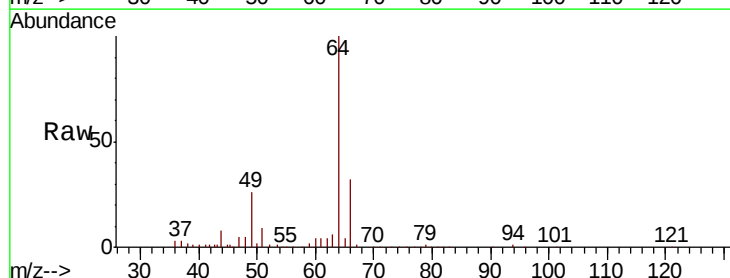
Acq: 04 Jul 2019 05:08

Tgt Ion: 64 Resp: 27915

Ion Ratio Lower Upper

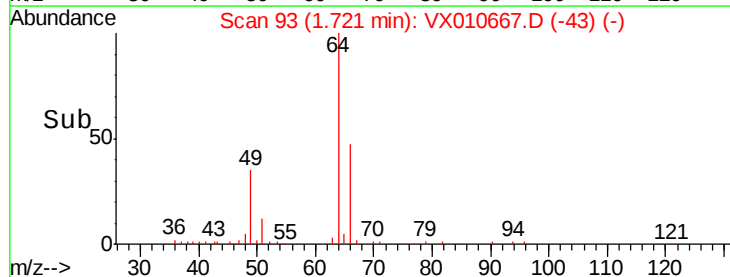
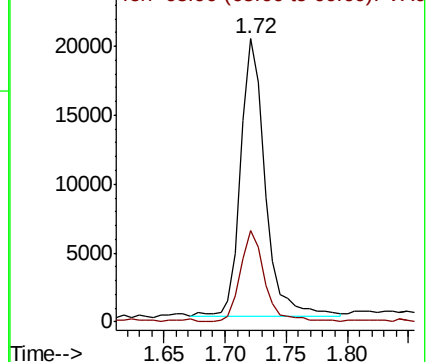
64 100

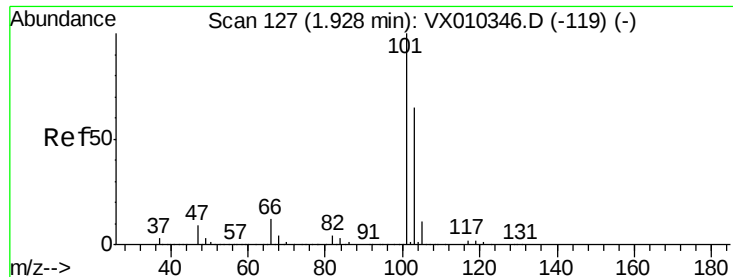
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



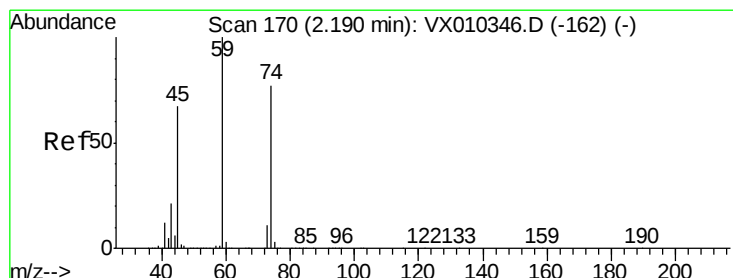
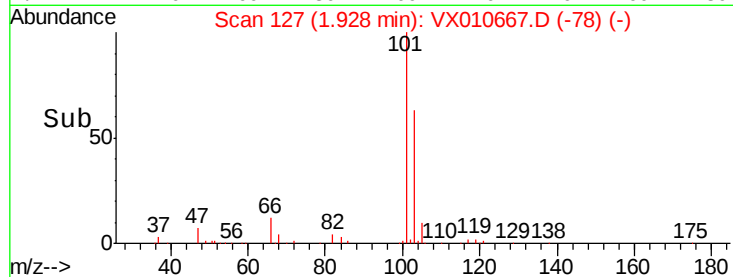
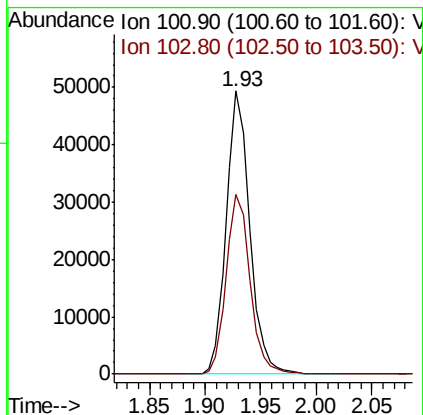
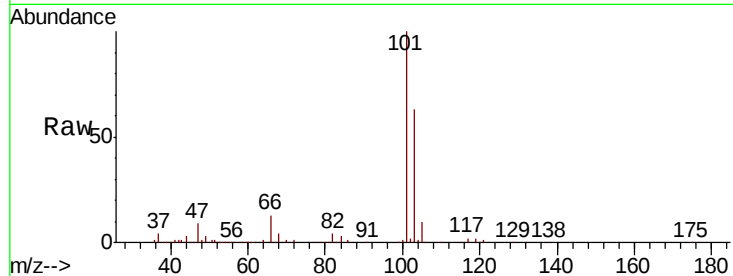


#7

Trichlorofluoromethane
Concen: 23.941 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

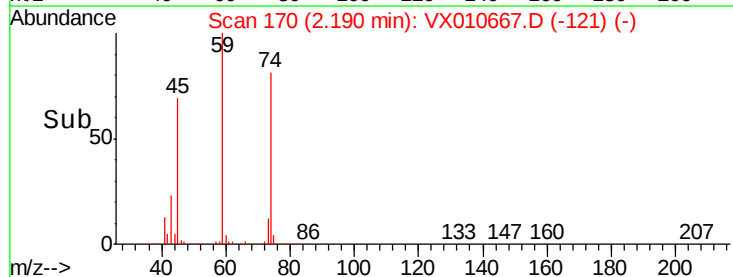
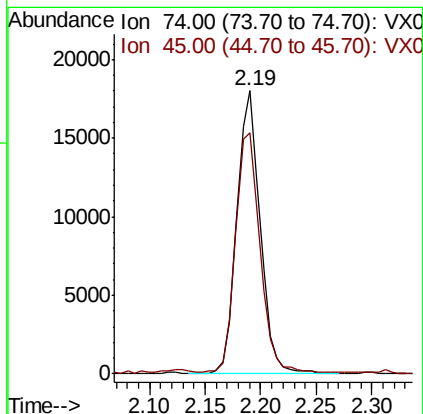
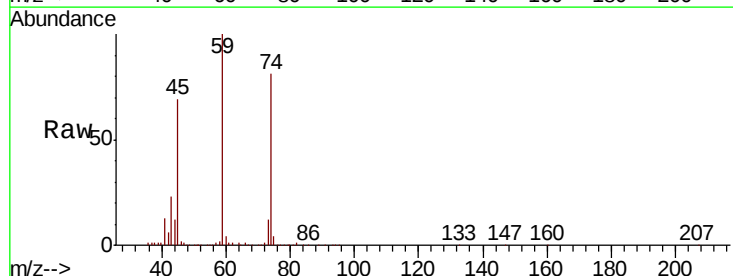
Tot Ion:101 Resp: 72343
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5



#8

Diethyl Ether
Concen: 24.152 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 74 Resp: 26172
Ion Ratio Lower Upper
74 100
45 88.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.187 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

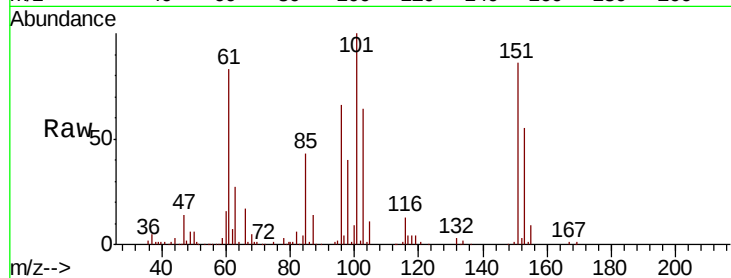
Tot Ion:101 Resp: 40629

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

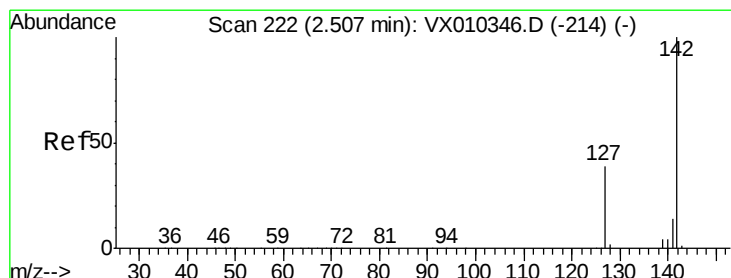
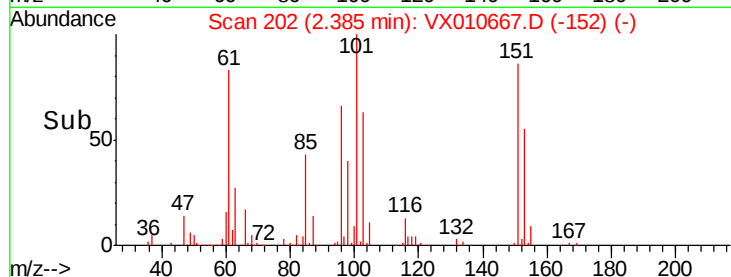
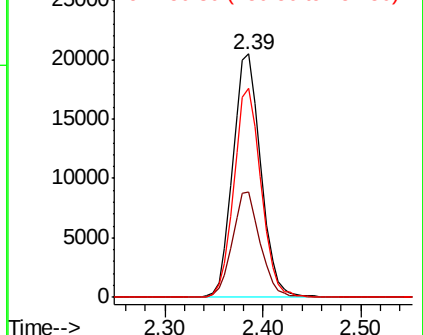
151 83.5 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.773 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

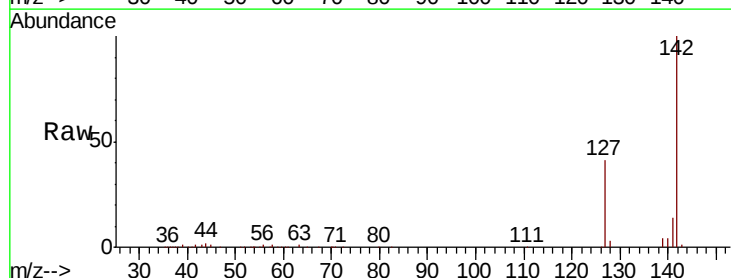
Tgt Ion:142 Resp: 49059

Ion Ratio Lower Upper

142 100

127 40.3 31.1 46.7

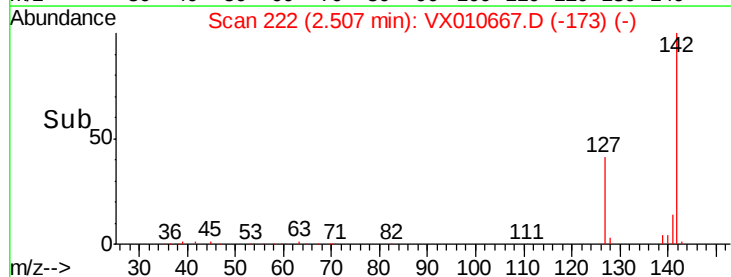
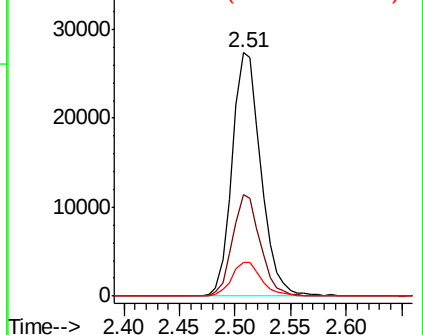
141 14.2 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



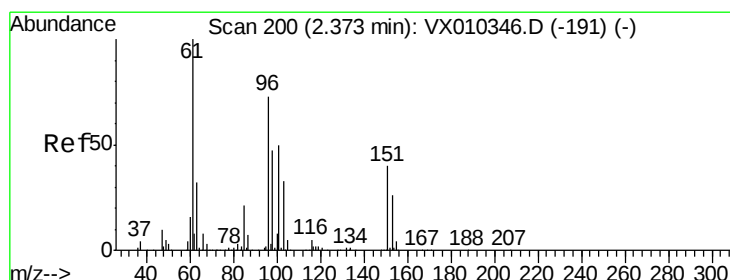
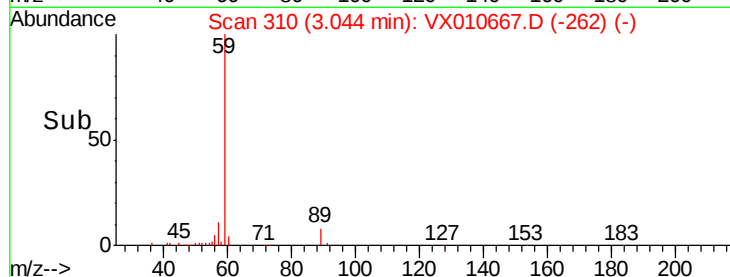
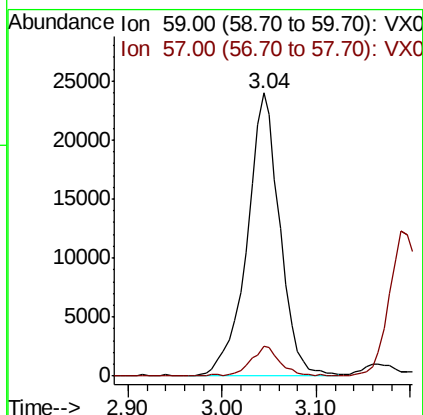
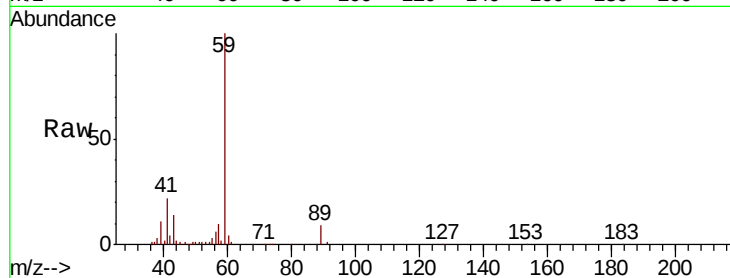


#11

Tert butyl alcohol
Concen: 111.159 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

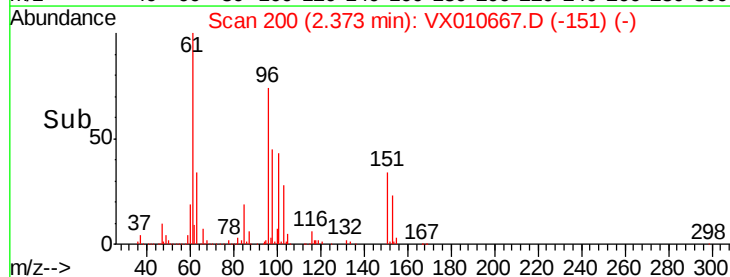
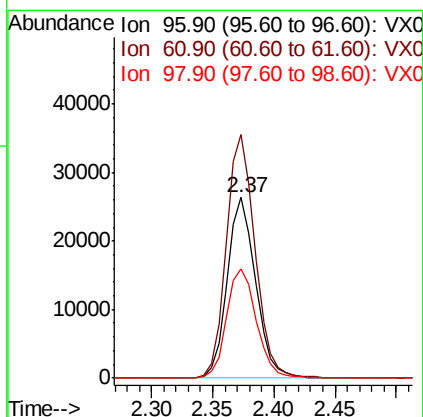
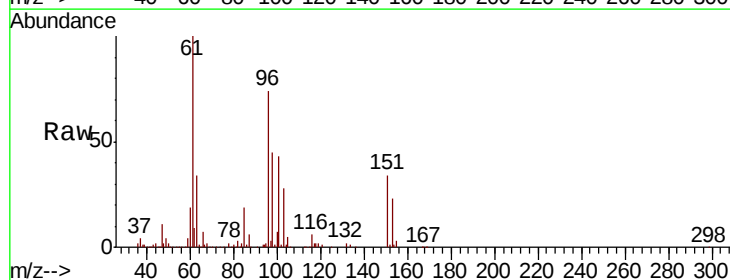
Tot Ion: 59 Resp: 58626
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12

1,1-Dichloroethene
Concen: 22.648 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 96 Resp: 42201
Ion Ratio Lower Upper
96 100
61 134.4 109.2 163.8
98 60.1 51.1 76.7





#13

Acrolein

Concen: 81.002 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

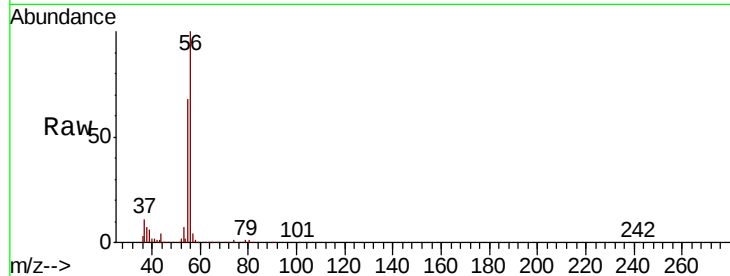
VX0703WBSD02

Tot Ion: 56 Resp: 28340

Ion Ratio Lower Upper

56 100

55 68.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

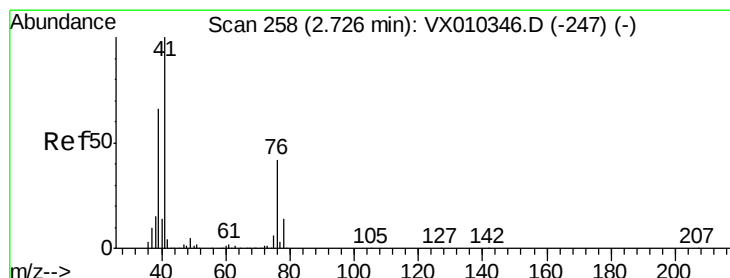
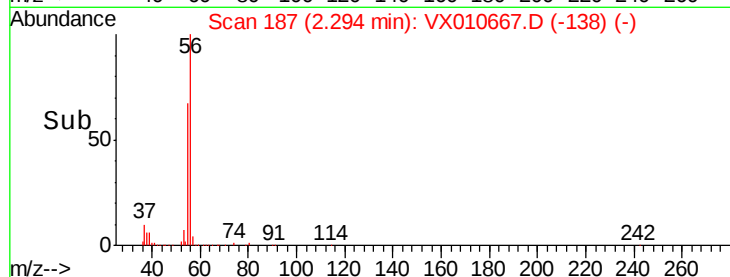
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 20.606 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

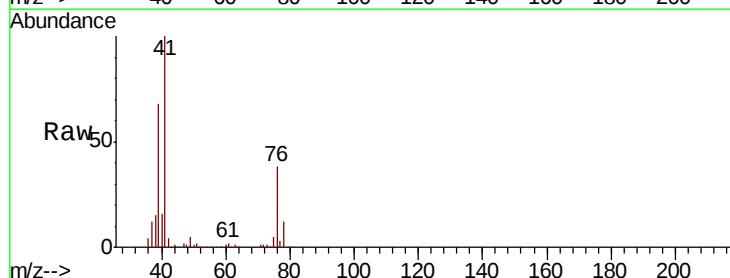
Tgt Ion: 41 Resp: 54512

Ion Ratio Lower Upper

41 100

39 66.7 50.3 75.5

76 39.6 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

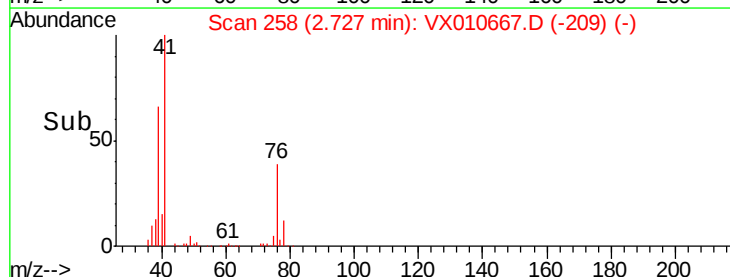
20000

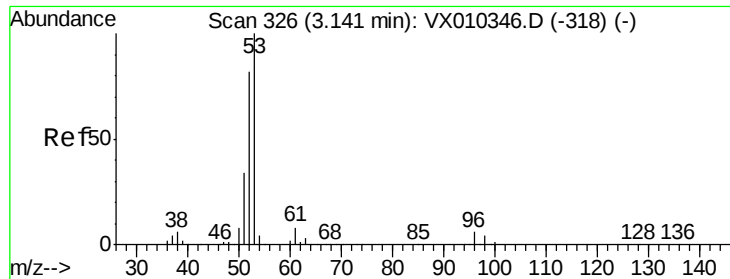
10000

0

Time-->

2.70 2.80





#15

Acrylonitrile

Concen: 113.249 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

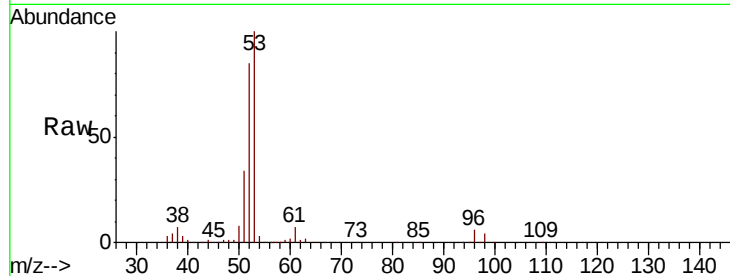
Tot Ion: 53 Resp: 118256

Ion Ratio Lower Upper

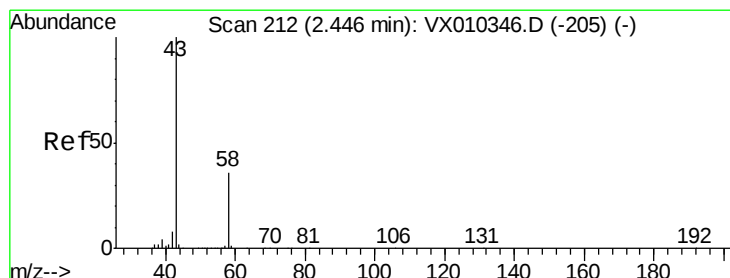
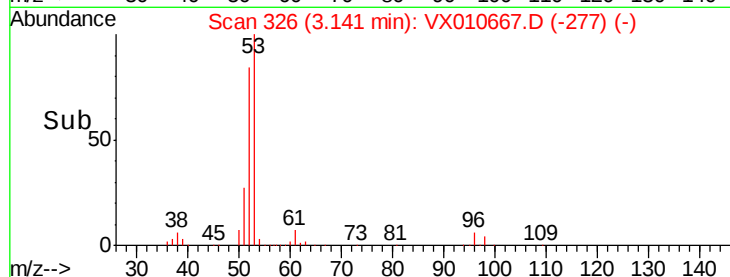
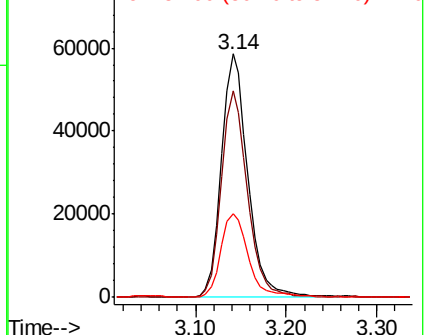
53 100

52 84.4 65.5 98.3

51 36.0 28.2 42.4



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: 97.192 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010667.D

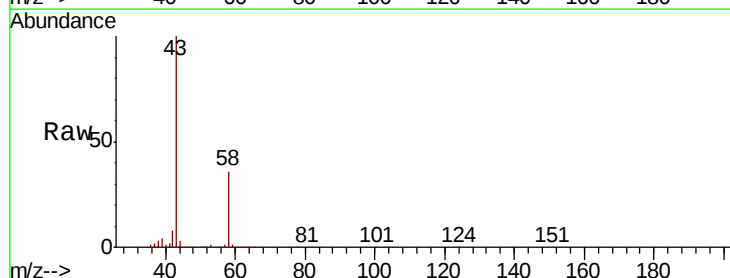
Acq: 04 Jul 2019 05:08

Tgt Ion: 43 Resp: 98178

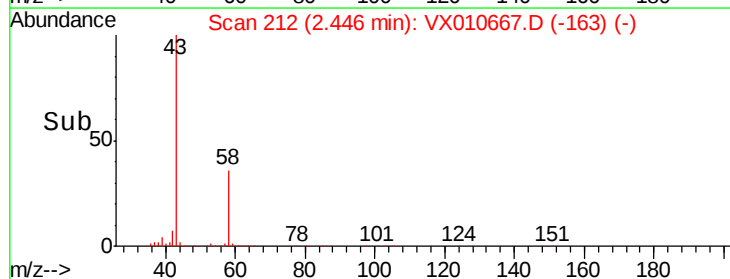
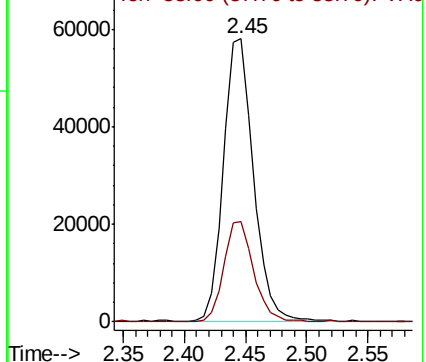
Ion Ratio Lower Upper

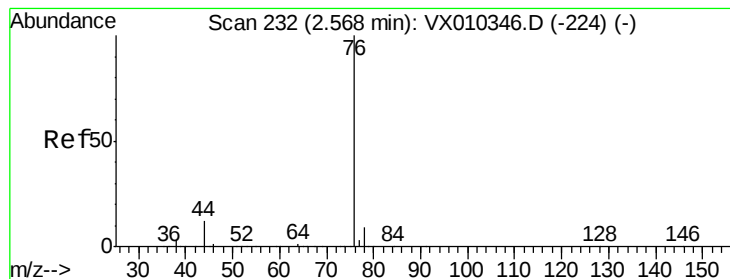
43 100

58 35.6 28.9 43.3



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





#17

Carbon Disulfide

Concen: 20.050 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

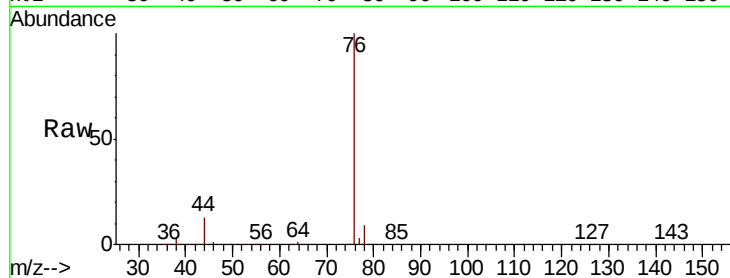
VX0703WBSD02

Tot Ion: 76 Resp: 100230

Ion Ratio Lower Upper

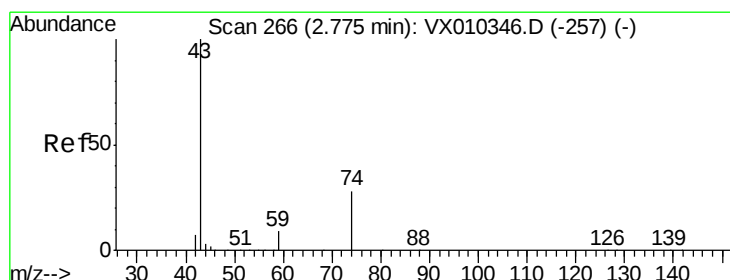
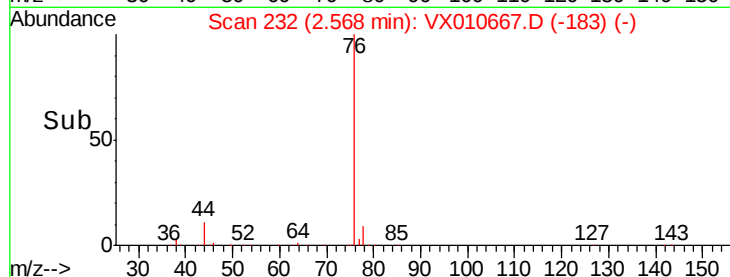
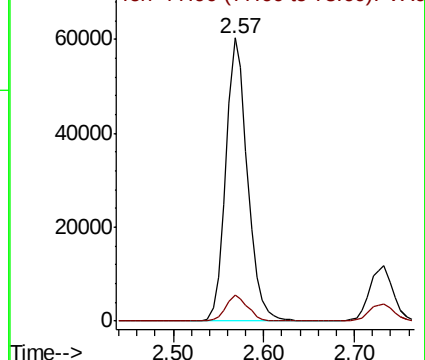
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.763 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010667.D

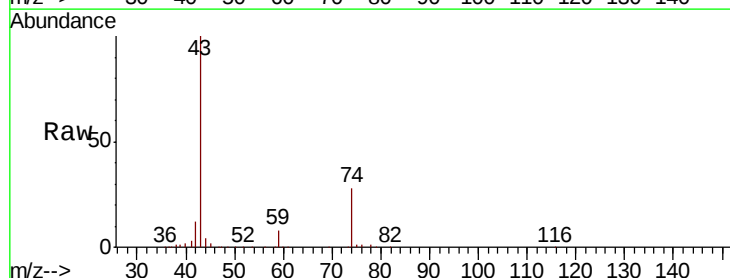
Acq: 04 Jul 2019 05:08

Tgt Ion: 43 Resp: 49854

Ion Ratio Lower Upper

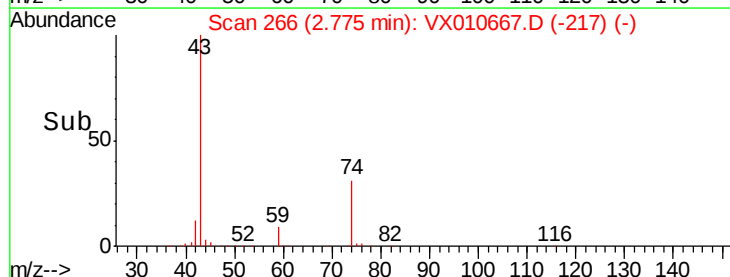
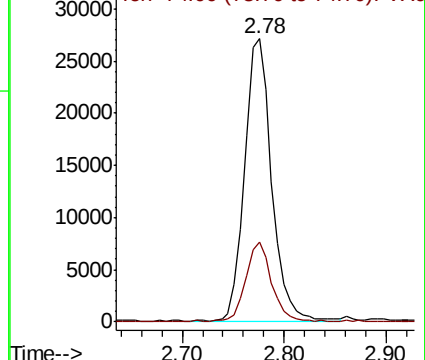
43 100

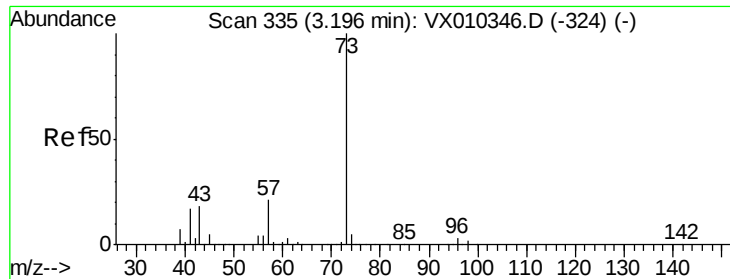
74 27.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



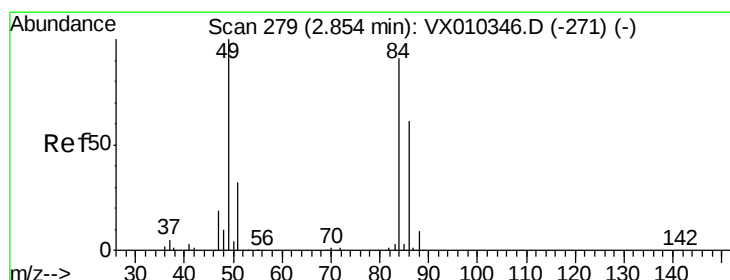
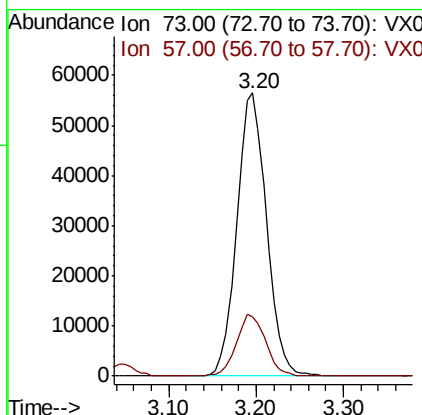
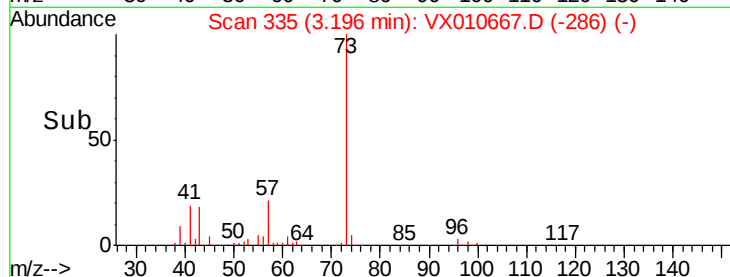
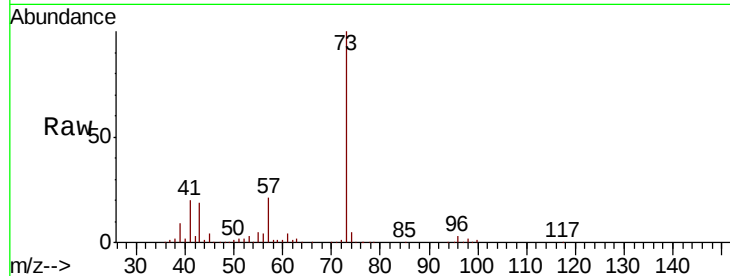


#19

Methyl tert-butyl Ether
 Concen: 22.676 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

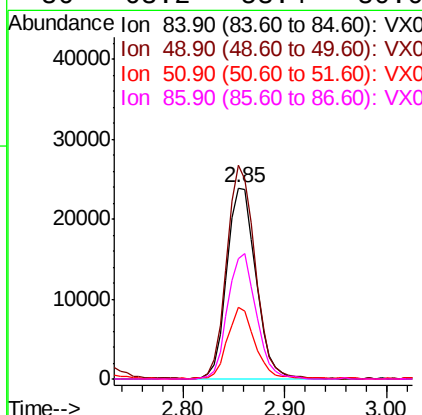
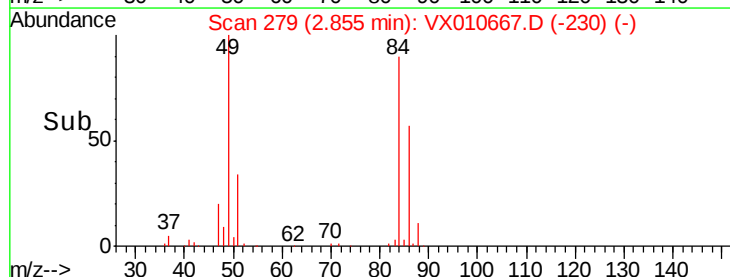
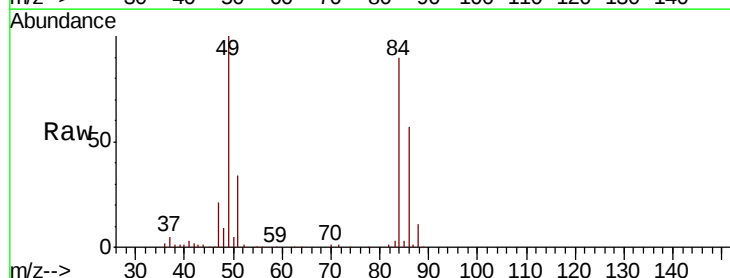
Tot Ion: 73 Resp: 132926
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.4 24.6

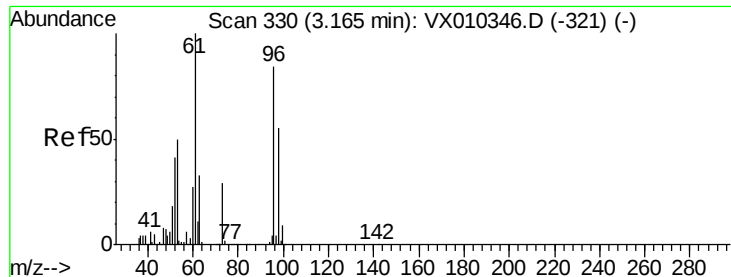


#20

Methylene Chloride
 Concen: 22.811 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 84 Resp: 47419
 Ion Ratio Lower Upper
 84 100
 49 111.7 87.5 131.3
 51 37.3 27.7 41.5
 86 63.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 22.193 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

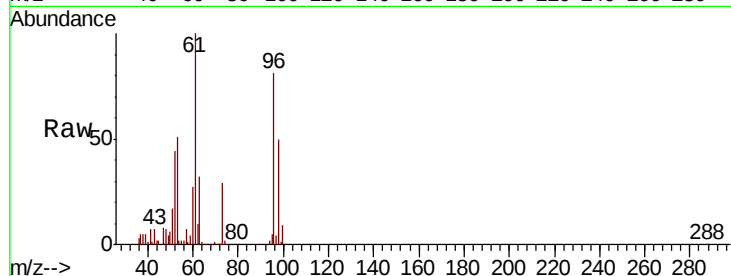
Tot Ion: 96 Resp: 44476

Ion Ratio Lower Upper

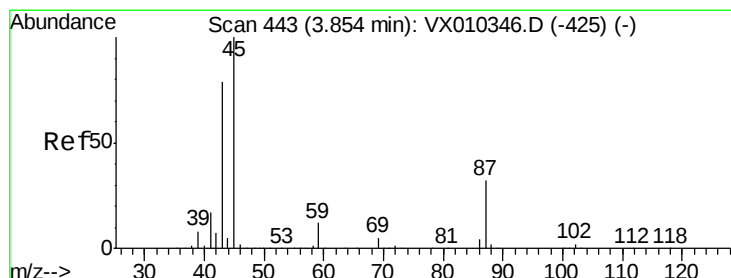
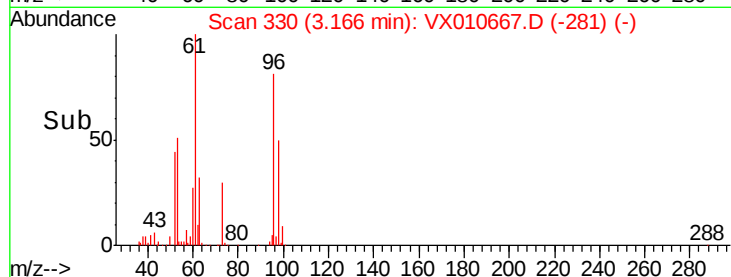
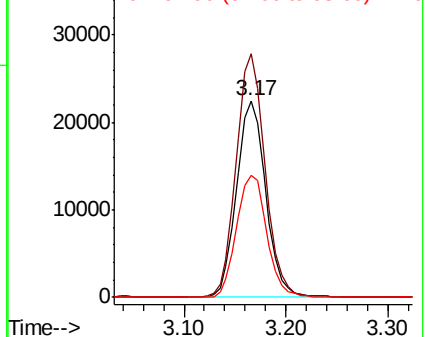
96 100

61 123.9 95.6 143.4

98 61.9 52.5 78.7



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



#22

Diisopropyl ether

Concen: 22.807 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion: 45 Resp: 126146

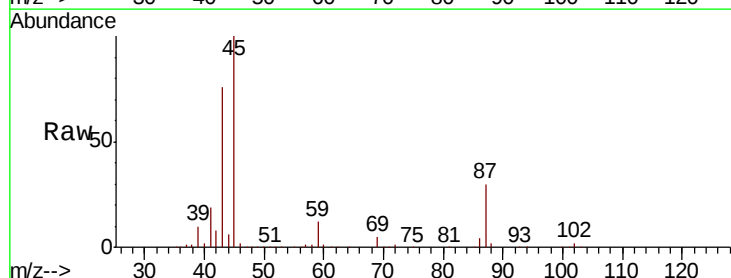
Ion Ratio Lower Upper

45 100

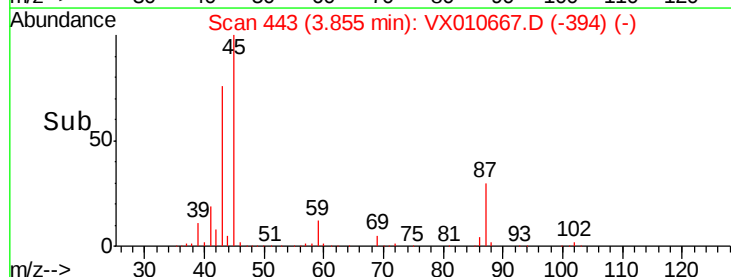
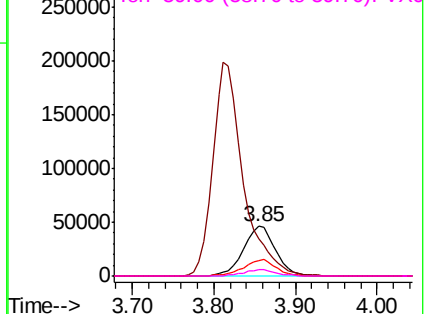
43 75.0 63.3 94.9

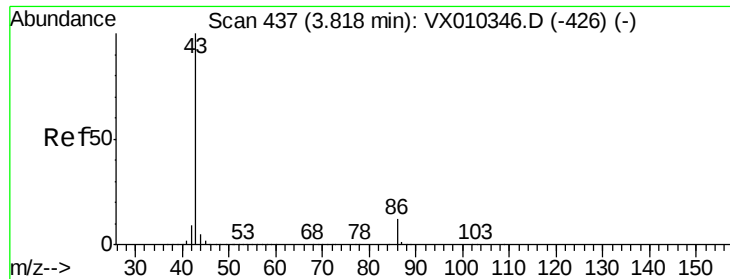
87 29.9 25.8 38.8

59 12.1 9.6 14.4



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





#23

Vinyl Acetate

Concen: 108.079 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleID :

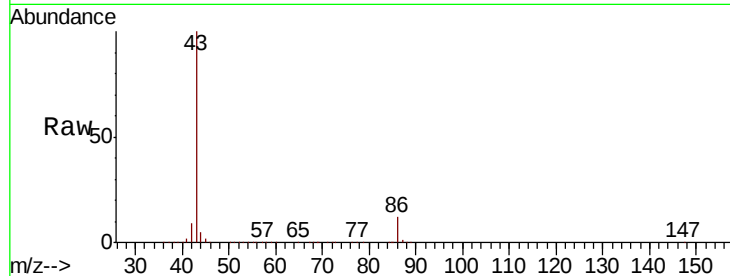
VX0703WBSD02

Tot Ion: 43 Resp: 516412

Ion Ratio Lower Upper

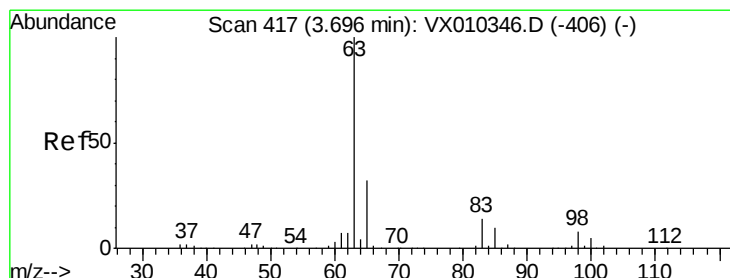
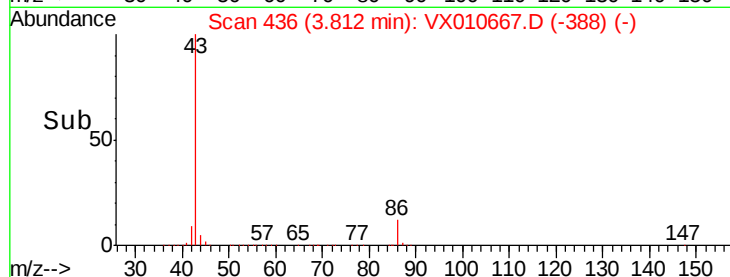
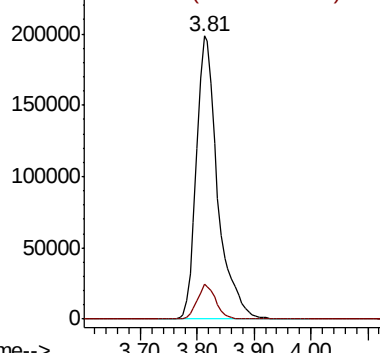
43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.737 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

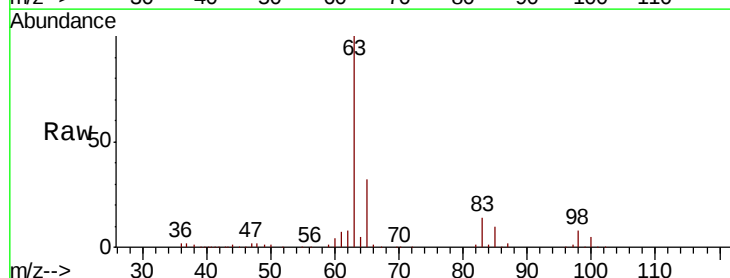
Tgt Ion: 63 Resp: 72693

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

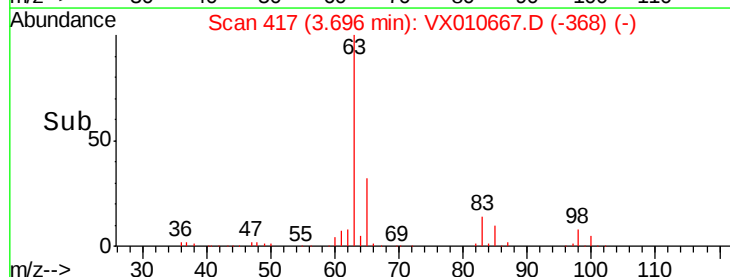
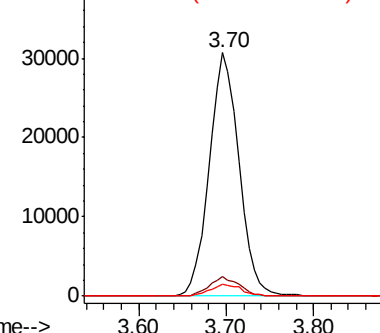
100 5.1 2.4 7.1

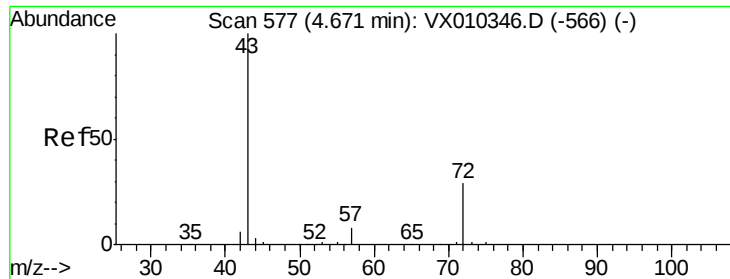


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.662 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

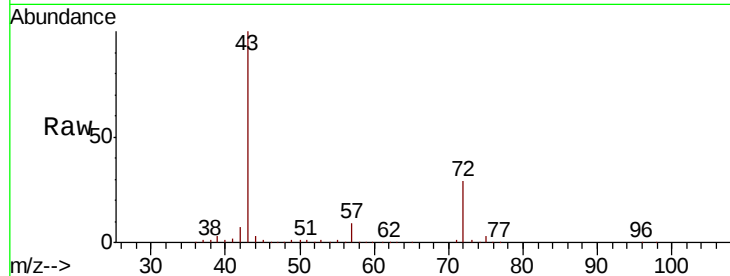
VX0703WBSD02

Tot Ion: 43 Resp: 159528

Ion Ratio Lower Upper

43 100

72 29.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

60000

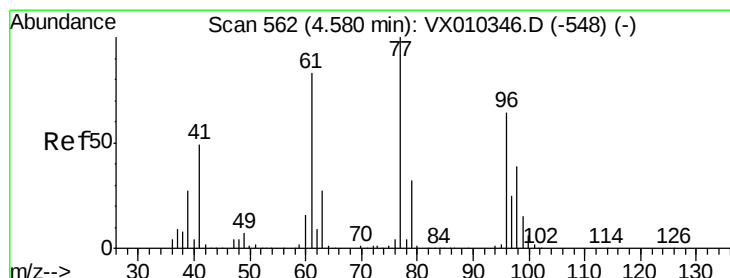
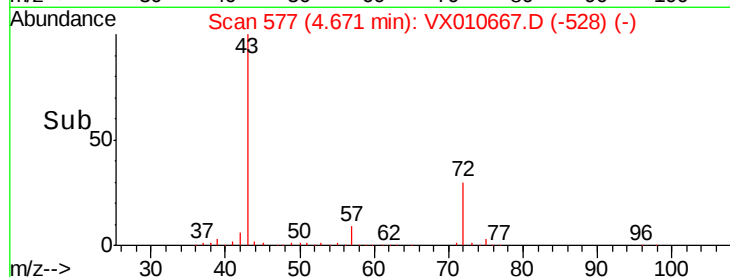
40000

20000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 12.786 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010667.D

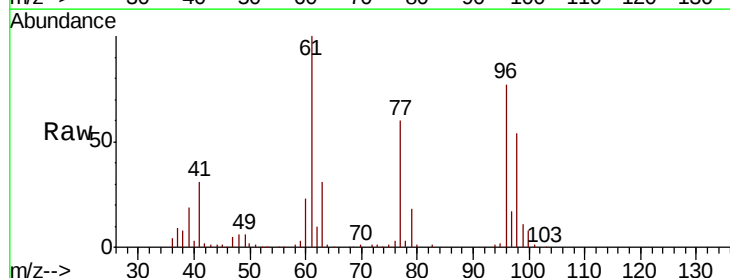
Acq: 04 Jul 2019 05:08

Tgt Ion: 77 Resp: 35510

Ion Ratio Lower Upper

77 100

97 28.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

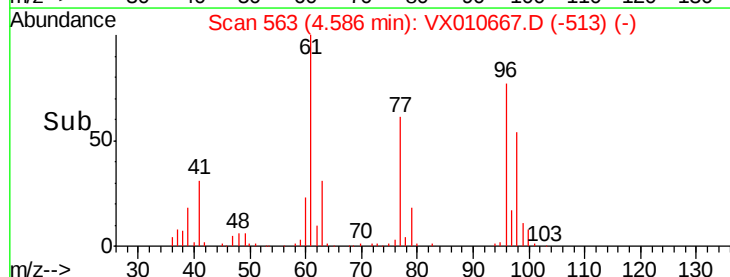
10000

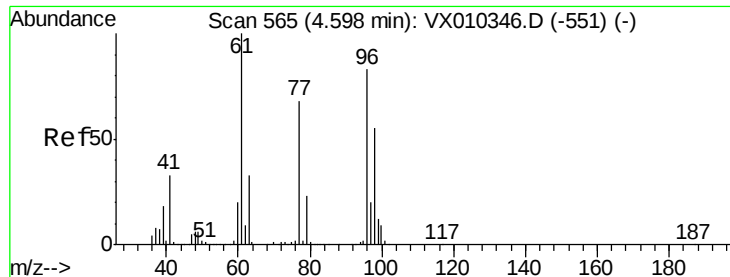
5000

0

Time-->

4.50 4.60 4.70

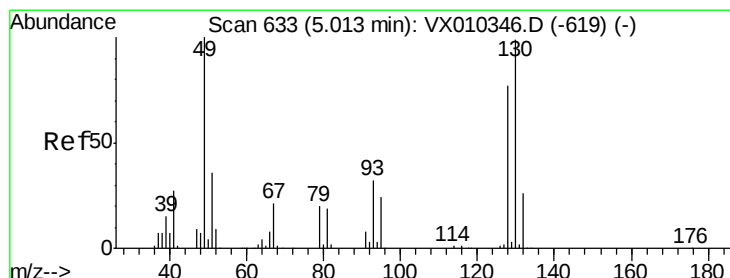
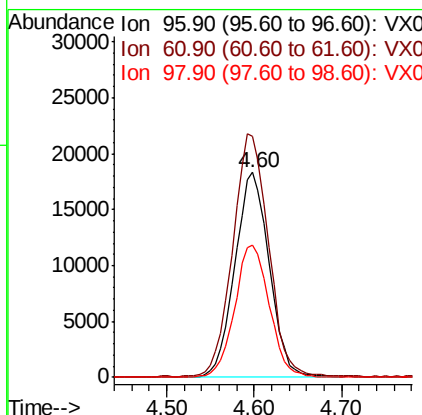
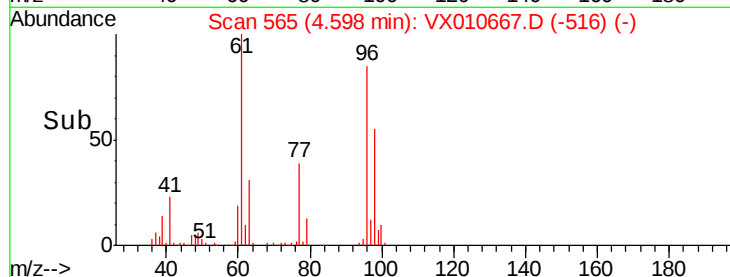
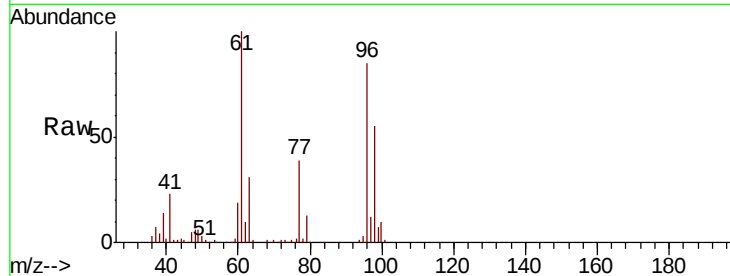




#27
 cis-1,2-Dichloroethene
 Concen: 21.695 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

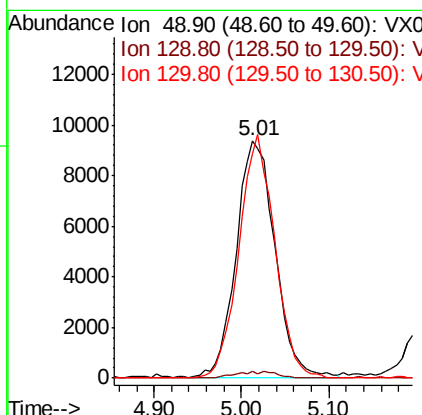
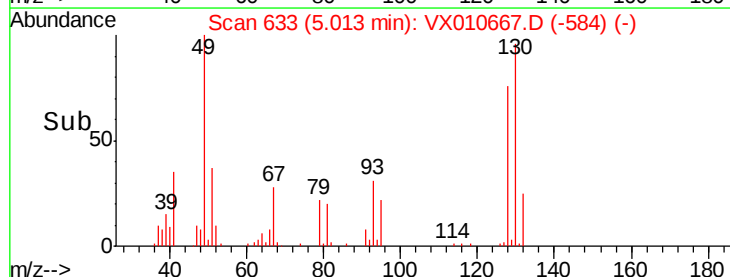
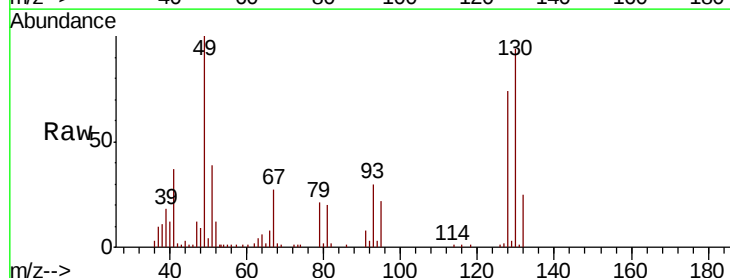
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

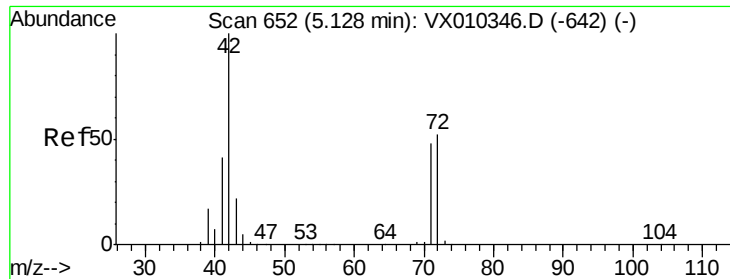
Tot Ion: 96 Resp: 50241
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 251.8
 98 64.7 0.0 129.4



#28
 Bromochloromethane
 Concen: 19.004 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 49 Resp: 29049
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 5.6
 130 94.3 81.4 122.0

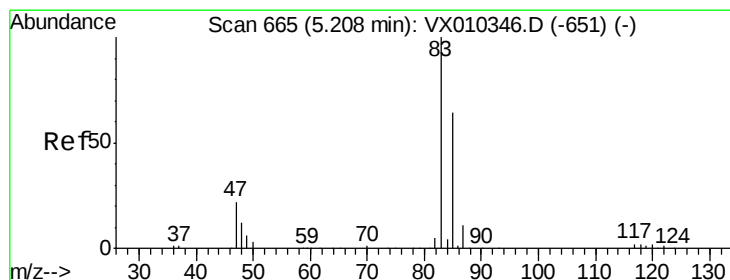
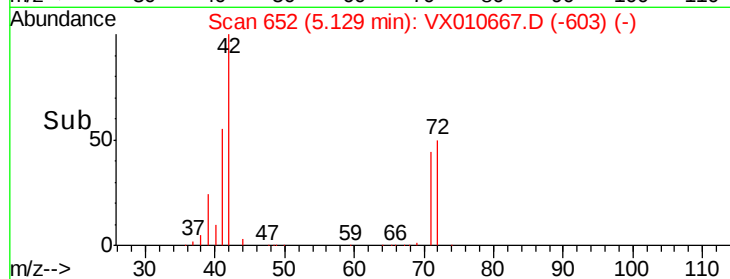
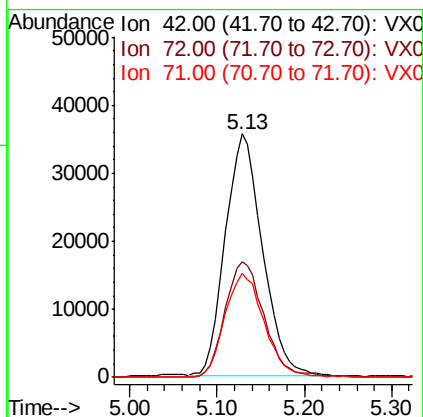
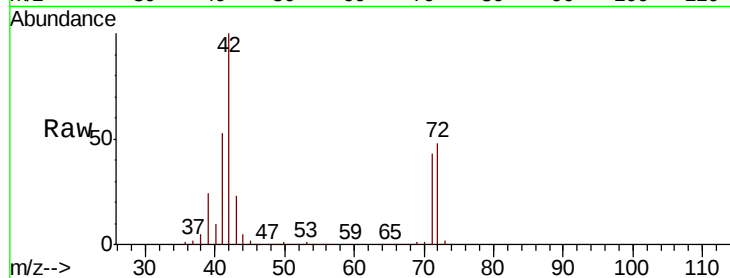




#29
Tetrahydrofuran
Concen: 114.474 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

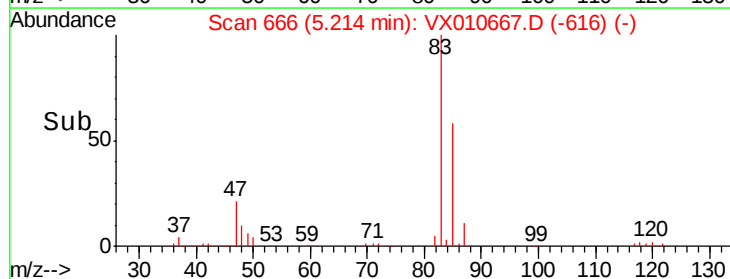
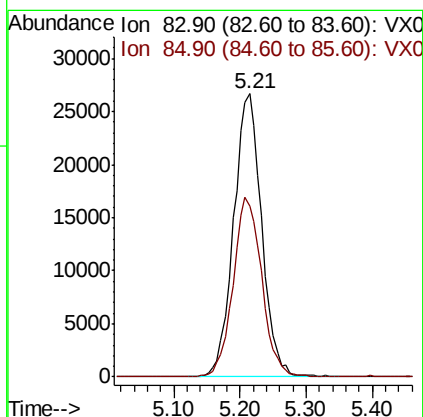
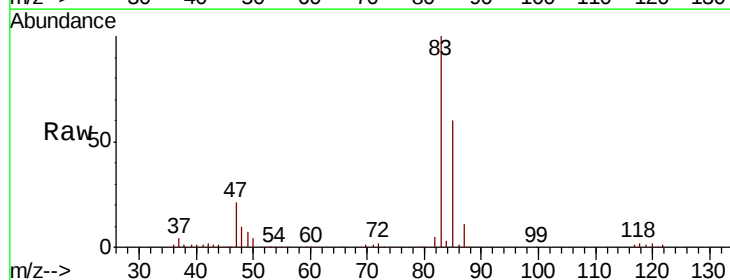
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 42 Resp: 105065
Ion Ratio Lower Upper
42 100
72 50.5 40.6 60.8
71 45.8 37.8 56.8



#30
Chloroform
Concen: 22.706 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 83 Resp: 78107
Ion Ratio Lower Upper
83 100
85 60.3 50.9 76.3





#31

Cyclohexane

Concen: 22.356 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

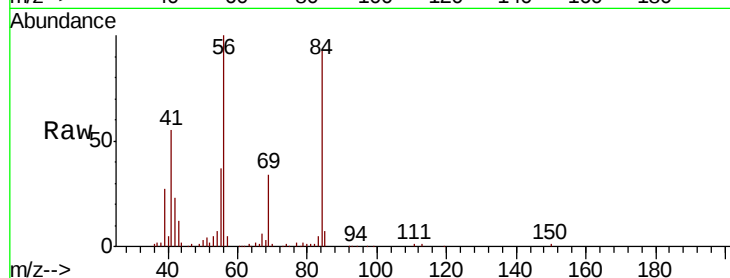
Tot Ion: 56 Resp: 65087

Ion Ratio Lower Upper

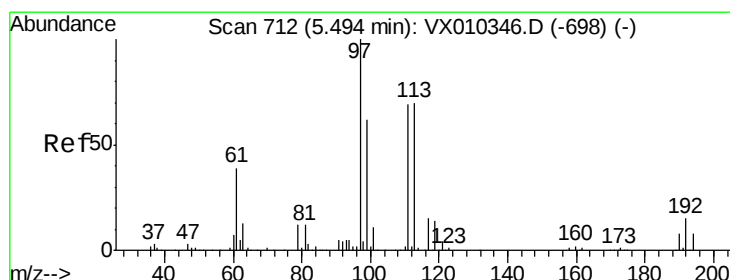
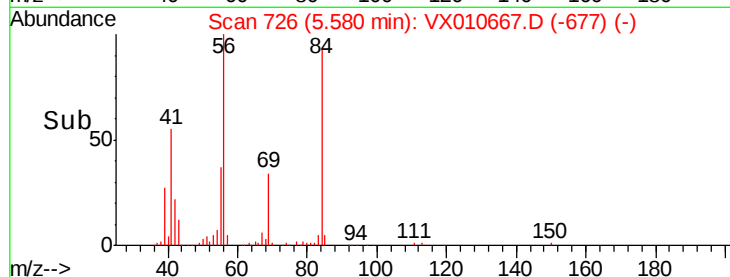
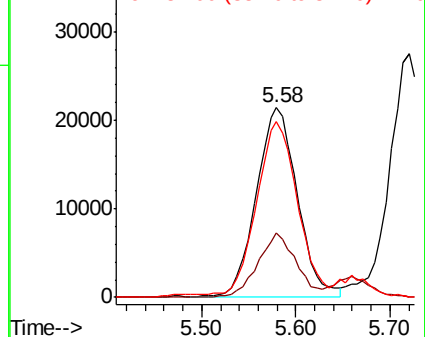
56 100

69 34.0 25.9 38.9

84 91.2 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 21.804 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

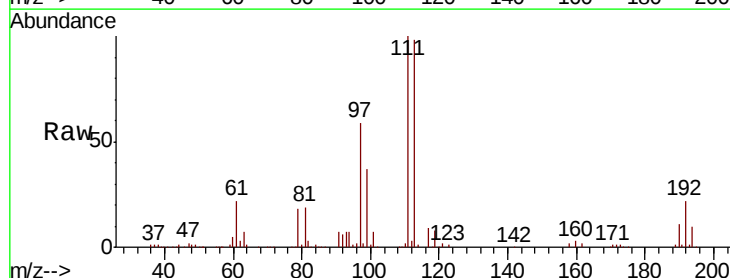
Tgt Ion: 97 Resp: 66226

Ion Ratio Lower Upper

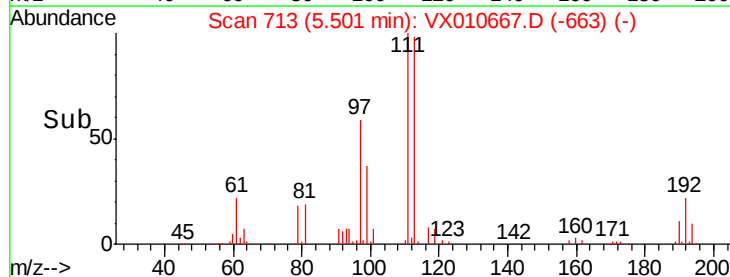
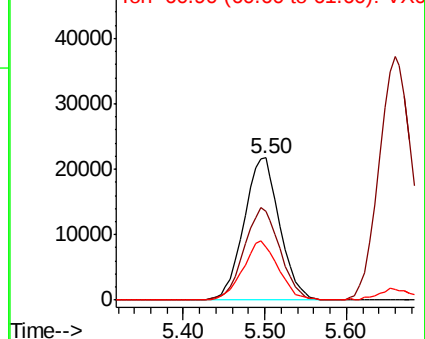
97 100

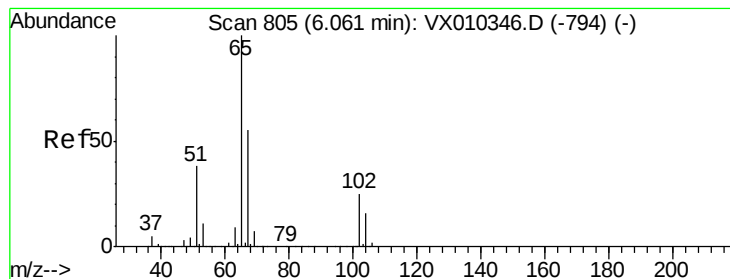
99 65.0 51.8 77.8

61 41.1 32.1 48.1



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





#33

1,2-Dichloroethane-d4

Concen: 53.432 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

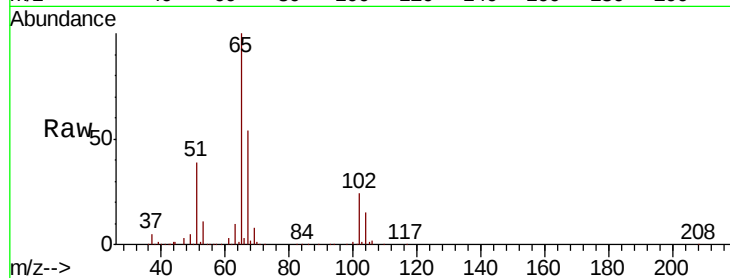
VX0703WBSD02

Tot Ion: 65 Resp: 107696

Ion Ratio Lower Upper

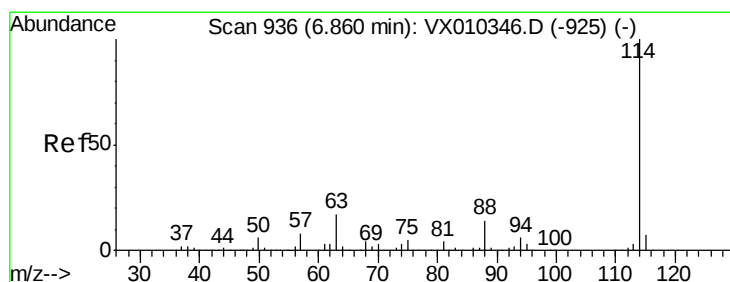
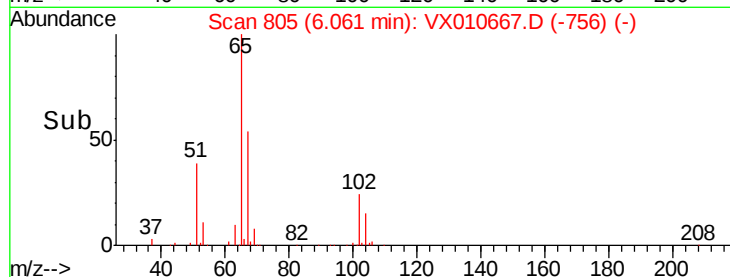
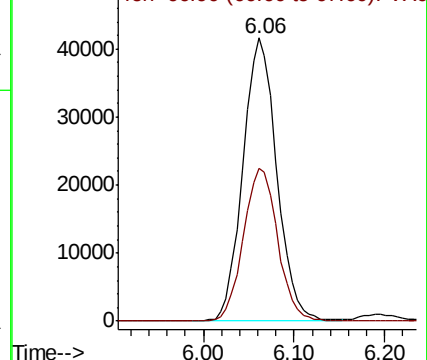
65 100

67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

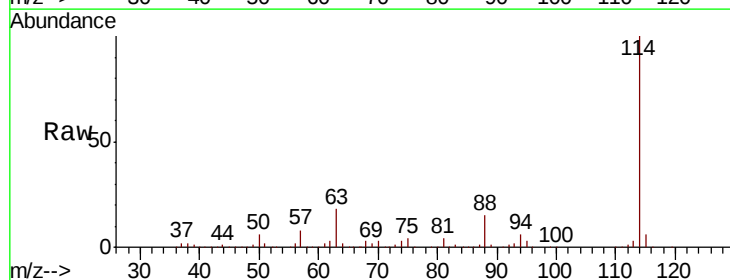
Tgt Ion: 114 Resp: 330217

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

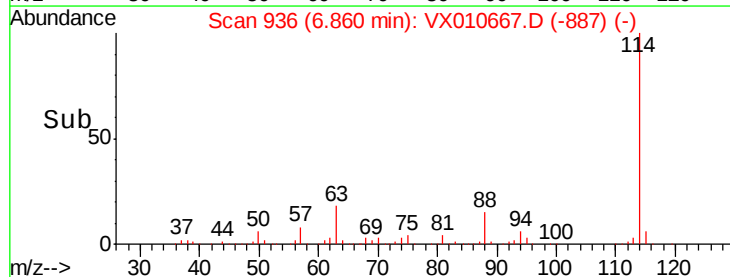
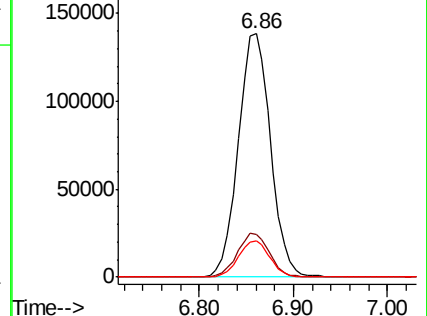
88 15.1 0.0 27.6

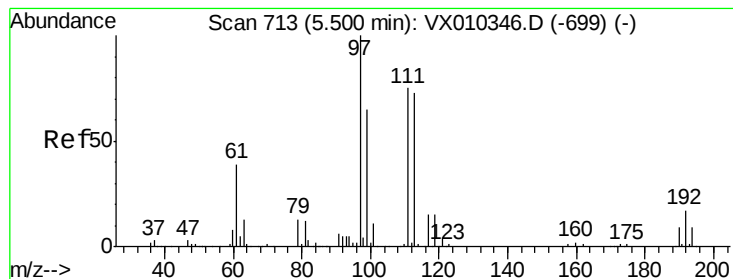


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.854 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

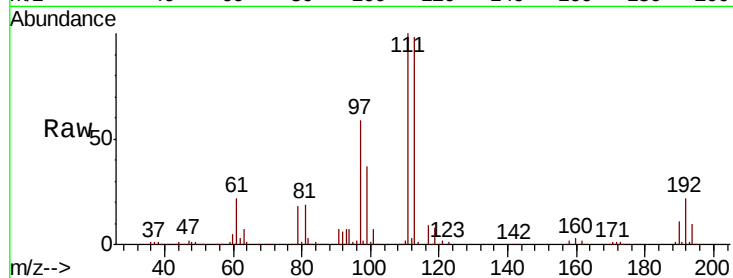
Tot Ion:113 Resp: 102745

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

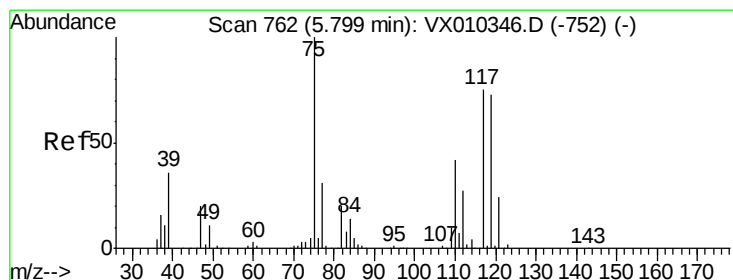
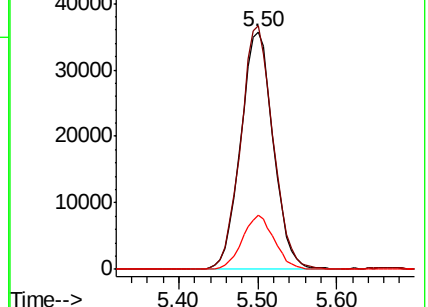
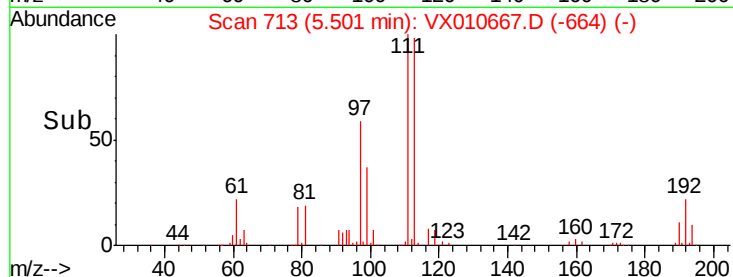
192 22.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.345 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

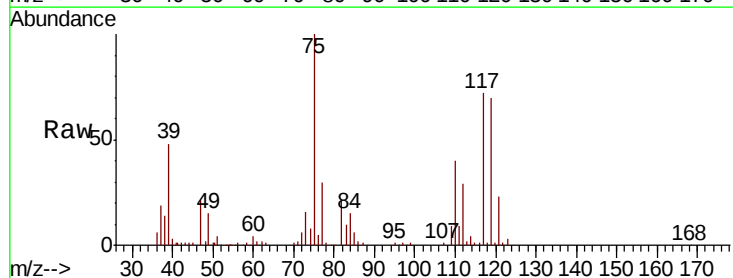
Tgt Ion: 75 Resp: 56011

Ion Ratio Lower Upper

75 100

110 40.4 20.8 62.2

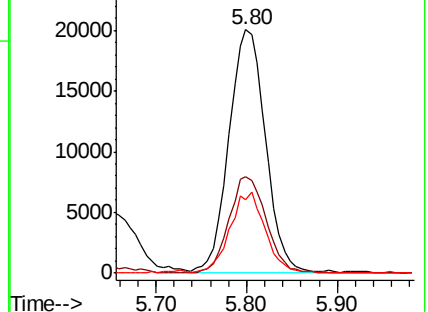
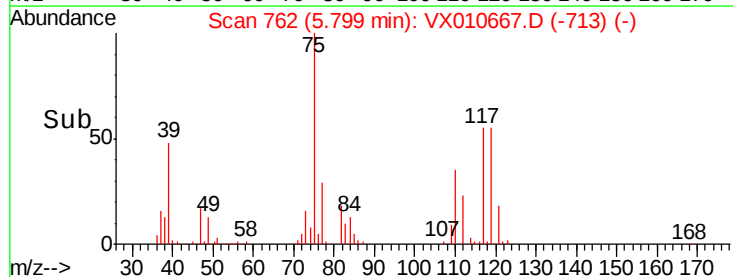
77 32.3 25.4 38.0

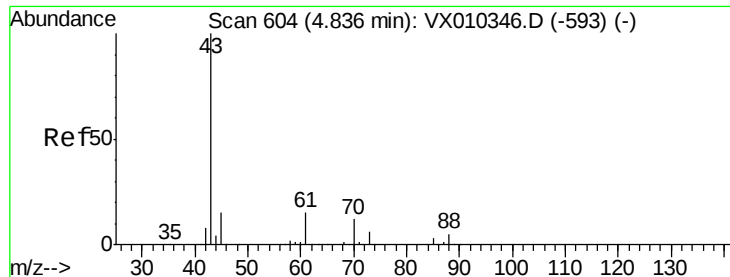


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.021 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

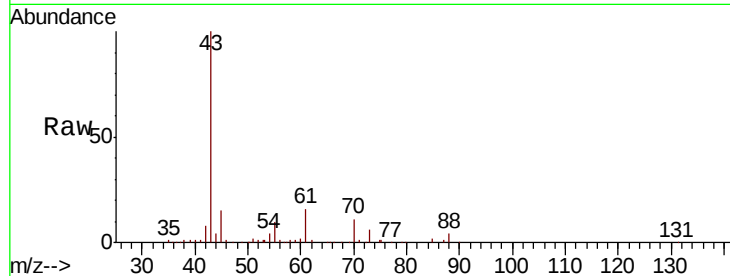
Tot Ion: 43 Resp: 59448

Ion Ratio Lower Upper

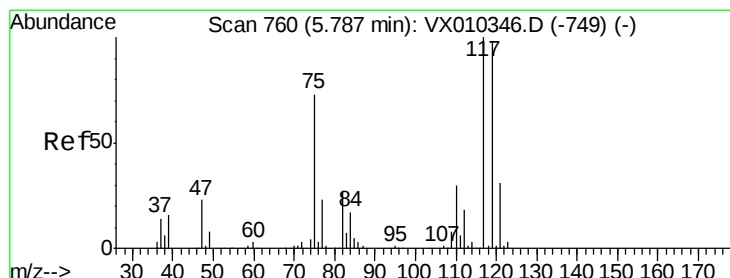
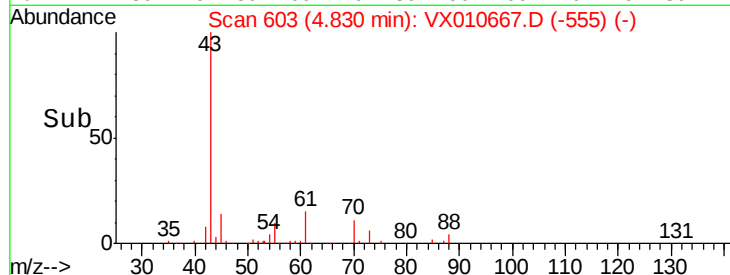
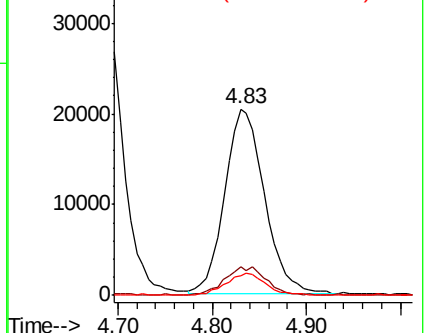
43 100

61 15.7 12.4 18.6

70 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.525 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

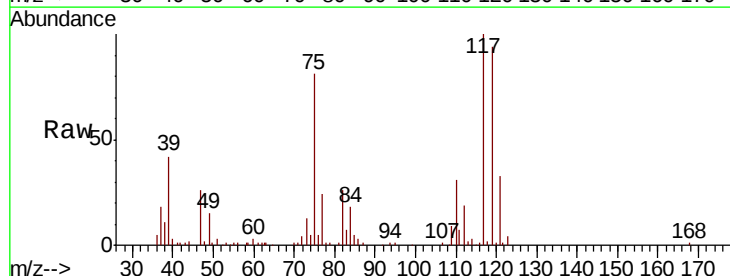
Tgt Ion: 117 Resp: 55481

Ion Ratio Lower Upper

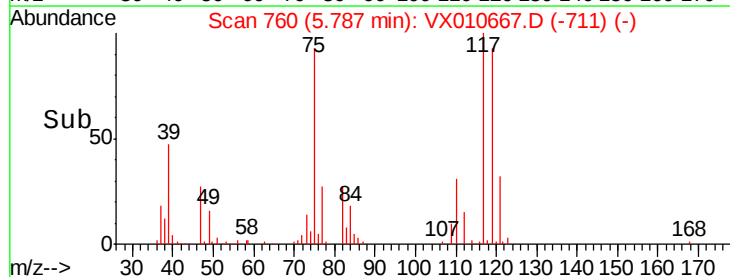
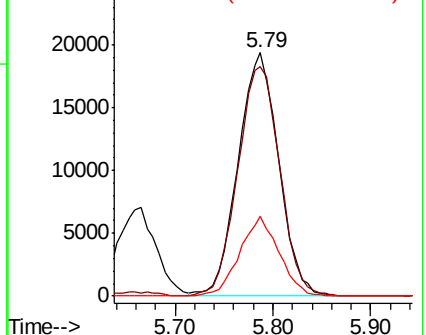
117 100

119 94.7 78.2 117.4

121 32.7 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

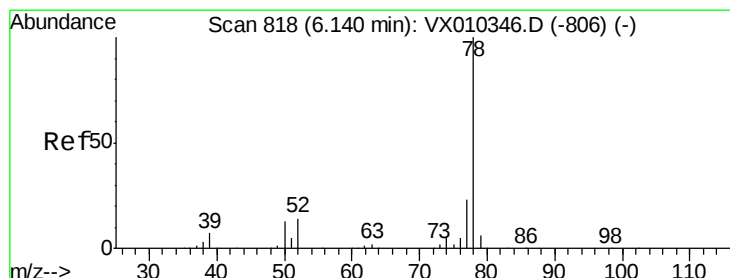
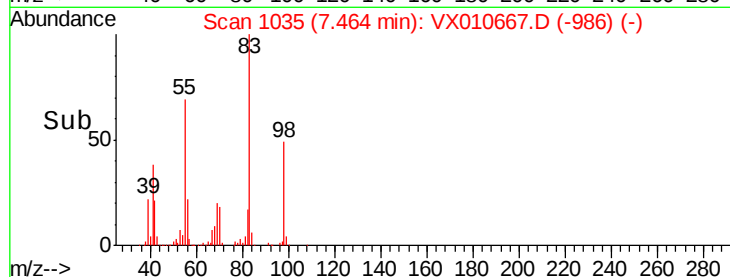
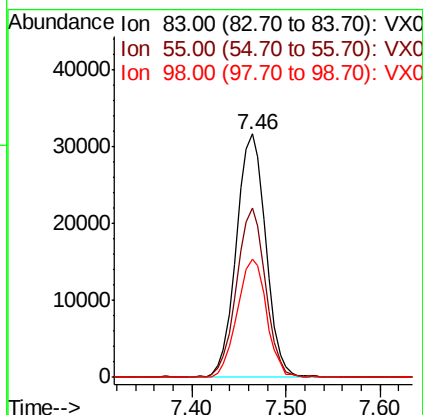
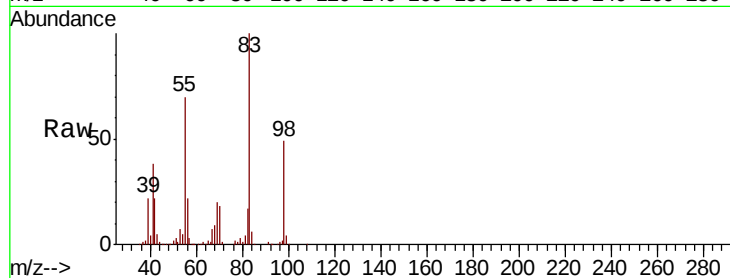




#39
Methvlcvclohexane
Concen: 20.038 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

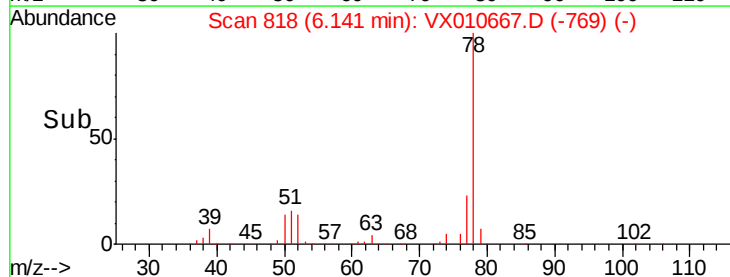
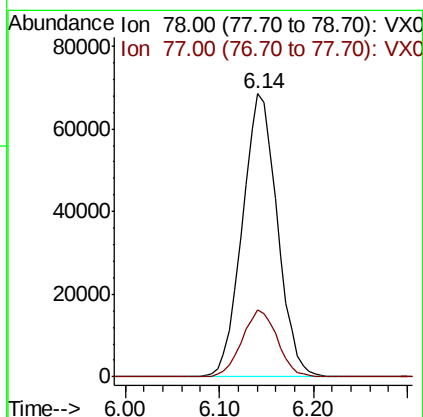
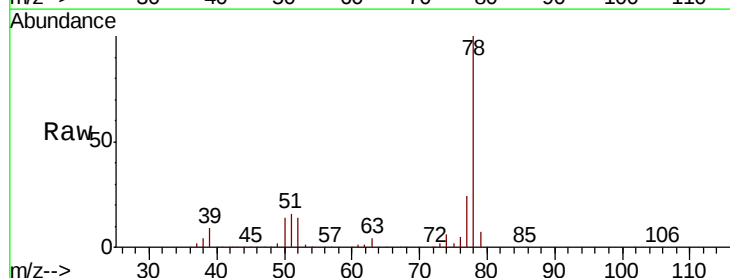
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

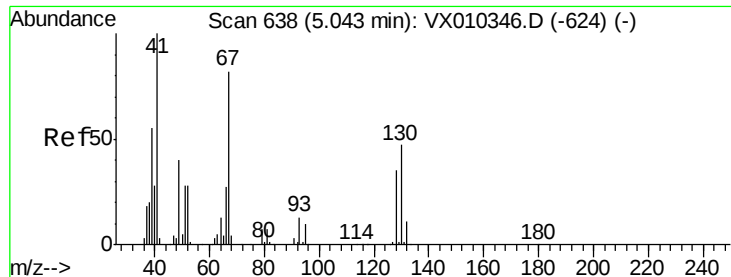
Tot Ion: 83 Resp: 69118
Ion Ratio Lower Upper
83 100
55 69.6 53.0 79.6
98 48.7 37.8 56.8



#40
Benzene
Concen: 21.678 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 78 Resp: 177222
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

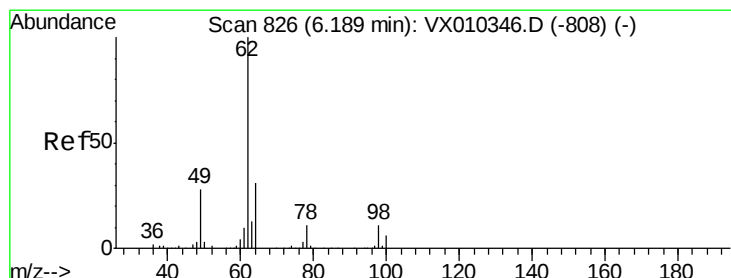
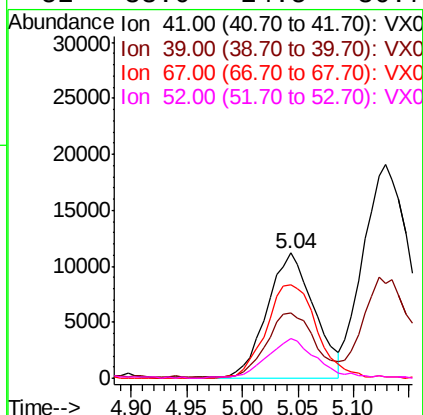
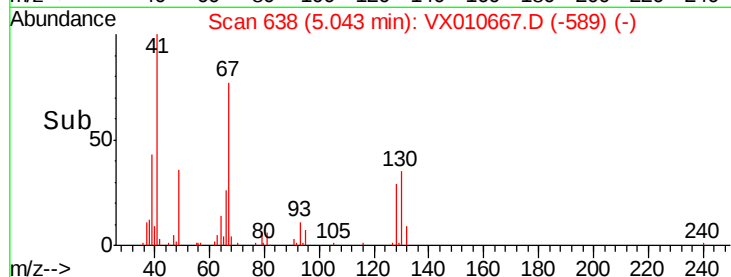
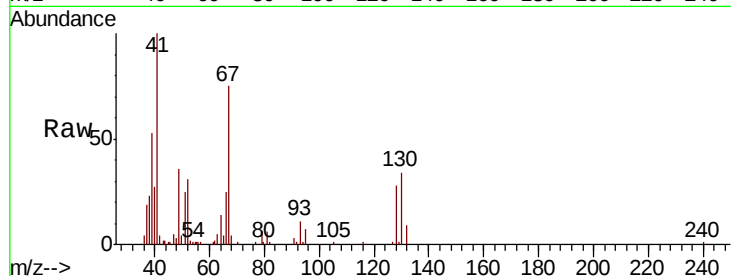




#41
Methacrylonitrile
Concen: 22.458 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

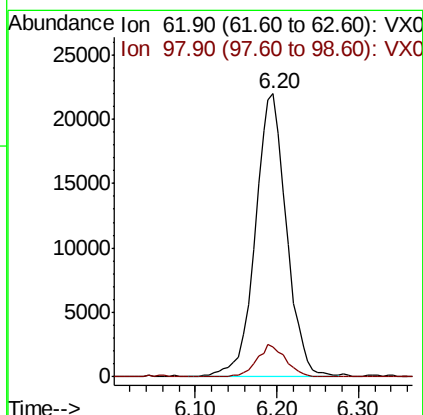
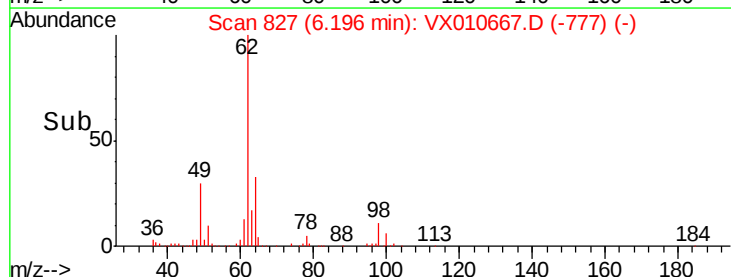
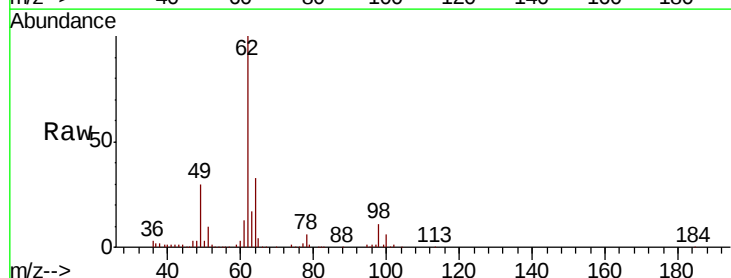
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

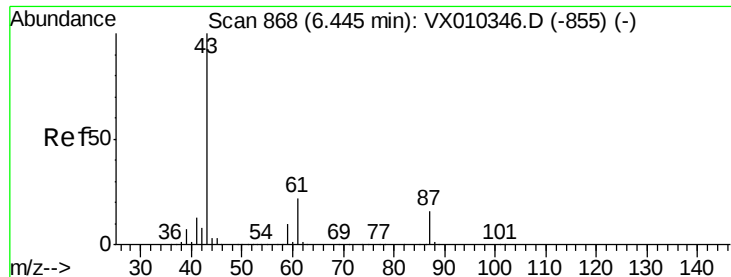
Tot Ion: 41 Resp: 33264
Ion Ratio Lower Upper
41 100
39 52.4 43.8 65.8
67 79.5 66.6 100.0
52 33.0 24.5 36.7



#42
1,2-Dichloroethane
Concen: 23.504 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 62 Resp: 58490
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.2



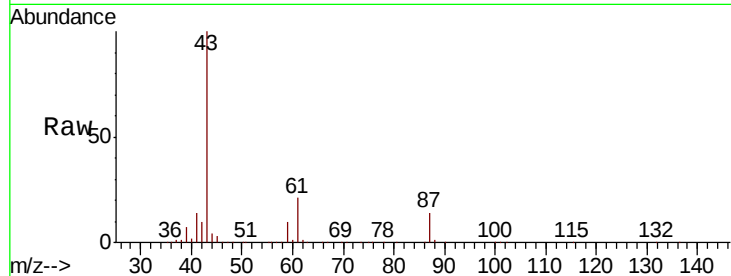


#43

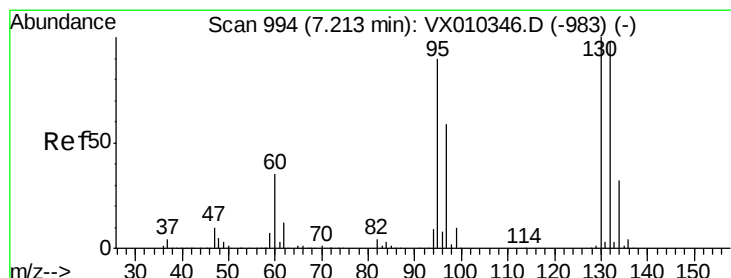
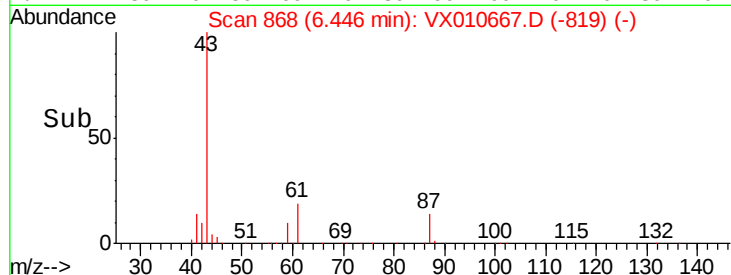
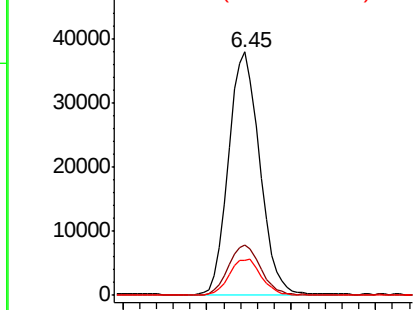
Isopropyl Acetate
 Concen: 21.268 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0703WBSD02

Tot Ion: 43 Resp: 94992
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.8 26.6
 87 15.4 13.0 19.4



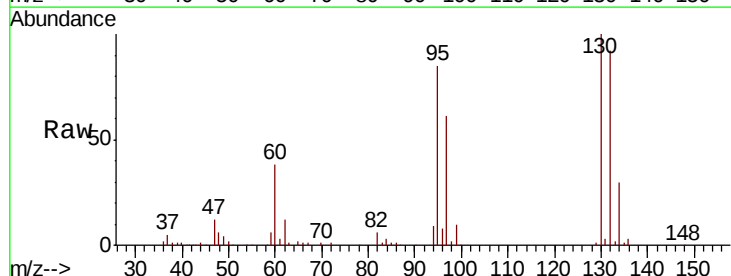
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



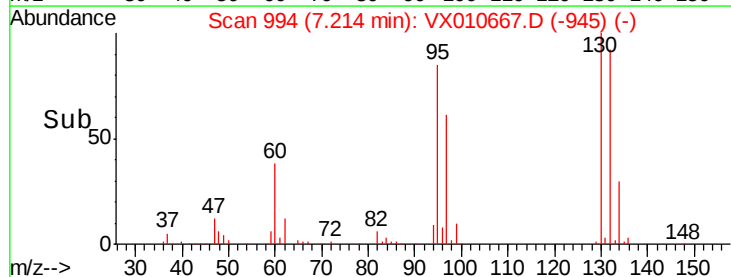
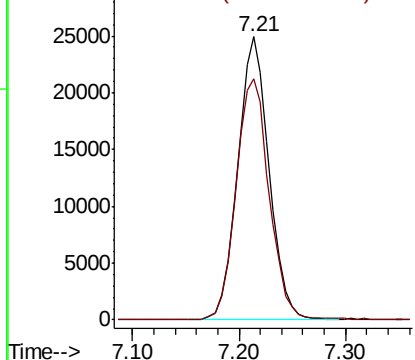
#44

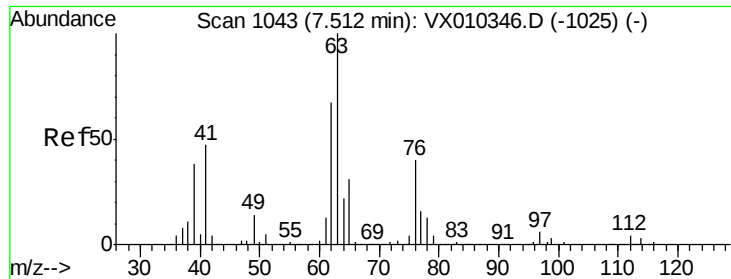
Trichloroethene
 Concen: 21.000 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion:130 Resp: 51371
 Ion Ratio Lower Upper
 130 100
 95 85.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.587 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

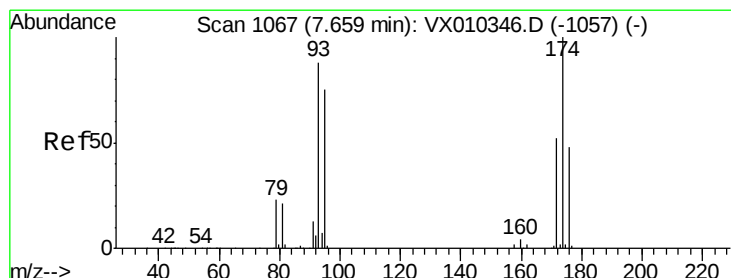
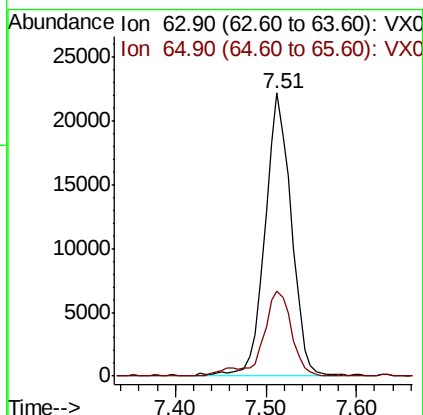
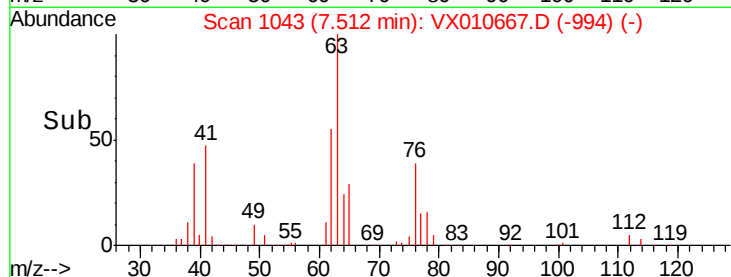
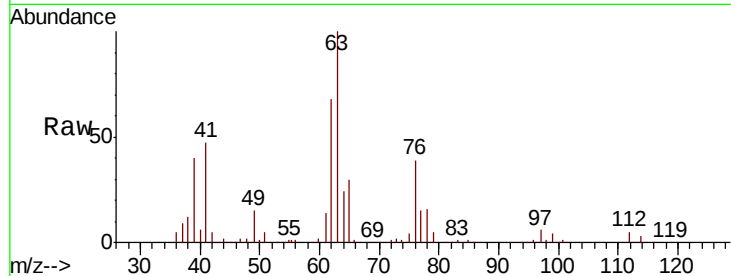
VX0703WBSD02

Tot Ion: 63 Resp: 44566

Ion Ratio Lower Upper

63 100

65 29.9 24.8 37.2



#46

Dibromomethane

Concen: 21.849 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

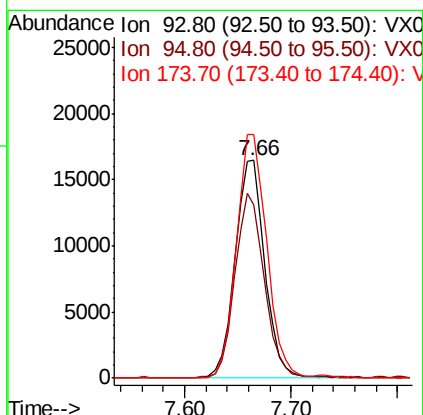
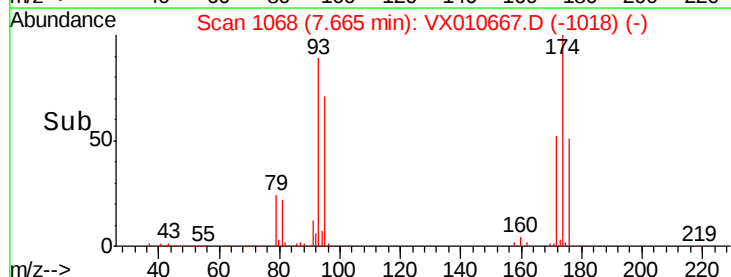
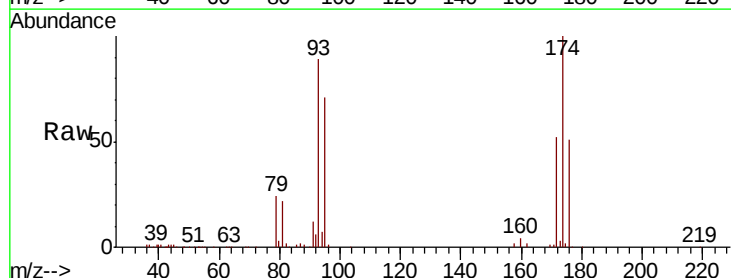
Tgt Ion: 93 Resp: 32363

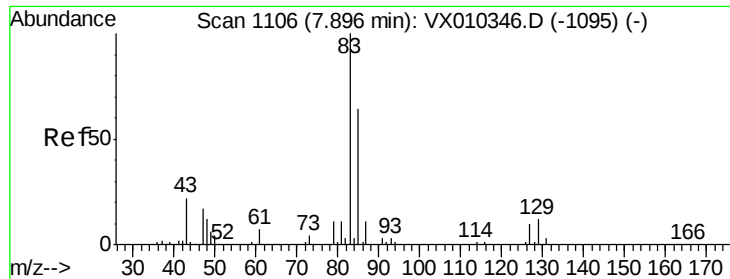
Ion Ratio Lower Upper

93 100

95 84.1 67.5 101.3

174 113.7 95.8 143.6





#47

Bromodichloromethane

Concen: 20.026 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

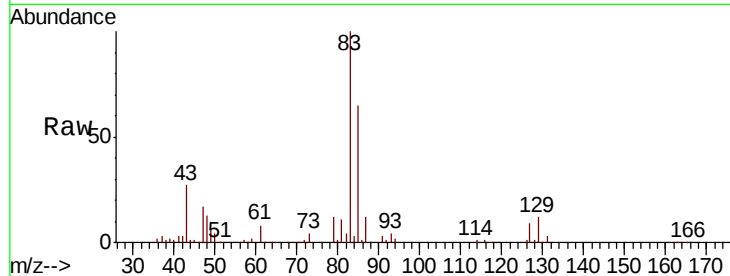
Tot Ion: 83 Resp: 54361

Ion Ratio Lower Upper

83 100

85 65.2 51.5 77.3

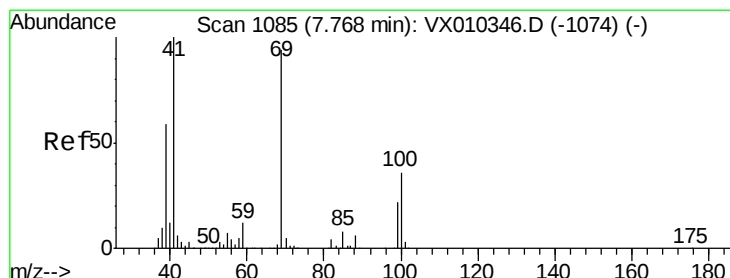
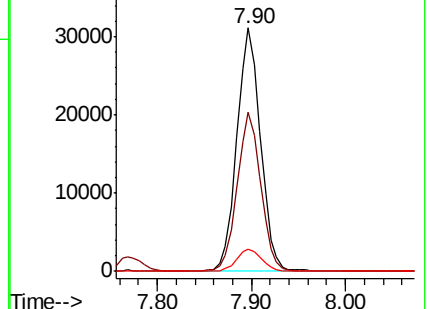
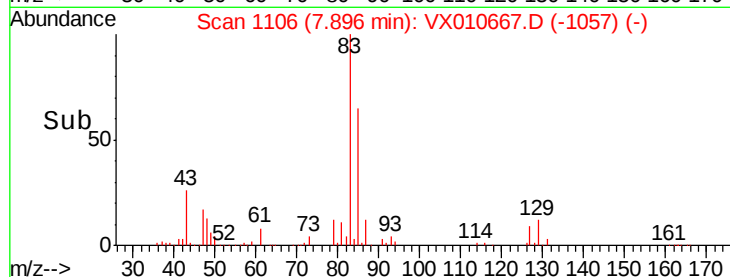
127 9.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.005 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

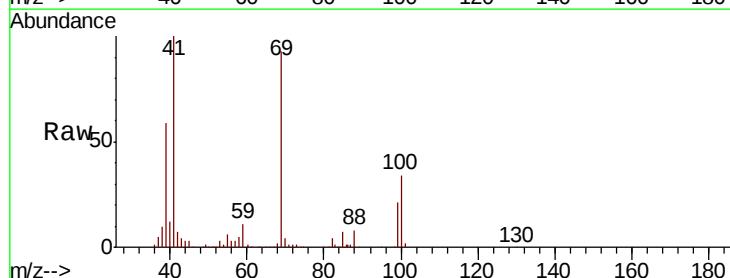
Tgt Ion: 41 Resp: 45684

Ion Ratio Lower Upper

41 100

69 93.1 76.1 114.1

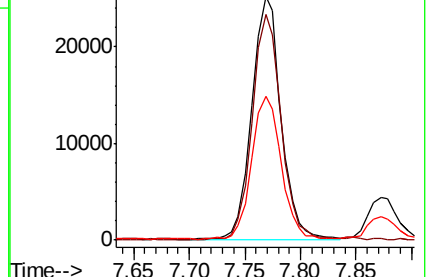
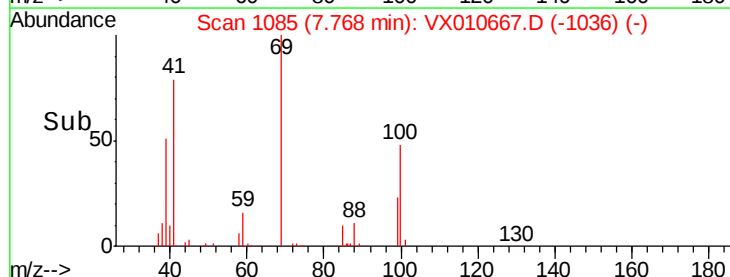
39 59.9 47.6 71.4

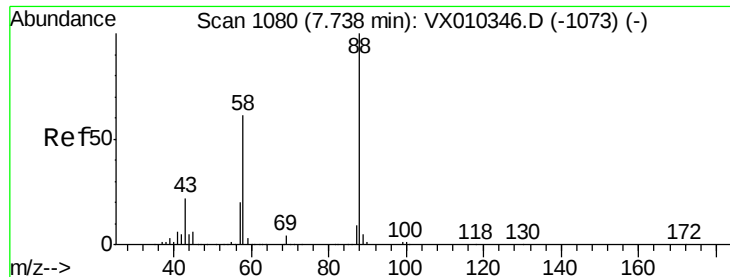


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

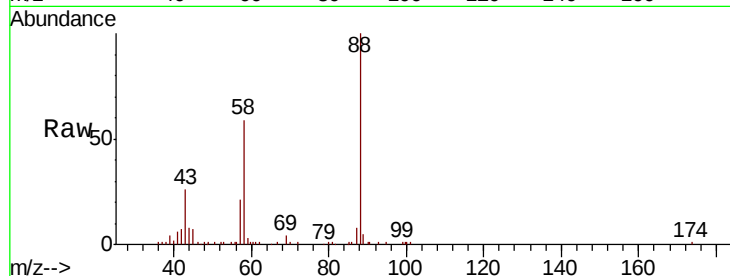




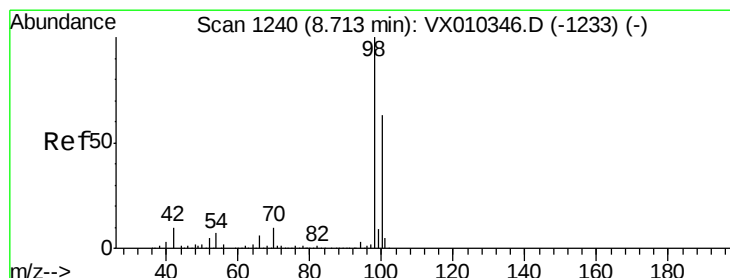
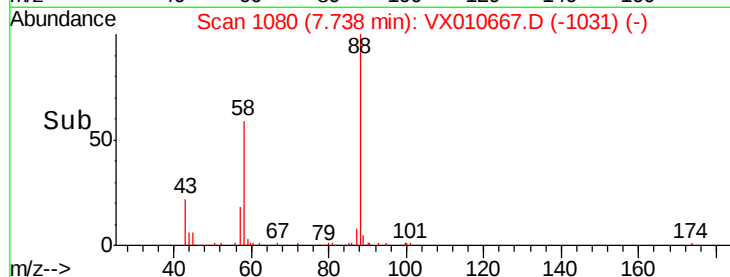
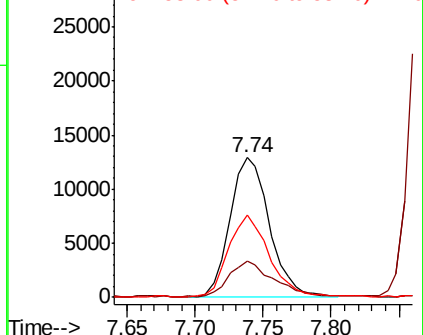
#49
 1,4-Dioxane
 Concen: 437.271 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion: 88 Resp: 26151
 Ion Ratio Lower Upper
 88 100
 43 29.9 20.2 30.2
 58 61.4 49.5 74.3

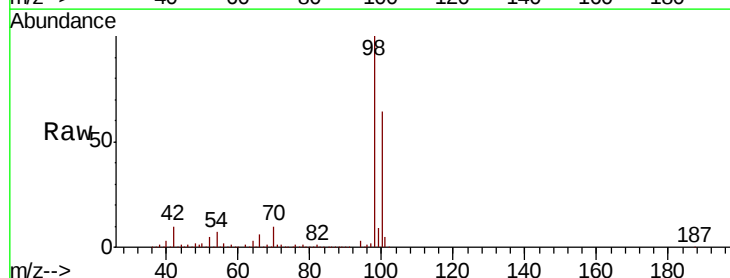


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

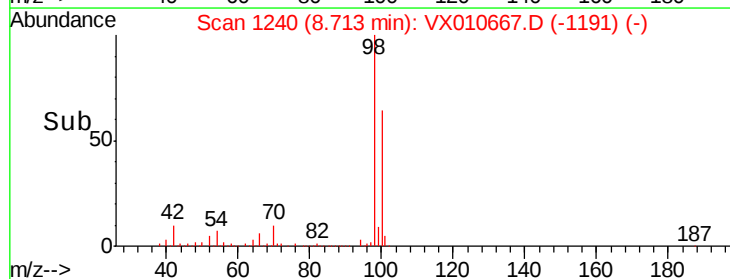
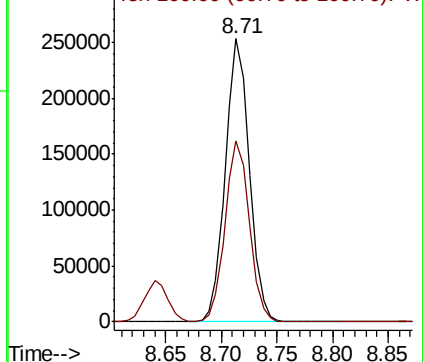


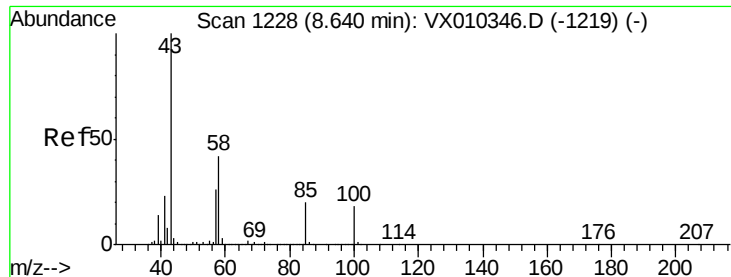
#50
 Toluene-d8
 Concen: 48.984 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 98 Resp: 378631
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4



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

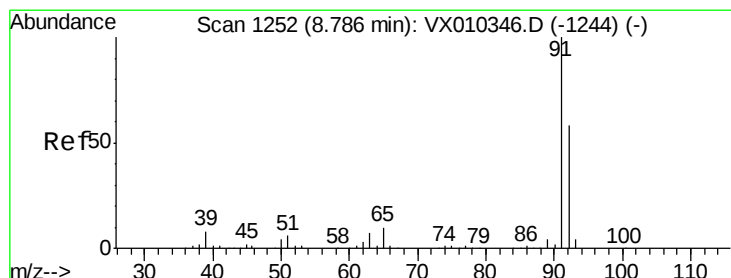
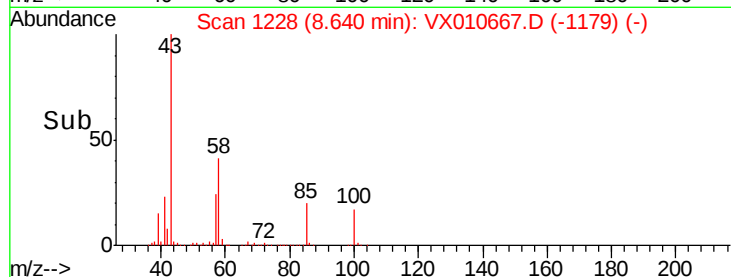
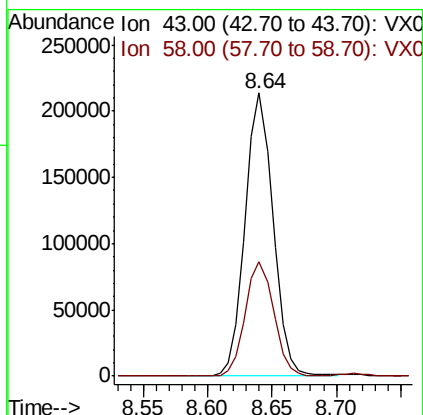
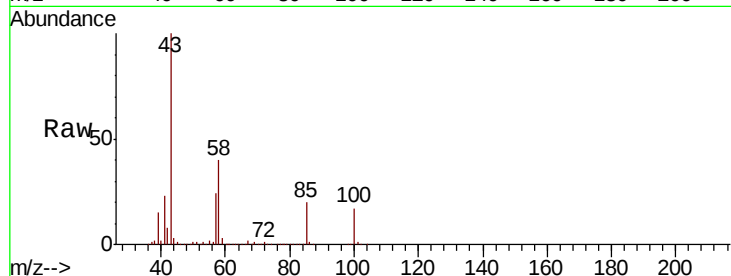




#51
4-Methyl-2-Pentanone
Concen: 112.142 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

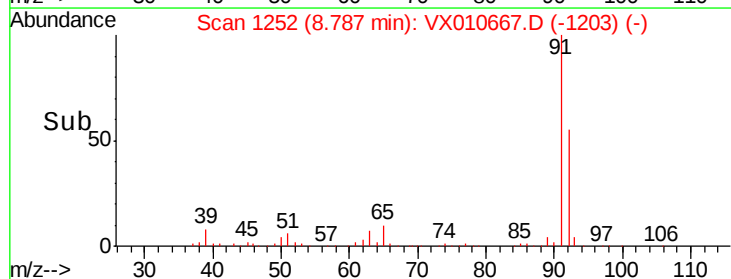
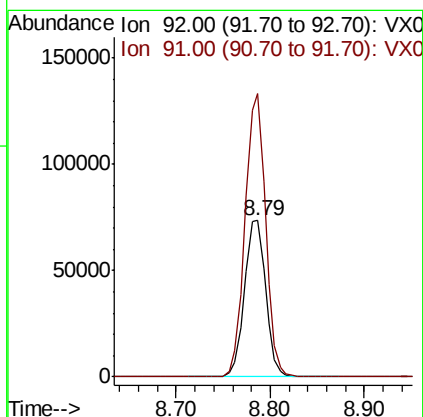
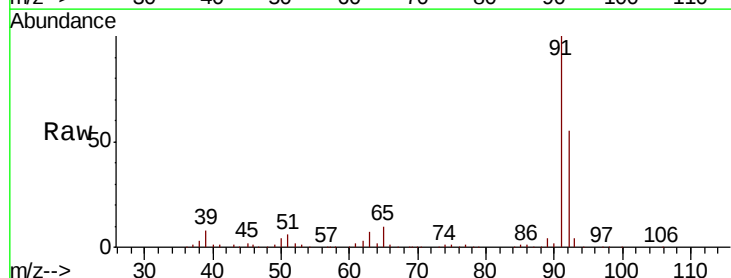
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

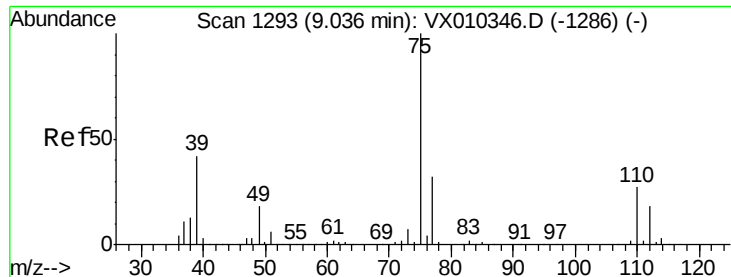
Tot Ion: 43 Resp: 320334
Ion Ratio Lower Upper
43 100
58 41.2 33.5 50.3



#52
Toluene
Concen: 21.537 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 92 Resp: 115947
Ion Ratio Lower Upper
92 100
91 175.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.607 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

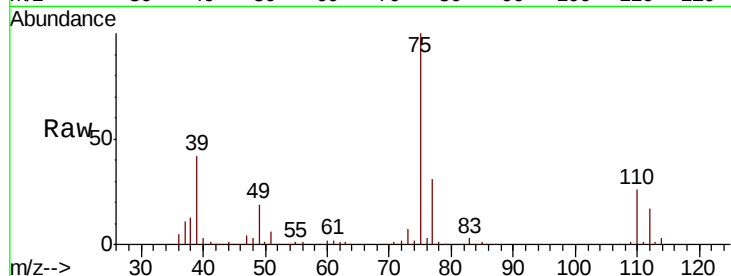
VX0703WBSD02

Tot Ion: 75 Resp: 53583

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

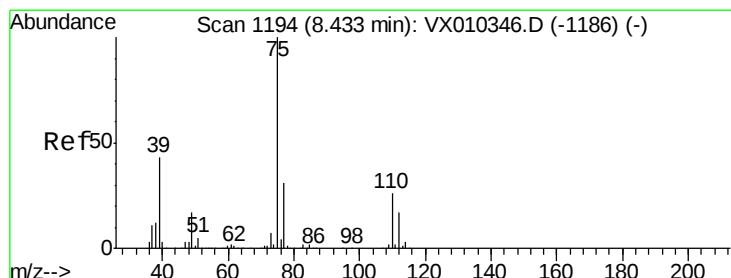
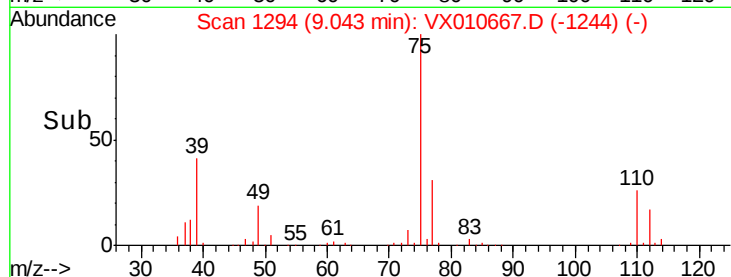
20000

10000

0

9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.762 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

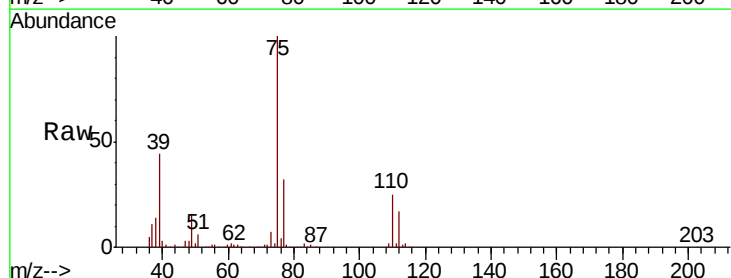
Tgt Ion: 75 Resp: 62050

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 44.2 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

50000

40000

30000

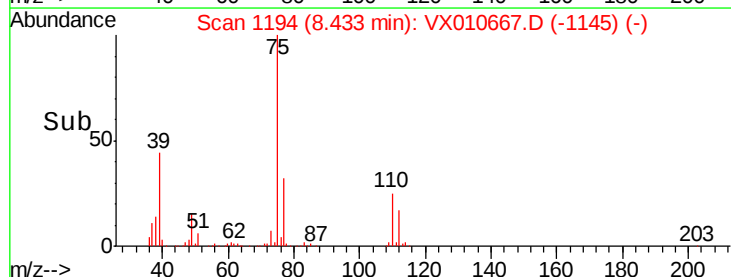
20000

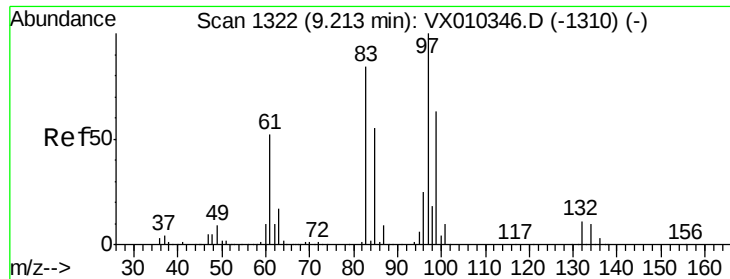
10000

0

8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.988 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion: 97 Resp: 48821

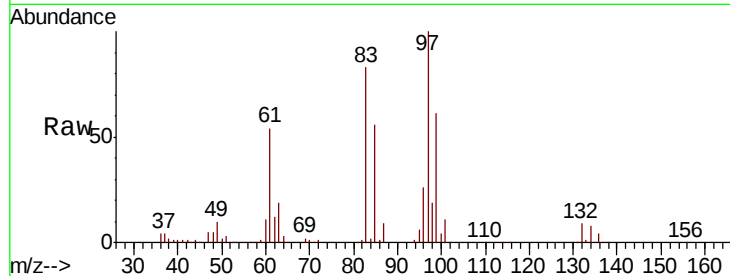
Ion Ratio Lower Upper

97 100

83 82.6 67.4 101.0

85 55.5 43.8 65.8

99 60.7 50.3 75.5

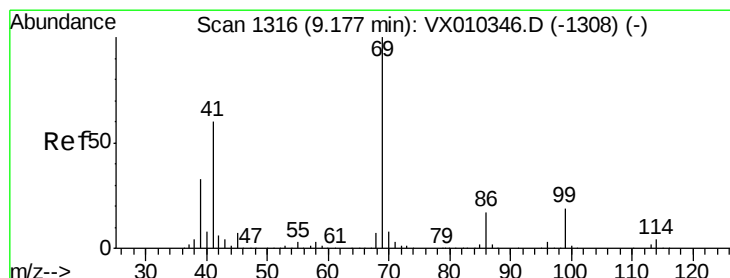
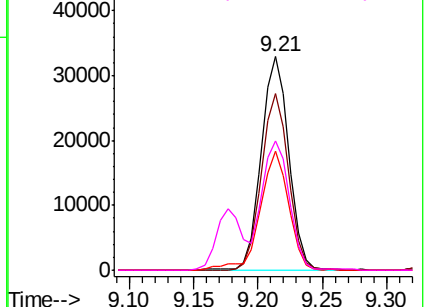
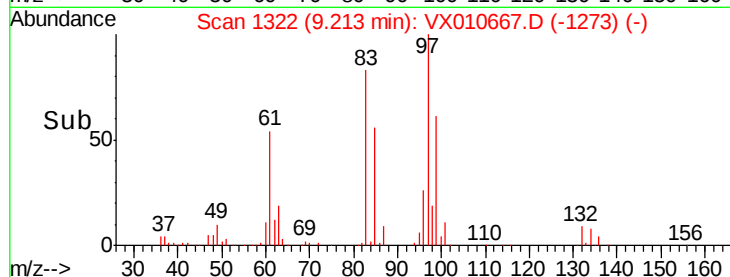


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.043 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

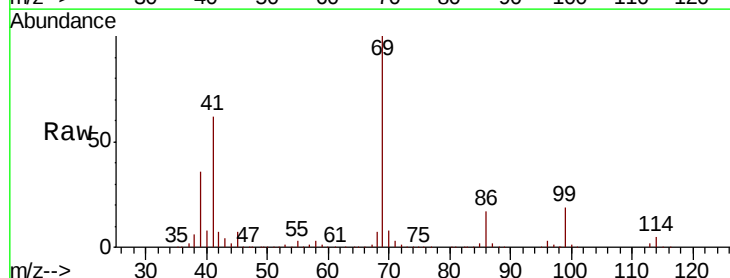
Tgt Ion: 69 Resp: 70778

Ion Ratio Lower Upper

69 100

41 59.9 47.1 70.7

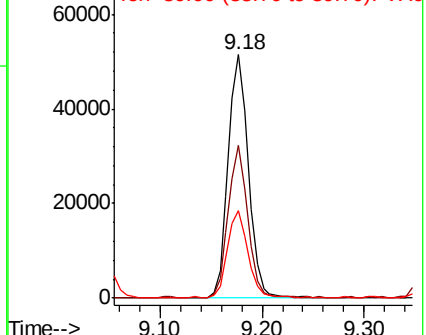
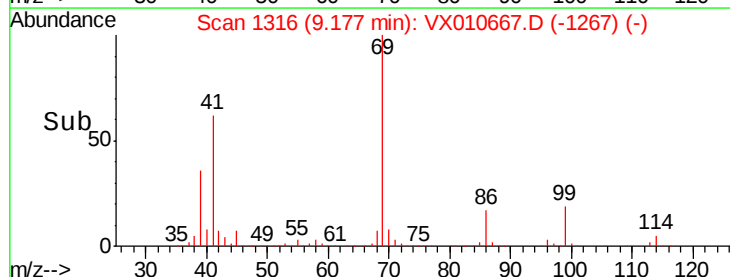
39 35.7 26.6 40.0

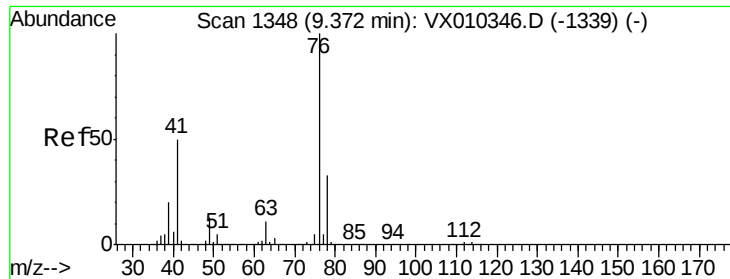


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.670 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

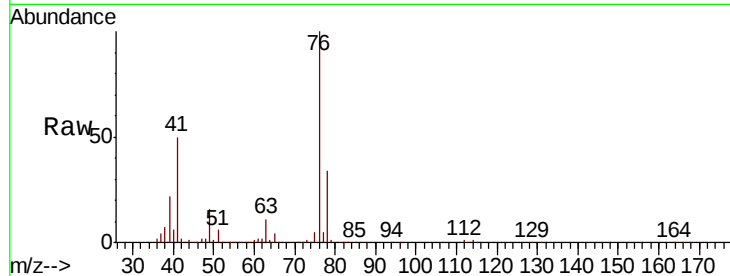
VX0703WBSD02

Tot Ion: 76 Resp: 74688

Ion Ratio Lower Upper

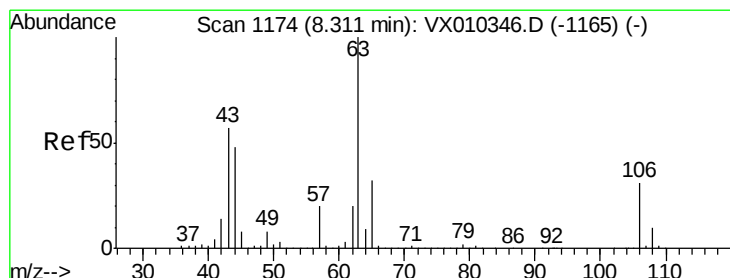
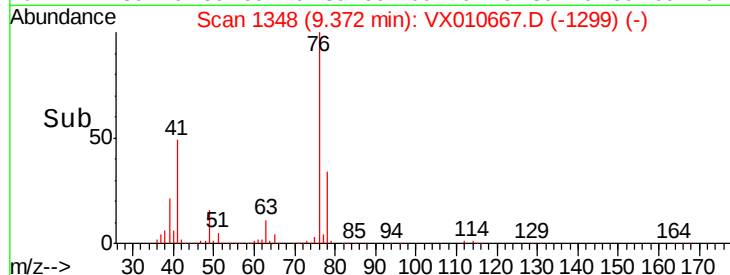
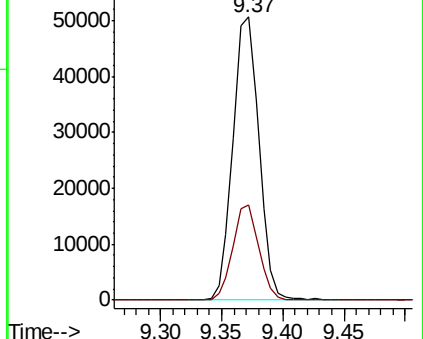
76 100

78 33.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.826 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010667.D

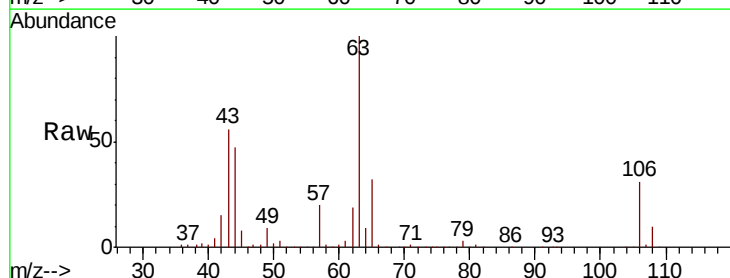
Acq: 04 Jul 2019 05:08

Tgt Ion: 63 Resp: 153076

Ion Ratio Lower Upper

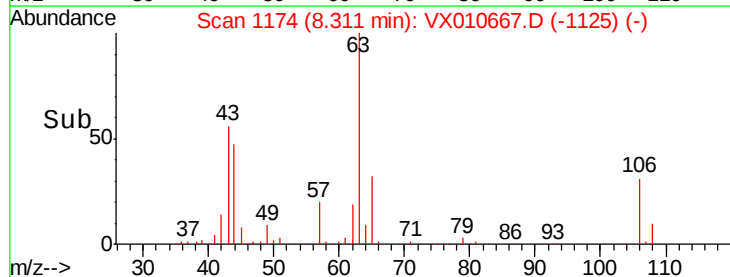
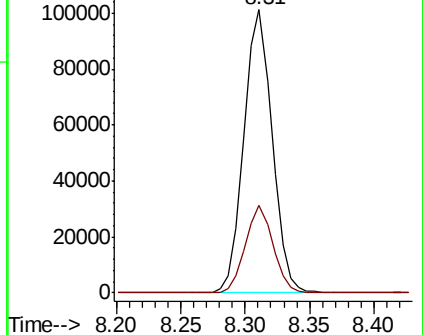
63 100

106 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

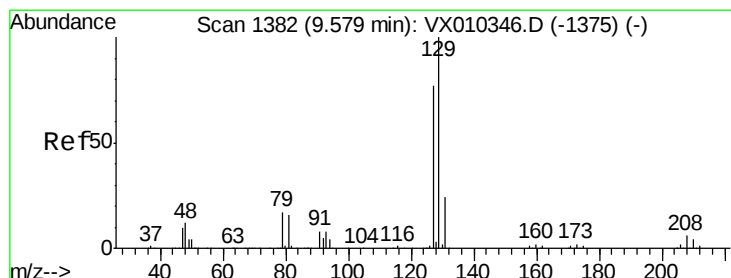
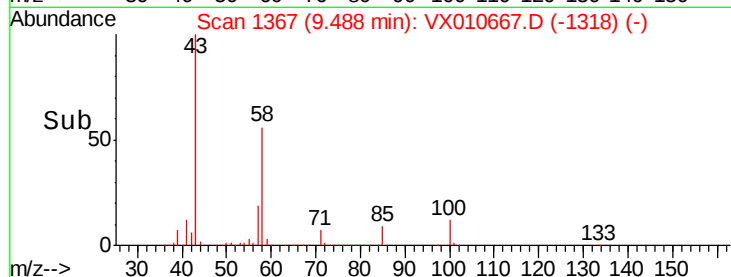
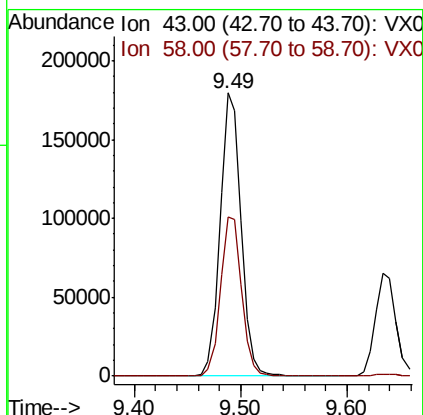
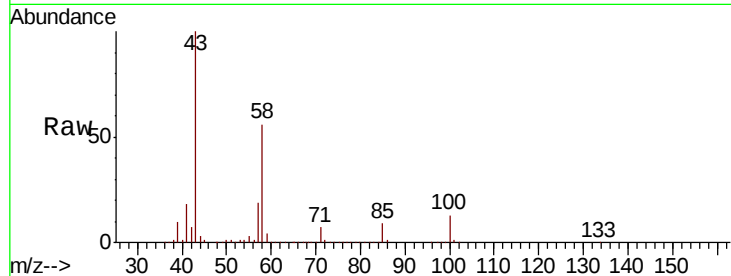




#59
2-Hexanone
Concen: 109.939 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

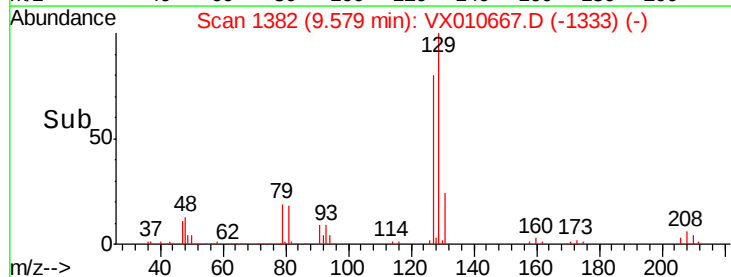
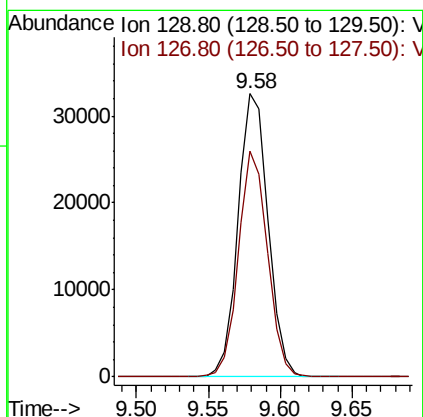
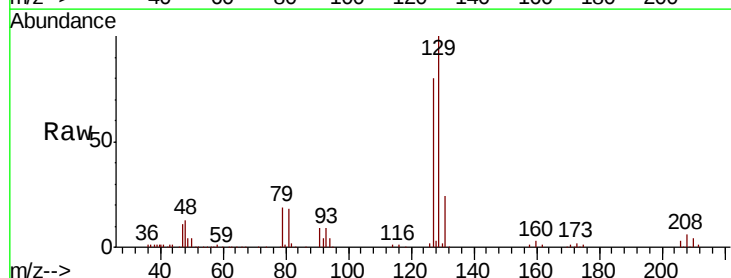
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 43 Resp: 247162
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.1



#60
Dibromochloromethane
Concen: 19.000 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion:129 Resp: 47234
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1

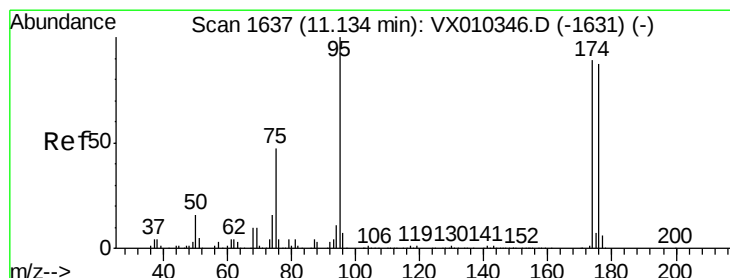
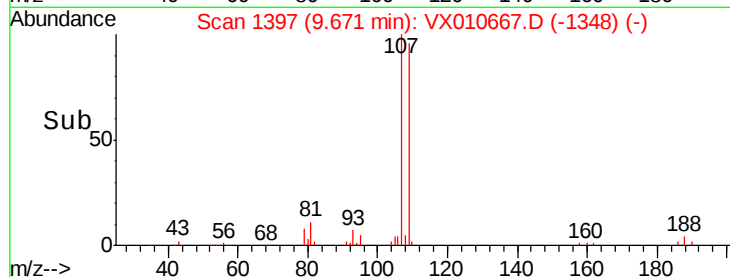
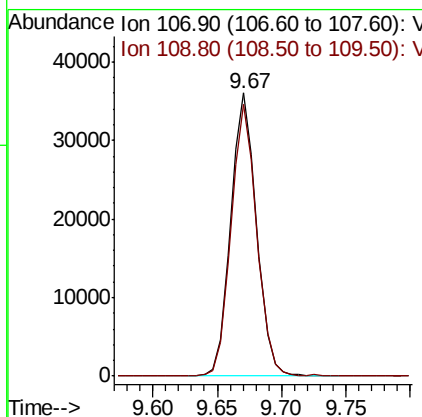
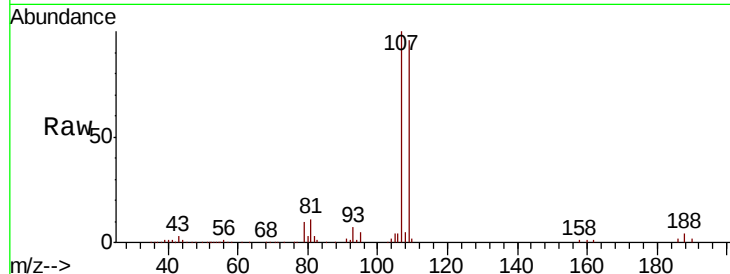




#61
 1,2-Dibromoethane
 Concen: 21.019 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

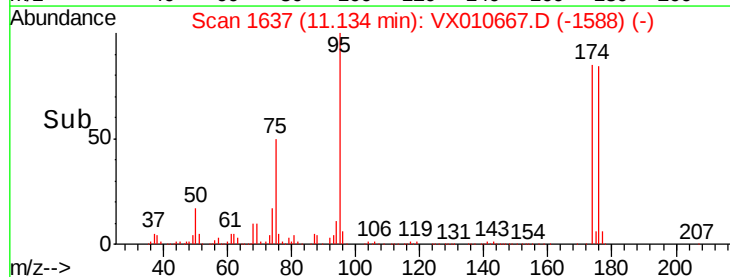
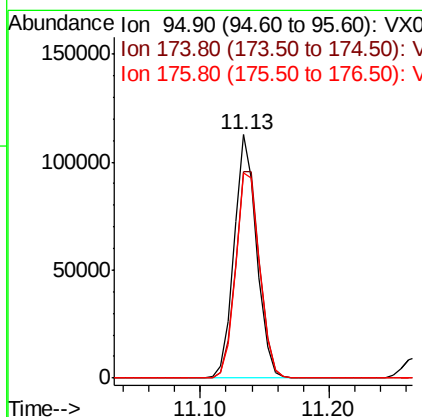
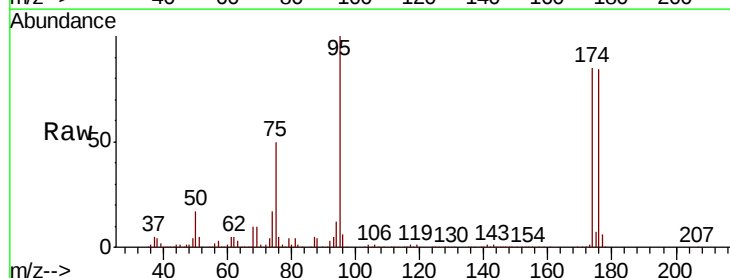
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

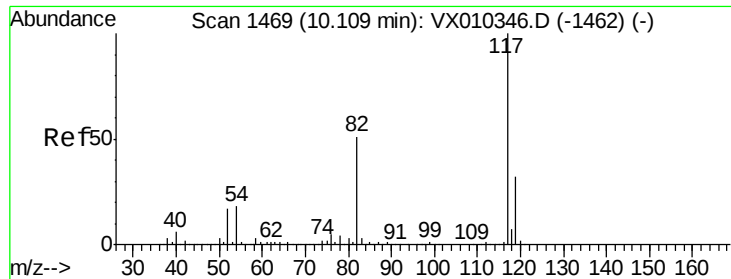
Tot Ion: 107 Resp: 50374
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.203 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 95 Resp: 137307
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 187.6
 176 89.5 0.0 184.0

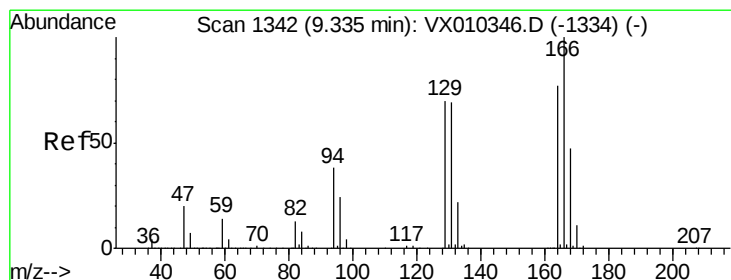
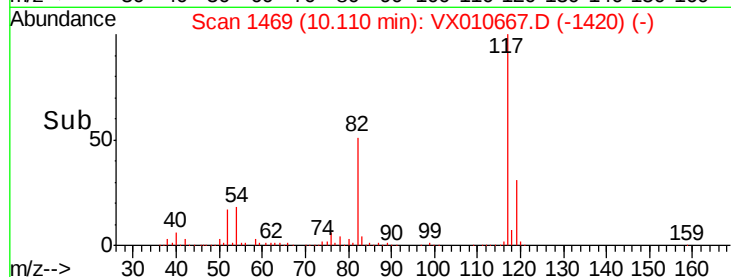
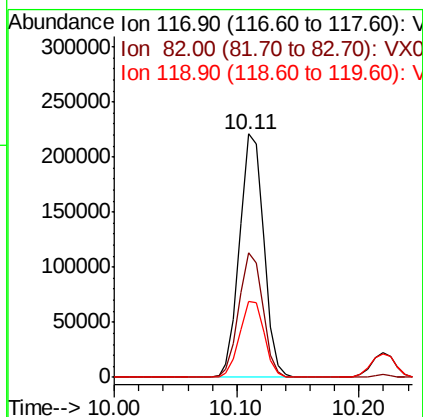
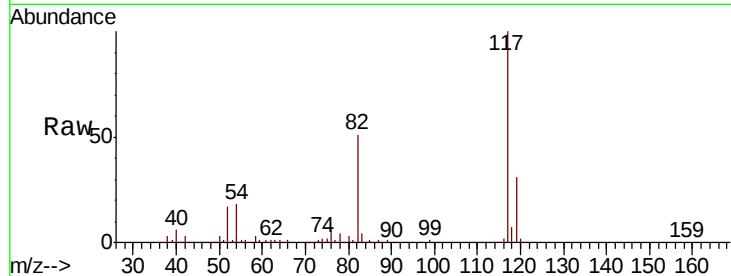




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

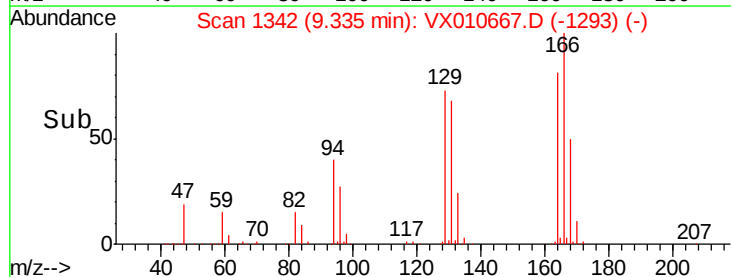
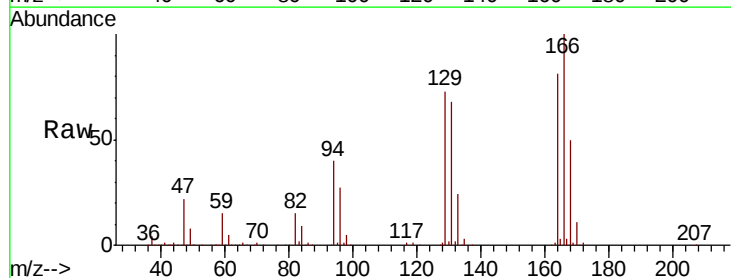
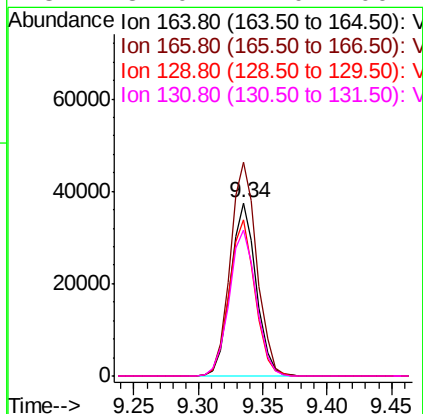
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

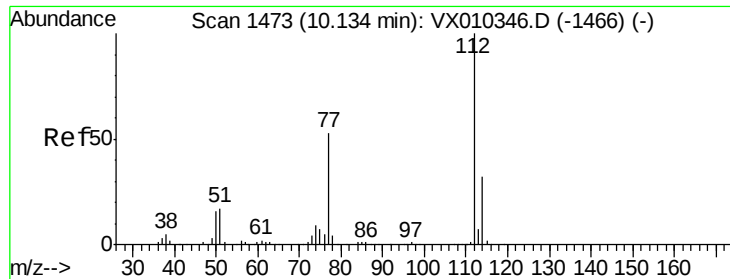
Tot Ion:117 Resp: 301553
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 21.369 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion:164 Resp: 52119
Ion Ratio Lower Upper
164 100
166 123.4 103.6 155.4
129 89.9 73.0 109.4
131 84.0 71.0 106.4





#65

Chlorobenzene

Concen: 21.234 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

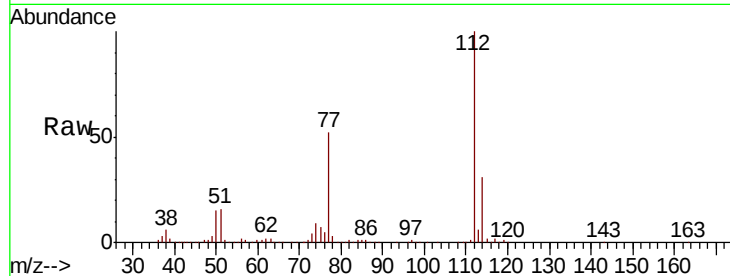
VX0703WBSD02

Tot Ion:112 Resp: 129997

Ion Ratio Lower Upper

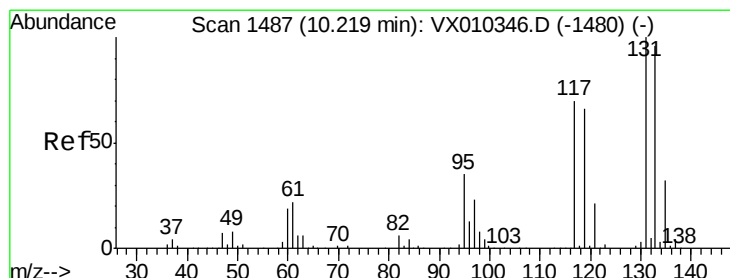
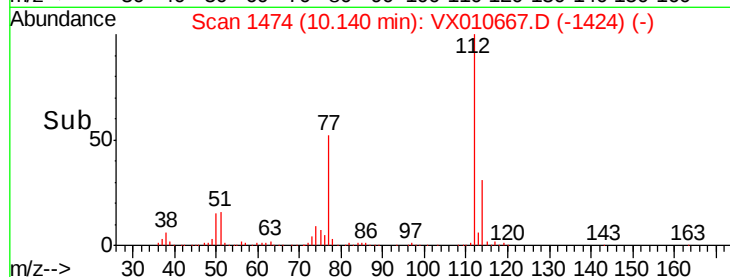
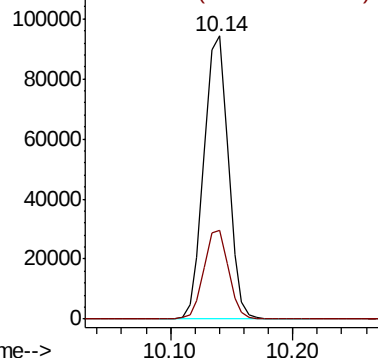
112 100

114 31.3 25.4 38.2



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: 19.933 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

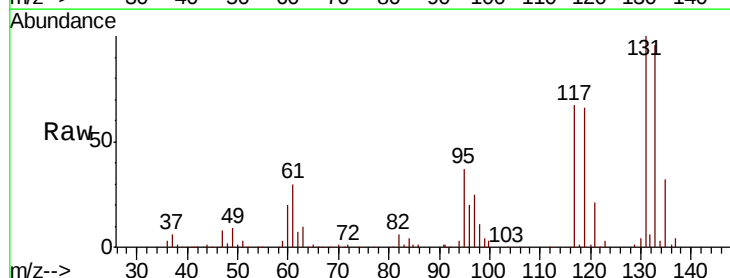
Tgt Ion:131 Resp: 44451

Ion Ratio Lower Upper

131 100

133 96.7 47.7 143.1

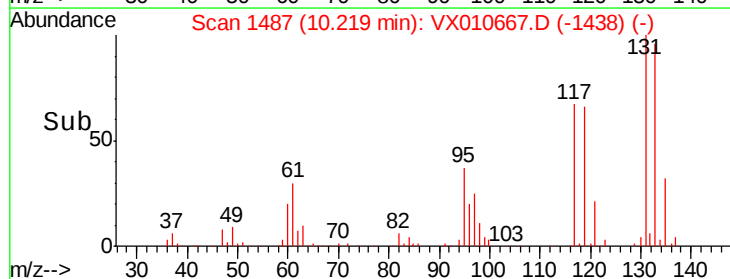
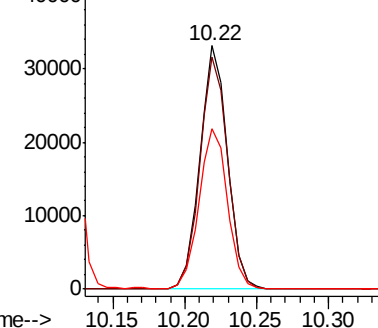
119 68.2 32.6 97.7

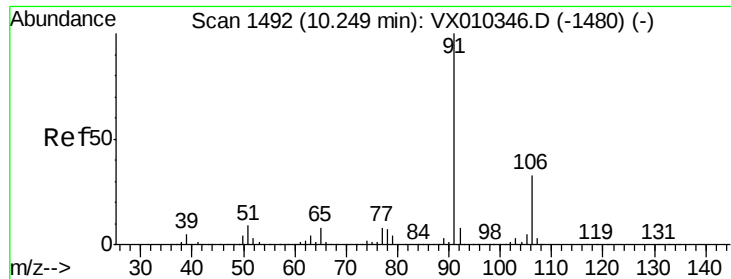


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

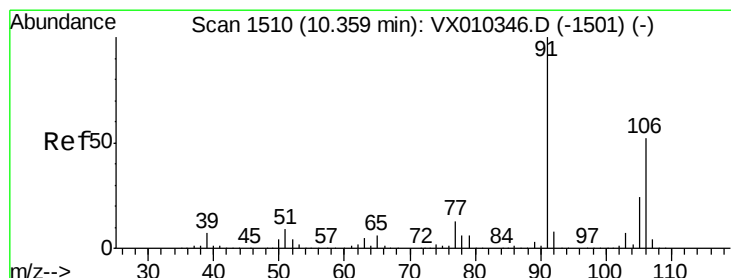
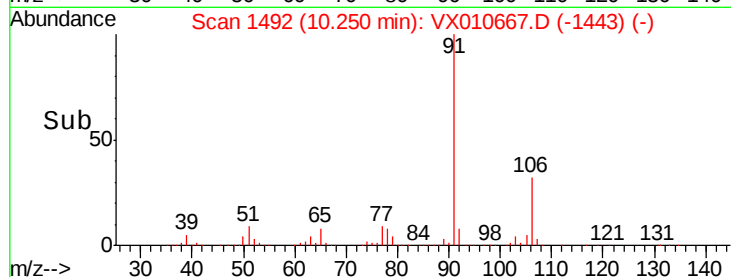
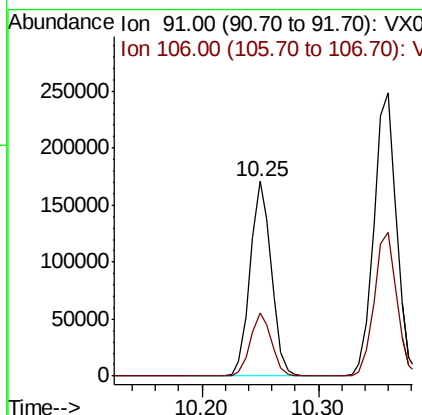
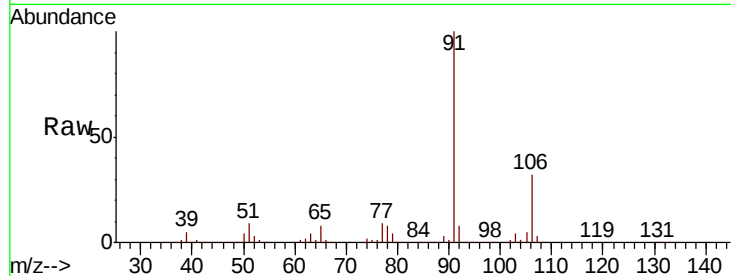




#67
Ethyl Benzene
Concen: 21.121 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

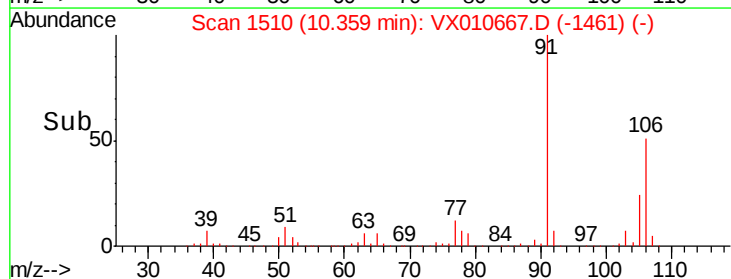
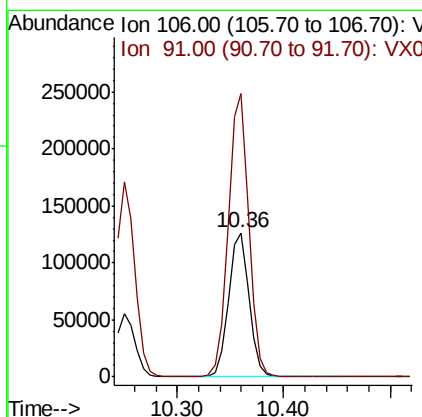
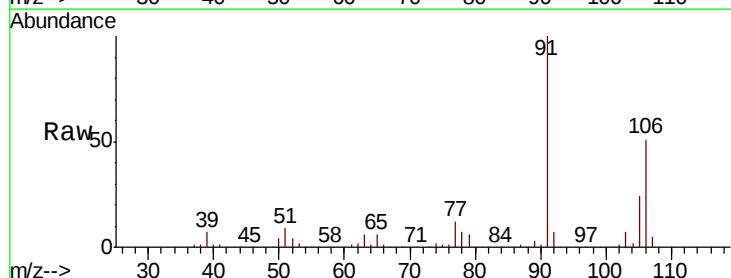
Instrument :
MSVOA_X
ClientSampleID :
VX0703WBSD02

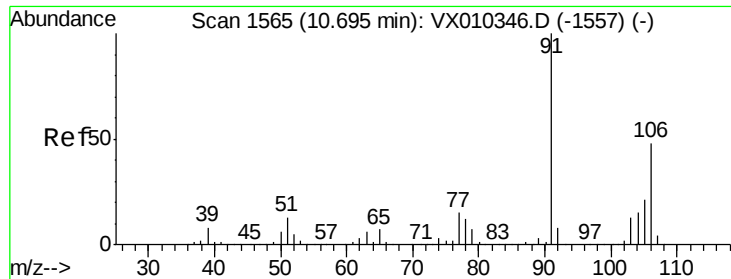
Tot Ion: 91 Resp: 218290
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 42.697 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 106 Resp: 170988
Ion Ratio Lower Upper
106 100
91 195.8 155.3 232.9

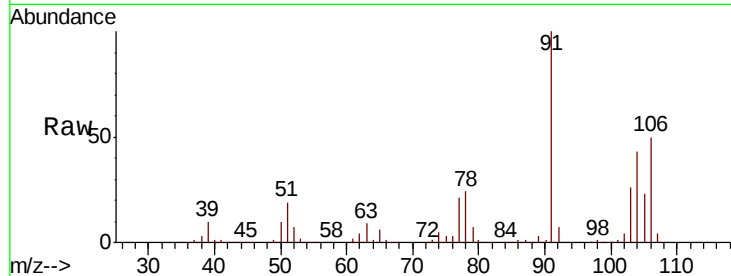




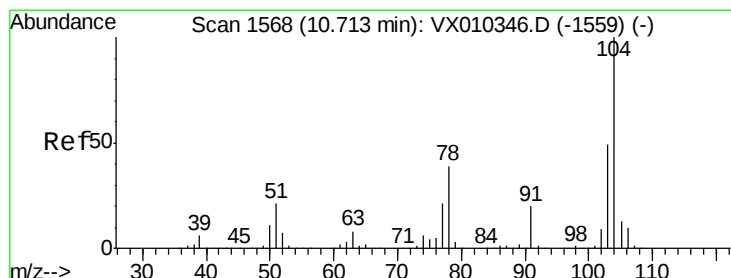
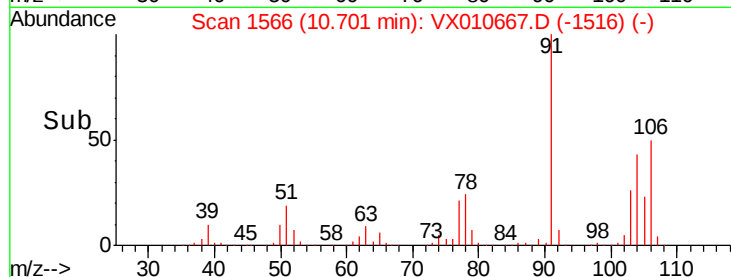
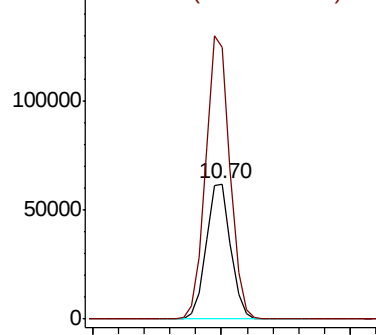
#69
o-Xylene
Concen: 20.987 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion:106 Resp: 82653
Ion Ratio Lower Upper
106 100
91 206.6 102.7 308.1

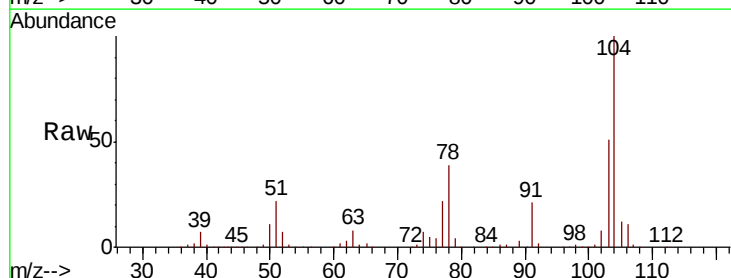


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

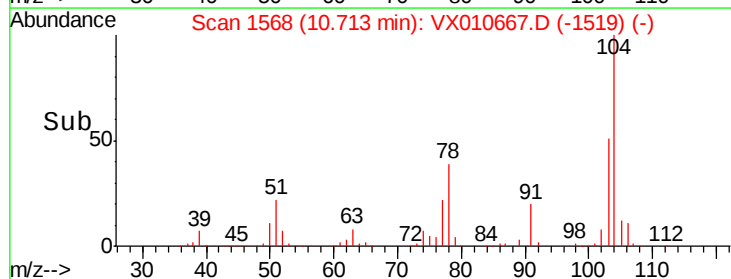
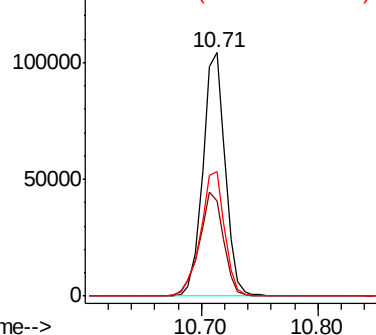


#70
Styrene
Concen: 21.029 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion:104 Resp: 138890
Ion Ratio Lower Upper
104 100
78 46.2 36.2 54.2
103 55.2 44.2 66.4



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





#71

Bromoform

Concen: 17.229 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

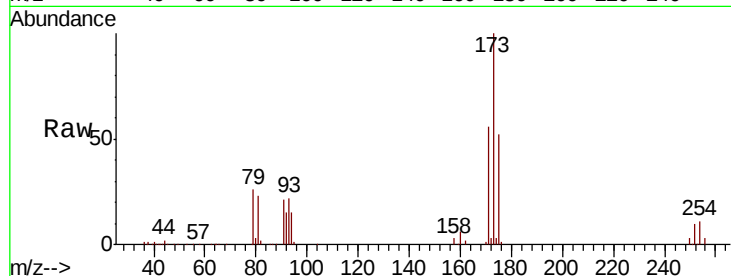
Tot Ion:173 Resp: 33411

Ion Ratio Lower Upper

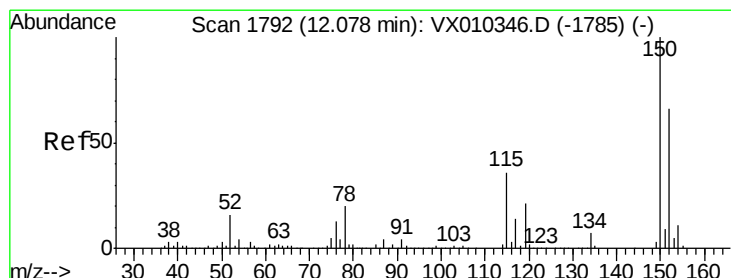
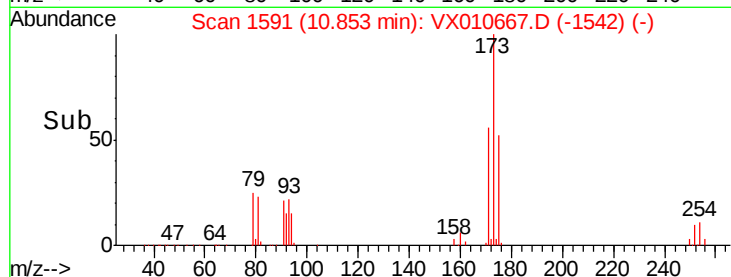
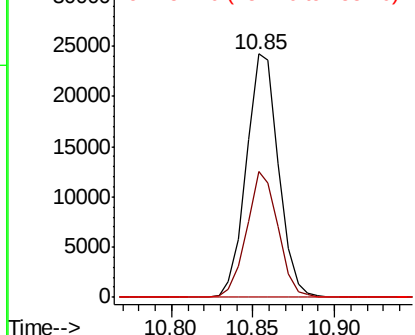
173 100

175 50.1 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

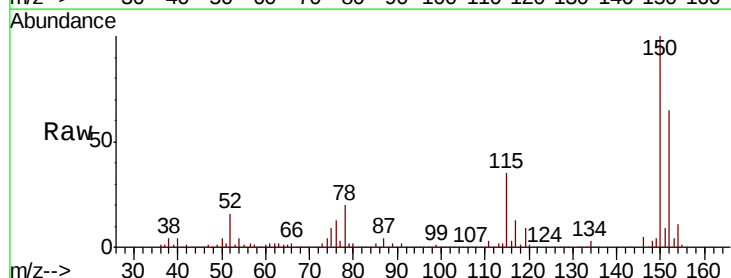
Tgt Ion:152 Resp: 155445

Ion Ratio Lower Upper

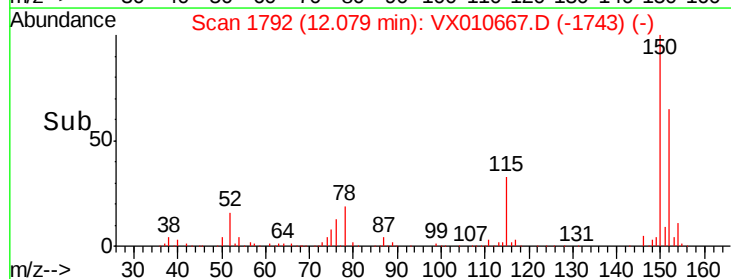
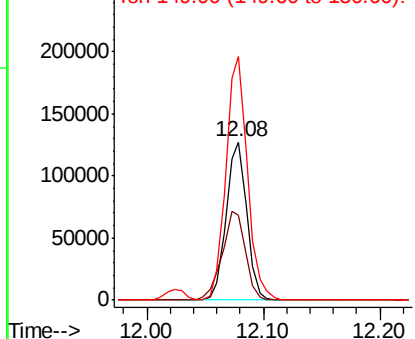
152 100

115 62.8 38.6 115.7

150 160.6 0.0 347.4



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





#73

Isopropylbenzene

Concen: 20.813 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

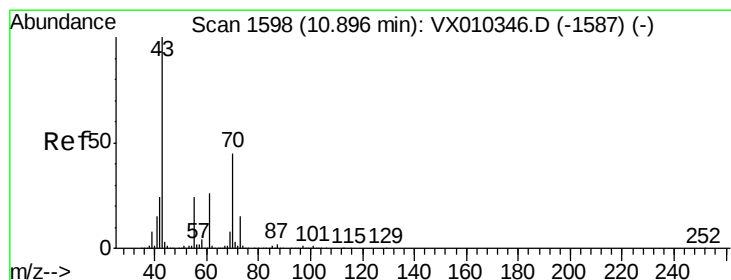
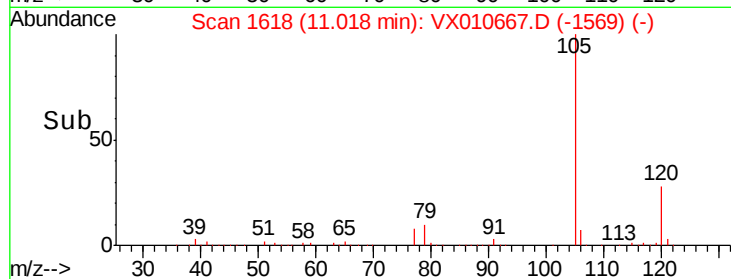
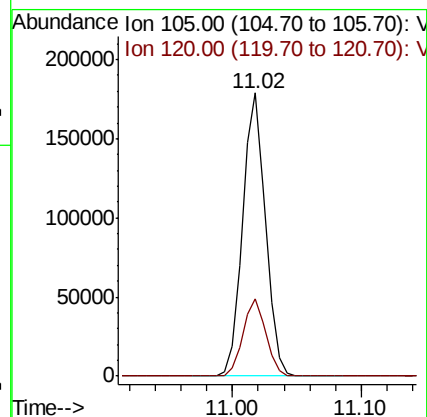
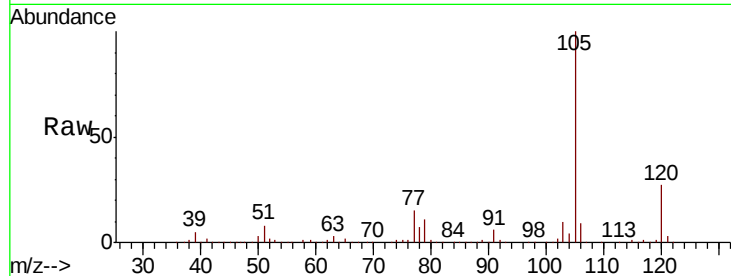
VX0703WBSD02

Tot Ion:105 Resp: 219308

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 20.626 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion: 43 Resp: 82140

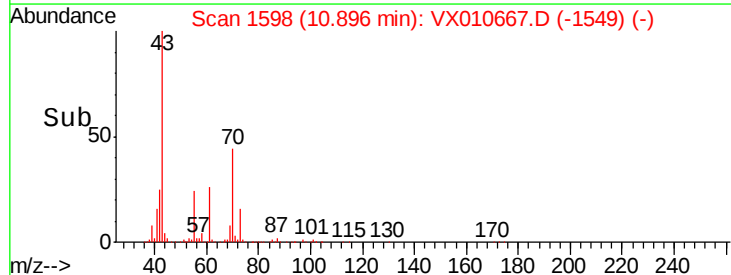
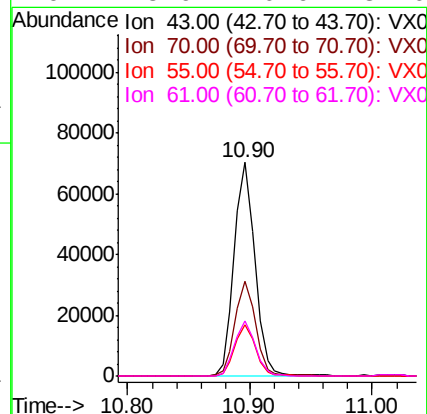
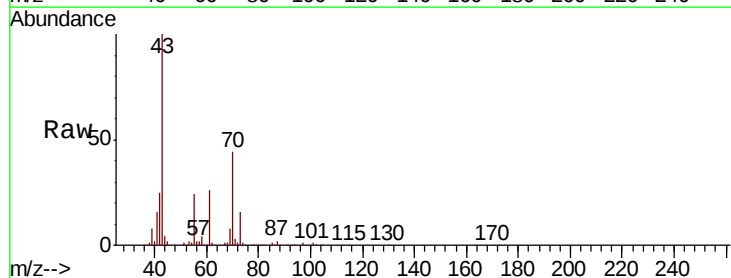
Ion Ratio Lower Upper

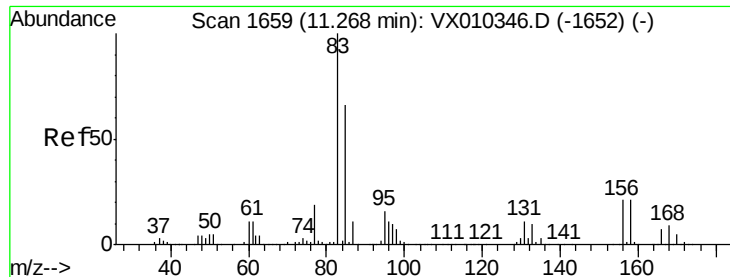
43 100

70 44.5 36.6 54.8

55 24.4 18.7 28.1

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.992 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

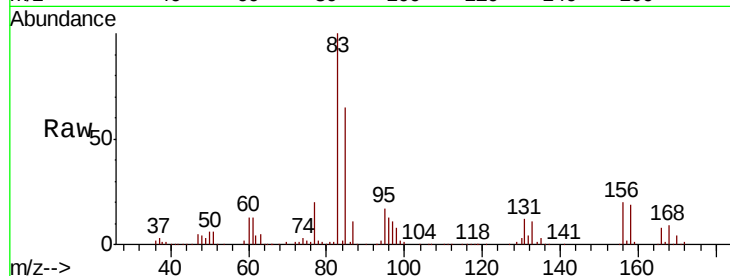
Tot Ion: 83 Resp: 73256

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

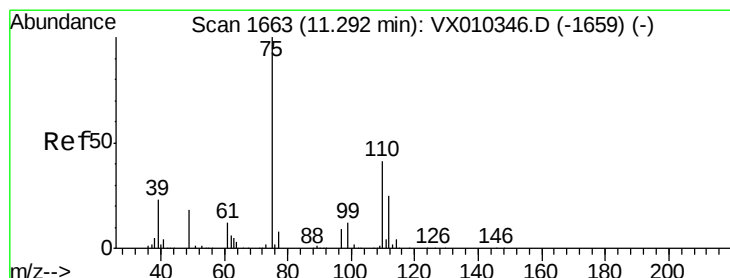
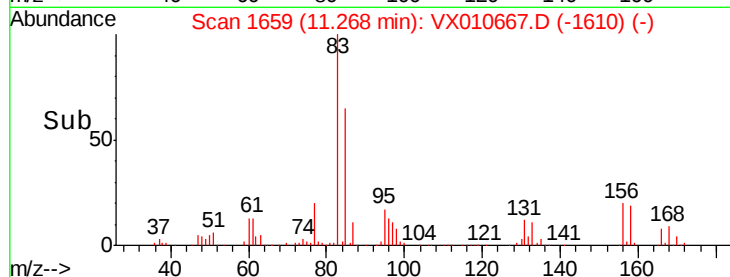
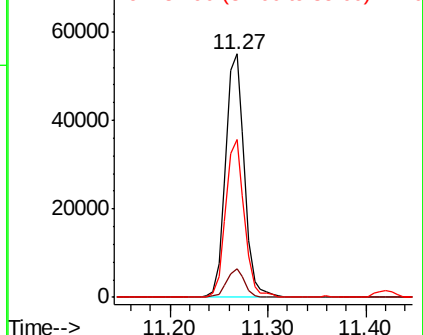
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.912 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010667.D

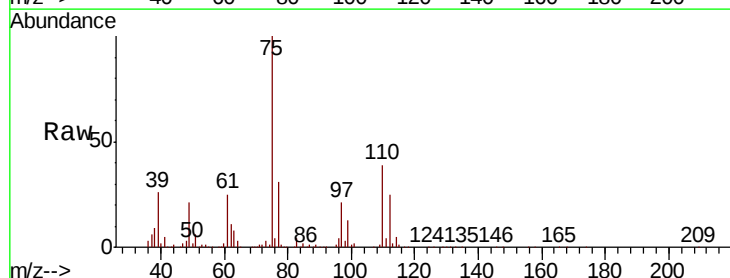
Acq: 04 Jul 2019 05:08

Tgt Ion: 75 Resp: 73399

Ion Ratio Lower Upper

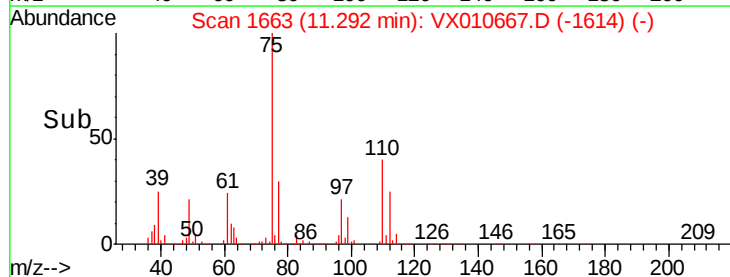
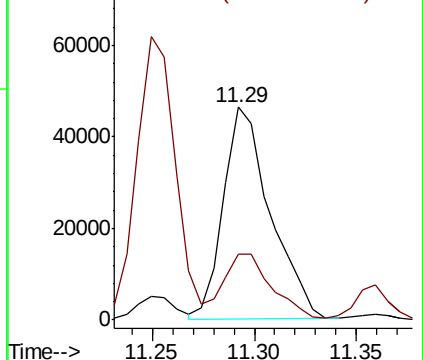
75 100

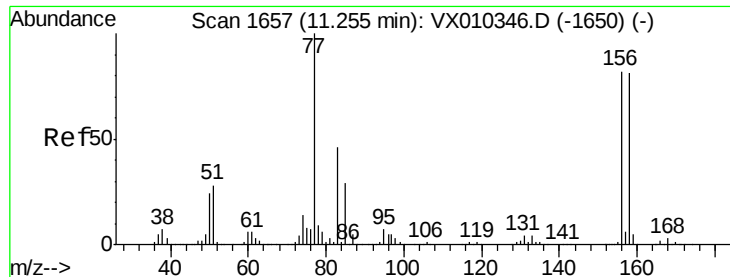
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.021 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

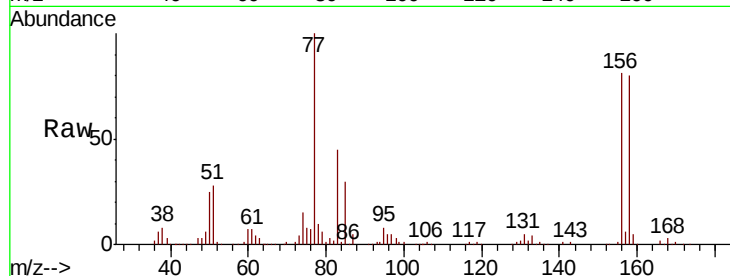
Tot Ion:156 Resp: 58907

Ion Ratio Lower Upper

156 100

77 138.1 66.3 198.7

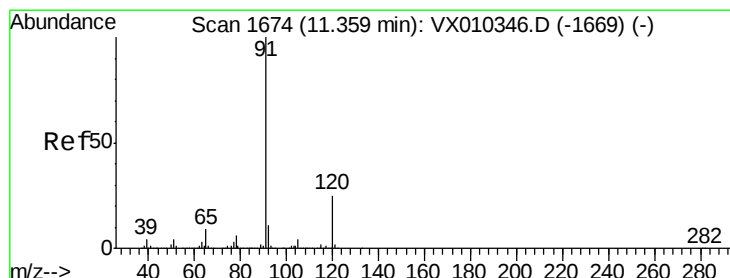
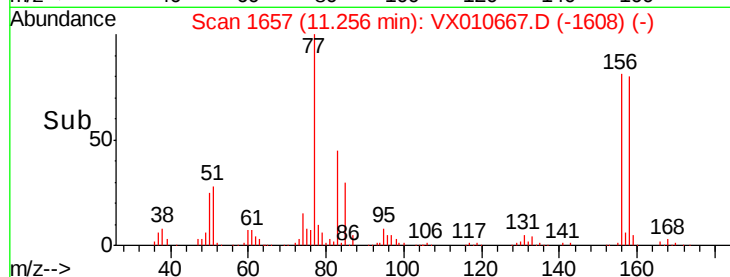
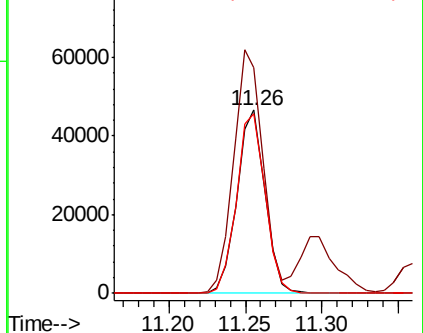
158 100.8 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.810 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010667.D

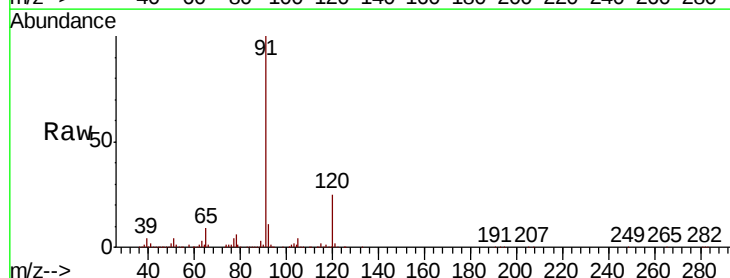
Acq: 04 Jul 2019 05:08

Tgt Ion: 91 Resp: 241001

Ion Ratio Lower Upper

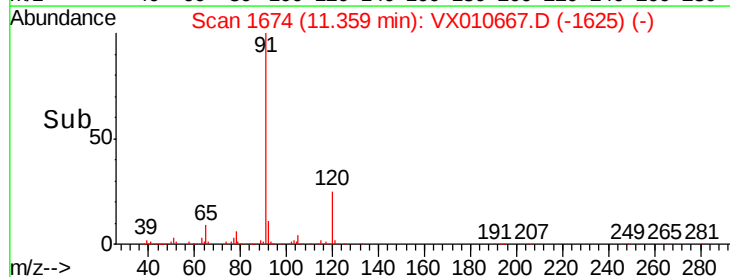
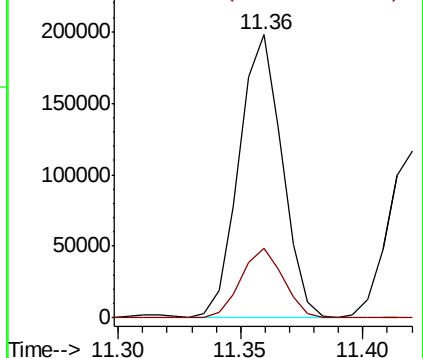
91 100

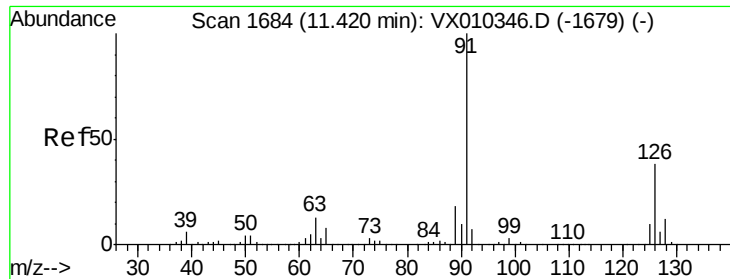
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

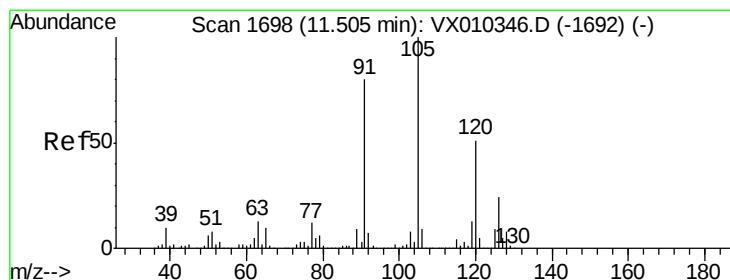
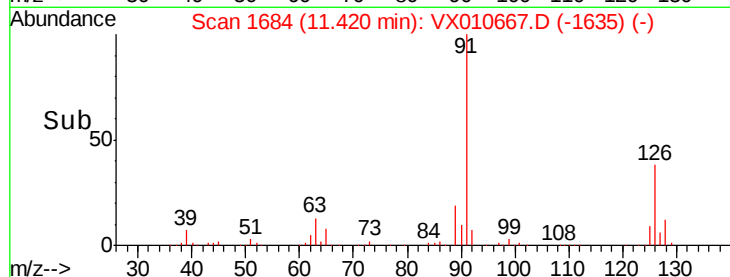
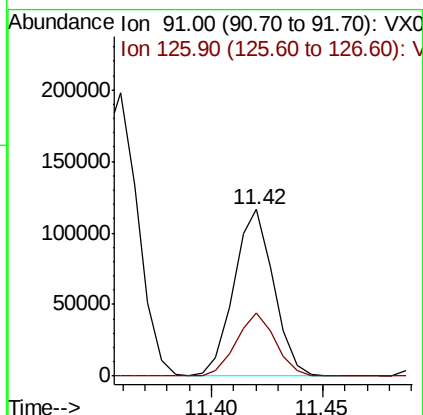
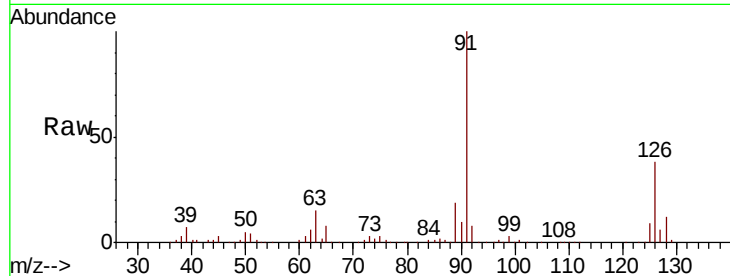




#79
2-Chlorotoluene
Concen: 20.823 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

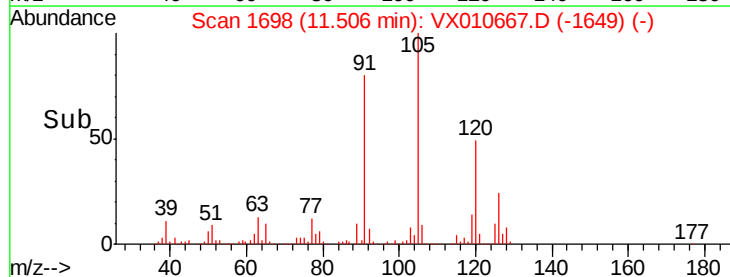
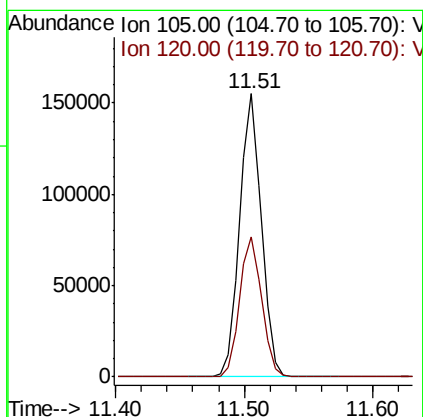
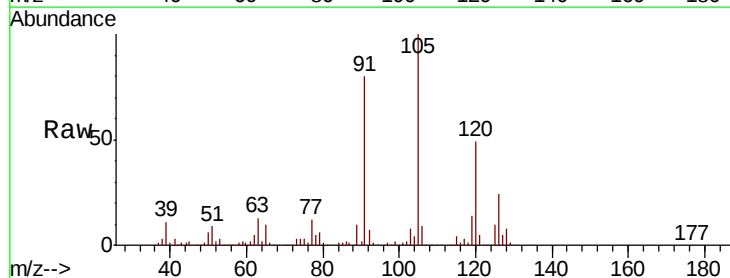
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 91 Resp: 143598
Ion Ratio Lower Upper
91 100
126 37.4 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 20.865 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 105 Resp: 181252
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6

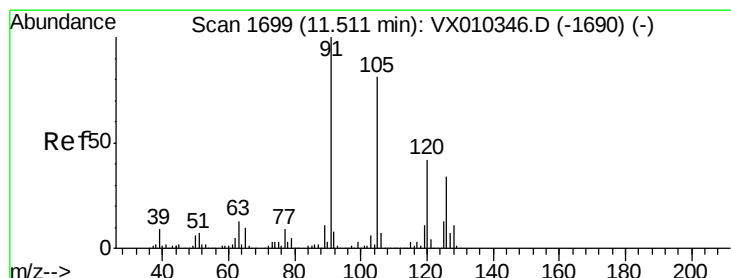
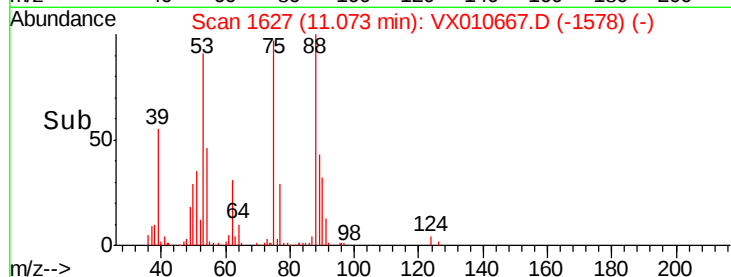
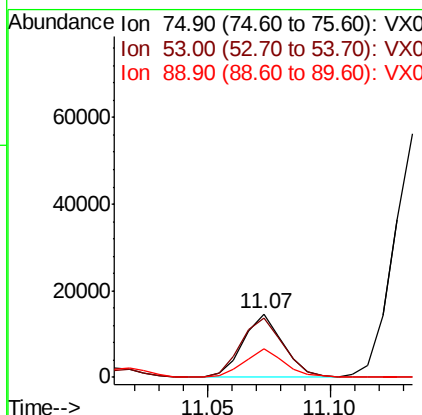
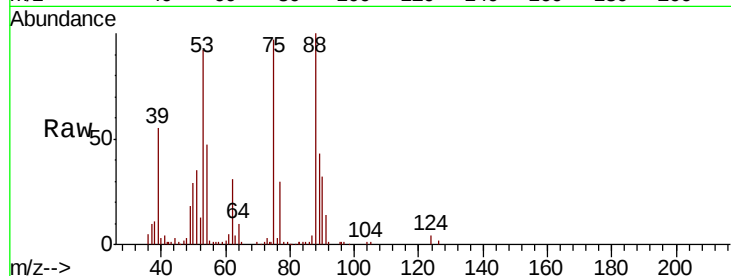




#81
trans-1,4-Dichloro-2-butene
Concen: 13.699 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

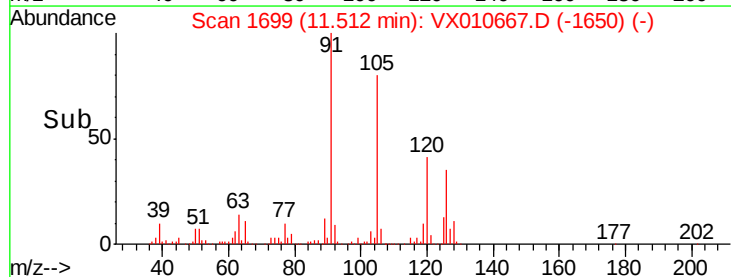
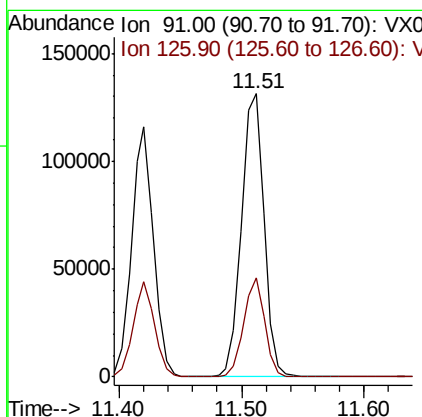
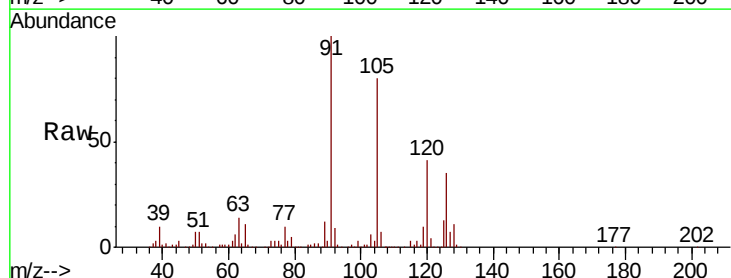
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

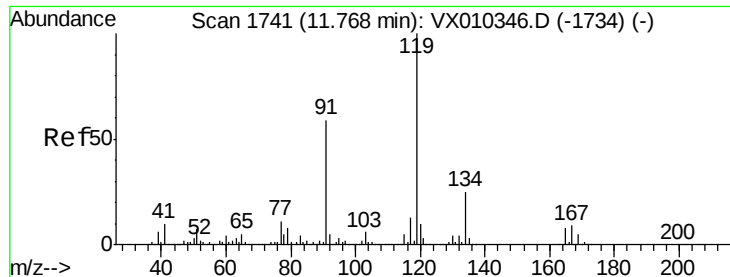
Tot Ion: 75 Resp: 16633
Ion Ratio Lower Upper
75 100
53 101.7 66.1 99.1#
89 45.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 21.245 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 91 Resp: 166713
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 20.178 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

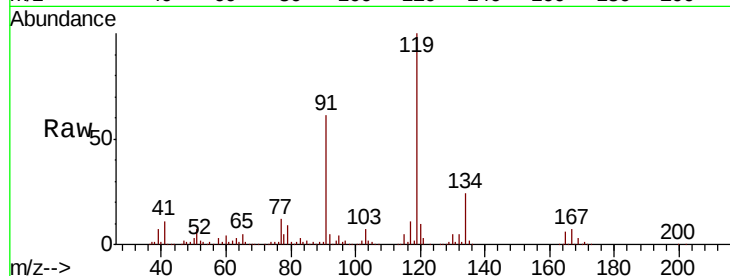
Tot Ion:119 Resp: 175930

Ion Ratio Lower Upper

119 100

91 57.2 27.6 82.7

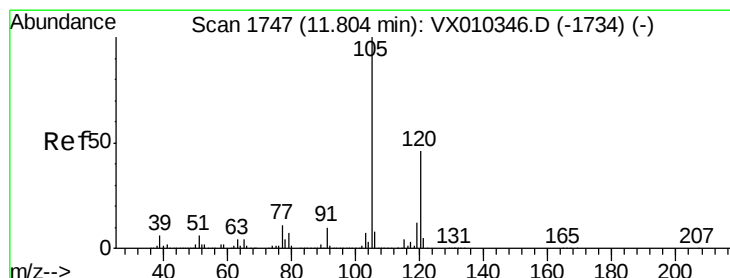
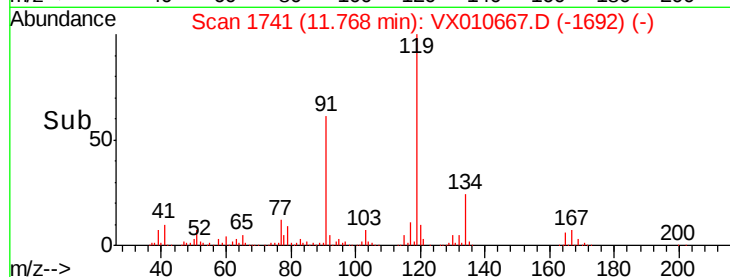
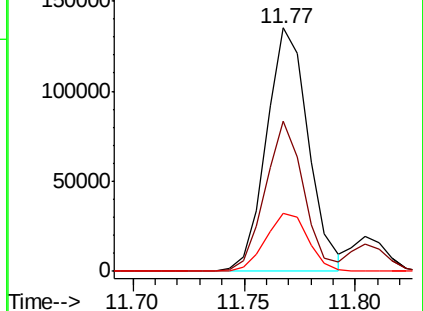
134 24.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.945 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010667.D

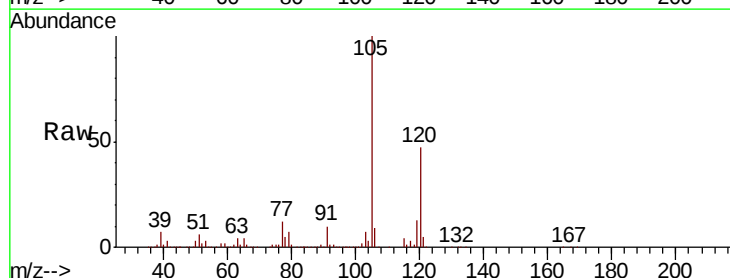
Acq: 04 Jul 2019 05:08

Tgt Ion:105 Resp: 182794

Ion Ratio Lower Upper

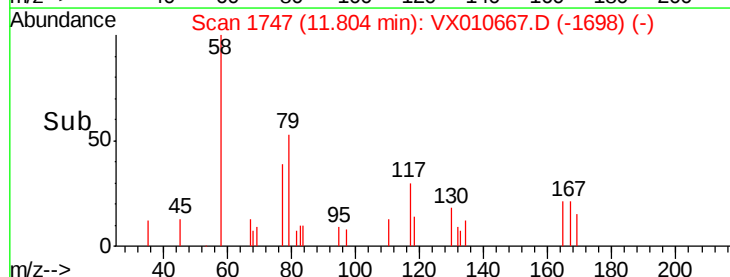
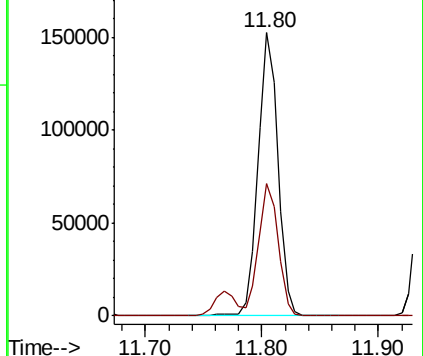
105 100

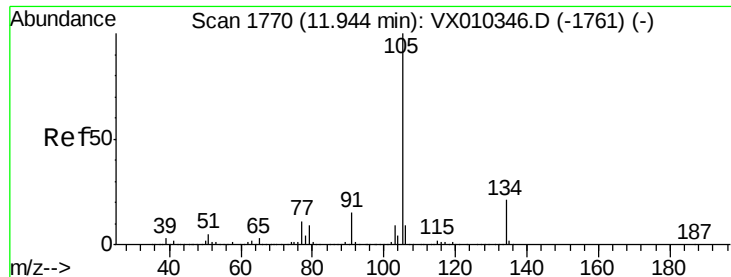
120 45.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.431 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

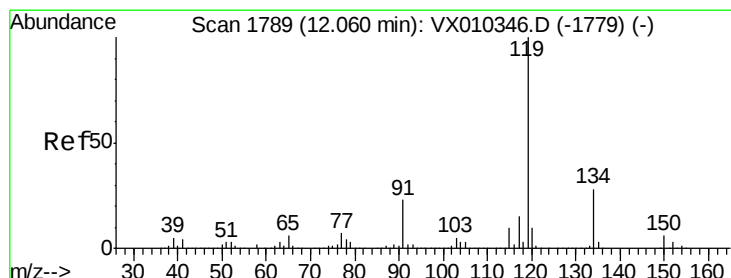
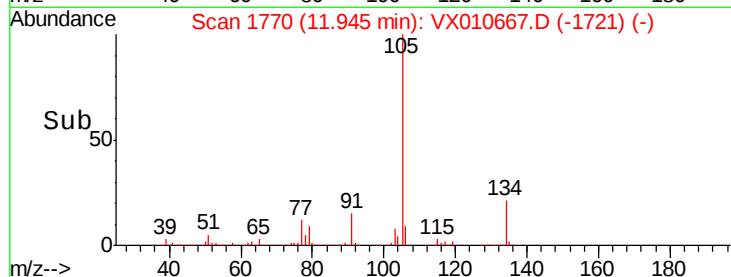
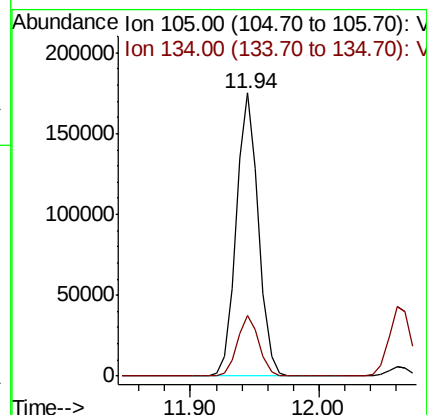
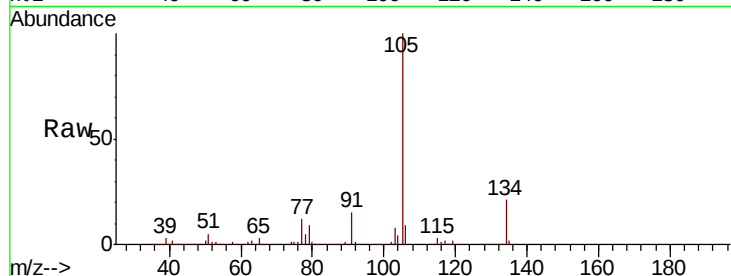
VX0703WBSD02

Tot Ion:105 Resp: 209154

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



#86

p-Isopropyltoluene

Concen: 20.299 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

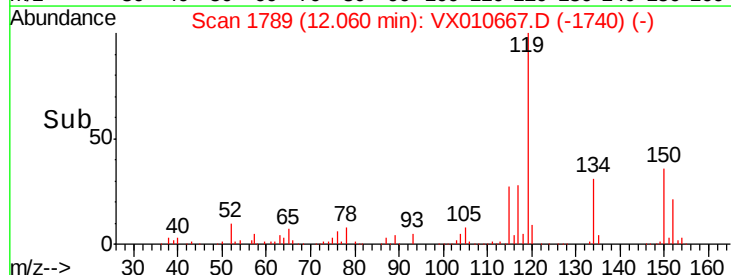
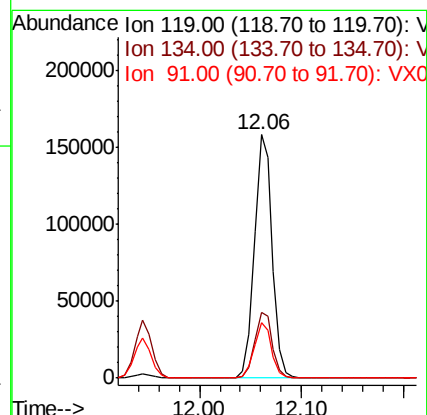
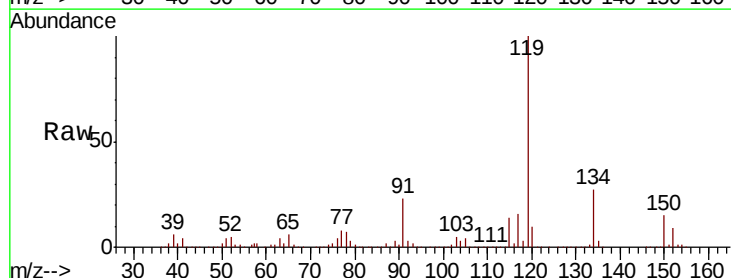
Tgt Ion:119 Resp: 192208

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.222 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

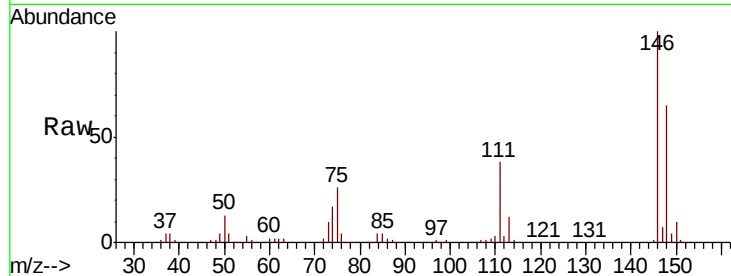
Tot Ion:146 Resp: 103860

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

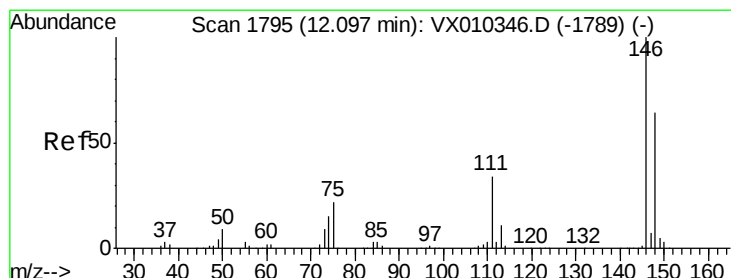
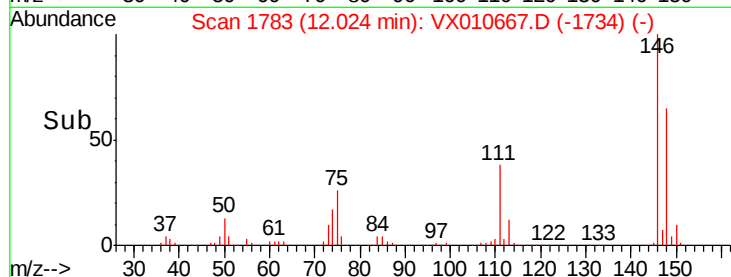
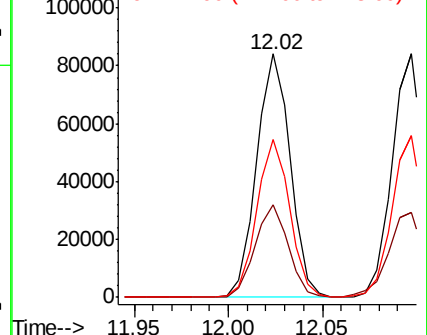
148 63.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.679 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

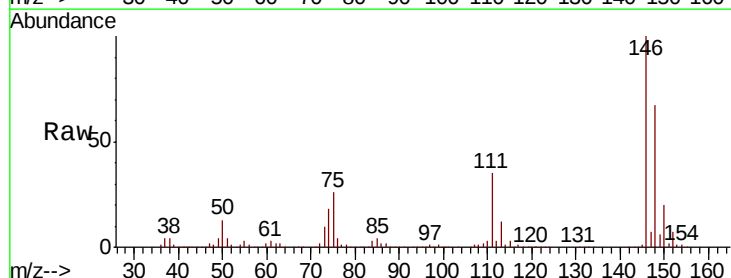
Tgt Ion:146 Resp: 102896

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.3

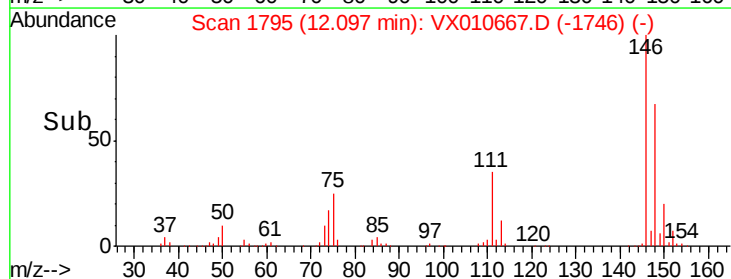
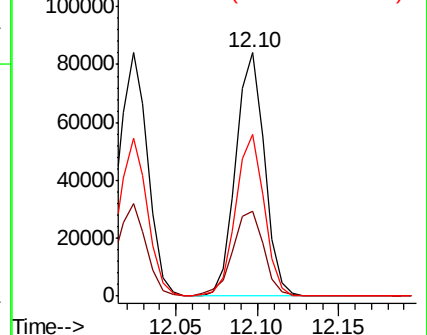
148 65.8 32.1 96.3

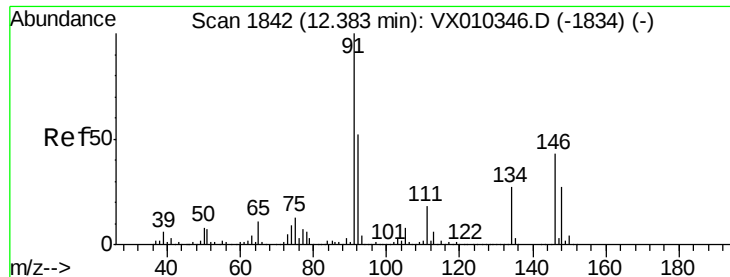


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

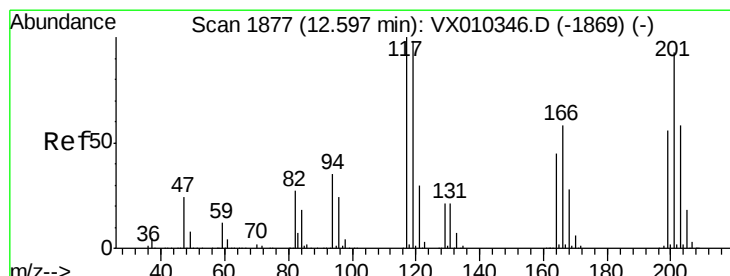
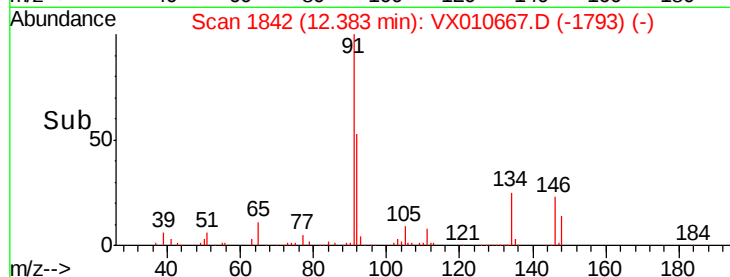
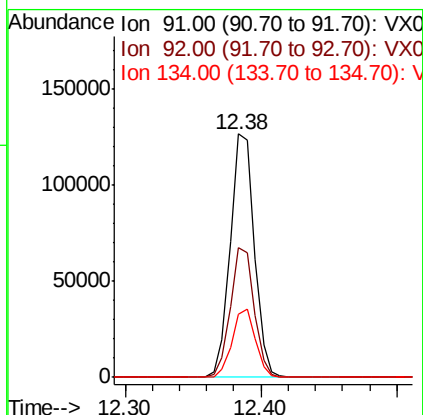
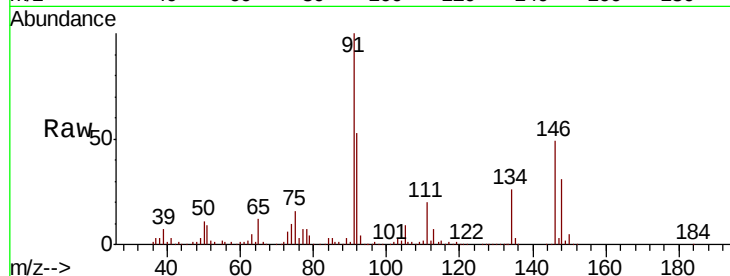




#89
n-Butylbenzene
Concen: 19.382 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

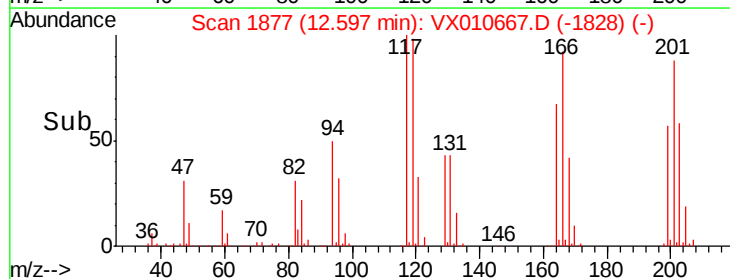
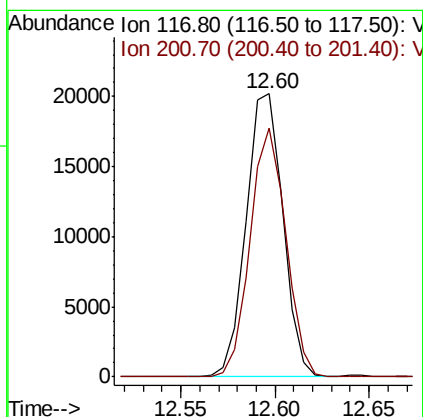
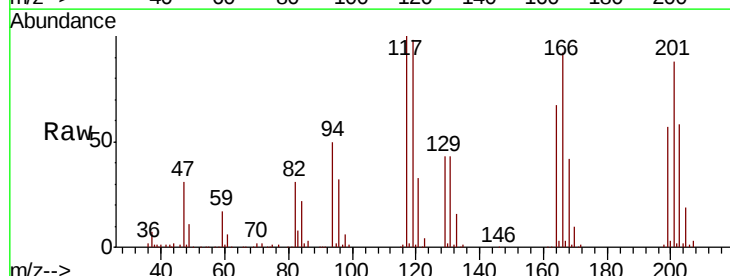
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

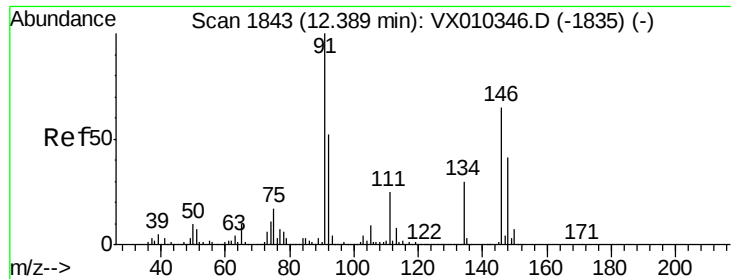
Tot Ion: 91 Resp: 155953
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 27.3 14.1 42.4



#90
Hexachloroethane
Concen: 16.723 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 117 Resp: 27381
Ion Ratio Lower Upper
117 100
201 85.2 44.0 131.8

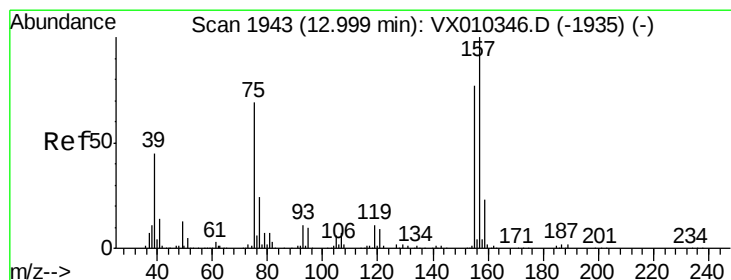
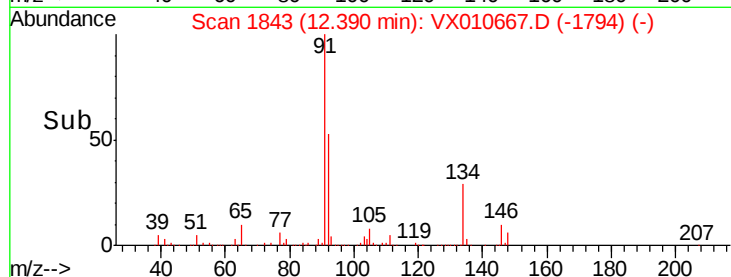
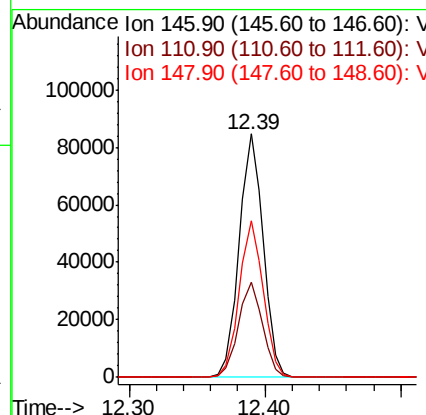
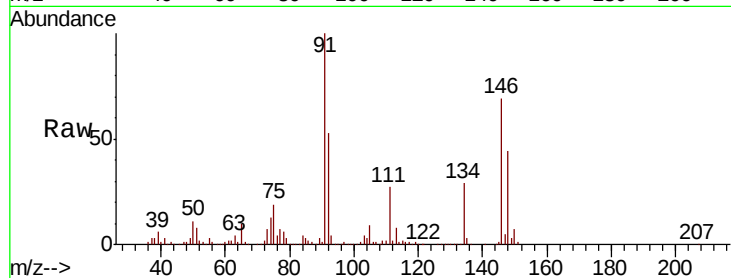




#91
 1,2-Dichlorobenzene
 Concen: 20.389 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

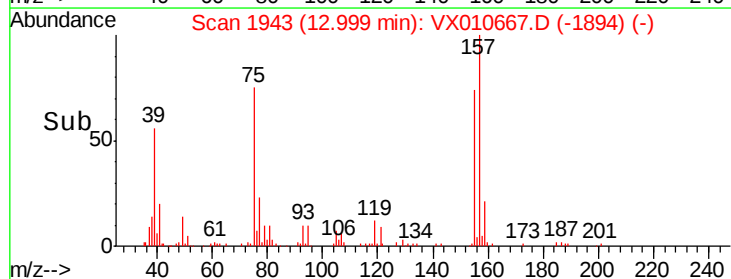
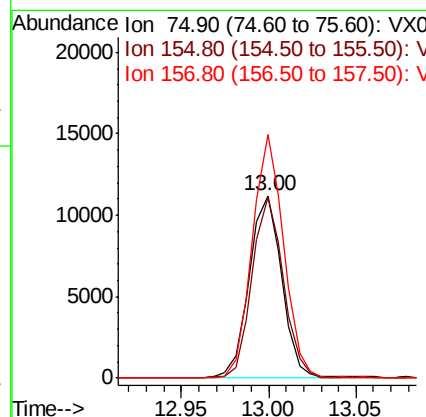
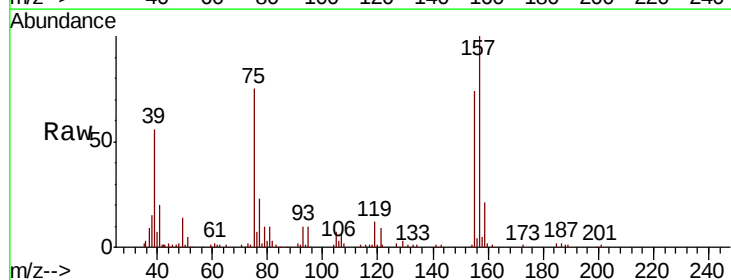
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion:146 Resp: 104075
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.330 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 75 Resp: 14544
 Ion Ratio Lower Upper
 75 100
 155 94.9 54.4 163.1
 157 128.5 69.5 208.3

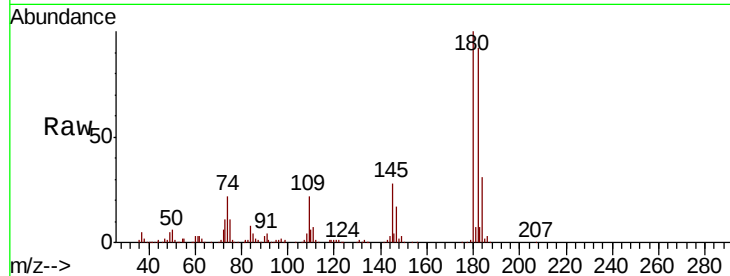




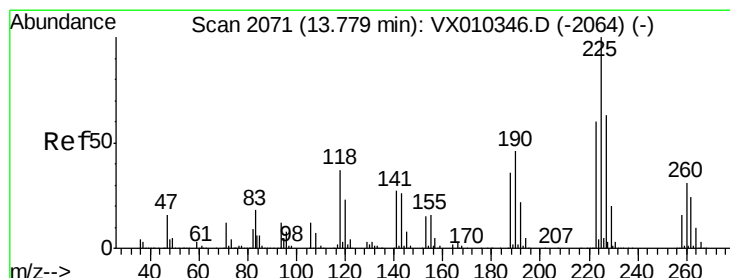
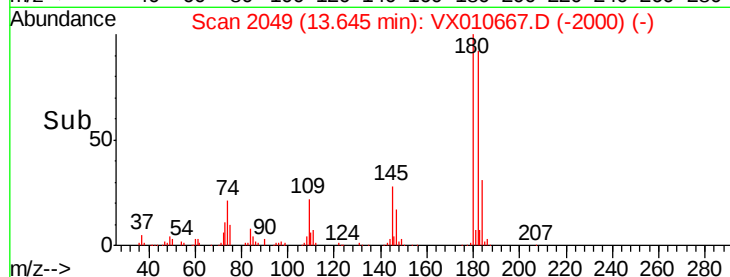
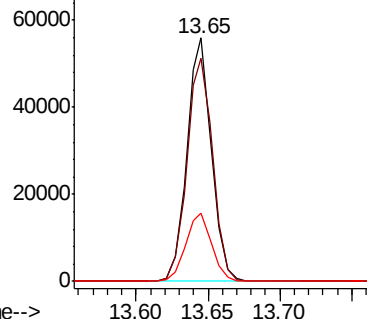
#93
 1,2,4-Trichlorobenzene
 Concen: 18.907 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion:180 Resp: 66930
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.0
 145 29.7 14.4 43.4

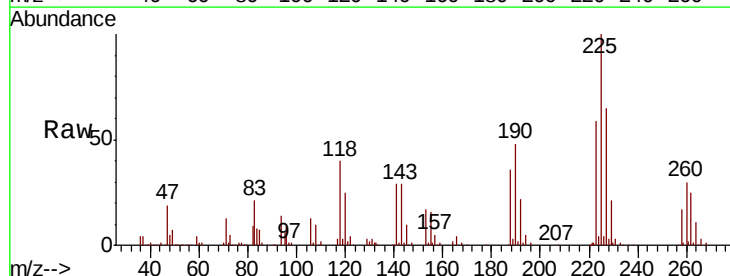


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

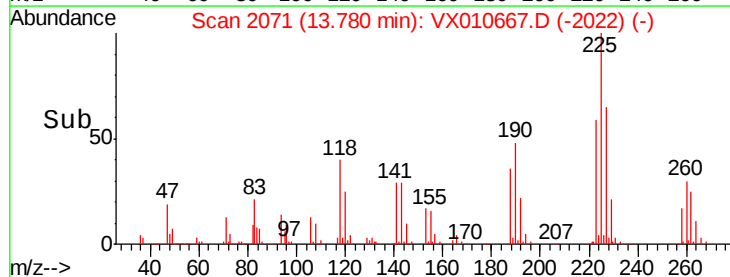
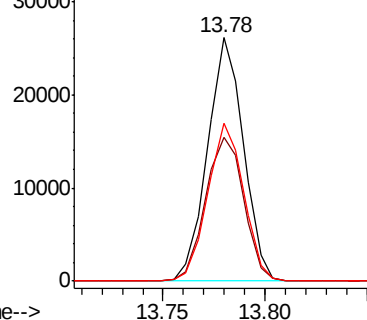


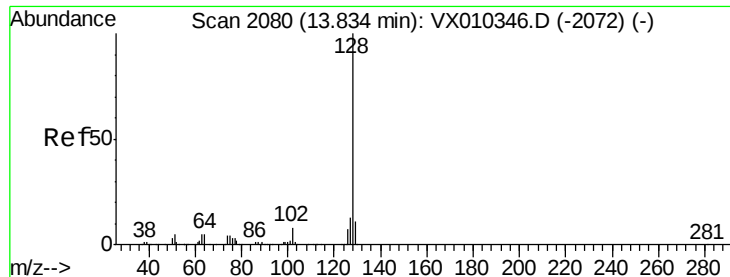
#94
 Hexachlorobutadiene
 Concen: 18.525 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion:225 Resp: 32050
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.7
 227 64.9 31.9 95.5



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

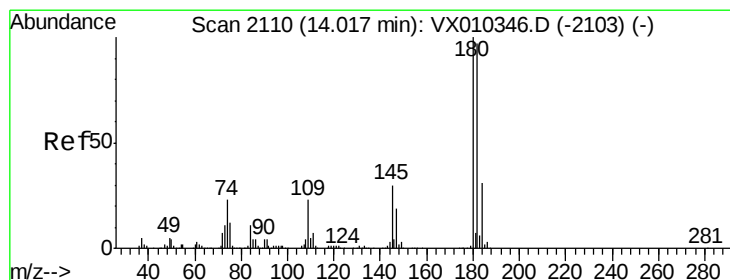
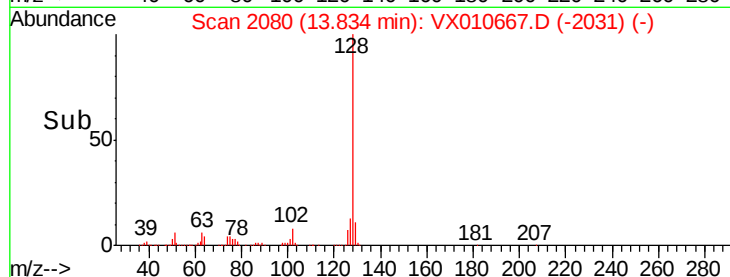
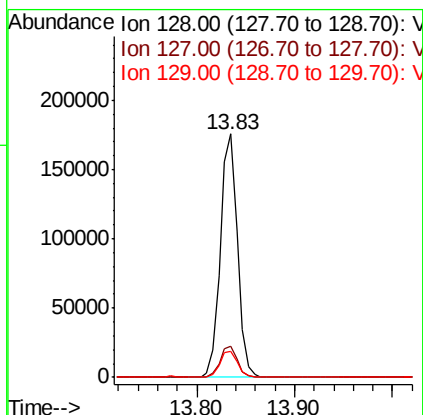
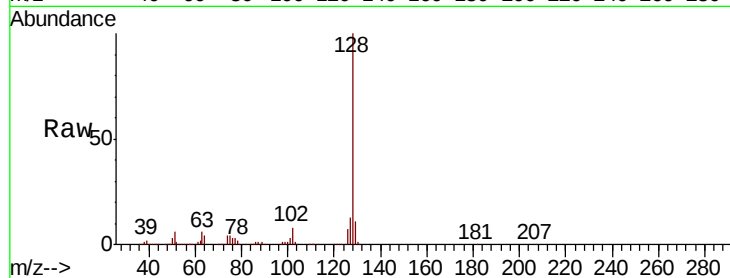




#95
Naphthalene
Concen: 19.514 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion:128 Resp: 212277
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.333 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion:180 Resp: 68045
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 31.8 15.2 45.6

