

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
 Data File : VX010069.D
 Acq On : 05 Jun 2019 12:11
 Operator : JC/SP
 Sample : VX0605MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

Quant Time: Jun 05 12:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108993	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	79054	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	324854	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	118593	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41160	20.219	ug/l	98
3) Chloromethane	1.33	50	48914	17.873	ug/l	99
4) Vinyl Chloride	1.41	62	43623	17.682	ug/l	98
5) Bromomethane	1.64	94	25312	16.934	ug/l	98
6) Chloroethane	1.72	64	27535	18.131	ug/l	98
7) Trichlorofluoromethane	1.93	101	49853	18.287	ug/l	100
8) Diethyl Ether	2.19	74	21948	17.132	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30776	18.698	ug/l	97
10) Methyl Iodide	2.51	142	29755	17.896	ug/l	99
11) Tert butyl alcohol	3.05	59	51847	89.527	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31176	18.479	ug/l	96
13) Acrolein	2.29	56	27613	82.687	ug/l	100
14) Allyl chloride	2.73	41	74116	18.075	ug/l	99
15) Acrylonitrile	3.14	53	125484	89.928	ug/l	100
16) Acetone	2.45	43	123790	91.047	ug/l	98
17) Carbon Disulfide	2.57	76	94664	18.773	ug/l	100
18) Methyl Acetate	2.78	43	55352	17.496	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117788	18.493	ug/l	98
20) Methylene Chloride	2.85	84	37795	18.152	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34398	18.324	ug/l	97
22) Diisopropyl ether	3.85	45	143537	18.398	ug/l	# 87
23) Vinyl Acetate	3.82	43	643411	91.800	ug/l	98
24) 1,1-Dichloroethane	3.70	63	69756	18.449	ug/l	99
25) 2-Butanone	4.68	43	192033	90.655	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51570	18.031	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	39201	18.091	ug/l	99
28) Bromochloromethane	5.01	49	32826	16.730	ug/l	99
29) Tetrahydrofuran	5.13	42	122330	90.057	ug/l	100
30) Chloroform	5.21	83	63599	18.651	ug/l	99
31) Cyclohexane	5.58	56	69378	19.374	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	52935	19.062	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49279	18.536	ug/l	99
37) Ethyl Acetate	4.84	43	70892	19.137	ug/l	99
38) Carbon Tetrachloride	5.79	117	45012	19.593	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61879	19.622	ug/l	99
40) Benzene	6.14	78	151909	19.262	ug/l	96
41) Methacrylonitrile	5.04	41	38434	17.756	ug/l	96
42) 1,2-Dichloroethane	6.20	62	55150	18.915	ug/l	99
43) Isopropyl Acetate	6.45	43	111369	18.632	ug/l	99
44) Trichloroethene	7.21	130	36703	19.159	ug/l	100
45) 1,2-Dichloropropane	7.51	63	42342	18.651	ug/l	97
46) Dibromomethane	7.66	93	24671	18.462	ug/l	97
47) Bromodichloromethane	7.90	83	47754	18.792	ug/l	99
48) Methyl methacrylate	7.77	41	55877	18.884	ug/l	99
49) 1,4-Dioxane	7.74	88	20988	381.331	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	369513	95.033	ug/l	98
52) Toluene	8.78	92	93667	19.561	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56465	18.527	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	62497	18.821	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36957	19.176	ug/l	97
56) Ethyl methacrylate	9.18	69	66557	19.398	ug/l	98
57) 1,3-Dichloropropane	9.37	76	65447	18.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	165215	91.826	ug/l	99
59) 2-Hexanone	9.49	43	290067	96.897	ug/l	98
60) Dibromochloromethane	9.58	129	36782	19.401	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37509	18.944	ug/l	97
64) Tetrachloroethene	9.34	164	34260	20.485	ug/l	98
65) Chlorobenzene	10.13	112	96988	19.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34047	19.583	ug/l	100
67) Ethyl Benzene	10.25	91	177948	19.771	ug/l	100
68) m/p-Xylenes	10.36	106	131002	39.399	ug/l	99
69) o-Xylene	10.69	106	62451	19.584	ug/l	98
70) Styrene	10.71	104	110625	19.784	ug/l	99
71) Bromoform	10.85	173	27504	19.353	ug/l #	100
73) Isopropylbenzene	11.02	105	169713	19.548	ug/l	99
74) N-amyl acetate	10.90	43	99569	19.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	61609	19.021	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	71484	21.459	ug/l	82
77) Bromobenzene	11.26	156	42754	19.323	ug/l	98
78) n-propylbenzene	11.36	91	196592	19.645	ug/l	100
79) 2-Chlorotoluene	11.42	91	116073	18.984	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143939	19.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19921	17.516	ug/l	93
82) 4-Chlorotoluene	11.51	91	133979	18.823	ug/l	99
83) tert-Butylbenzene	11.77	119	136937	19.569	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143850	19.366	ug/l	100
85) sec-Butylbenzene	11.94	105	163561	19.647	ug/l	99
86) p-Isopropyltoluene	12.06	119	149851	20.012	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76312	19.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74832	18.628	ug/l	98
89) n-Butylbenzene	12.38	91	135910	19.313	ug/l	99
90) Hexachloroethane	12.59	117	24257	18.877	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	75196	19.362	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13931	18.272	ug/l	99

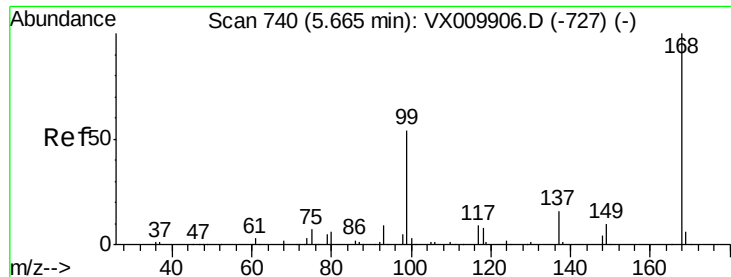
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
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Quant Time: Jun 05 12:30:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Tue May 28 13:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55295	19.924	ug/l	98
94) Hexachlorobutadiene	13.78	225	25504	18.321	ug/l	99
95) Naphthalene	13.83	128	171594	19.868	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	54508	19.621	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

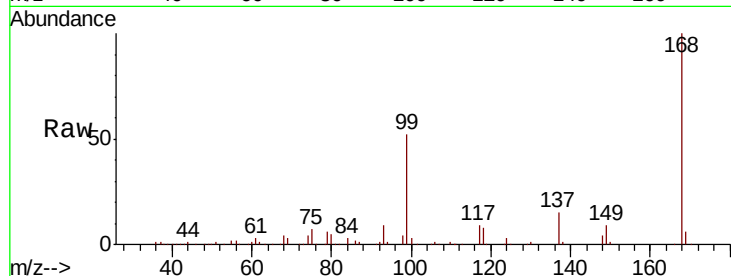
VX0605MBS01

Tgt Ion:168 Resp: 166588

Ion Ratio Lower Upper

168 100

99 52.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

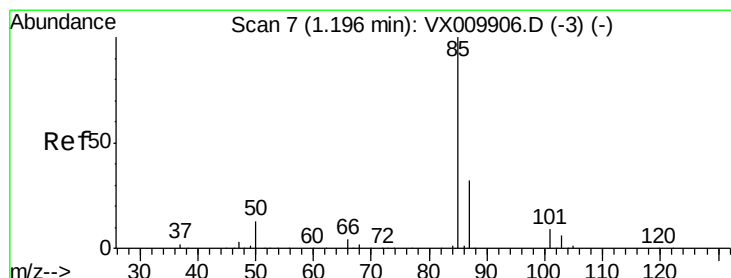
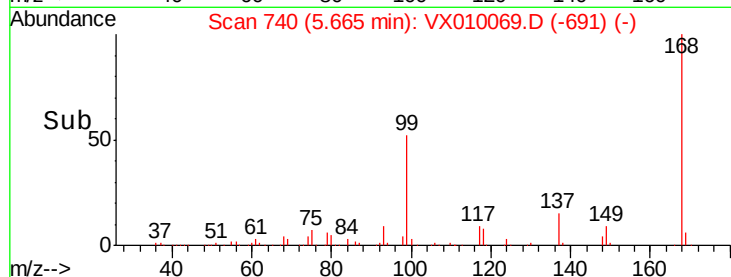
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.219 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010069.D

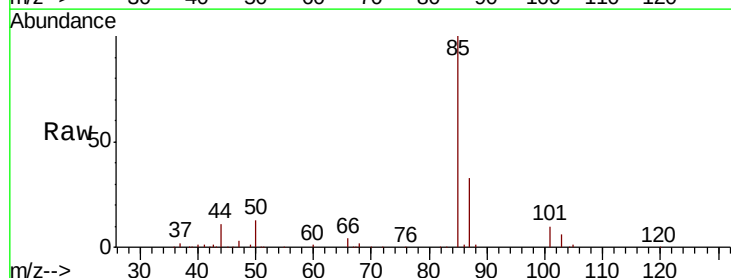
Acq: 05 Jun 2019 12:11

Tgt Ion: 85 Resp: 41160

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

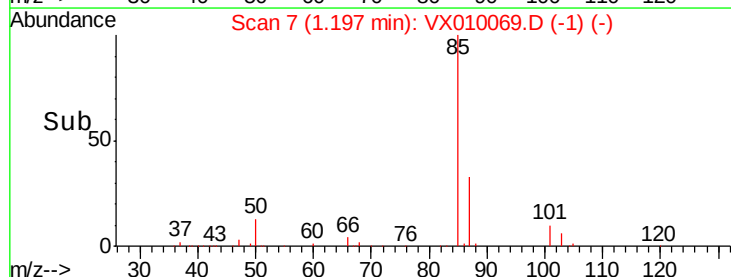
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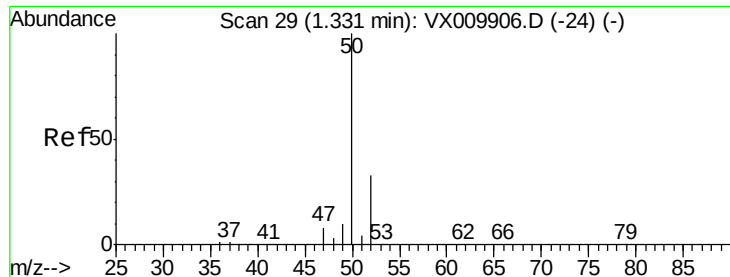
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.873 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

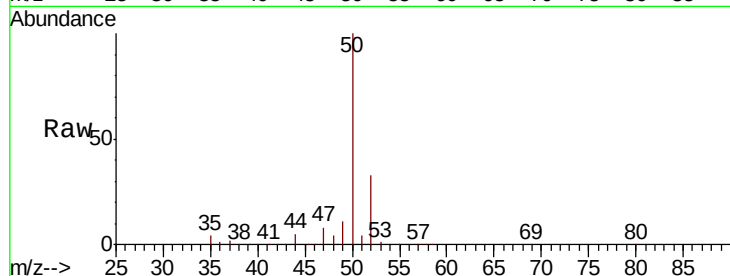
VX0605MBS01

Tgt Ion: 50 Resp: 48914

Ion Ratio Lower Upper

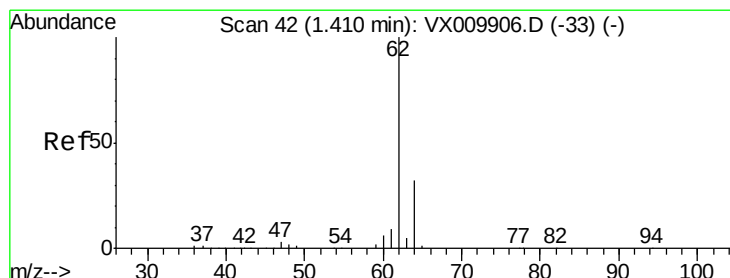
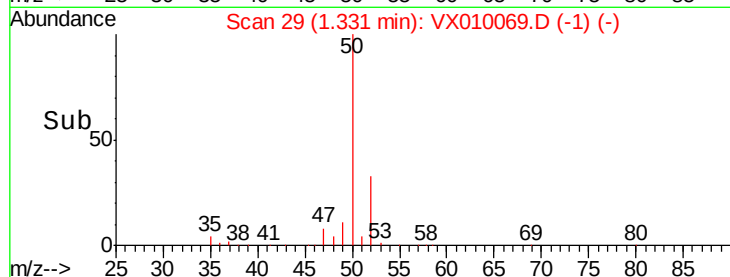
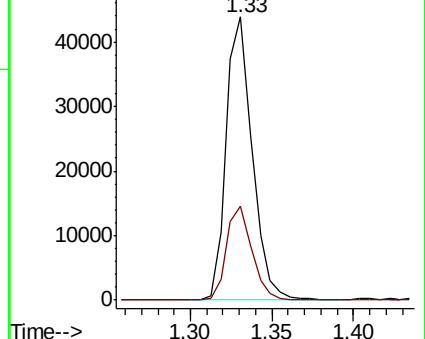
50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.682 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010069.D

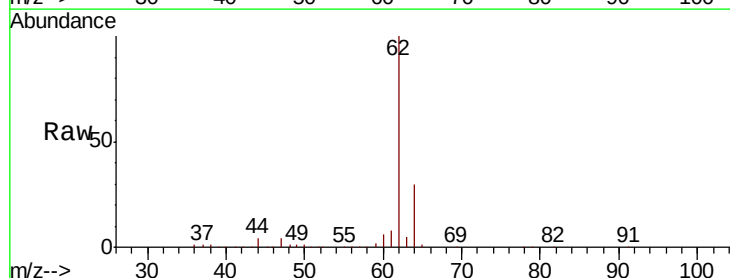
Acq: 05 Jun 2019 12:11

Tgt Ion: 62 Resp: 43623

Ion Ratio Lower Upper

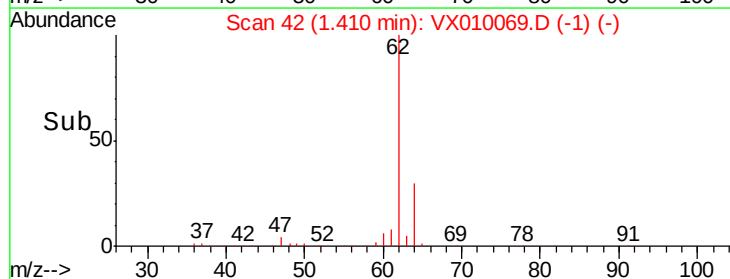
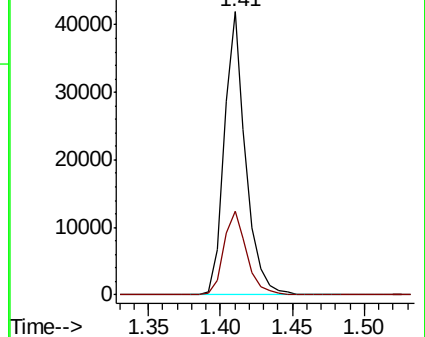
62 100

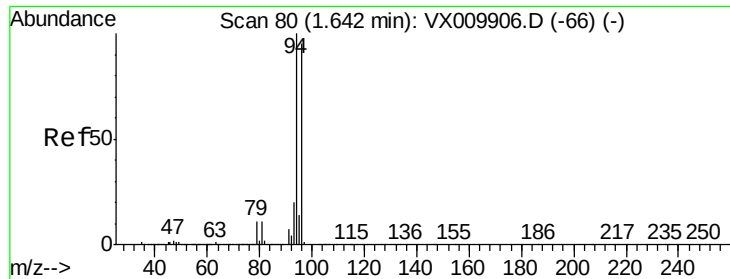
64 29.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.934 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

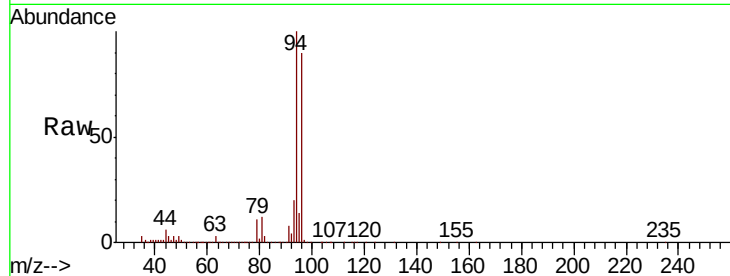
VX0605MBS01

Tgt Ion: 94 Resp: 25312

Ion Ratio Lower Upper

94 100

96 89.7 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

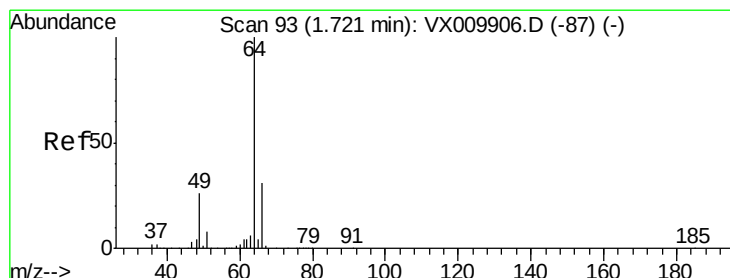
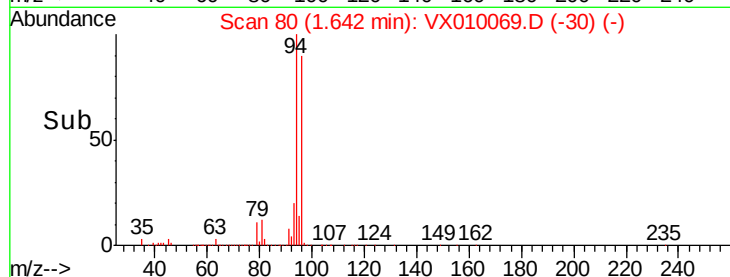
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 18.131 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010069.D

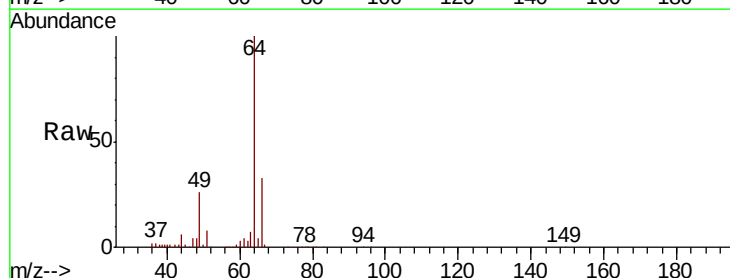
Acq: 05 Jun 2019 12:11

Tgt Ion: 64 Resp: 27535

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

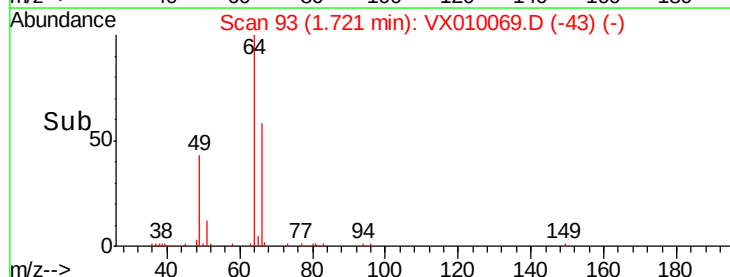
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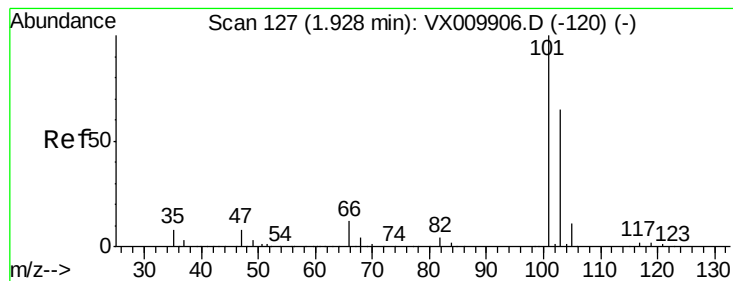
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0

Time-->

1.65 1.70 1.75 1.80



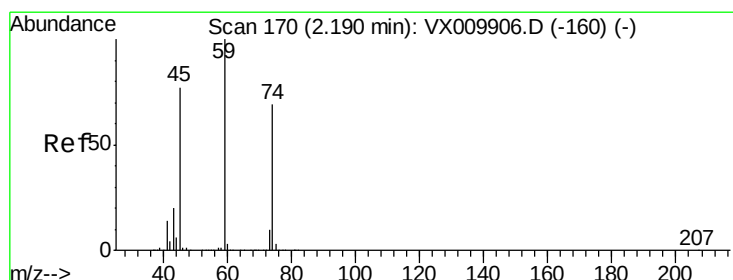
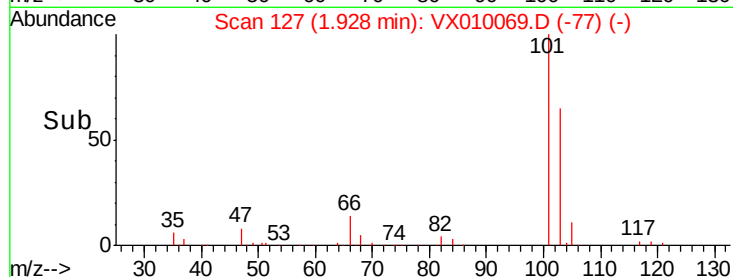
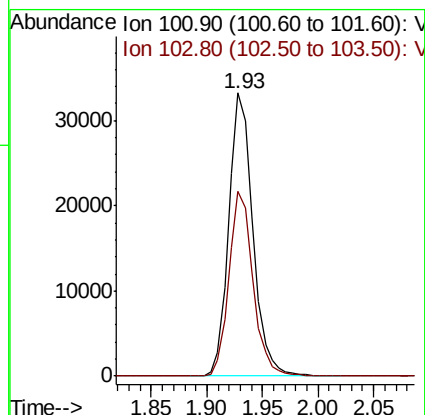
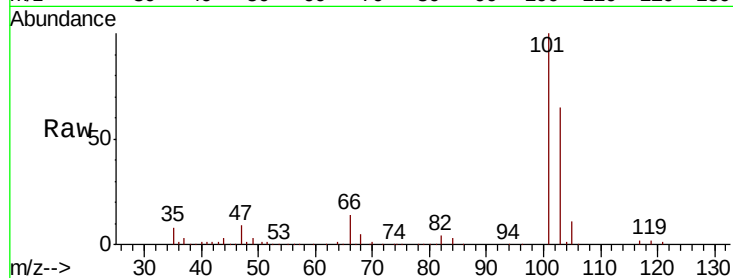


#7

Trichlorofluoromethane
Concen: 18.287 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

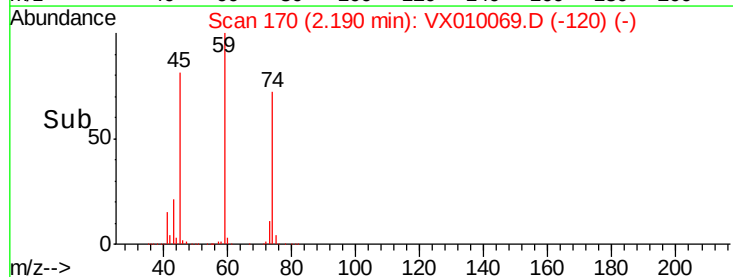
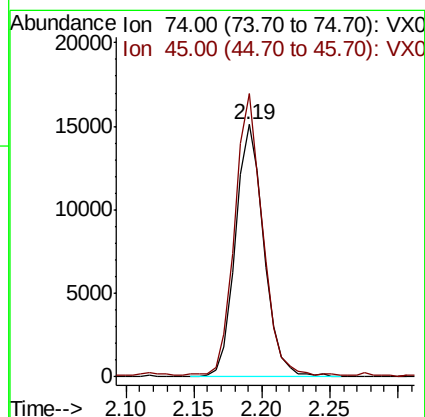
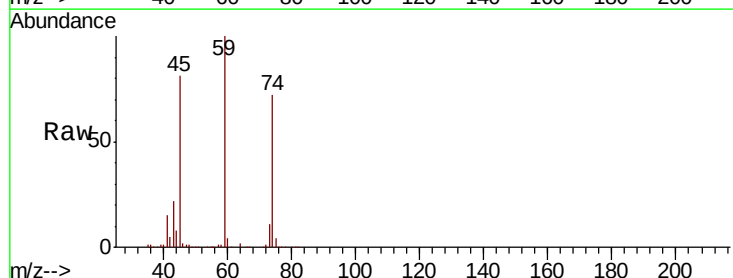
Tgt Ion:101 Resp: 49853
Ion Ratio Lower Upper
101 100
103 65.3 52.4 78.6

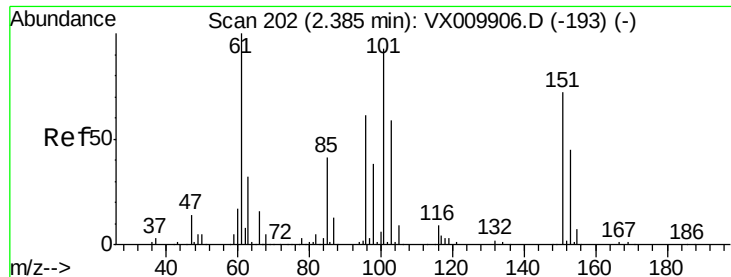


#8

Diethyl Ether
Concen: 17.132 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 74 Resp: 21948
Ion Ratio Lower Upper
74 100
45 108.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.698 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

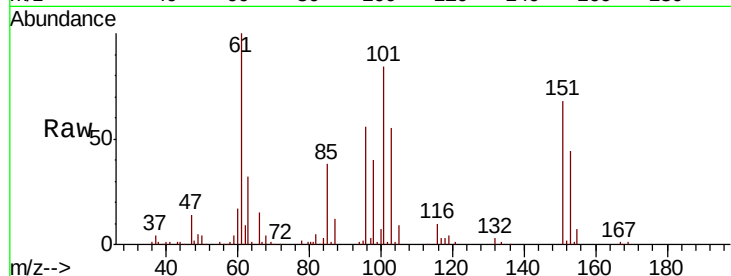
Tgt Ion:101 Resp: 30776

Ion Ratio Lower Upper

101 100

85 45.1 35.7 53.5

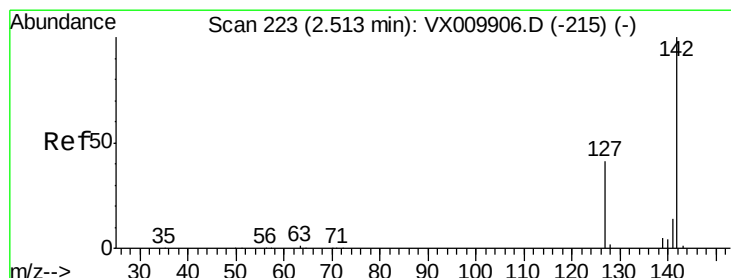
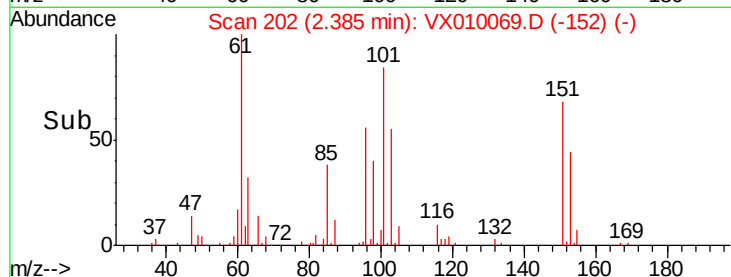
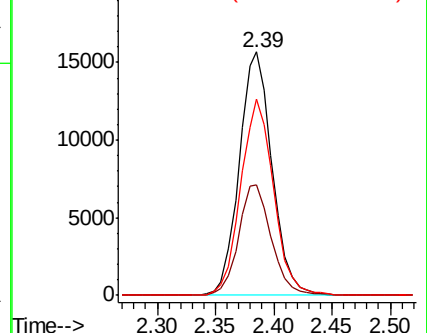
151 80.7 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.896 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

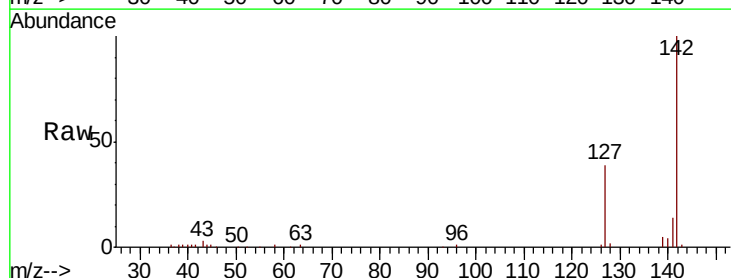
Tgt Ion:142 Resp: 29755

Ion Ratio Lower Upper

142 100

127 39.9 32.7 49.1

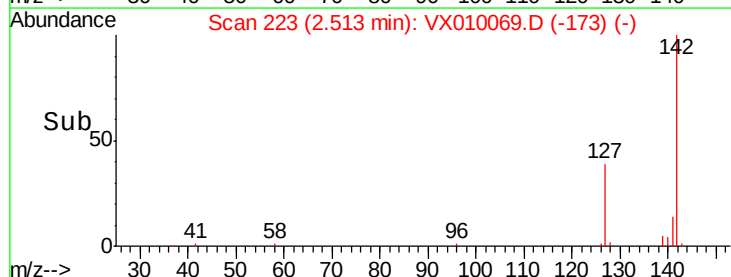
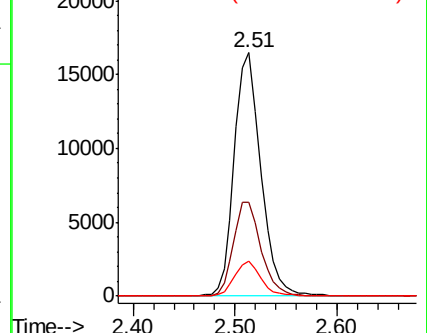
141 14.1 11.5 17.3

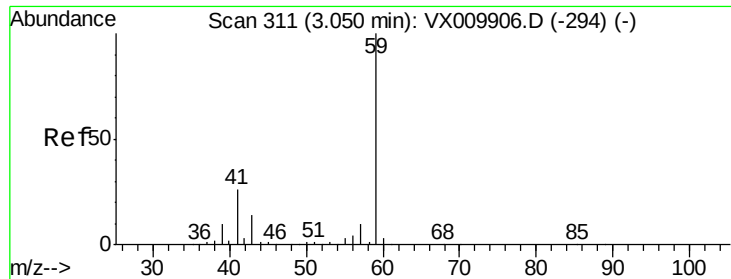


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

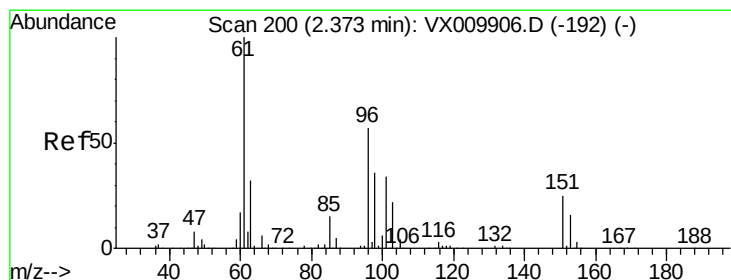
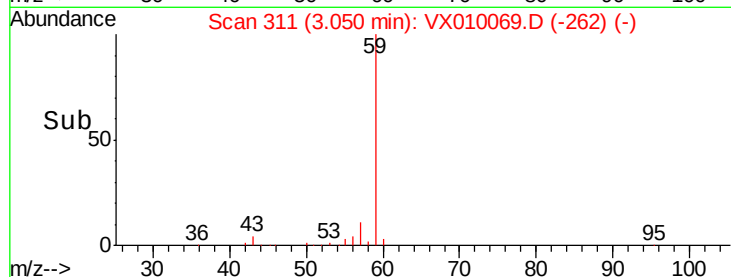
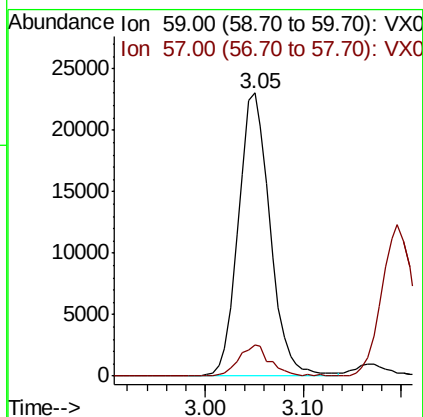
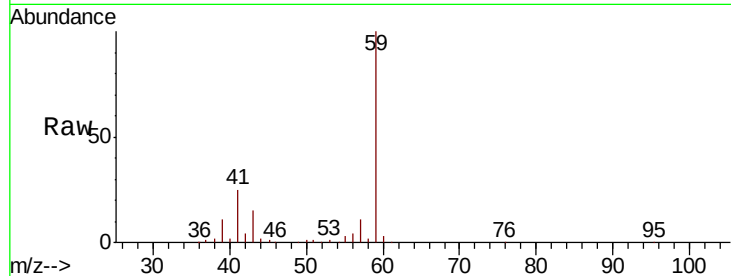




#11
Tert butyl alcohol
Concen: 89.527 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

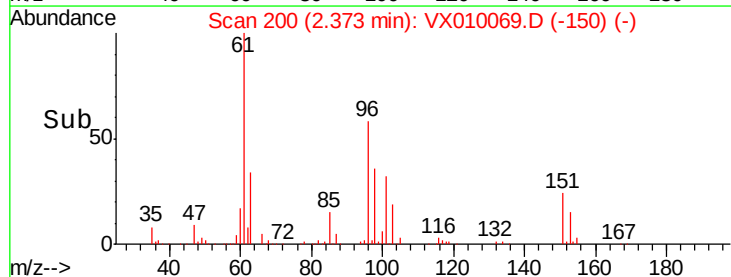
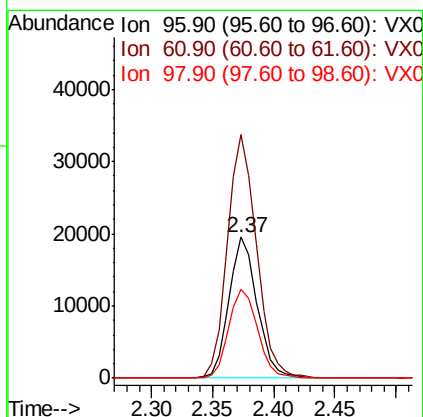
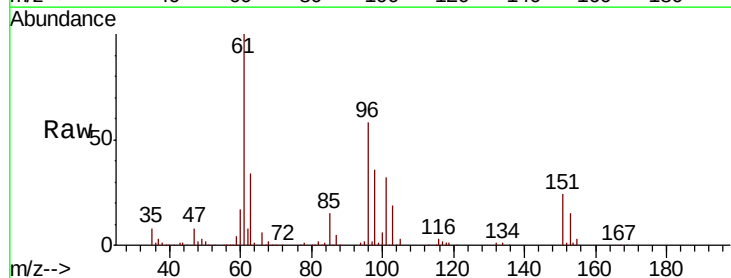
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

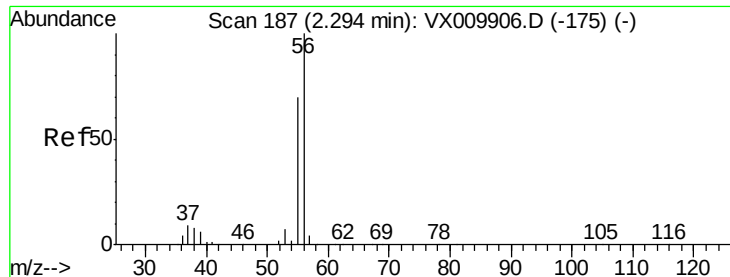
Tgt Ion: 59 Resp: 51847
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.479 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 96 Resp: 31176
Ion Ratio Lower Upper
96 100
61 172.6 144.3 216.5
98 62.6 50.3 75.5





#13

Acrolein

Concen: 82.687 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

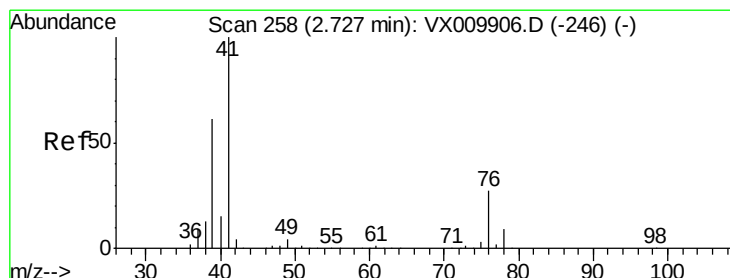
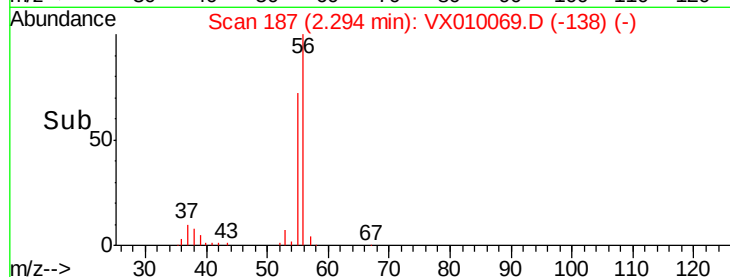
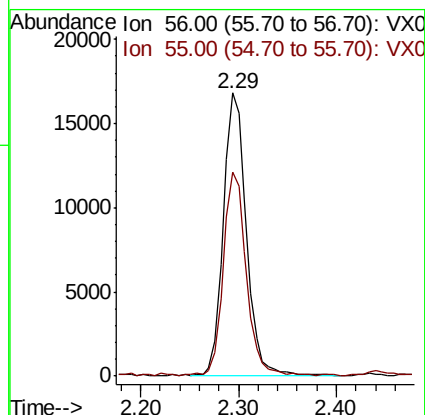
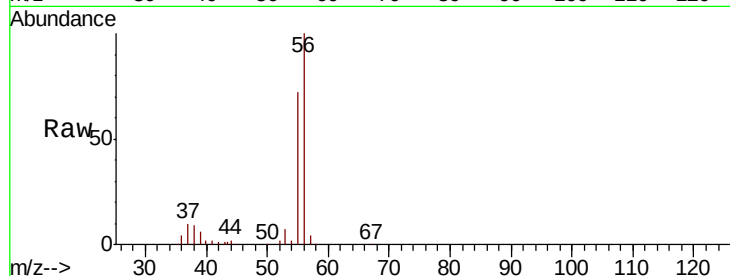
VX0605MBS01

Tgt Ion: 56 Resp: 27613

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



#14

Allyl chloride

Concen: 18.075 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

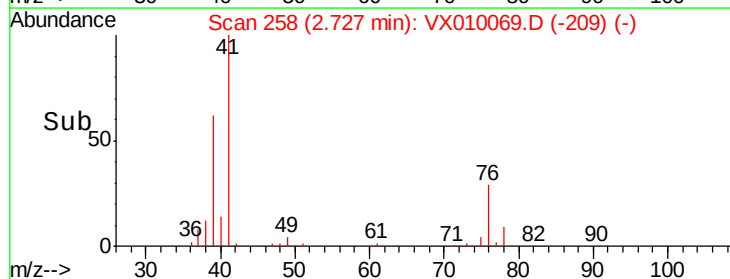
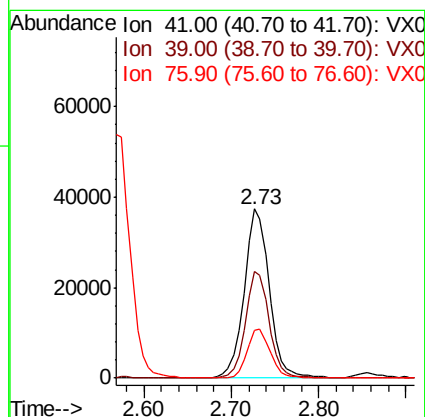
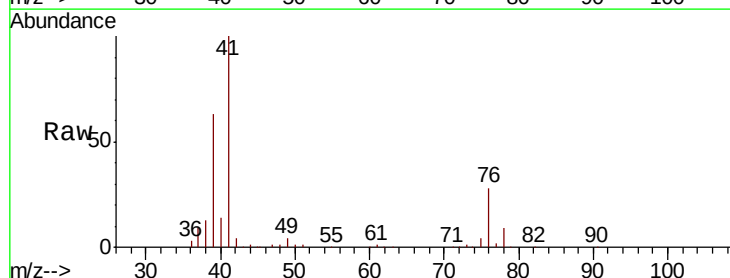
Tgt Ion: 41 Resp: 74116

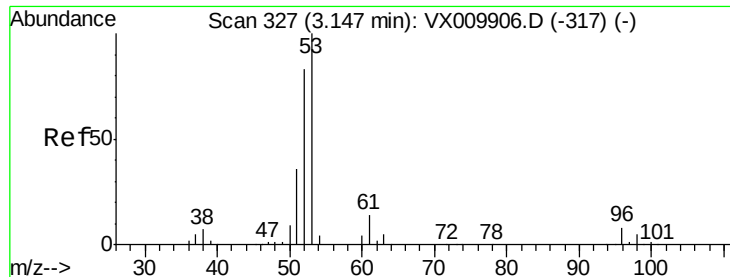
Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

76 26.9 21.8 32.8





#15

Acrylonitrile

Concen: 89.928 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

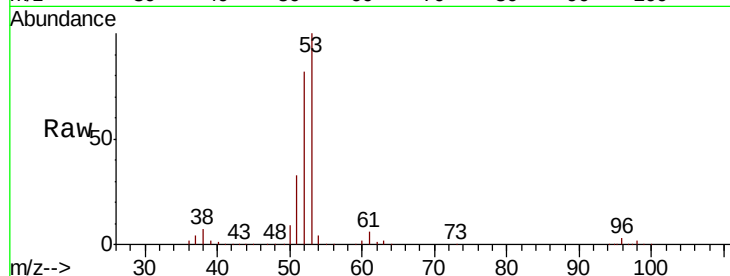
Tgt Ion: 53 Resp: 125484

Ion Ratio Lower Upper

53 100

52 83.8 66.9 100.3

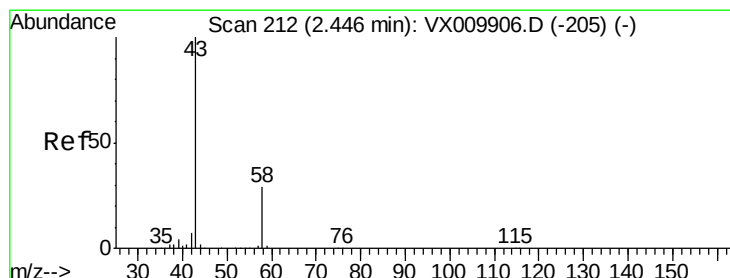
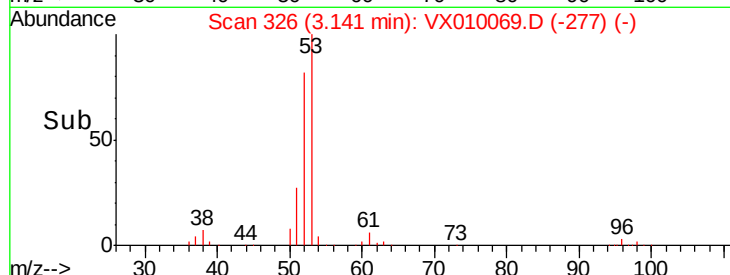
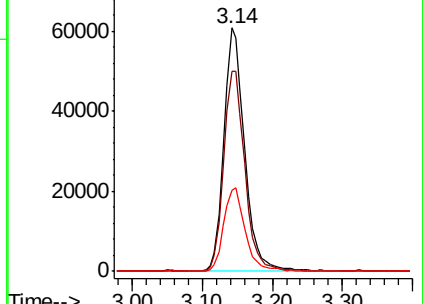
51 35.8 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.047 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010069.D

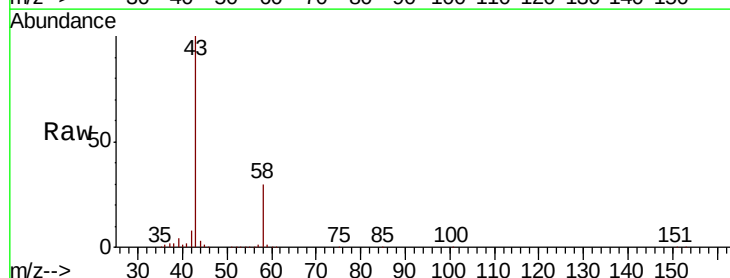
Acq: 05 Jun 2019 12:11

Tgt Ion: 43 Resp: 123790

Ion Ratio Lower Upper

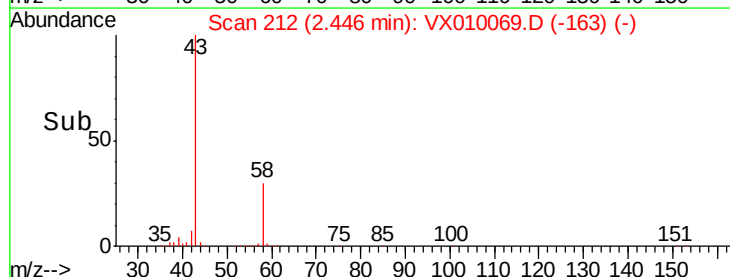
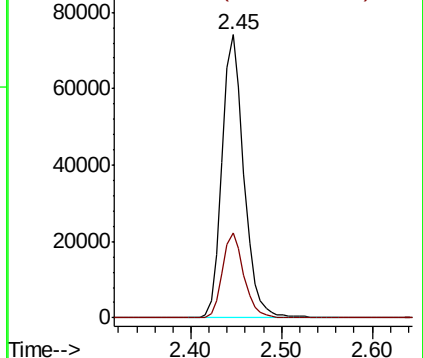
43 100

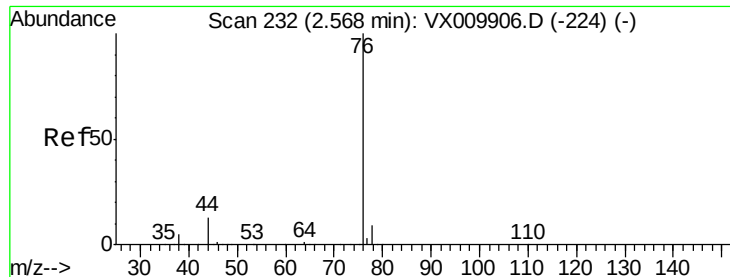
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.773 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

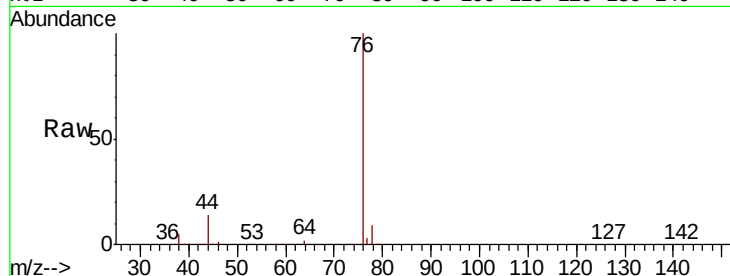
VX0605MBS01

Tgt Ion: 76 Resp: 94664

Ion Ratio Lower Upper

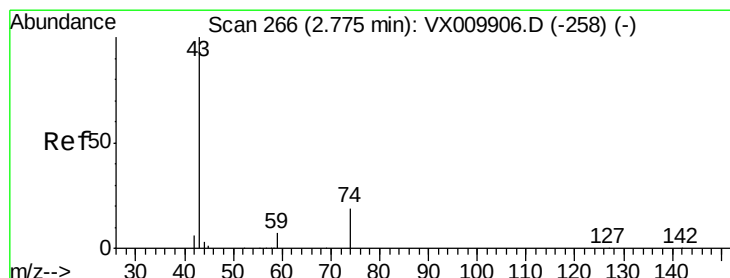
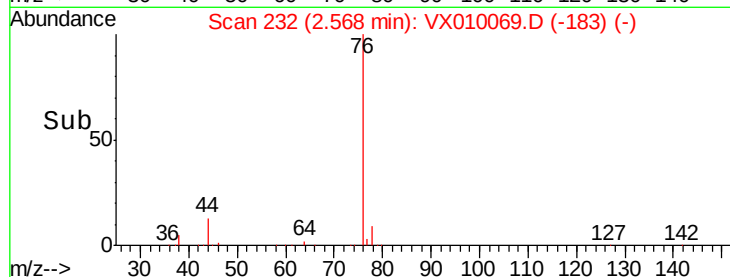
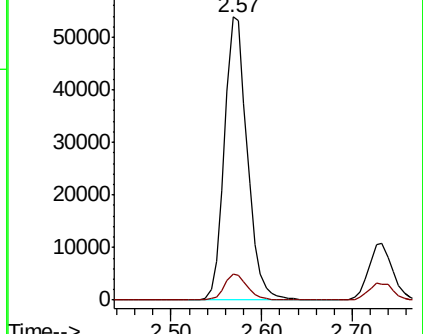
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.496 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010069.D

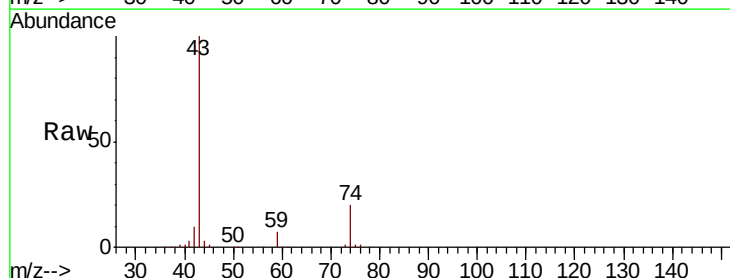
Acq: 05 Jun 2019 12:11

Tgt Ion: 43 Resp: 55352

Ion Ratio Lower Upper

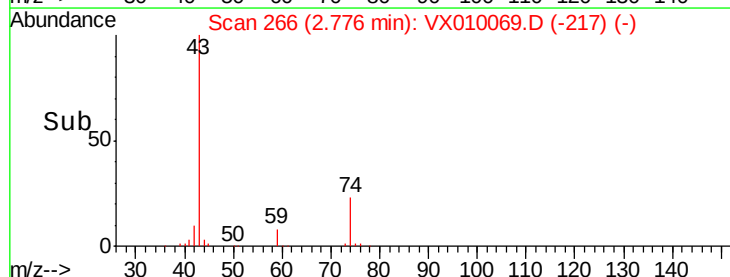
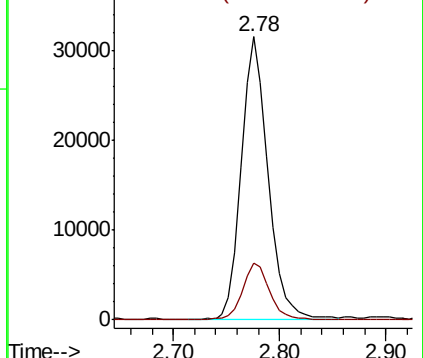
43 100

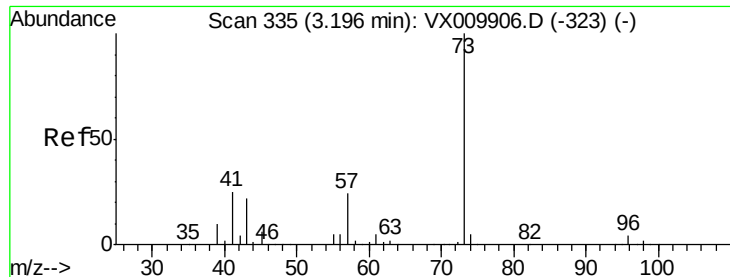
74 20.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

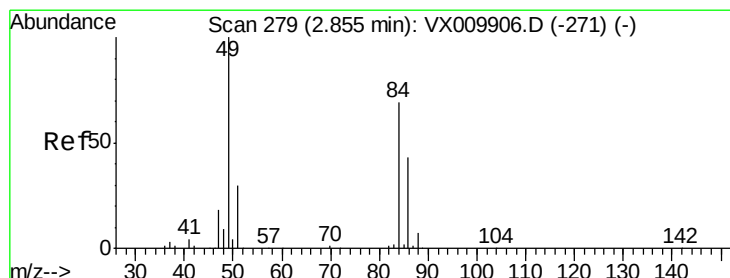
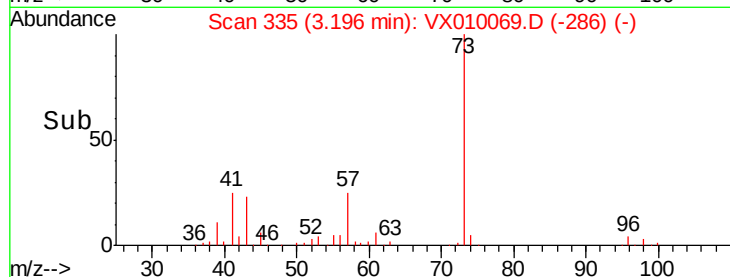
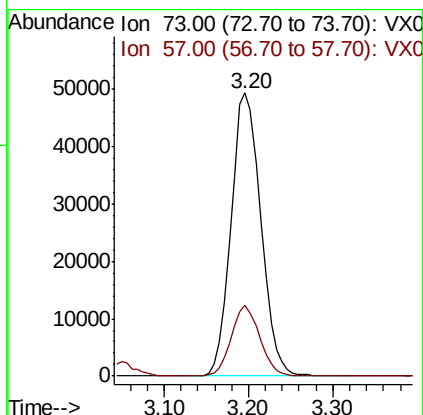
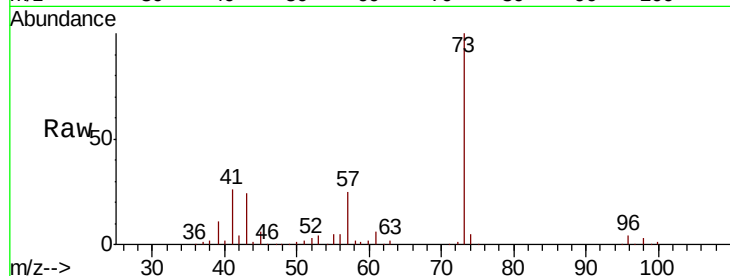




#19
Methyl tert-butyl Ether
Concen: 18.493 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

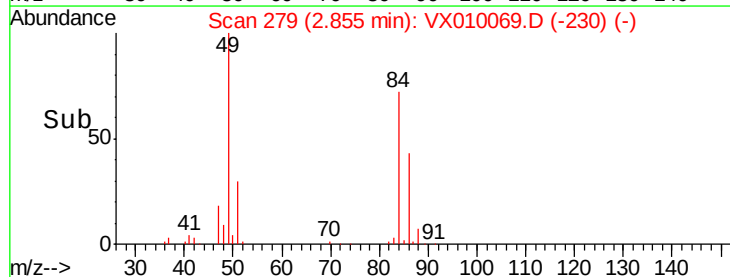
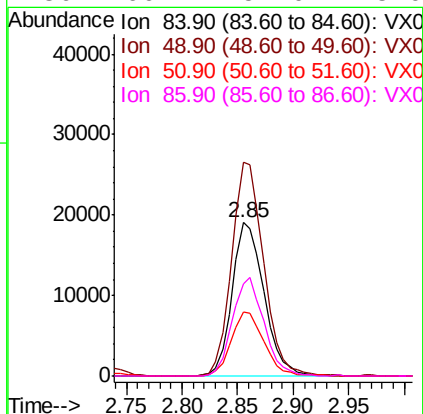
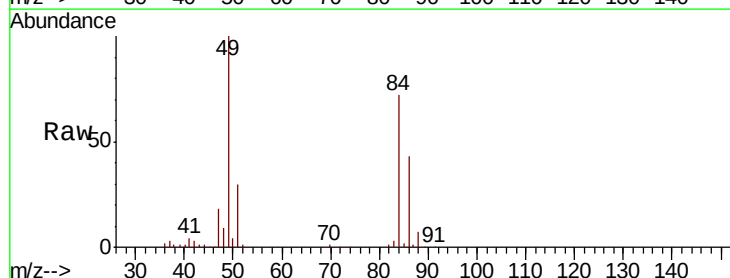
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

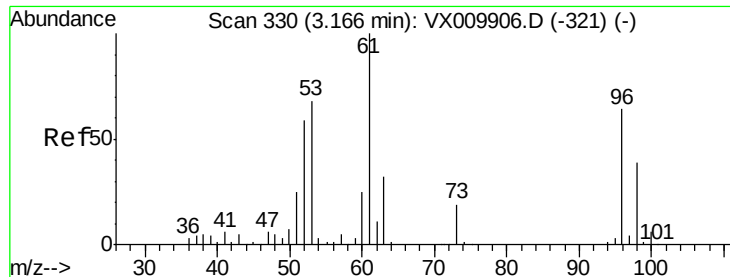
Tgt Ion: 73 Resp: 117788
Ion Ratio Lower Upper
73 100
57 25.1 19.3 28.9



#20
Methylene Chloride
Concen: 18.152 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 84 Resp: 37795
Ion Ratio Lower Upper
84 100
49 139.1 109.9 164.9
51 41.3 32.7 49.1
86 60.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.324 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

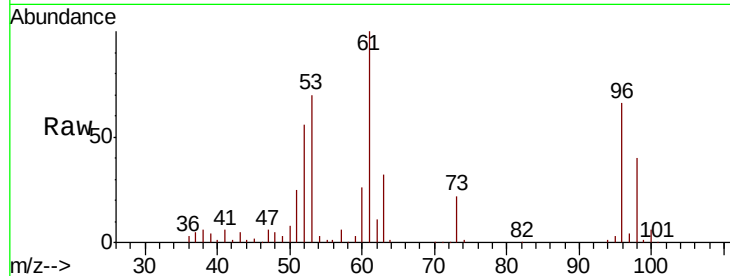
Tgt Ion: 96 Resp: 34398

Ion Ratio Lower Upper

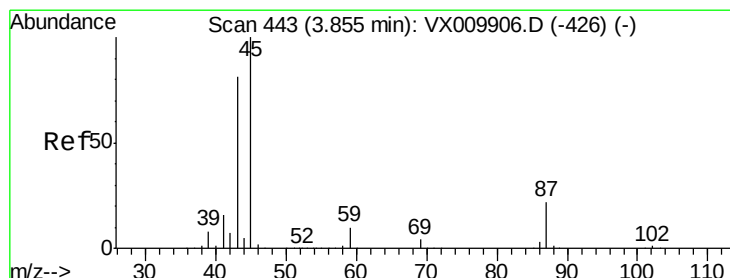
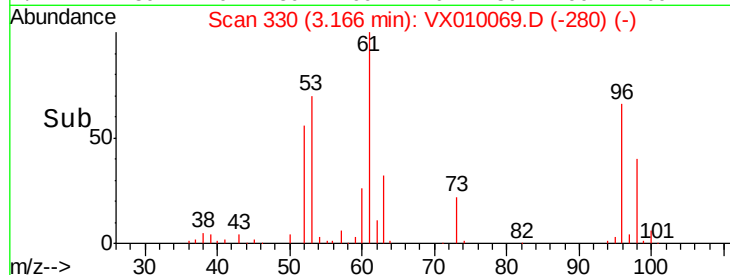
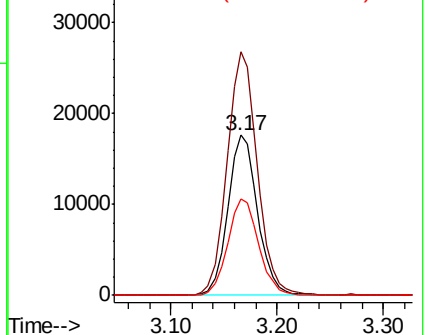
96 100

61 152.0 124.5 186.7

98 60.4 50.4 75.6



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



#22

Diisopropyl ether

Concen: 18.398 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Tgt Ion: 45 Resp: 143537

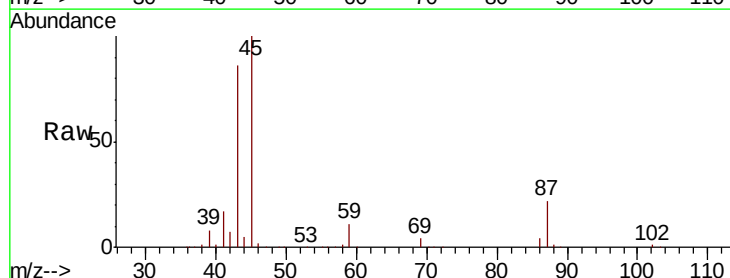
Ion Ratio Lower Upper

45 100

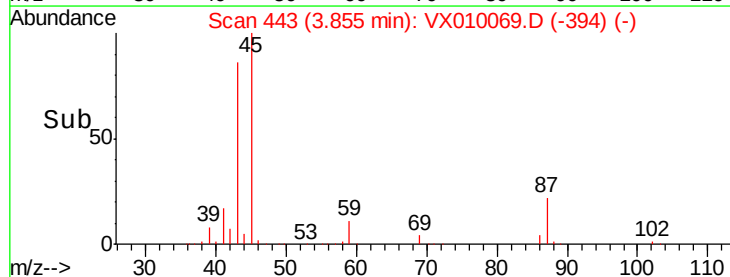
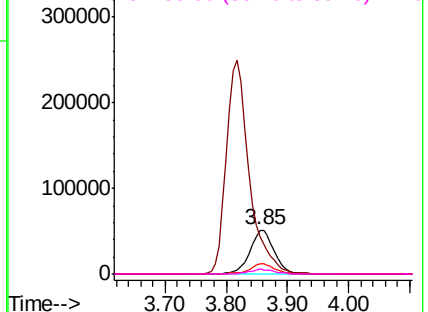
43 85.6 56.1 84.1#

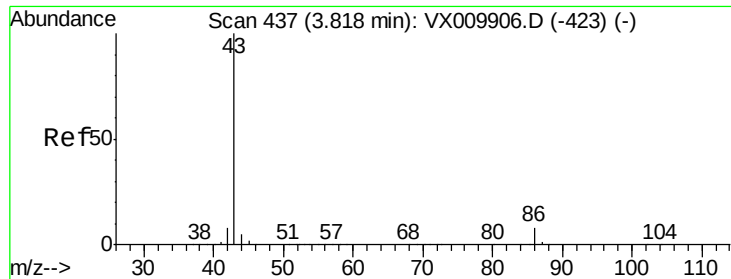
87 22.2 18.1 27.1

59 10.5 8.5 12.7



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





#23

Vinyl Acetate

Concen: 91.800 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

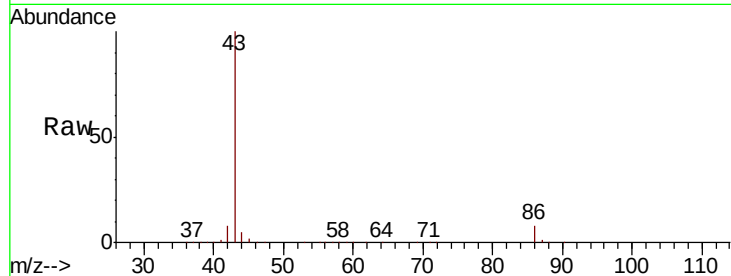
VX0605MBS01

Tgt Ion: 43 Resp: 643411

Ion Ratio Lower Upper

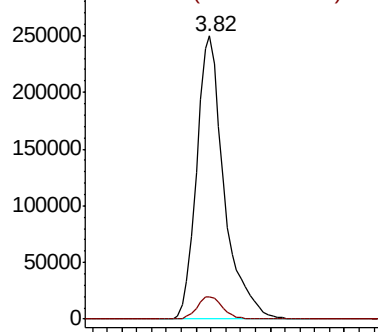
43 100

86 8.0 6.9 10.3

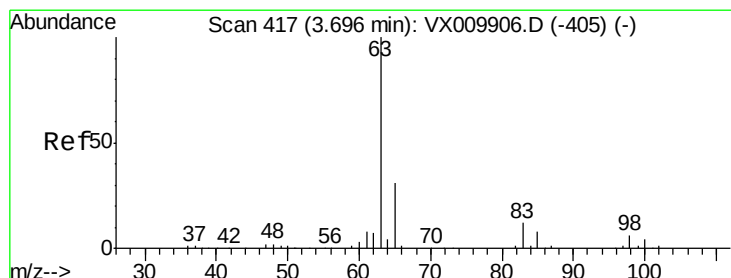
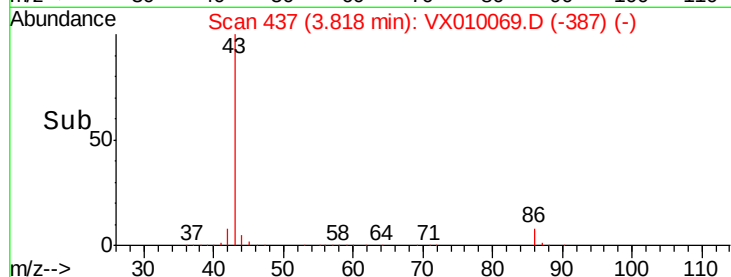


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.449 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

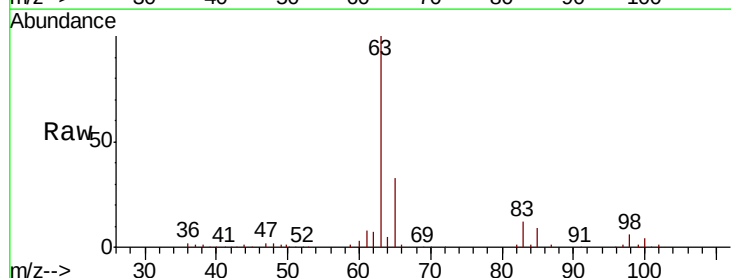
Tgt Ion: 63 Resp: 69756

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

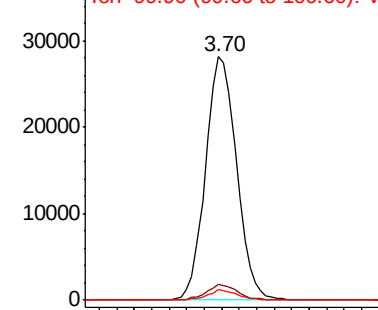
100 4.5 2.0 6.0



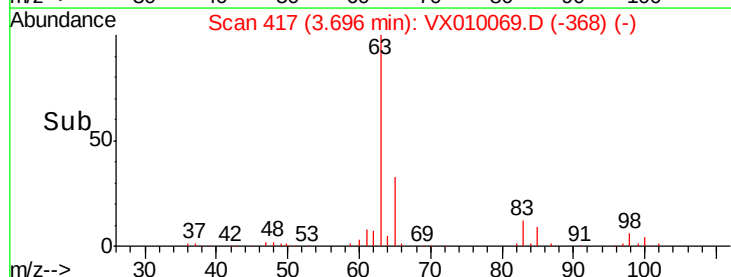
Abundance Ion 62.90 (62.60 to 63.60): VX0

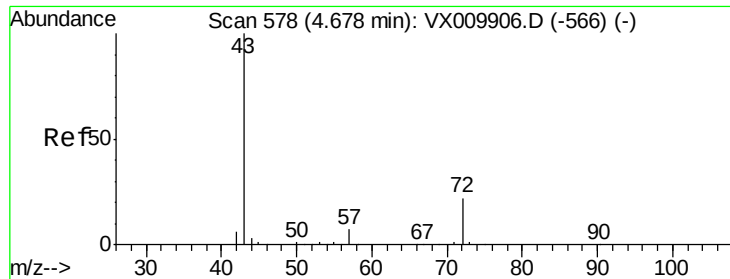
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 90.655 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

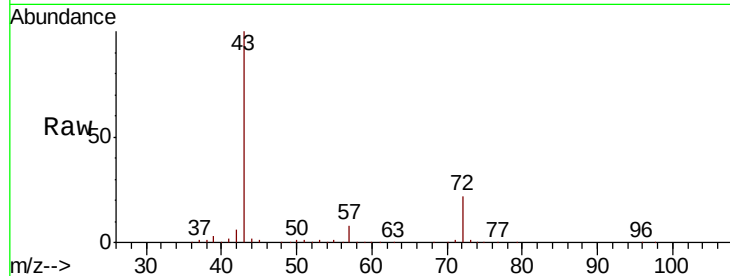
VX0605MBS01

Tgt Ion: 43 Resp: 192033

Ion Ratio Lower Upper

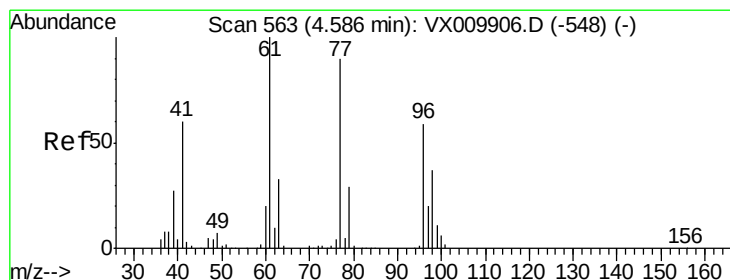
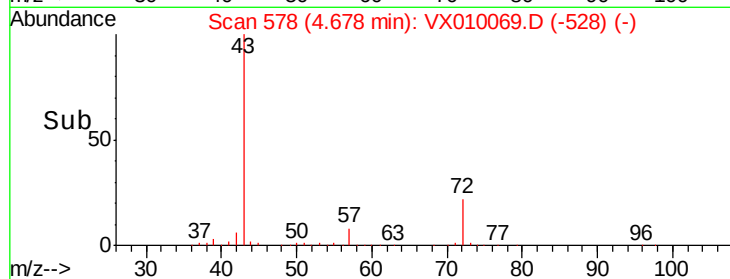
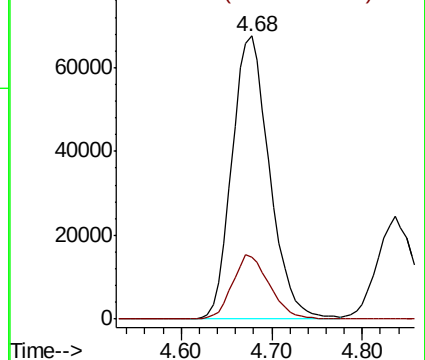
43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.031 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010069.D

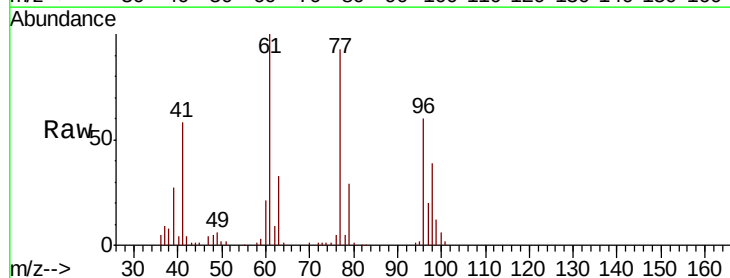
Acq: 05 Jun 2019 12:11

Tgt Ion: 77 Resp: 51570

Ion Ratio Lower Upper

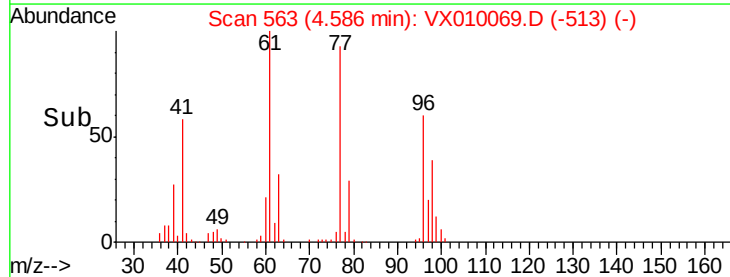
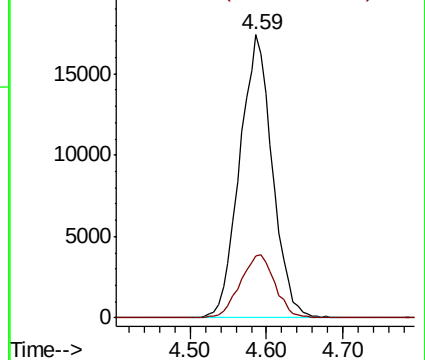
77 100

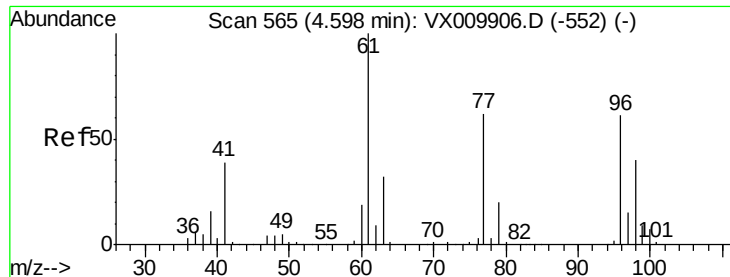
97 23.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



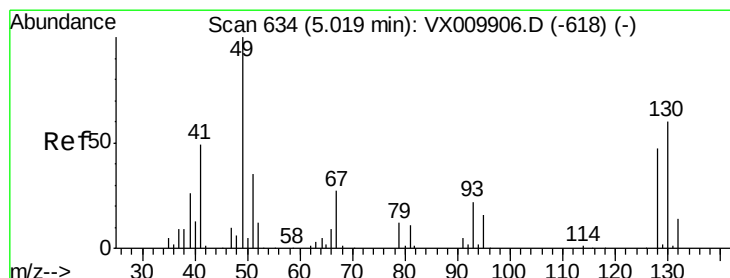
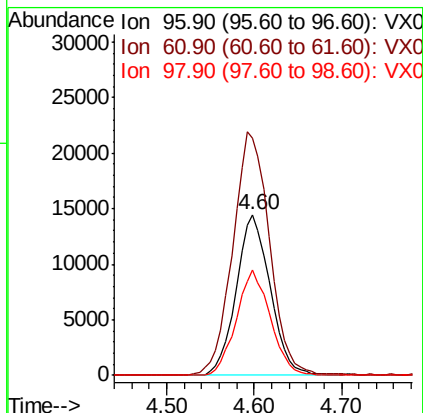
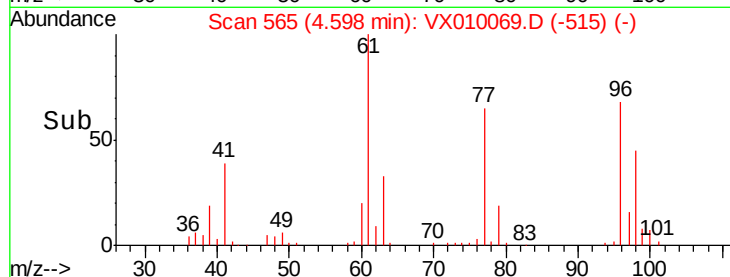
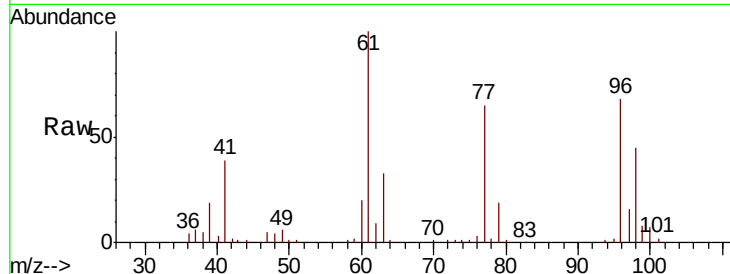


#27

cis-1,2-Dichloroethene
Concen: 18.091 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

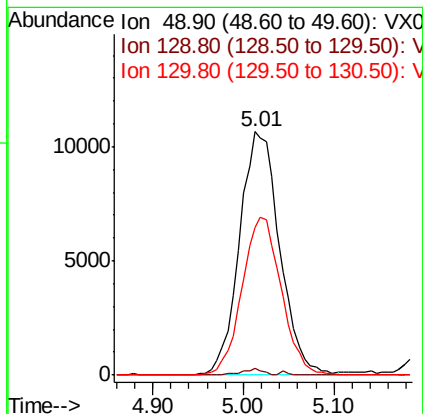
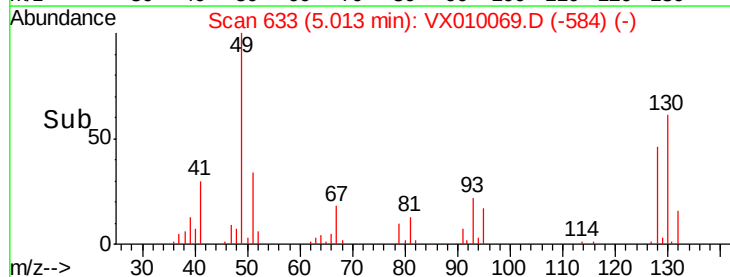
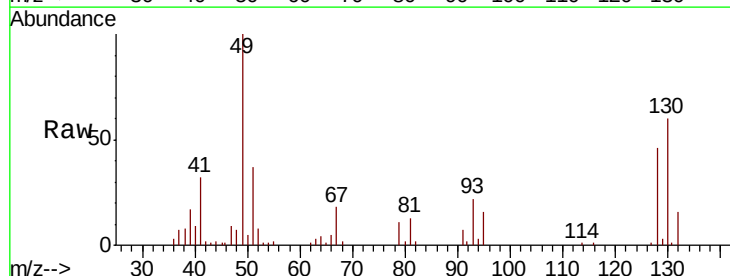
Tgt Ion: 96 Resp: 39201
Ion Ratio Lower Upper
96 100
61 163.3 0.0 324.0
98 65.6 0.0 130.4

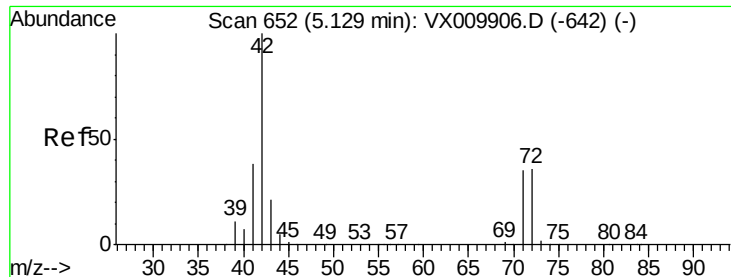


#28

Bromochloromethane
Concen: 16.730 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 49 Resp: 32826
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.8
130 63.0 51.2 76.8





#29

Tetrahydrofuran

Concen: 90.057 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

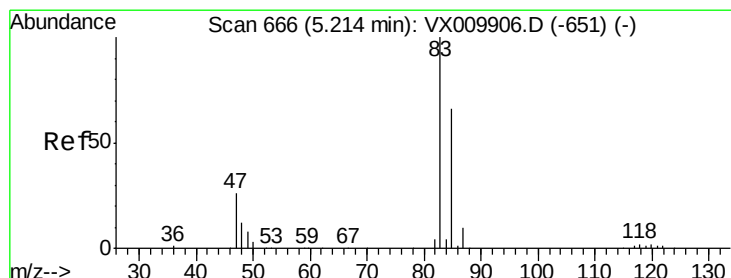
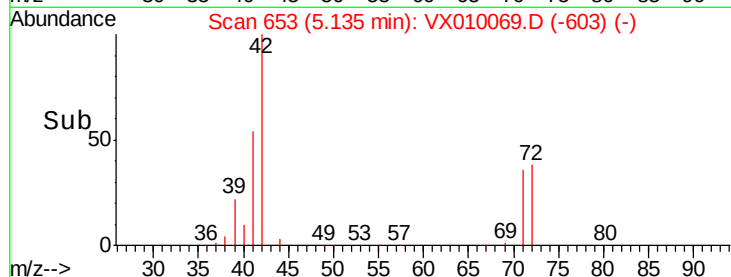
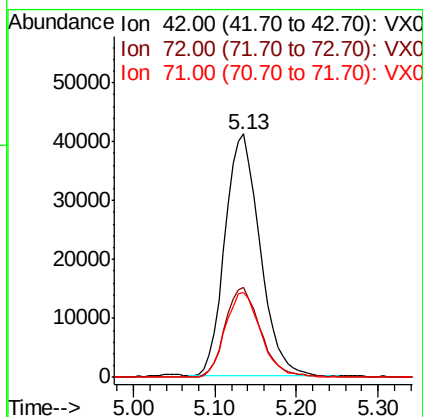
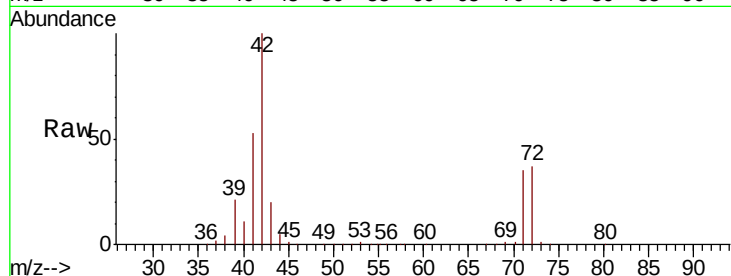
Tgt Ion: 42 Resp: 122330

Ion Ratio Lower Upper

42 100

72 37.9 30.4 45.6

71 35.9 28.6 43.0



#30

Chloroform

Concen: 18.651 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010069.D

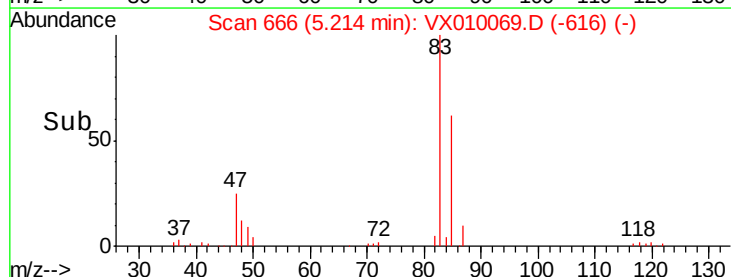
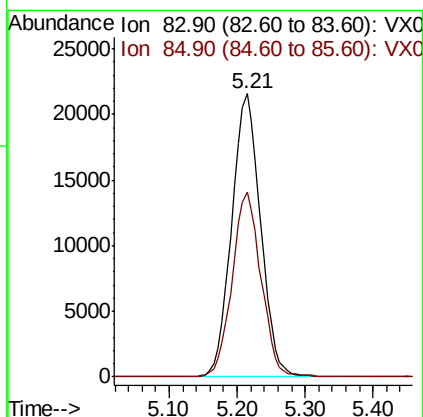
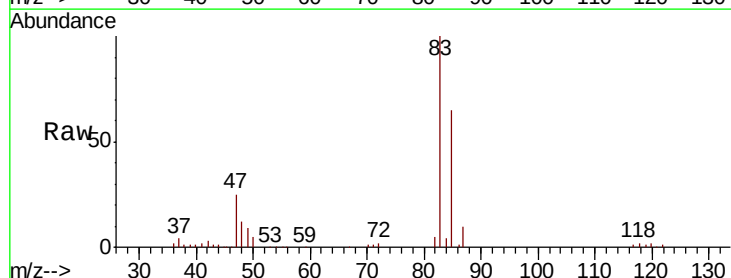
Acq: 05 Jun 2019 12:11

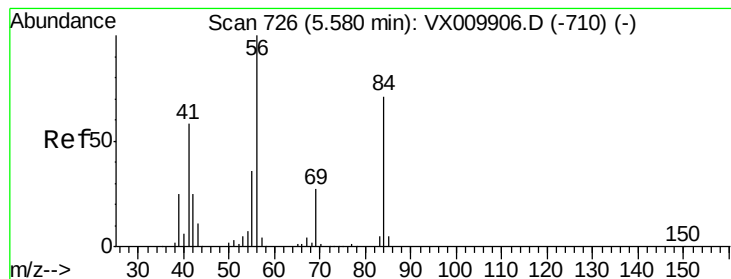
Tgt Ion: 83 Resp: 63599

Ion Ratio Lower Upper

83 100

85 65.4 51.5 77.3





#31

Cyclohexane

Concen: 19.374 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

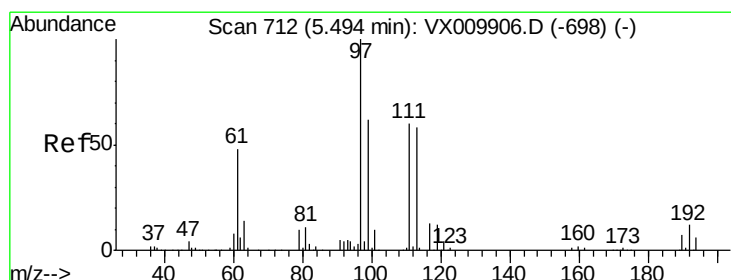
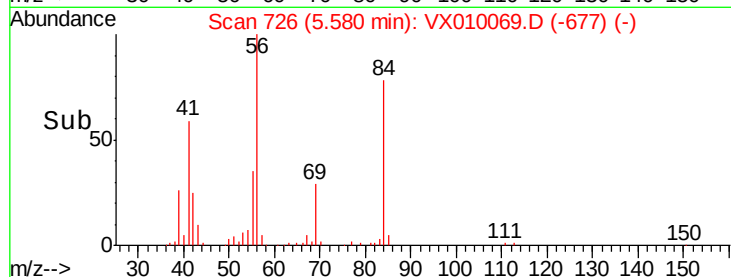
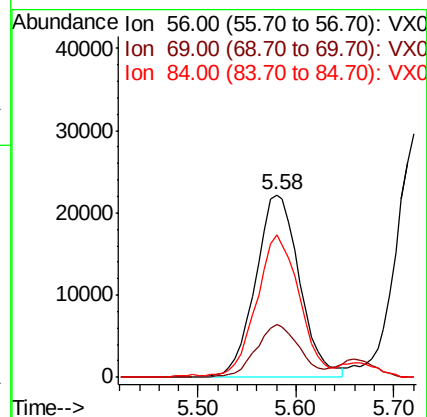
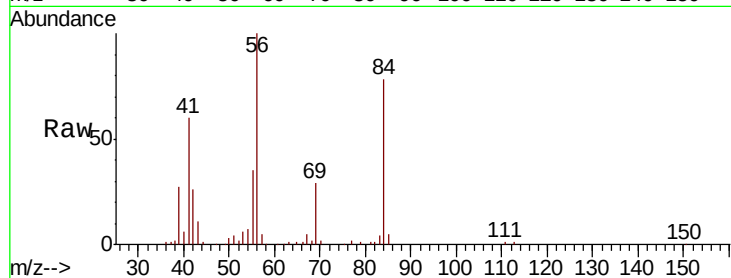
Tgt Ion: 56 Resp: 69378

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 76.8 61.9 92.9



#32

1,1,1-Trichloroethane

Concen: 19.062 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

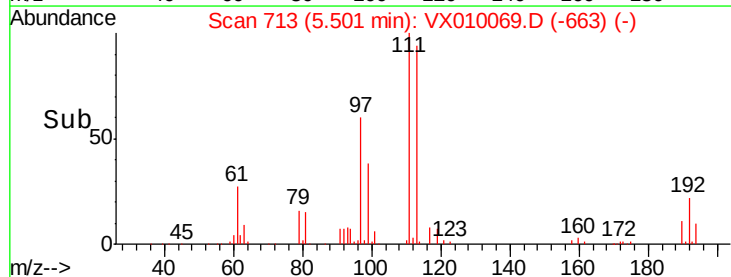
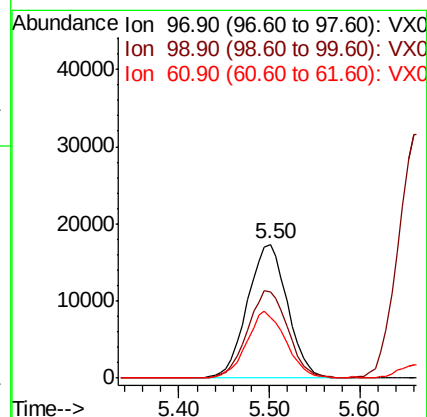
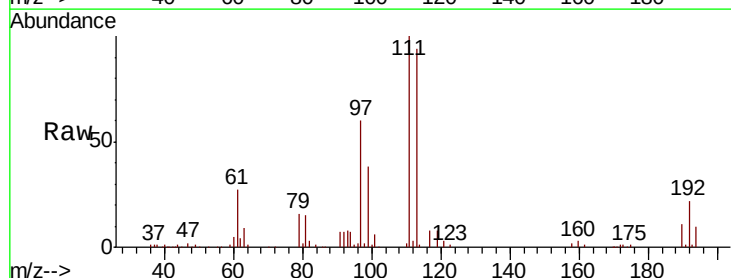
Tgt Ion: 97 Resp: 52935

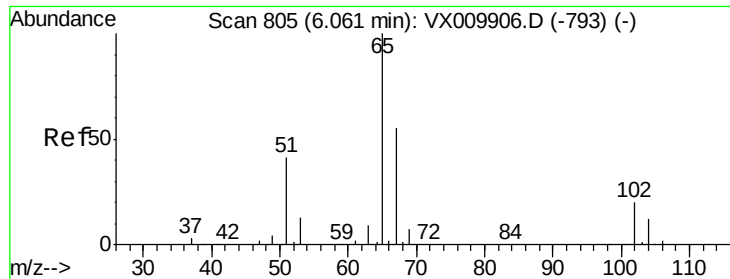
Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.8

61 49.0 37.8 56.8

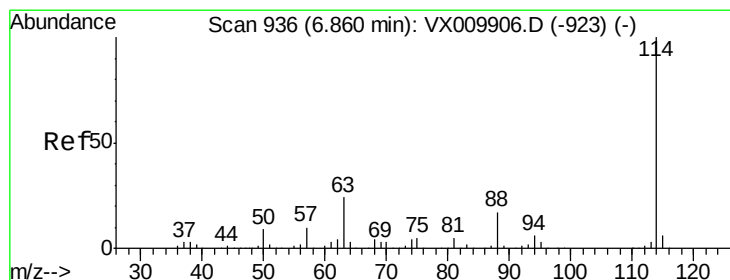
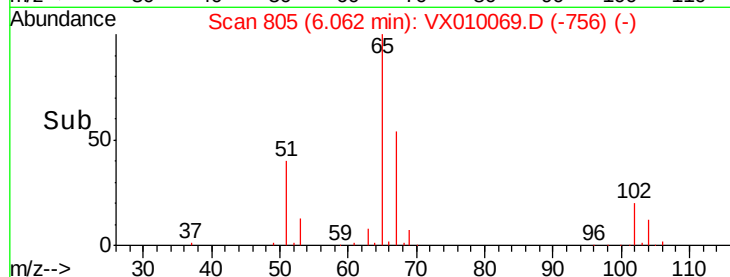
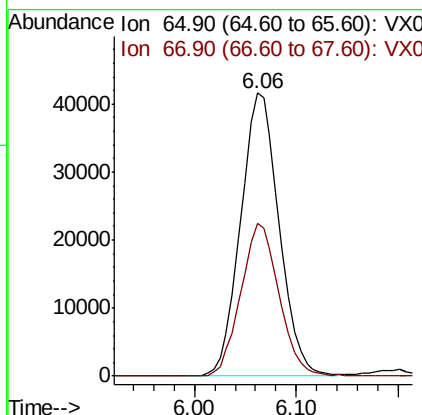
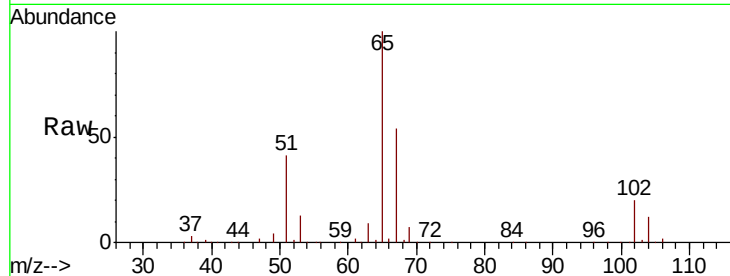




#33
 1,2-Dichloroethane-d4
 Concen: 46.317 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

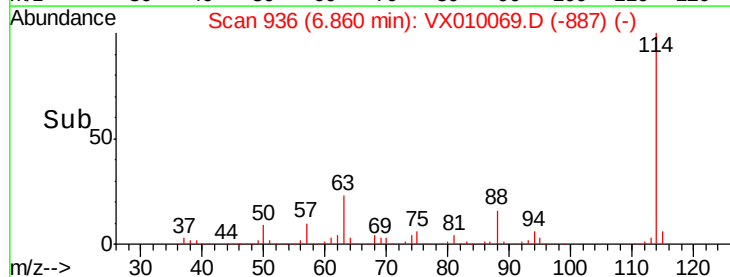
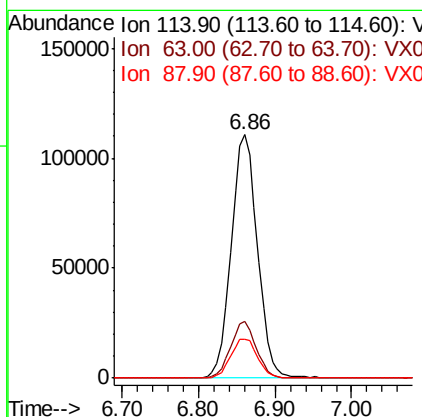
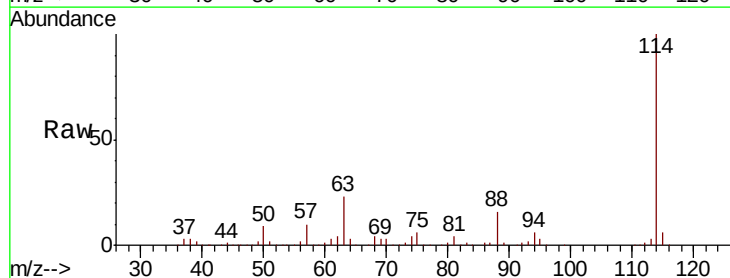
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

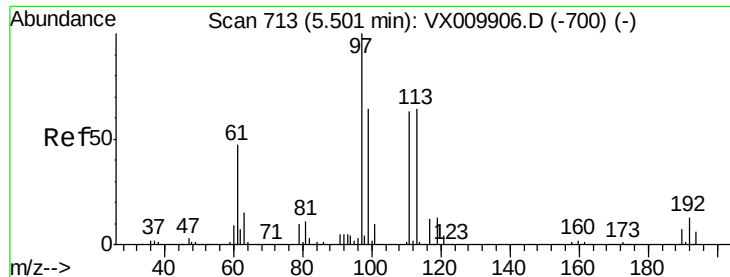
Tgt Ion: 65 Resp: 108993
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 114 Resp: 262028
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 16.2 0.0 33.2

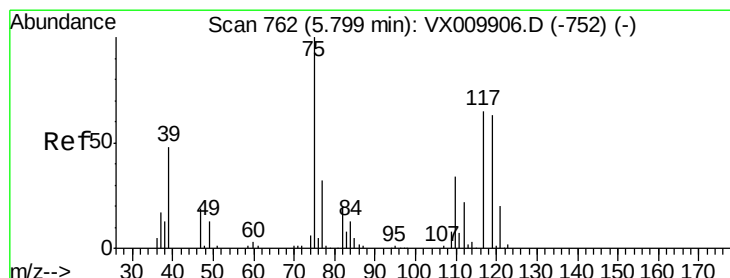
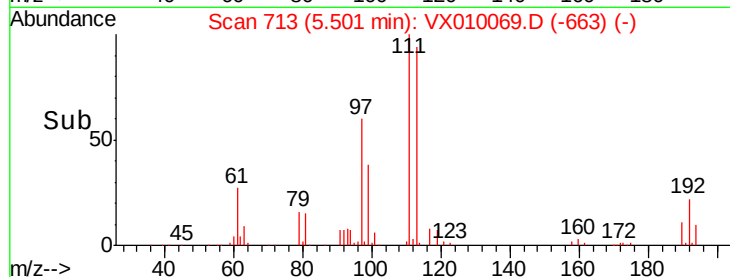
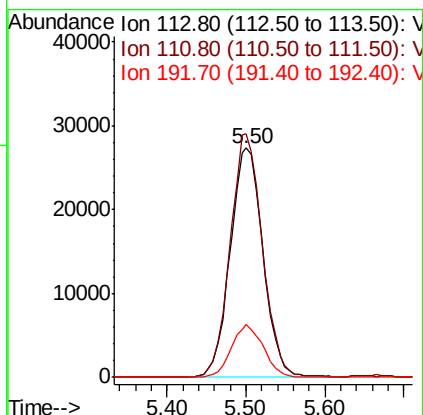
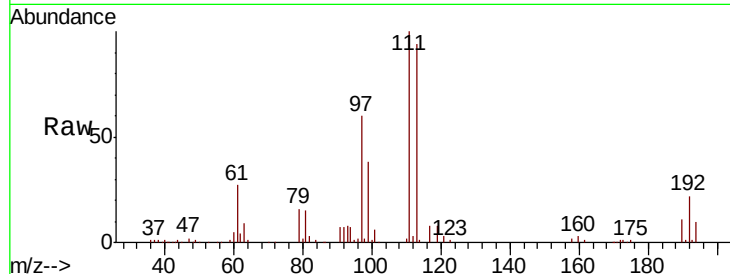




#35
 Dibromofluoromethane
 Concen: 47.988 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

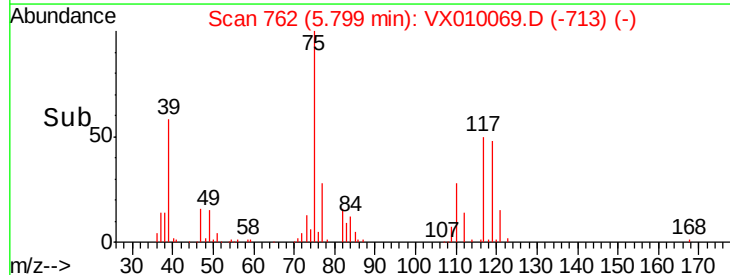
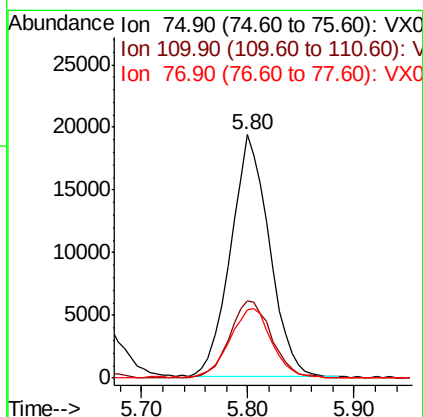
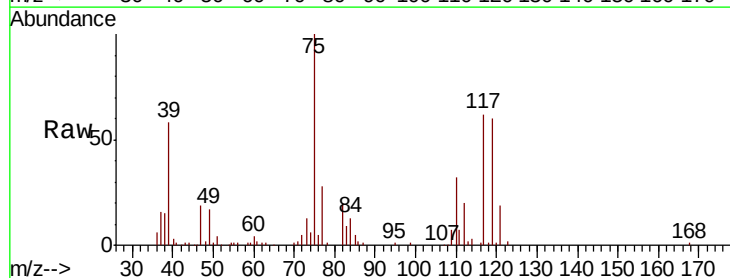
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

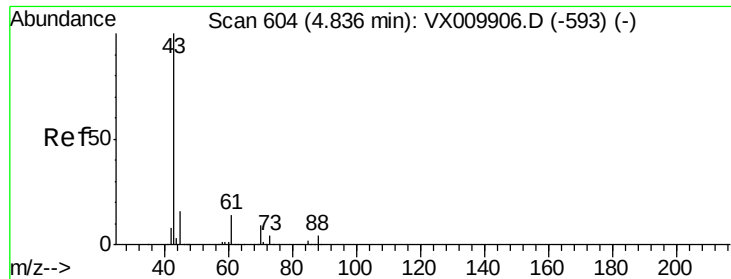
Tgt Ion: 113 Resp: 79054
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.8 124.2
 192 22.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.536 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 75 Resp: 49279
 Ion Ratio Lower Upper
 75 100
 110 34.8 16.9 50.6
 77 31.4 24.8 37.2

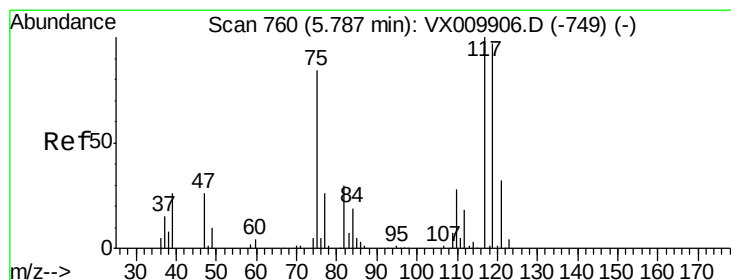
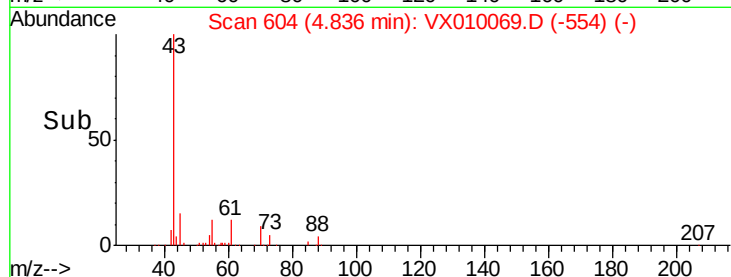
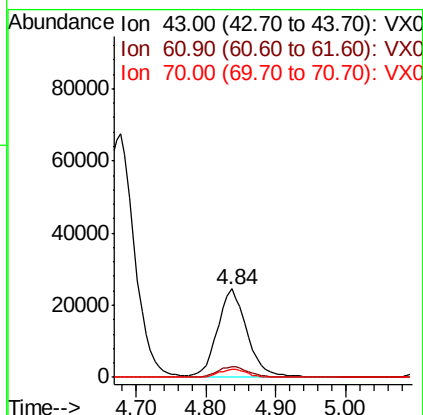
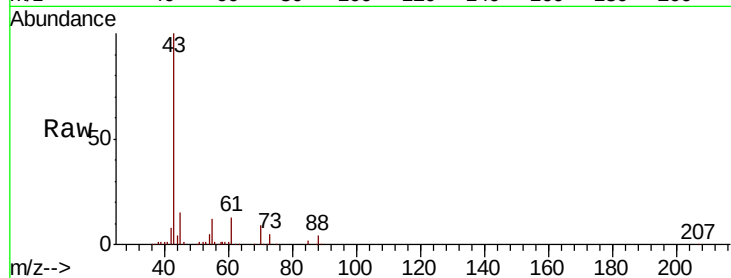




#37
Ethyl Acetate
Concen: 19.137 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

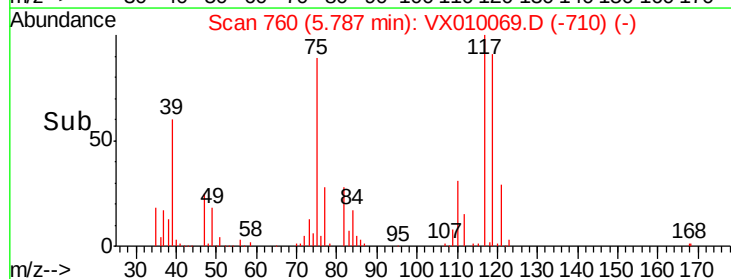
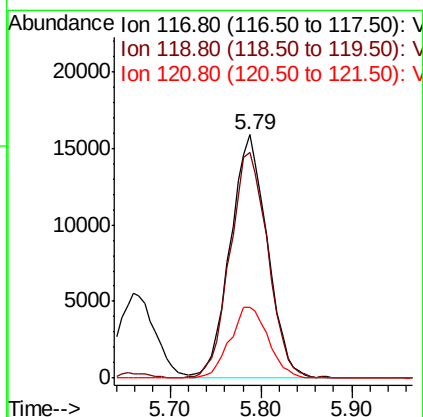
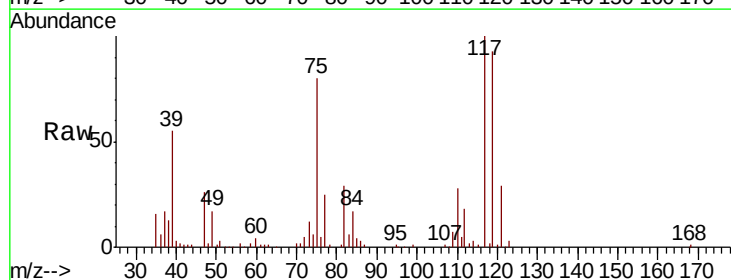
Instrument :
MSVOA_X
ClientSampled :
VX0605MBS01

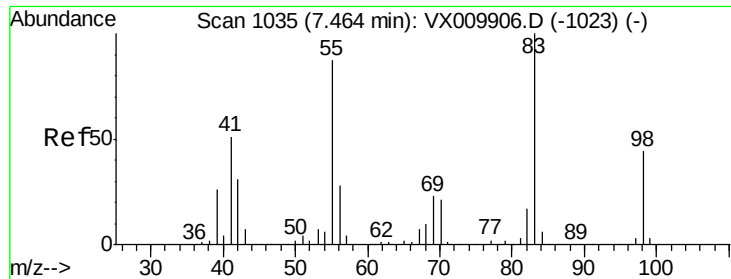
Tgt Ion: 43 Resp: 70892
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.593 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 117 Resp: 45012
Ion Ratio Lower Upper
117 100
119 92.6 77.5 116.3
121 29.2 24.7 37.1

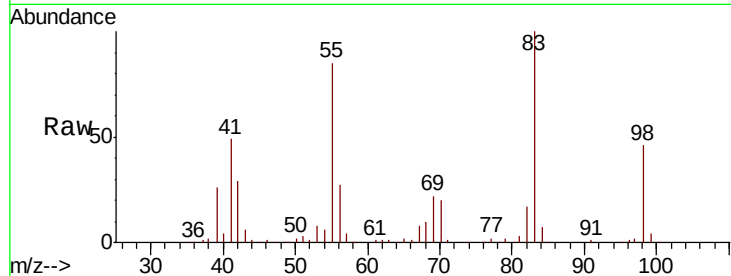




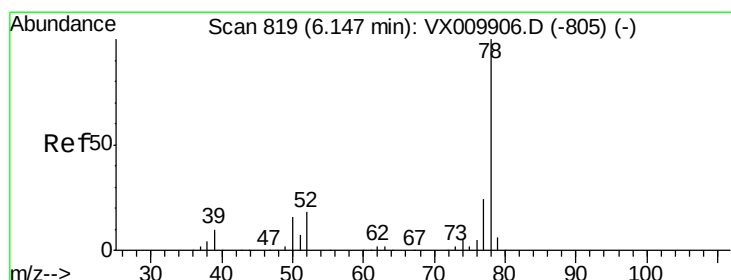
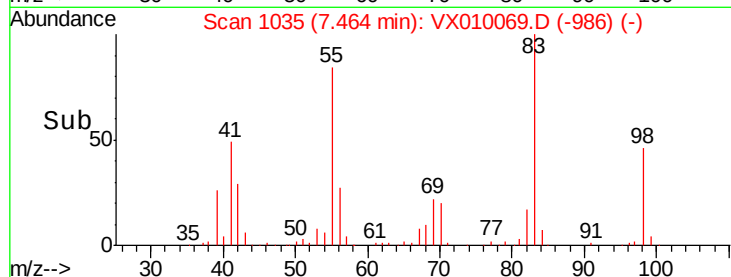
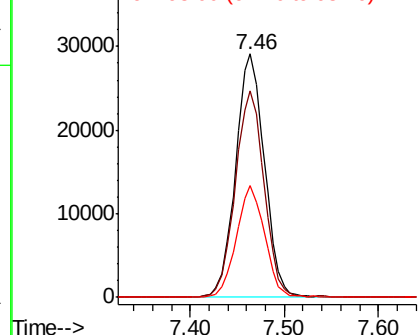
#39
Methylcyclohexane
Concen: 19.622 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

Tgt Ion: 83 Resp: 61879
Ion Ratio Lower Upper
83 100
55 84.6 67.7 101.5
98 46.0 35.5 53.3

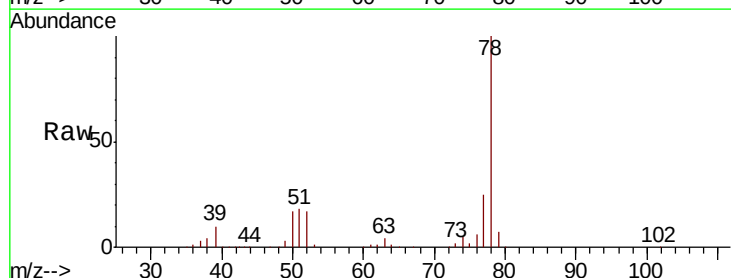


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

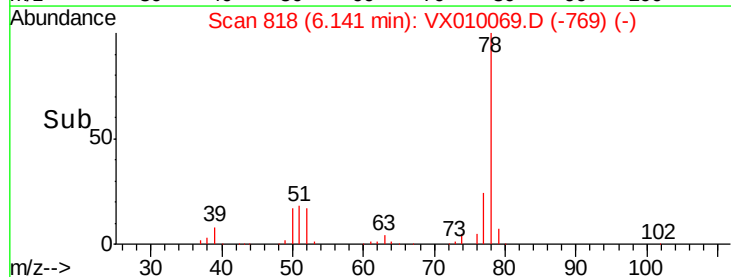
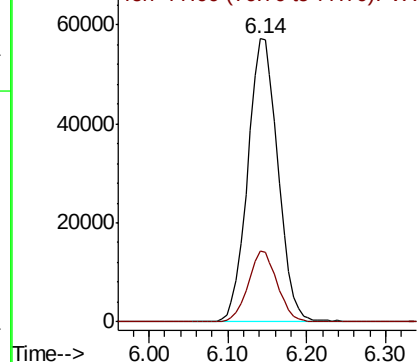


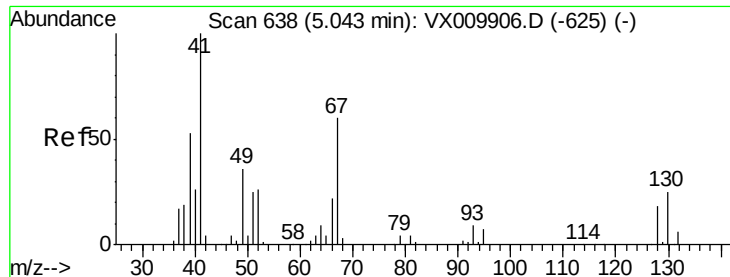
#40
Benzene
Concen: 19.262 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 78 Resp: 151909
Ion Ratio Lower Upper
78 100
77 25.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

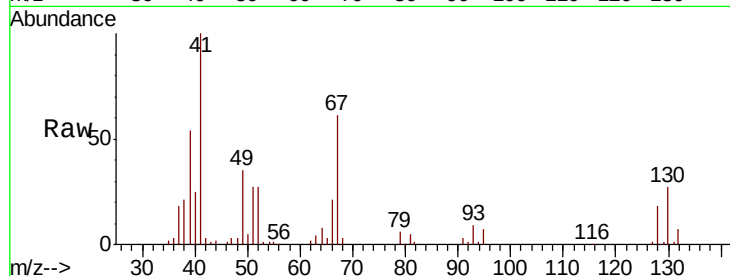




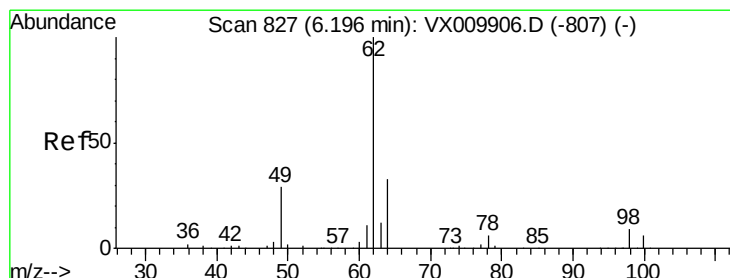
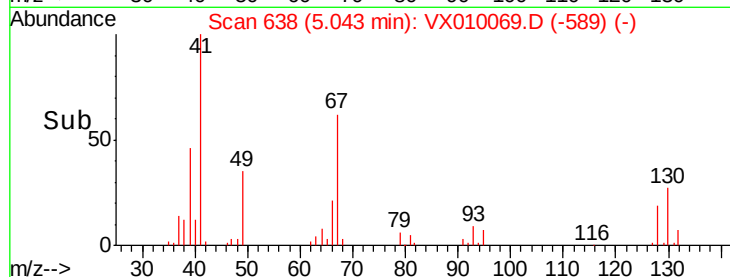
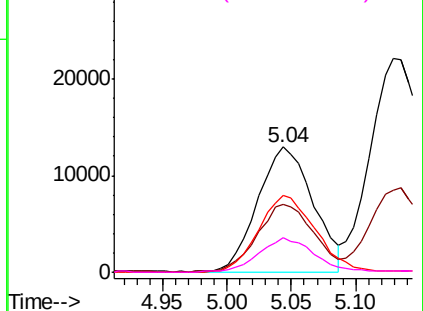
#41
Methacrylonitrile
Concen: 17.756 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

Tgt Ion:	41	Resp:	38434
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.0	63.0
67	64.0	49.8	74.8
52	28.6	20.3	30.5

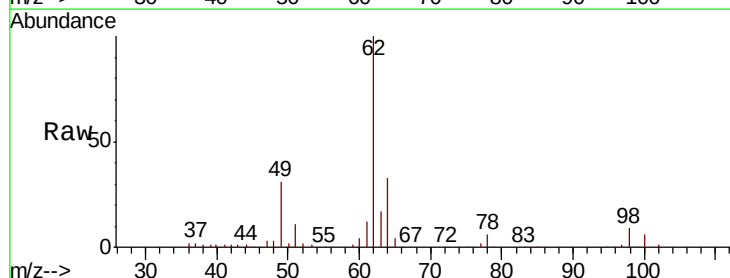


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

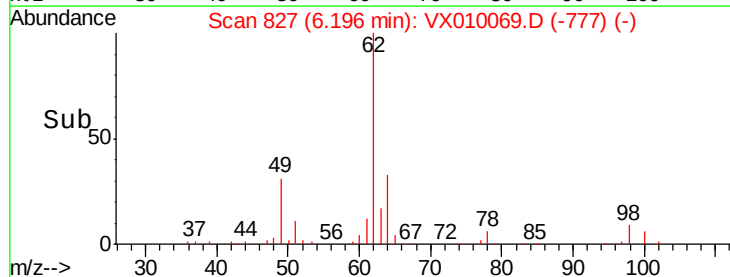
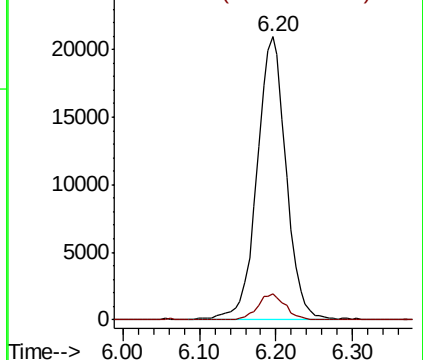


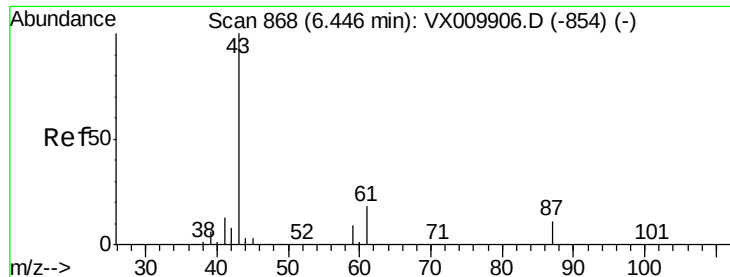
#42
1,2-Dichloroethane
Concen: 18.915 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion:	62	Resp:	55150
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.632 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

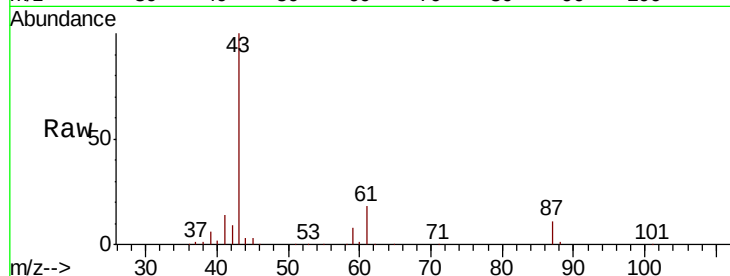
Tgt Ion: 43 Resp: 111369

Ion Ratio Lower Upper

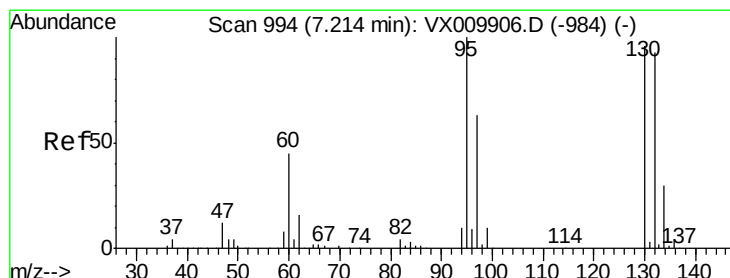
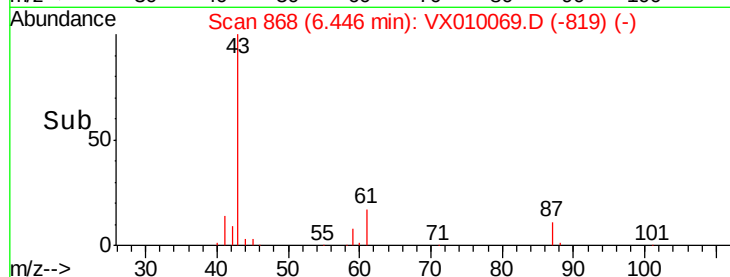
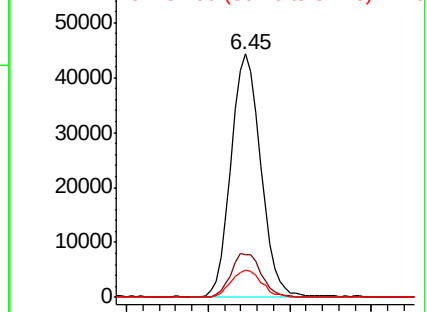
43 100

61 18.5 15.1 22.7

87 11.5 9.0 13.6



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



#44

Trichloroethene

Concen: 19.159 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010069.D

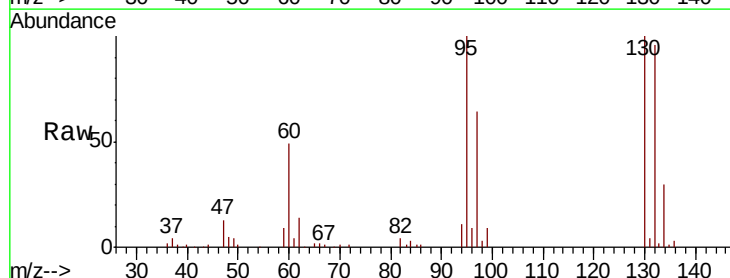
Acq: 05 Jun 2019 12:11

Tgt Ion: 130 Resp: 36703

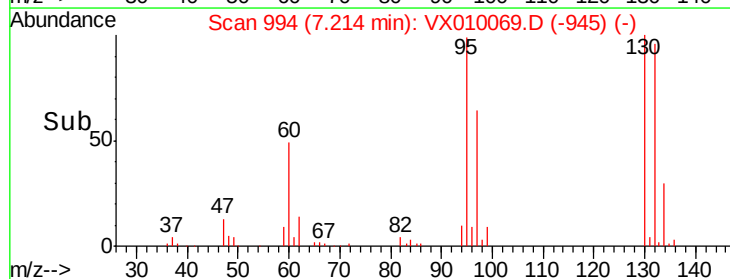
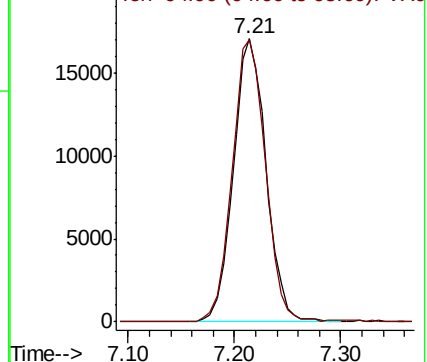
Ion Ratio Lower Upper

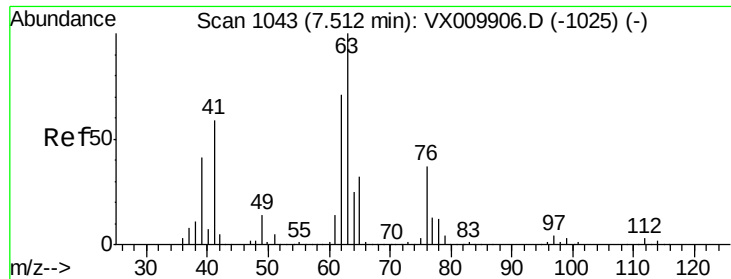
130 100

95 99.5 0.0 199.2



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

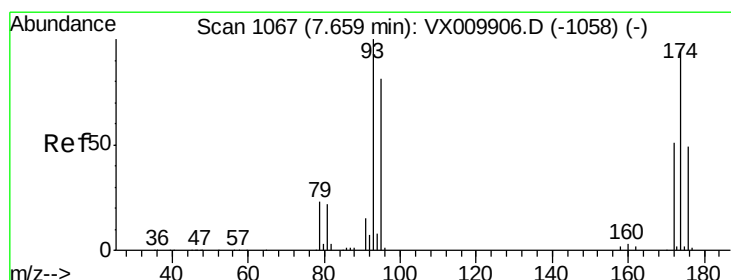
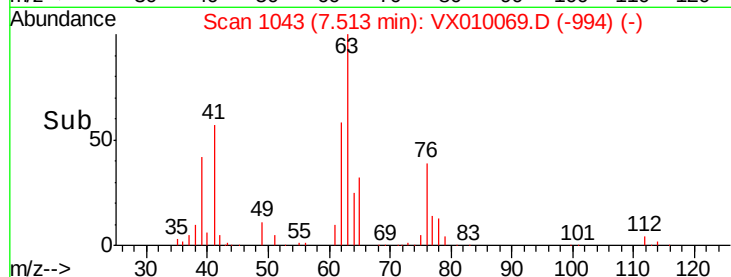
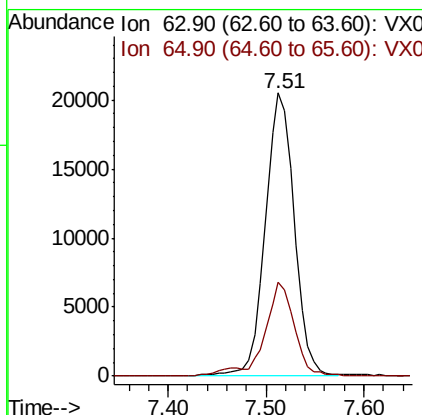
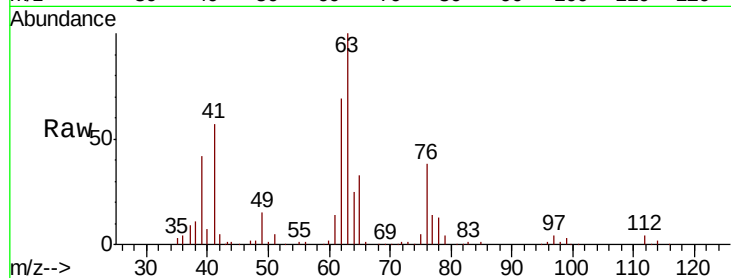




#45
 1,2-Dichloropropane
 Concen: 18.651 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

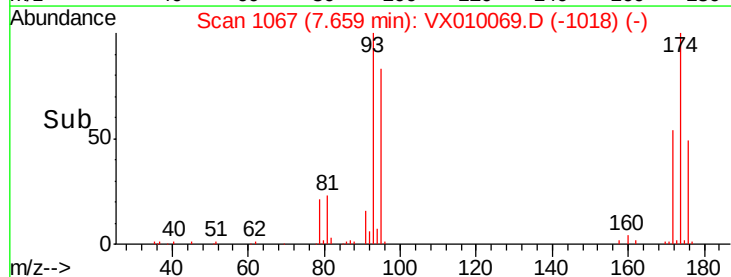
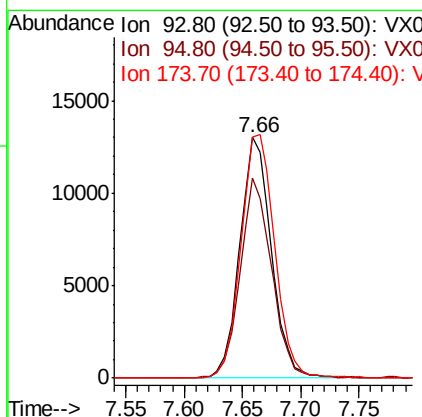
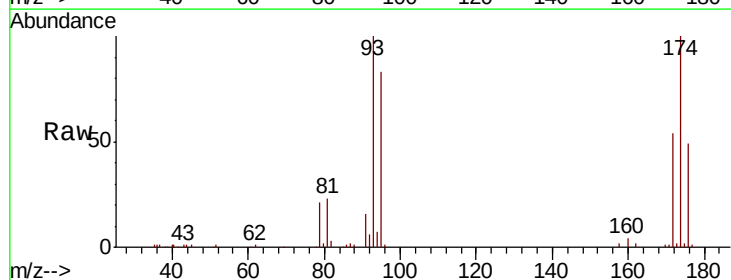
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

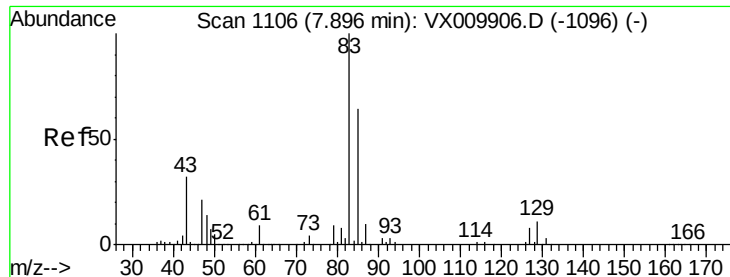
Tgt Ion: 63 Resp: 42342
 Ion Ratio Lower Upper
 63 100
 65 33.2 25.0 37.6



#46
 Dibromomethane
 Concen: 18.462 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 93 Resp: 24671
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 108.0 82.1 123.1





#47

Bromodichloromethane

Concen: 18.792 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

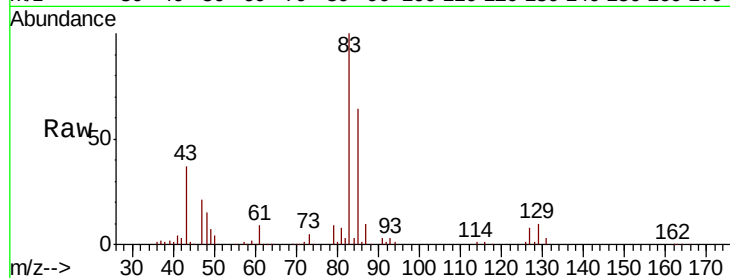
Tgt Ion: 83 Resp: 47754

Ion Ratio Lower Upper

83 100

85 64.4 52.4 78.6

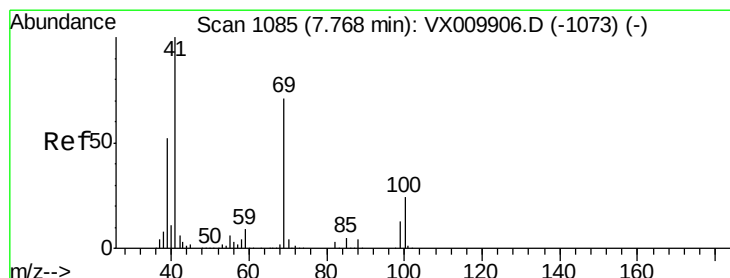
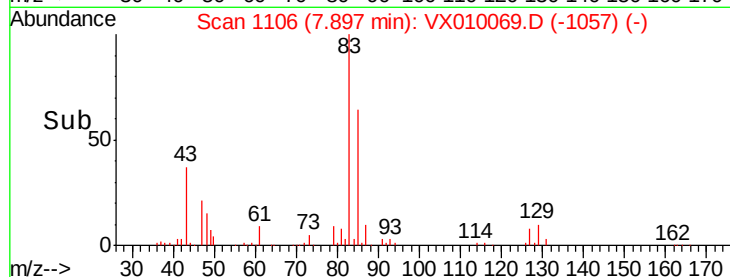
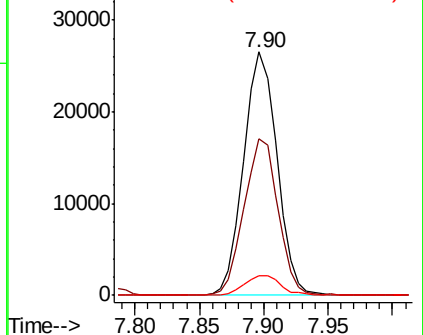
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.884 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

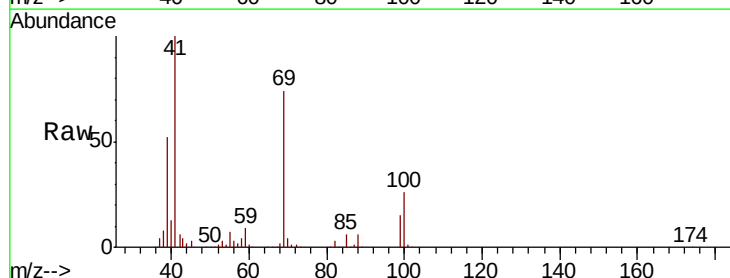
Tgt Ion: 41 Resp: 55877

Ion Ratio Lower Upper

41 100

69 72.7 59.1 88.7

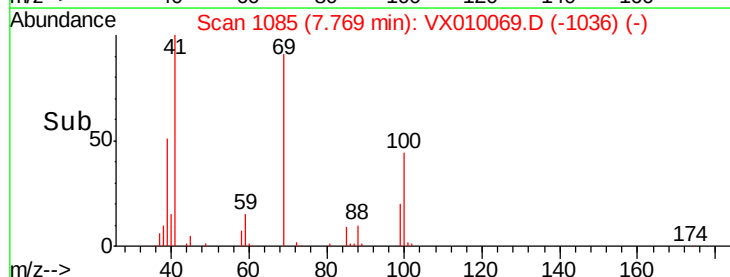
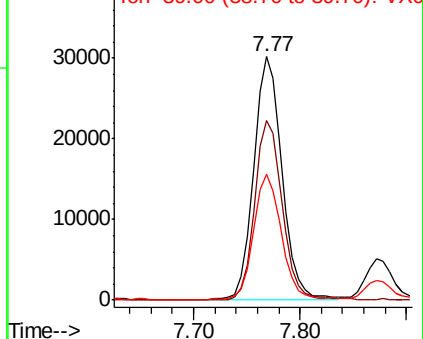
39 50.9 40.4 60.6

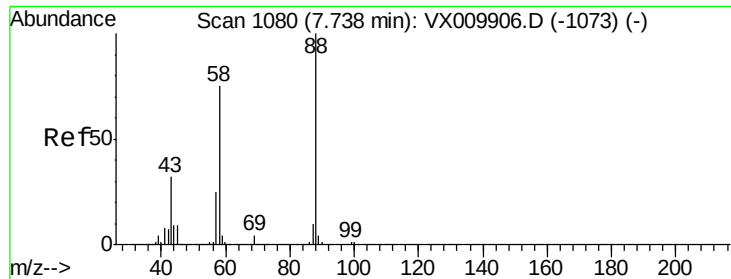


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

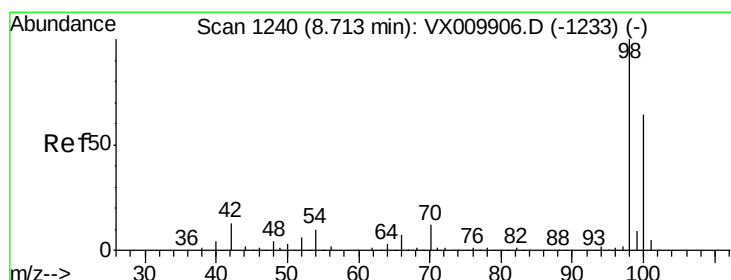
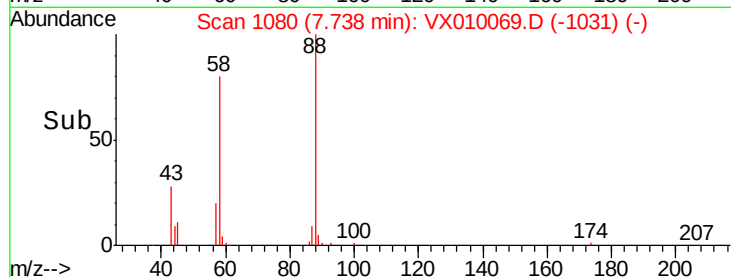
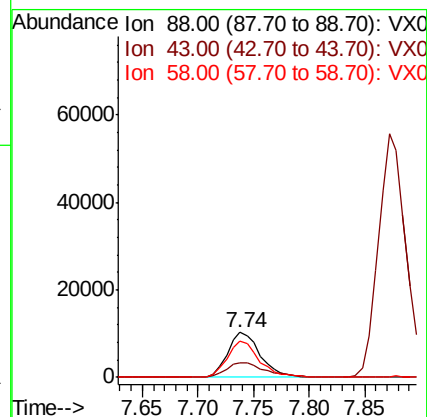
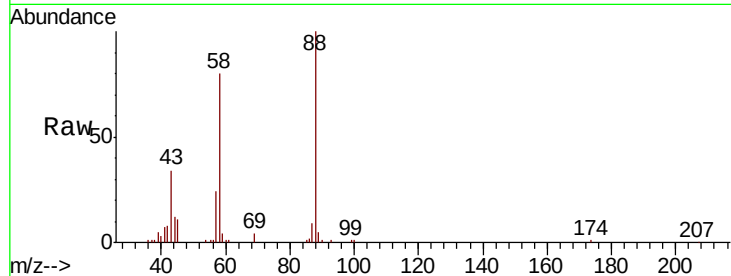




#49
1,4-Dioxane
Concen: 381.331 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

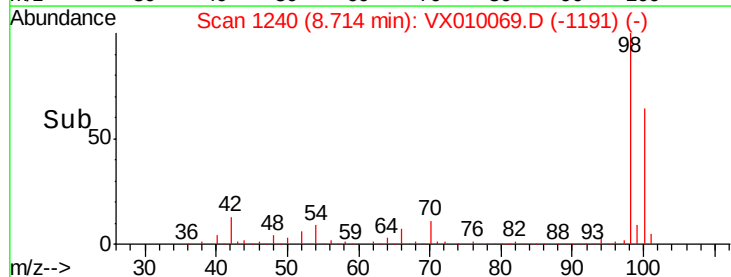
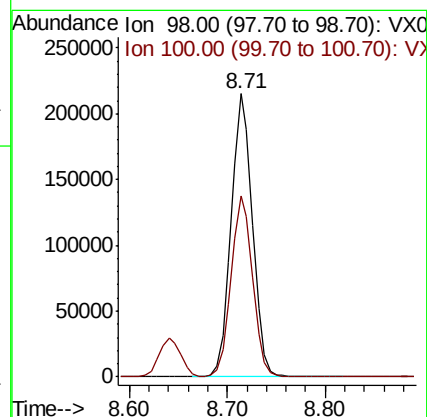
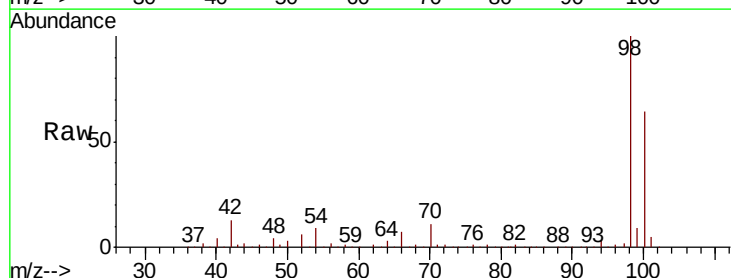
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

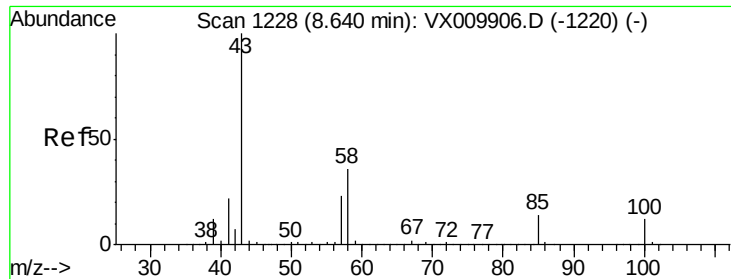
Tgt Ion: 88 Resp: 20988
Ion Ratio Lower Upper
88 100
43 37.5 28.6 42.8
58 79.8 61.7 92.5



#50
Toluene-d8
Concen: 48.561 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 98 Resp: 324854
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

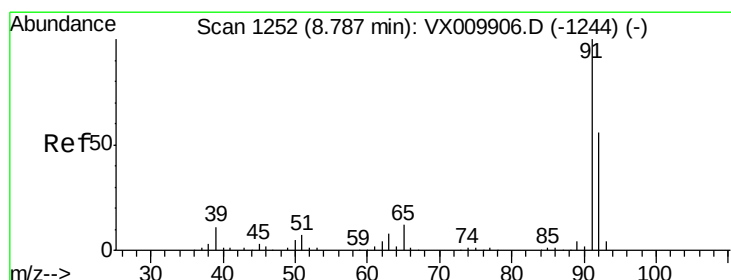
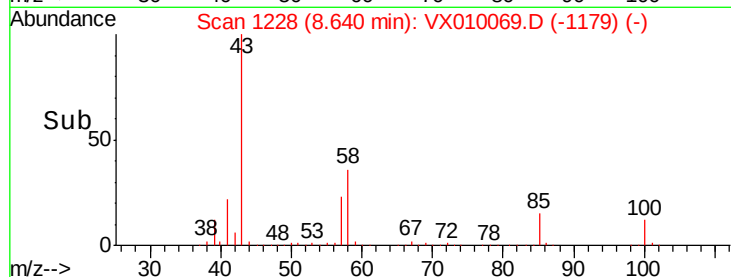
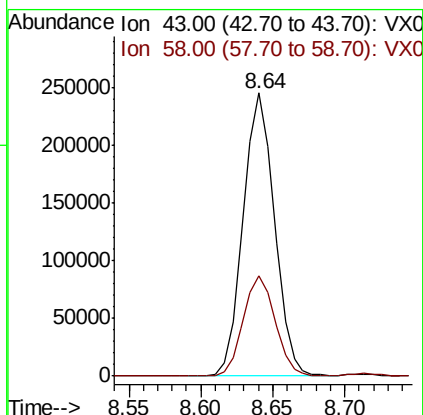
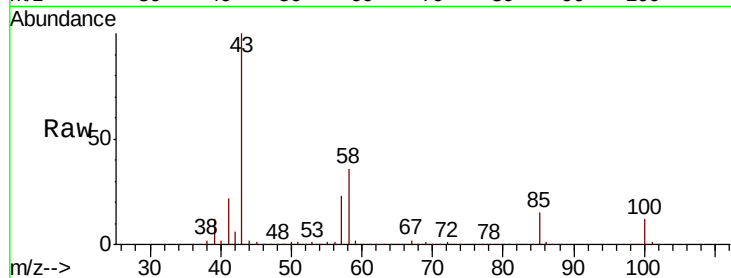




#51
 4-Methyl-2-Pentanone
 Concen: 95.033 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

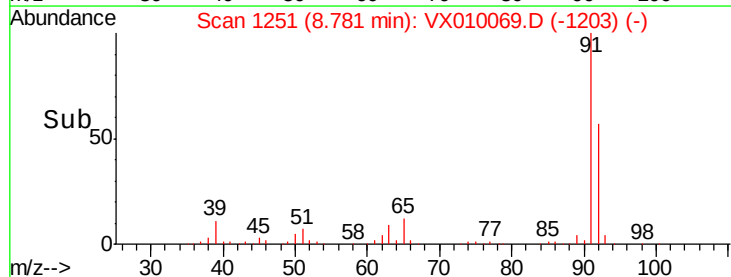
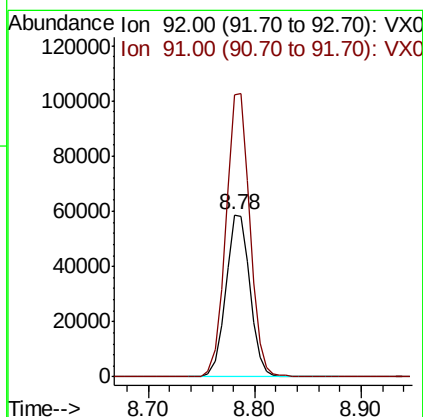
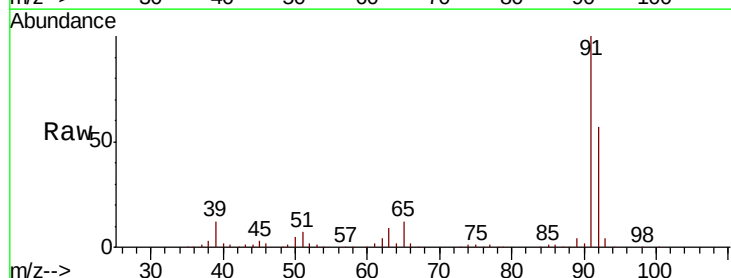
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

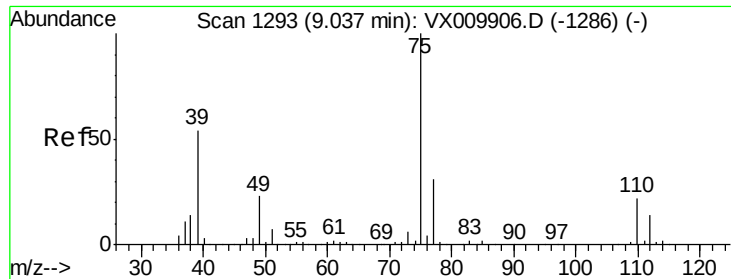
Tgt Ion: 43 Resp: 369513
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.5 44.3



#52
 Toluene
 Concen: 19.561 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 92 Resp: 93667
 Ion Ratio Lower Upper
 92 100
 91 173.1 138.8 208.2

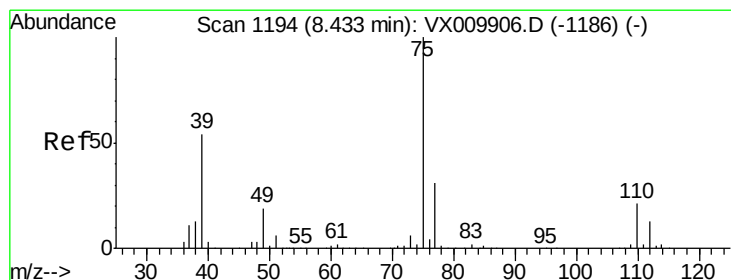
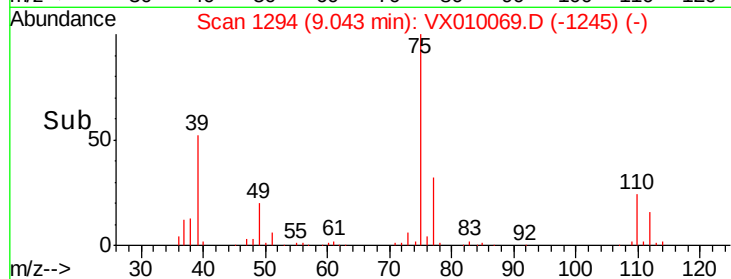
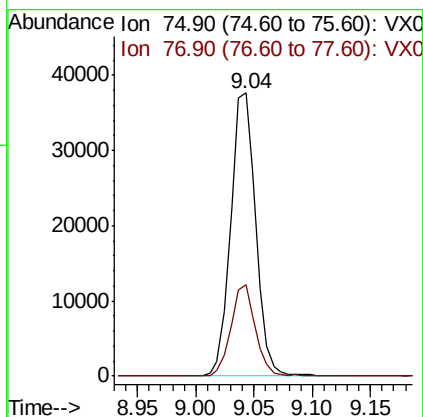
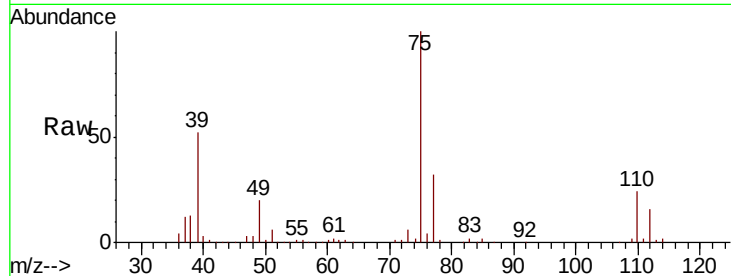




#53
 t-1,3-Dichloropropene
 Concen: 18.527 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

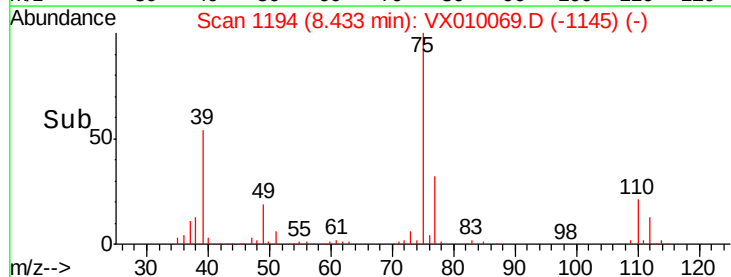
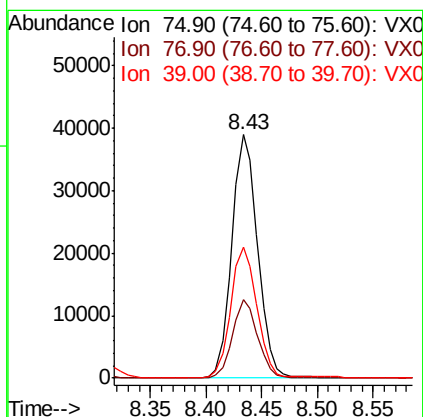
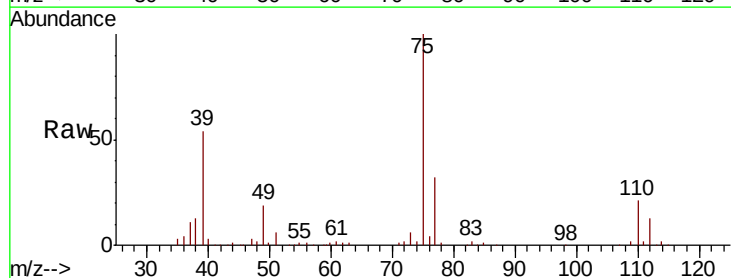
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

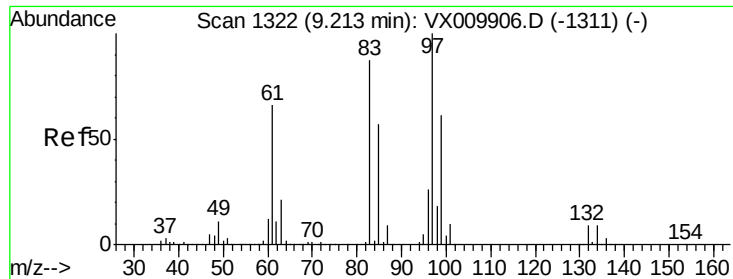
Tgt Ion: 75 Resp: 56465
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.821 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 75 Resp: 62497
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 53.5 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 19.176 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

Tgt Ion: 97 Resp: 36957

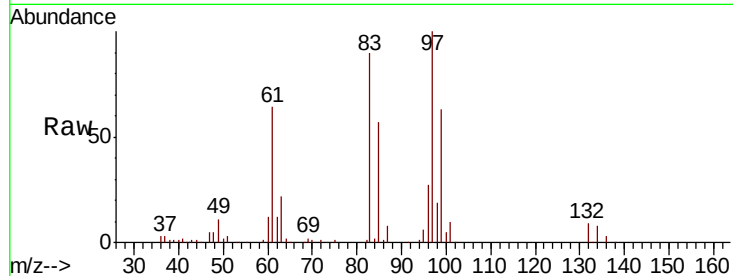
Ion Ratio Lower Upper

97 100

83 89.7 68.9 103.3

85 56.5 43.8 65.6

99 62.5 48.2 72.2

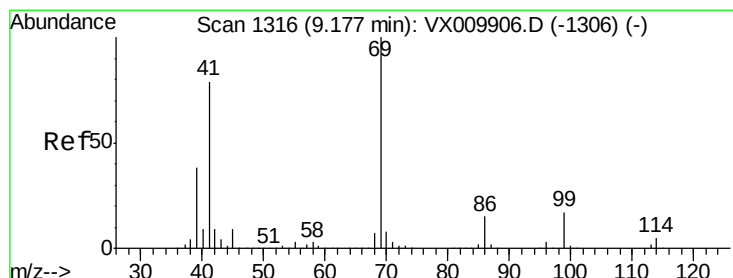
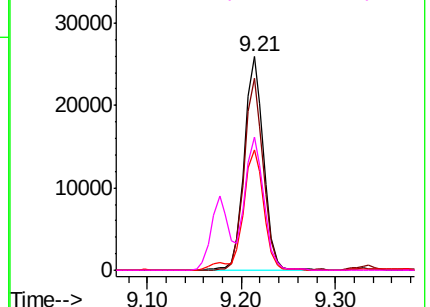
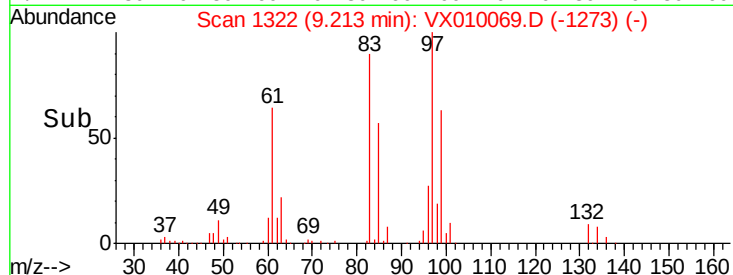


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.398 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

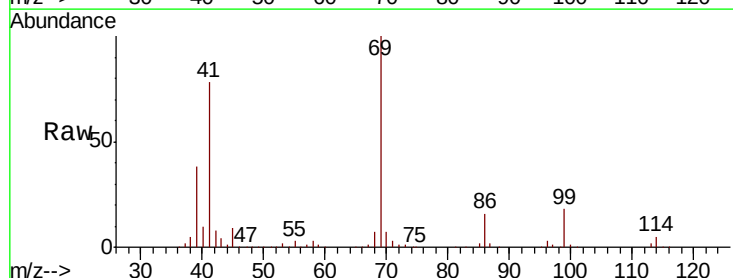
Tgt Ion: 69 Resp: 66557

Ion Ratio Lower Upper

69 100

41 77.2 60.6 90.8

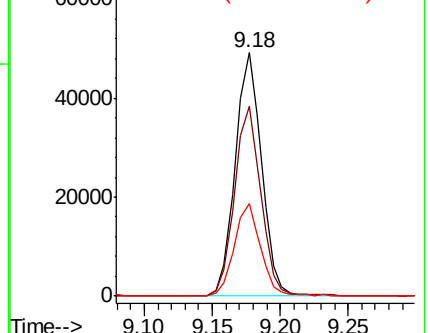
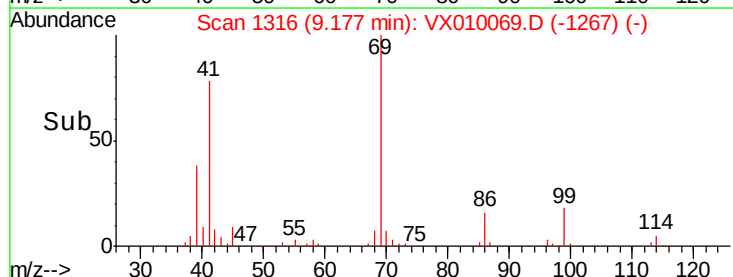
39 37.2 28.2 42.4

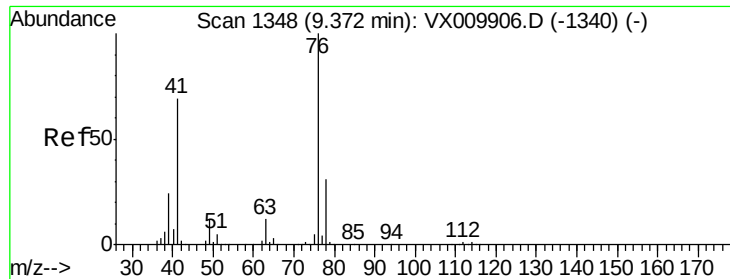


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

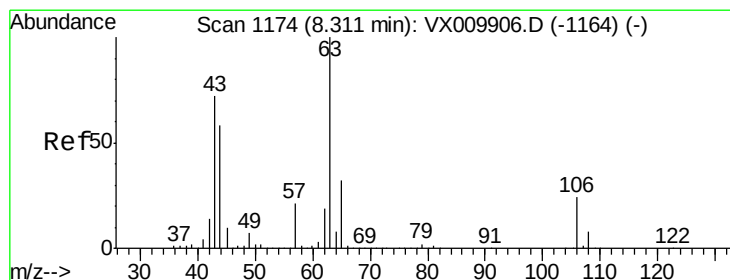
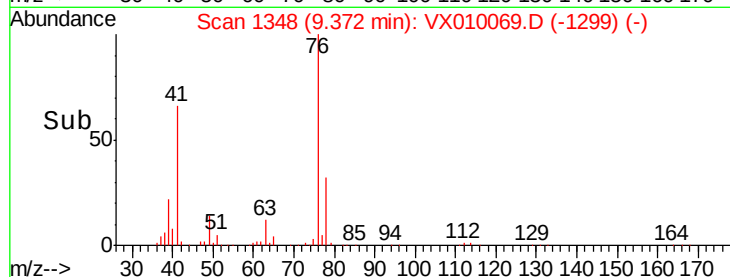
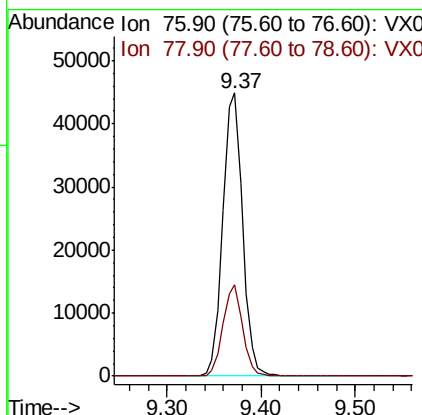
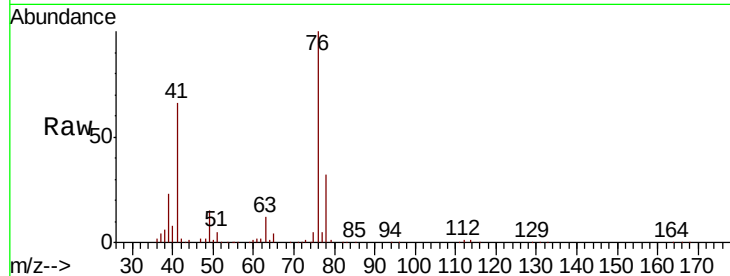




#57
 1,3-Dichloropropane
 Concen: 18.909 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

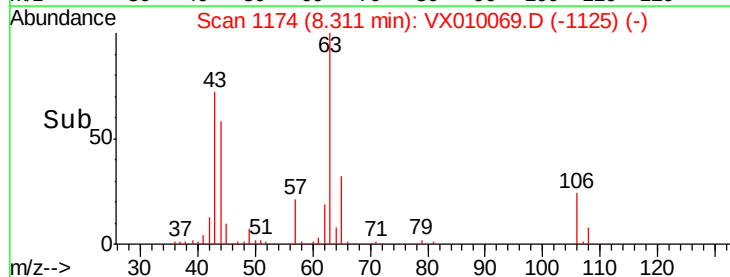
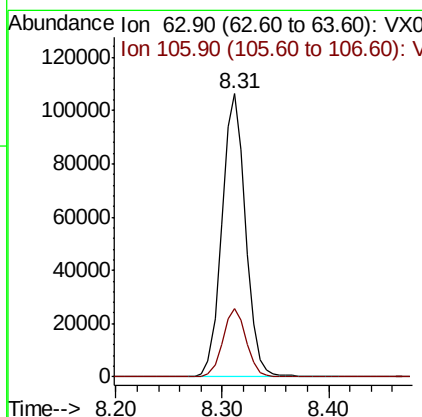
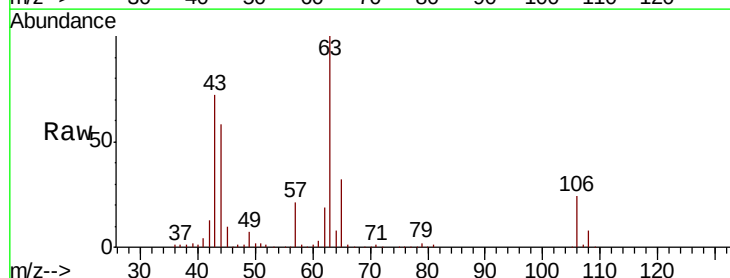
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

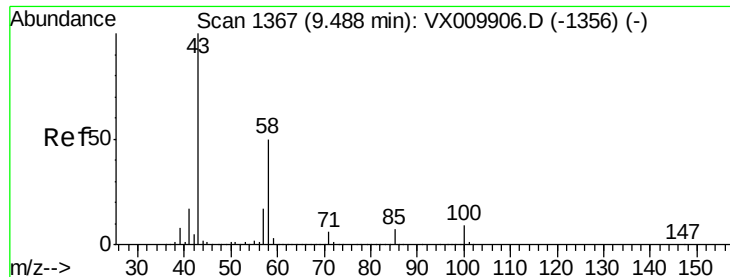
Tgt Ion: 76 Resp: 65447
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.826 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 63 Resp: 165215
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.7 29.5

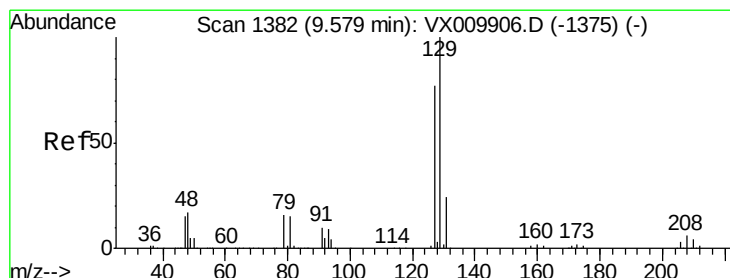
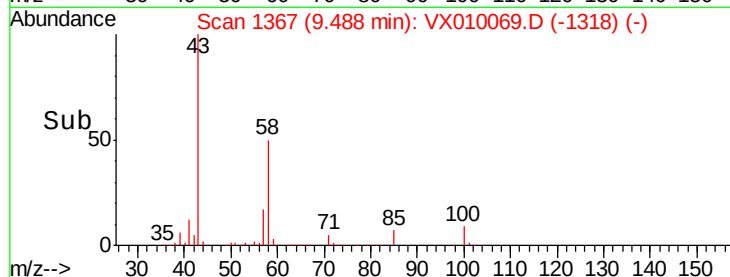
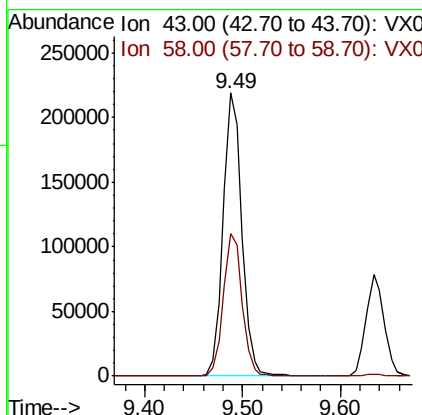
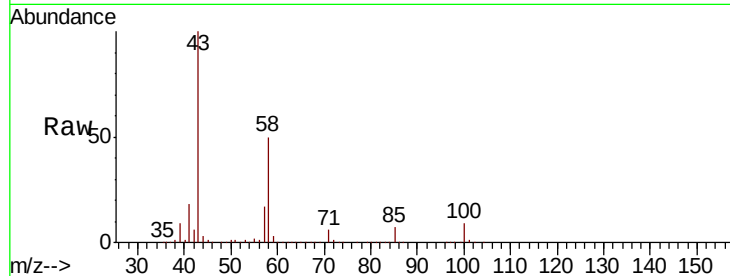




#59
2-Hexanone
Concen: 96.897 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

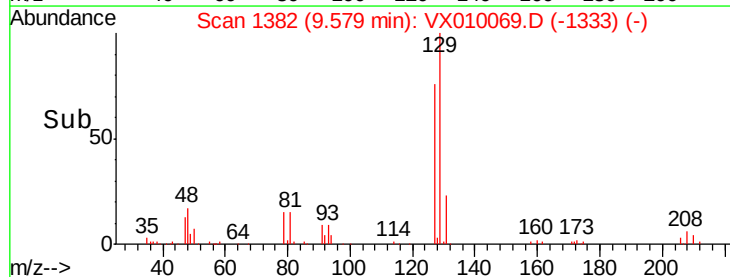
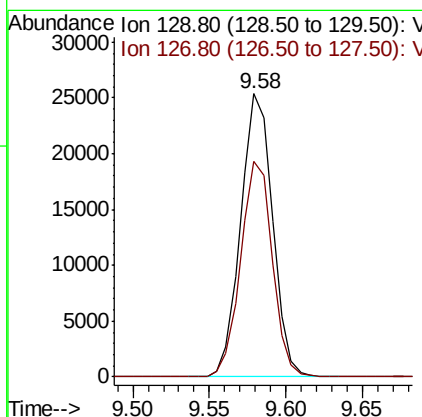
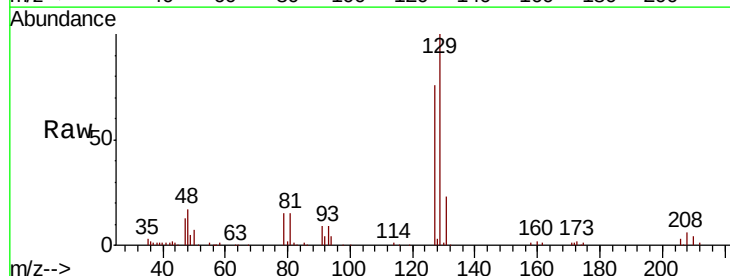
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

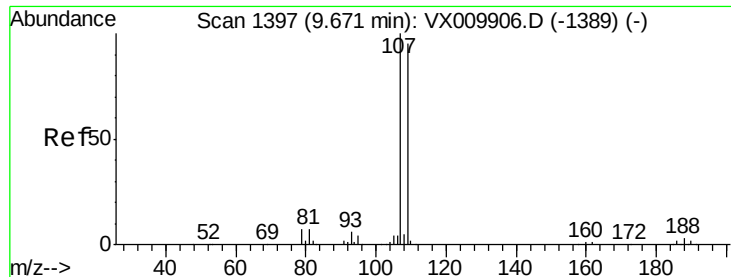
Tgt Ion: 43 Resp: 290067
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.7



#60
Dibromochloromethane
Concen: 19.401 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 129 Resp: 36782
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.944 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

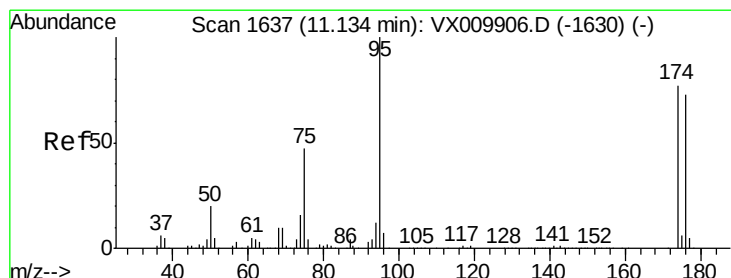
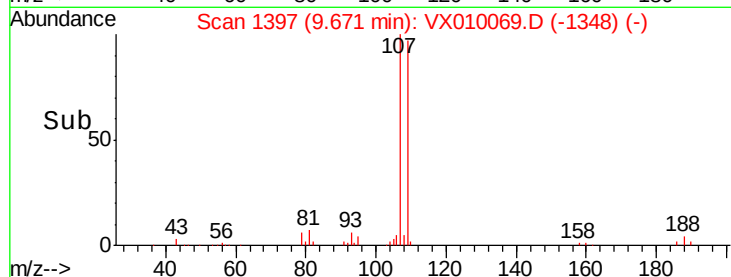
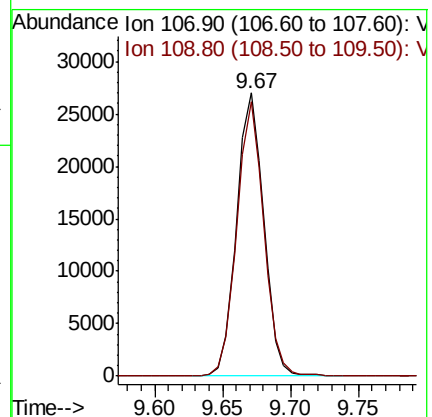
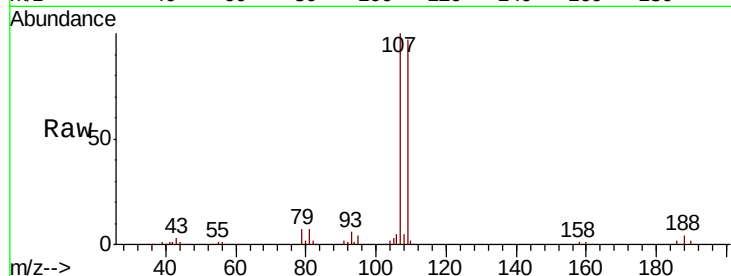
VX0605MBS01

Tgt Ion: 107 Resp: 37509

Ion Ratio Lower Upper

107 100

109 96.7 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.356 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

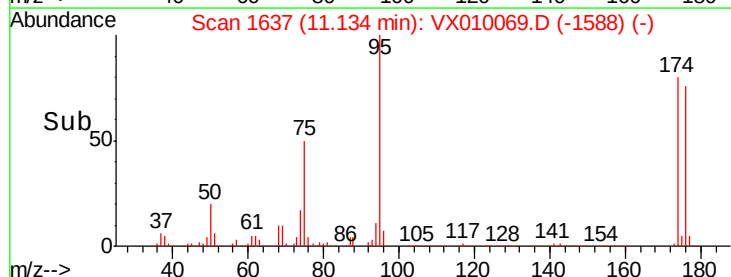
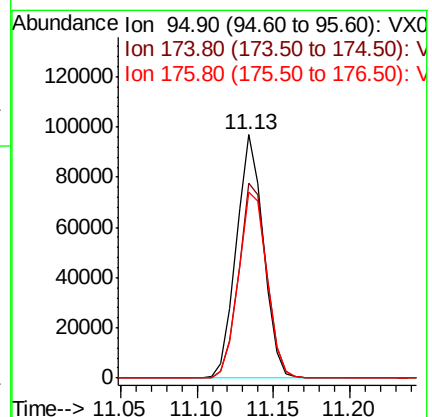
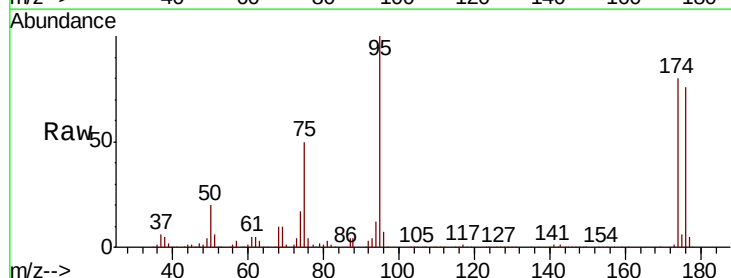
Tgt Ion: 95 Resp: 118593

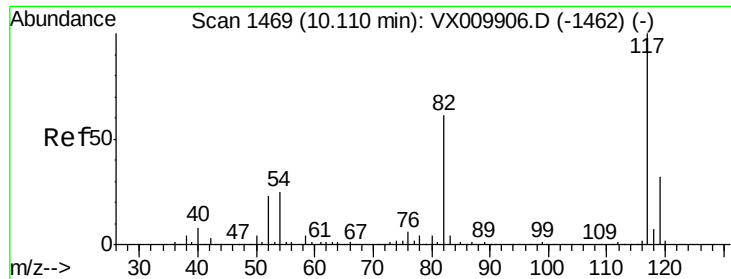
Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.6

176 80.6 0.0 159.2

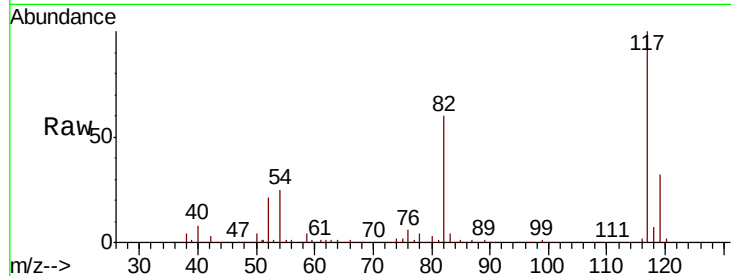




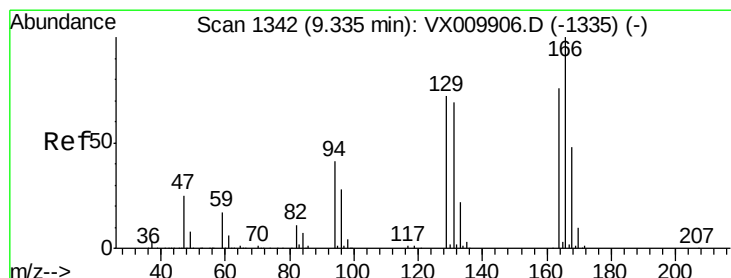
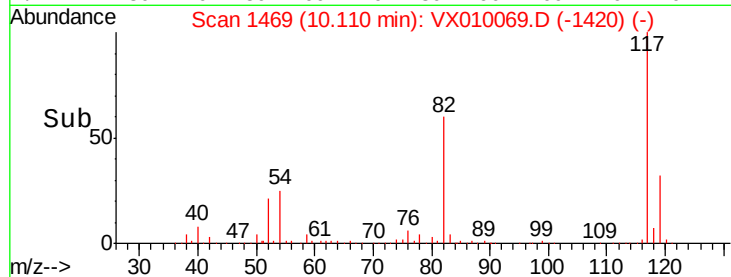
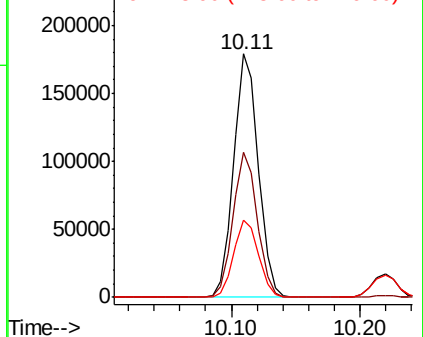
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

Tgt Ion:117 Resp: 239437
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 31.6 25.8 38.6

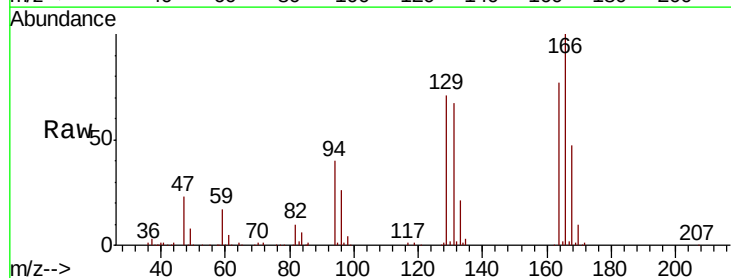


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

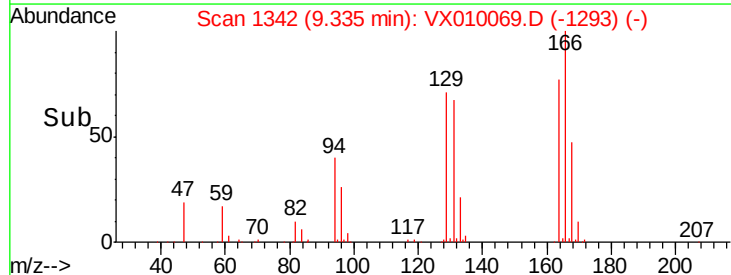
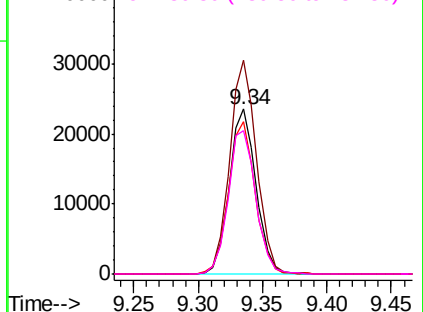


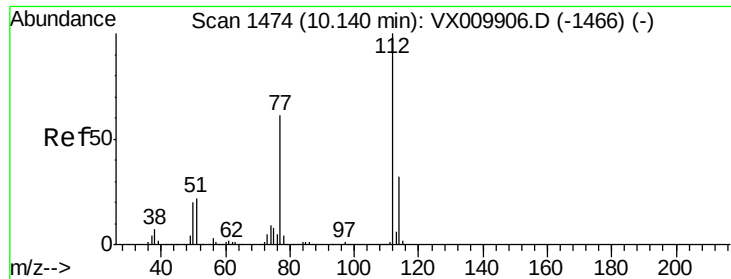
#64
Tetrachloroethene
Concen: 20.485 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion:164 Resp: 34260
Ion Ratio Lower Upper
164 100
166 129.5 101.2 151.8
129 92.4 74.3 111.5
131 87.3 71.0 106.6



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

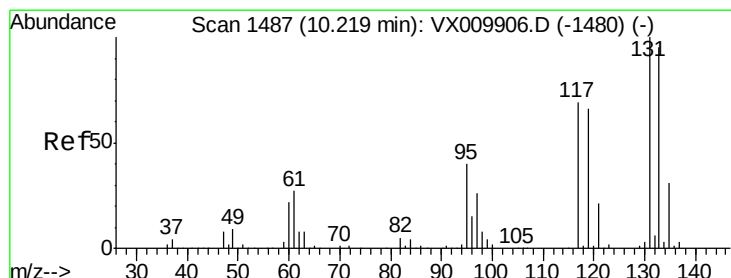
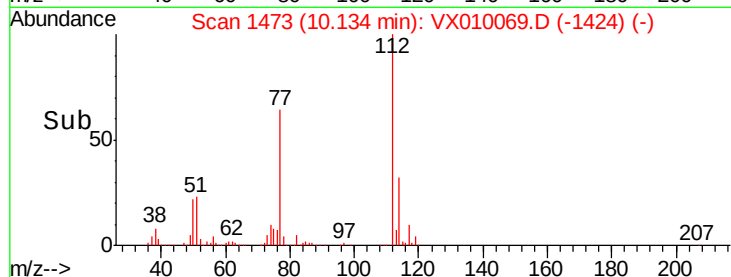
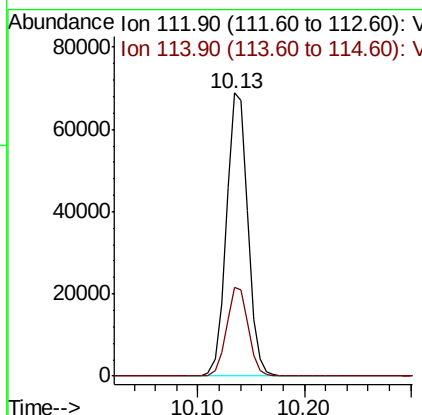
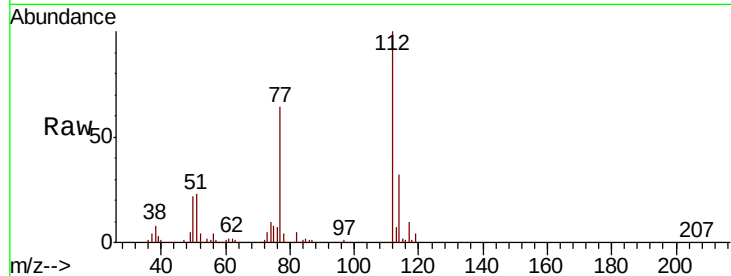




#65
Chlorobenzene
Concen: 19.349 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

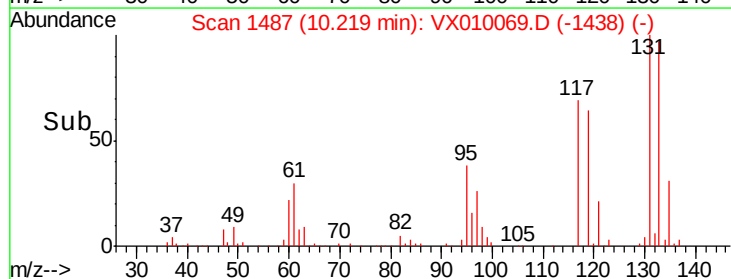
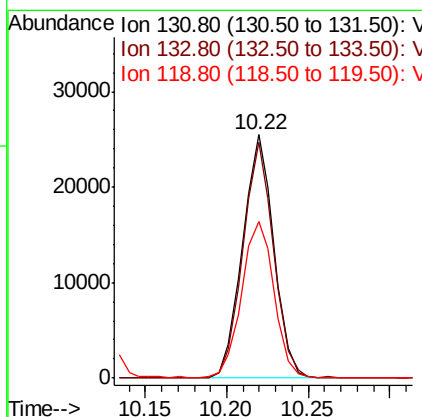
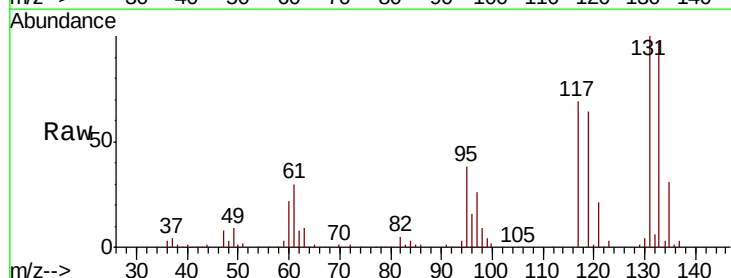
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

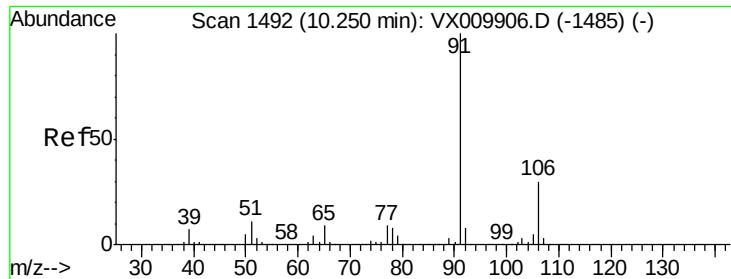
Tgt Ion:112 Resp: 96988
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.583 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion:131 Resp: 34047
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 67.1 33.5 100.4

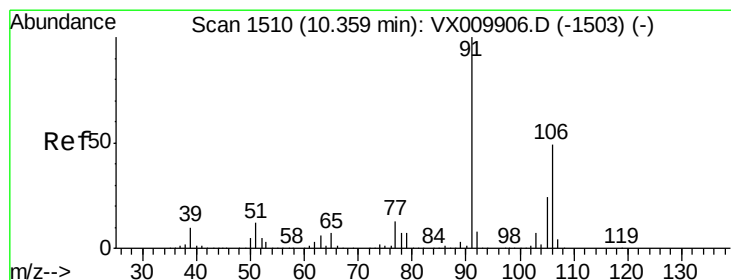
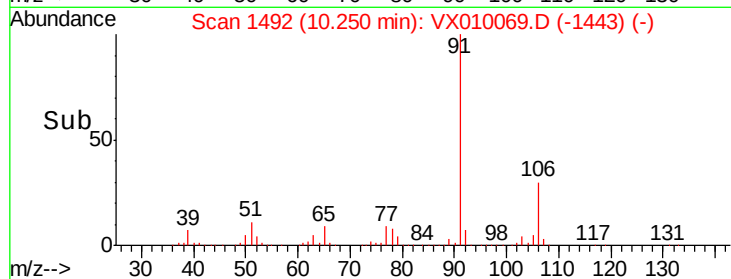
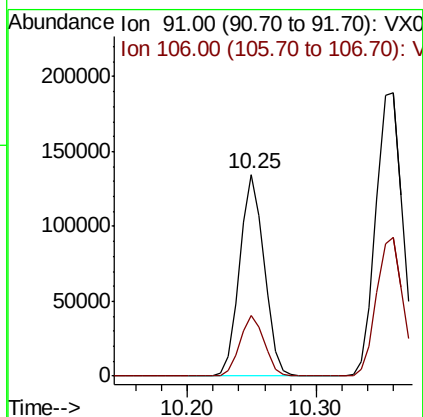
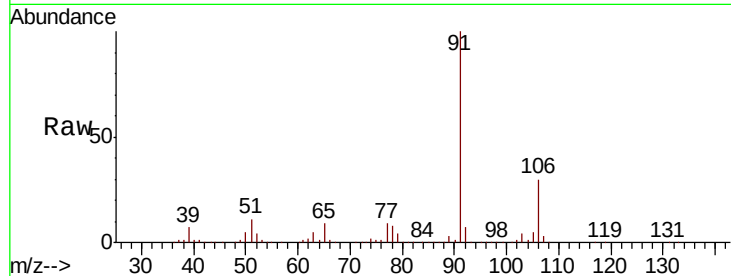




#67
Ethyl Benzene
Concen: 19.771 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

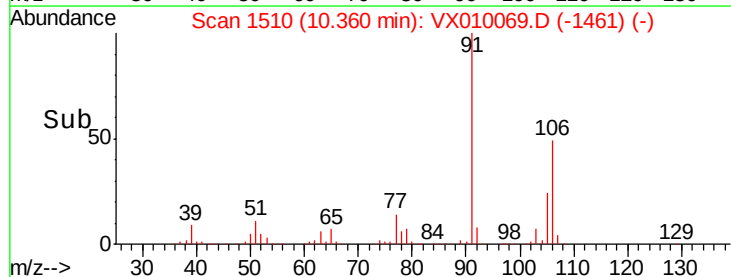
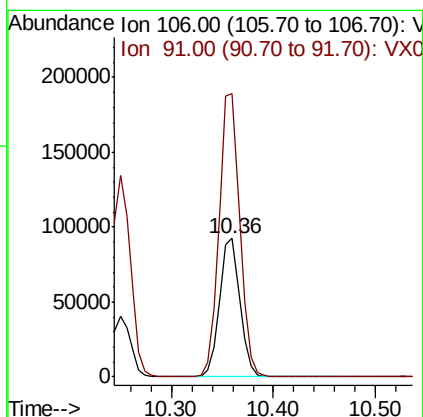
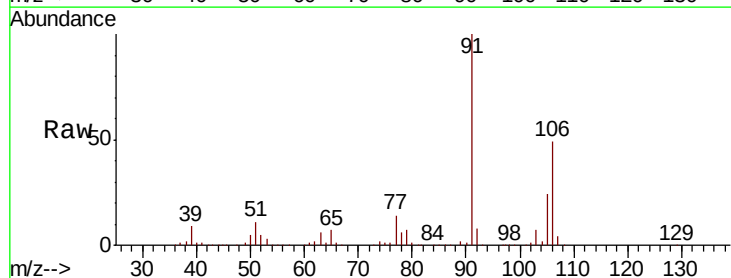
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

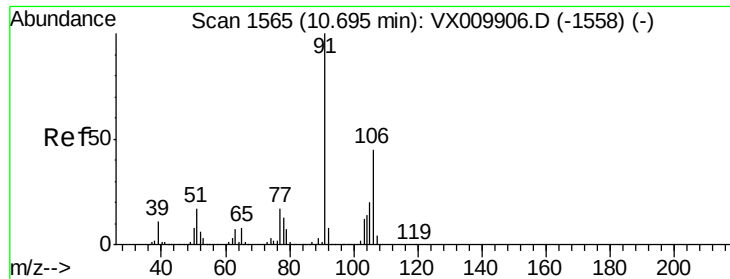
Tgt Ion: 91 Resp: 177948
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 39.399 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 106 Resp: 131002
Ion Ratio Lower Upper
106 100
91 207.1 164.0 246.0

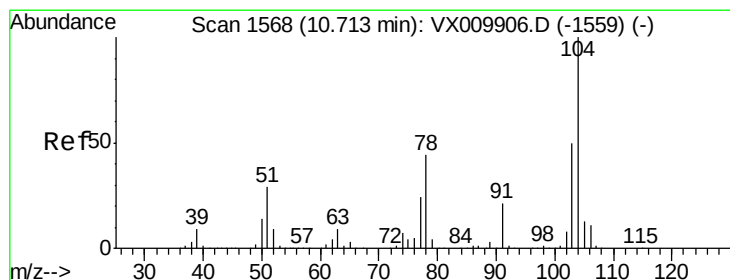
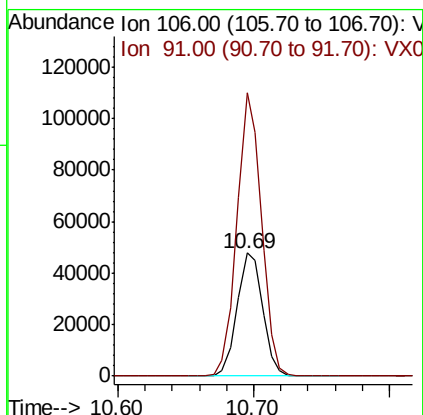
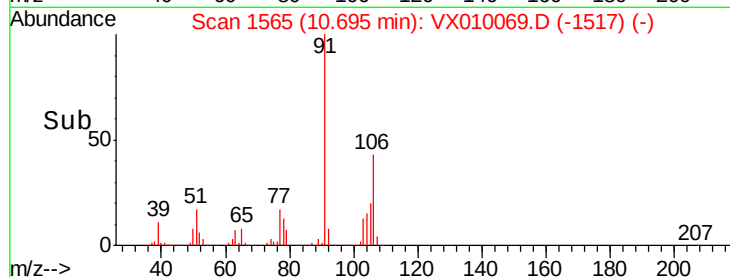
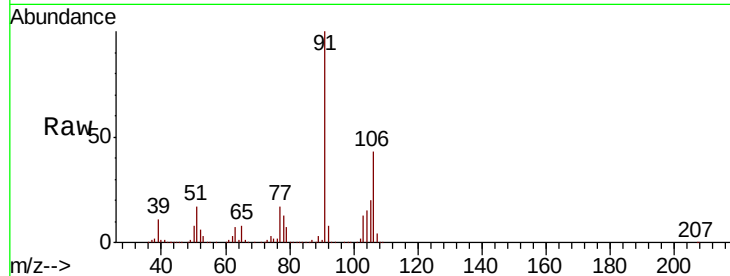




#69
o-Xylene
Concen: 19.584 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

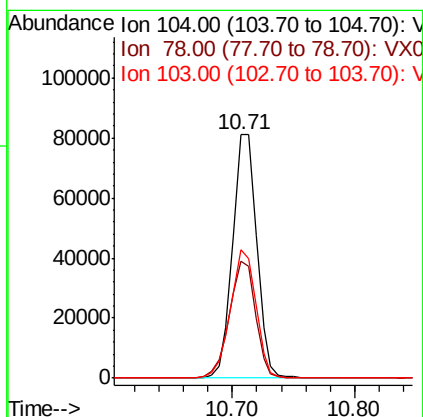
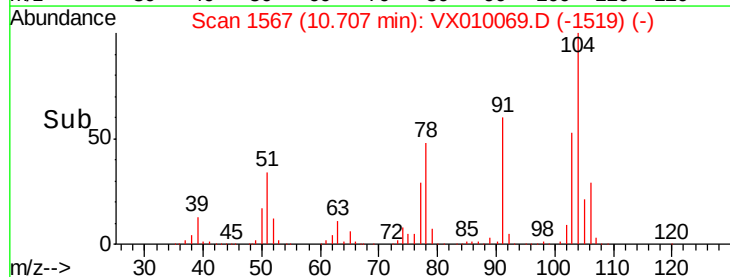
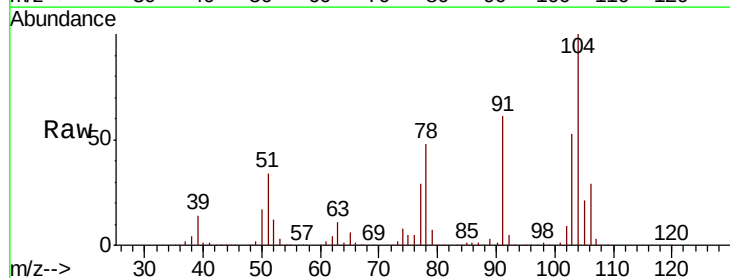
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

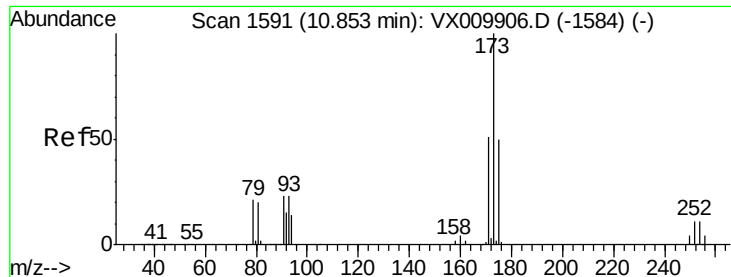
Tgt Ion:106 Resp: 62451
Ion Ratio Lower Upper
106 100
91 221.5 109.5 328.4



#70
Styrene
Concen: 19.784 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion:104 Resp: 110625
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.4
103 55.9 43.8 65.6





#71

Bromoform

Concen: 19.353 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0605MBS01

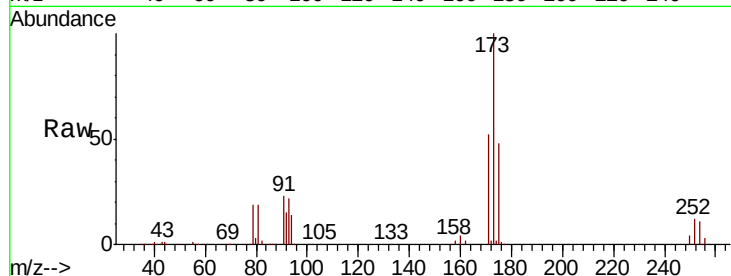
Tgt Ion:173 Resp: 27504

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

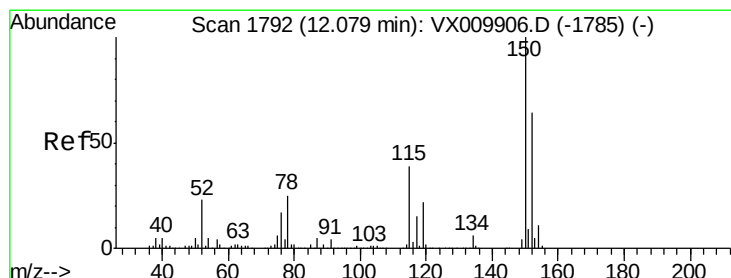
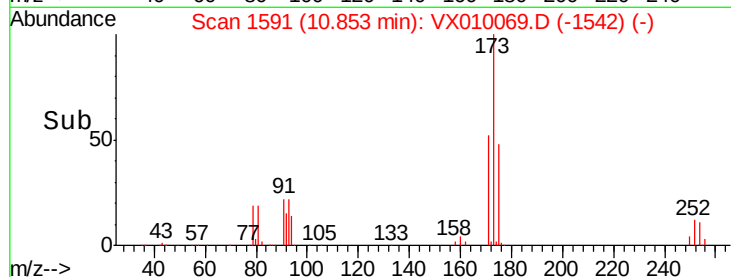
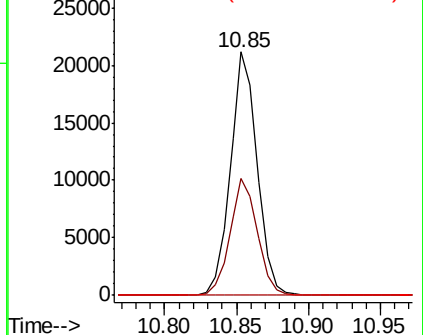
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

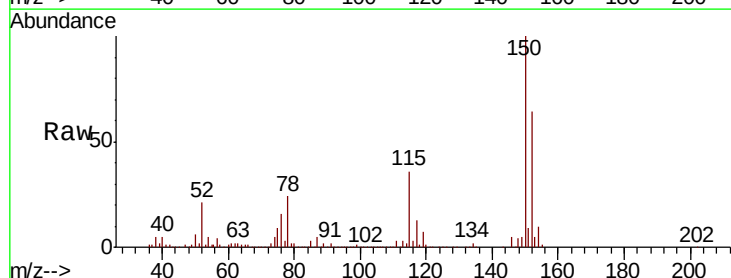
Tgt Ion:152 Resp: 117671

Ion Ratio Lower Upper

152 100

115 67.0 41.2 123.6

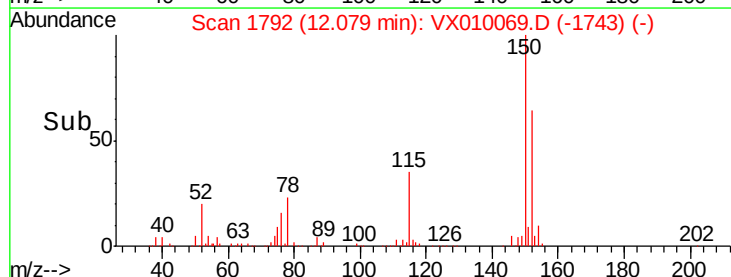
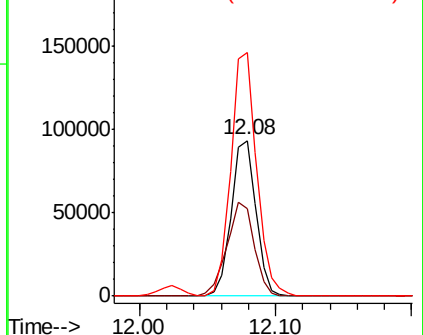
150 163.9 0.0 346.4

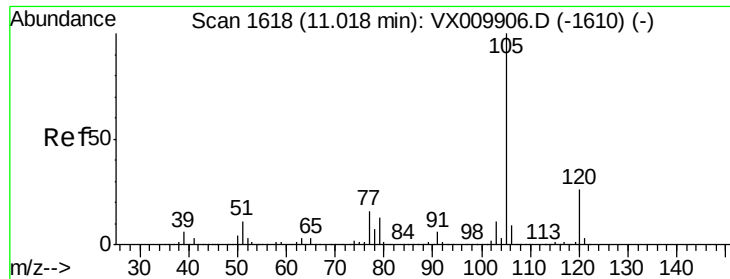


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.548 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

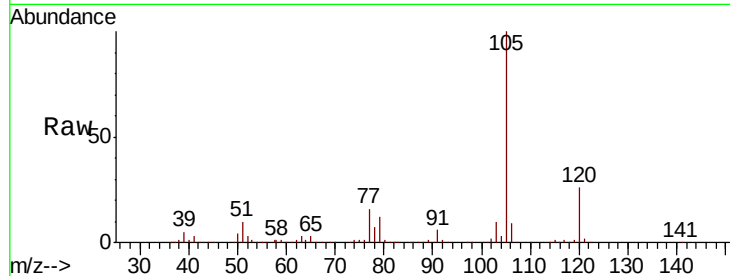
VX0605MBS01

Tgt Ion: 105 Resp: 169713

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

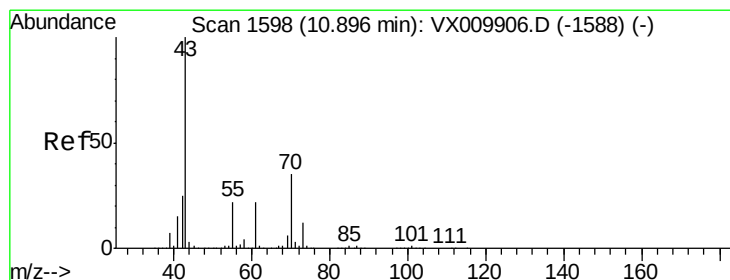
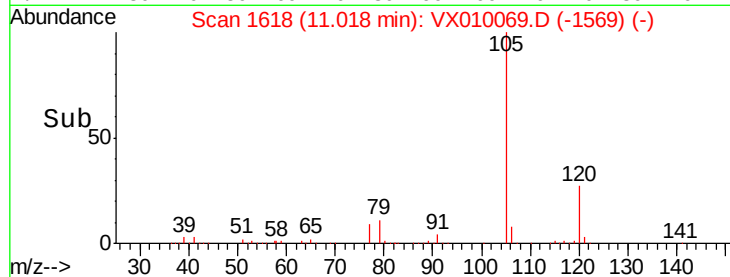
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.192 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Tgt Ion: 43 Resp: 99569

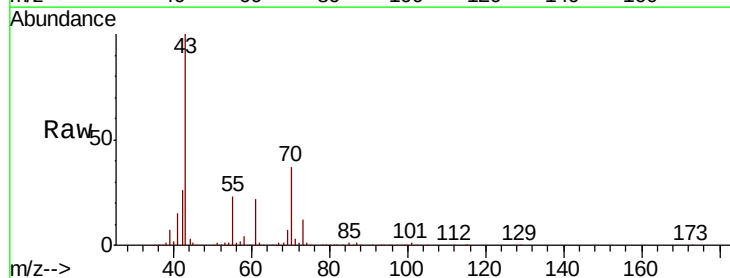
Ion Ratio Lower Upper

43 100

70 36.6 30.0 45.0

55 21.8 17.9 26.9

61 22.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

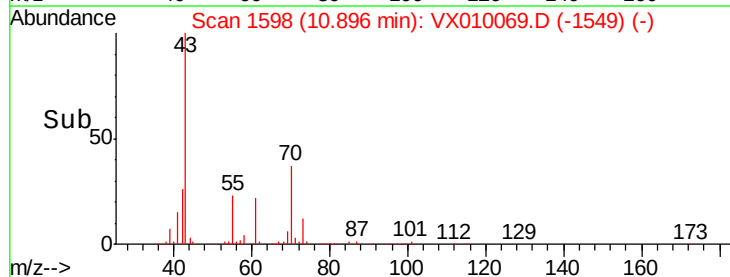
60000

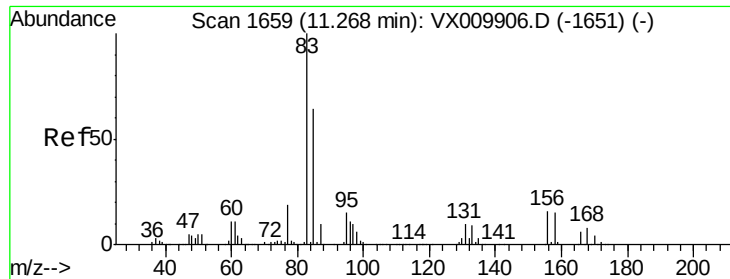
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.021 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

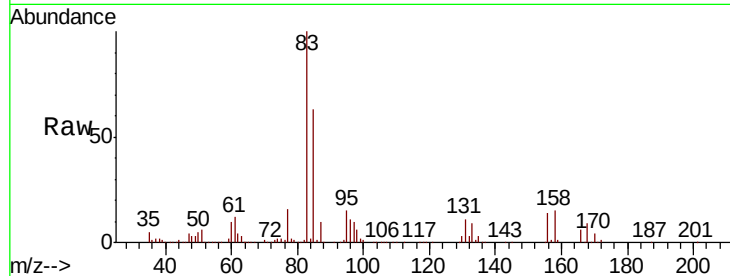
Tgt Ion: 83 Resp: 61609

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

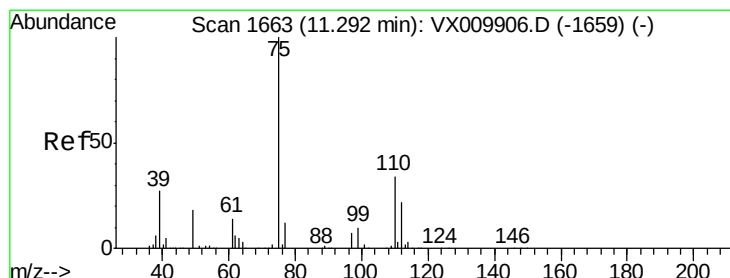
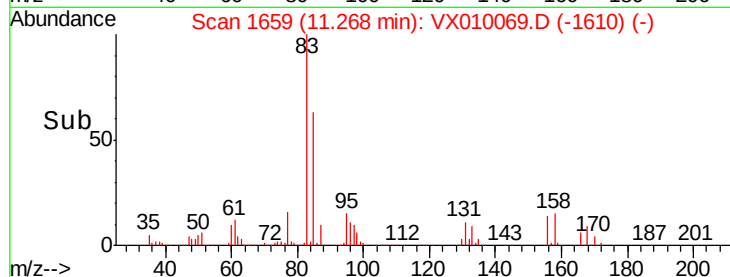
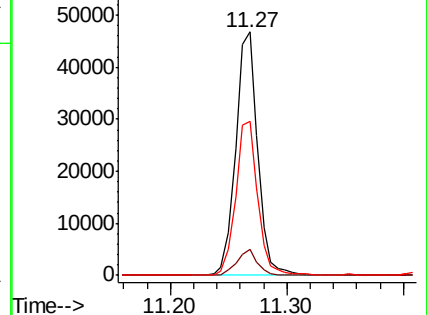
85 63.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.459 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010069.D

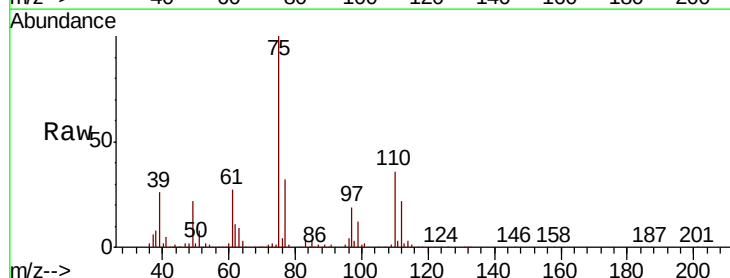
Acq: 05 Jun 2019 12:11

Tgt Ion: 75 Resp: 71484

Ion Ratio Lower Upper

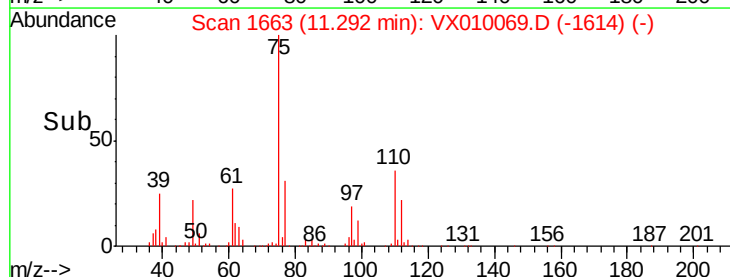
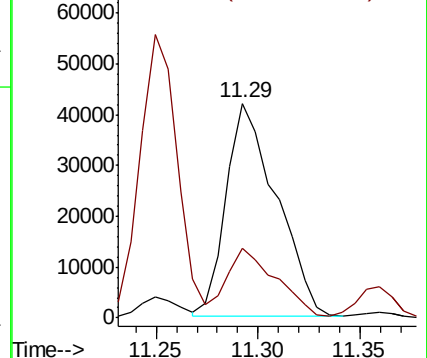
75 100

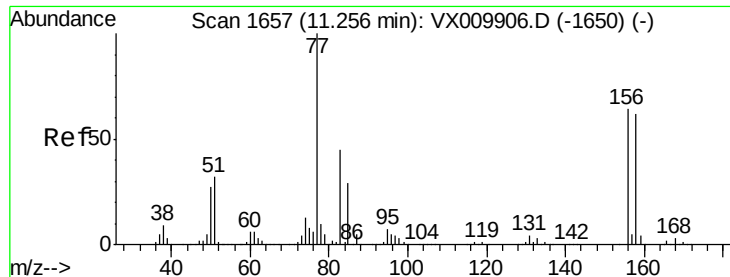
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.323 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

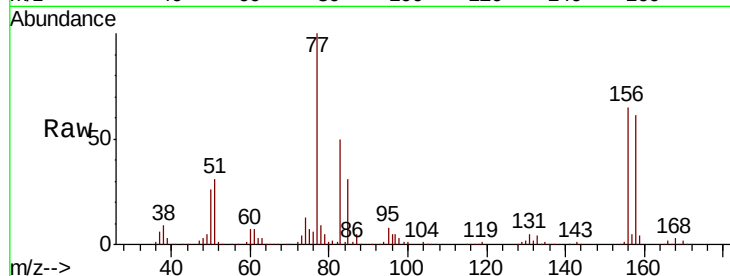
Tgt Ion:156 Resp: 42754

Ion Ratio Lower Upper

156 100

77 166.9 84.8 254.3

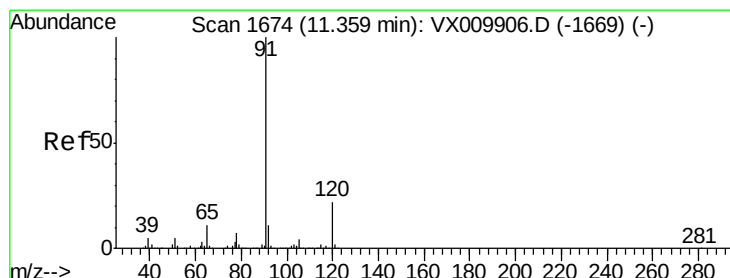
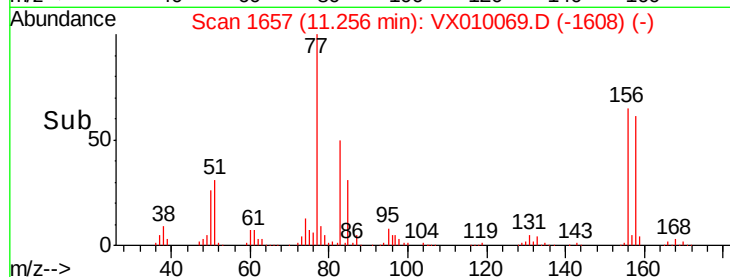
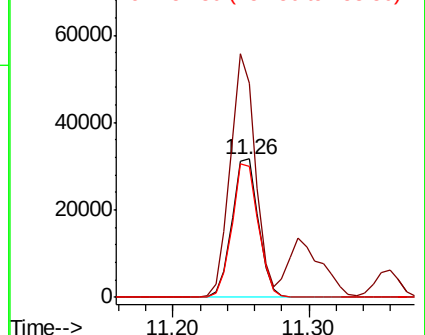
158 96.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.645 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010069.D

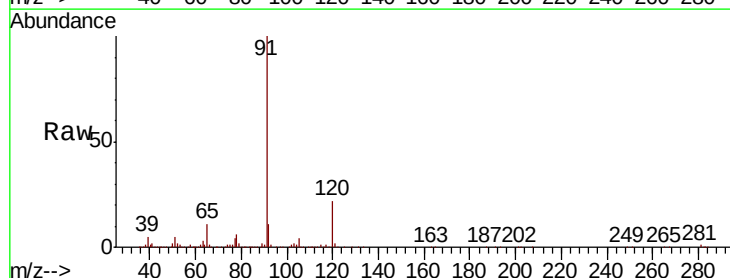
Acq: 05 Jun 2019 12:11

Tgt Ion: 91 Resp: 196592

Ion Ratio Lower Upper

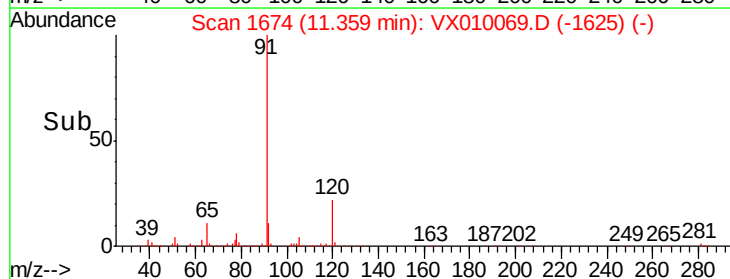
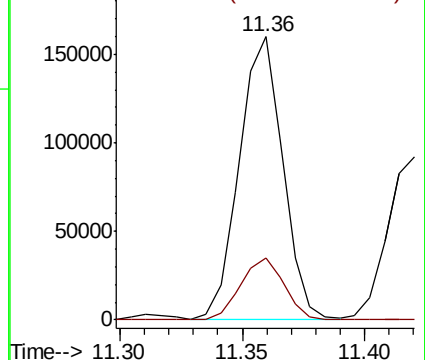
91 100

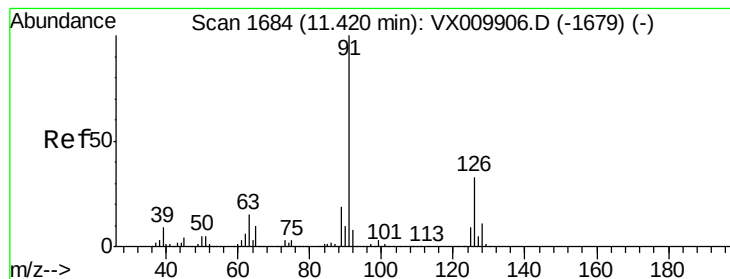
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.984 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

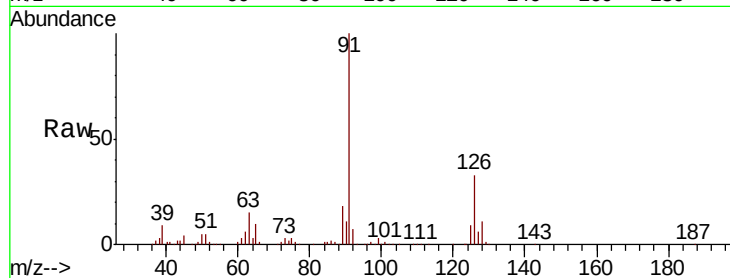
VX0605MBS01

Tgt Ion: 91 Resp: 116073

Ion Ratio Lower Upper

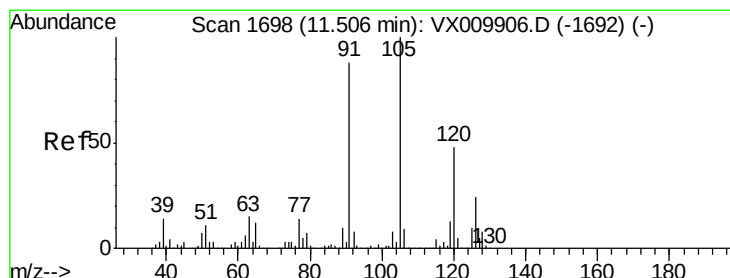
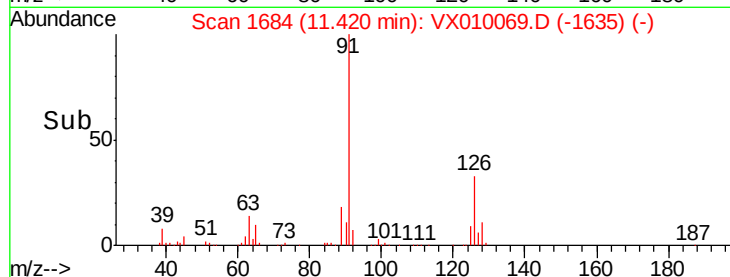
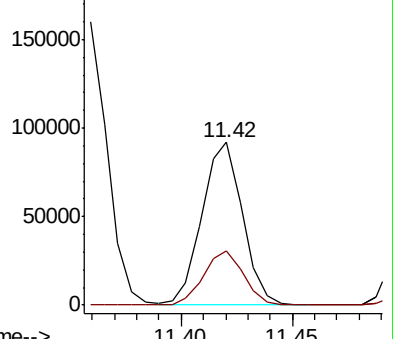
91 100

126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.679 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010069.D

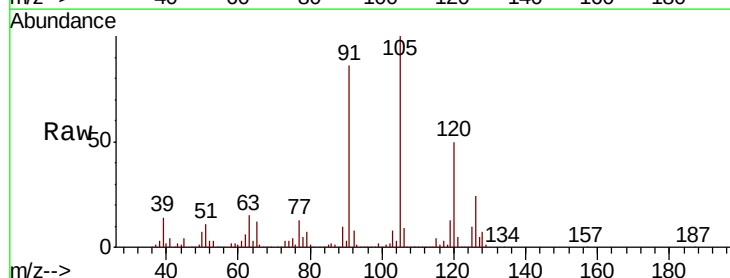
Acq: 05 Jun 2019 12:11

Tgt Ion: 105 Resp: 143939

Ion Ratio Lower Upper

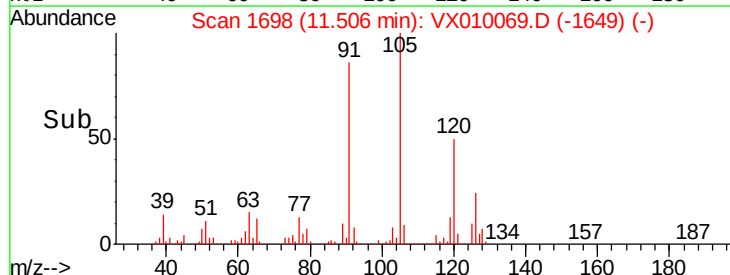
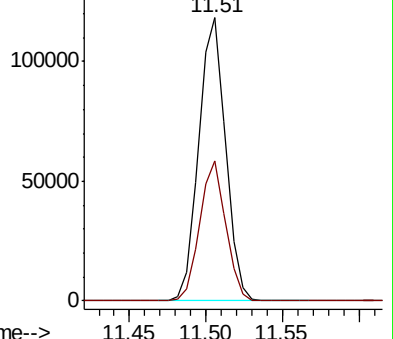
105 100

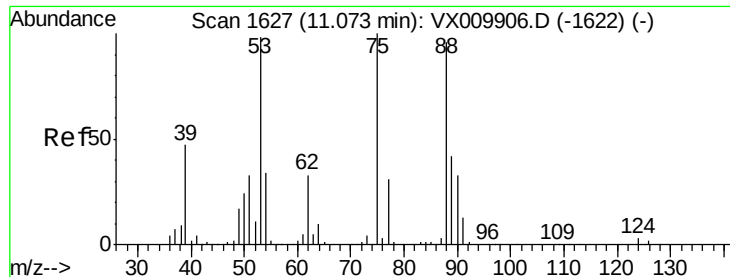
120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.516 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

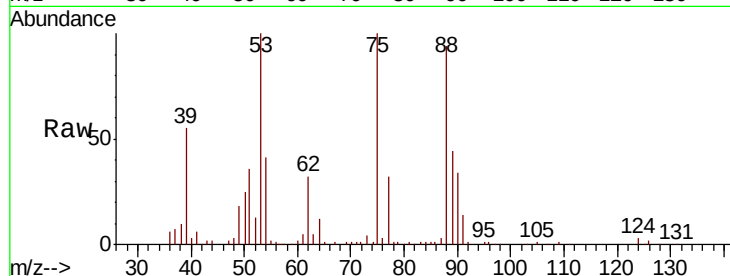
Tgt Ion: 75 Resp: 19921

Ion Ratio Lower Upper

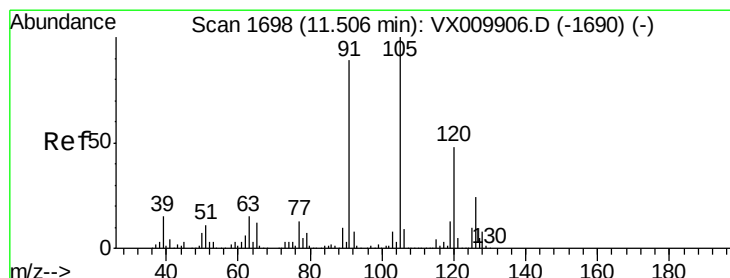
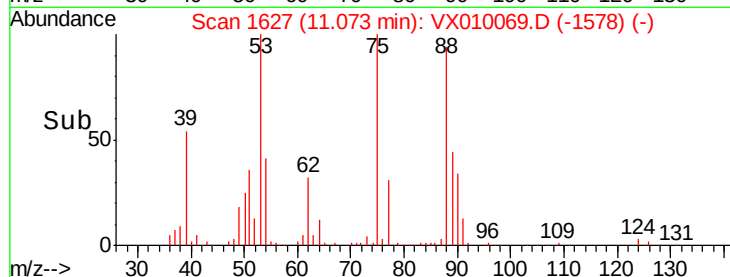
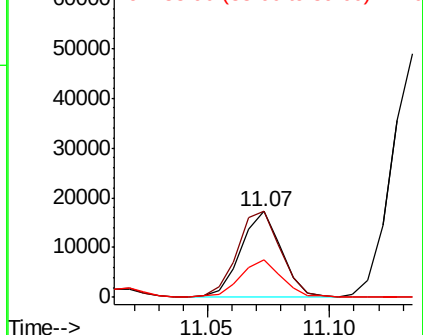
75 100

53 108.2 79.0 118.6

89 45.1 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.823 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010069.D

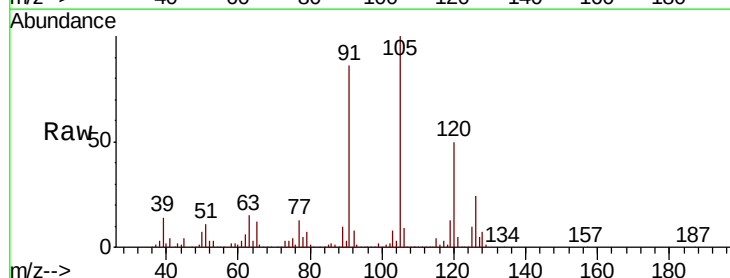
Acq: 05 Jun 2019 12:11

Tgt Ion: 91 Resp: 133979

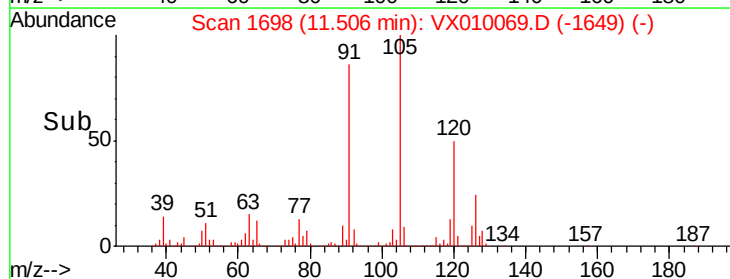
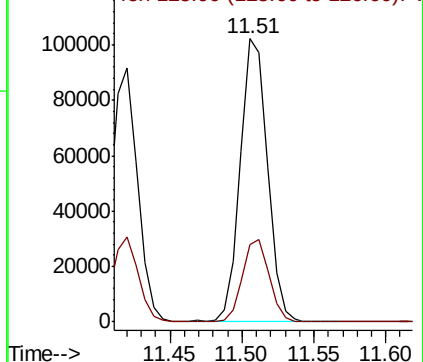
Ion Ratio Lower Upper

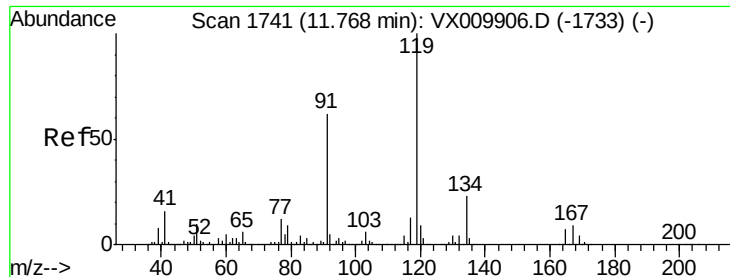
91 100

126 28.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

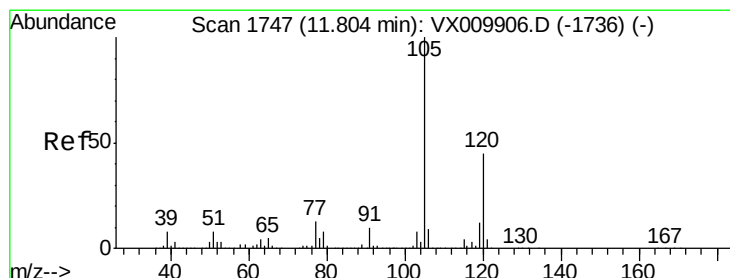
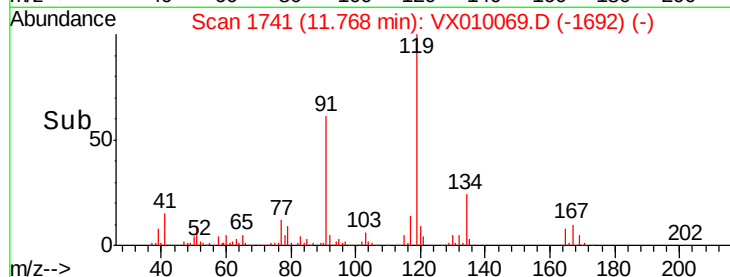
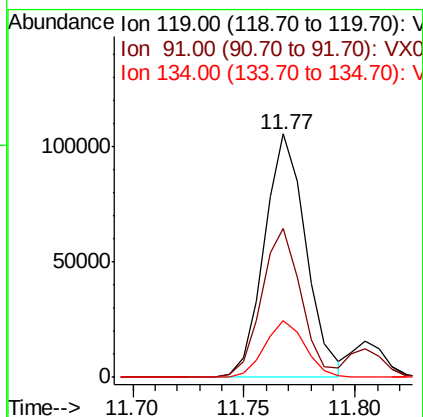
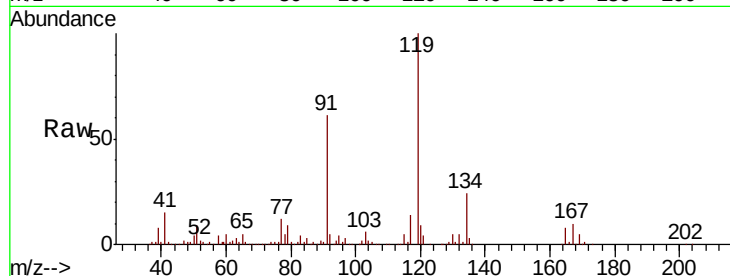




#83
 tert-Butylbenzene
 Concen: 19.569 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

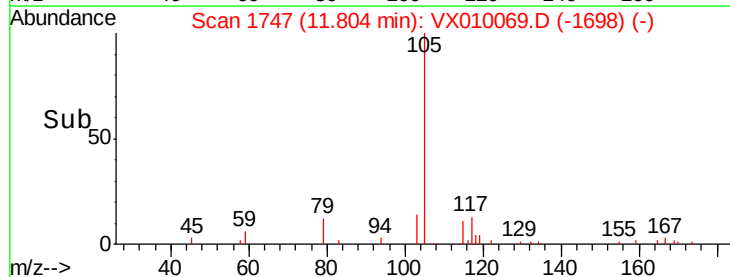
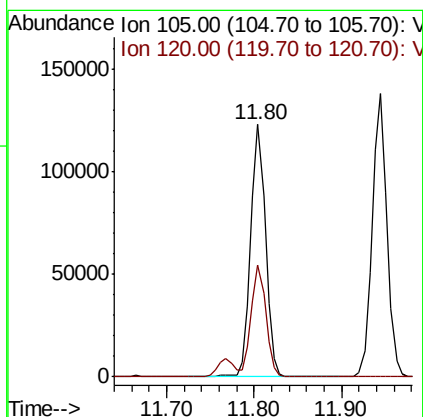
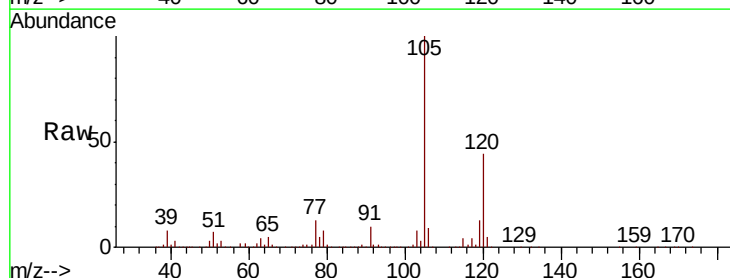
Instrument :
 MSVOA_X
 ClientSampled :
 VX0605MBS01

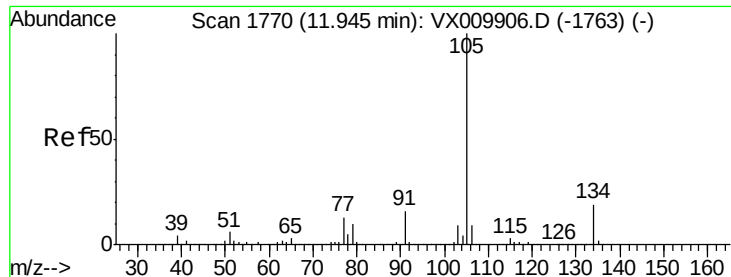
Tgt Ion:119 Resp: 136937
 Ion Ratio Lower Upper
 119 100
 91 59.0 29.5 88.5
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.366 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion:105 Resp: 143850
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.647 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

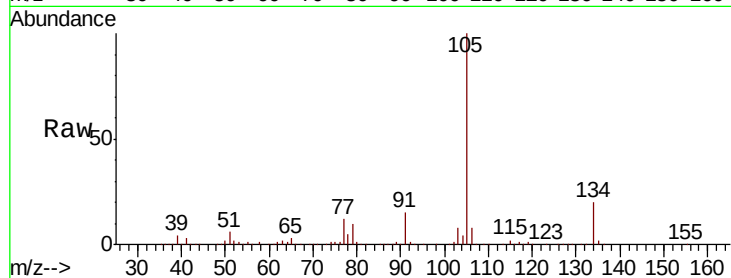
VX0605MBS01

Tgt Ion:105 Resp: 163561

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

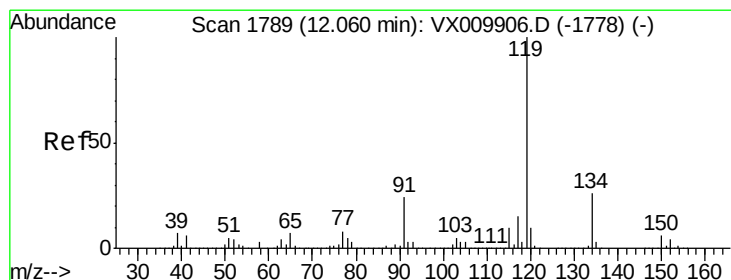
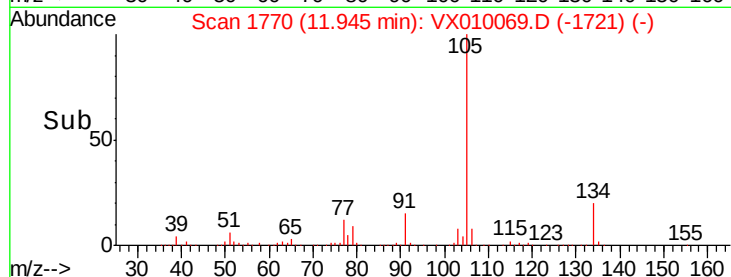
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.012 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

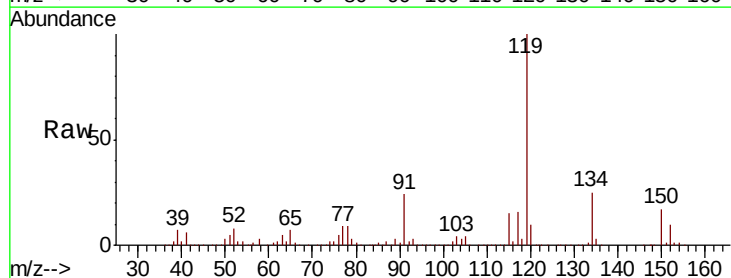
Tgt Ion:119 Resp: 149851

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

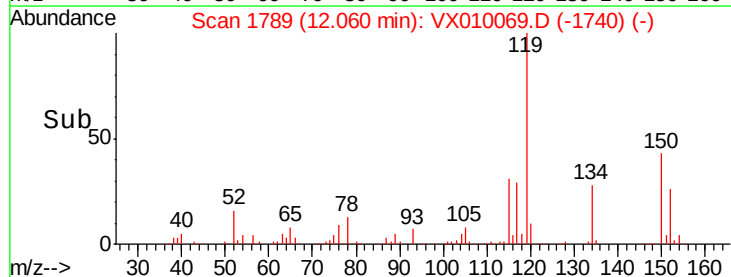
150000

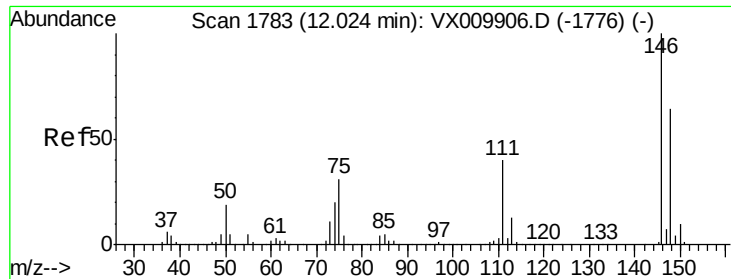
100000

50000

0

Time--> 12.00 12.10 12.20

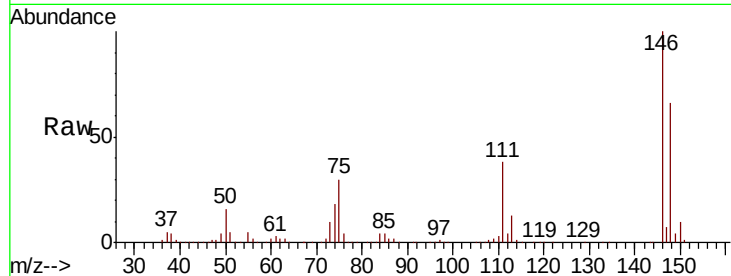




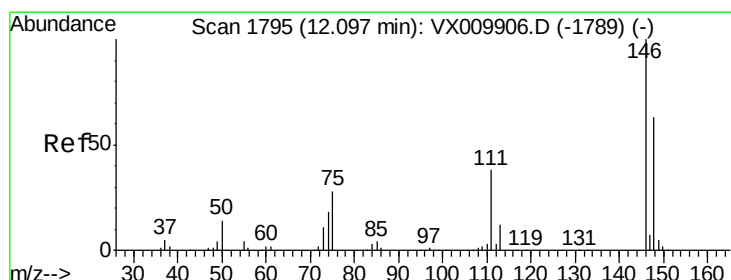
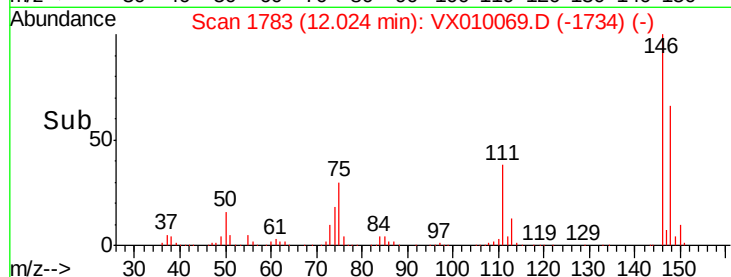
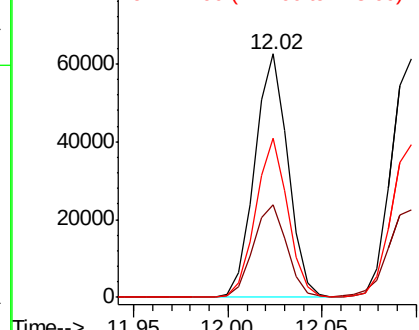
#87
 1,3-Dichlorobenzene
 Concen: 19.373 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

Tgt Ion:146 Resp: 76312
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.0 59.9
 148 63.2 31.8 95.3

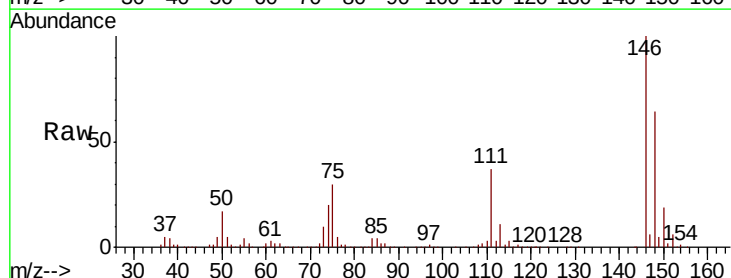


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

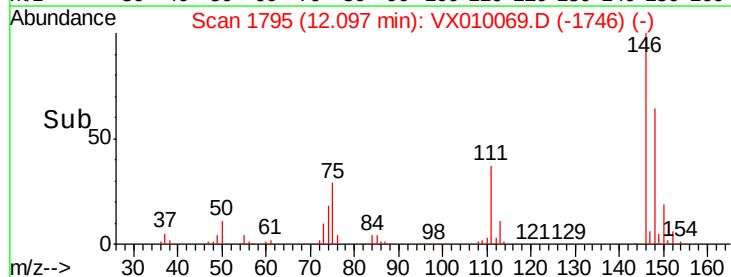
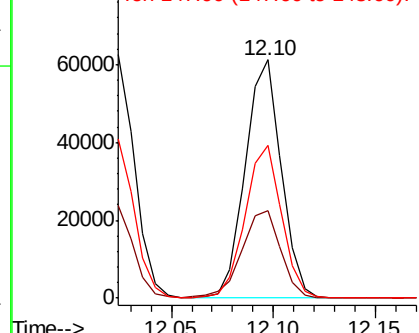


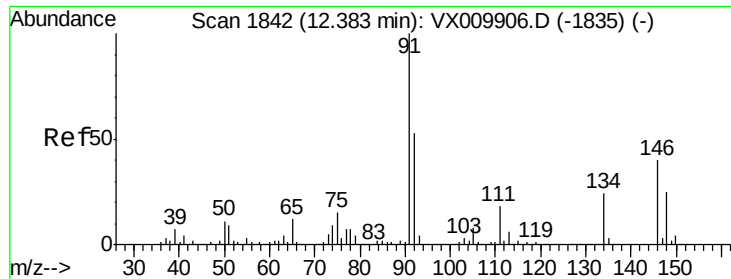
#88
 1,4-Dichlorobenzene
 Concen: 18.628 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion:146 Resp: 74832
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 65.4 31.8 95.3



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

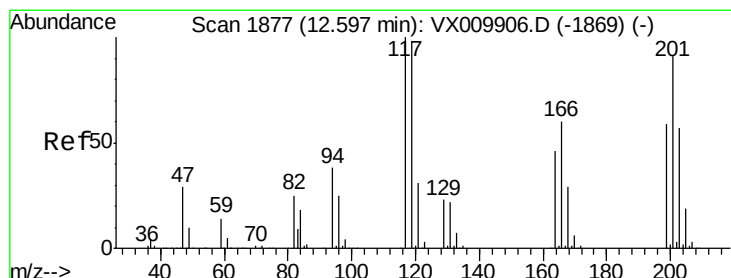
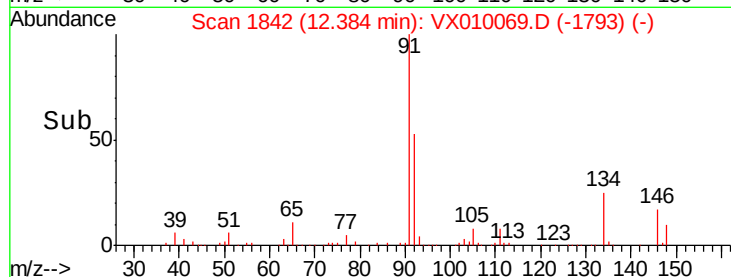
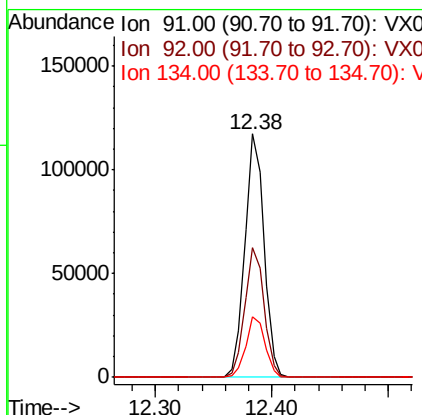
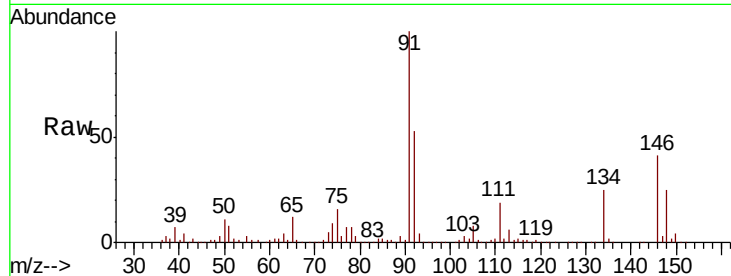




#89
n-Butylbenzene
Concen: 19.313 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

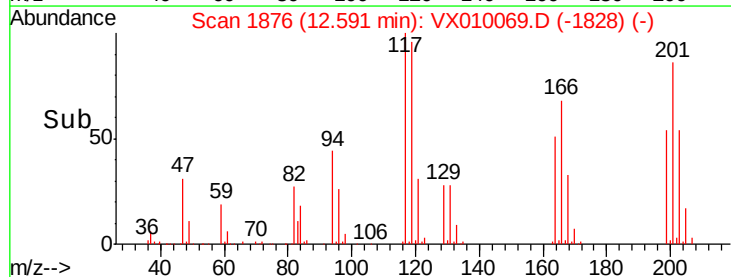
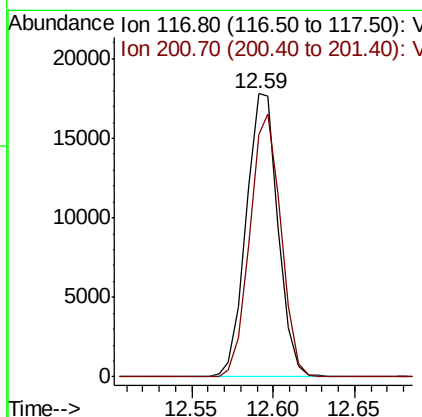
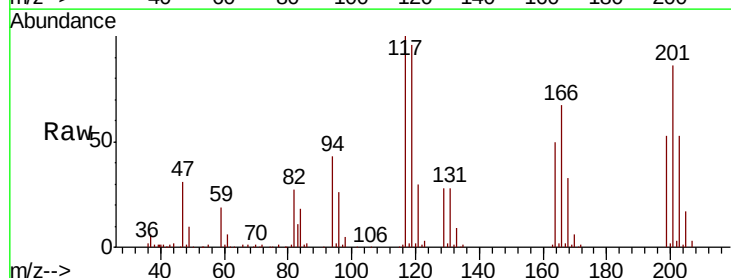
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBS01

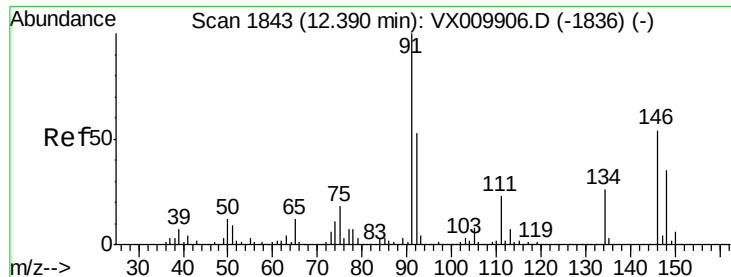
Tgt Ion: 91 Resp: 135910
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 25.0 12.4 37.2



#90
Hexachloroethane
Concen: 18.877 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010069.D
Acq: 05 Jun 2019 12:11

Tgt Ion: 117 Resp: 24257
Ion Ratio Lower Upper
117 100
201 90.5 42.3 126.9

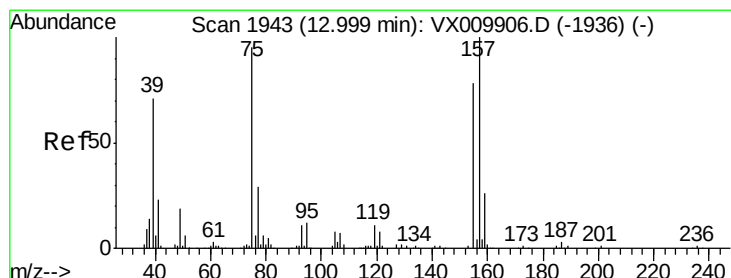
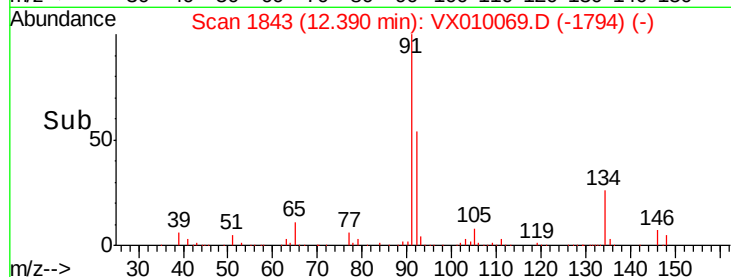
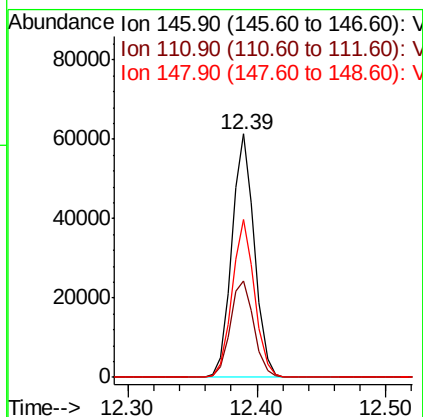
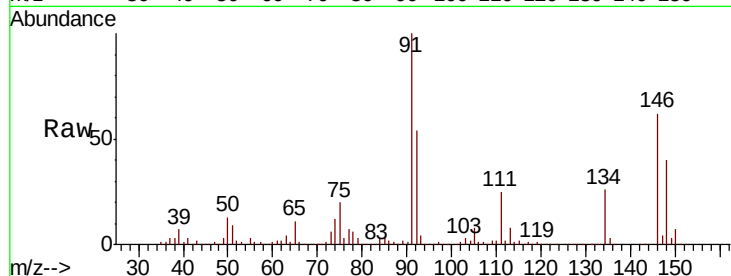




#91
 1,2-Dichlorobenzene
 Concen: 19.362 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

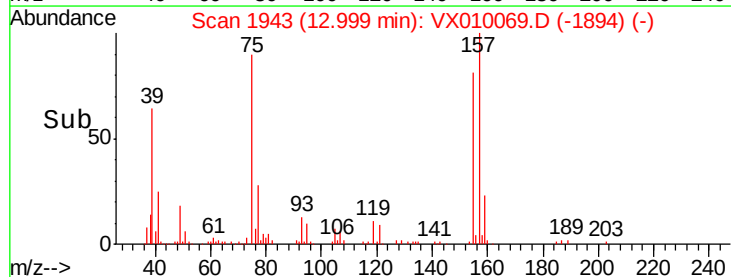
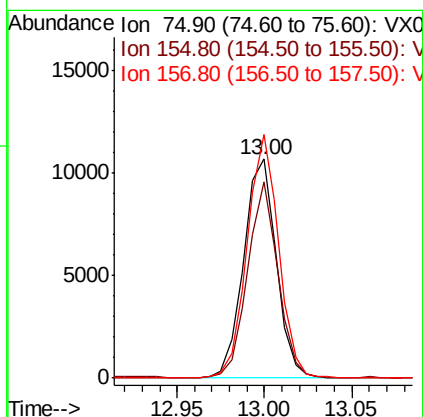
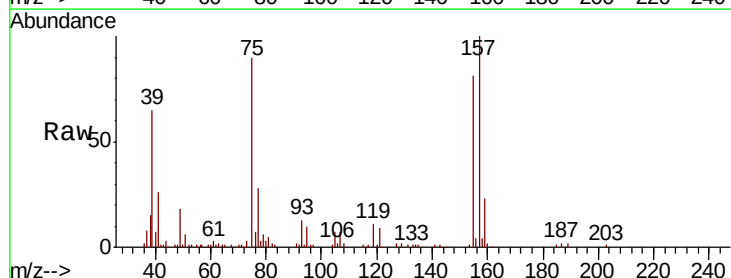
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

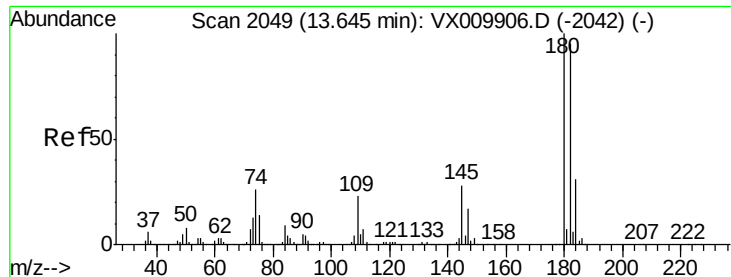
Tgt Ion:146 Resp: 75196
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 64.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.272 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion: 75 Resp: 13931
 Ion Ratio Lower Upper
 75 100
 155 82.9 42.0 126.0
 157 106.9 53.2 159.6

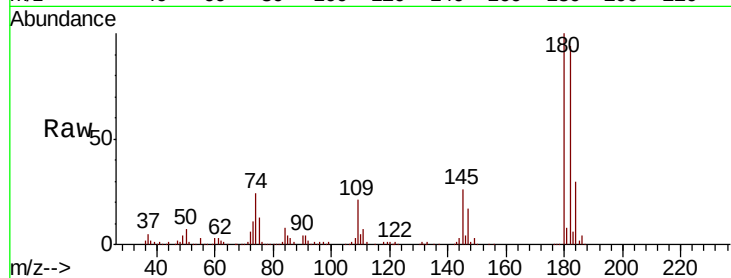




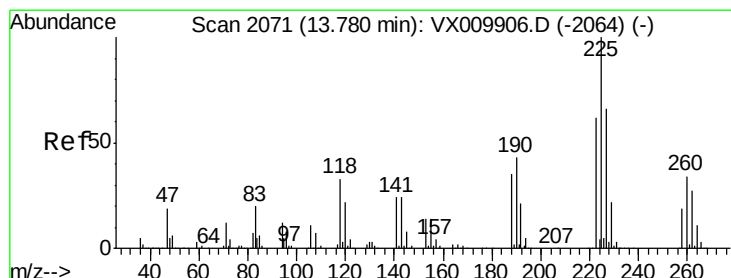
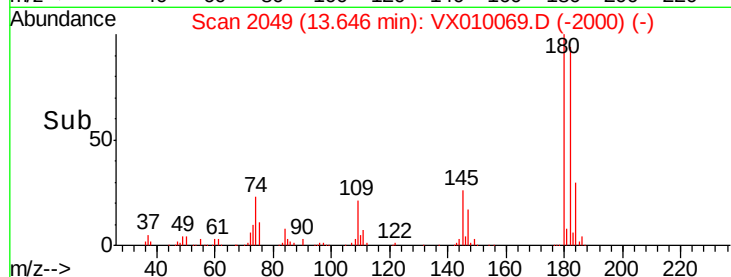
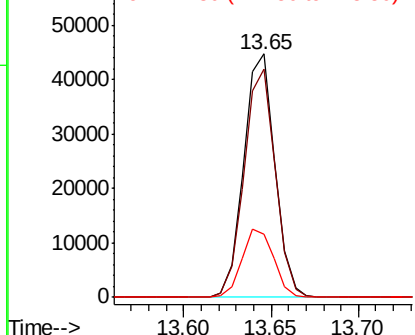
#93
 1,2,4-Trichlorobenzene
 Concen: 19.924 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

Tgt Ion:180 Resp: 55295
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.4 145.2
 145 28.7 14.6 43.8

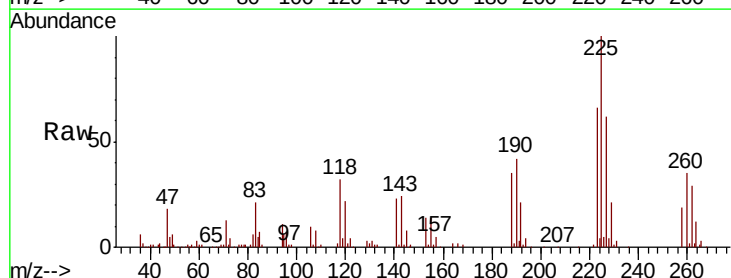


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

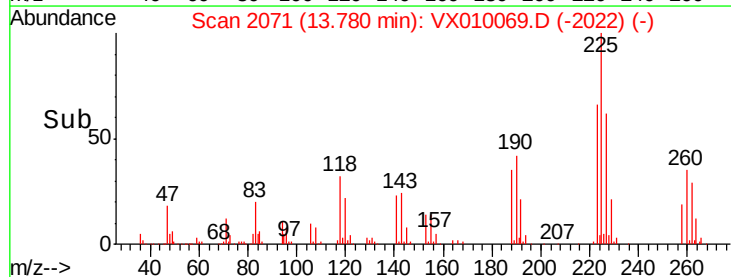
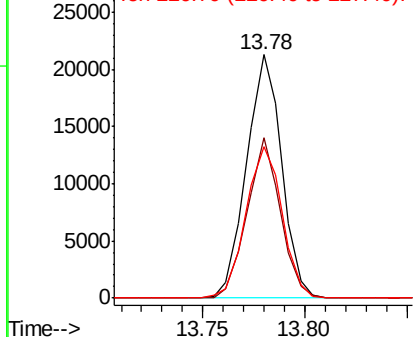


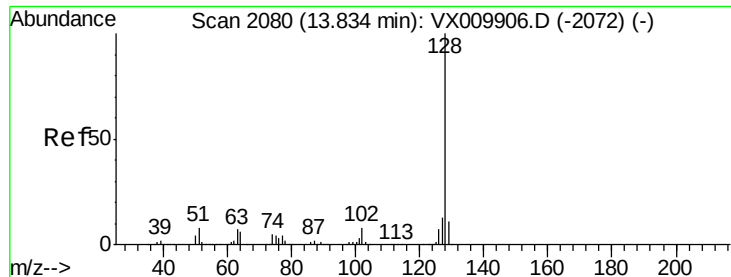
#94
 Hexachlorobutadiene
 Concen: 18.321 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010069.D
 Acq: 05 Jun 2019 12:11

Tgt Ion:225 Resp: 25504
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 64.2 31.8 95.3



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





#95

Naphthalene

Concen: 19.868 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBS01

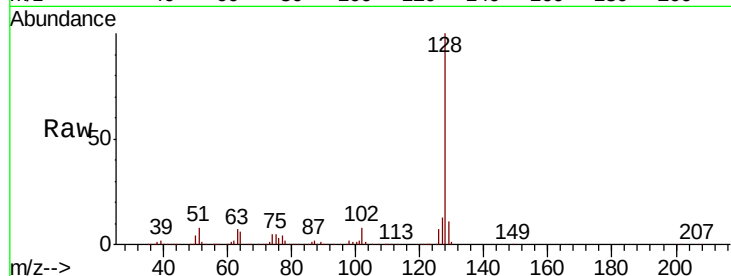
Tgt Ion:128 Resp: 171594

Ion Ratio Lower Upper

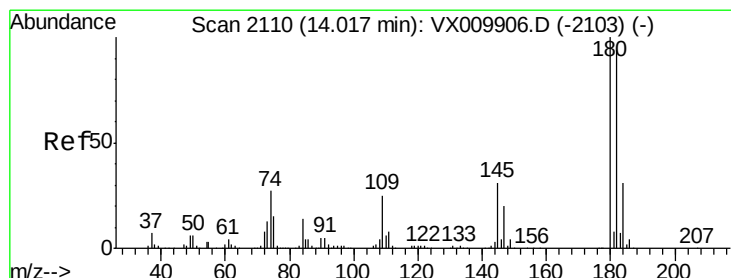
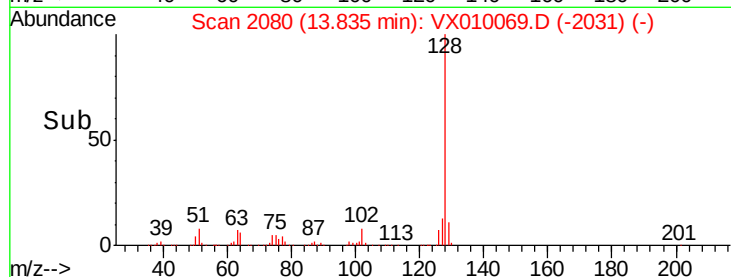
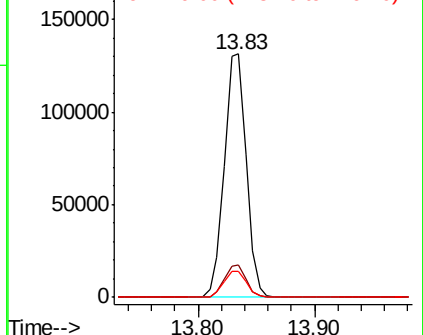
128 100

127 13.4 10.4 15.6

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.621 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010069.D

Acq: 05 Jun 2019 12:11

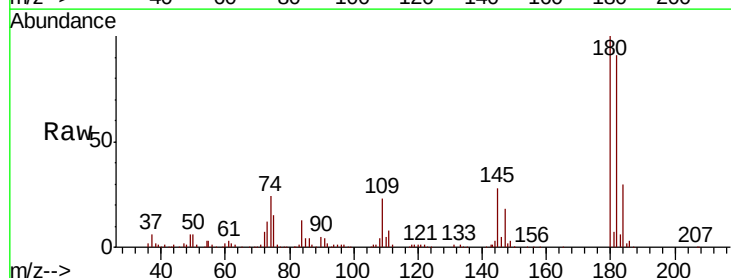
Tgt Ion:180 Resp: 54508

Ion Ratio Lower Upper

180 100

182 93.3 47.8 143.4

145 29.5 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

