

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002806.D
 Acq On : 22 Jun 2018 00:01
 Operator : JC/MD
 Sample : VX0621WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

Quant Time: Jun 22 02:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	160238	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	126921	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
50) Toluene-d8	8.72	98	447896	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	11.14	95	170955	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47910	19.12	ug/l	99
3) Chloromethane	1.32	50	50351	16.89	ug/l	100
4) Vinyl Chloride	1.40	62	55714	18.01	ug/l	99
5) Bromomethane	1.64	94	27110	14.52	ug/l	97
6) Chloroethane	1.72	64	36215	17.76	ug/l	100
7) Trichlorofluoromethane	1.93	101	95373	18.98	ug/l	98
8) Diethyl Ether	2.19	74	34045	17.81	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53320	18.98	ug/l	100
10) Methyl Iodide	2.51	142	49353	16.85	ug/l	99
11) Tert butyl alcohol	3.08	59	72020	97.11	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46660	17.69	ug/l	97
13) Acrolein	2.29	56	27389	83.48	ug/l	97
14) Allyl chloride	2.73	41	91948	17.56	ug/l	100
15) Acrylonitrile	3.15	53	151027	93.32	ug/l	100
16) Acetone	2.45	43	146628	92.64	ug/l	99
17) Carbon Disulfide	2.57	76	119465	19.10	ug/l	99
18) Methyl Acetate	2.78	43	92864	22.02	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	175729	17.76	ug/l	98
20) Methylene Chloride	2.86	84	54604	16.83	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	50427	17.62	ug/l	99
22) Diisopropyl ether	3.88	45	178409	18.83	ug/l	97
23) Vinyl Acetate	3.83	43	717333	90.45	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100351	19.51	ug/l	99
25) 2-Butanone	4.71	43	213123	102.53	ug/l	100
26) 2,2-Dichloropropane	4.59	77	51932	14.05	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	56478	19.40	ug/l	96
28) Bromochloromethane	5.03	49	42360	17.59	ug/l	96
29) Tetrahydrofuran	5.17	42	136378	100.11	ug/l	97
30) Chloroform	5.22	83	99260	20.01	ug/l	96
31) Cyclohexane	5.57	56	79613	18.80	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	86279	20.80	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69091	19.40	ug/l	98
37) Ethyl Acetate	4.87	43	79535	19.73	ug/l	99
38) Carbon Tetrachloride	5.78	117	75928	21.41	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
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Quant Time: Jun 22 02:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78698	18.90	ug/l	98
40) Benzene	6.15	78	207947	19.47	ug/l	100
41) Methacrylonitrile	5.07	41	45315	19.91	ug/l	97
42) 1,2-Dichloroethane	6.20	62	83893	20.29	ug/l	99
43) Isopropyl Acetate	6.47	43	126203	18.90	ug/l	99
44) Trichloroethene	7.22	130	60566	19.65	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54800	19.50	ug/l	98
46) Dibromomethane	7.67	93	38969	20.73	ug/l	99
47) Bromodichloromethane	7.90	83	69872	21.07	ug/l	98
48) Methyl methacrylate	7.78	41	66710	19.55	ug/l	97
49) 1,4-Dioxane	7.76	88	28022	433.58	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	435096	101.47	ug/l	99
52) Toluene	8.79	92	135235	19.85	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	75735	18.82	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	68680	18.56	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56256	20.44	ug/l	99
56) Ethyl methacrylate	9.18	69	80872	19.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	91429	19.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	165657	80.86	ug/l	98
59) 2-Hexanone	9.50	43	331642	102.64	ug/l	99
60) Dibromochloromethane	9.59	129	56206	20.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58079	20.37	ug/l	99
64) Tetrachloroethene	9.34	164	71530	20.17	ug/l	96
65) Chlorobenzene	10.14	112	156808	19.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56418	21.09	ug/l	99
67) Ethyl Benzene	10.26	91	258305	19.52	ug/l	99
68) m/p-Xylenes	10.36	106	199576	39.10	ug/l	100
69) o-Xylene	10.70	106	97295	19.40	ug/l	99
70) Styrene	10.71	104	162568	19.71	ug/l	99
71) Bromoform	10.86	173	43100	20.83	ug/l #	99
73) Isopropylbenzene	11.02	105	267698	20.31	ug/l	100
74) N-amyl acetate	6.47	43	126203	19.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82073	21.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91784	24.68	ug/l	79
77) Bromobenzene	11.26	156	75582	20.58	ug/l	96
78) n-propylbenzene	11.37	91	299226	19.80	ug/l	99
79) 2-Chlorotoluene	11.43	91	182423	20.21	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222249	19.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17512	17.99	ug/l	88
82) 4-Chlorotoluene	11.51	91	212482	19.95	ug/l	99
83) tert-Butylbenzene	11.77	119	215562	20.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	228220	20.08	ug/l	98
85) sec-Butylbenzene	11.95	105	264511	19.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	235472	19.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	133835	19.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134302	19.60	ug/l	99
89) n-Butylbenzene	12.39	91	197090	18.51	ug/l	99
90) Hexachloroethane	12.60	117	32977	19.23	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	134537	19.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18323	22.48	ug/l	97

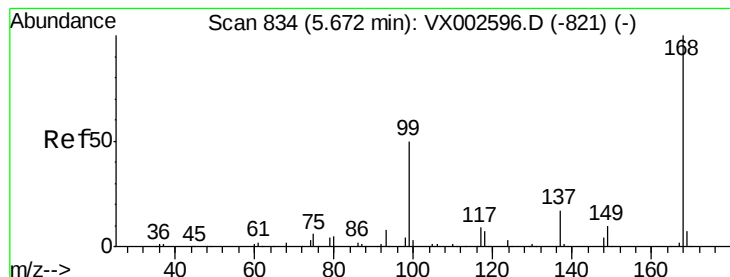
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94947	19.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	49230	19.00	ug/l	99
95) Naphthalene	13.84	128	271453	20.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99508	20.14	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

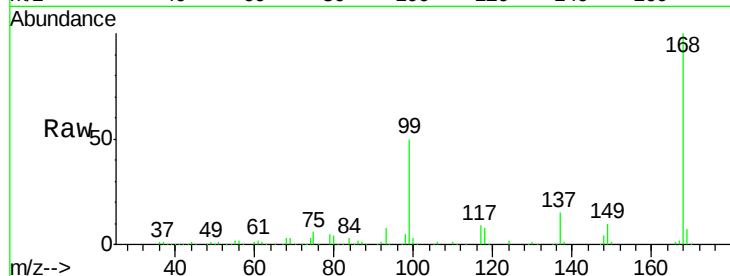
VX0621WBS02

Tot Ion:168 Resp: 236074

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9

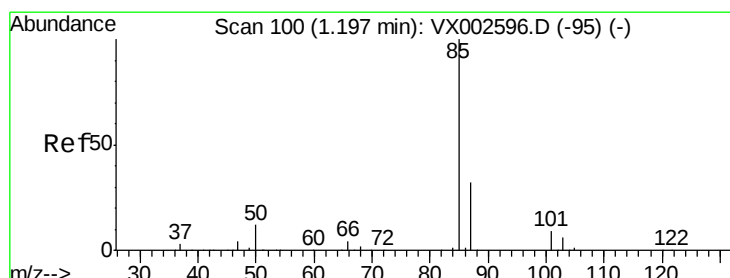
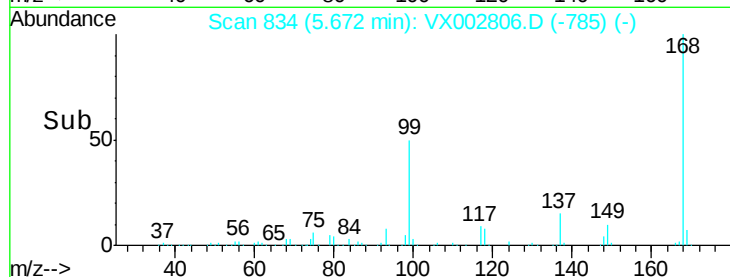


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 19.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002806.D

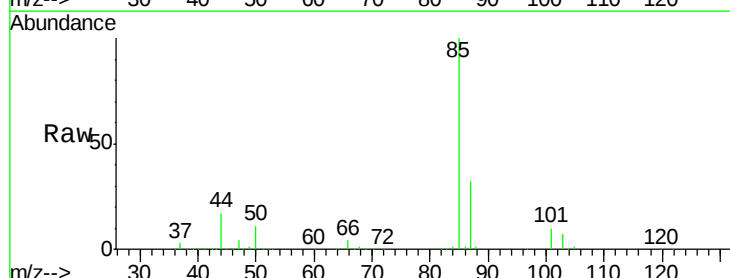
Acq: 22 Jun 2018 00:01

Tgt Ion: 85 Resp: 47910

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9

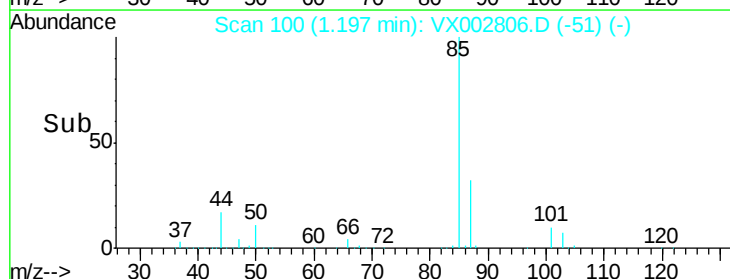


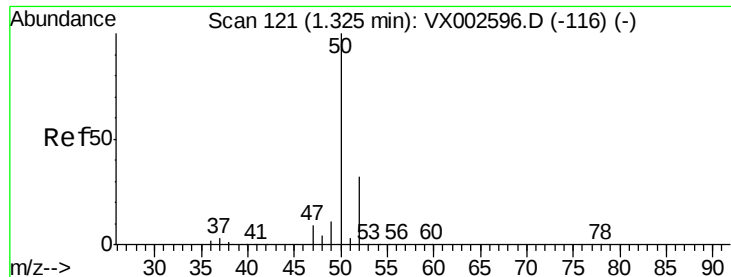
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 16.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampled :

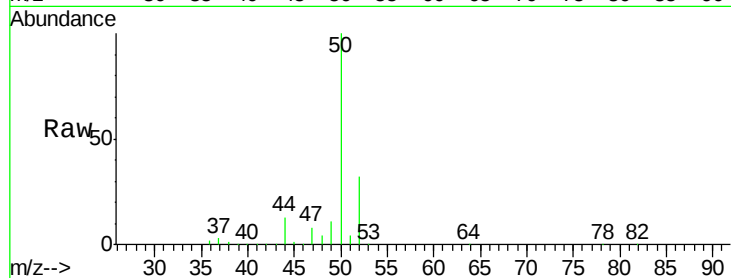
VX0621WBS02

Tot Ion: 50 Resp: 50351

Ion Ratio Lower Upper

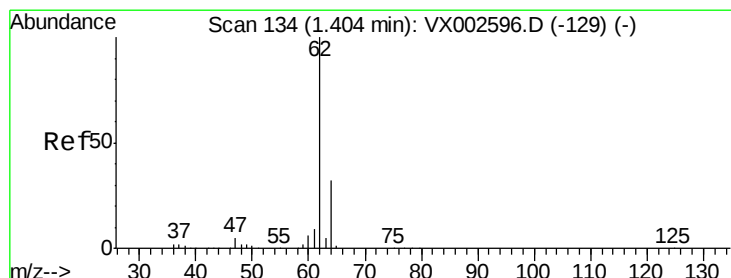
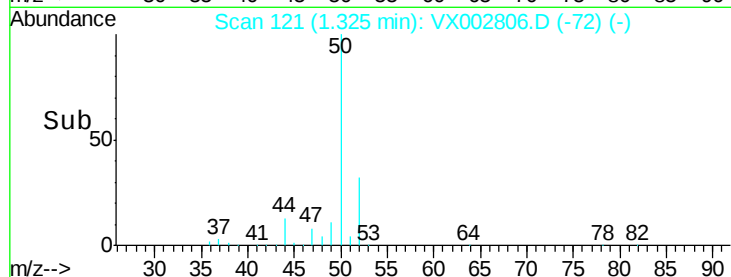
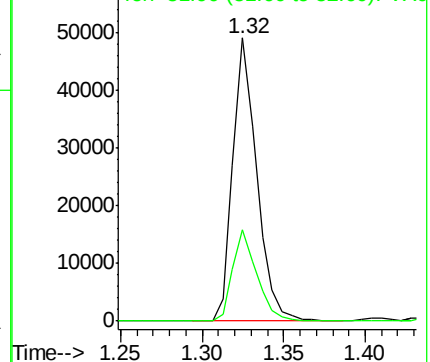
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.01 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002806.D

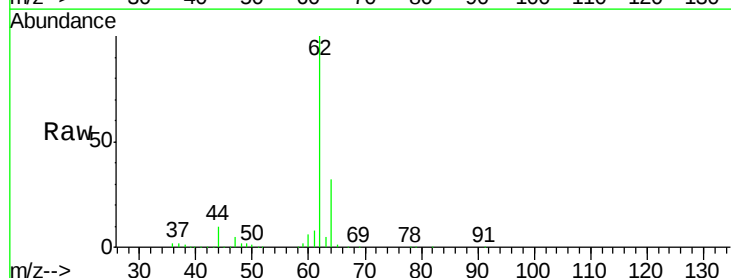
Acq: 22 Jun 2018 00:01

Tgt Ion: 62 Resp: 55714

Ion Ratio Lower Upper

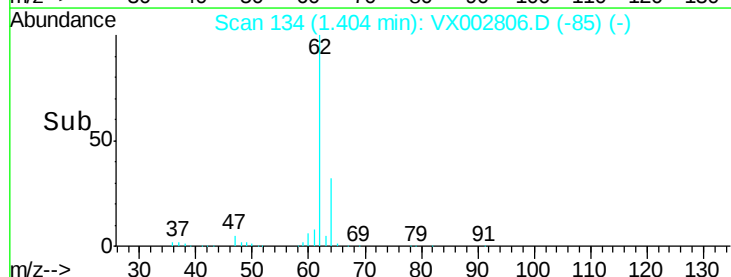
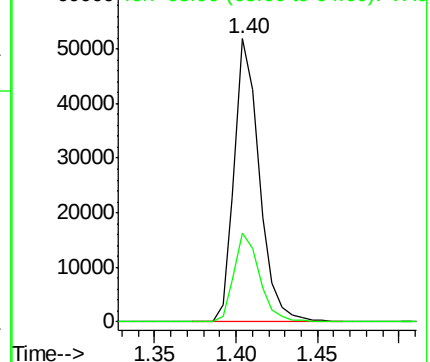
62 100

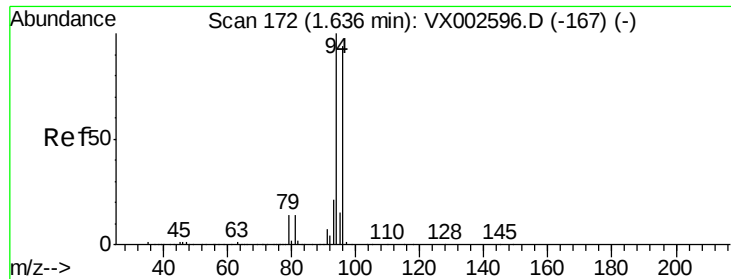
64 31.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.52 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

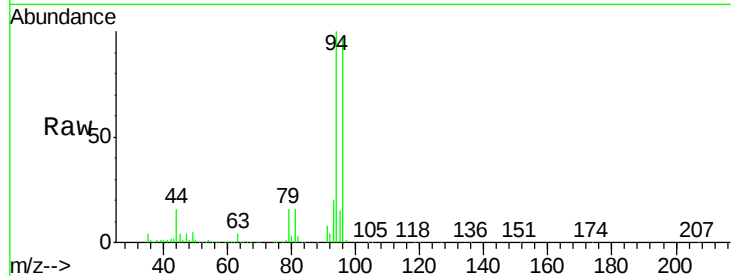
VX0621WBS02

Tot Ion: 94 Resp: 27110

Ion Ratio Lower Upper

94 100

96 96.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

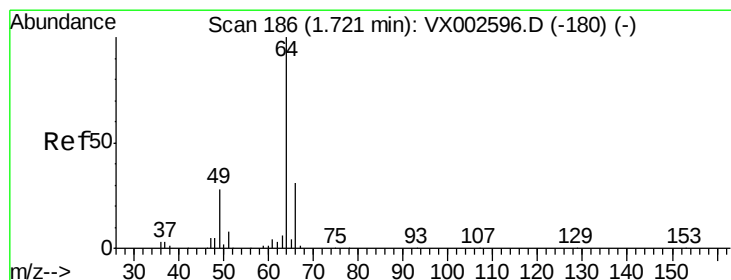
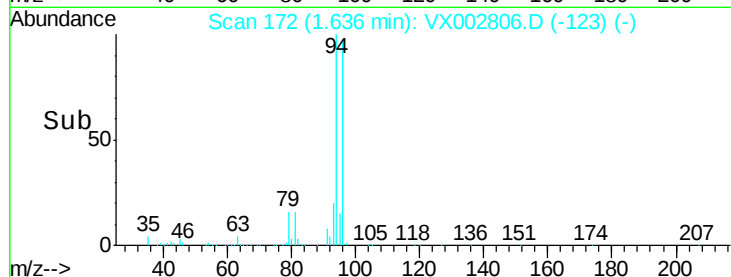
10000

5000

0

Time-->

1.60 1.70 1.80



#6

Chloroethane

Concen: 17.76 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002806.D

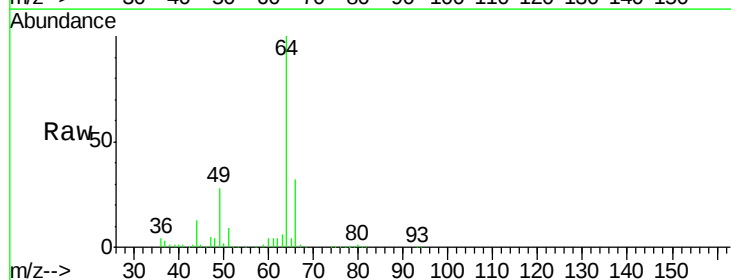
Acq: 22 Jun 2018 00:01

Tgt Ion: 64 Resp: 36215

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

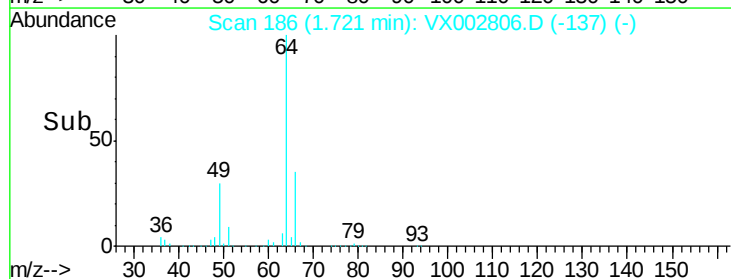
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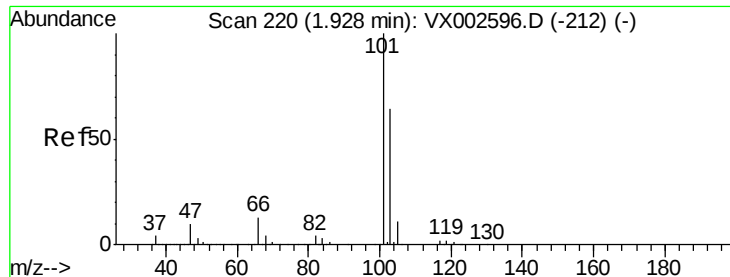
5000

0

Time-->

1.70 1.80





#7

Trichlorofluoromethane

Concen: 18.98 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

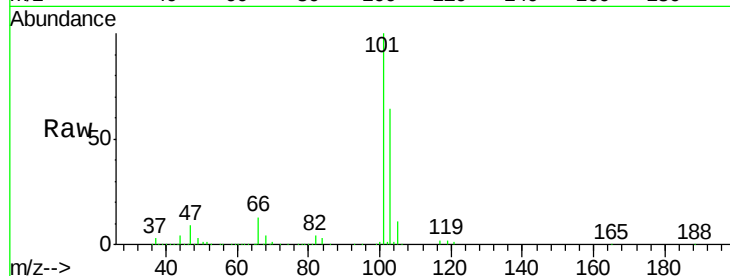
VX0621WBS02

Tot Ion:101 Resp: 95373

Ion Ratio Lower Upper

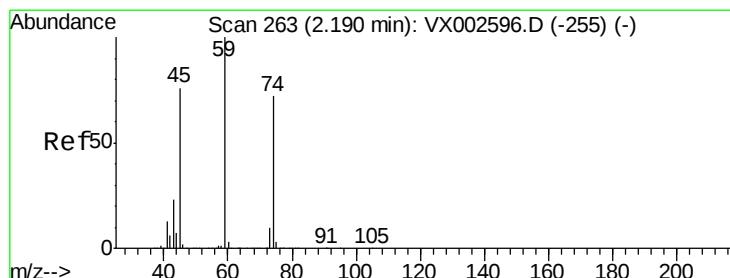
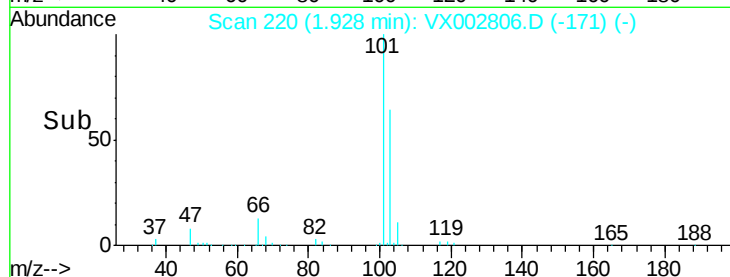
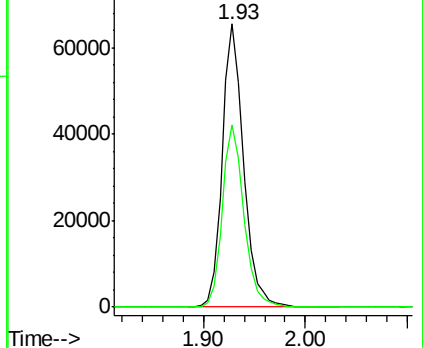
101 100

103 64.4 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.81 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002806.D

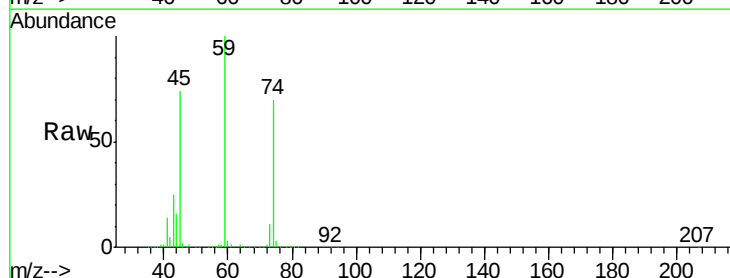
Acq: 22 Jun 2018 00:01

Tgt Ion: 74 Resp: 34045

Ion Ratio Lower Upper

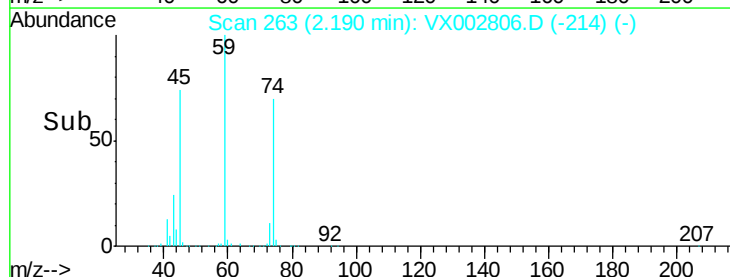
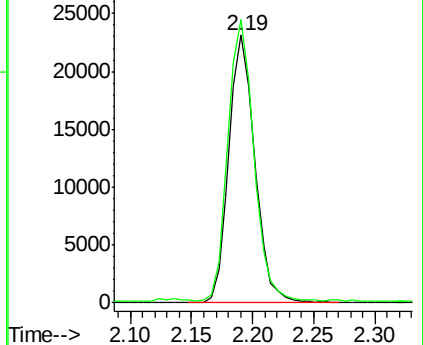
74 100

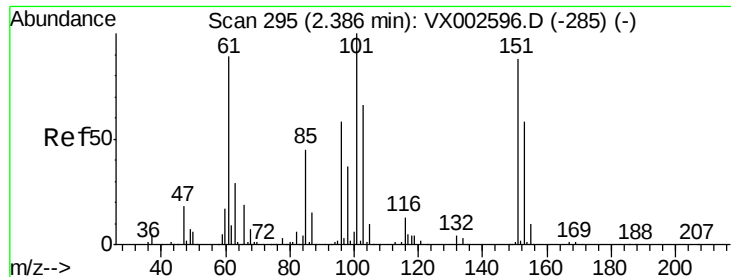
45 104.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

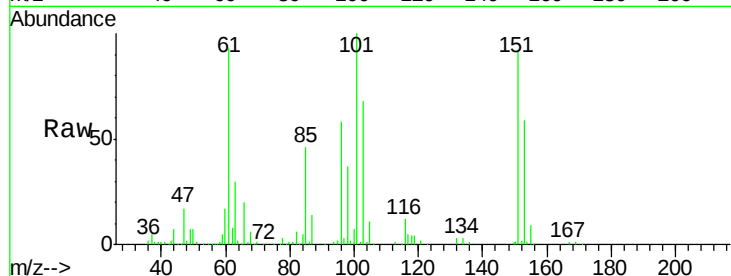
Tot Ion:101 Resp: 53320

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

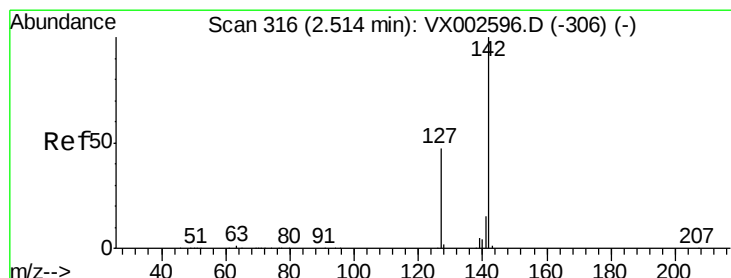
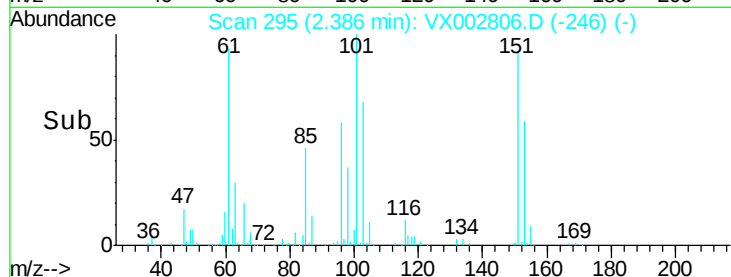
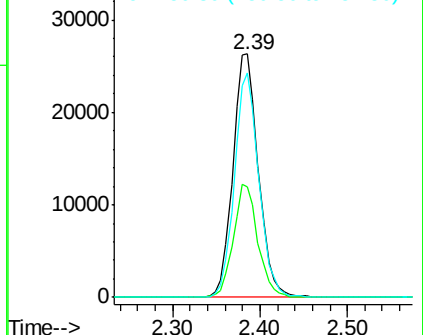
151 88.2 70.9 106.3



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: 16.85 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

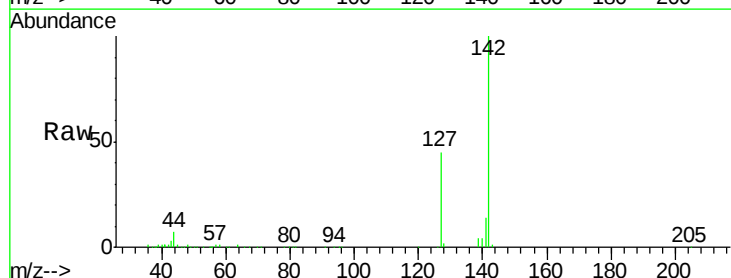
Tgt Ion:142 Resp: 49353

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

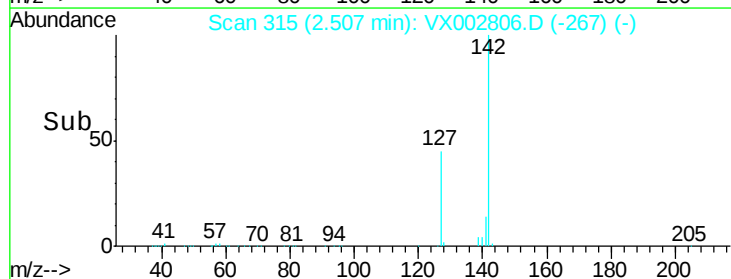
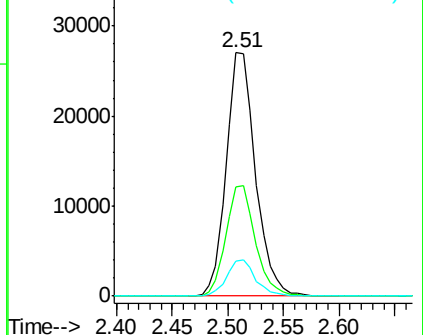
141 14.6 11.3 16.9

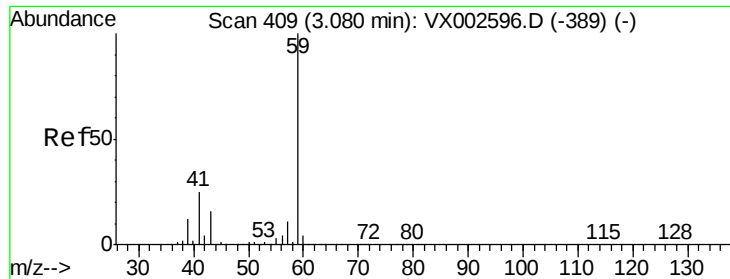


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



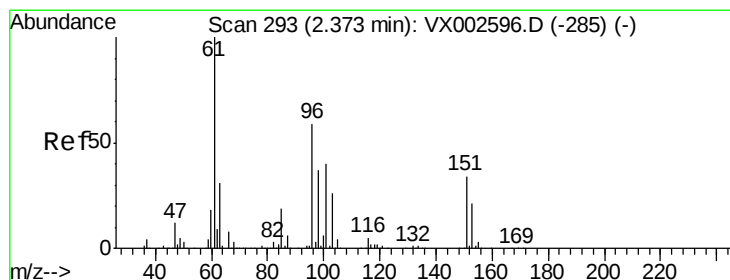
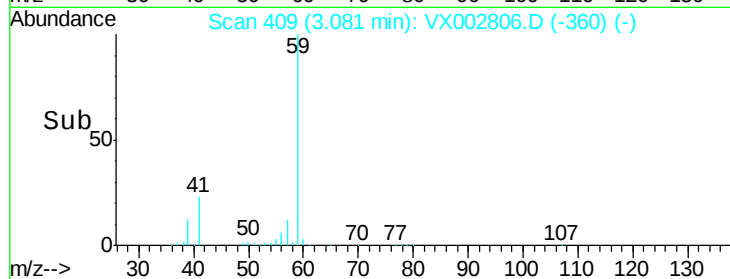
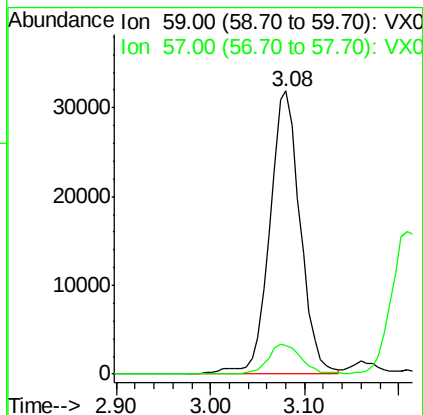
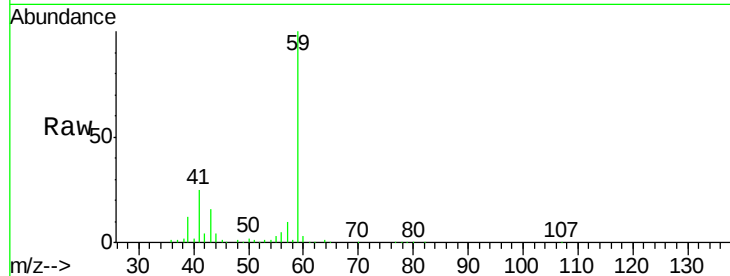


#11

Tert butyl alcohol
 Concen: 97.11 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

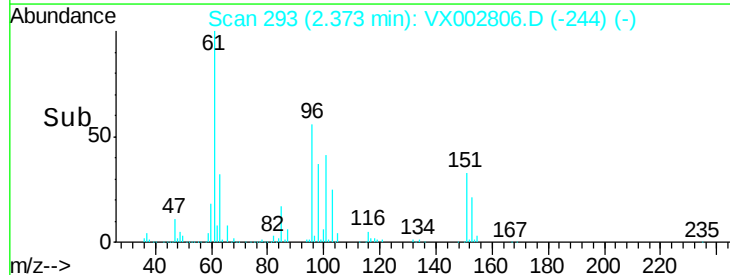
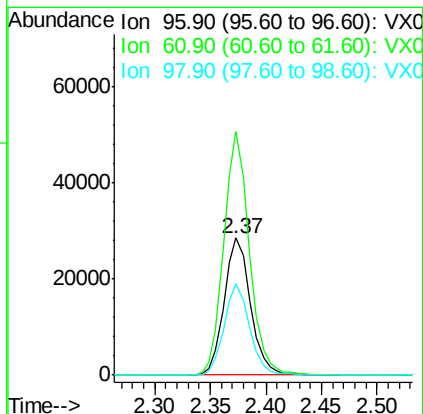
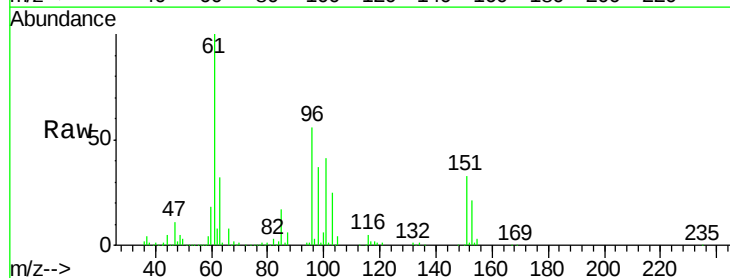
Tot Ion: 59 Resp: 72020
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.2 12.2

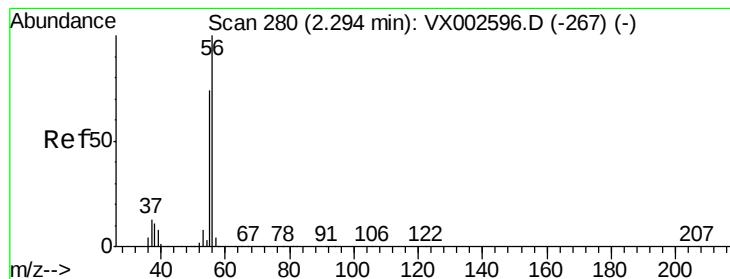


#12

1,1-Dichloroethene
 Concen: 17.69 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion: 96 Resp: 46660
 Ion Ratio Lower Upper
 96 100
 61 177.4 137.9 206.9
 98 66.5 51.6 77.4





#13

Acrolein

Concen: 83.48 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

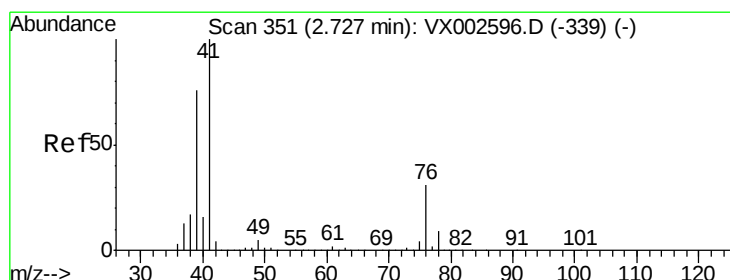
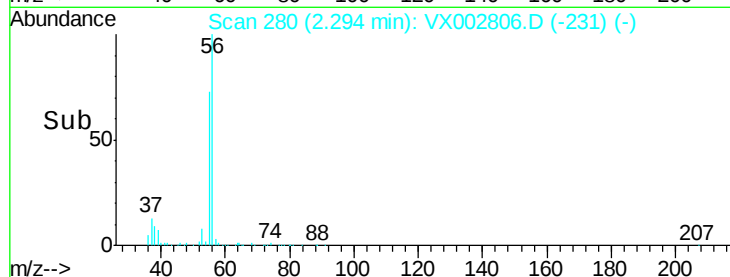
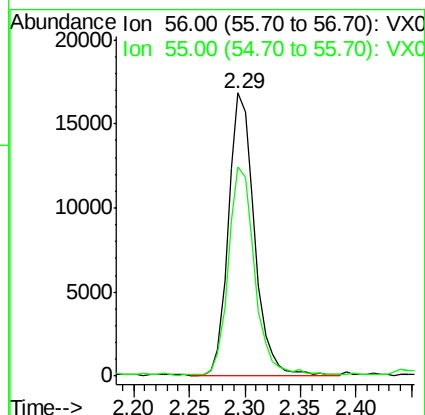
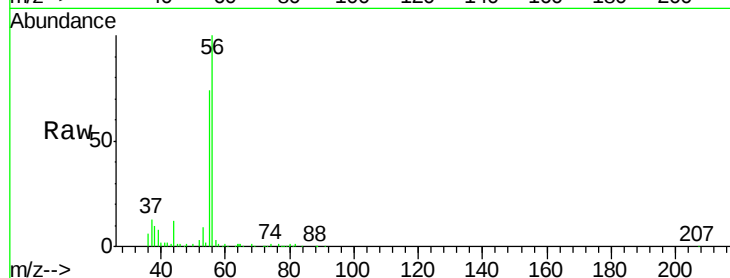
VX0621WBS02

Tot Ion: 56 Resp: 27389

Ion Ratio Lower Upper

56 100

55 73.8 57.0 85.4



#14

Allyl chloride

Concen: 17.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

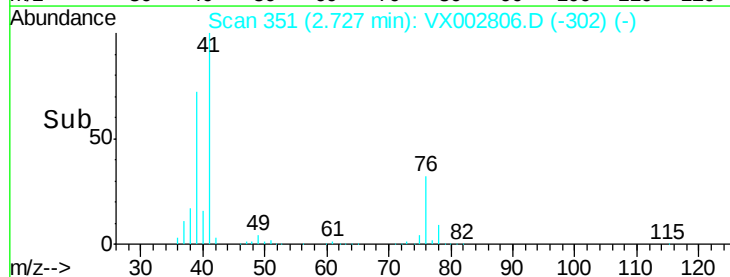
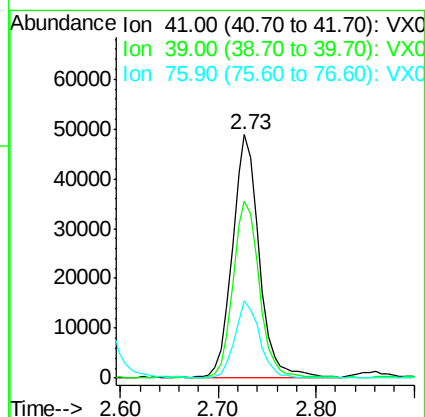
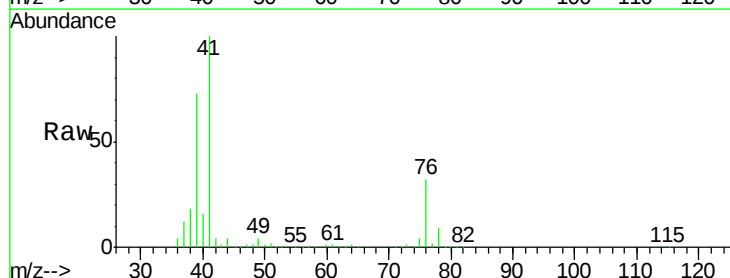
Tgt Ion: 41 Resp: 91948

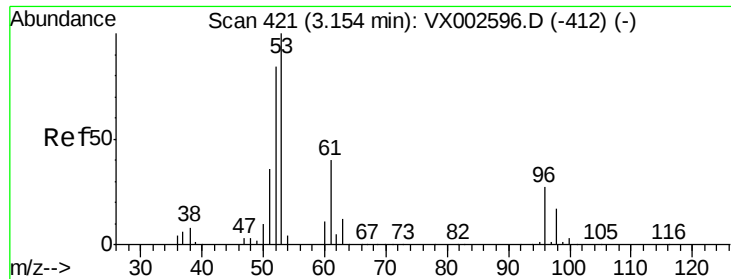
Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 93.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

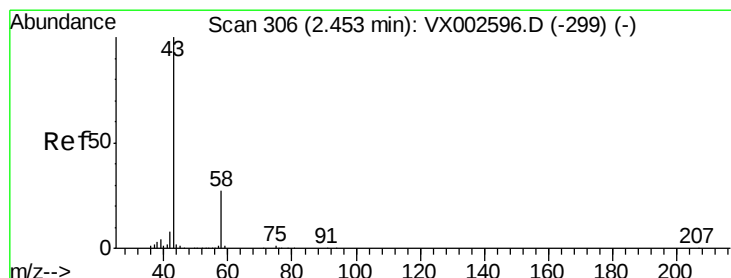
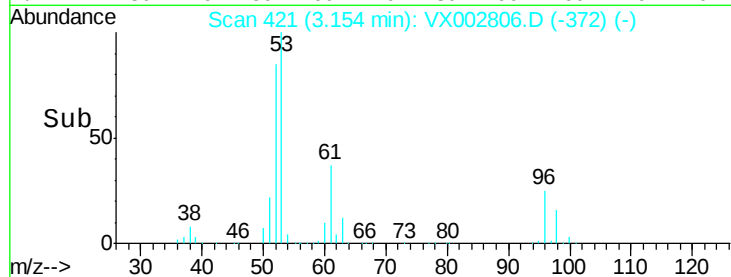
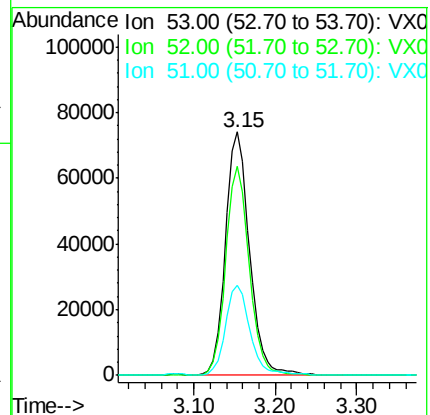
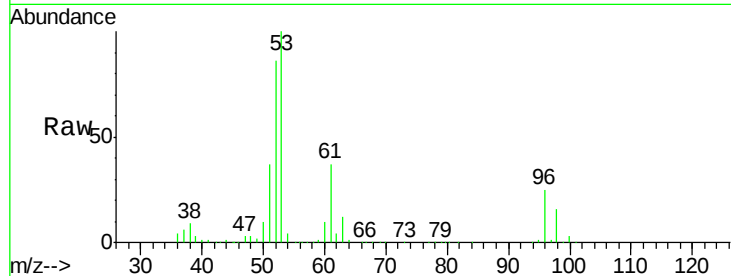
Tot Ion: 53 Resp: 151027

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

51 37.5 29.9 44.9



#16

Acetone

Concen: 92.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002806.D

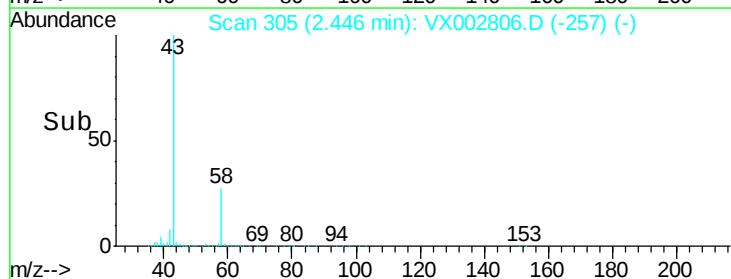
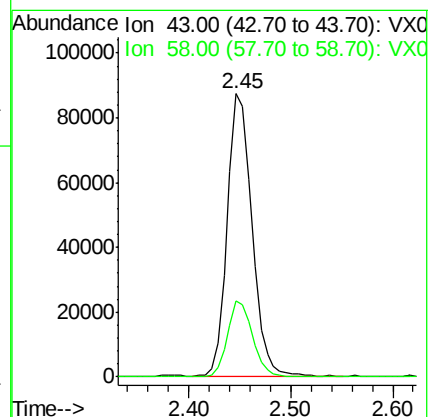
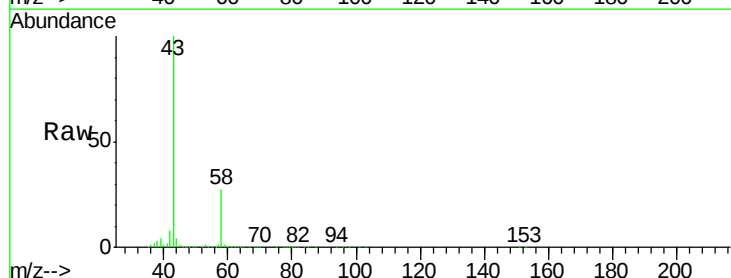
Acq: 22 Jun 2018 00:01

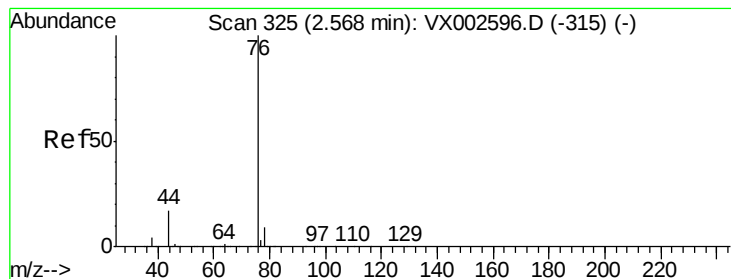
Tgt Ion: 43 Resp: 146628

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1





#17

Carbon Disulfide

Concen: 19.10 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

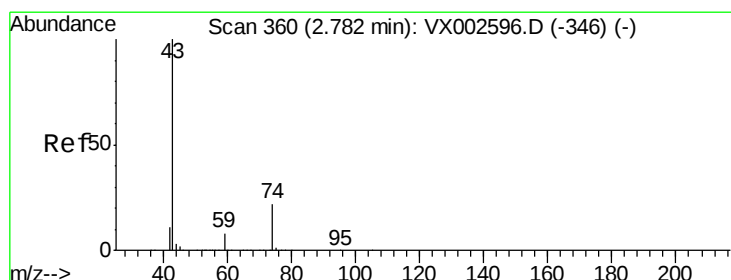
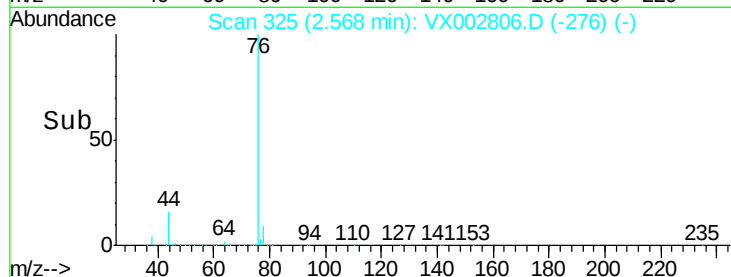
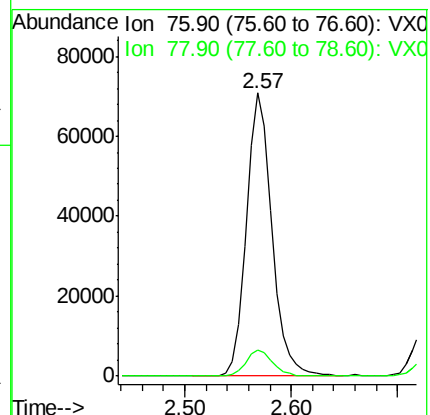
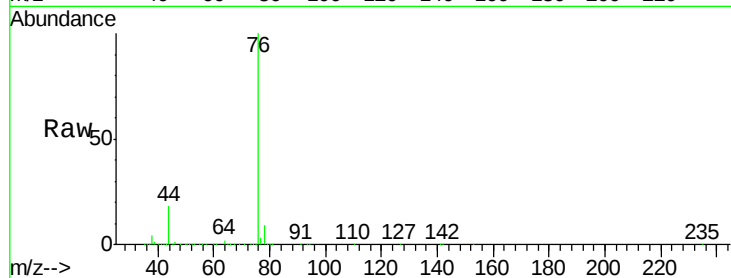
VX0621WBS02

Tot Ion: 76 Resp: 119465

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



#18

Methyl Acetate

Concen: 22.02 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002806.D

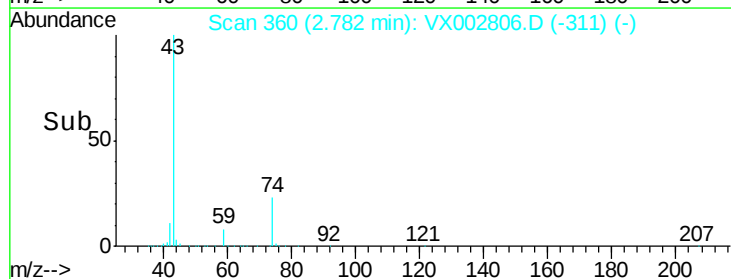
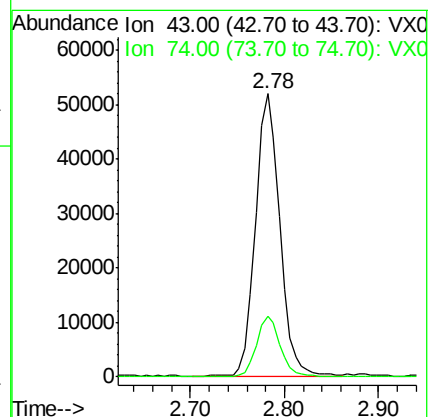
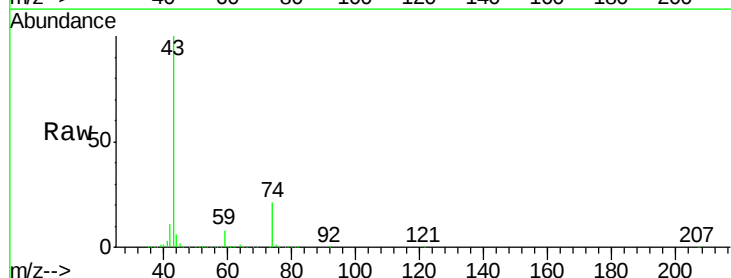
Acq: 22 Jun 2018 00:01

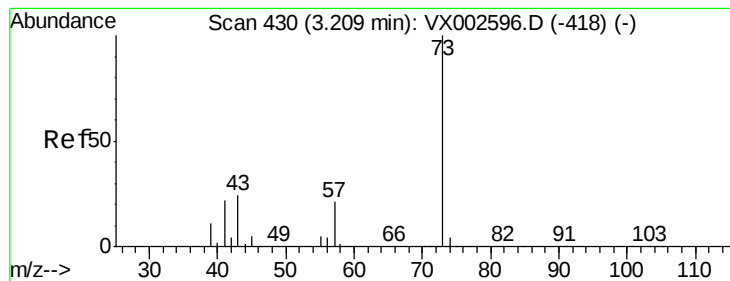
Tgt Ion: 43 Resp: 92864

Ion Ratio Lower Upper

43 100

74 20.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 17.76 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

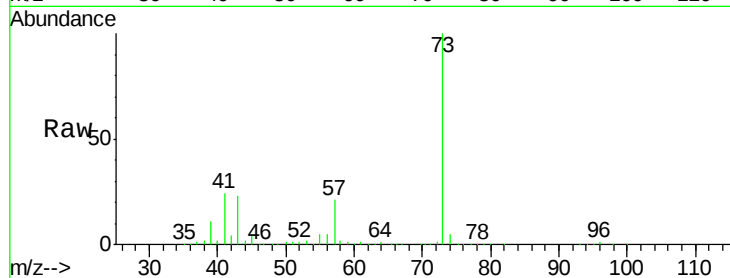
VX0621WBS02

Tot Ion: 73 Resp: 175729

Ion Ratio Lower Upper

73 100

57 21.1 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

80000

60000

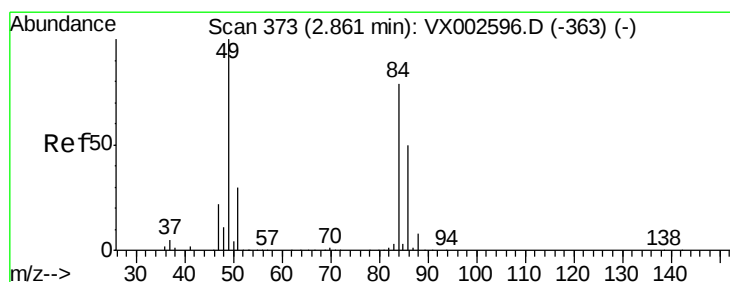
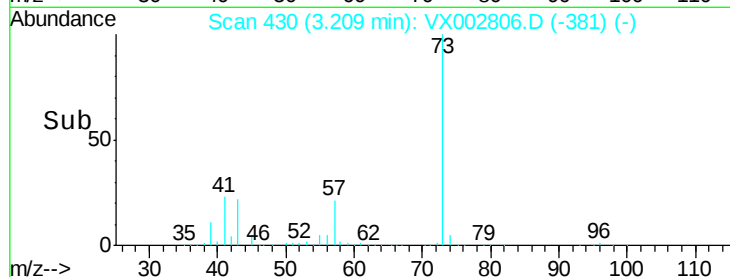
40000

20000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 16.83 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Tgt Ion: 84 Resp: 54604

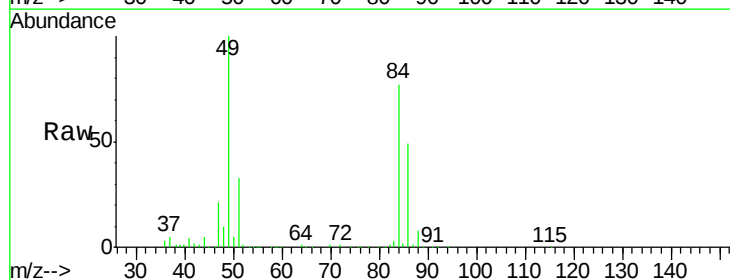
Ion Ratio Lower Upper

84 100

49 129.8 107.8 161.6

51 42.3 32.8 49.2

86 63.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

30000

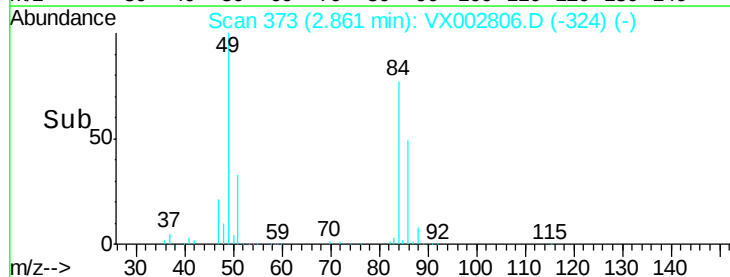
20000

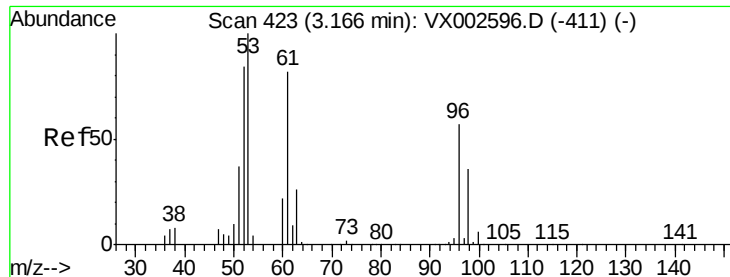
10000

0

Time-->

2.80 2.90





#21

trans-1,2-Dichloroethene

Concen: 17.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

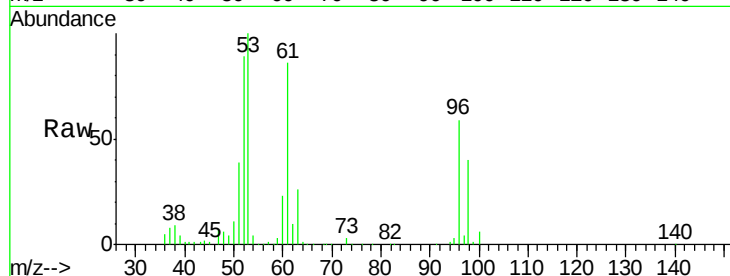
Tot Ion: 96 Resp: 50427

Ion Ratio Lower Upper

96 100

61 146.3 117.0 175.4

98 67.4 52.4 78.6

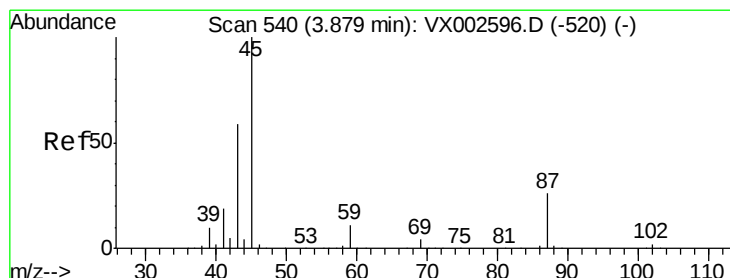
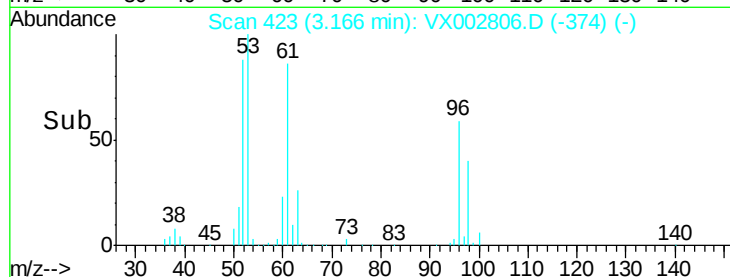
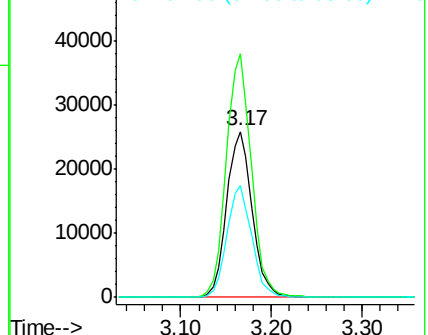


Abundance

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: 18.83 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Tgt Ion: 45 Resp: 178409

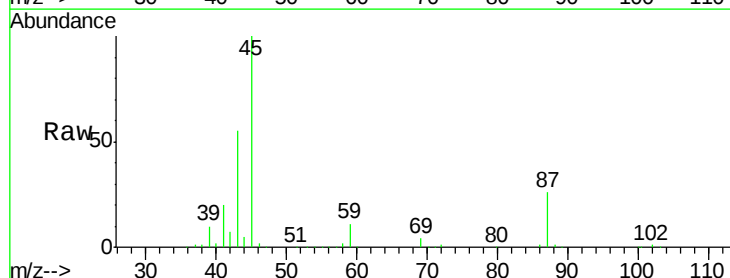
Ion Ratio Lower Upper

45 100

43 55.0 46.8 70.2

87 25.7 20.2 30.4

59 11.0 8.7 13.1



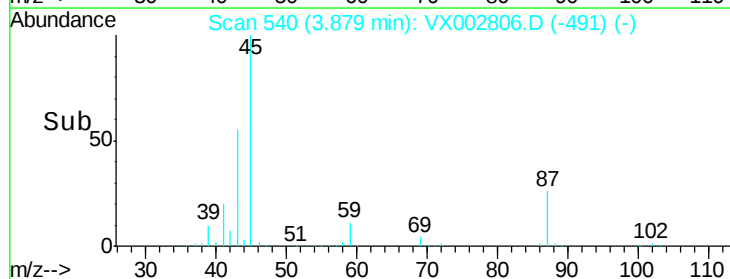
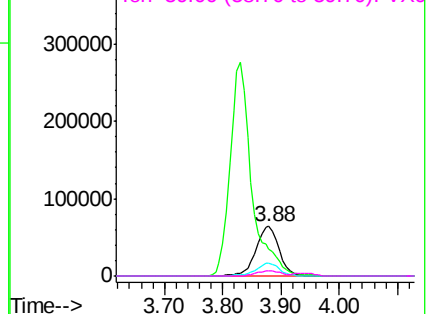
Abundance

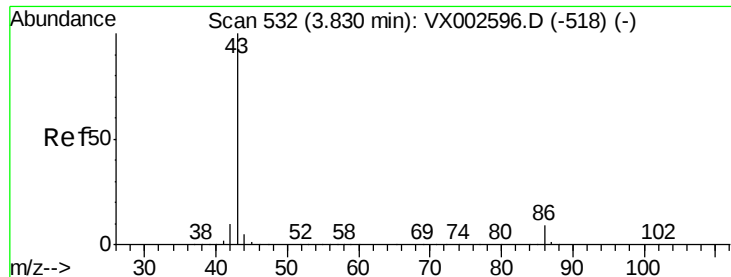
Ion 45.00 (44.70 to 45.70): VX0

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: 90.45 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

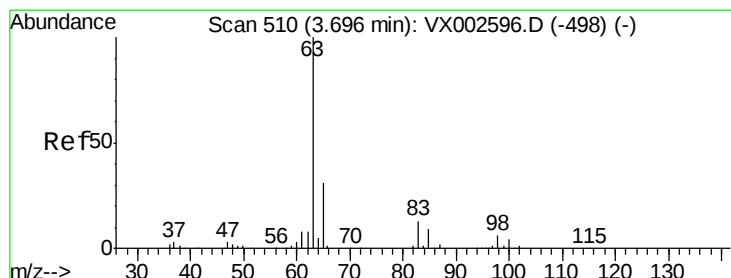
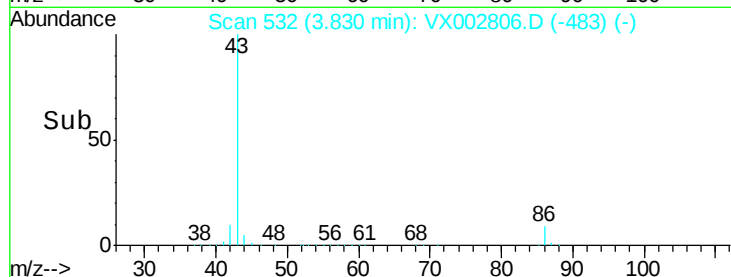
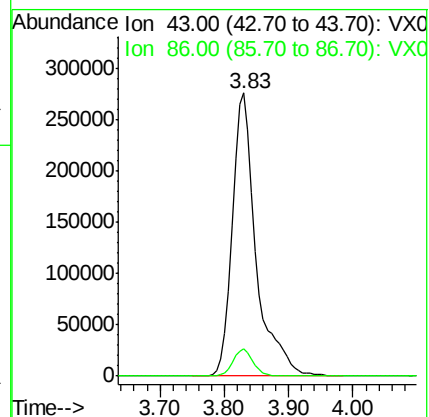
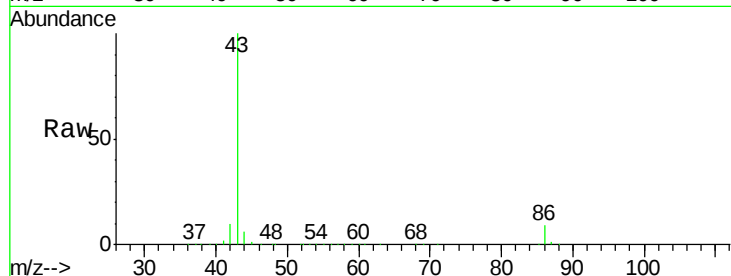
VX0621WBS02

Tot Ion: 43 Resp: 717333

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.51 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

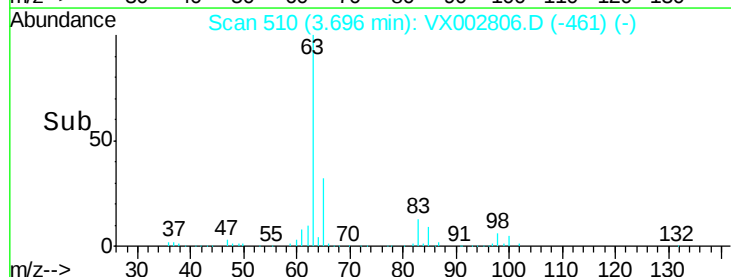
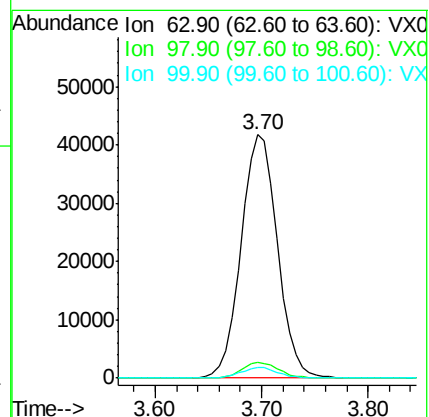
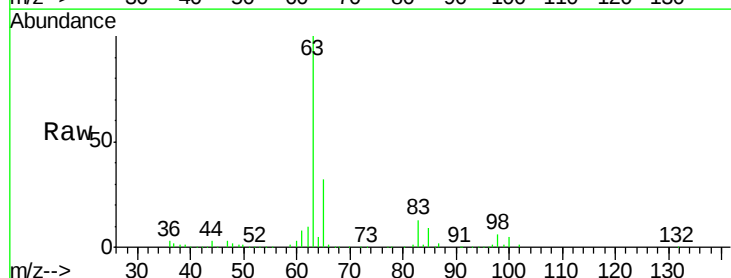
Tgt Ion: 63 Resp: 100351

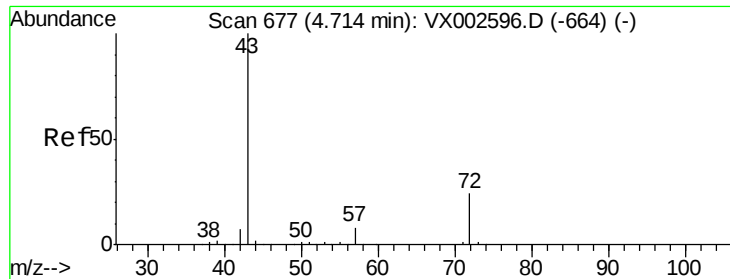
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 102.53 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

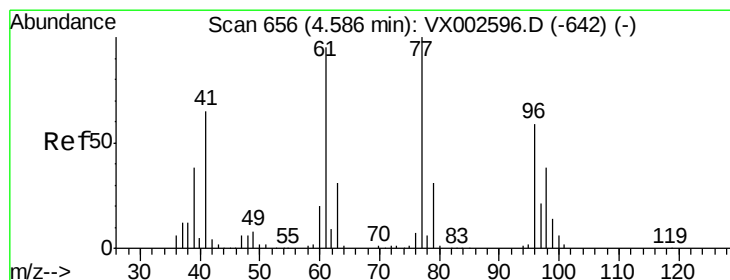
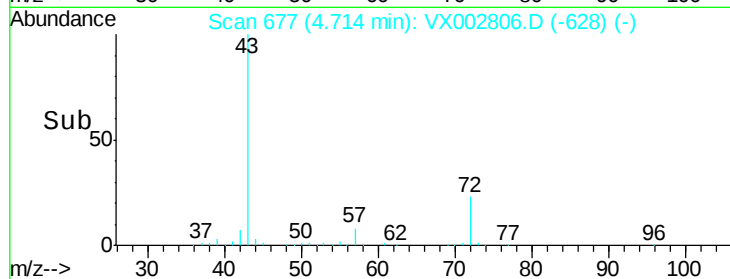
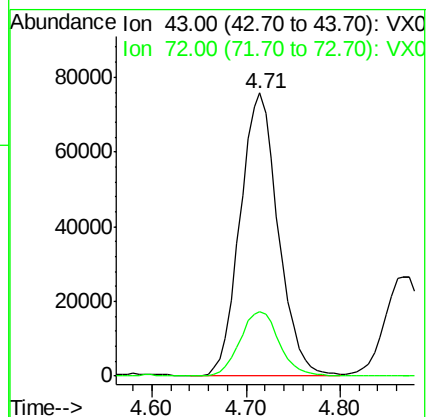
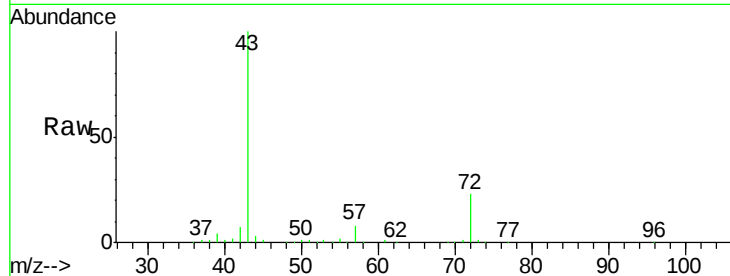
VX0621WBS02

Tot Ion: 43 Resp: 213123

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 14.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002806.D

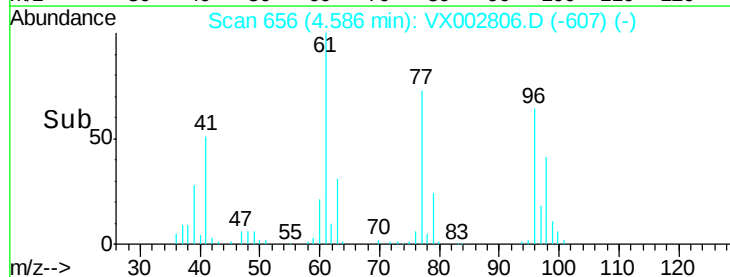
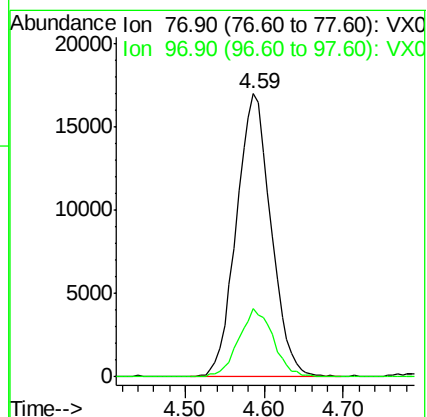
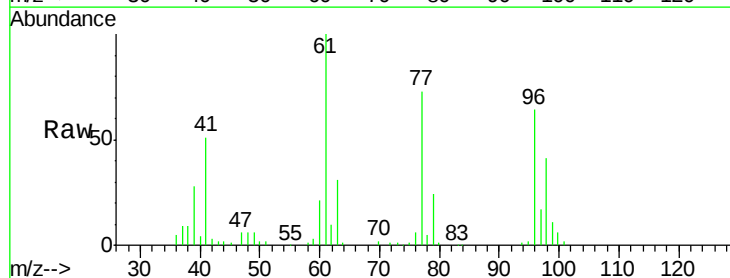
Acq: 22 Jun 2018 00:01

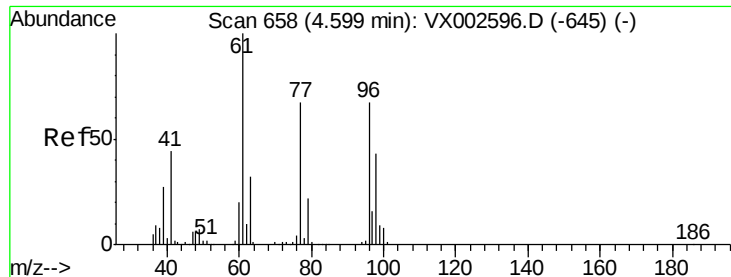
Tgt Ion: 77 Resp: 51932

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.40 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

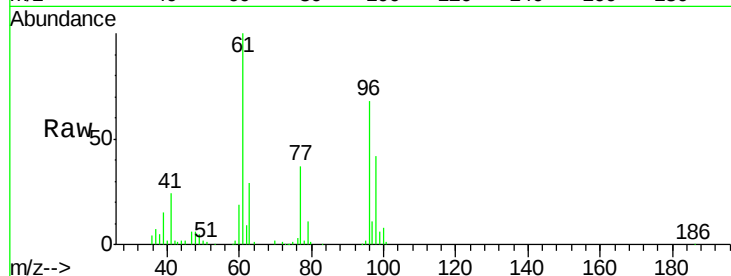
Tot Ion: 96 Resp: 56478

Ion Ratio Lower Upper

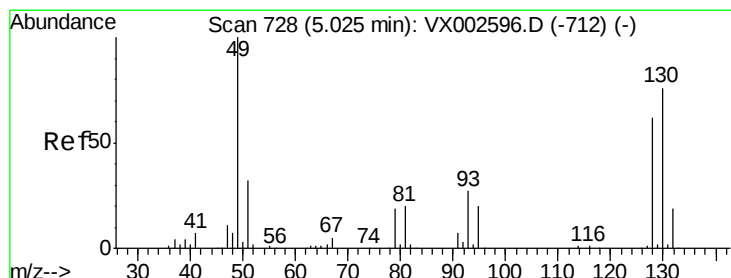
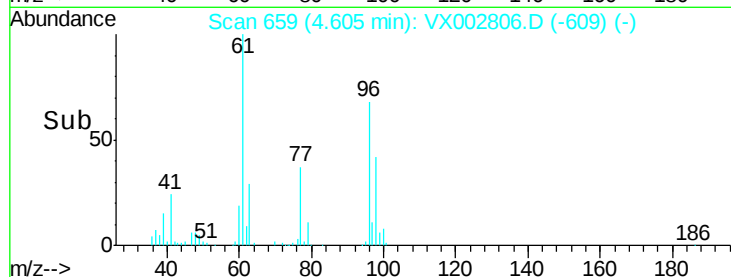
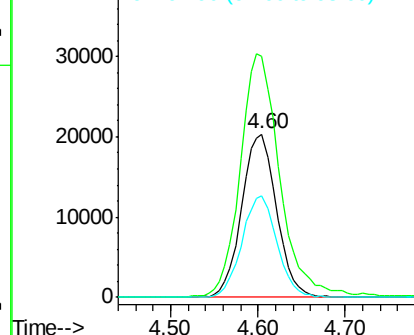
96 100

61 170.6 0.0 330.2

98 62.4 0.0 130.2



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



#28

Bromochloromethane

Concen: 17.59 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

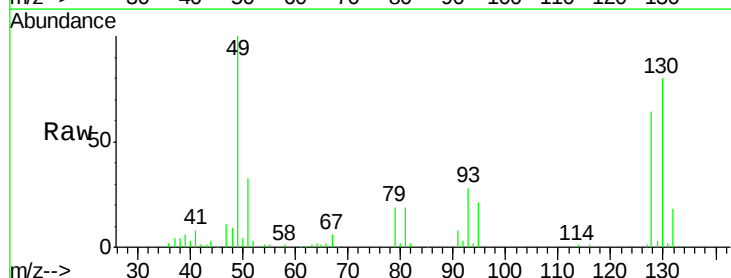
Tgt Ion: 49 Resp: 42360

Ion Ratio Lower Upper

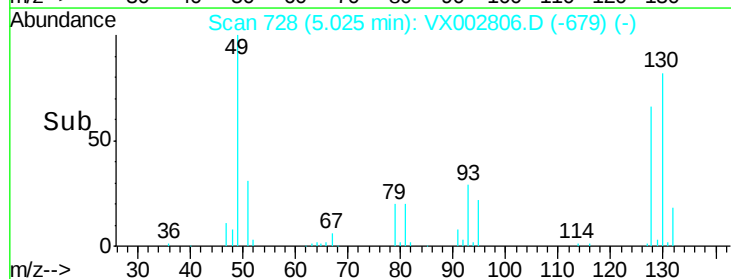
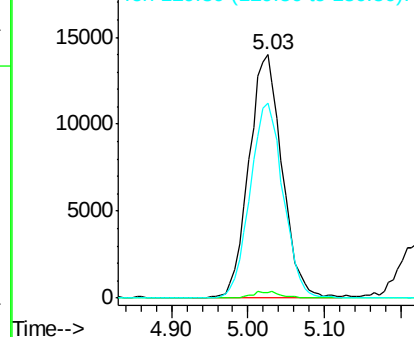
49 100

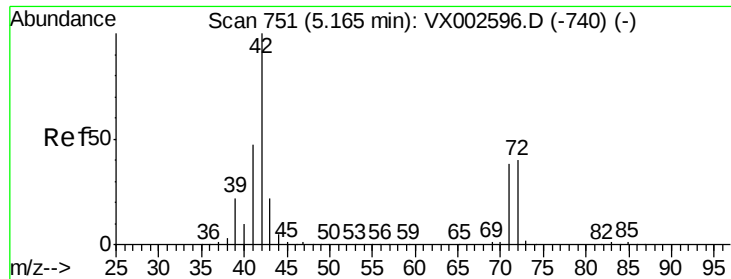
129 2.2 0.0 4.2

130 79.8 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

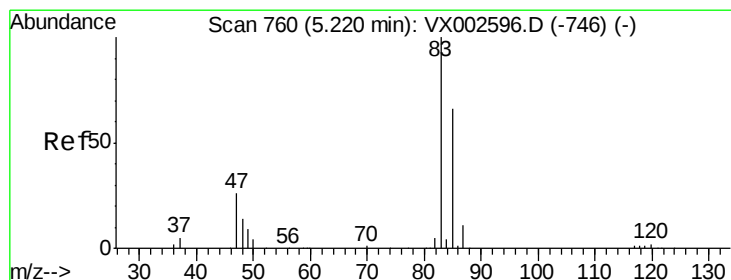
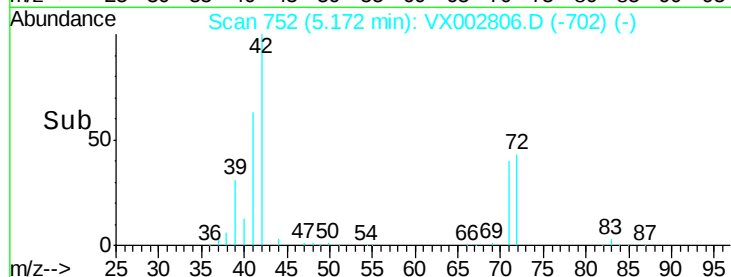
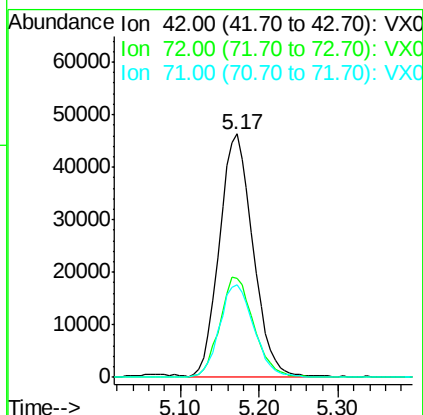
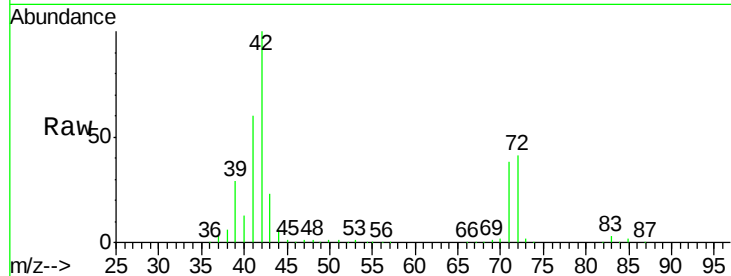




#29
Tetrahydrofuran
Concen: 100.11 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

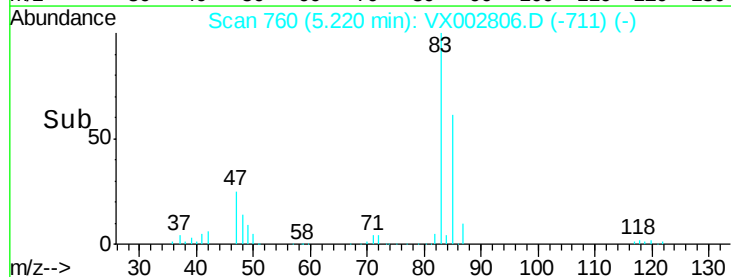
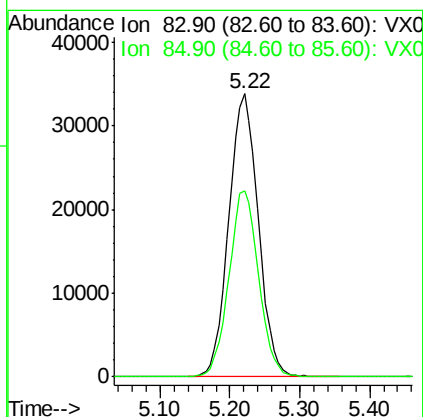
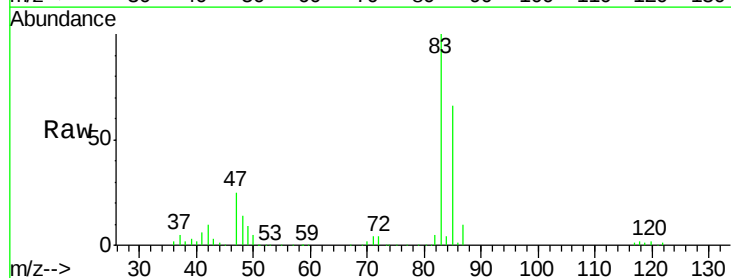
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS02

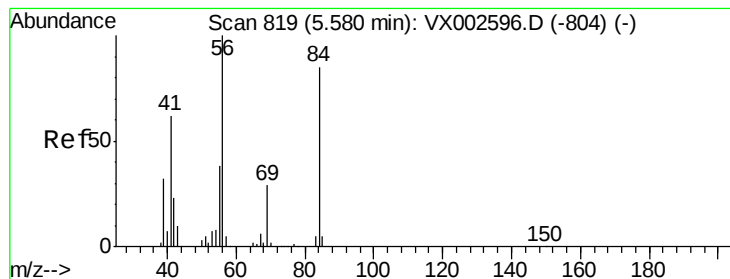
Tot Ion: 42 Resp: 136378
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 39.0 30.1 45.1



#30
Chloroform
Concen: 20.01 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion: 83 Resp: 99260
Ion Ratio Lower Upper
83 100
85 65.9 50.4 75.6





#31

Cyclohexane

Concen: 18.80 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

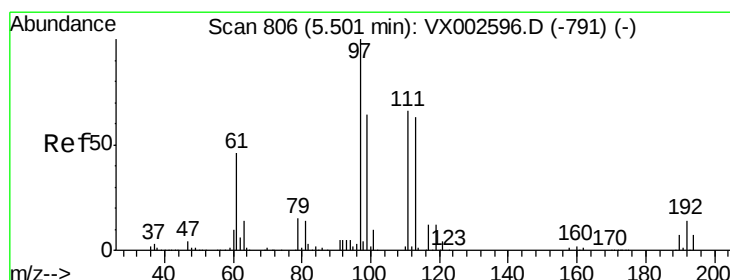
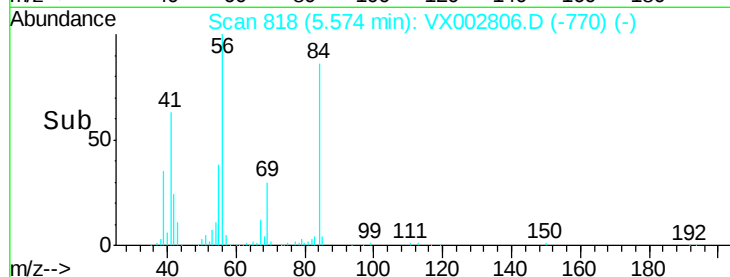
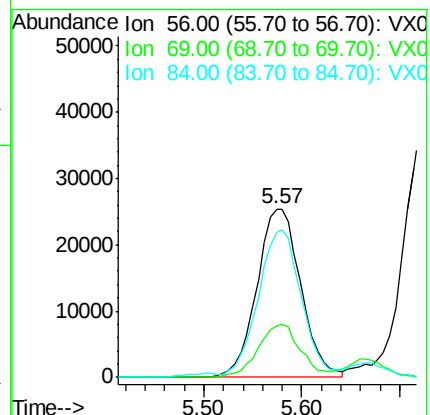
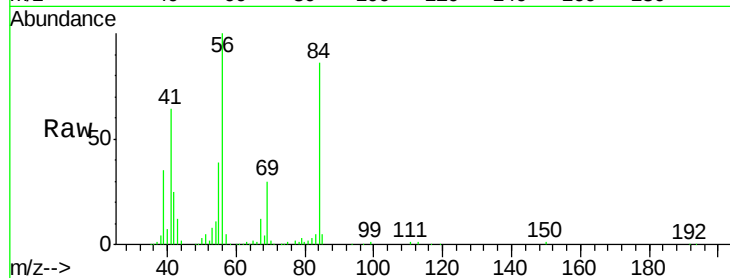
Tot Ion: 56 Resp: 79613

Ion Ratio Lower Upper

56 100

69 30.4 23.7 35.5

84 84.3 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 20.80 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

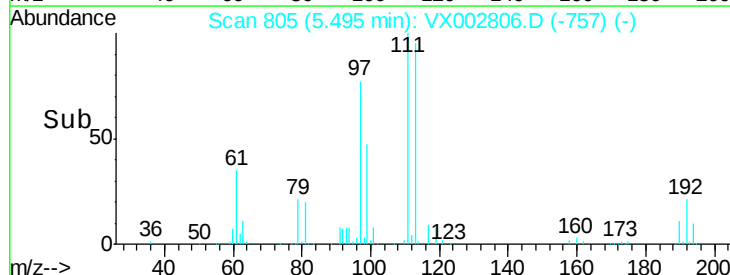
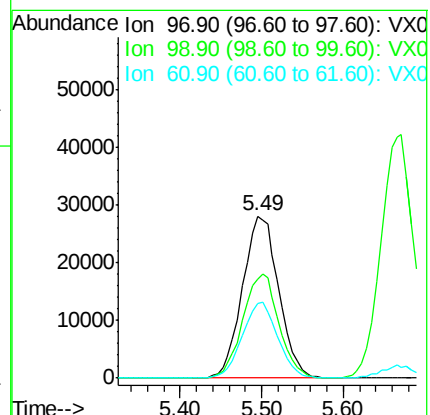
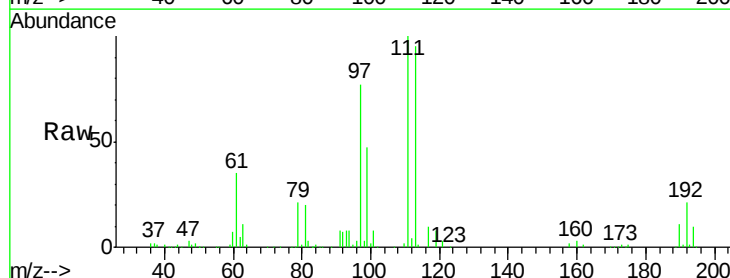
Tgt Ion: 97 Resp: 86279

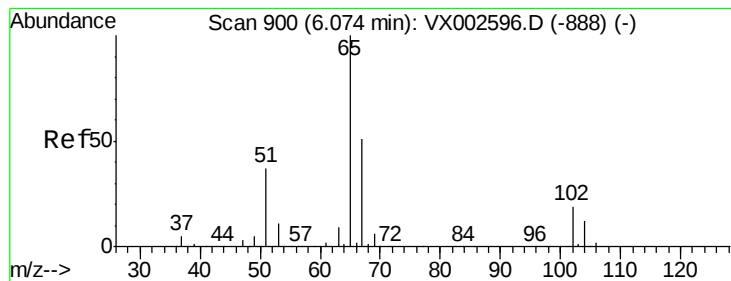
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.67 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

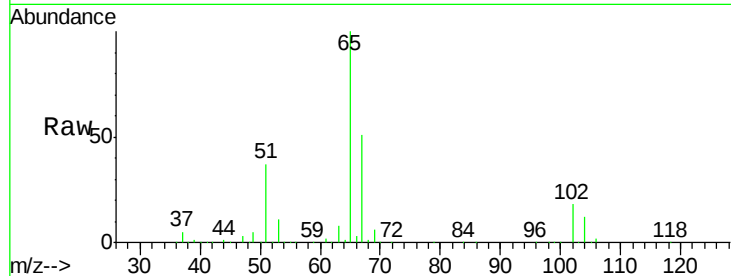
VX0621WBS02

Tot Ion: 65 Resp: 160238

Ion Ratio Lower Upper

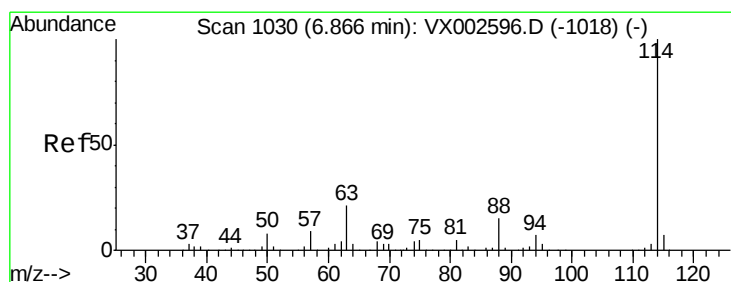
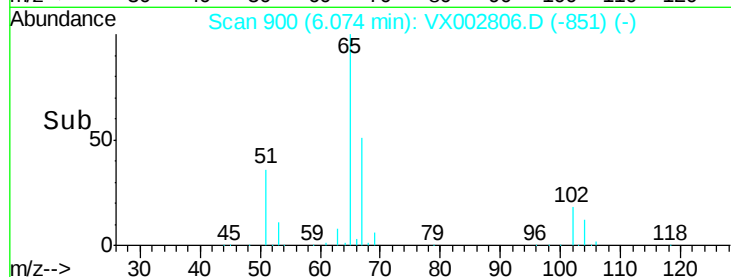
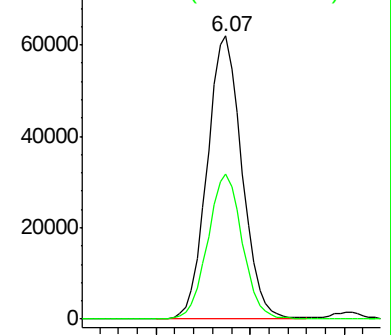
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

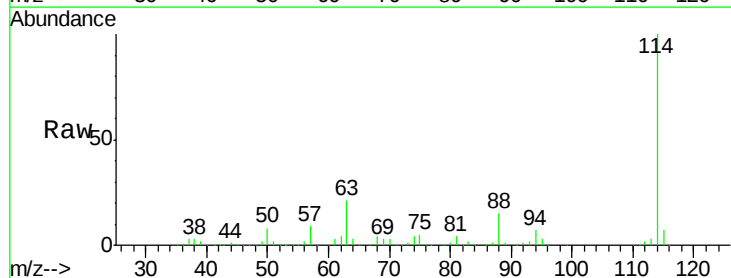
Tgt Ion: 114 Resp: 335320

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

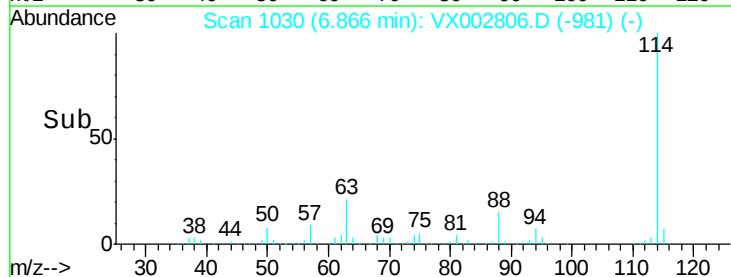
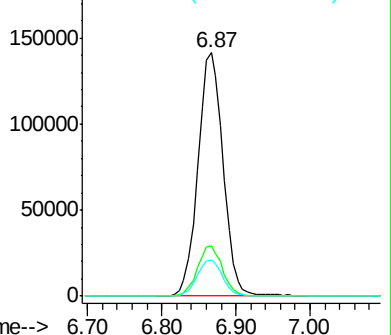
88 15.1 0.0 30.0

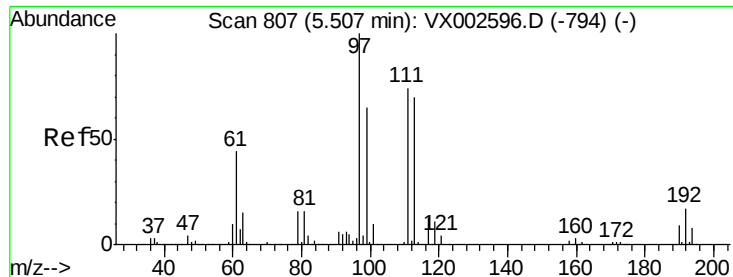


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.43 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

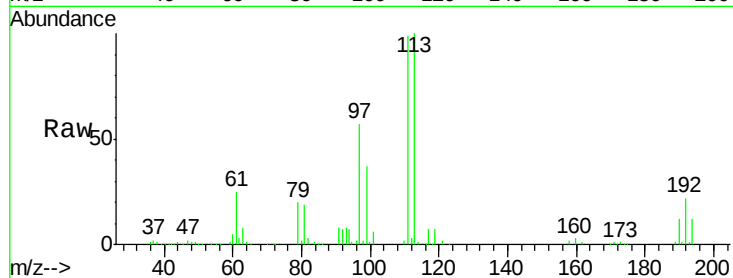
Tot Ion:113 Resp: 126921

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

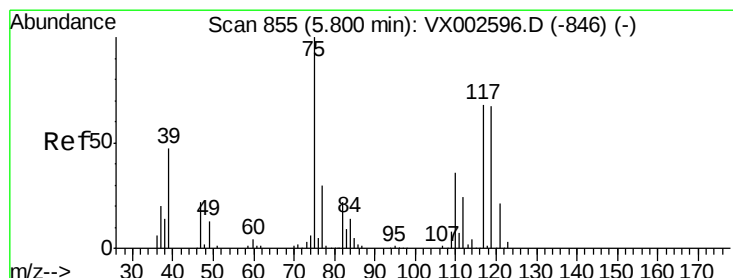
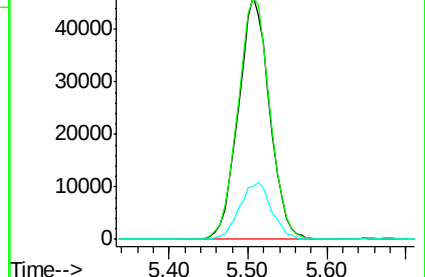
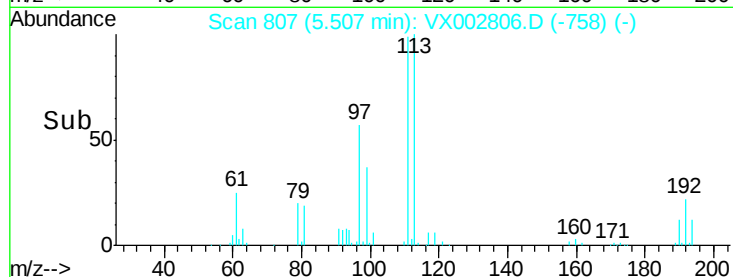
192 24.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.40 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

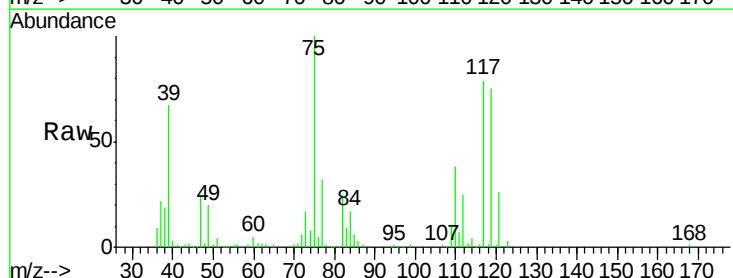
Tgt Ion: 75 Resp: 69091

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.4

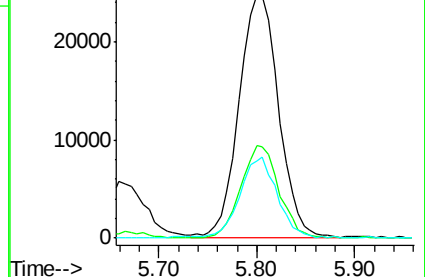
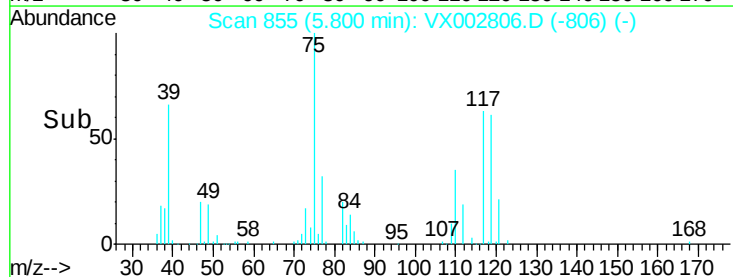
77 32.2 24.3 36.5

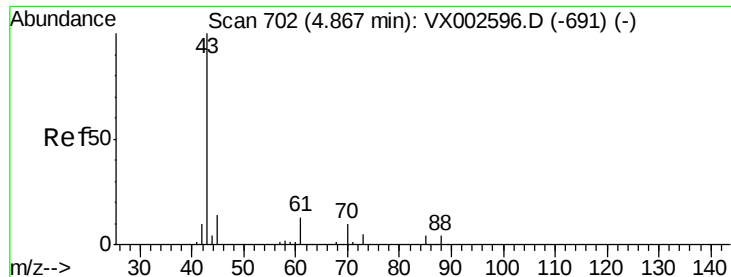


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.73 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

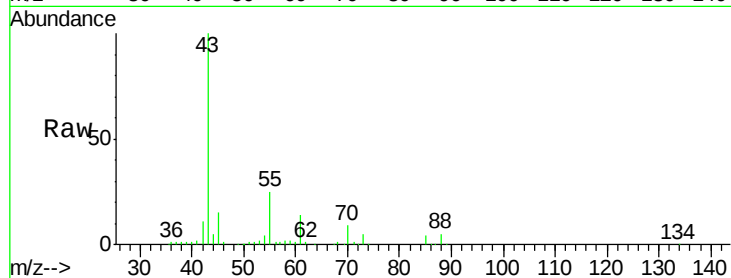
Tot Ion: 43 Resp: 79535

Ion Ratio Lower Upper

43 100

61 13.7 10.4 15.6

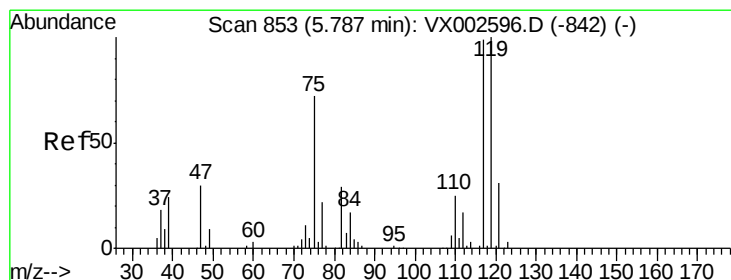
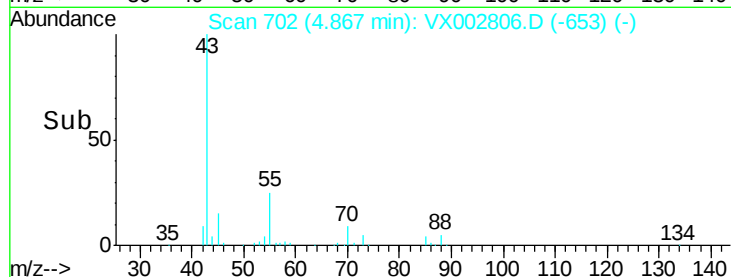
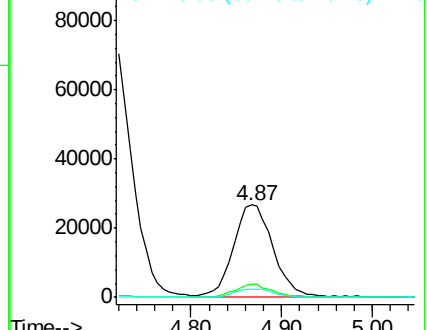
70 9.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.41 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

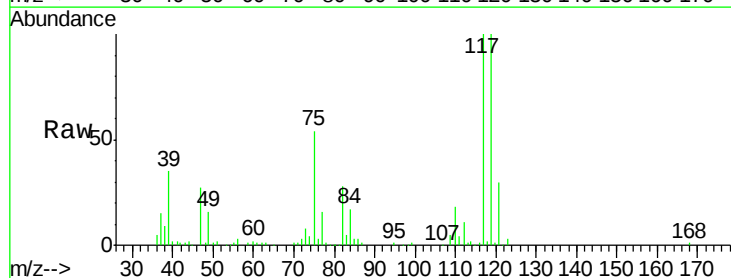
Tgt Ion: 117 Resp: 75928

Ion Ratio Lower Upper

117 100

119 100.1 77.4 116.0

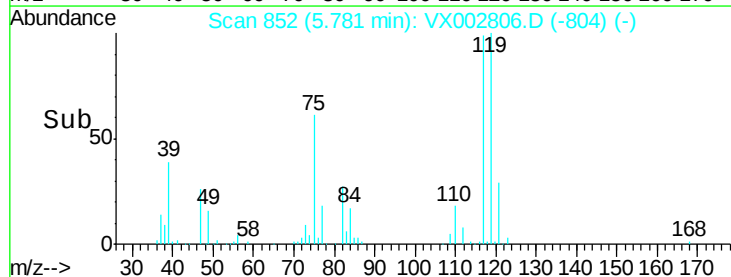
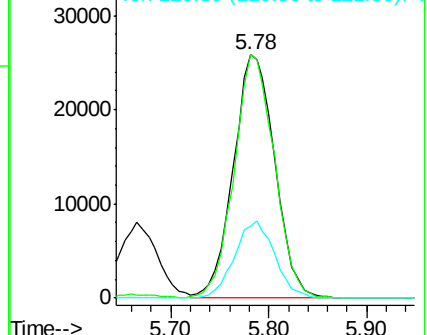
121 29.9 24.4 36.6

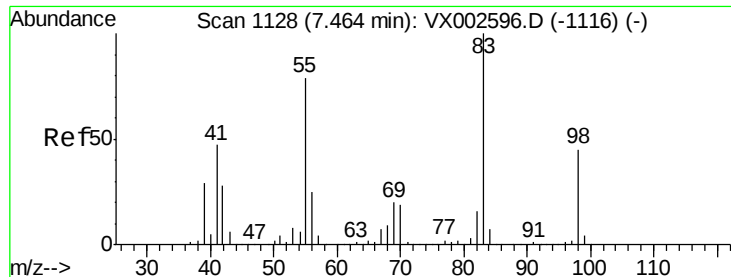


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

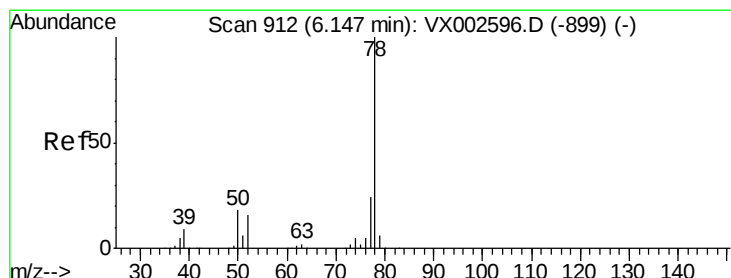
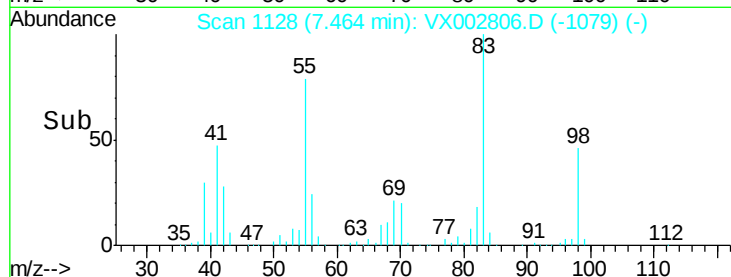
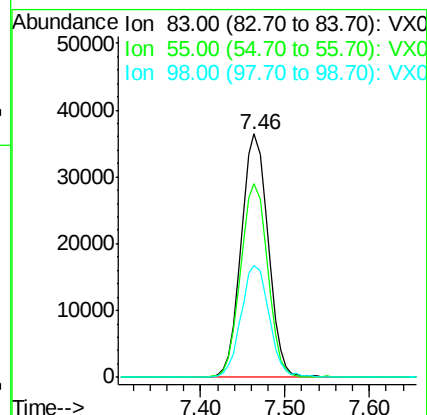
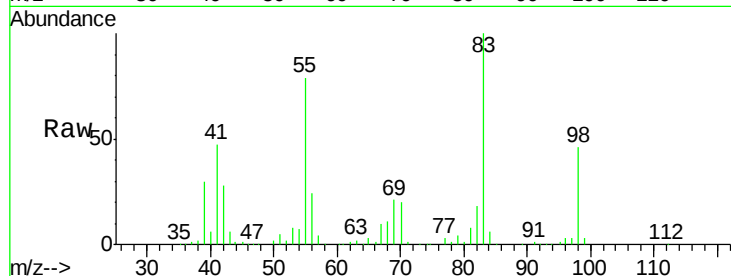




#39
Methylvlcvclohexane
Concen: 18.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

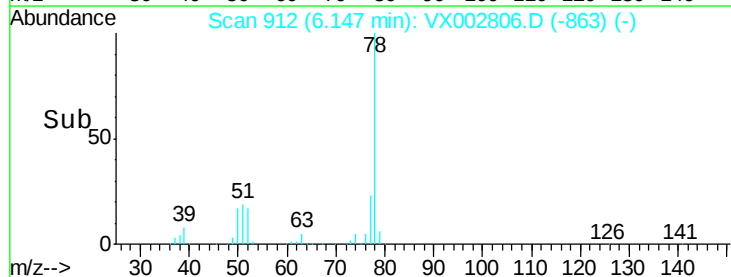
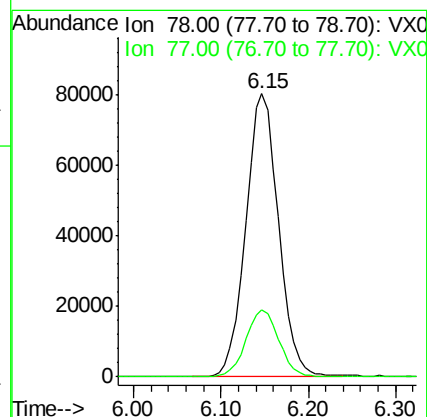
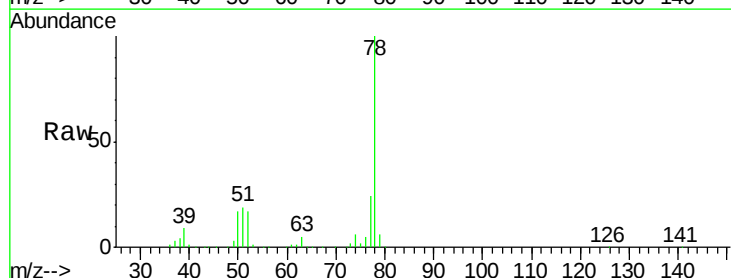
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS02

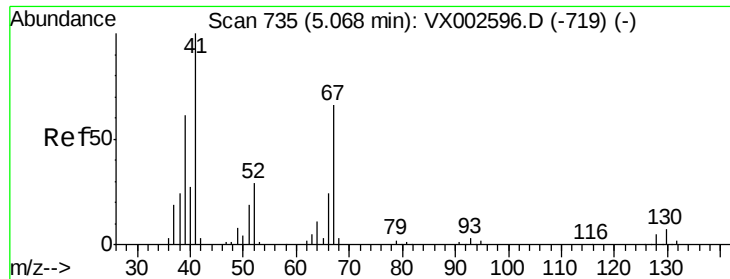
Tot Ion: 83 Resp: 78698
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 45.9 37.4 56.0



#40
Benzene
Concen: 19.47 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion: 78 Resp: 207947
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

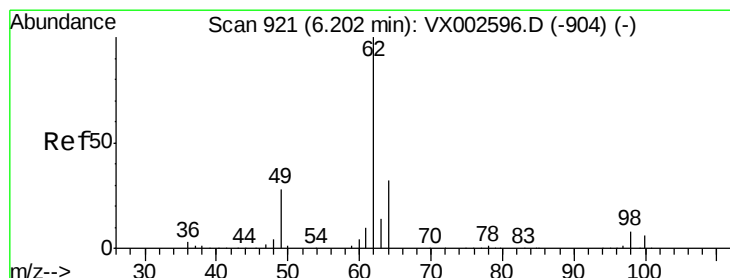
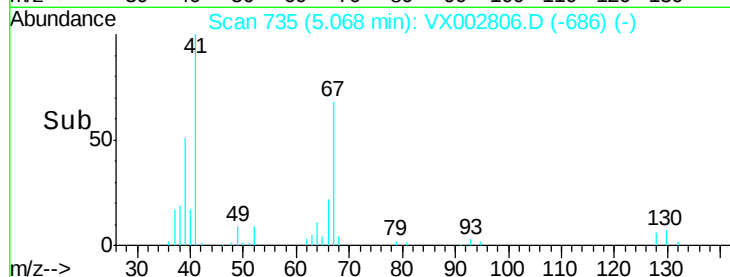
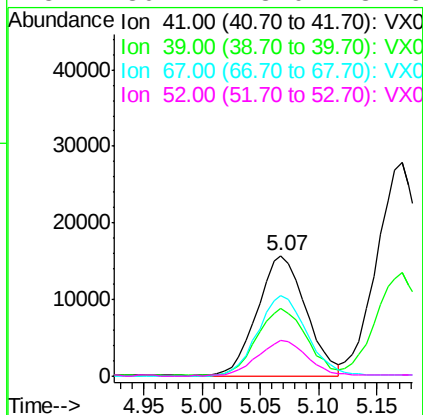
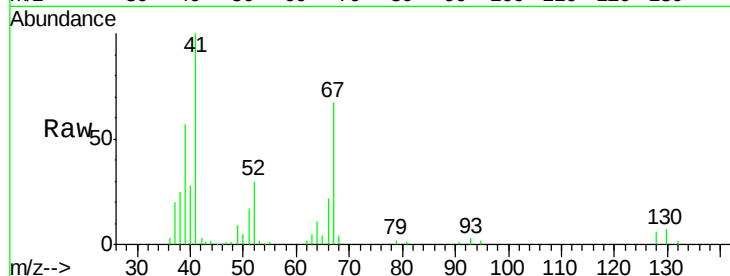




#41
Methacrylonitrile
Concen: 19.91 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

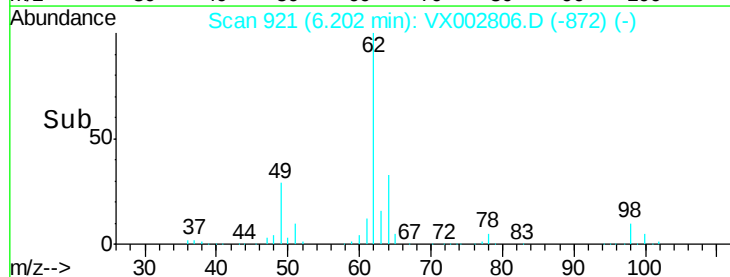
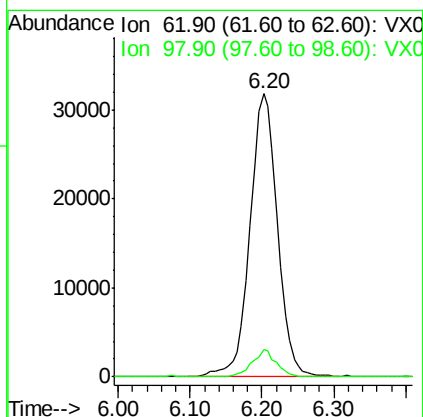
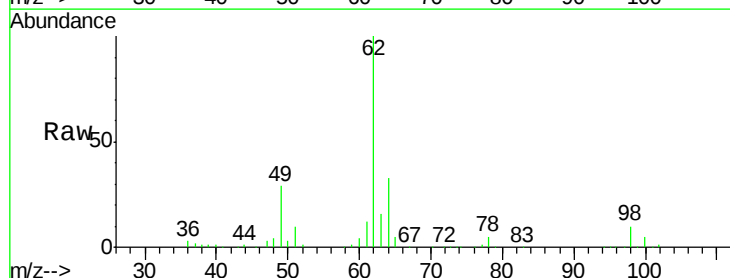
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS02

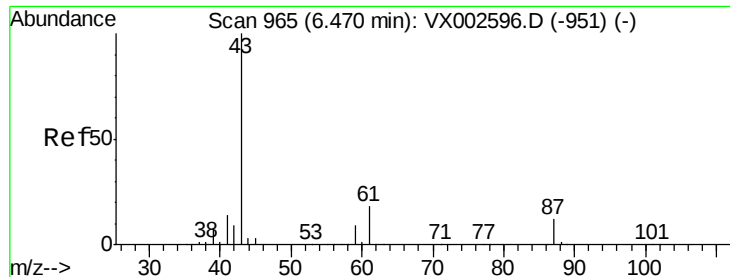
Tot Ion:	41	Resp:	45315
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.6
67	68.8	51.3	76.9
52	30.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.29 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion:	62	Resp:	83893
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



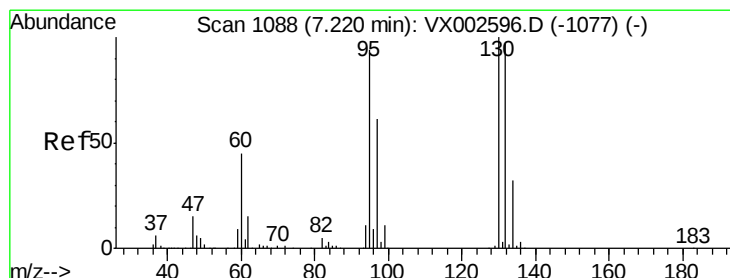
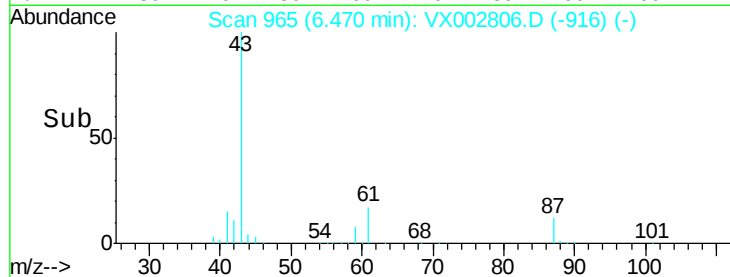
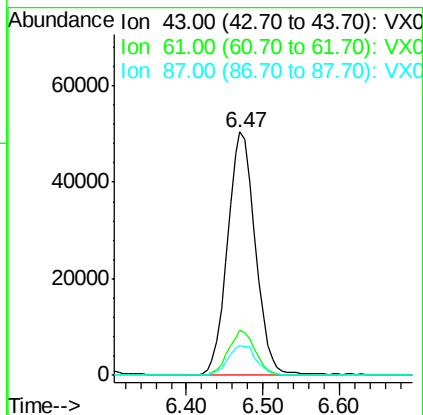
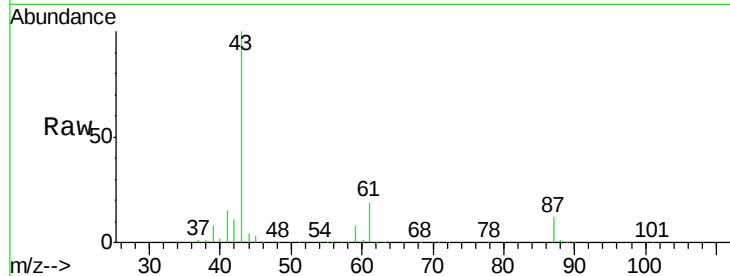


#43

Isopropyl Acetate
 Concen: 18.90 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

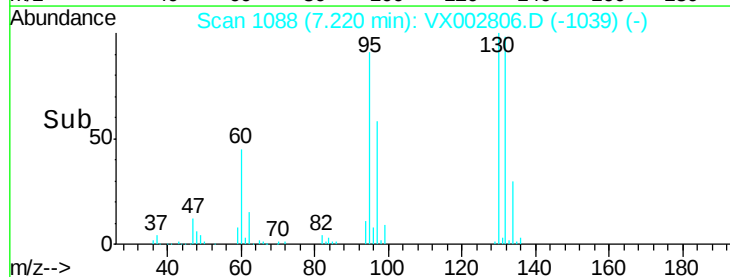
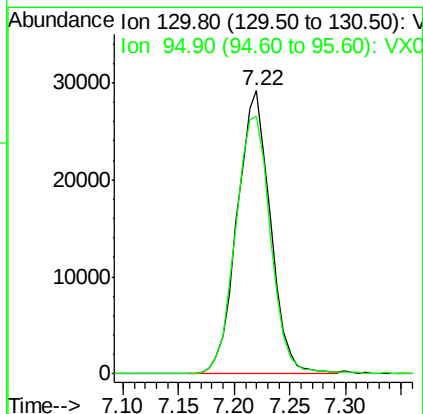
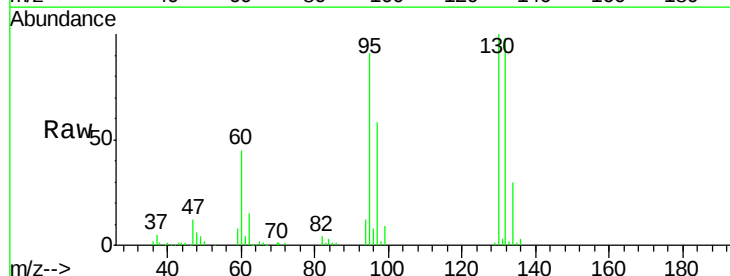
Tot Ion	43	Resp	126203
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.7	9.5	14.3

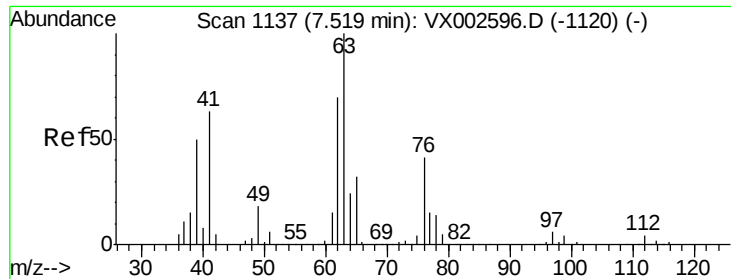


#44

Trichloroethene
 Concen: 19.65 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion	130	Resp	60566
Ion Ratio	Lower	Upper	
130	100		
95	91.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.50 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

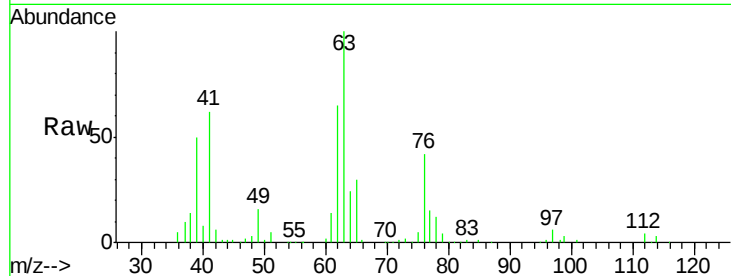
VX0621WBS02

Tot Ion: 63 Resp: 54800

Ion Ratio Lower Upper

63 100

65 29.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

30000

25000

20000

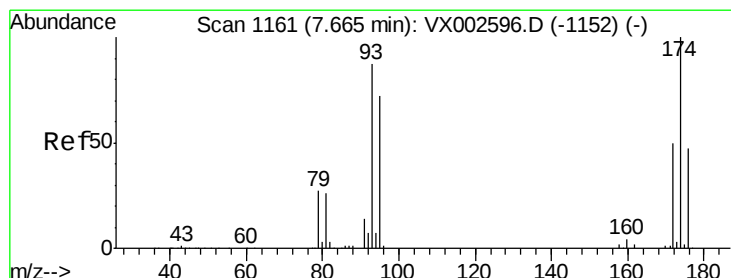
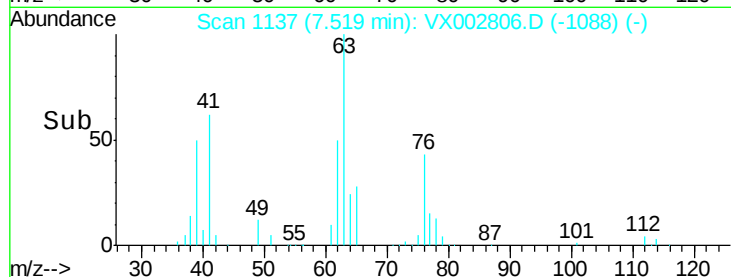
15000

10000

5000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 20.73 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

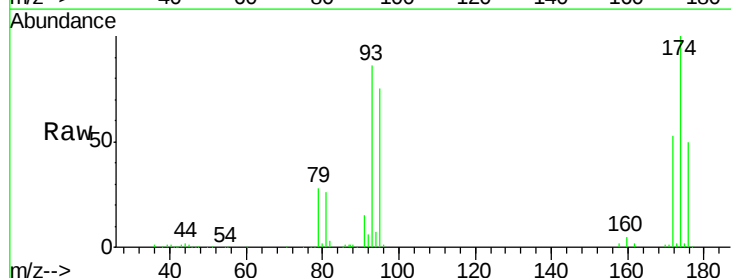
Tgt Ion: 93 Resp: 38969

Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

174 117.4 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

30000

25000

20000

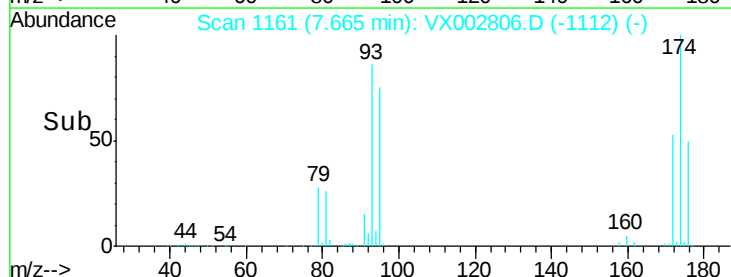
15000

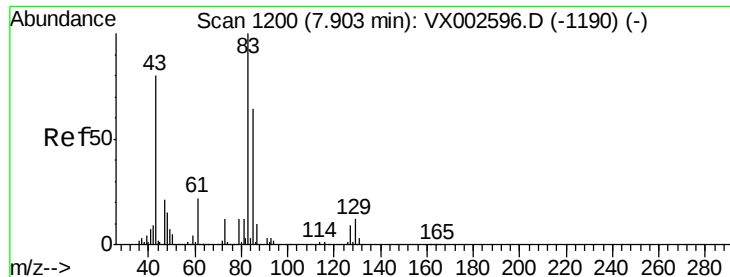
10000

5000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 21.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

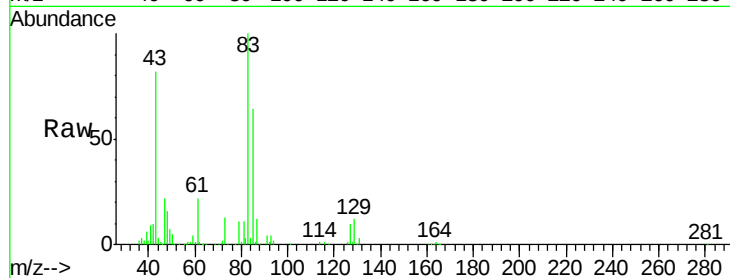
Tot Ion: 83 Resp: 69872

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

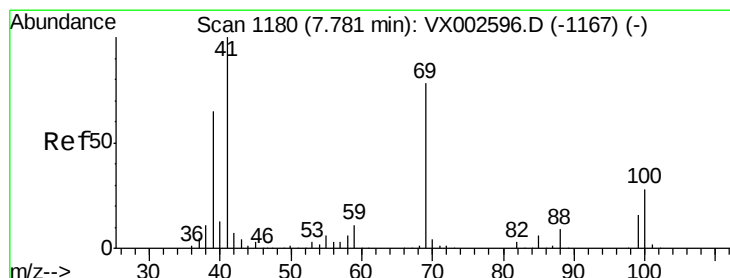
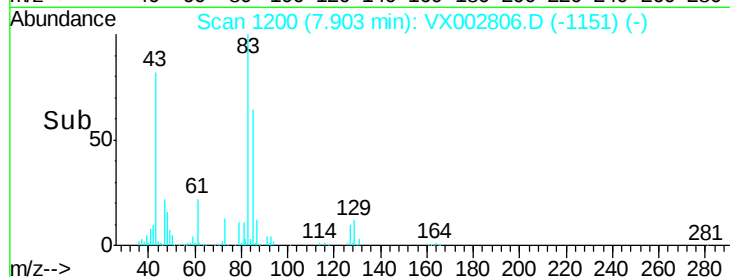
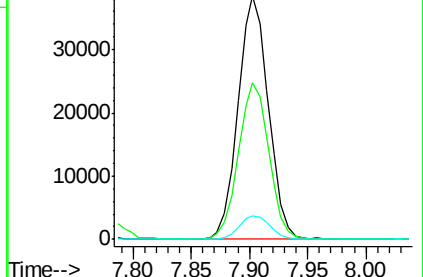
127 9.7 7.0 10.4



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: 19.55 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

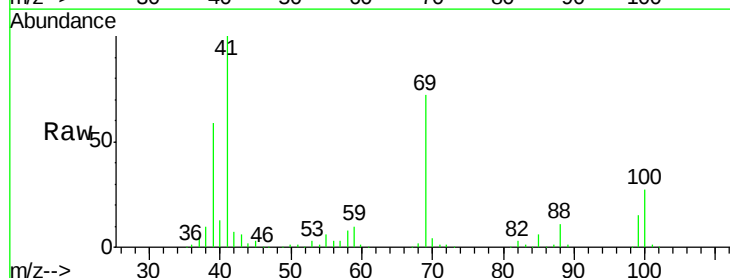
Tgt Ion: 41 Resp: 66710

Ion Ratio Lower Upper

41 100

69 76.5 59.1 88.7

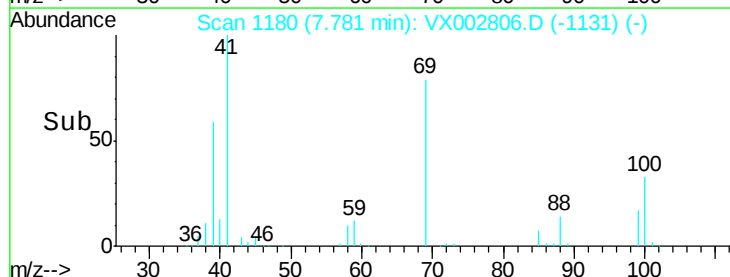
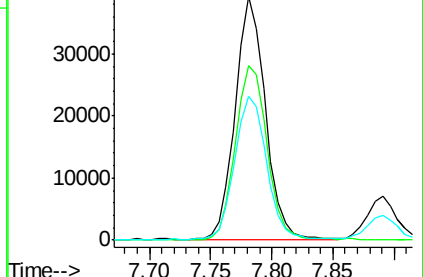
39 62.7 48.9 73.3

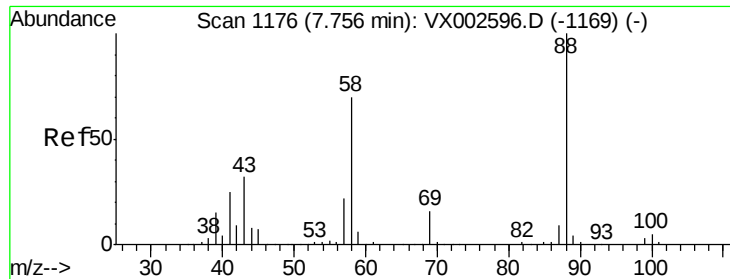


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

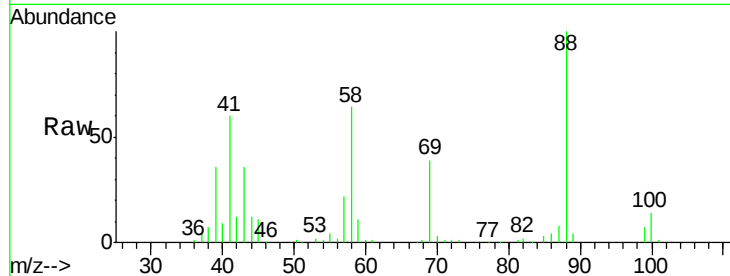




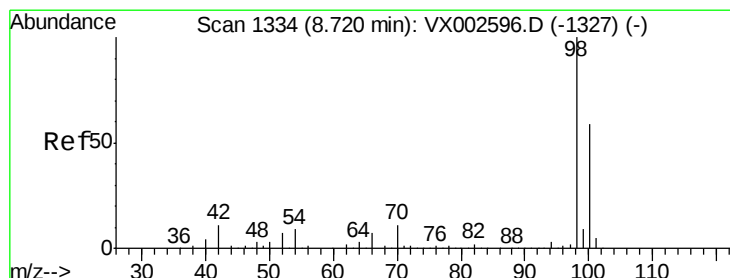
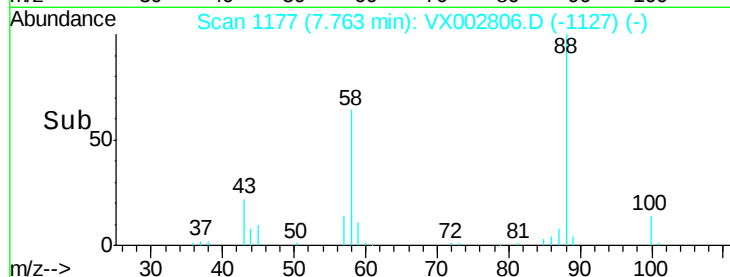
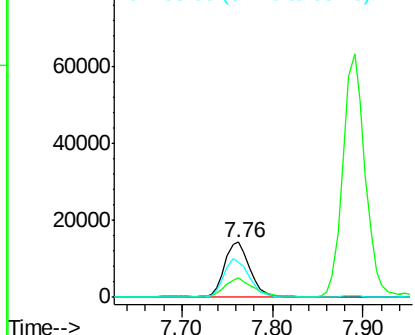
#49
1,4-Dioxane
Concen: 433.58 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS02

Tot Ion: 88 Resp: 28022
Ion Ratio Lower Upper
88 100
43 37.2 29.8 44.6
58 71.6 57.1 85.7

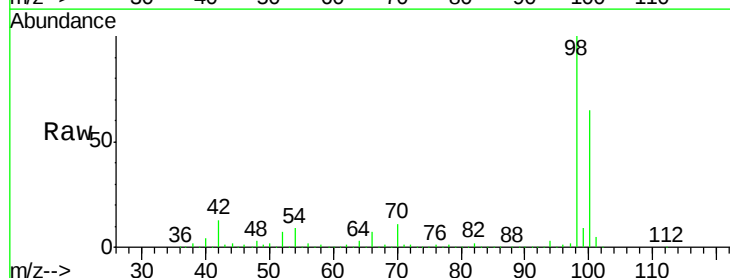


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

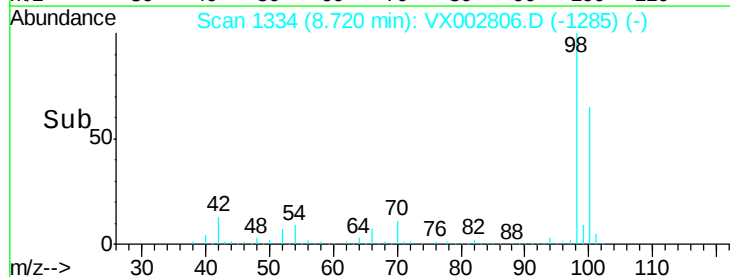
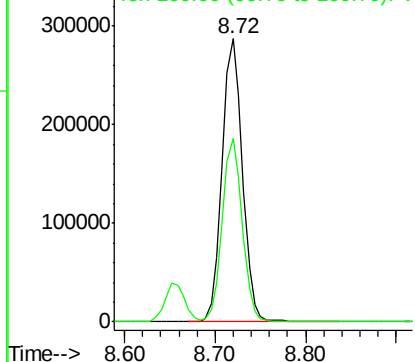


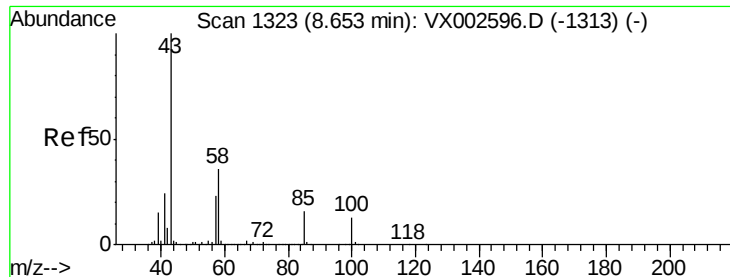
#50
Toluene-d8
Concen: 44.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion: 98 Resp: 447896
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 101.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

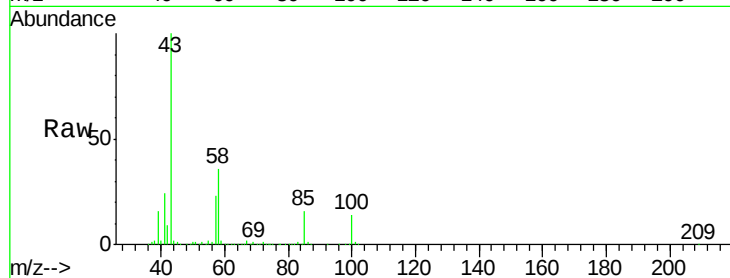
VX0621WBS02

Tot Ion: 43 Resp: 435096

Ion Ratio Lower Upper

43 100

58 36.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

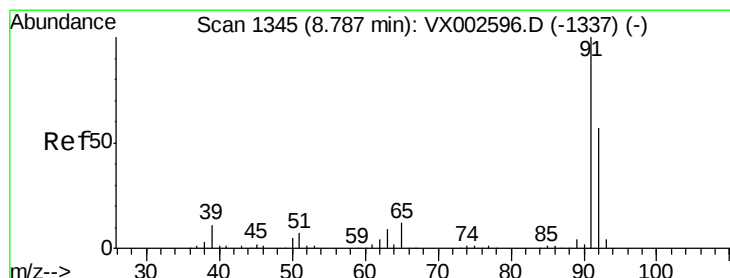
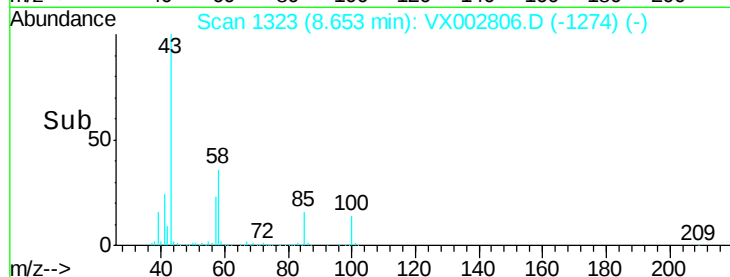
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.85 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002806.D

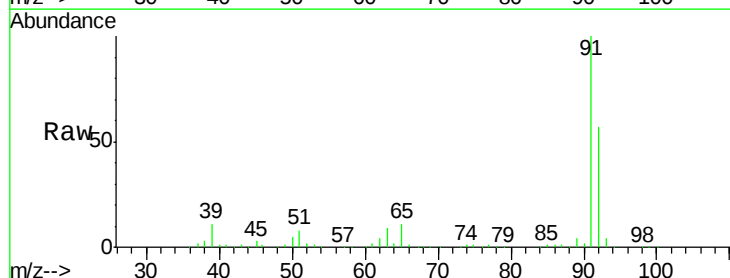
Acq: 22 Jun 2018 00:01

Tgt Ion: 92 Resp: 135235

Ion Ratio Lower Upper

92 100

91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

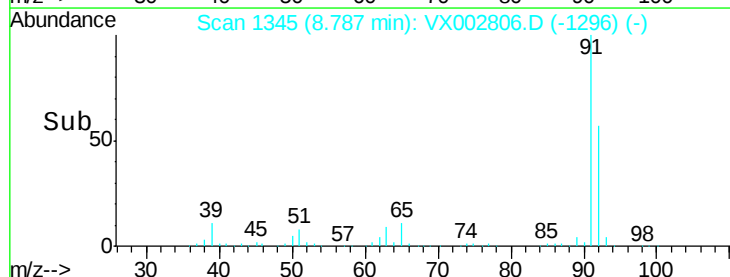
150000

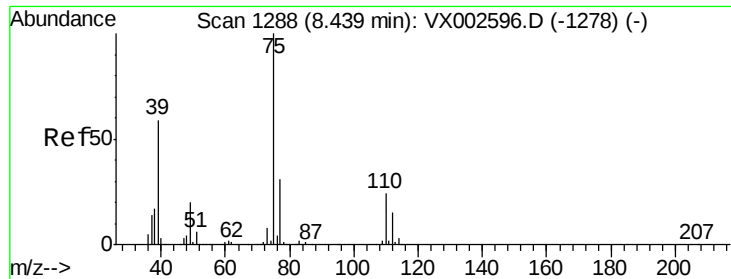
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.82 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampled :

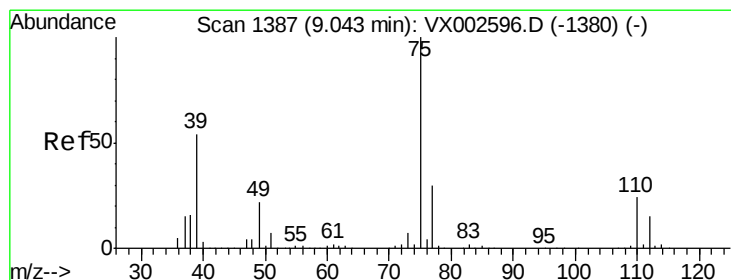
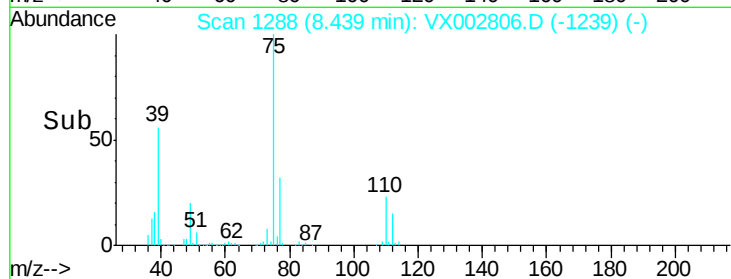
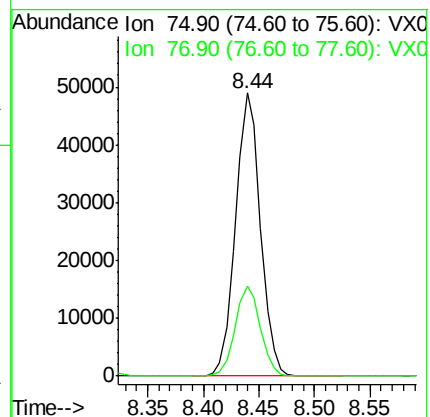
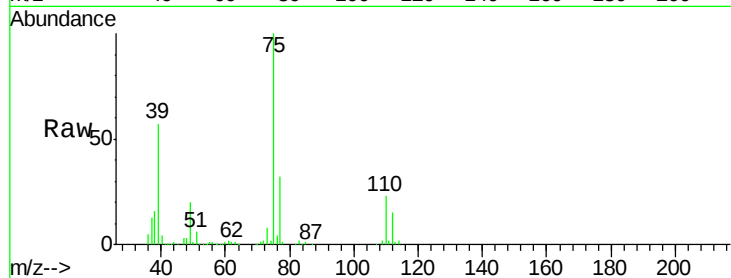
VX0621WBS02

Tot Ion: 75 Resp: 75735

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.56 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

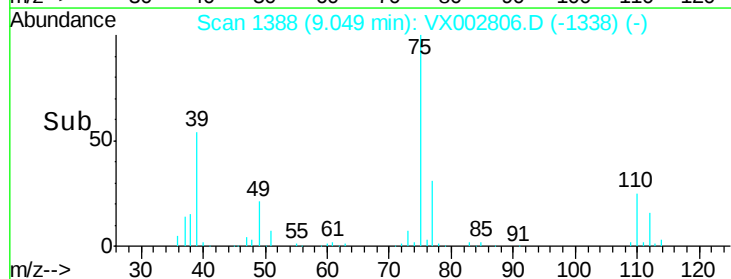
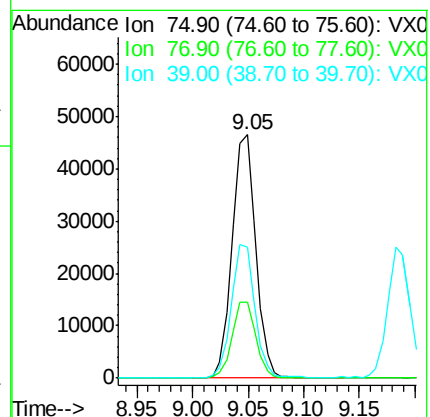
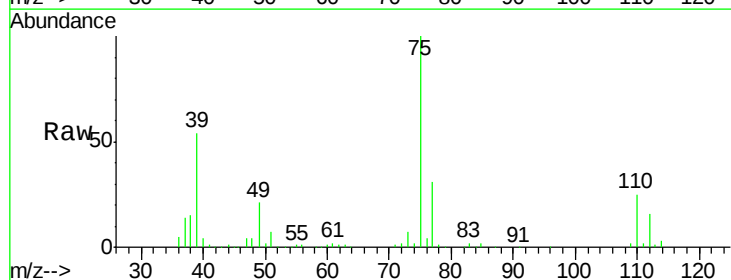
Tgt Ion: 75 Resp: 68680

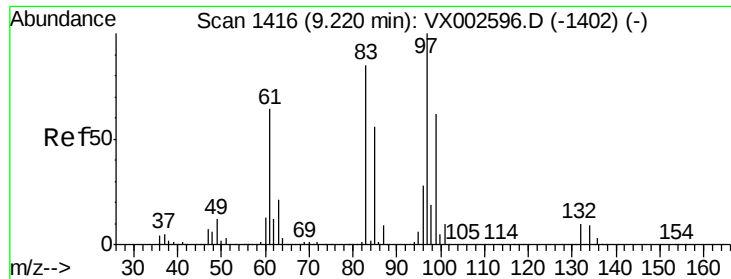
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 53.8 42.4 63.6



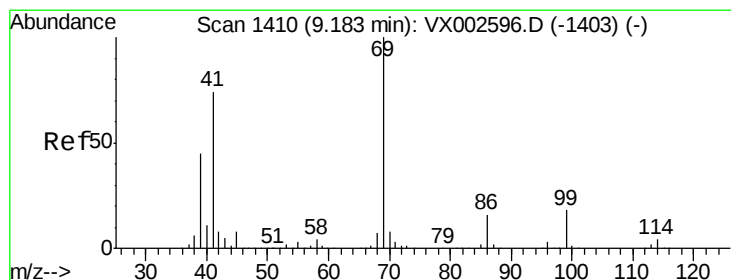
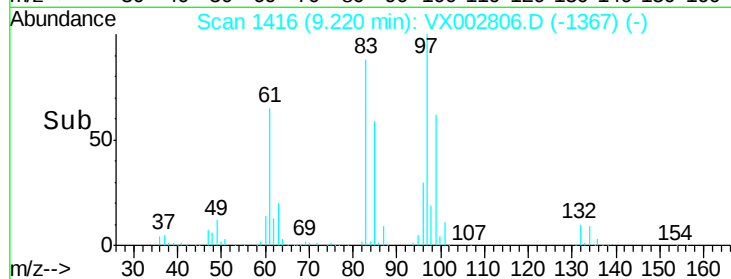
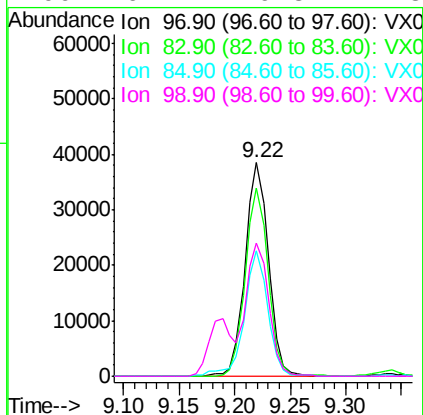
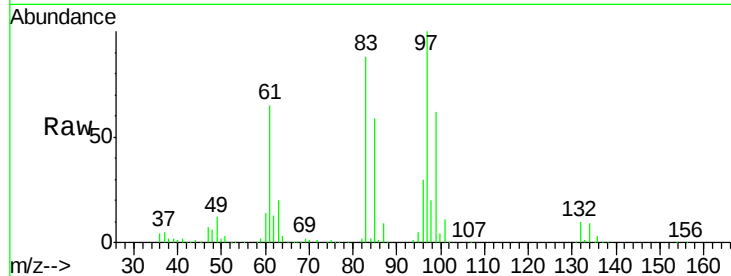


#55
 1,1,2-Trichloroethane
 Concen: 20.44 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

Tot Ion: 97 Resp: 56256

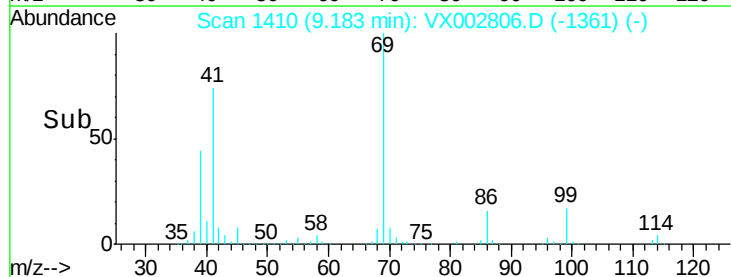
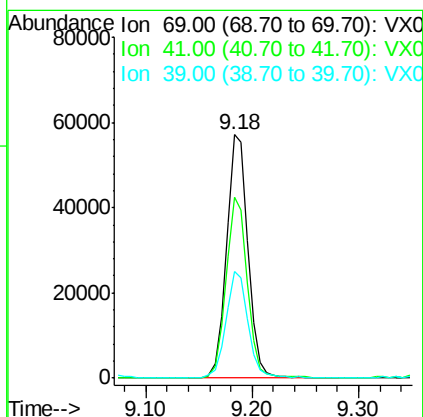
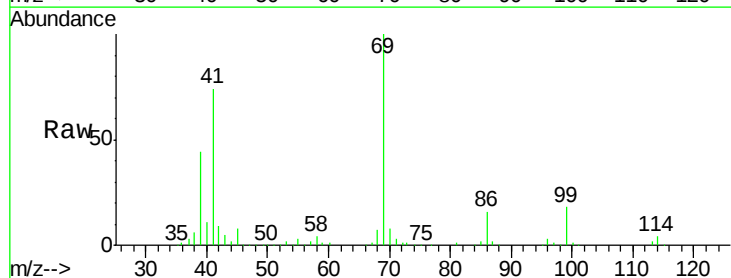
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.2
85	58.7	44.9	67.3
99	62.2	49.8	74.8

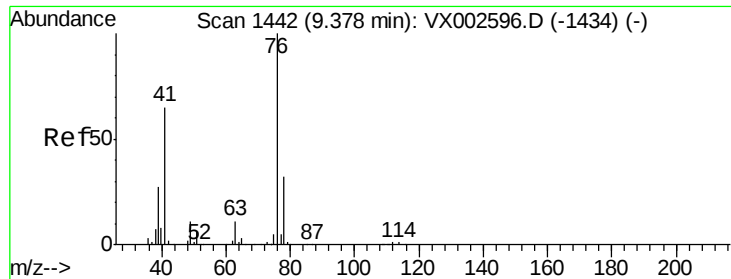


#56
 Ethyl methacrylate
 Concen: 19.09 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion: 69 Resp: 80872

Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.7	35.8	53.8

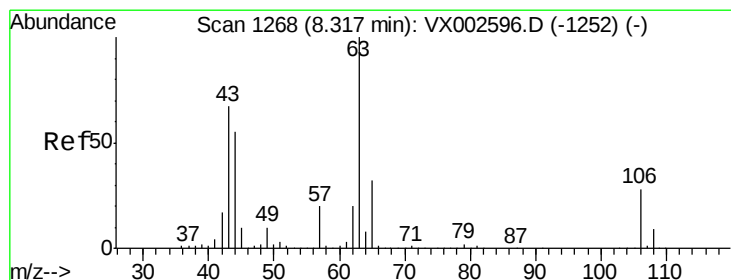
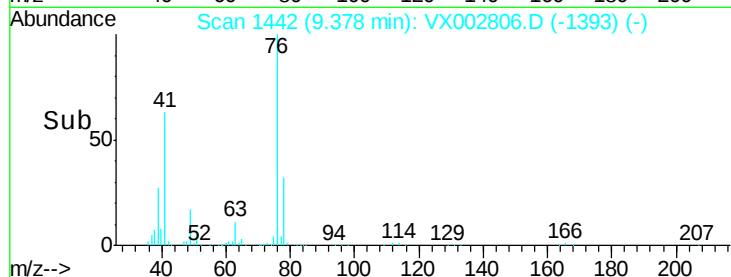
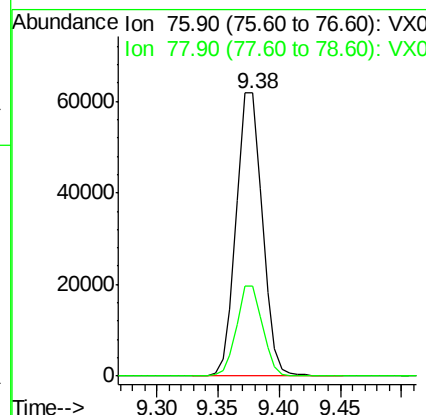
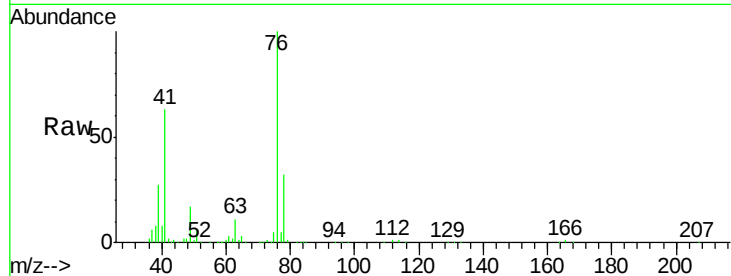




#57
 1,3-Dichloropropane
 Concen: 19.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

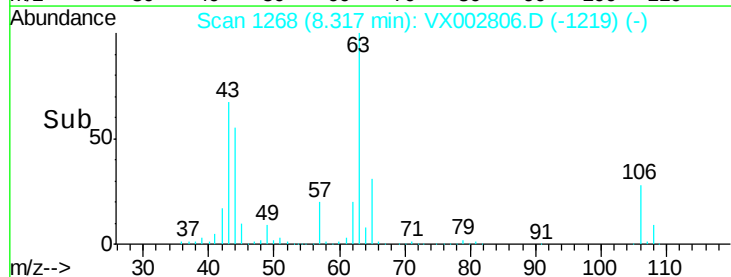
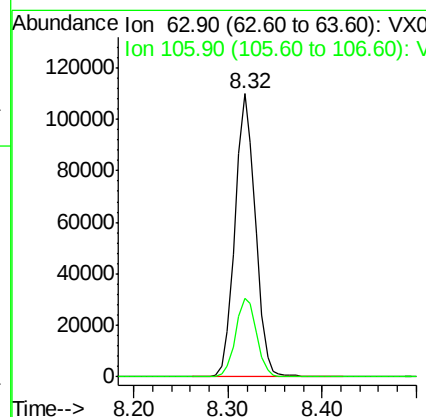
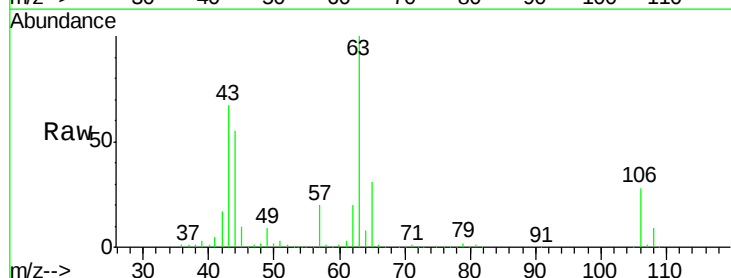
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

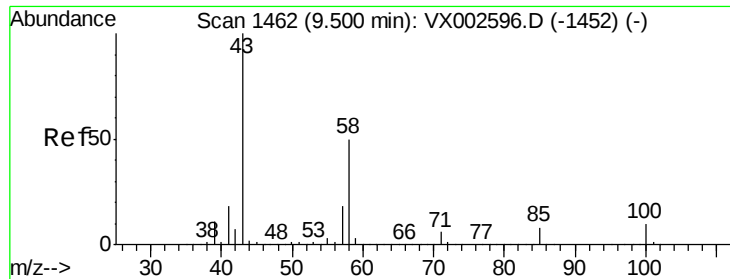
Tot Ion: 76 Resp: 91429
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.86 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion: 63 Resp: 165657
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

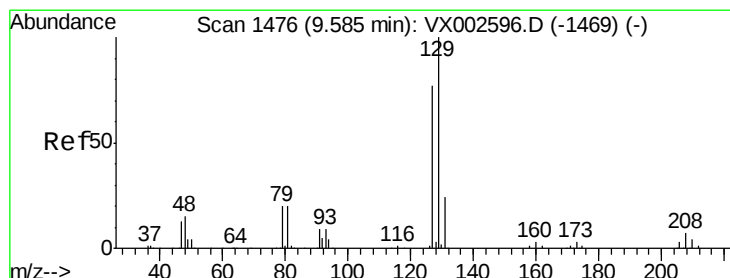
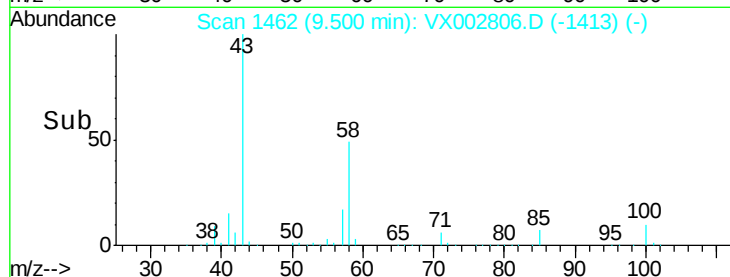
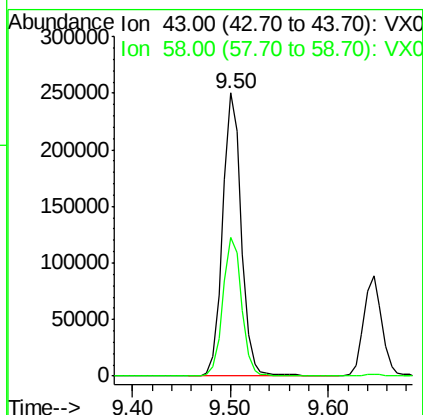
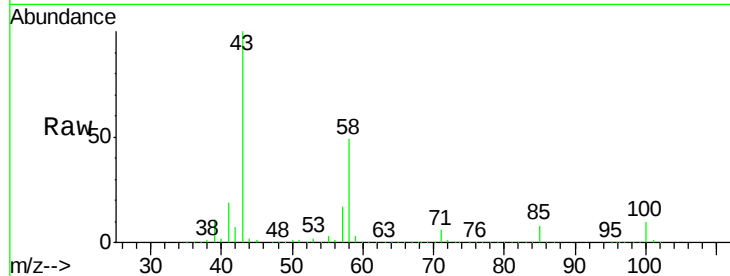




#59
2-Hexanone
Concen: 102.64 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

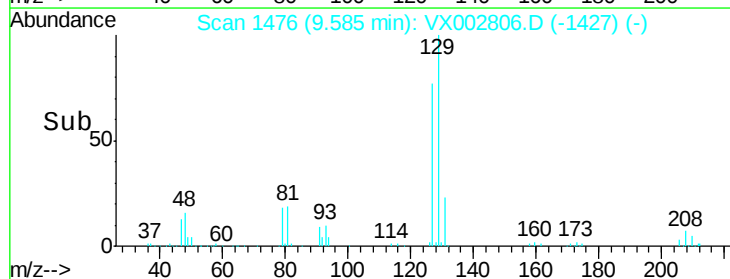
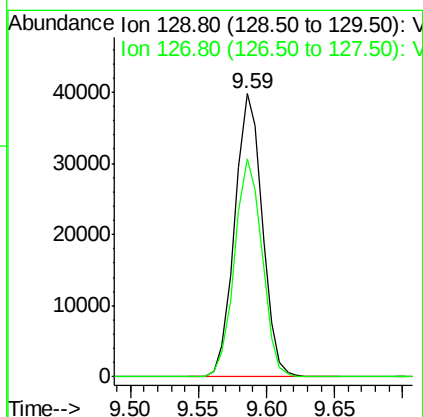
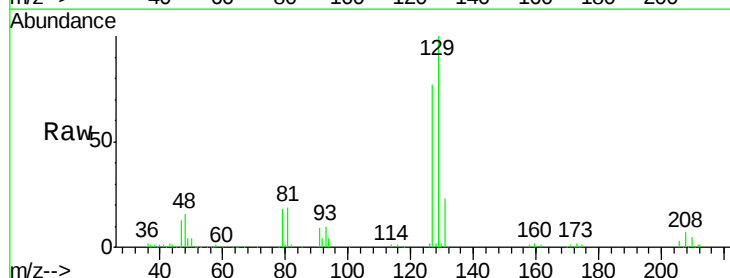
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS02

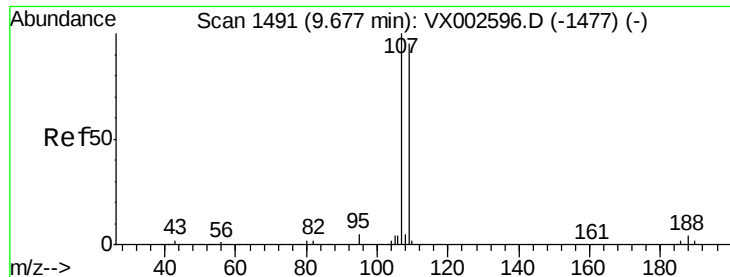
Tot Ion: 43 Resp: 331642
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 20.55 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion:129 Resp: 56206
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

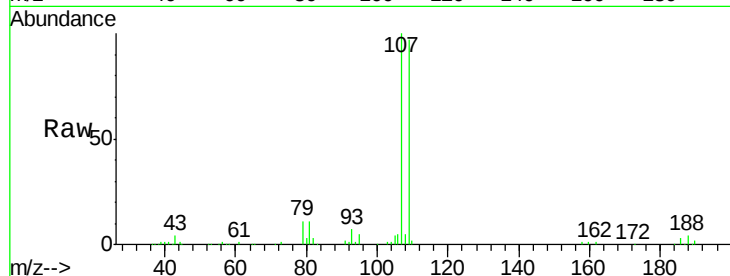
VX0621WBS02

Tot Ion:107 Resp: 58079

Ion Ratio Lower Upper

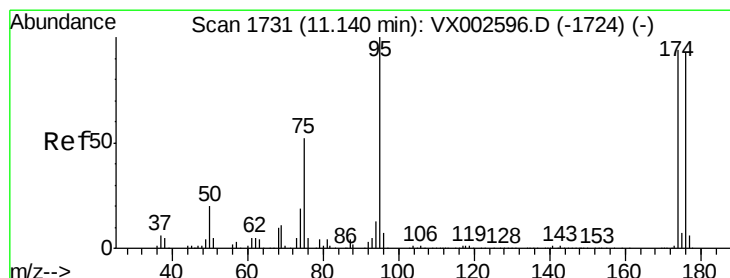
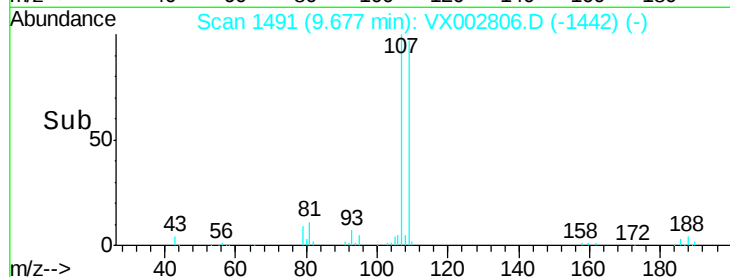
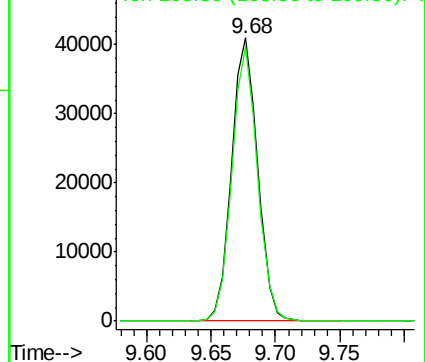
107 100

109 95.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

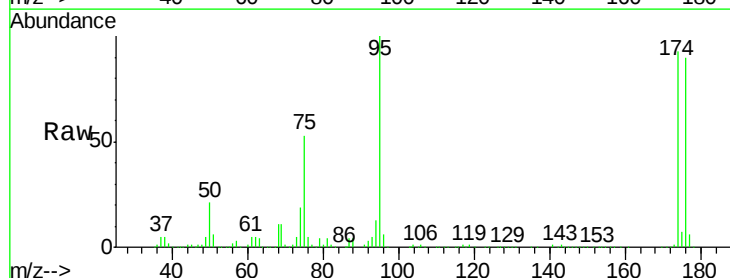
Tgt Ion: 95 Resp: 170955

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

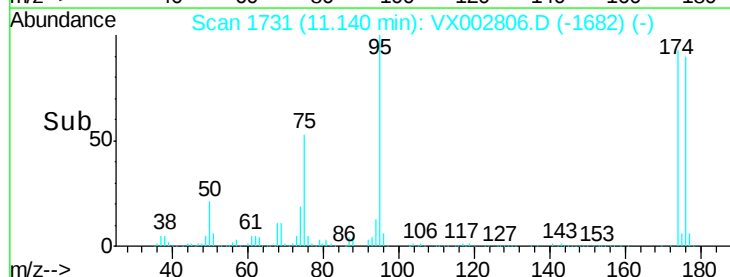
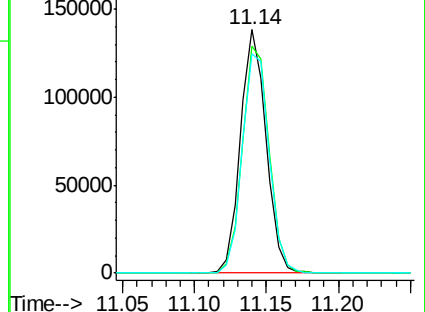
176 94.6 0.0 181.0

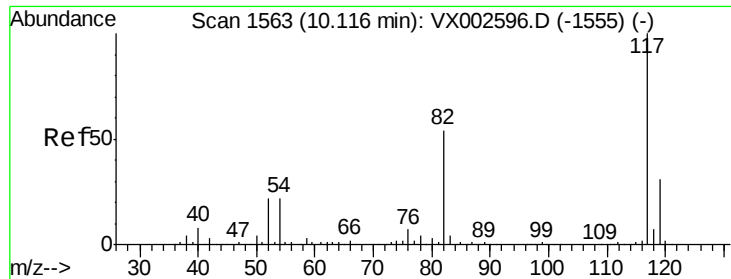


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

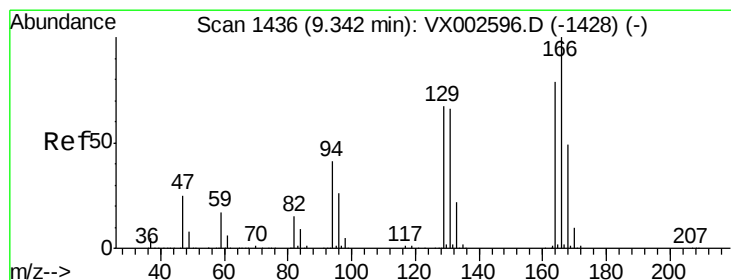
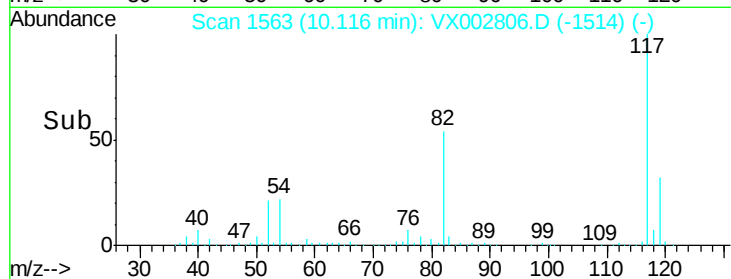
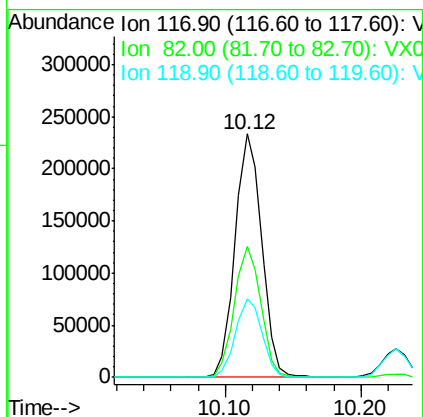
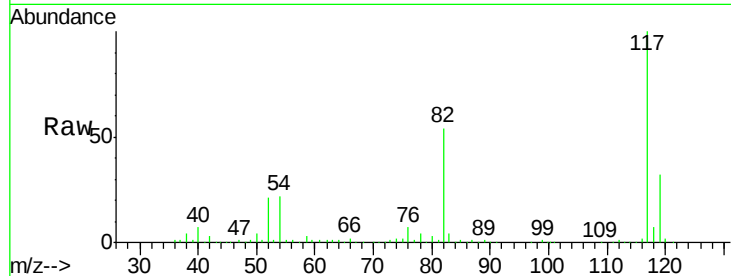




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

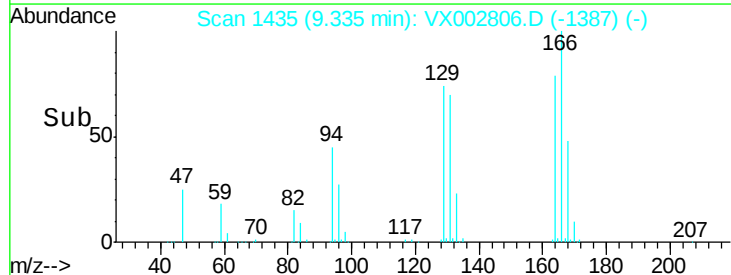
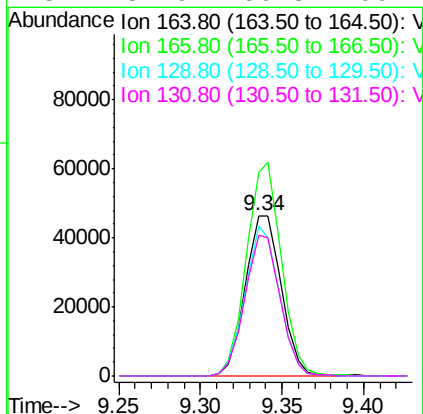
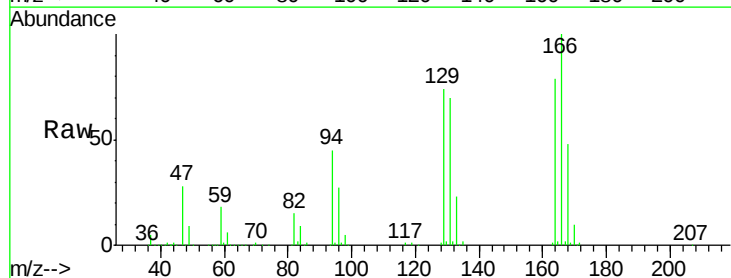
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS02

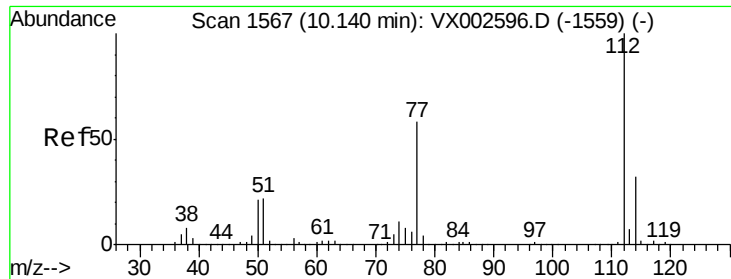
Tot Ion:117 Resp: 319443
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 20.17 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion:164 Resp: 71530
Ion Ratio Lower Upper
164 100
166 126.5 102.9 154.3
129 93.0 68.6 102.8
131 87.9 66.8 100.2

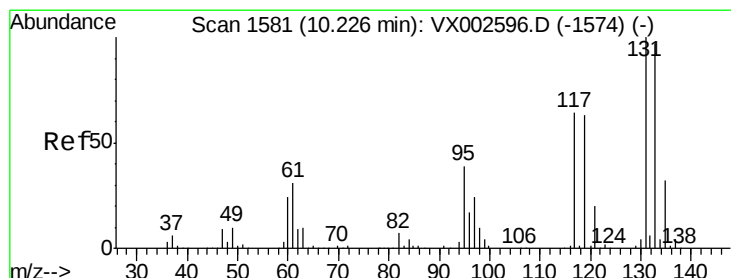
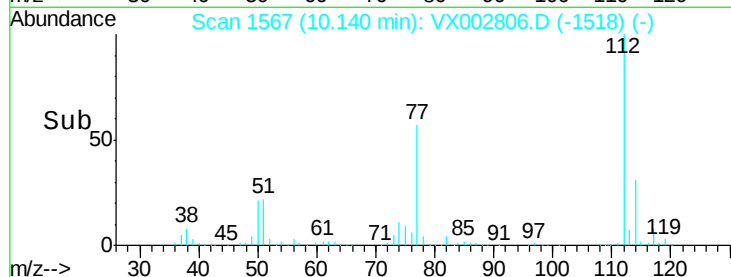
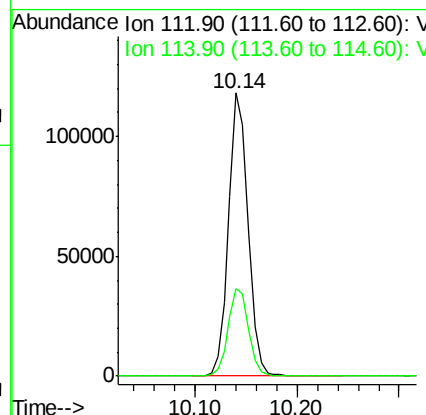
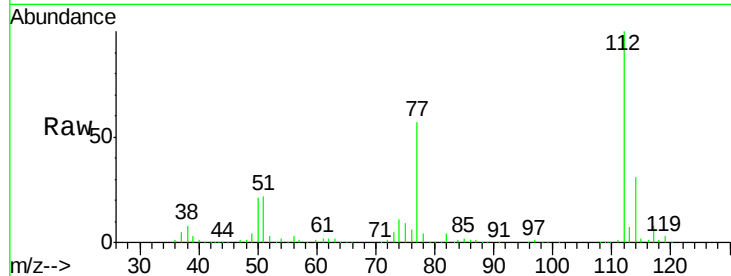




#65
Chlorobenzene
Concen: 19.99 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

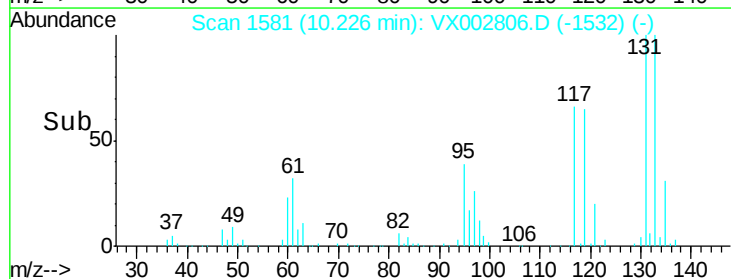
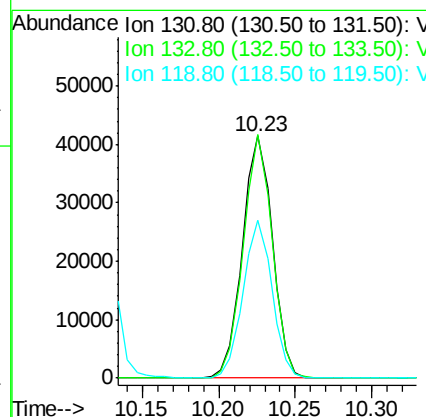
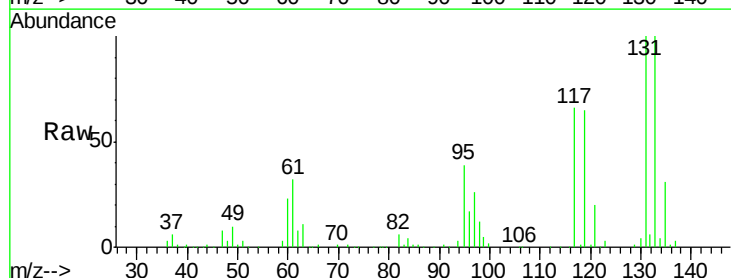
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS02

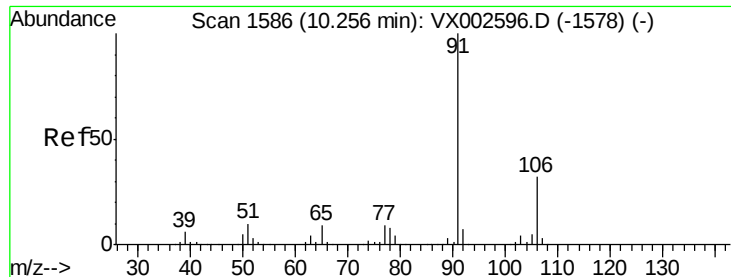
Tot Ion:112 Resp: 156808
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.09 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion:131 Resp: 56418
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 63.2 31.8 95.3





#67

Ethyl Benzene

Concen: 19.52 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

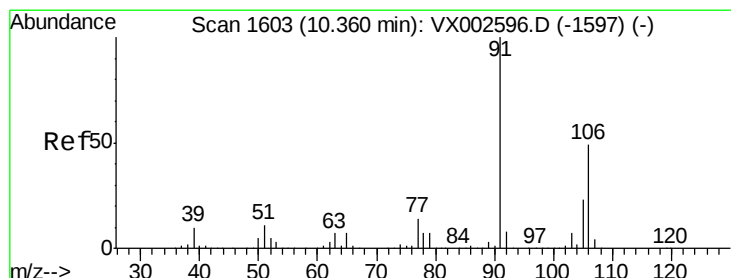
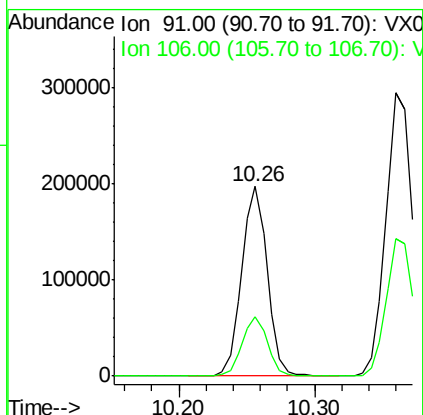
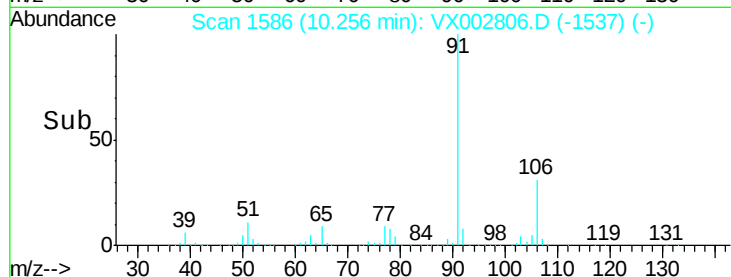
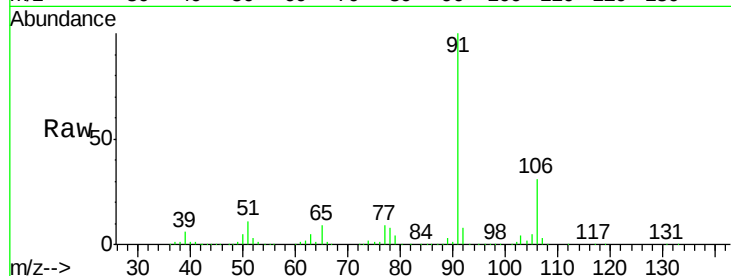
VX0621WBS02

Tot Ion: 91 Resp: 258305

Ion Ratio Lower Upper

91 100

106 31.3 25.5 38.3



#68

m/p-Xylenes

Concen: 39.10 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002806.D

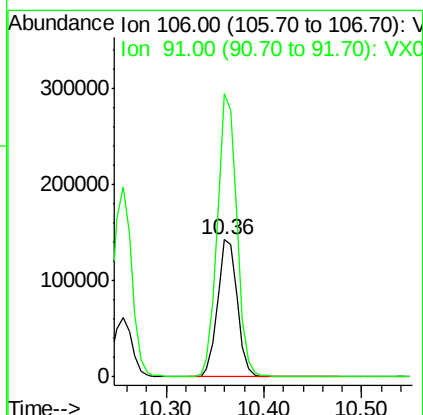
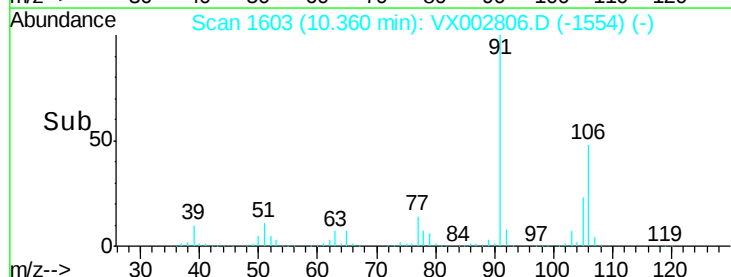
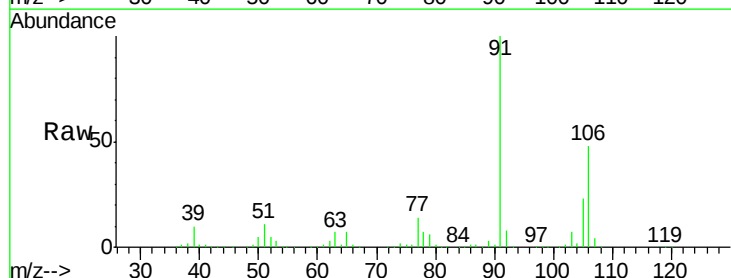
Acq: 22 Jun 2018 00:01

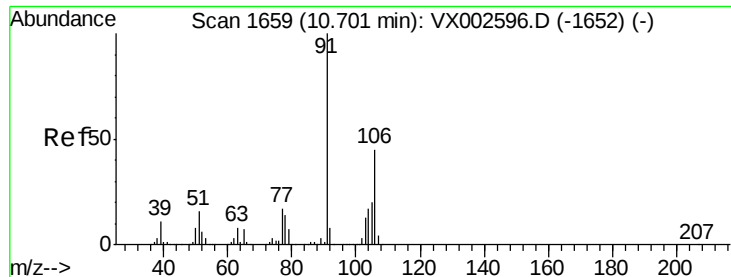
Tgt Ion: 106 Resp: 199576

Ion Ratio Lower Upper

106 100

91 204.5 163.4 245.2

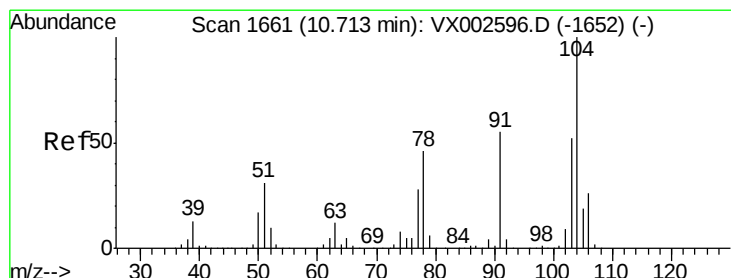
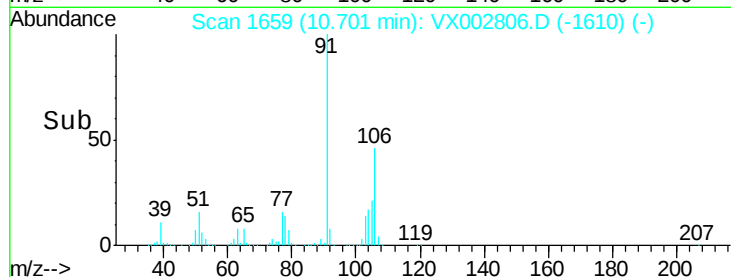
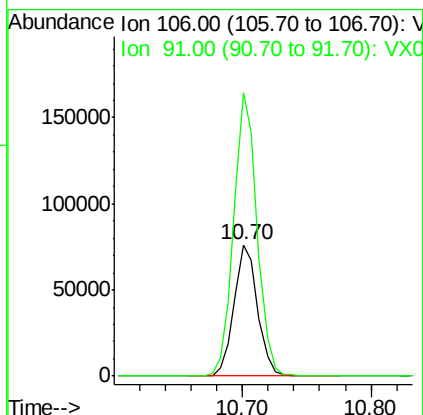
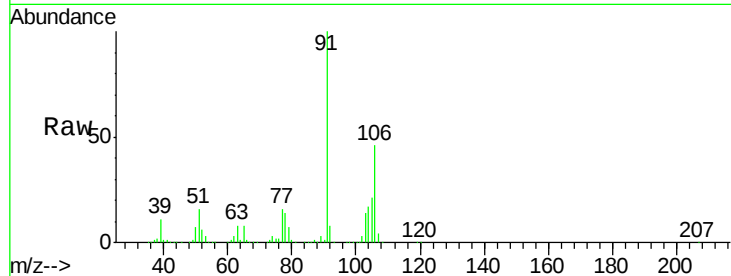




#69
o-Xylene
Concen: 19.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

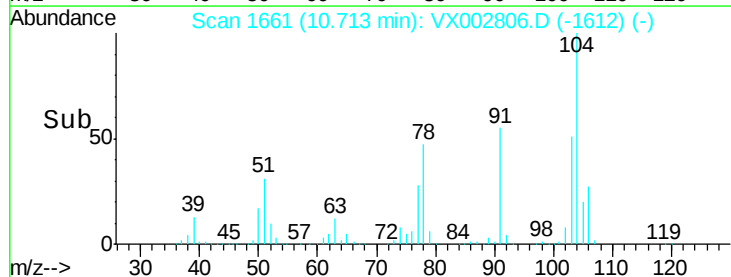
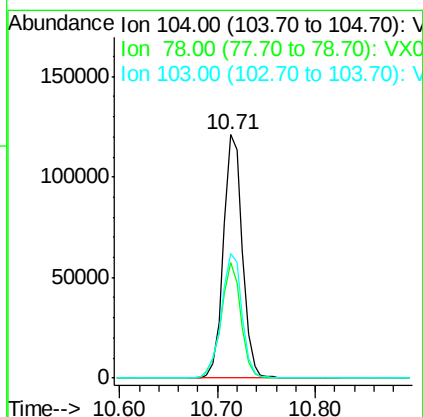
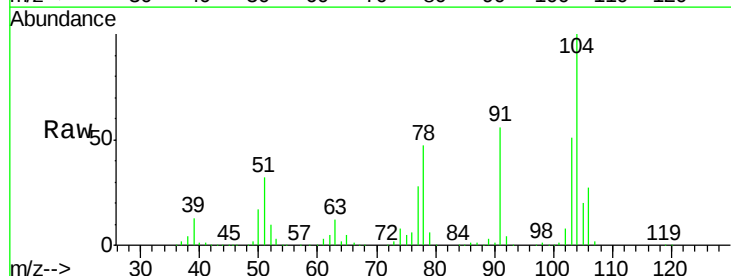
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS02

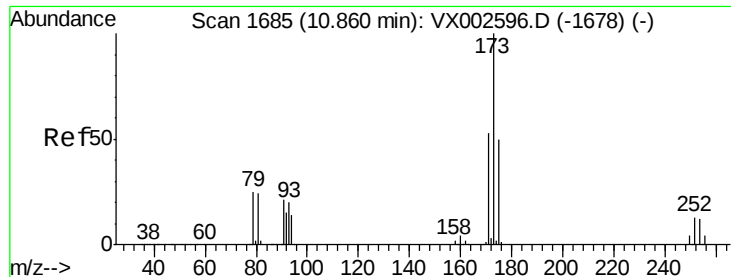
Tot Ion:106 Resp: 97295
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6



#70
Styrene
Concen: 19.71 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion:104 Resp: 162568
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 55.7 44.2 66.4

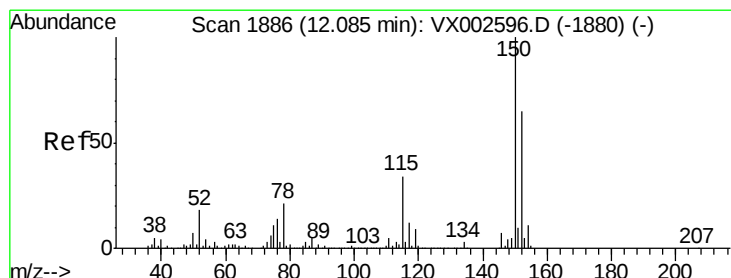
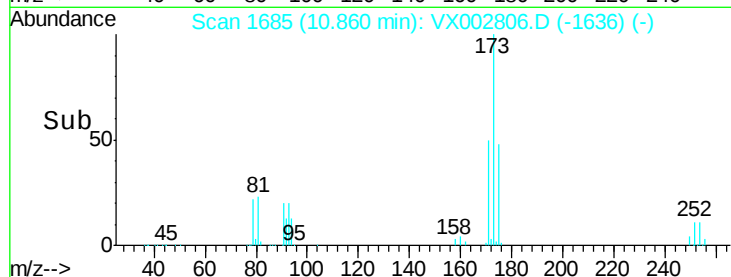
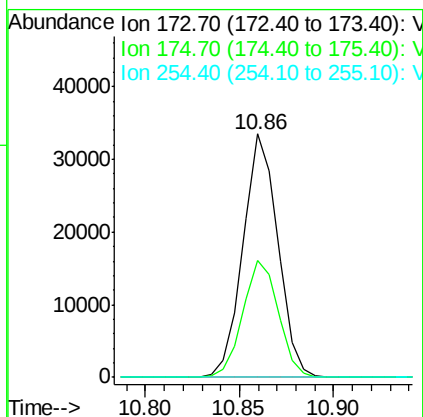
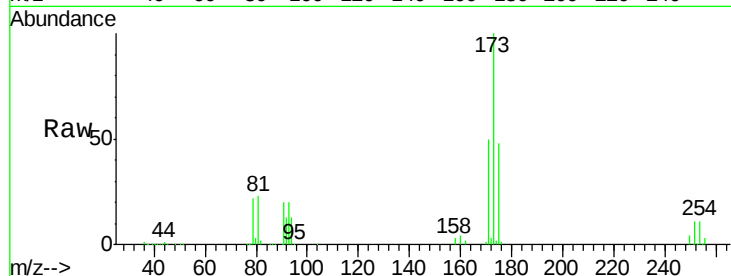




#71
Bromoform
Concen: 20.83 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

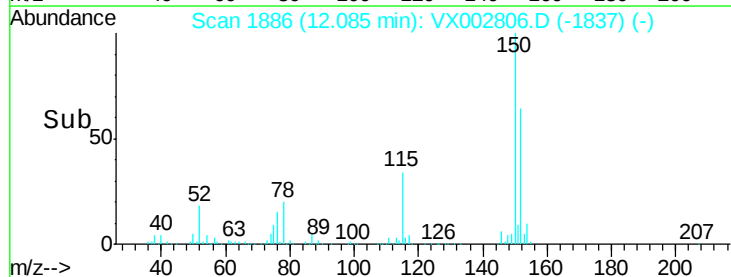
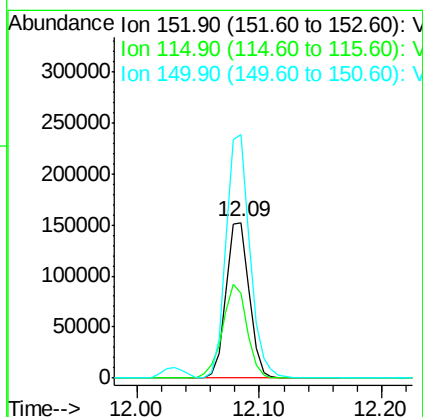
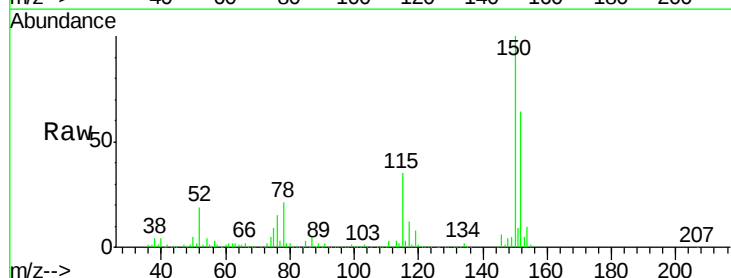
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS02

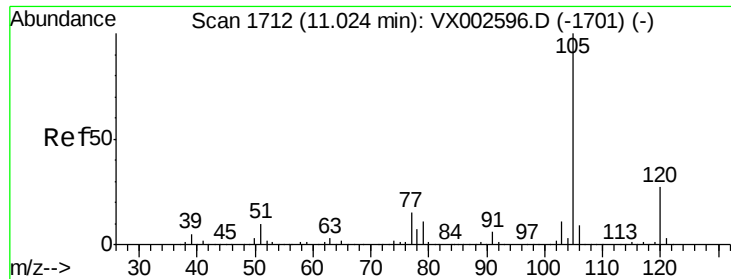
Tot Ion:173 Resp: 43100
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion:152 Resp: 197063
Ion Ratio Lower Upper
152 100
115 64.5 40.1 120.2
150 161.7 0.0 347.2





#73

Isopropylbenzene

Concen: 20.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

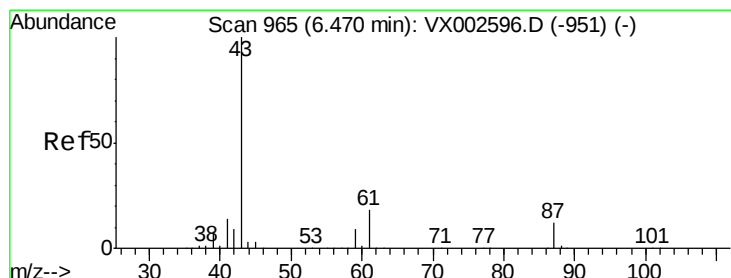
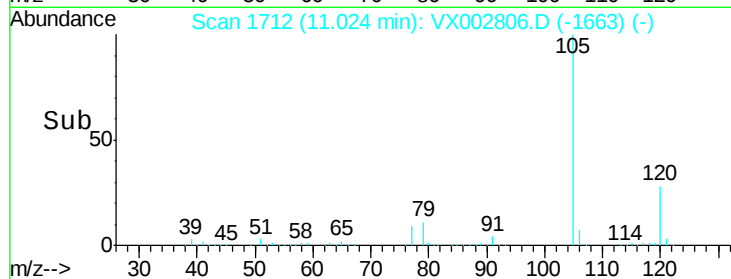
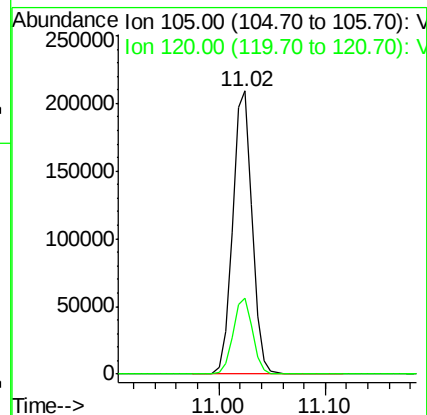
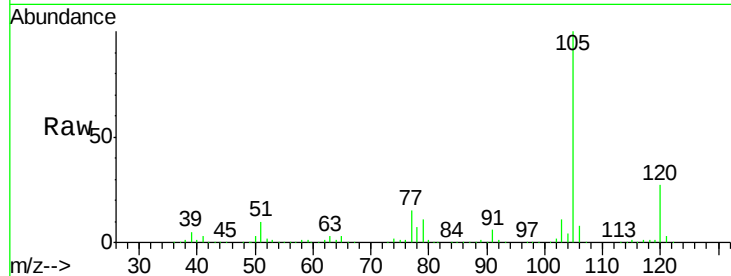
VX0621WBS02

Tot Ion:105 Resp: 267698

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 19.27 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Tgt Ion: 43 Resp: 126203

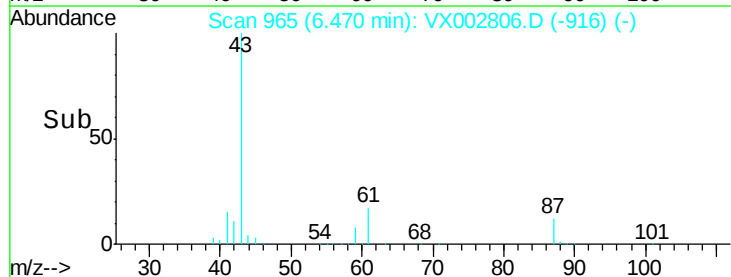
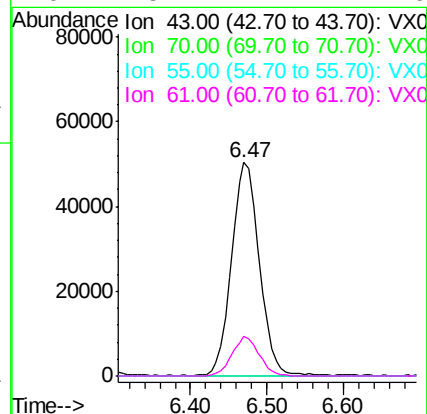
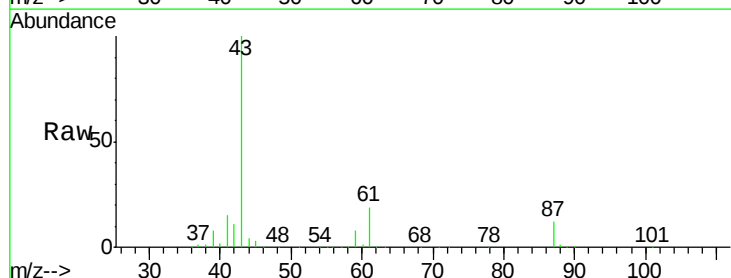
Ion Ratio Lower Upper

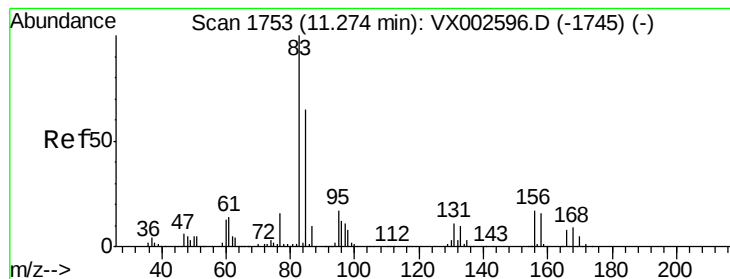
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.09 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

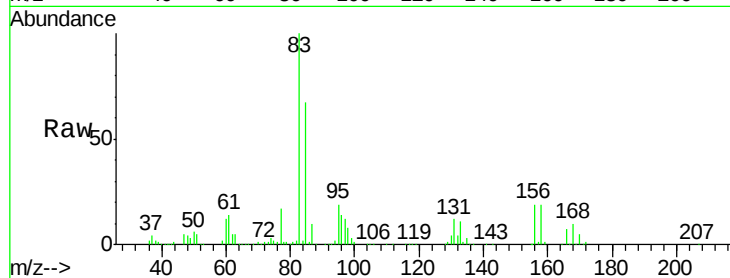
Tot Ion: 83 Resp: 82073

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

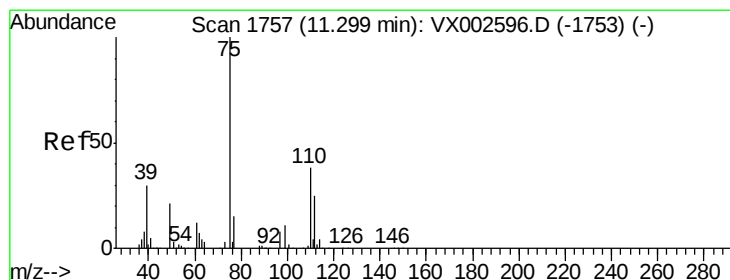
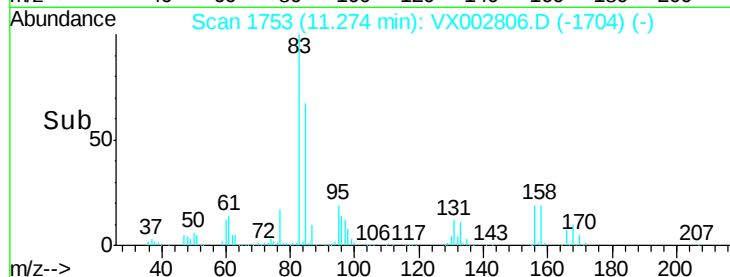
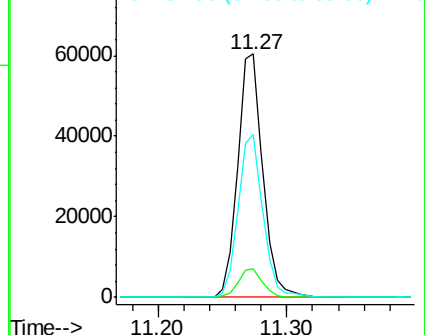
85 65.9 32.4 97.2



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: 24.68 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002806.D

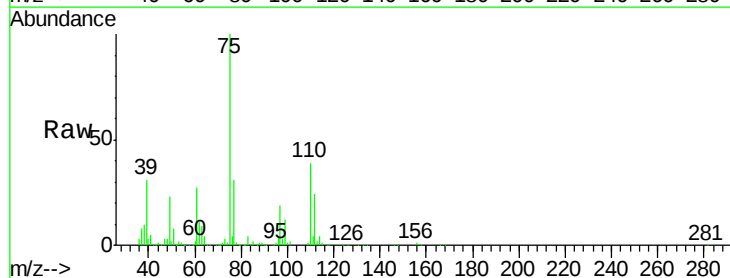
Acq: 22 Jun 2018 00:01

Tgt Ion: 75 Resp: 91784

Ion Ratio Lower Upper

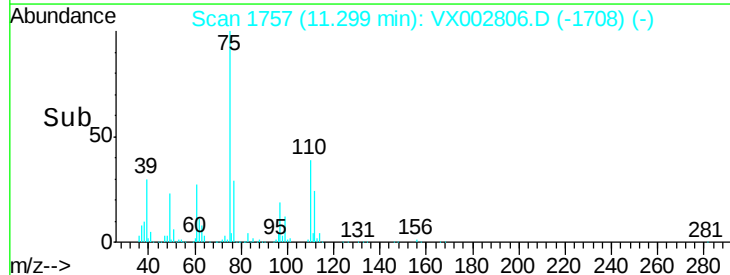
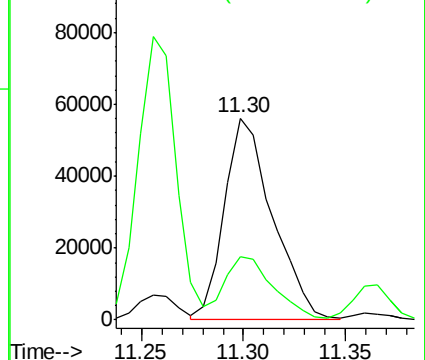
75 100

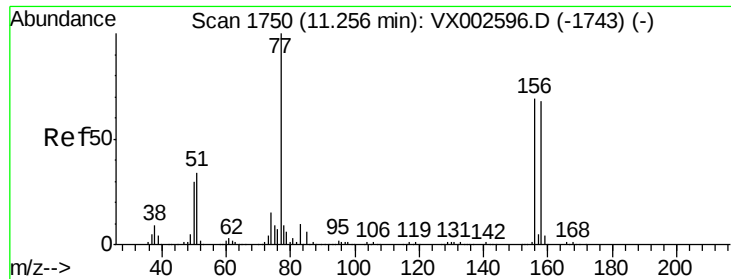
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS02

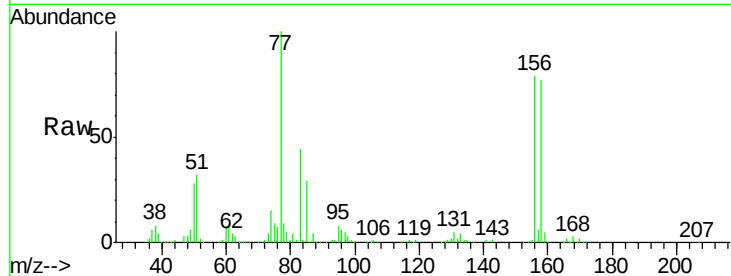
Tot Ion:156 Resp: 75582

Ion Ratio Lower Upper

156 100

77 134.7 71.4 214.2

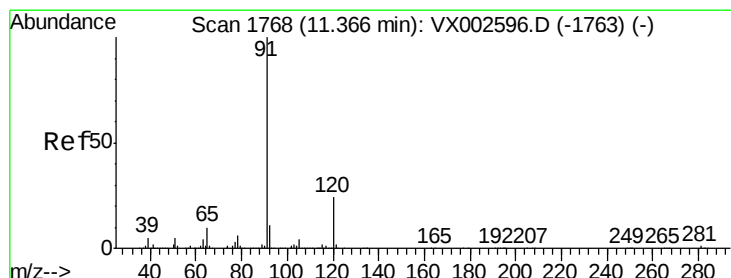
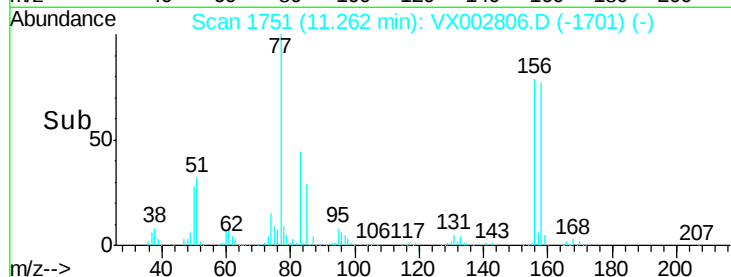
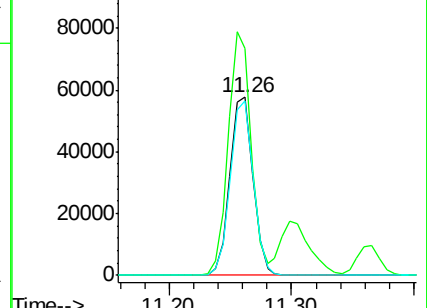
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002806.D

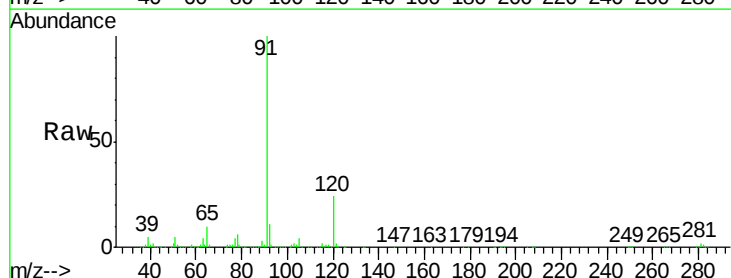
Acq: 22 Jun 2018 00:01

Tgt Ion: 91 Resp: 299226

Ion Ratio Lower Upper

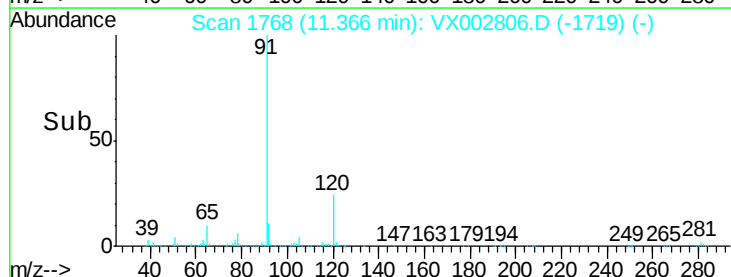
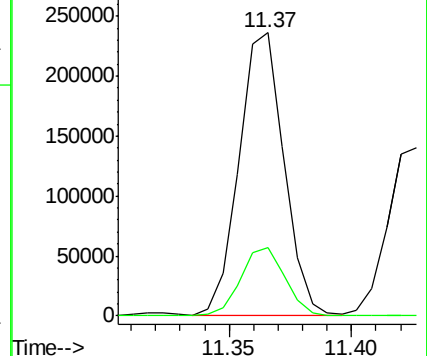
91 100

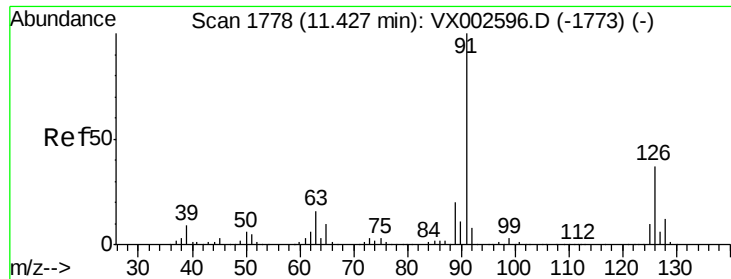
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.21 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampled :

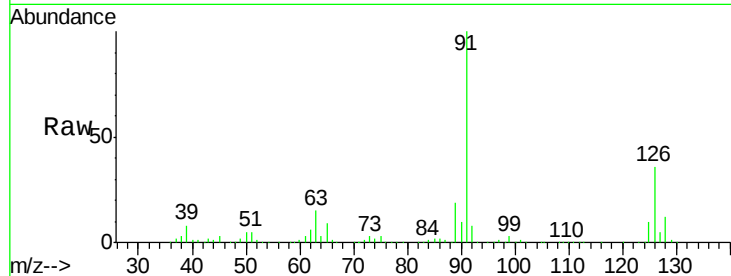
VX0621WBS02

Tot Ion: 91 Resp: 182423

Ion Ratio Lower Upper

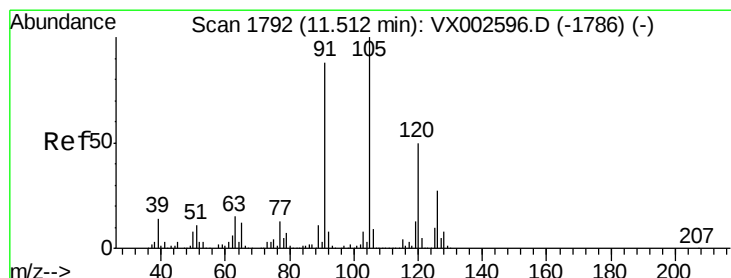
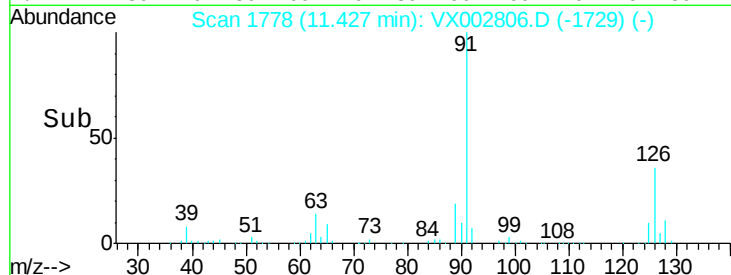
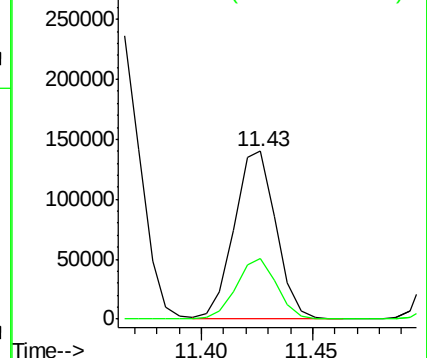
91 100

126 35.4 17.7 53.1



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: 19.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002806.D

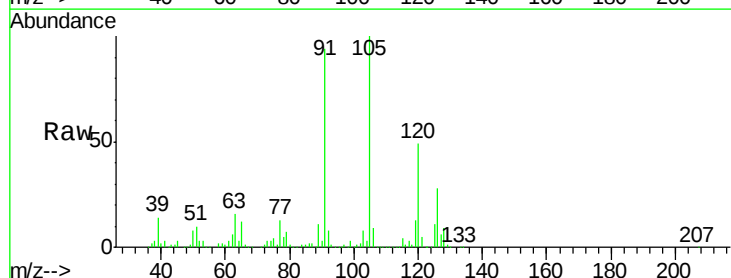
Acq: 22 Jun 2018 00:01

Tgt Ion:105 Resp: 222249

Ion Ratio Lower Upper

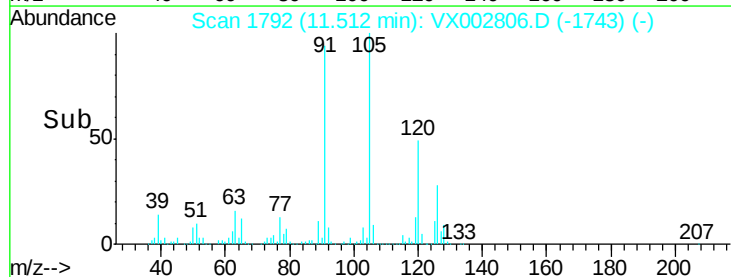
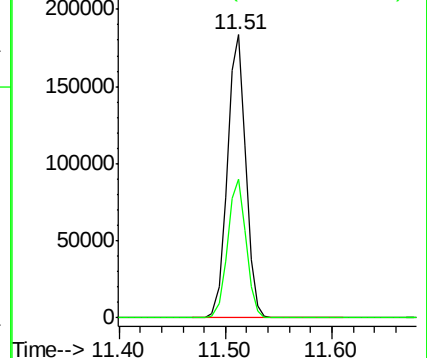
105 100

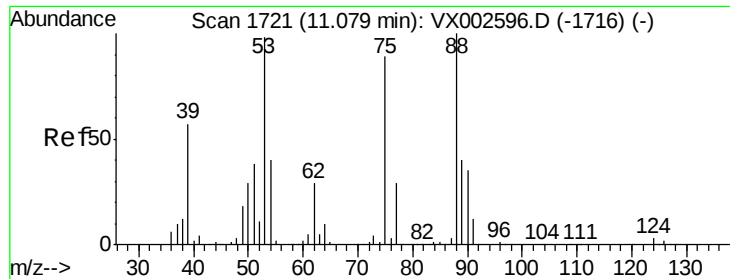
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

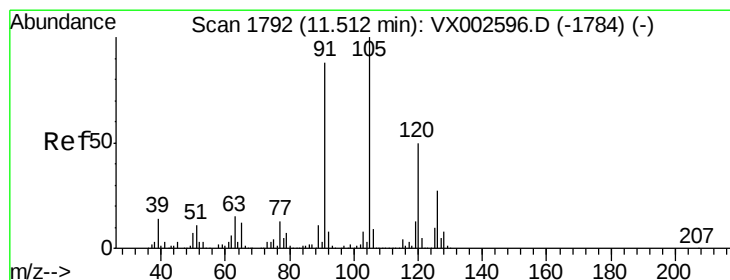
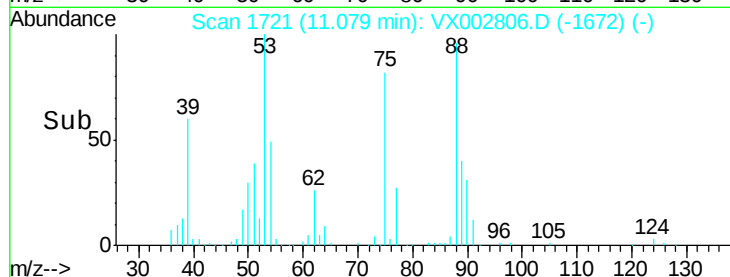
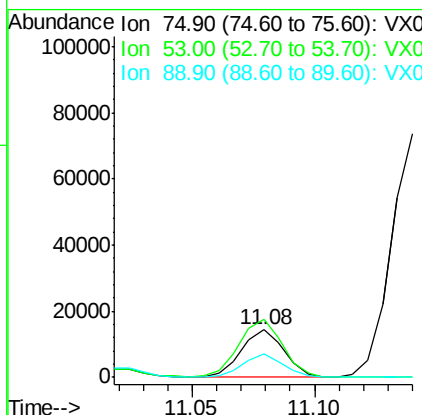
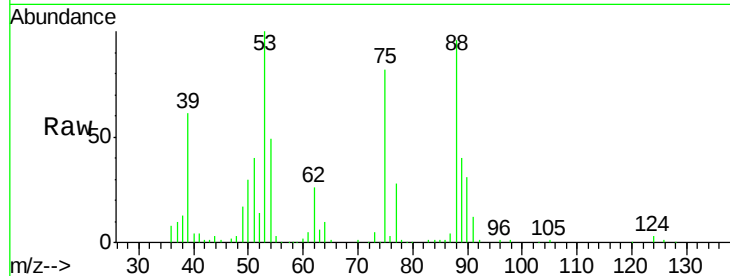




#81
trans-1,4-Dichloro-2-butene
Concen: 17.99 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

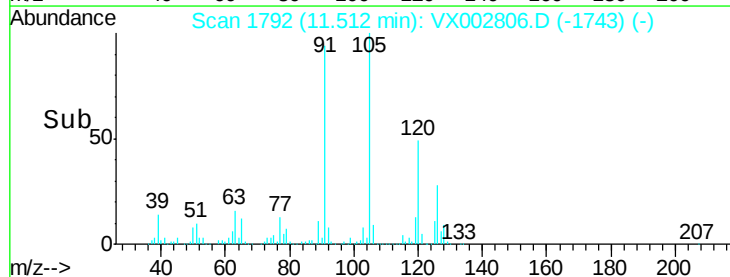
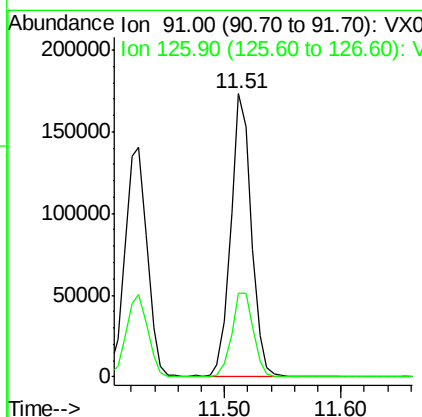
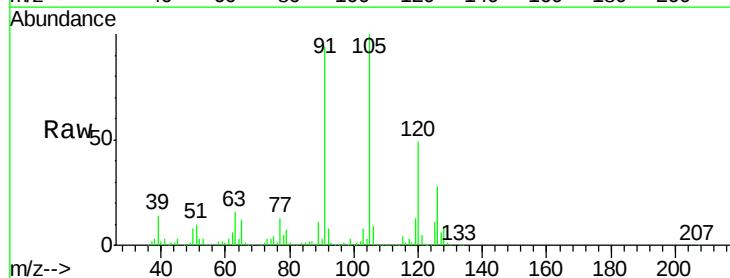
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS02

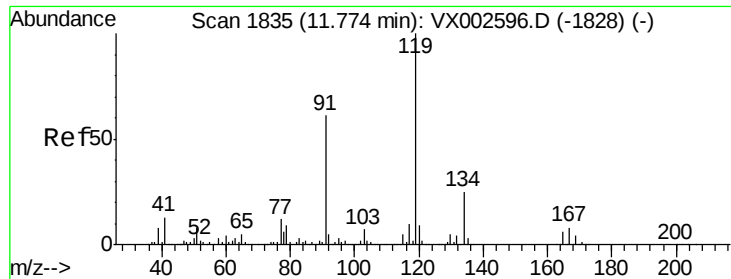
Tot Ion: 75 Resp: 17512
Ion Ratio Lower Upper
75 100
53 125.5 86.8 130.2
89 47.1 38.2 57.2



#82
4-Chlorotoluene
Concen: 19.95 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002806.D
Acq: 22 Jun 2018 00:01

Tgt Ion: 91 Resp: 212482
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.4

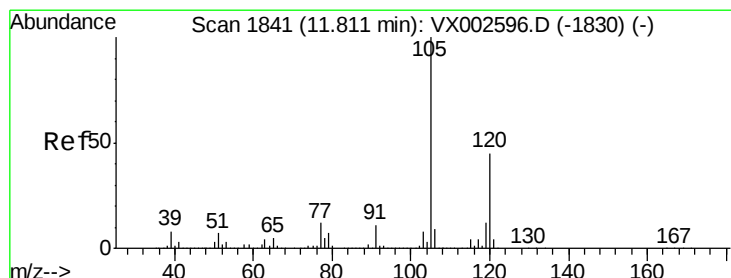
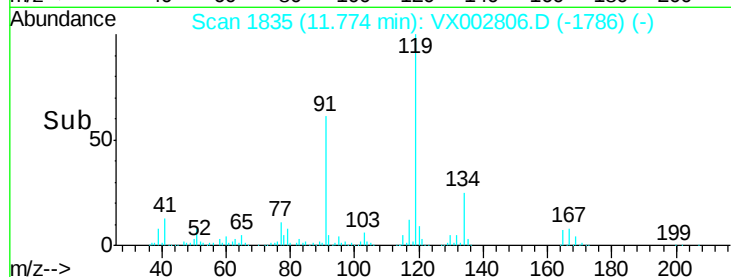
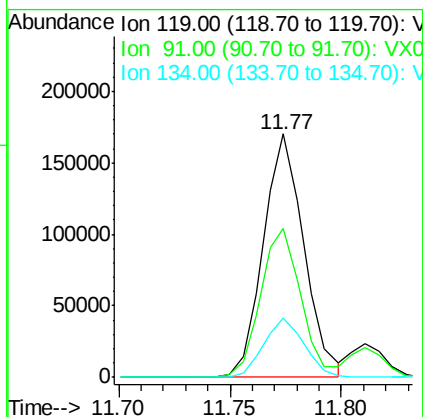
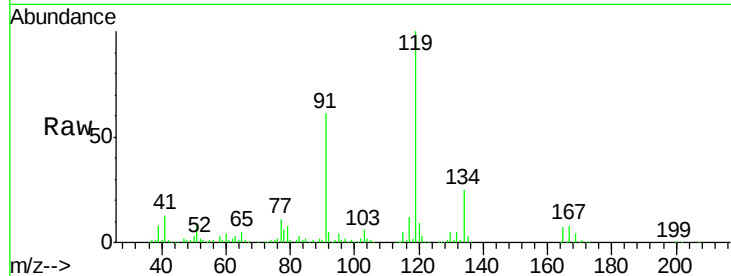




#83
 tert-Butylbenzene
 Concen: 20.09 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

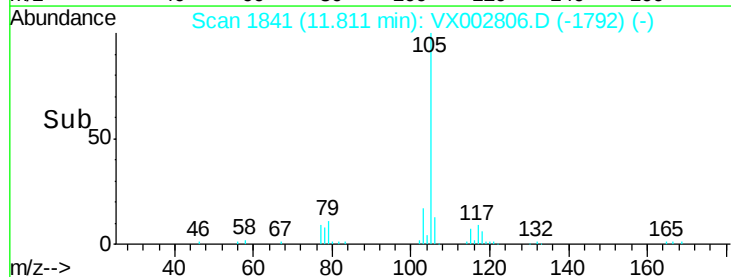
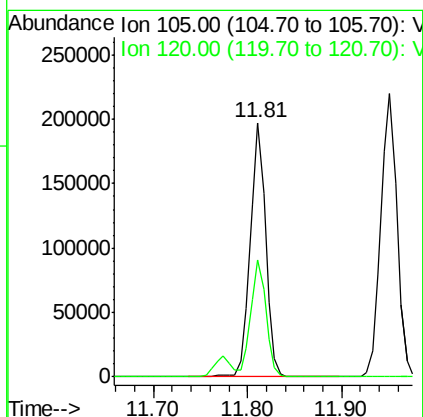
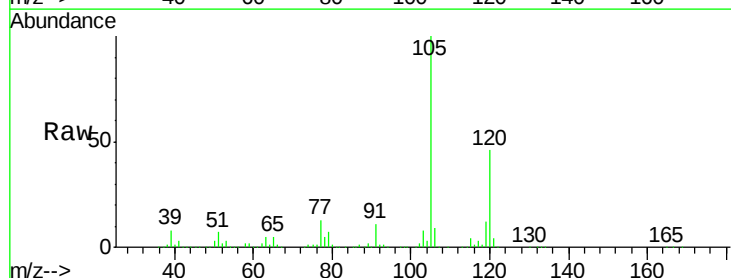
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

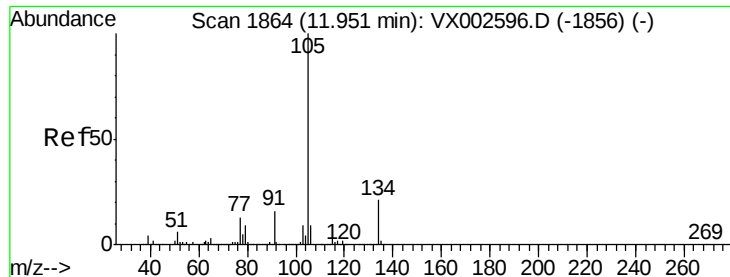
Tot Ion:119 Resp: 215562
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.3 90.9
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.08 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion:105 Resp: 228220
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

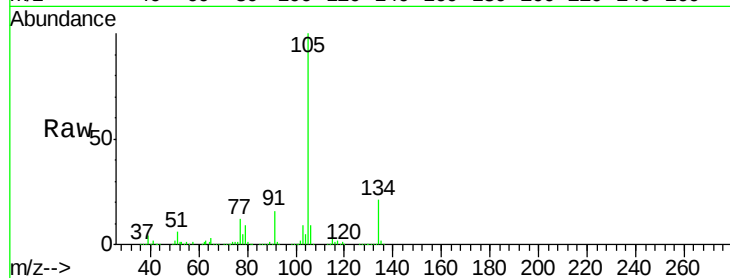
VX0621WBS02

Tot Ion:105 Resp: 264511

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

150000

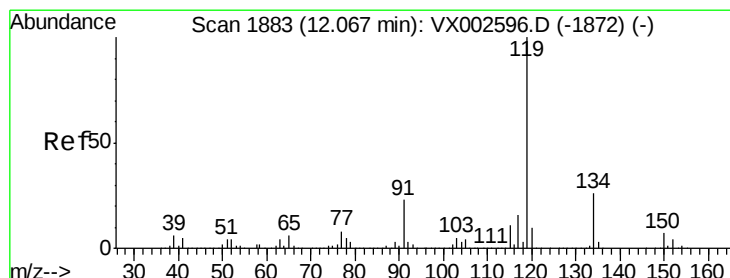
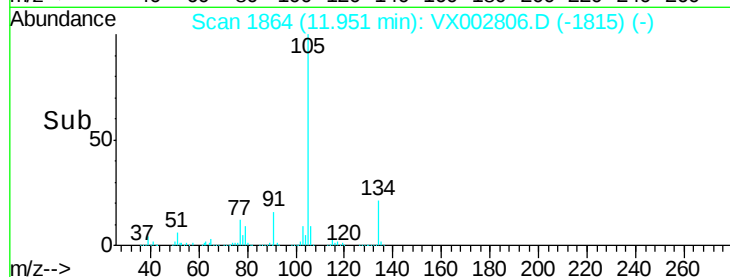
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

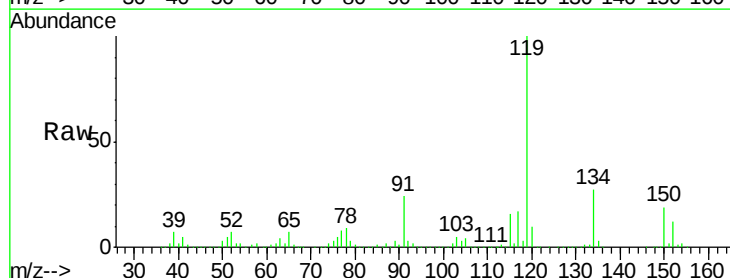
Tgt Ion:119 Resp: 235472

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

250000

200000

150000

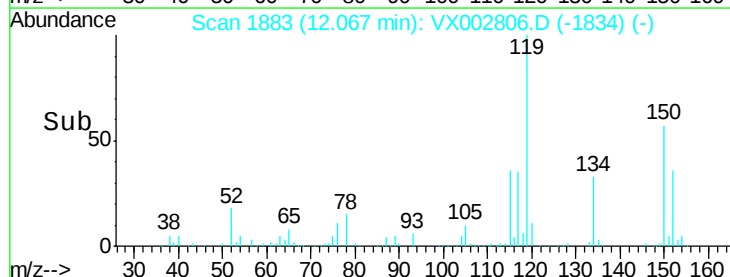
100000

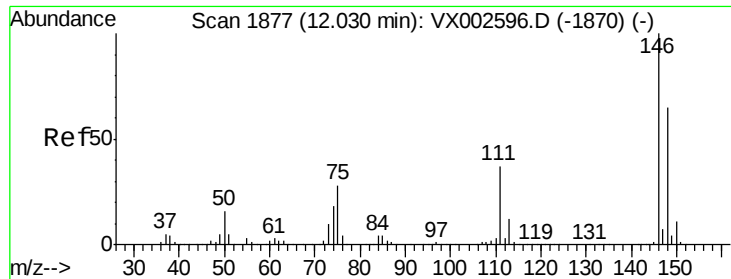
50000

0

Time-->

12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 19.88 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS02

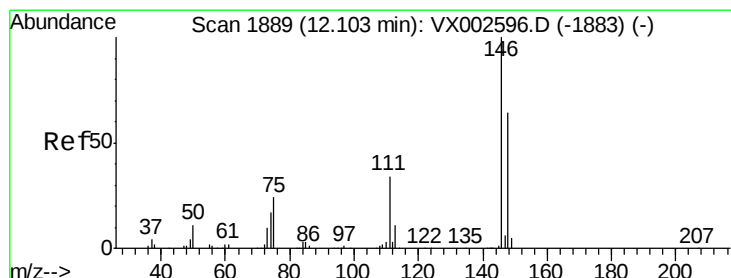
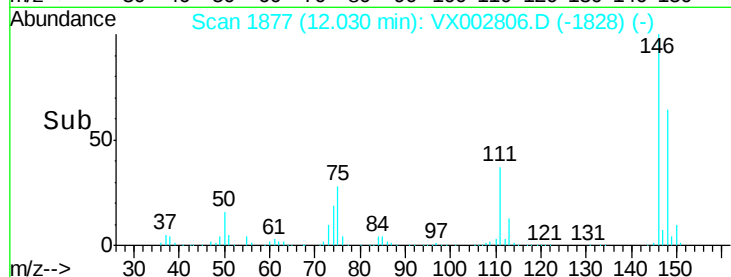
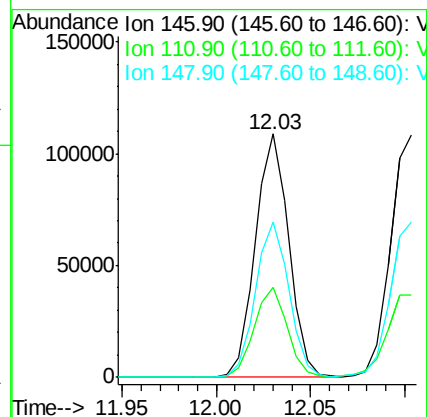
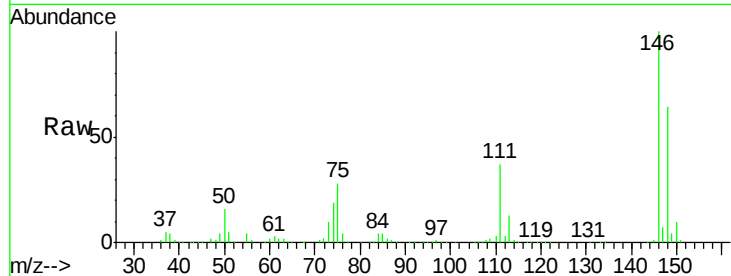
Tot Ion:146 Resp: 133835

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.7

148 63.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.60 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

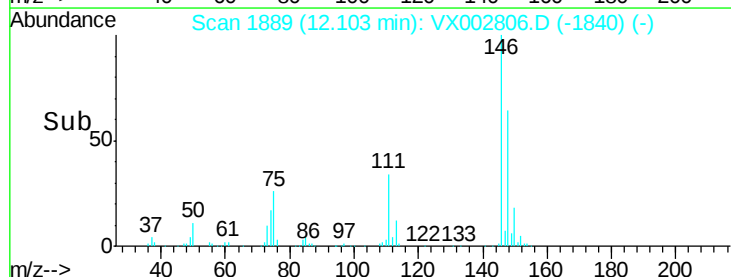
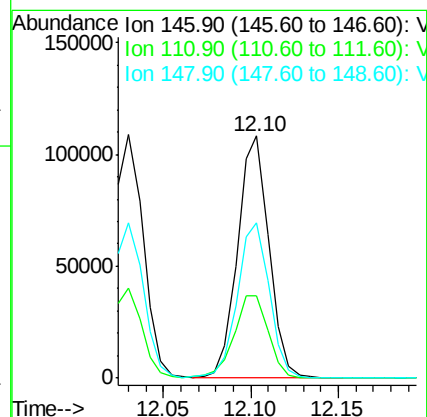
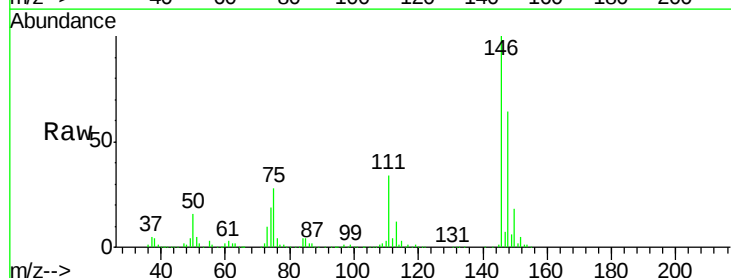
Tgt Ion:146 Resp: 134302

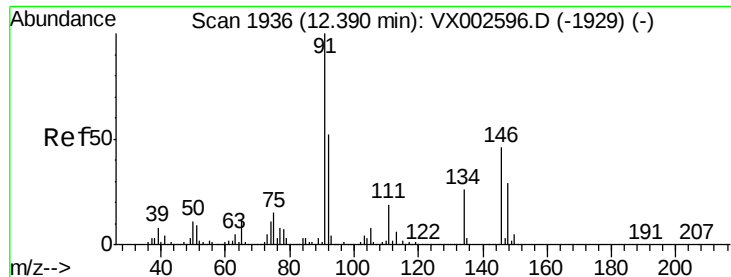
Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 65.8 32.4 97.0





#89

n-Butylbenzene

Concen: 18.51 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

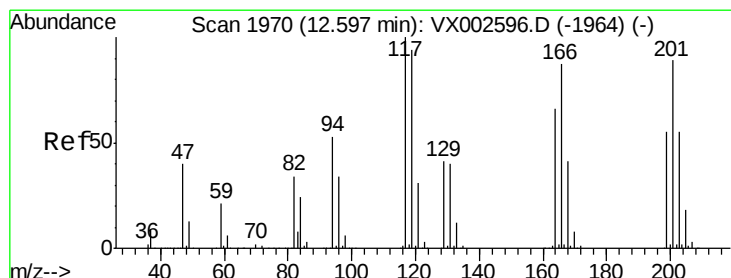
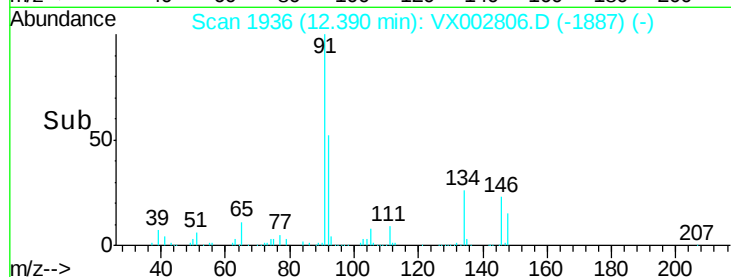
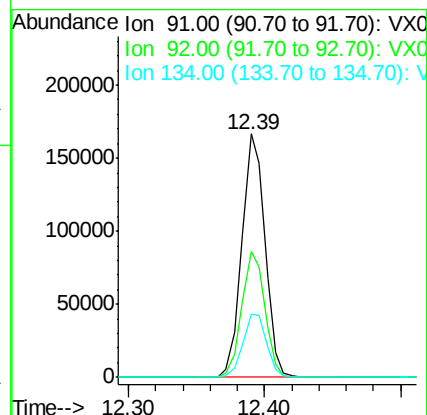
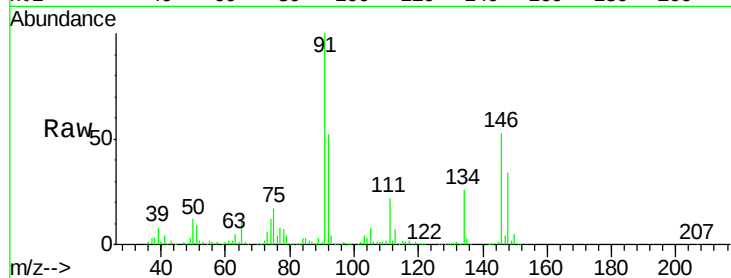
Tot Ion: 91 Resp: 197090

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 26.9 13.5 40.5



#90

Hexachloroethane

Concen: 19.23 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002806.D

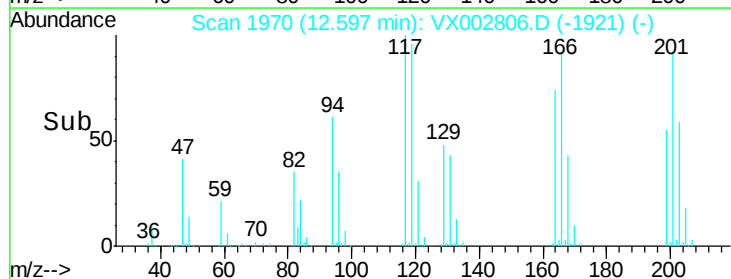
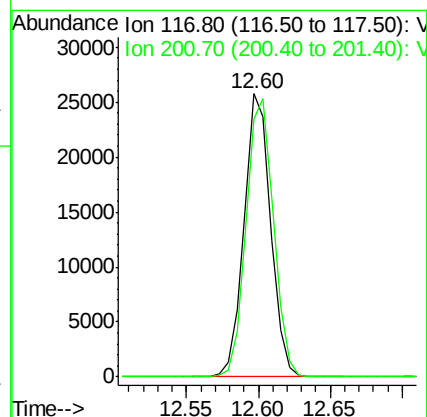
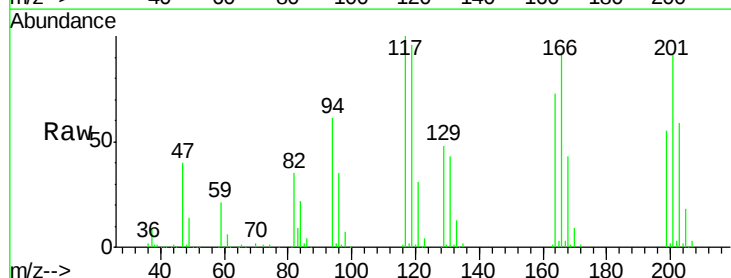
Acq: 22 Jun 2018 00:01

Tgt Ion: 117 Resp: 32977

Ion Ratio Lower Upper

117 100

201 100.5 49.0 147.0

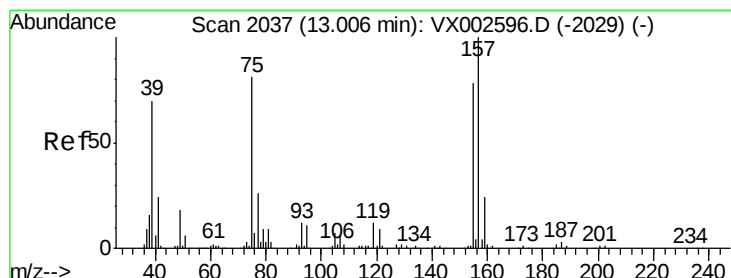
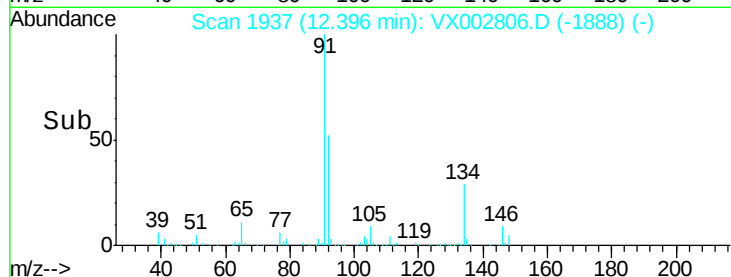
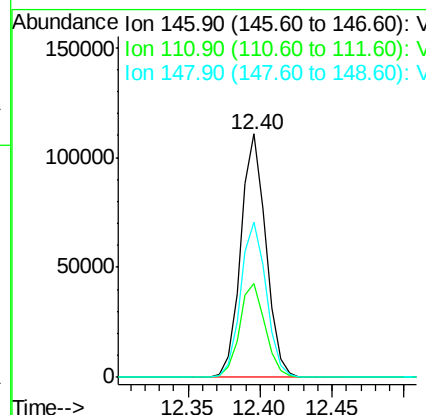
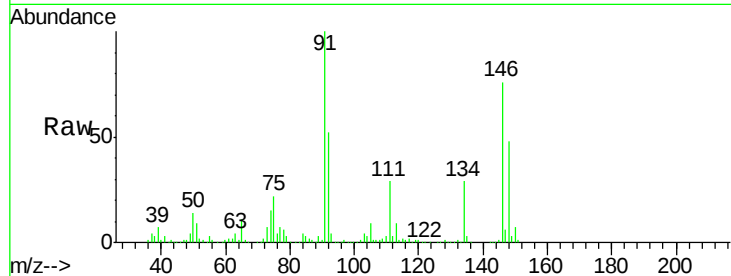




#91
 1,2-Dichlorobenzene
 Concen: 19.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

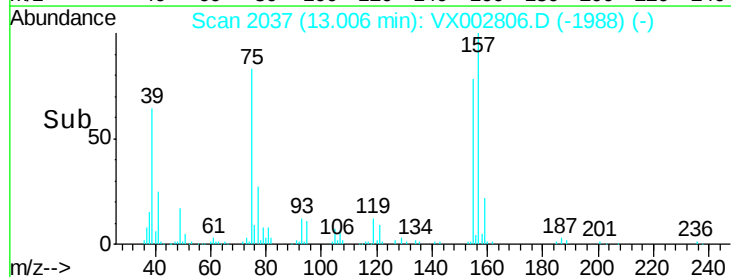
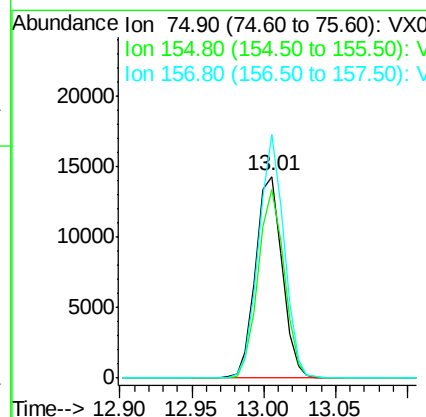
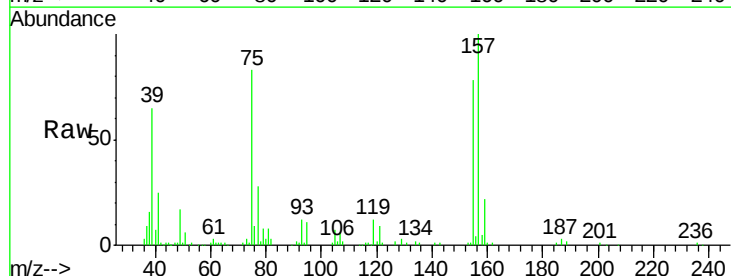
Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS02

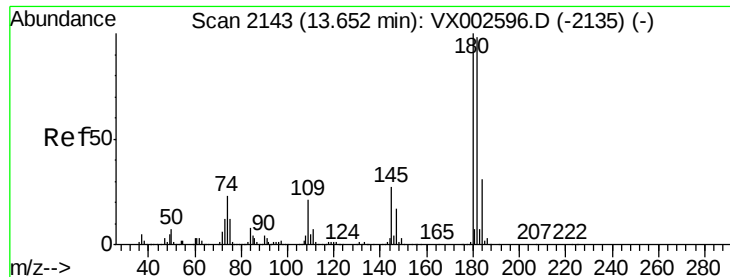
Tot Ion:146 Resp: 134537
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 65.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion: 75 Resp: 18323
 Ion Ratio Lower Upper
 75 100
 155 91.4 45.8 137.4
 157 114.5 60.1 180.3

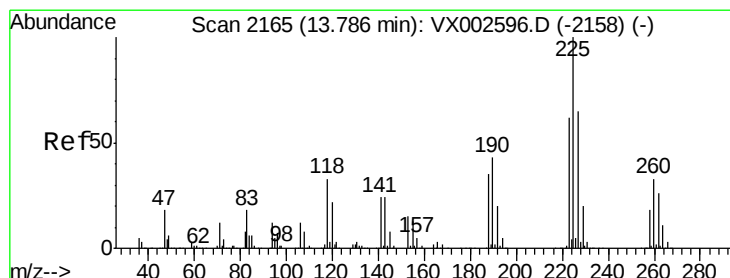
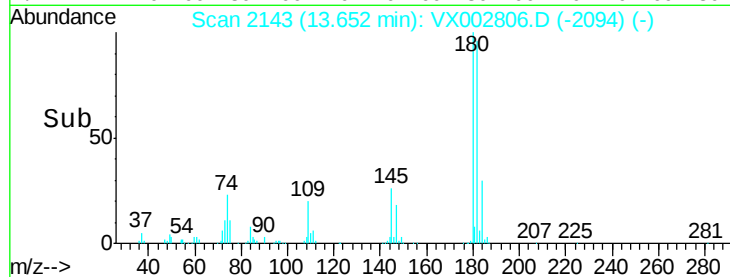
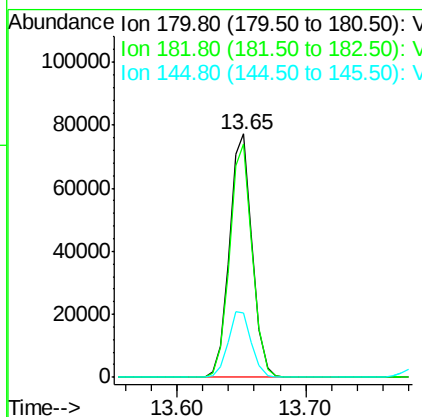
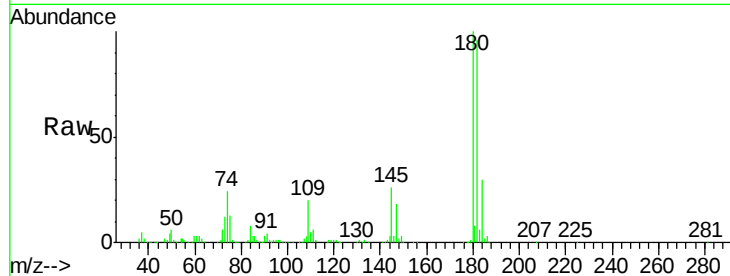




#93
 1,2,4-Trichlorobenzene
 Concen: 19.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

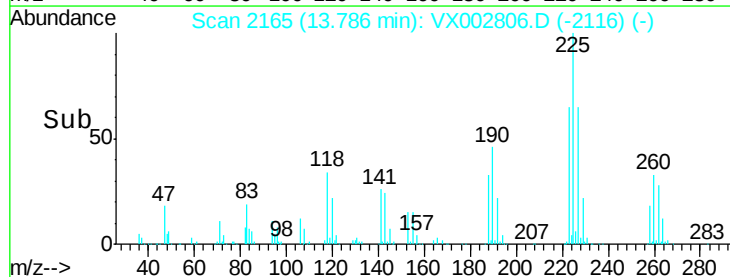
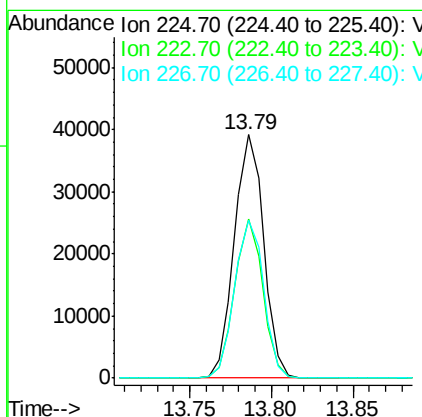
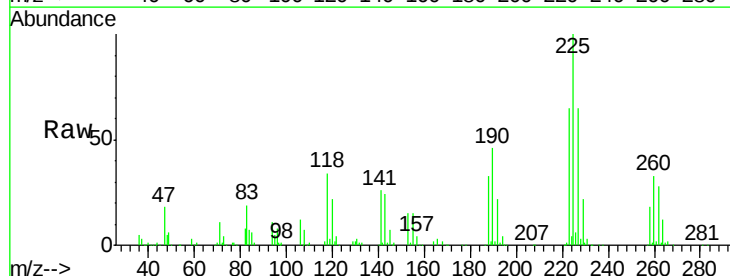
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

Tot Ion:180 Resp: 94947
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002806.D
 Acq: 22 Jun 2018 00:01

Tgt Ion:225 Resp: 49230
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 64.2 32.4 97.2





#95

Naphthalene

Concen: 20.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS02

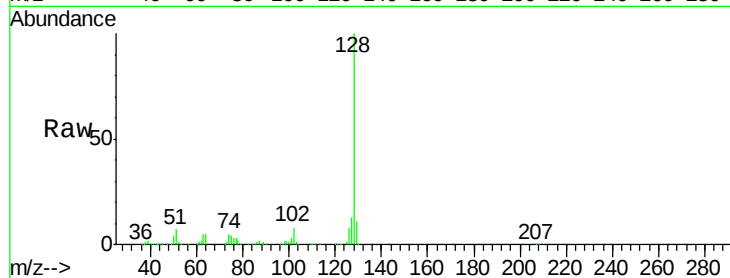
Tot Ion:128 Resp: 271453

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

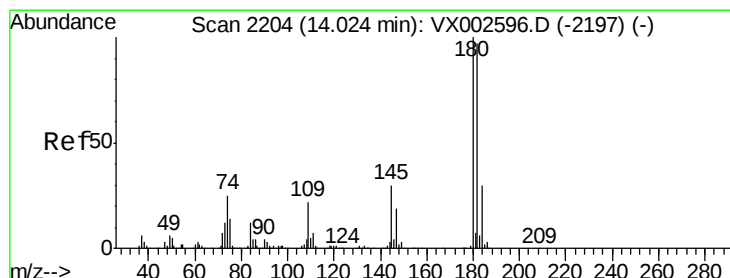
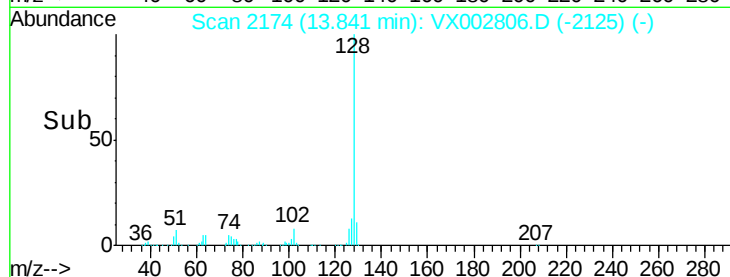
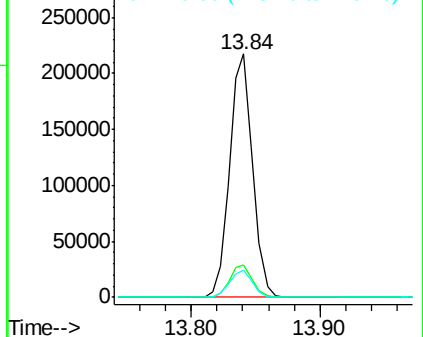
129 11.0 8.6 13.0



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: 20.14 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002806.D

Acq: 22 Jun 2018 00:01

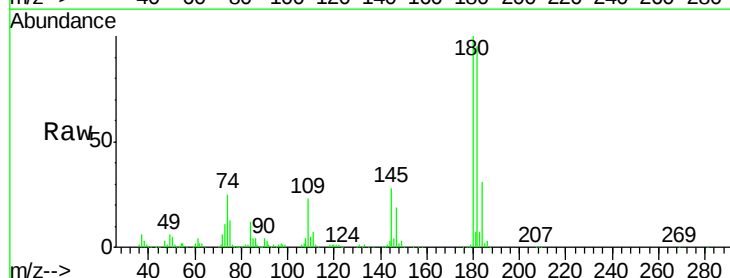
Tgt Ion:180 Resp: 99508

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.0

145 28.7 14.8 44.3



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

