

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002807.D
 Acq On : 22 Jun 2018 00:28
 Operator : JC/MD
 Sample : VX0621WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 02:23:45 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	236559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196666	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	158583	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	125742	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
50) Toluene-d8	8.72	98	447991	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	11.14	95	170132	43.92	ug/l	0.00
Spiked Amount			Recovery	=	87.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50322	20.04	ug/l	100
3) Chloromethane	1.32	50	52933	17.72	ug/l	99
4) Vinyl Chloride	1.40	62	59023	19.04	ug/l	98
5) Bromomethane	1.64	94	26757	14.31	ug/l	100
6) Chloroethane	1.72	64	37628	18.42	ug/l	99
7) Trichlorofluoromethane	1.93	101	98844	19.63	ug/l	100
8) Diethyl Ether	2.19	74	35916	18.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55497	19.71	ug/l	99
10) Methyl Iodide	2.51	142	54230	17.98	ug/l	99
11) Tert butyl alcohol	3.08	59	81352	109.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49966	18.90	ug/l	97
13) Acrolein	2.29	56	29190	88.35	ug/l	99
14) Allyl chloride	2.73	41	97512	18.58	ug/l	98
15) Acrylonitrile	3.15	53	162710	100.34	ug/l	100
16) Acetone	2.45	43	159244	100.41	ug/l	99
17) Carbon Disulfide	2.57	76	124806	19.91	ug/l	98
18) Methyl Acetate	2.78	43	95038	22.49	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186694	18.83	ug/l	99
20) Methylene Chloride	2.86	84	57073	17.55	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53780	18.75	ug/l	97
22) Diisopropyl ether	3.87	45	185979	19.59	ug/l	93
23) Vinyl Acetate	3.83	43	767885	96.62	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104117	20.20	ug/l	99
25) 2-Butanone	4.71	43	229697	110.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53760	14.52	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	59598	20.43	ug/l	98
28) Bromochloromethane	5.03	49	44267	18.34	ug/l	95
29) Tetrahydrofuran	5.17	42	146109	107.04	ug/l	96
30) Chloroform	5.22	83	103822	20.89	ug/l	98
31) Cyclohexane	5.57	56	84430	19.90	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	89657	21.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72866	20.34	ug/l	97
37) Ethyl Acetate	4.87	43	87384	21.55	ug/l	99
38) Carbon Tetrachloride	5.79	117	80786	22.64	ug/l	98

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 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	83026	19.82	ug/l	97
40) Benzene	6.15	78	223140	20.77	ug/l	100
41) Methacrylonitrile	5.07	41	49197	21.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	88754	21.34	ug/l	100
43) Isopropyl Acetate	6.47	43	136260	20.28	ug/l	100
44) Trichloroethene	7.21	130	65129	21.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	59169	20.93	ug/l	98
46) Dibromomethane	7.67	93	41684	22.04	ug/l	99
47) Bromodichloromethane	7.90	83	74522	22.34	ug/l	99
48) Methyl methacrylate	7.78	41	71504	20.82	ug/l	98
49) 1,4-Dioxane	7.76	88	30373	467.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	473306	109.71	ug/l	100
52) Toluene	8.79	92	140877	20.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79427	19.52	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	72401	19.29	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59783	21.59	ug/l	97
56) Ethyl methacrylate	9.18	69	86729	20.35	ug/l	98
57) 1,3-Dichloropropane	9.38	76	96169	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	170870	82.90	ug/l	98
59) 2-Hexanone	9.50	43	360378	110.85	ug/l	99
60) Dibromochloromethane	9.59	129	59646	21.47	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62247	21.70	ug/l	100
64) Tetrachloroethene	9.34	164	74883	20.86	ug/l	97
65) Chlorobenzene	10.14	112	166004	20.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60418	22.31	ug/l	99
67) Ethyl Benzene	10.26	91	275159	20.54	ug/l	98
68) m/p-Xylenes	10.36	106	213960	41.41	ug/l	100
69) o-Xylene	10.70	106	102393	20.17	ug/l	100
70) Styrene	10.71	104	172047	20.61	ug/l	99
71) Bromoform	10.86	173	45130	21.38	ug/l	99
73) Isopropylbenzene	11.02	105	282792	21.50	ug/l	99
74) N-amyl acetate	6.47	43	136260	20.85	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88756	22.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98205	26.46	ug/l	80
77) Bromobenzene	11.26	156	79667	21.74	ug/l	97
78) n-propylbenzene	11.37	91	313517	20.78	ug/l	99
79) 2-Chlorotoluene	11.43	91	191376	21.25	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	235438	21.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19307	19.44	ug/l	92
82) 4-Chlorotoluene	11.51	91	224034	21.08	ug/l	99
83) tert-Butylbenzene	11.77	119	228184	21.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	242612	21.39	ug/l	99
85) sec-Butylbenzene	11.95	105	278554	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	247502	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	142164	21.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	144892	21.19	ug/l	99
89) n-Butylbenzene	12.39	91	208014	19.57	ug/l	99
90) Hexachloroethane	12.60	117	36479	21.03	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144518	21.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19084	23.46	ug/l	99

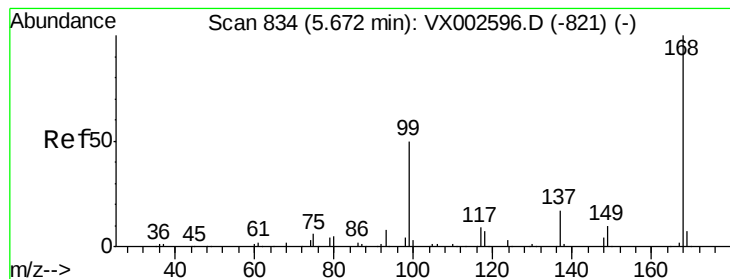
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100789	20.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	51666	19.98	ug/l	99
95) Naphthalene	13.84	128	292624	22.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105348	21.37	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

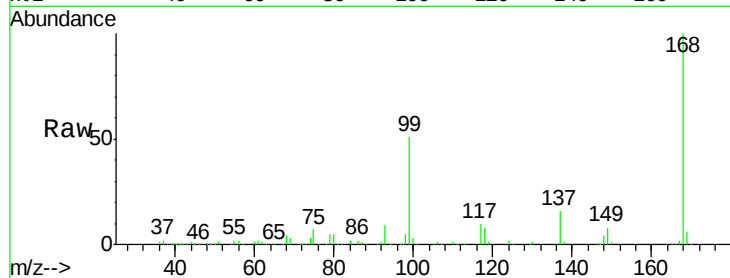
ClientSampled :

Tot Ion:168 Resp: 236559

Ion Ratio Lower Upper

168 100

99 50.9 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

80000

60000

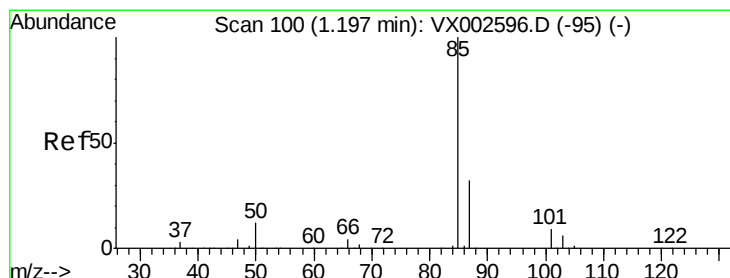
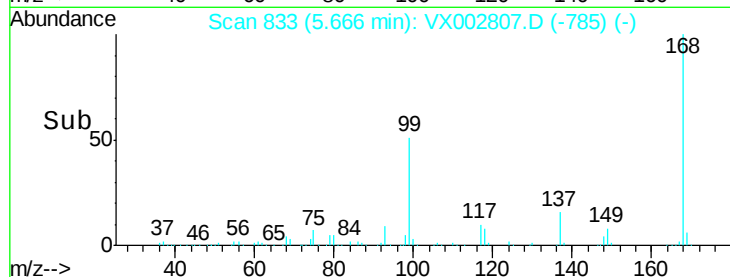
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002807.D

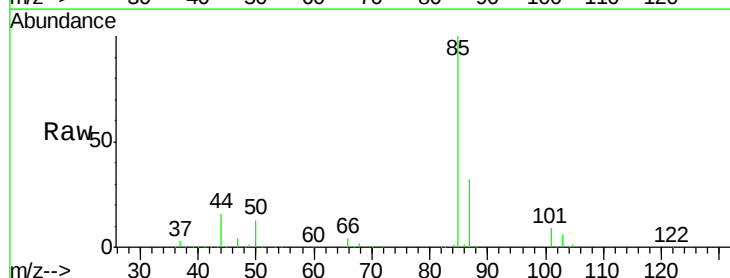
Acq: 22 Jun 2018 00:28

Tgt Ion: 85 Resp: 50322

Ion Ratio Lower Upper

85 100

87 31.8 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

60000

50000

40000

30000

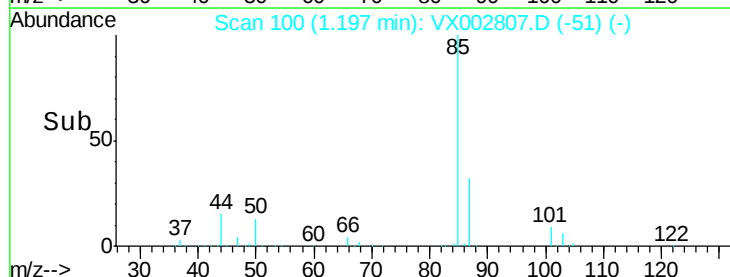
20000

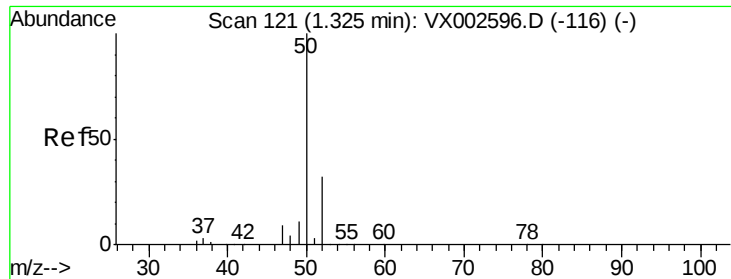
10000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

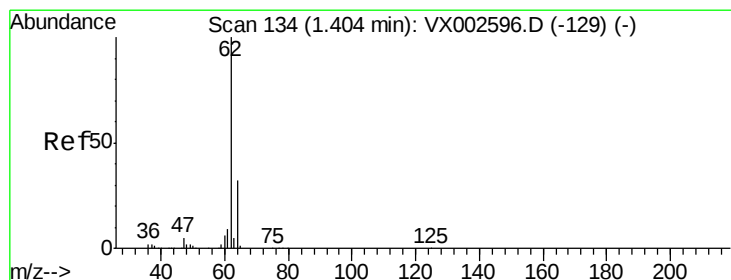
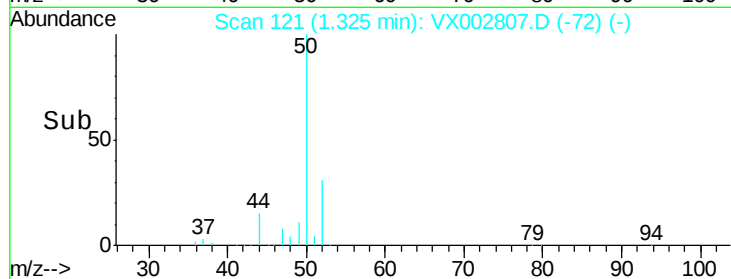
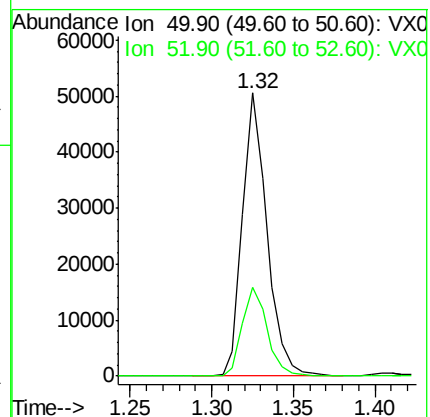
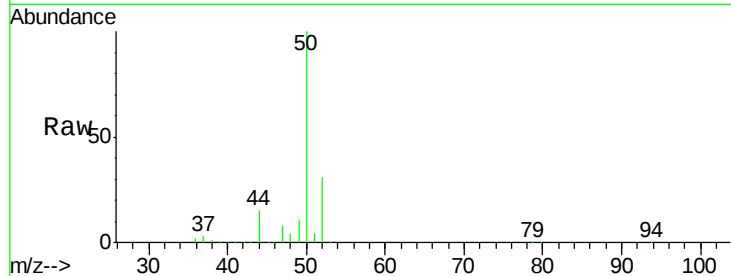
ClientSampleId :

Tot Ion: 50 Resp: 52933

Ion Ratio Lower Upper

50 100

52 31.5 25.7 38.5



#4

Vinyl Chloride

Concen: 19.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002807.D

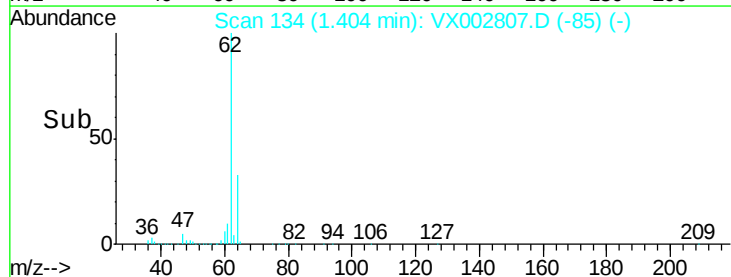
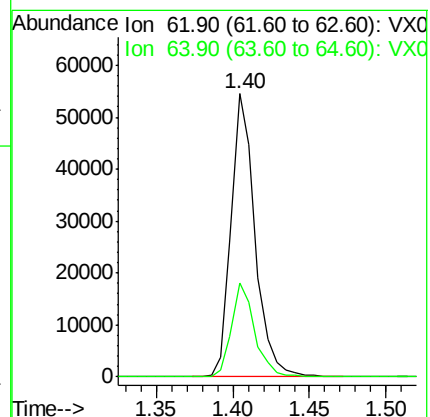
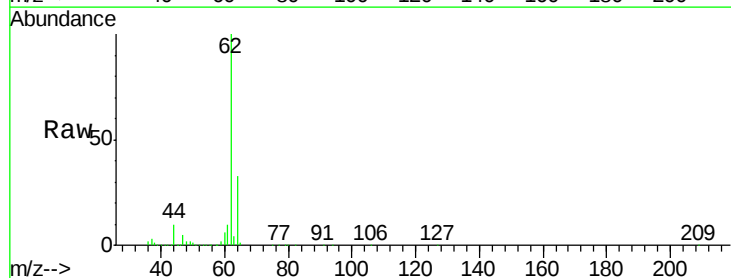
Acq: 22 Jun 2018 00:28

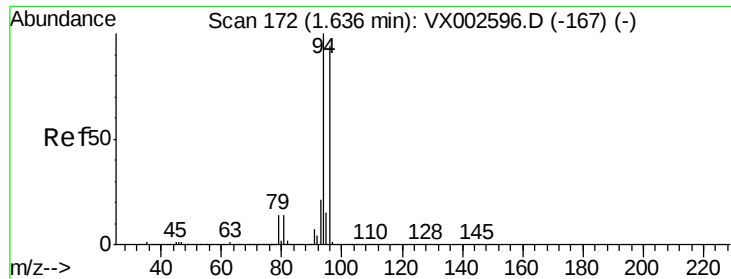
Tgt Ion: 62 Resp: 59023

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 14.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

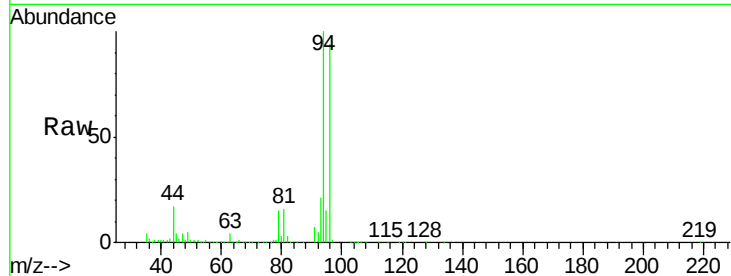
ClientSampleId :

Tot Ion: 94 Resp: 26757

Ion Ratio Lower Upper

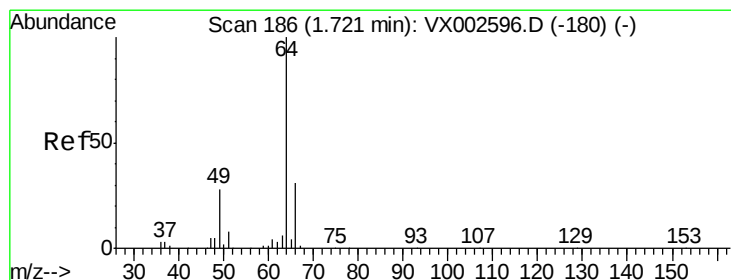
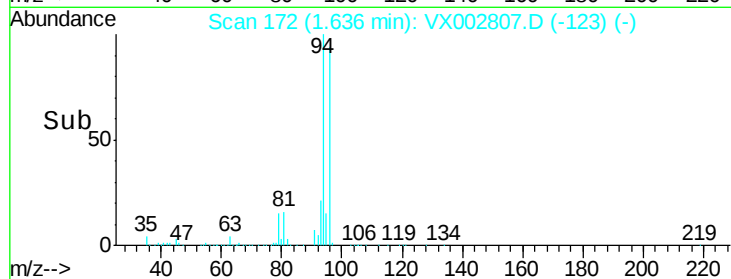
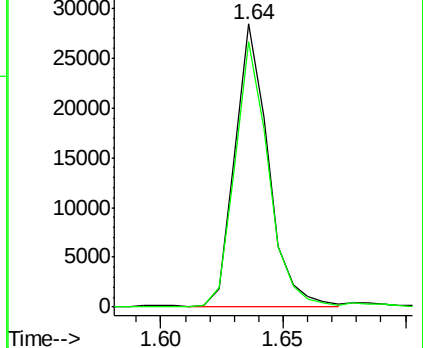
94 100

96 93.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.42 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002807.D

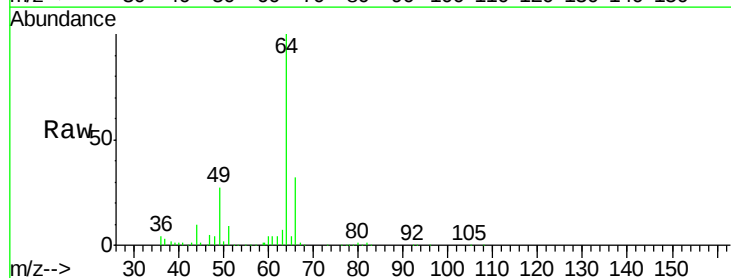
Acq: 22 Jun 2018 00:28

Tgt Ion: 64 Resp: 37628

Ion Ratio Lower Upper

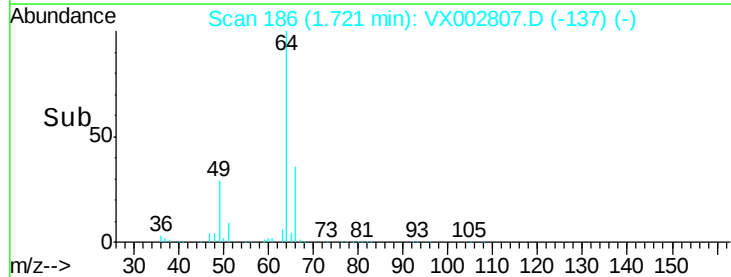
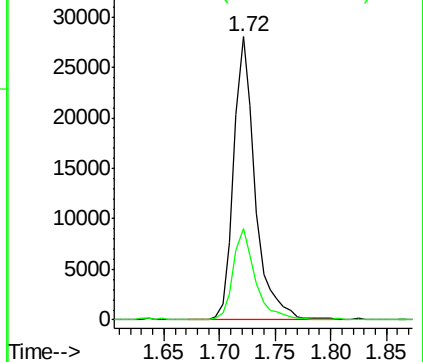
64 100

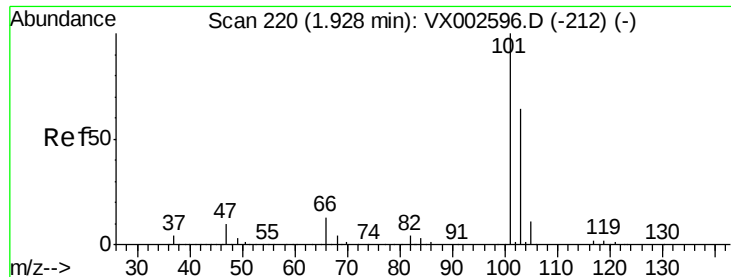
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.63 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

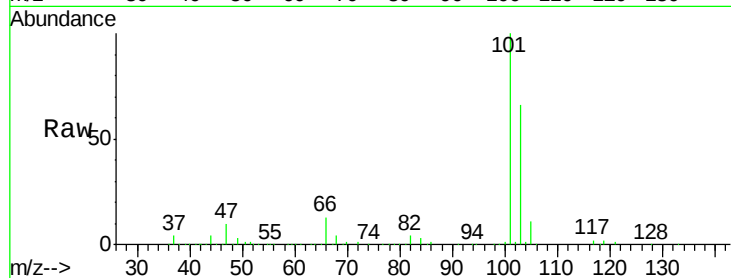
ClientSampleId :

Tot Ion:101 Resp: 98844

Ion Ratio Lower Upper

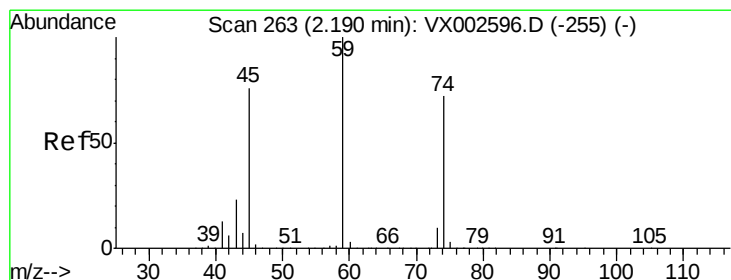
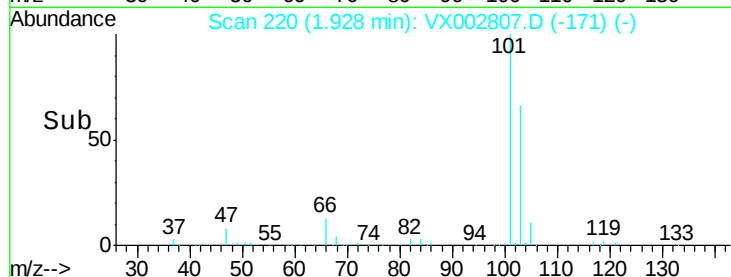
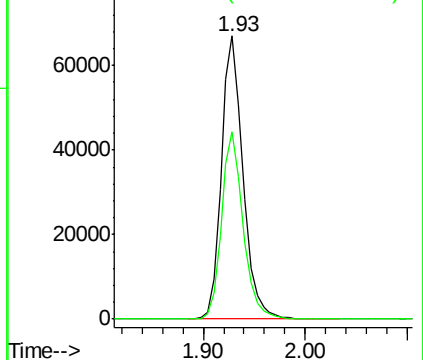
101 100

103 66.3 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: 18.75 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002807.D

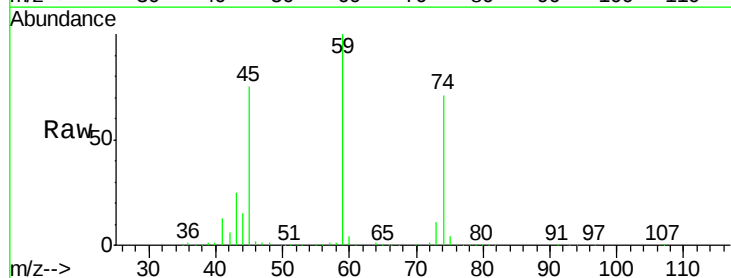
Acq: 22 Jun 2018 00:28

Tgt Ion: 74 Resp: 35916

Ion Ratio Lower Upper

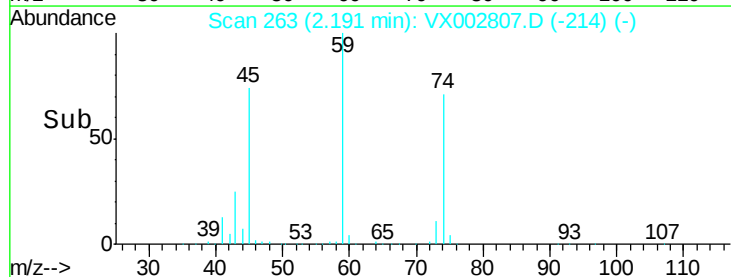
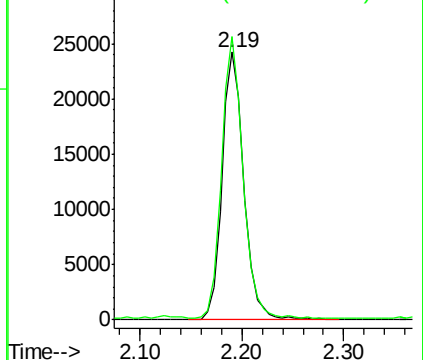
74 100

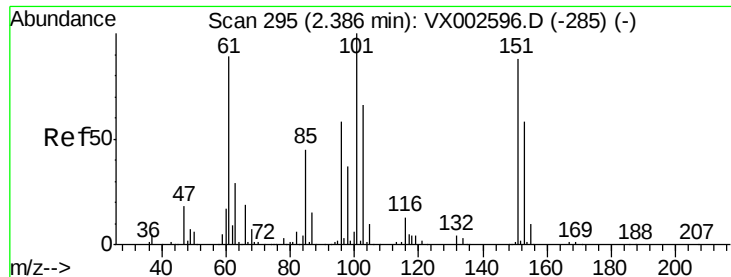
45 103.2 53.1 159.4



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: 19.71 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

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ClientSampleId :

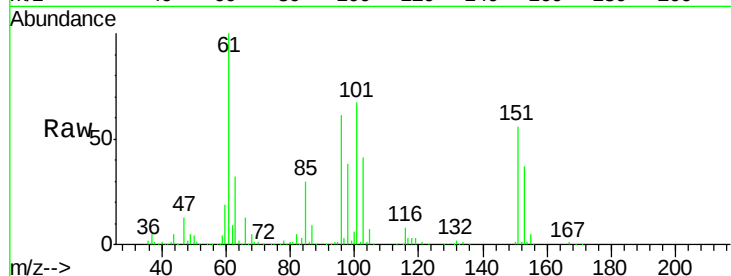
Tot Ion:101 Resp: 55497

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

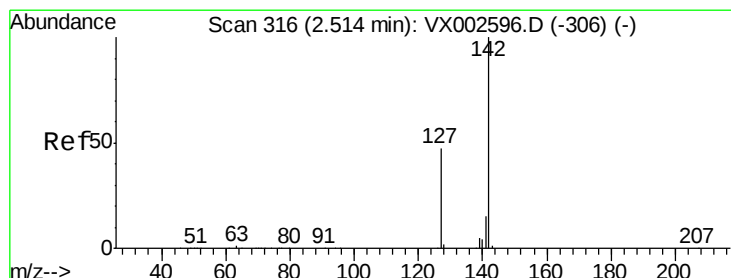
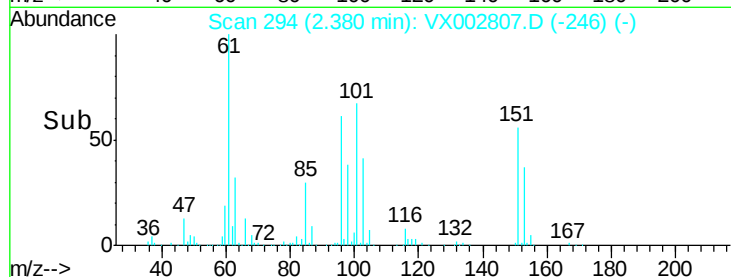
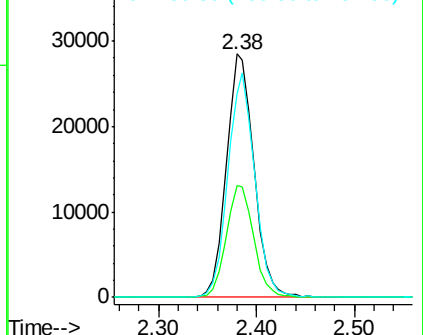
151 89.8 70.9 106.3



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: 17.98 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

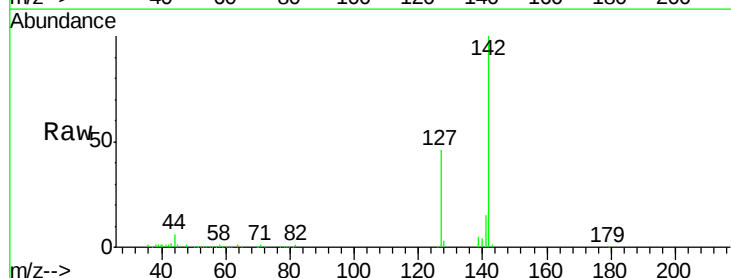
Tgt Ion:142 Resp: 54230

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

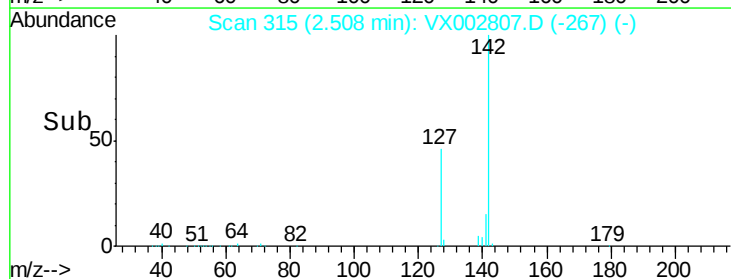
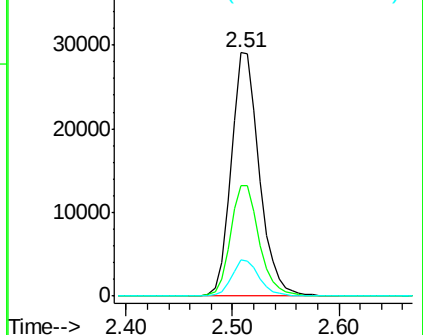
141 14.7 11.3 16.9

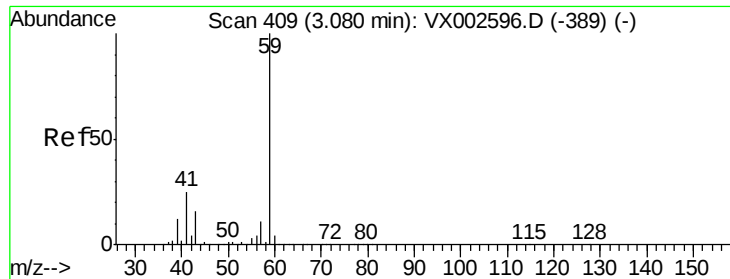


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



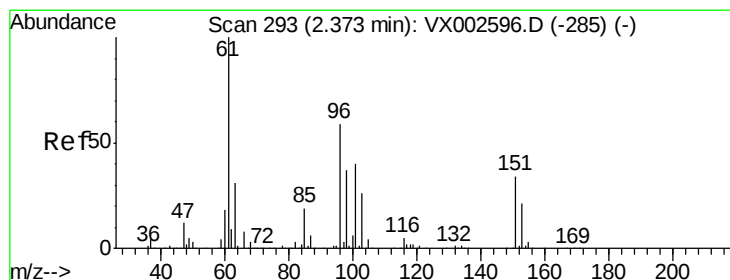
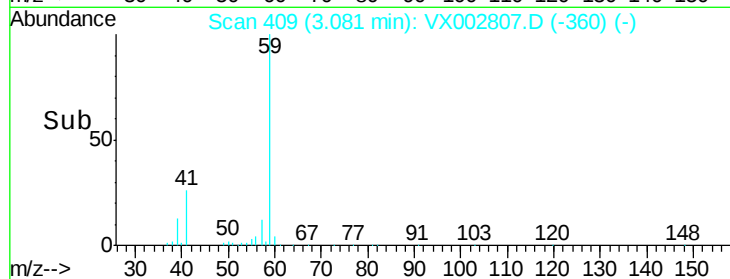
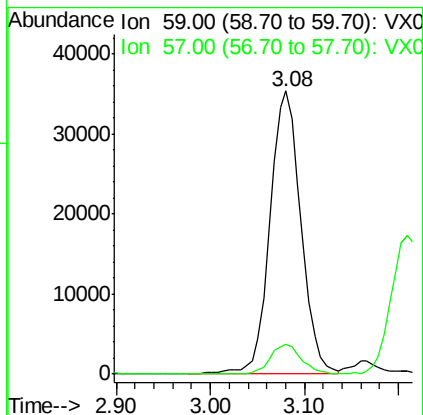
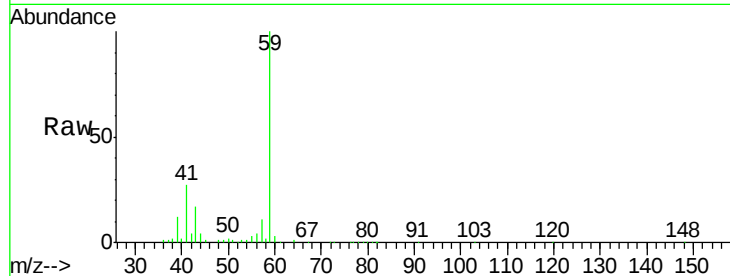


#11

Tert butyl alcohol
Concen: 109.47 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampled :

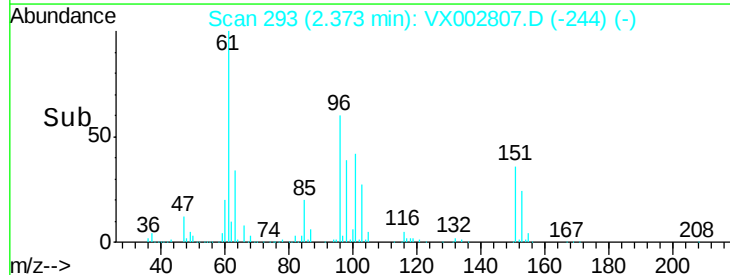
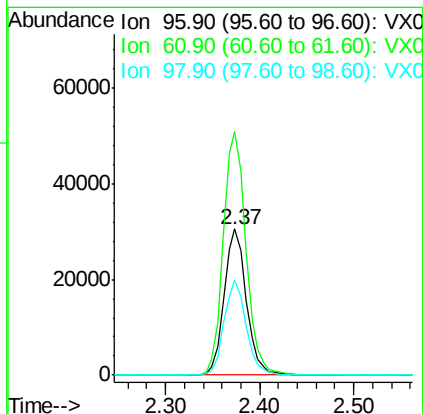
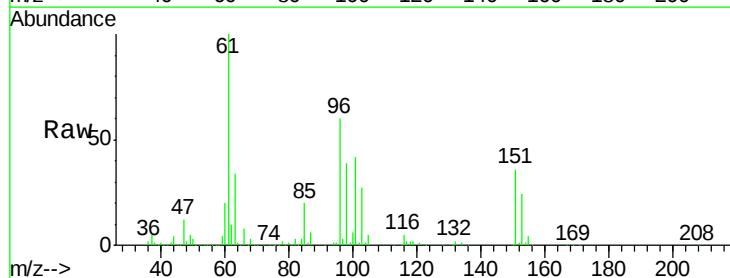
Tot Ion: 59 Resp: 81352
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

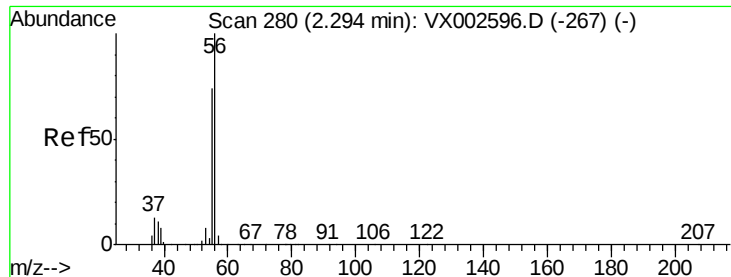


#12

1,1-Dichloroethene
Concen: 18.90 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 96 Resp: 49966
Ion Ratio Lower Upper
96 100
61 166.4 137.9 206.9
98 64.8 51.6 77.4





#13

Acrolein

Concen: 88.35 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

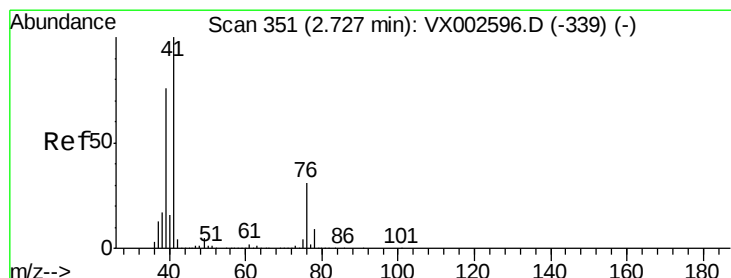
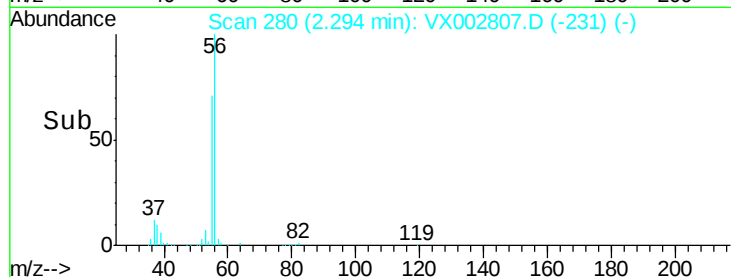
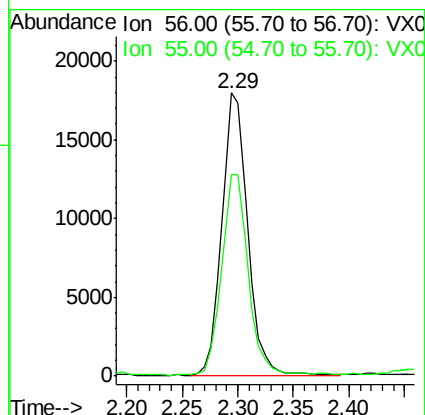
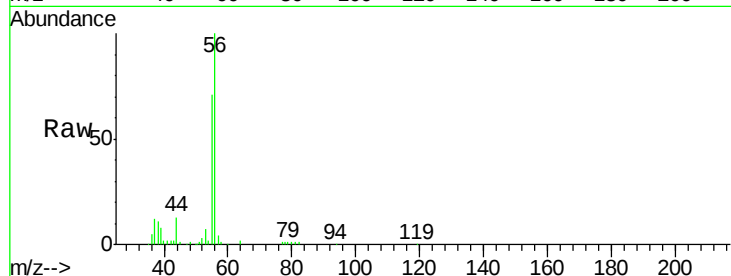
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 29190

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 18.58 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

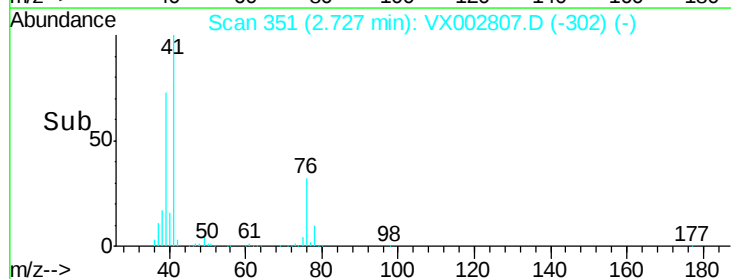
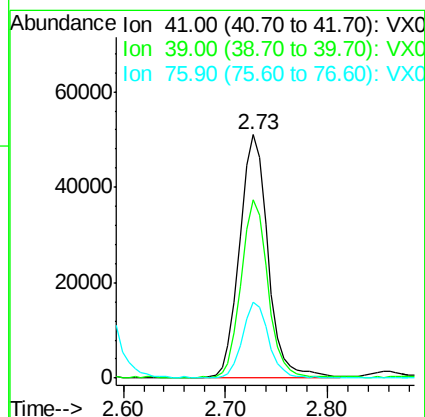
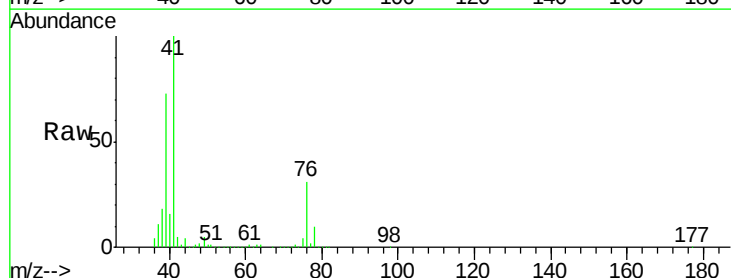
Tgt Ion: 41 Resp: 97512

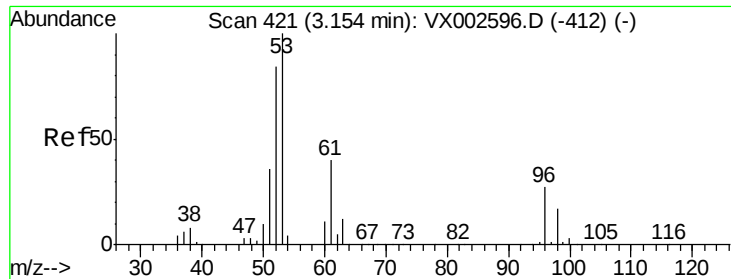
Ion Ratio Lower Upper

41 100

39 68.6 56.8 85.2

76 29.0 23.8 35.8





#15

Acrylonitrile

Concen: 100.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

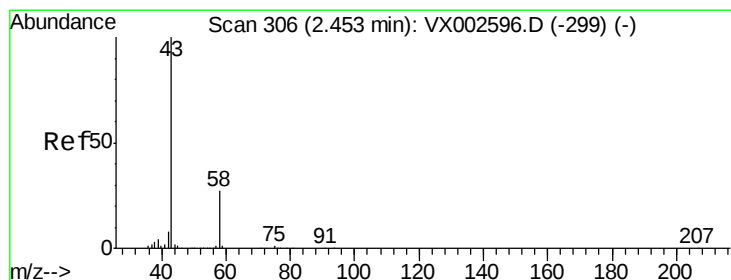
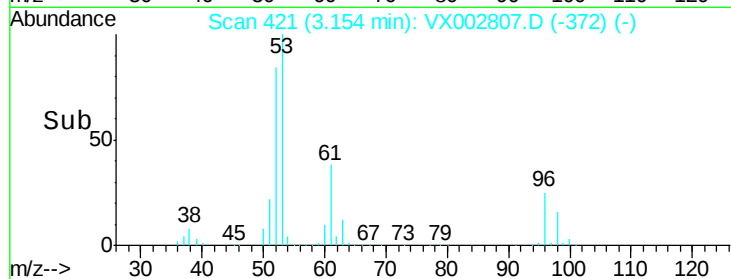
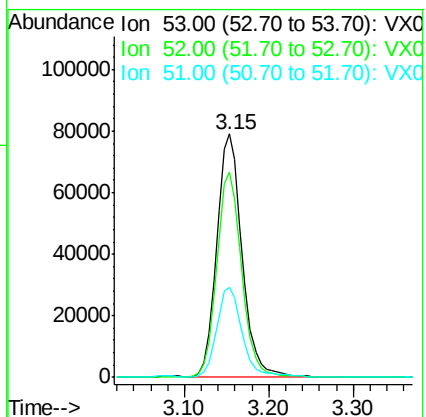
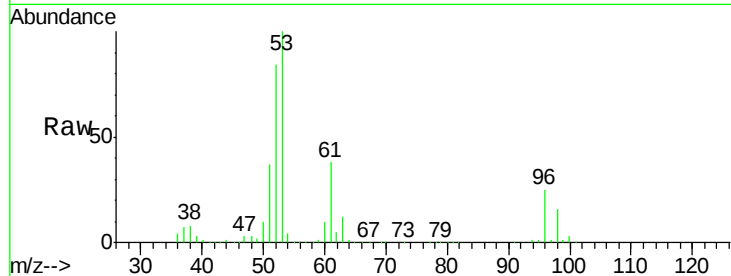
Tot Ion: 53 Resp: 162710

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.3 29.9 44.9



#16

Acetone

Concen: 100.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002807.D

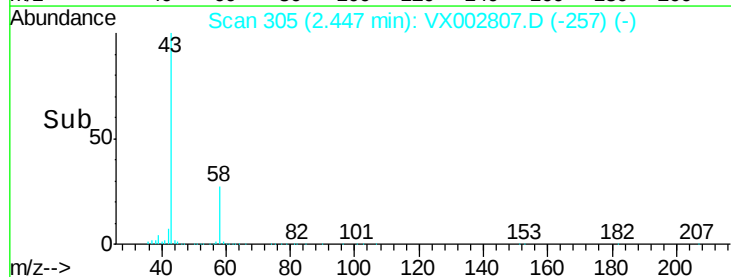
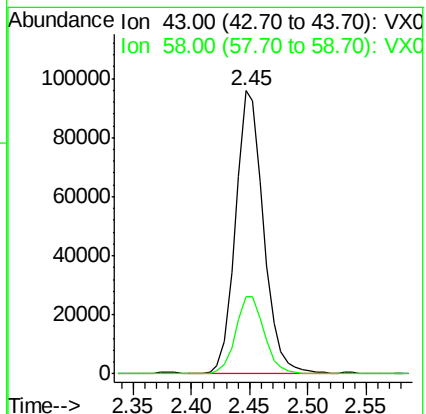
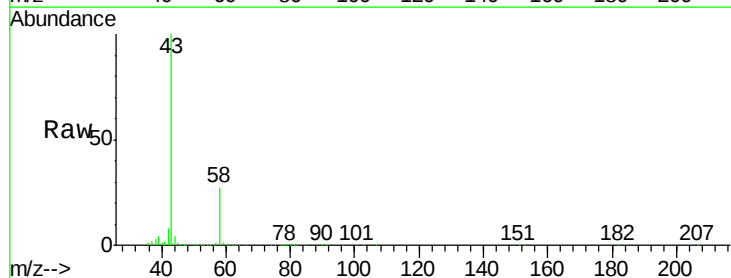
Acq: 22 Jun 2018 00:28

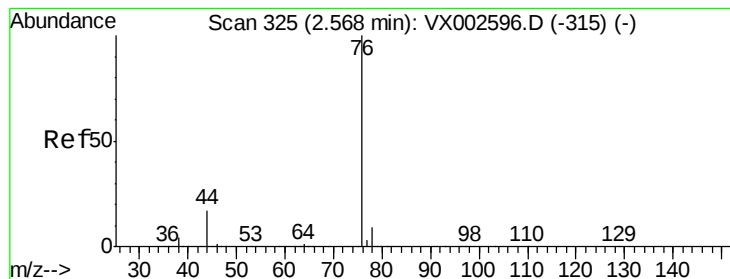
Tgt Ion: 43 Resp: 159244

Ion Ratio Lower Upper

43 100

58 27.2 22.1 33.1





#17

Carbon Disulfide

Concen: 19.91 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

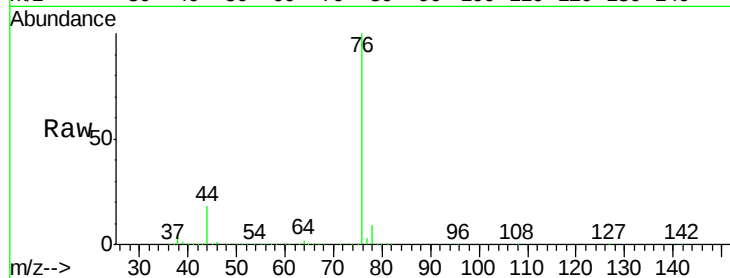
ClientSampleId :

Tot Ion: 76 Resp: 124806

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

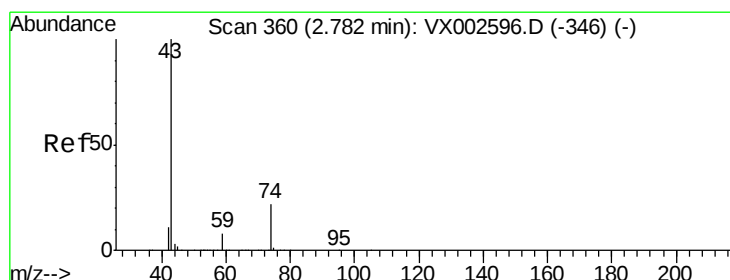
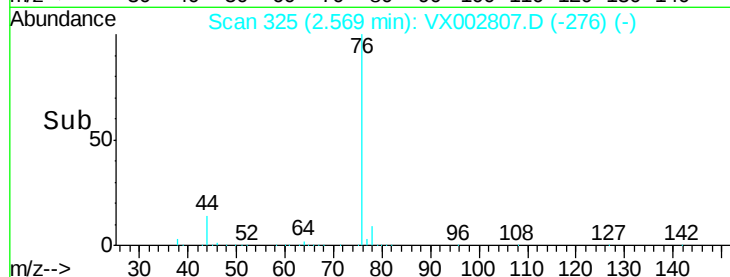
40000

20000

0

Time-->

2.50 2.55 2.60 2.65 2.70



#18

Methyl Acetate

Concen: 22.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002807.D

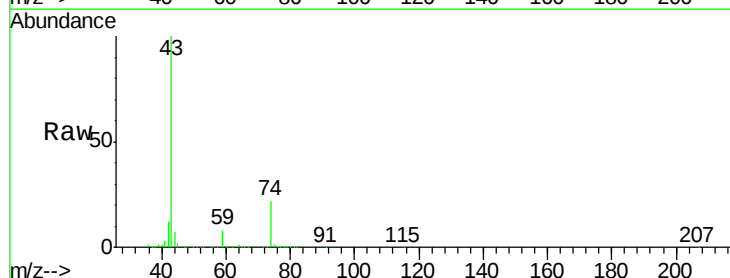
Acq: 22 Jun 2018 00:28

Tgt Ion: 43 Resp: 95038

Ion Ratio Lower Upper

43 100

74 21.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

30000

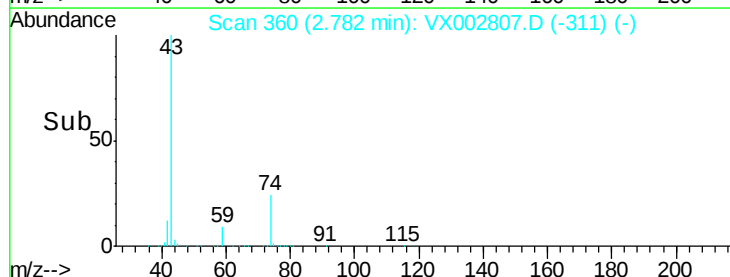
20000

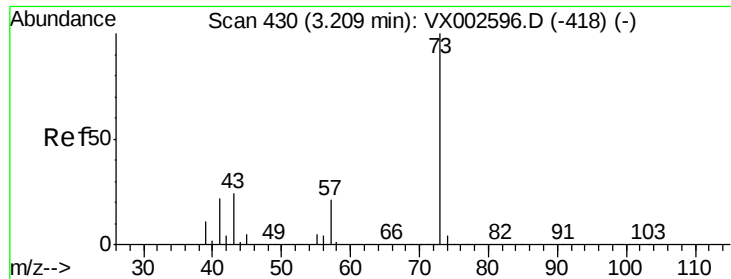
10000

0

Time-->

2.70 2.80 2.90

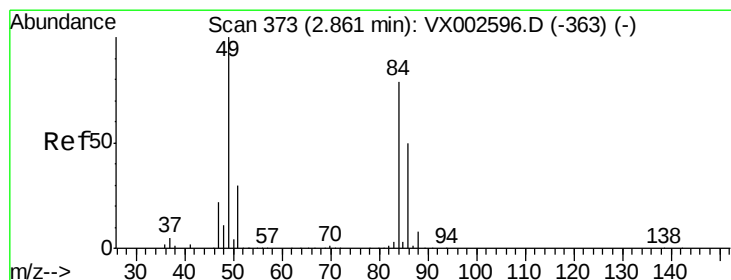
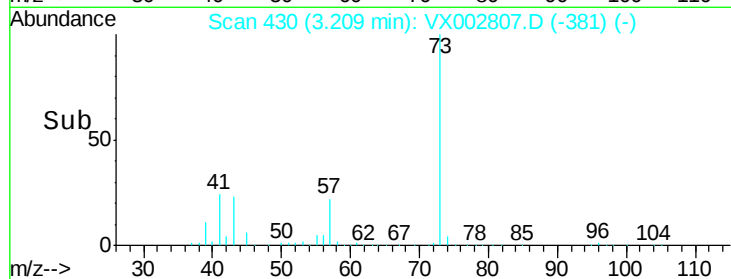
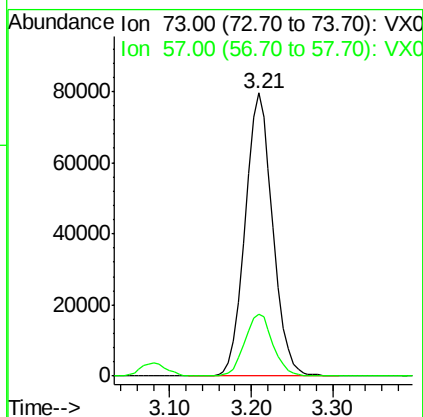
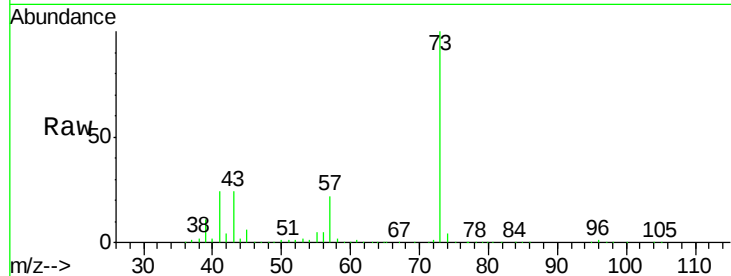




#19
Methvl tert-butvl Ether
Concen: 18.83 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

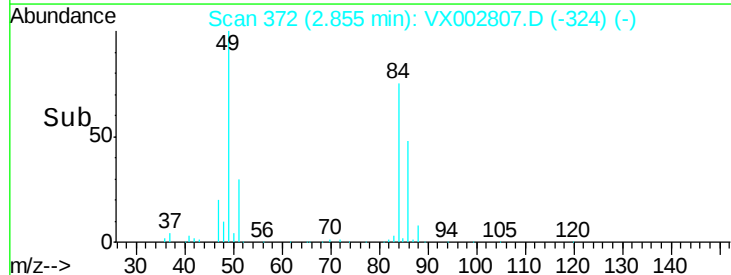
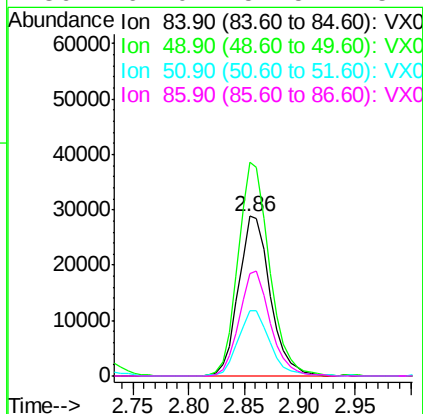
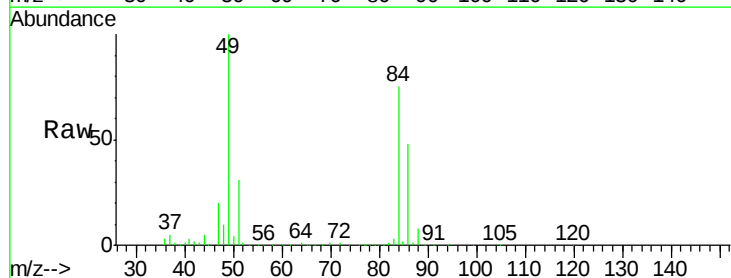
Instrument :
MSVOA_X
ClientSampleId :

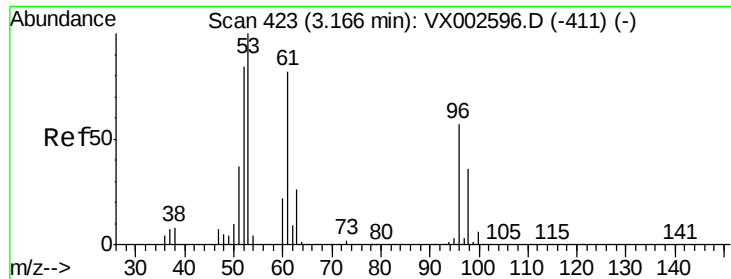
Tot Ion: 73 Resp: 186694
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 17.55 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 84 Resp: 57073
Ion Ratio Lower Upper
84 100
49 133.8 107.8 161.6
51 40.6 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampled :

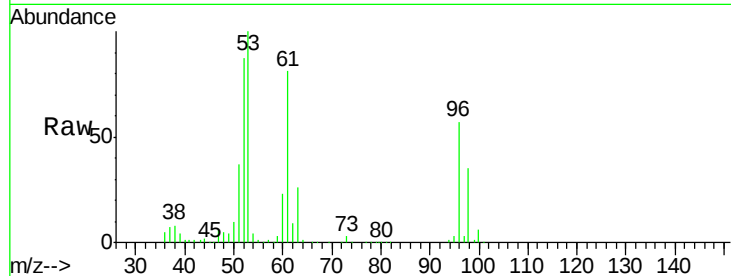
Tot Ion: 96 Resp: 53780

Ion Ratio Lower Upper

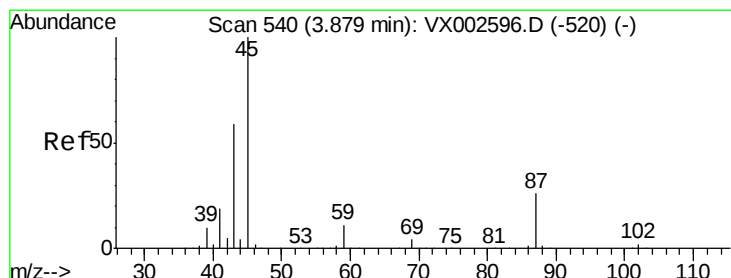
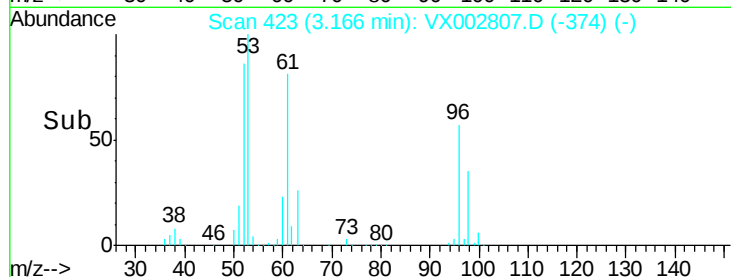
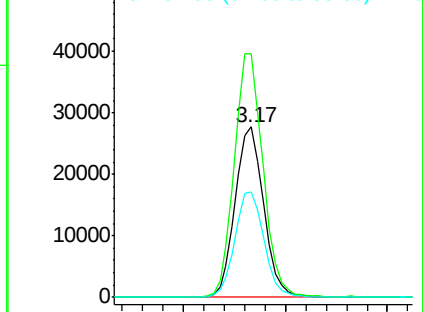
96 100

61 142.9 117.0 175.4

98 61.9 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: 19.59 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion: 45 Resp: 185979

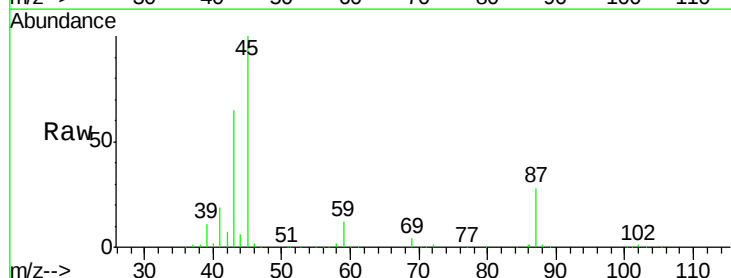
Ion Ratio Lower Upper

45 100

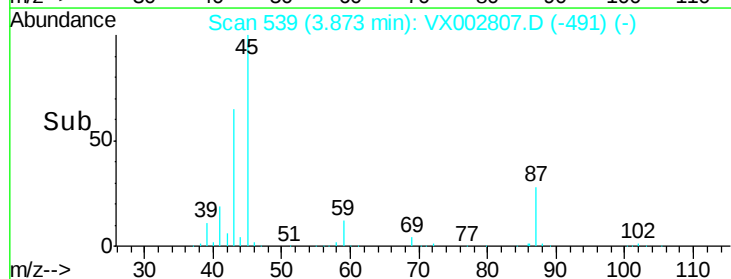
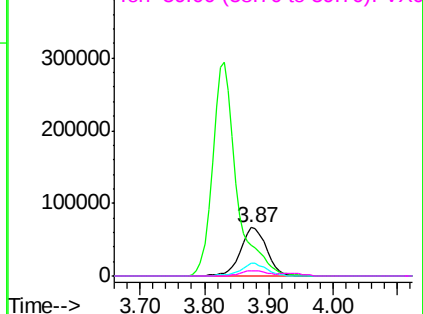
43 64.5 46.8 70.2

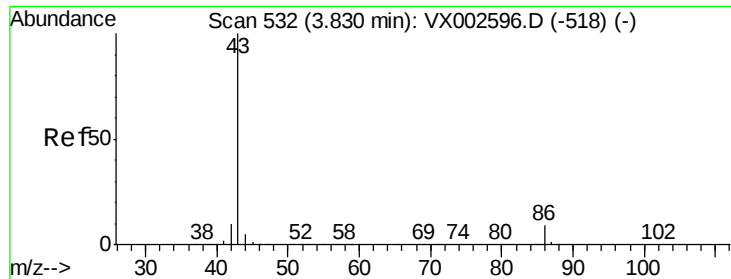
87 27.9 20.2 30.4

59 11.9 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: 96.62 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

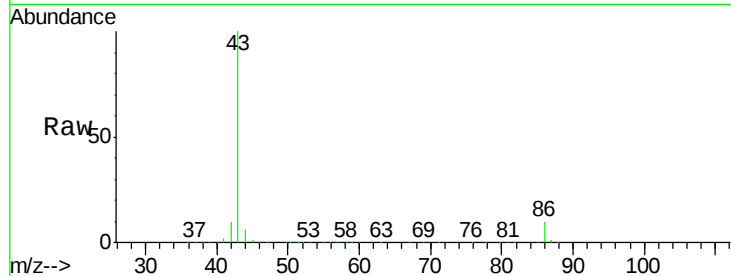
ClientSampleId :

Tot Ion: 43 Resp: 767885

Ion Ratio Lower Upper

43 100

86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

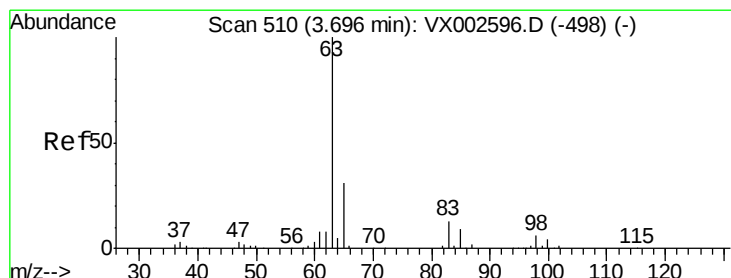
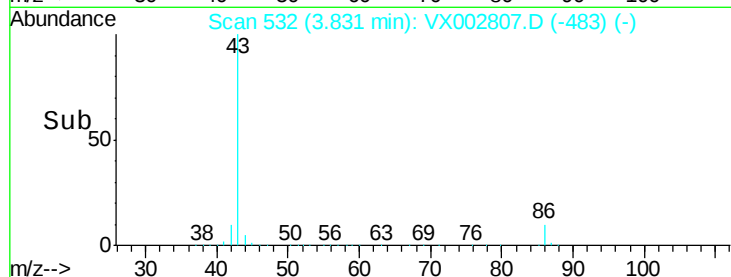
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

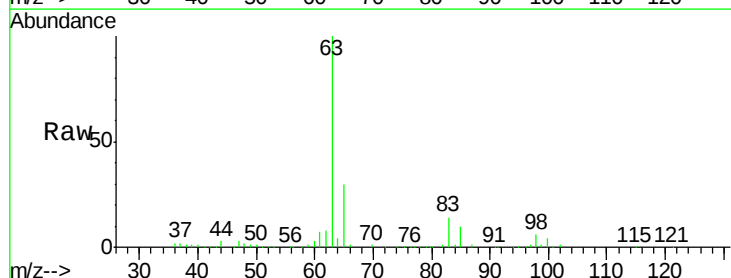
Tgt Ion: 63 Resp: 104117

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

60000

50000

40000

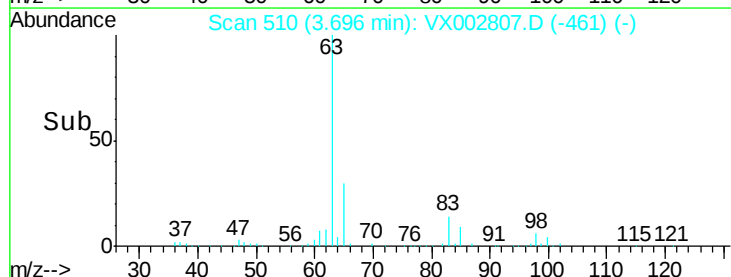
30000

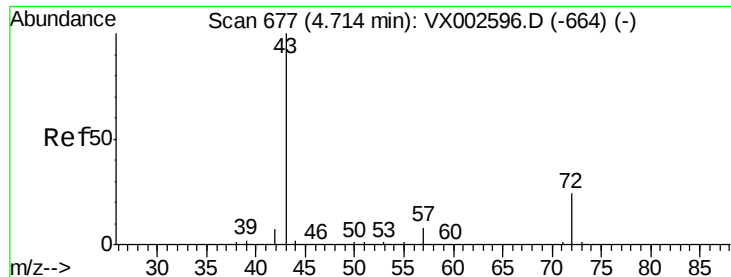
20000

10000

0

Time-->





#25

2-Butanone

Concen: 110.28 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

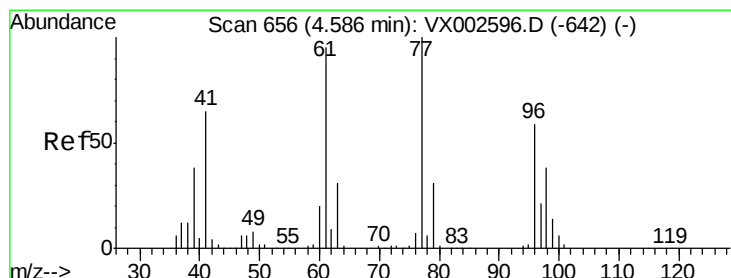
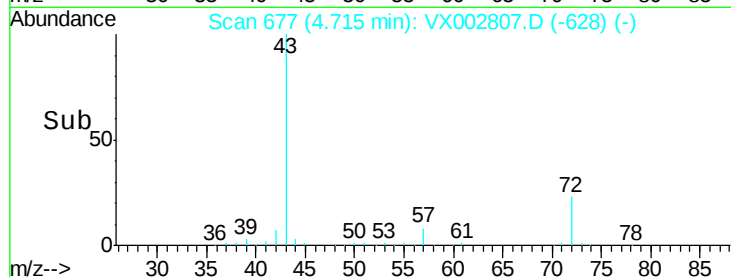
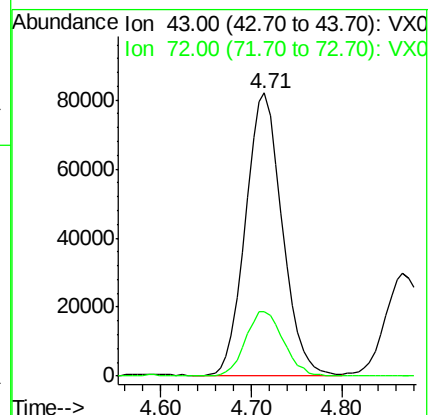
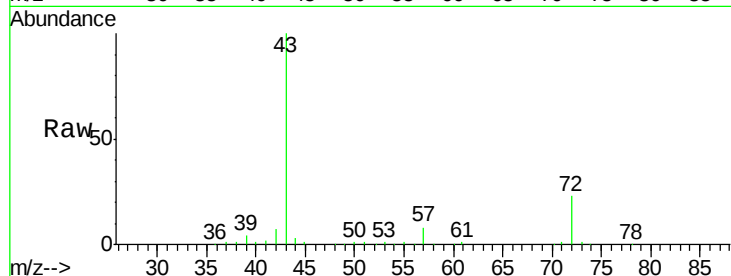
ClientSampled :

Tot Ion: 43 Resp: 229697

Ion Ratio Lower Upper

43 100

72 22.8 18.5 27.7



#26

2,2-Dichloropropane

Concen: 14.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002807.D

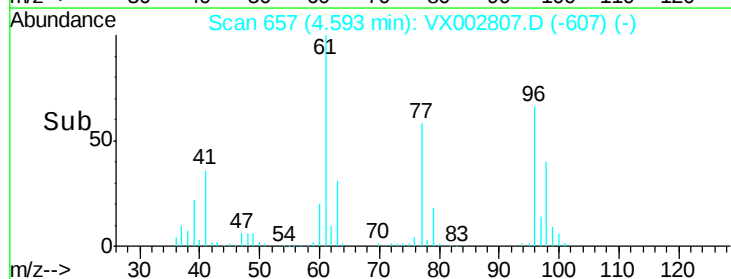
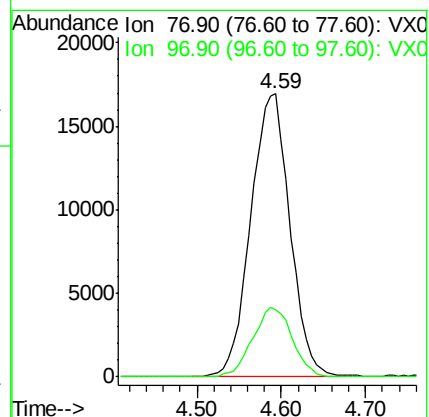
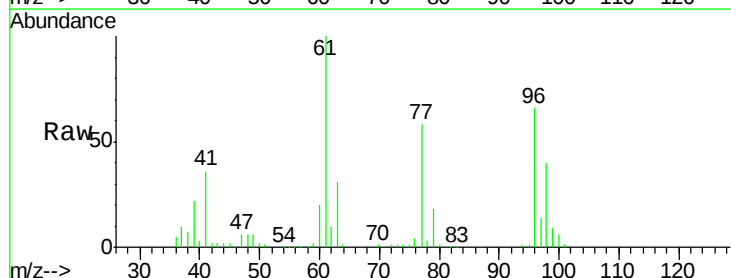
Acq: 22 Jun 2018 00:28

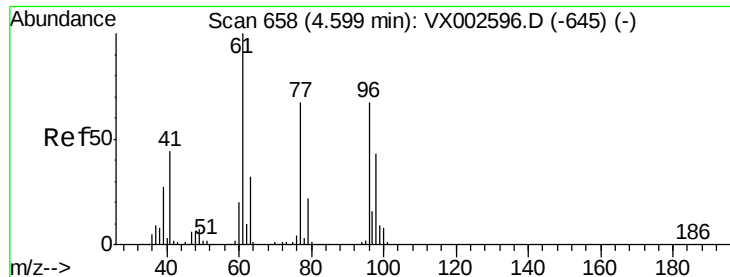
Tgt Ion: 77 Resp: 53760

Ion Ratio Lower Upper

77 100

97 24.6 11.2 33.5



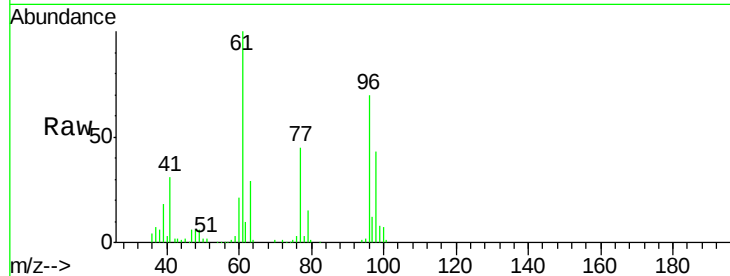


#27

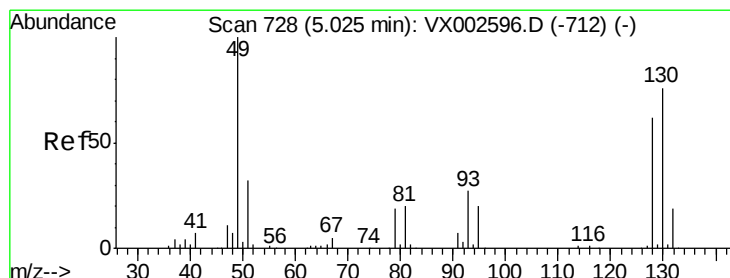
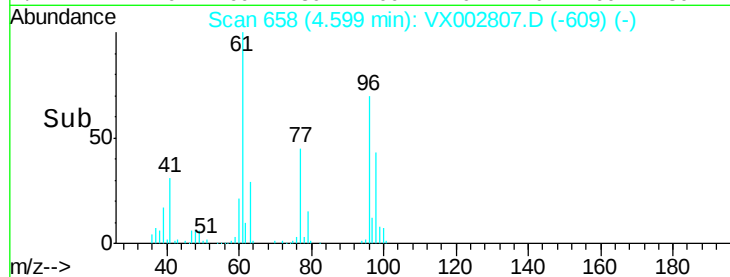
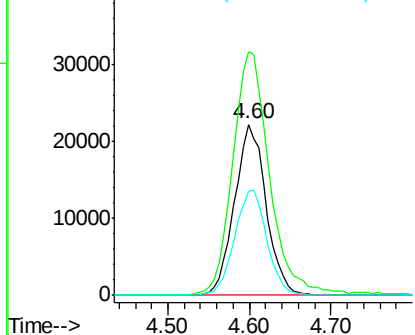
cis-1,2-Dichloroethene
Concen: 20.43 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	59598
Ion	Ratio	Lower	Upper
96	100		
61	167.6	0.0	330.2
98	63.0	0.0	130.2



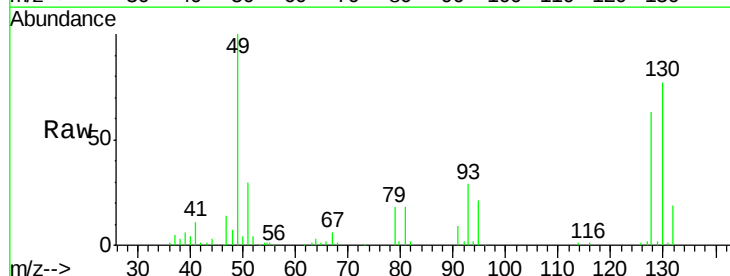
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



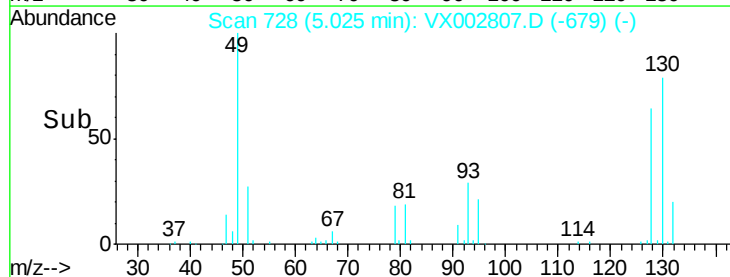
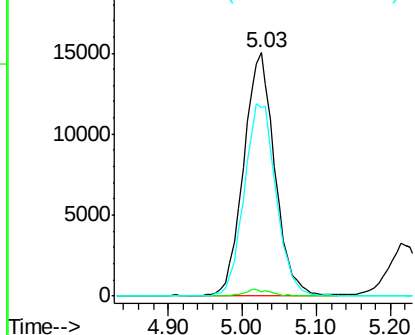
#28

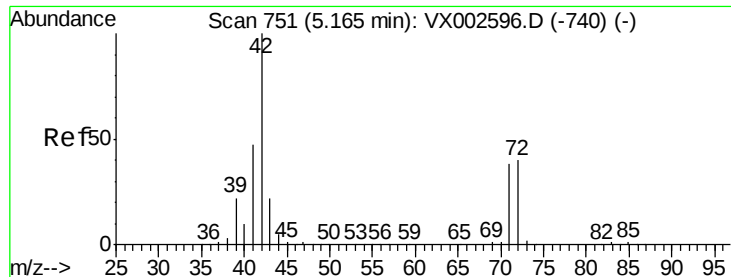
Bromochloromethane
Concen: 18.34 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	49	Resp	44267
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	80.7	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

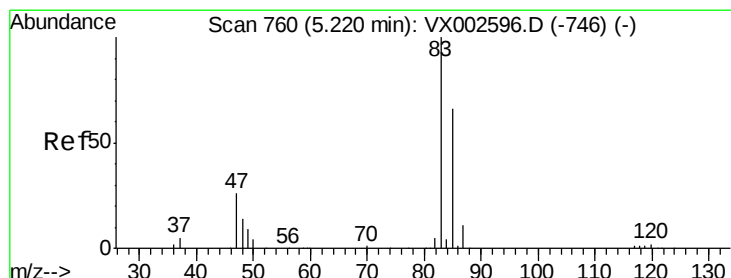
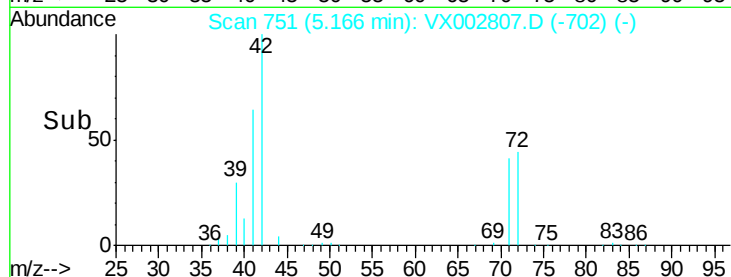
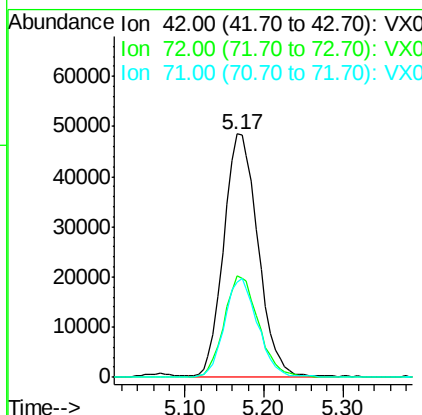
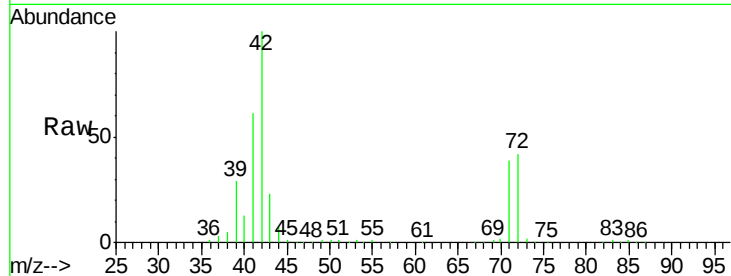




#29
Tetrahydrofuran
Concen: 107.04 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

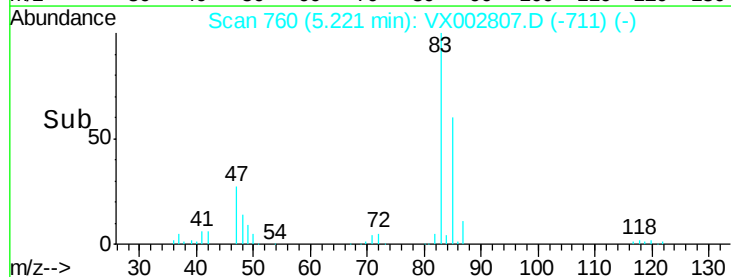
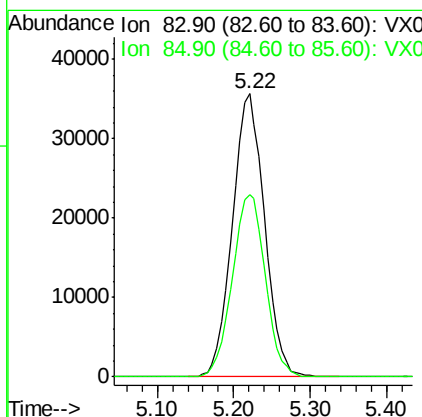
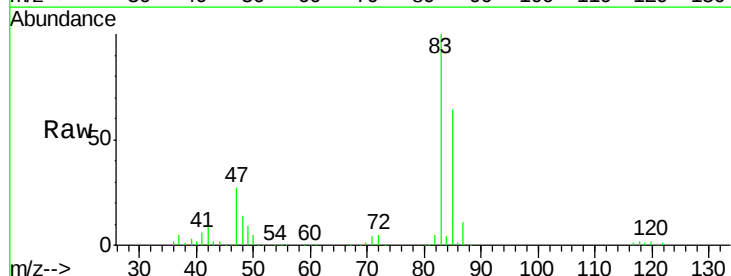
Instrument :
MSVOA_X
ClientSampled :

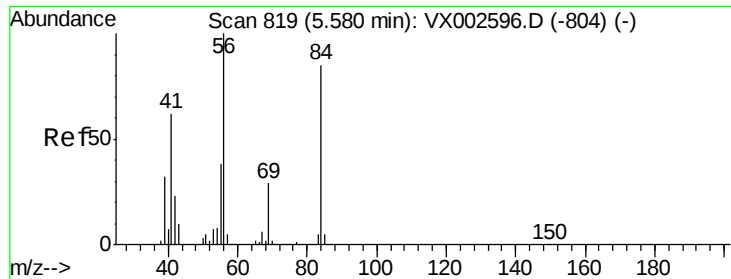
Tot Ion: 42 Resp: 146109
Ion Ratio Lower Upper
42 100
72 42.3 32.0 48.0
71 39.6 30.1 45.1



#30
Chloroform
Concen: 20.89 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 83 Resp: 103822
Ion Ratio Lower Upper
83 100
85 64.5 50.4 75.6

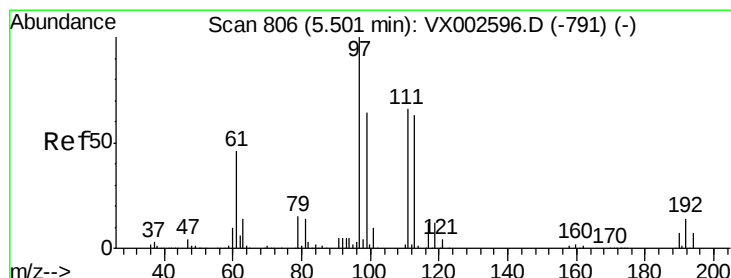
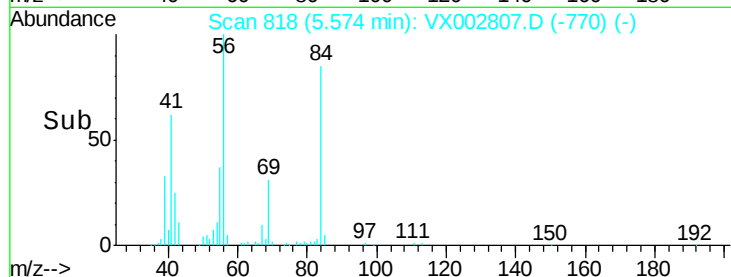
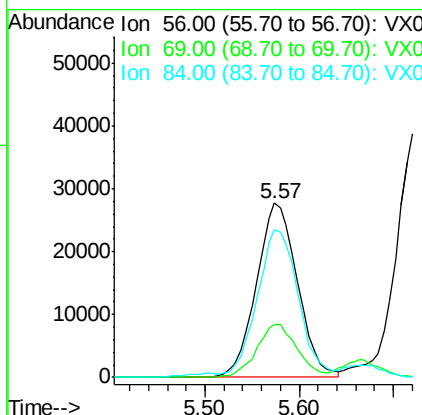
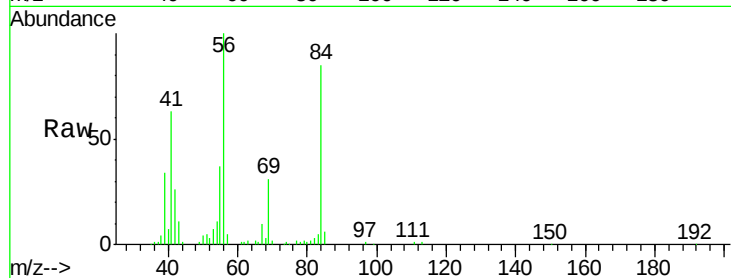




#31
Cyclohexane
Concen: 19.90 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

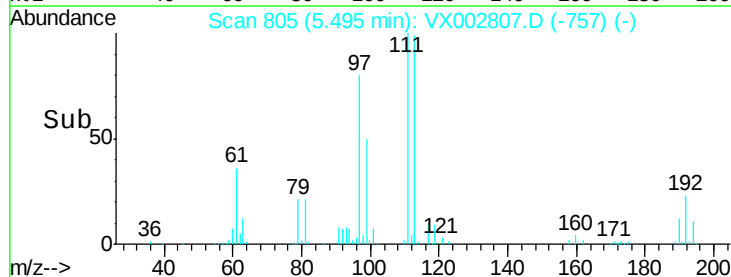
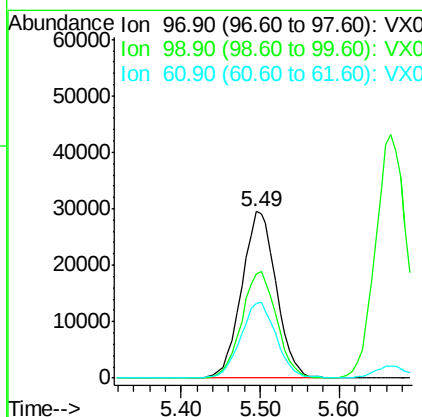
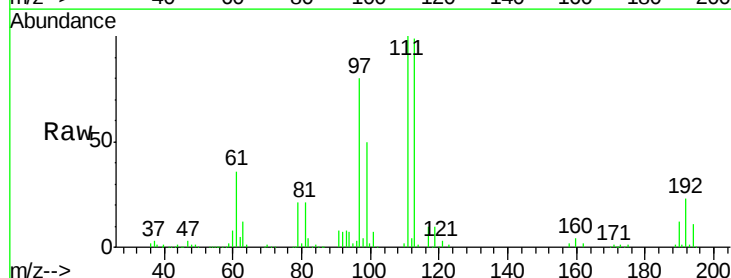
Instrument :
MSVOA_X
ClientSampled :

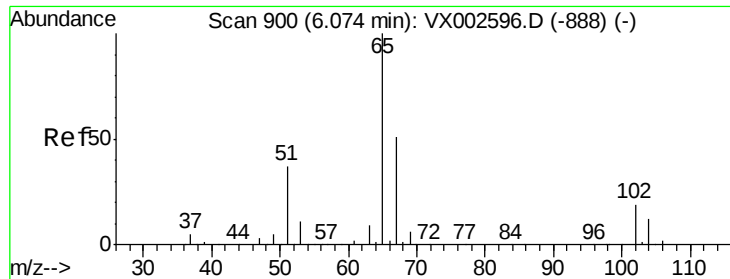
Tot Ion: 56 Resp: 84430
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 83.0 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 21.57 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 97 Resp: 89657
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 46.6 36.4 54.6

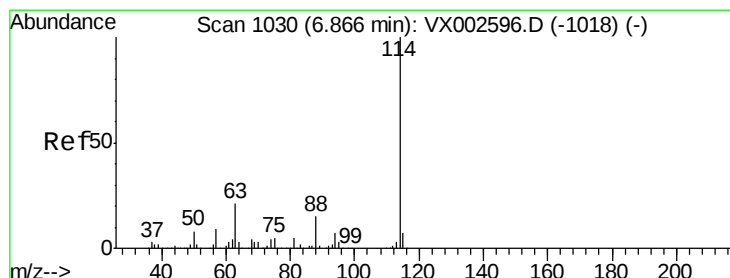
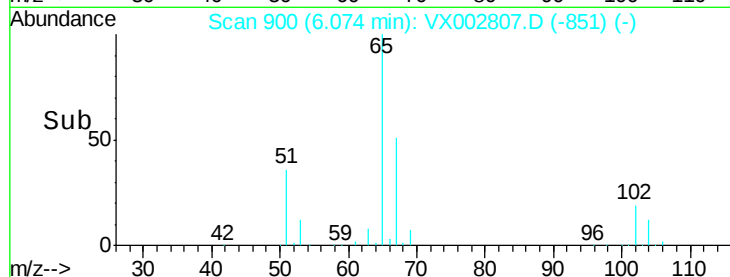
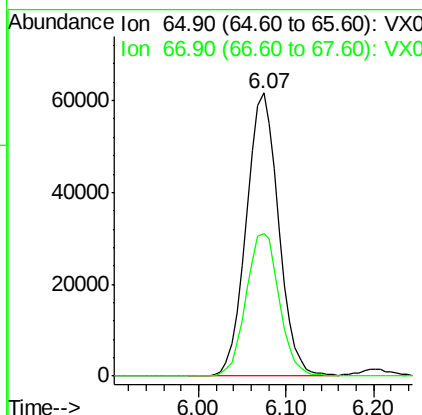
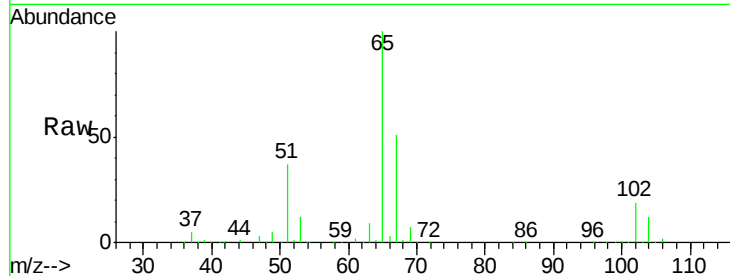




#33
 1,2-Dichloroethane-d4
 Concen: 44.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

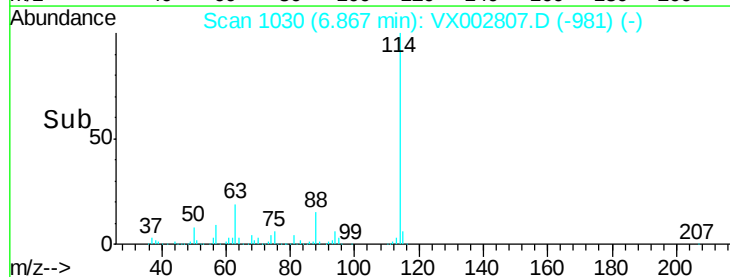
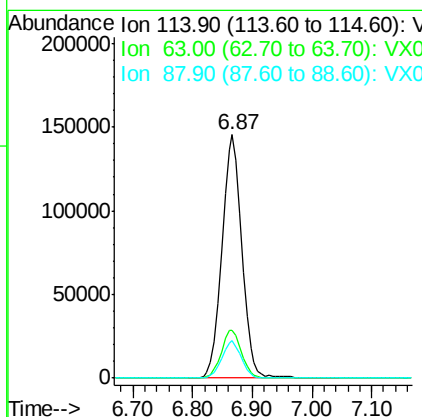
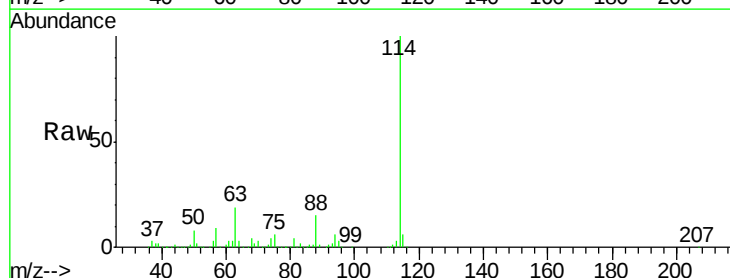
Instrument :
 MSVOA_X
 ClientSampleId :

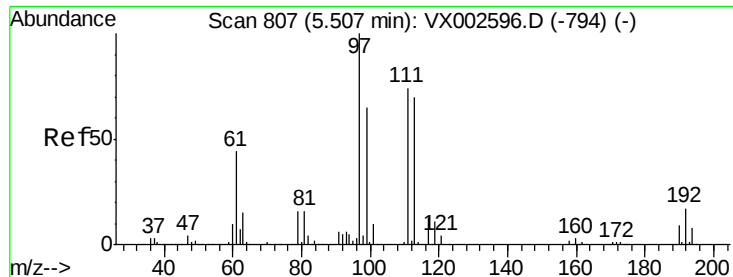
Tot Ion: 65 Resp: 158583
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion: 114 Resp: 337369
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 15.2 0.0 30.0

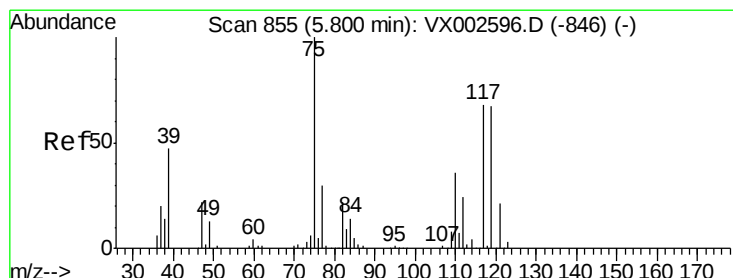
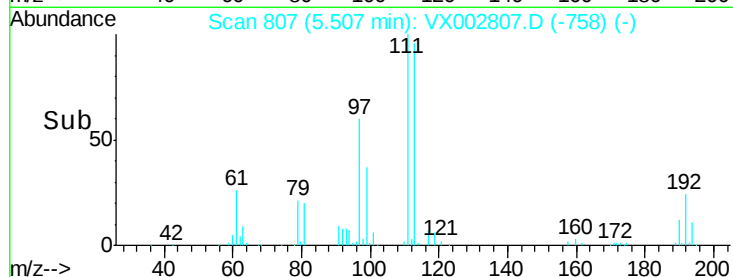
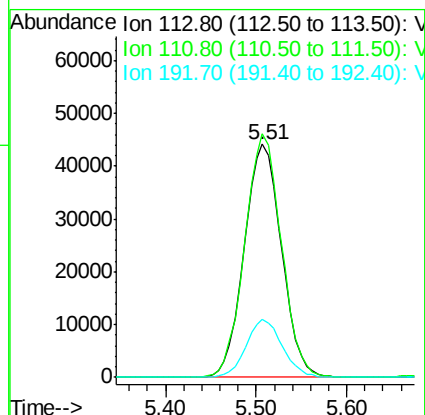
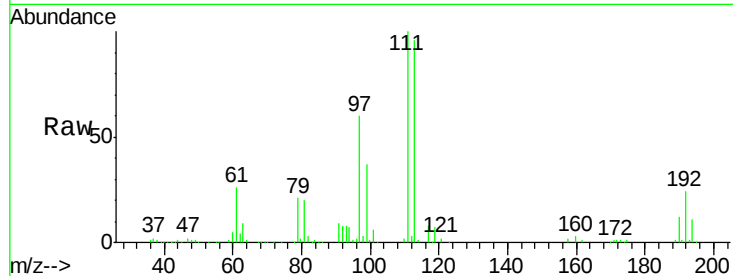




#35
 Dibromofluoromethane
 Concen: 46.70 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

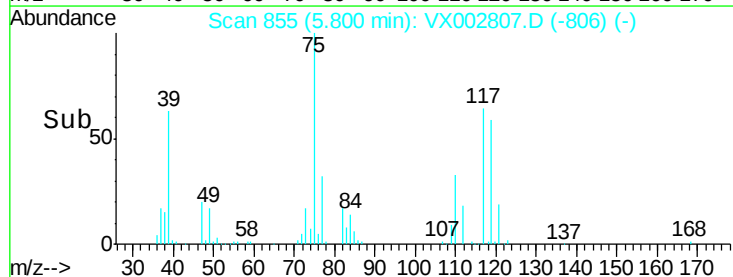
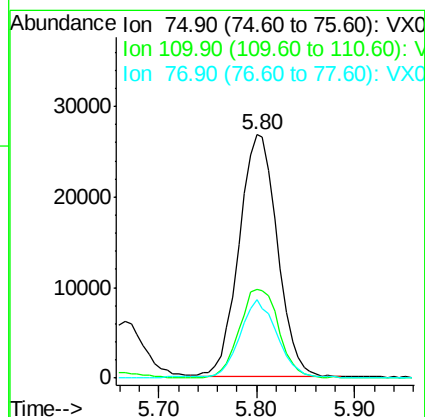
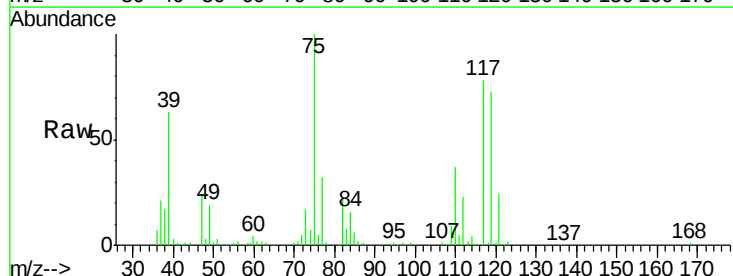
Instrument :
 MSVOA_X
 ClientSampled :

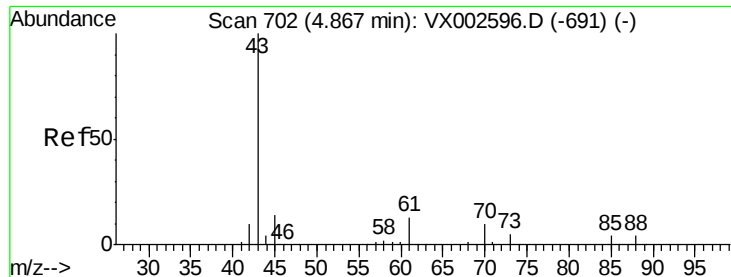
Tot Ion:113 Resp: 125742
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 24.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.34 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion: 75 Resp: 72866
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.1 54.4
 77 32.2 24.3 36.5

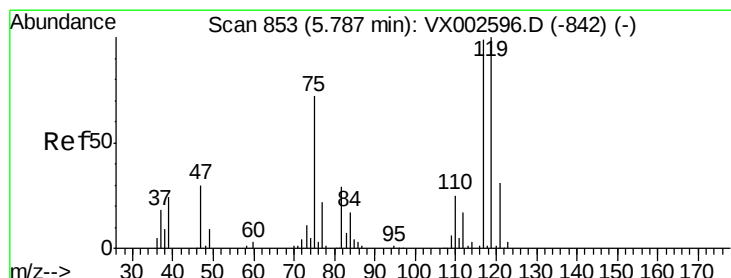
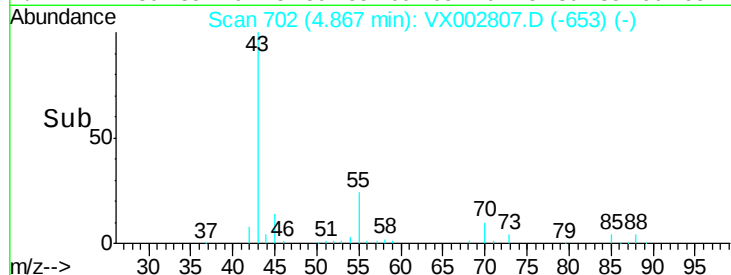
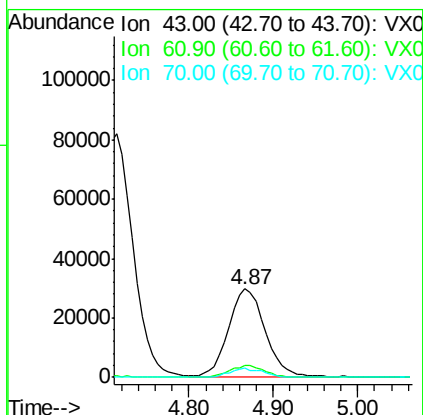
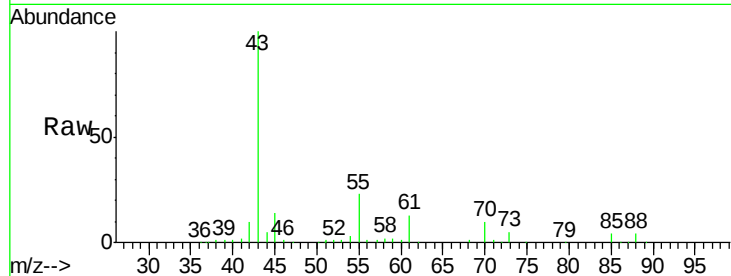




#37
Ethyl Acetate
Concen: 21.55 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

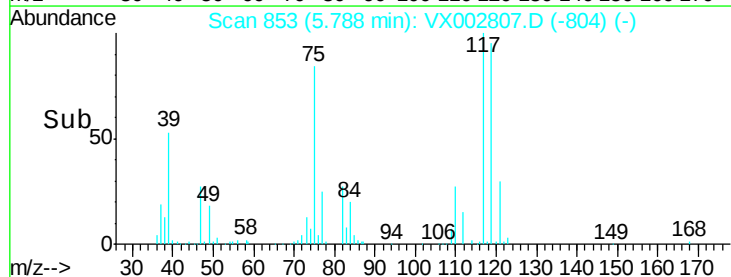
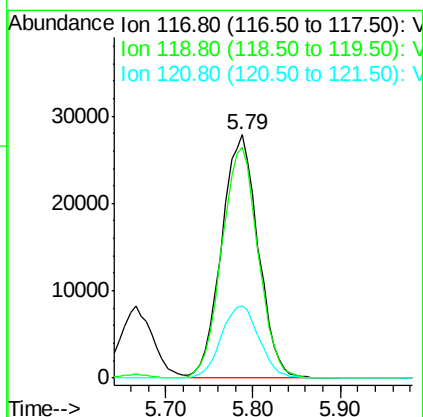
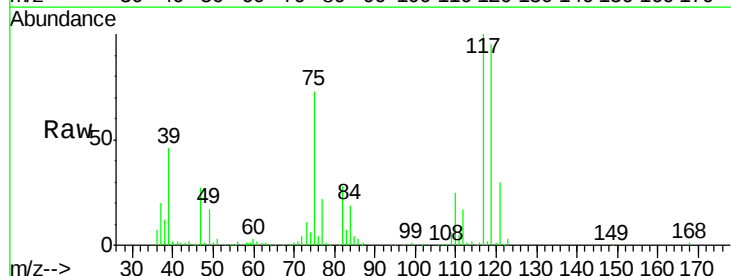
Instrument :
MSVOA_X
ClientSampled :

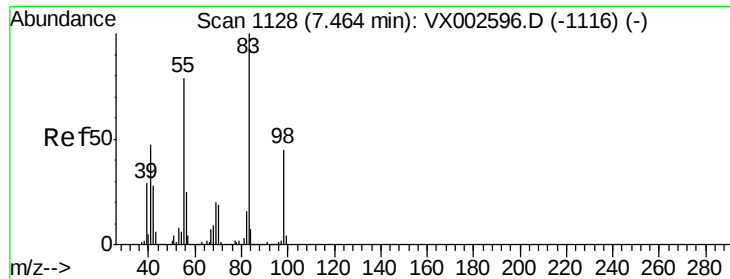
Tot Ion: 43 Resp: 87384
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 22.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 117 Resp: 80786
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
121 29.7 24.4 36.6

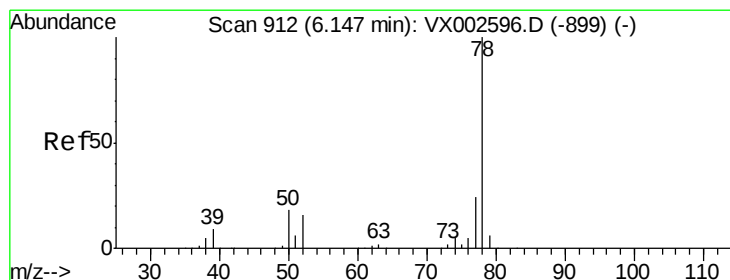
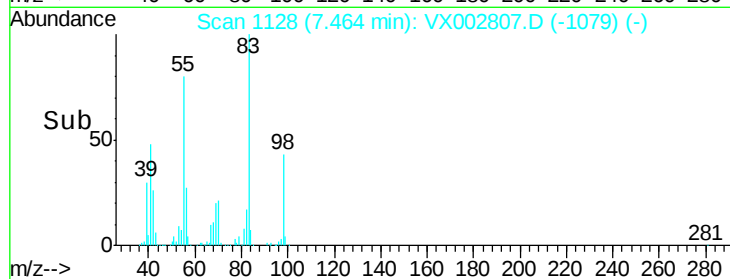
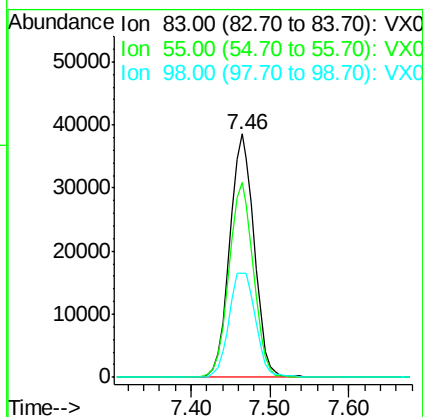
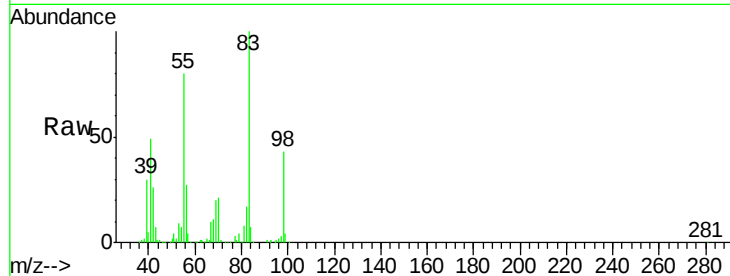




#39
Methvlcvclohexane
Concen: 19.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

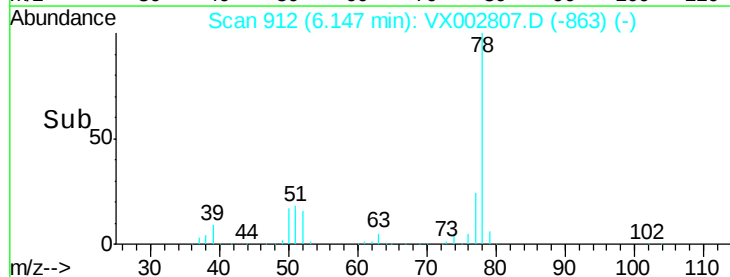
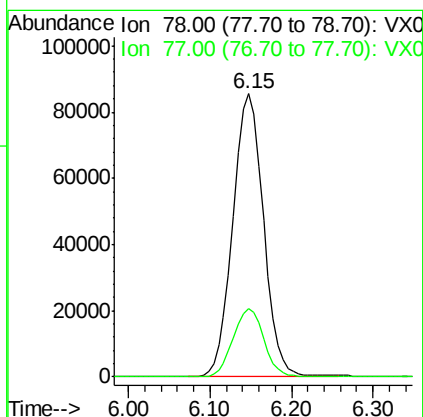
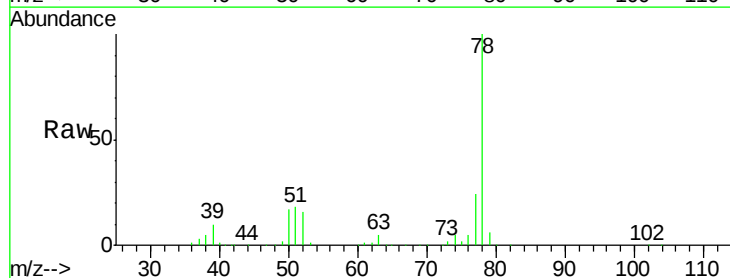
Instrument :
MSVOA_X
ClientSampleId :

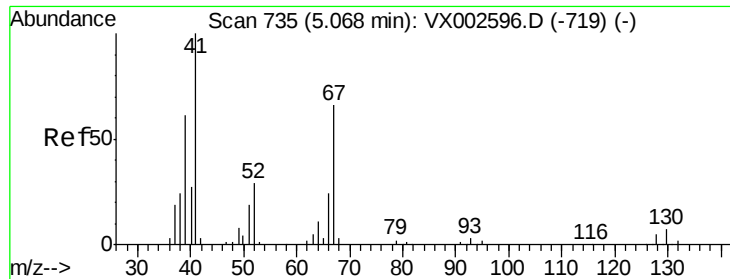
Tot Ion: 83 Resp: 83026
Ion Ratio Lower Upper
83 100
55 80.2 65.4 98.0
98 43.0 37.4 56.0



#40
Benzene
Concen: 20.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 78 Resp: 223140
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

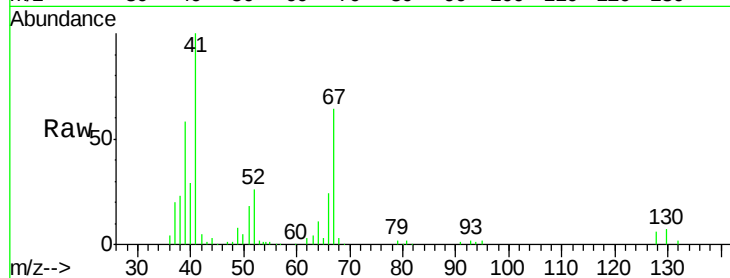




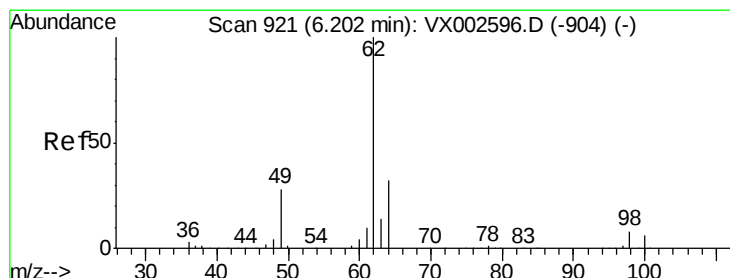
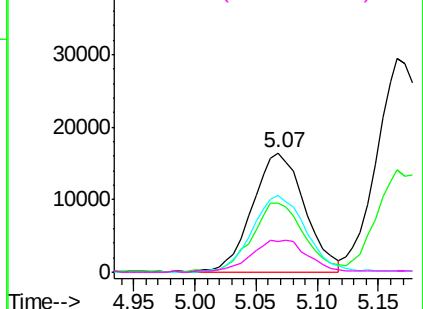
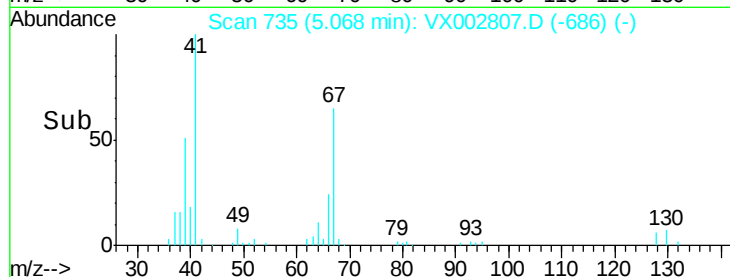
#41
Methacrylonitrile
Concen: 21.49 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	49197
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	66.2	51.3	76.9
52	29.3	23.0	34.6

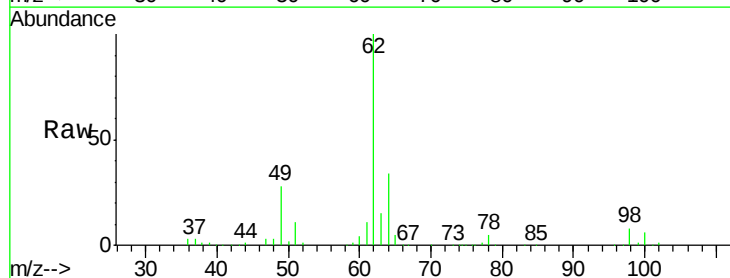


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

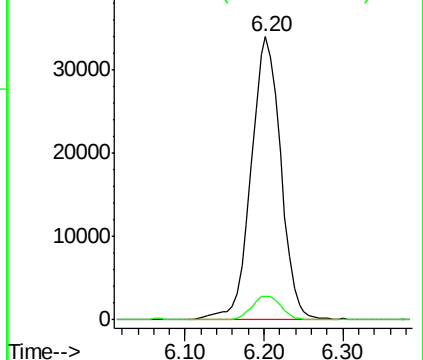
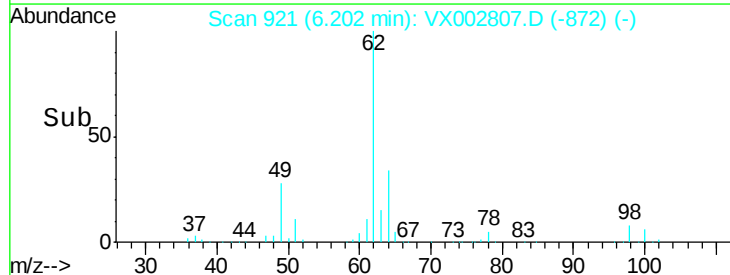


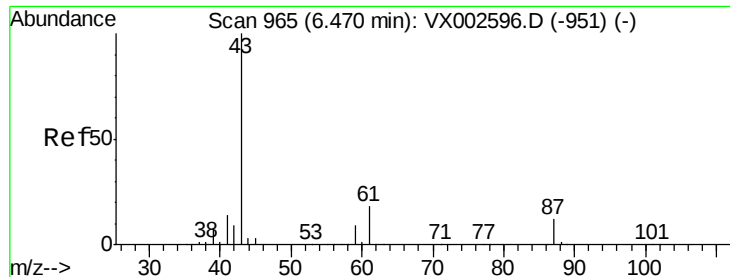
#42
1,2-Dichloroethane
Concen: 21.34 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:	62	Resp:	88754
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 20.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampled :

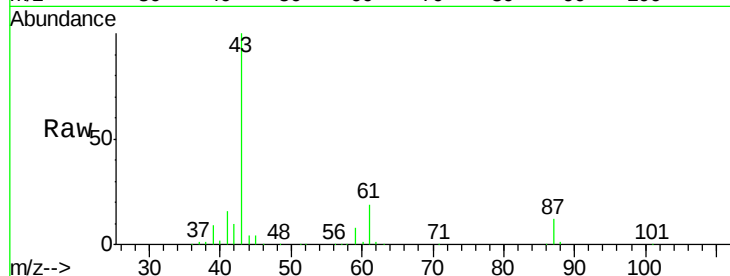
Tot Ion: 43 Resp: 136260

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

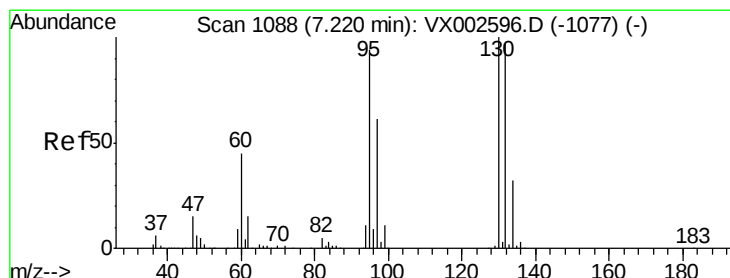
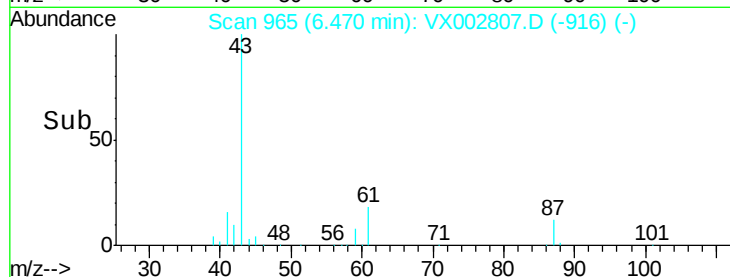
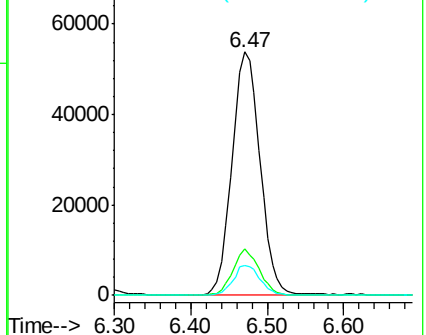
87 12.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.00 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002807.D

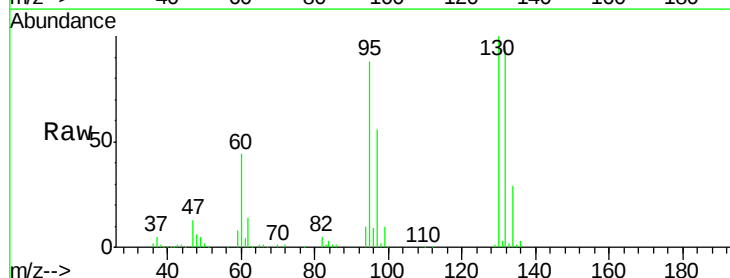
Acq: 22 Jun 2018 00:28

Tgt Ion:130 Resp: 65129

Ion Ratio Lower Upper

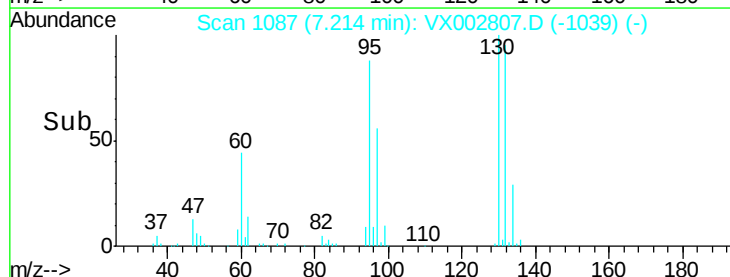
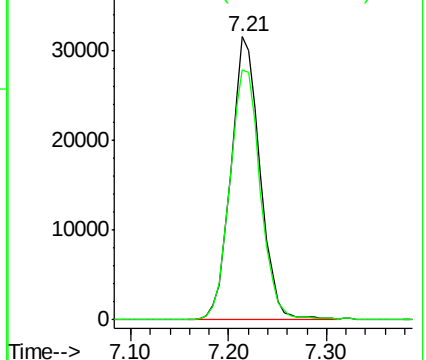
130 100

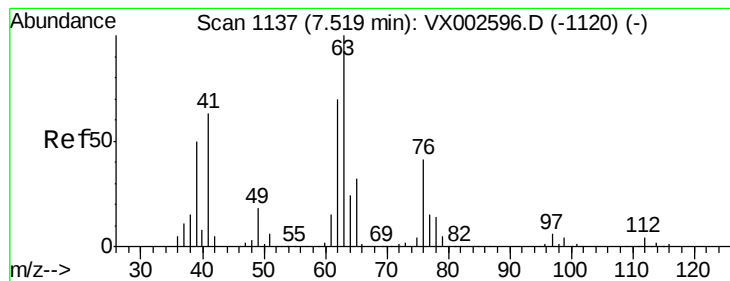
95 88.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.93 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

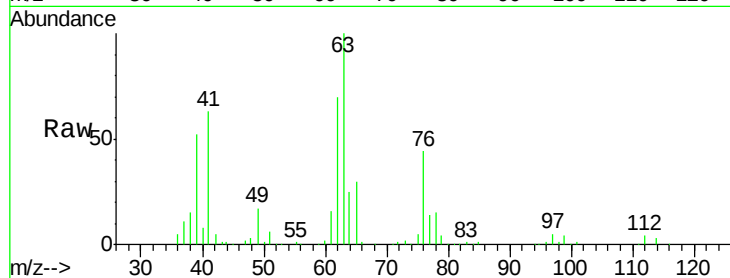
ClientSampleId :

Tot Ion: 63 Resp: 59169

Ion Ratio Lower Upper

63 100

65 30.0 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

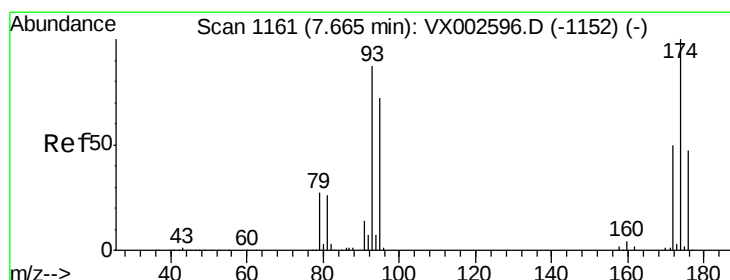
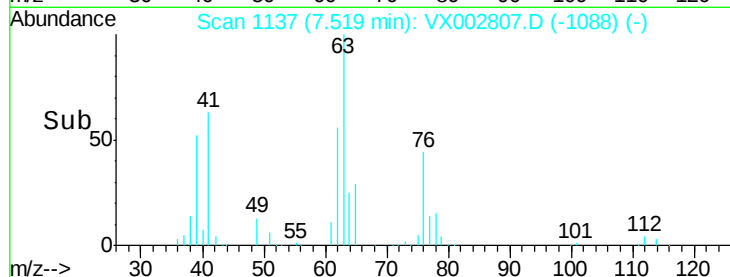
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 22.04 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

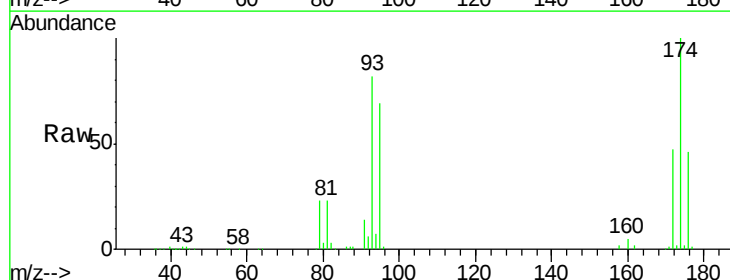
Tgt Ion: 93 Resp: 41684

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 117.2 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

30000

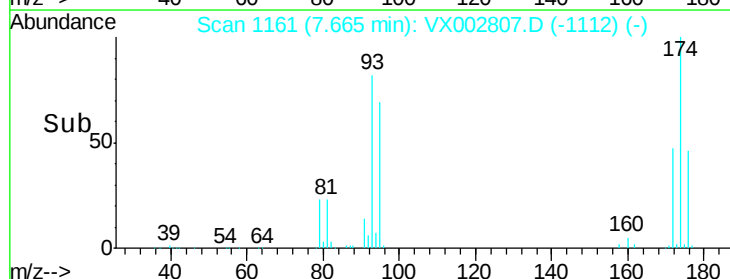
20000

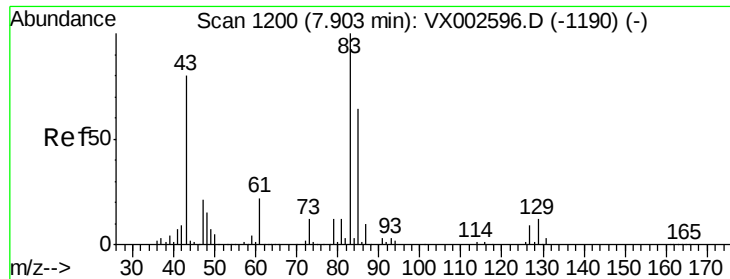
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 22.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

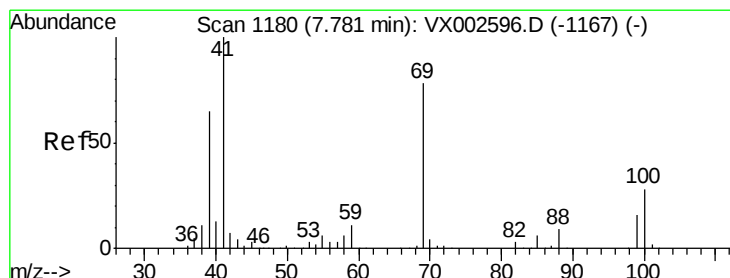
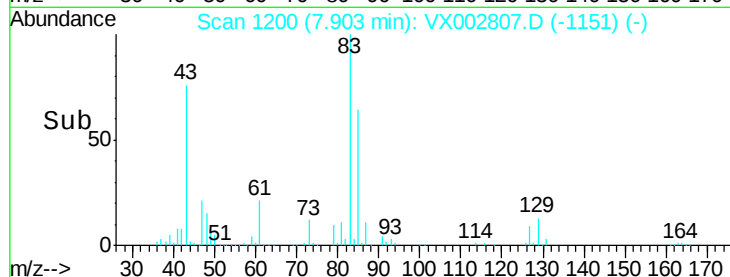
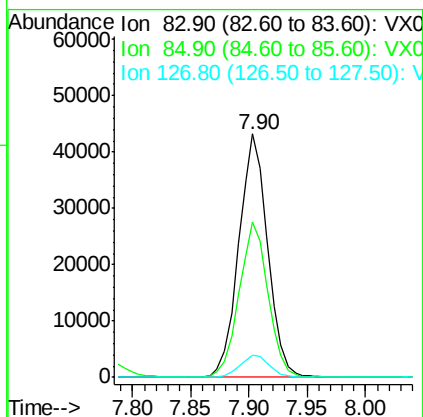
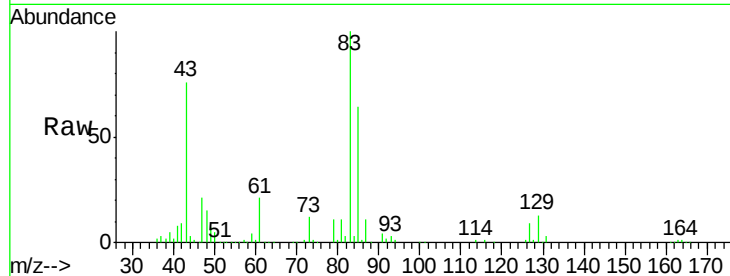
Tot Ion: 83 Resp: 74522

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 20.82 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

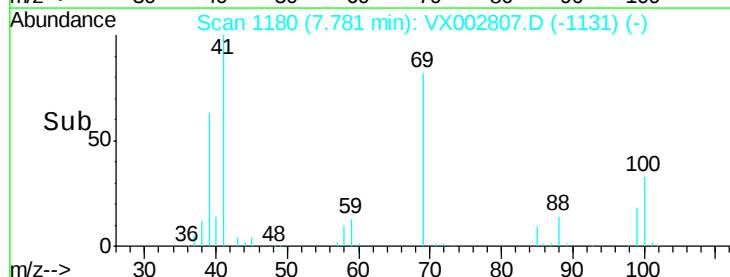
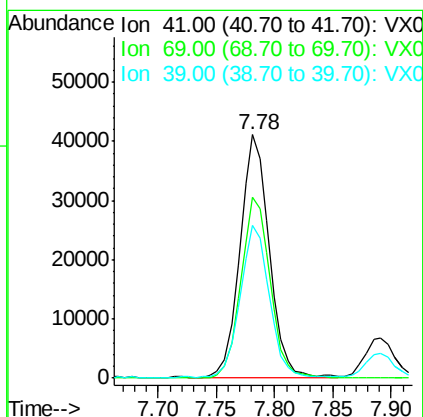
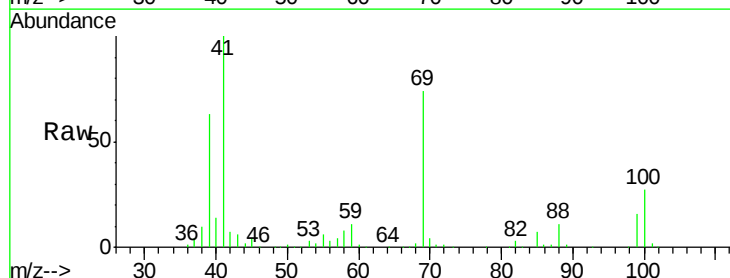
Tgt Ion: 41 Resp: 71504

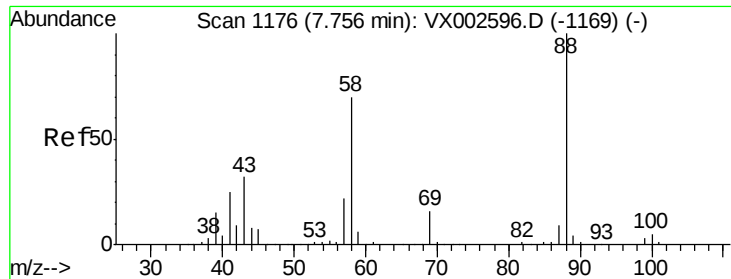
Ion Ratio Lower Upper

41 100

69 75.3 59.1 88.7

39 63.1 48.9 73.3





#49

1,4-Dioxane

Concen: 467.10 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

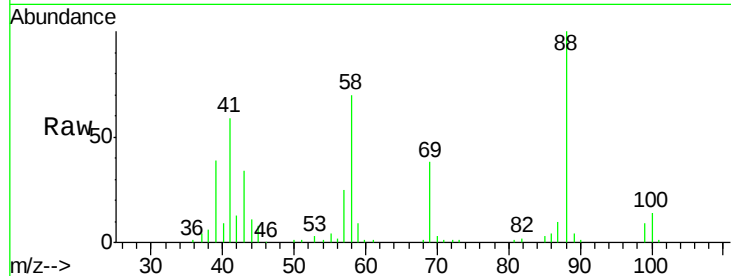
Tot Ion: 88 Resp: 30373

Ion Ratio Lower Upper

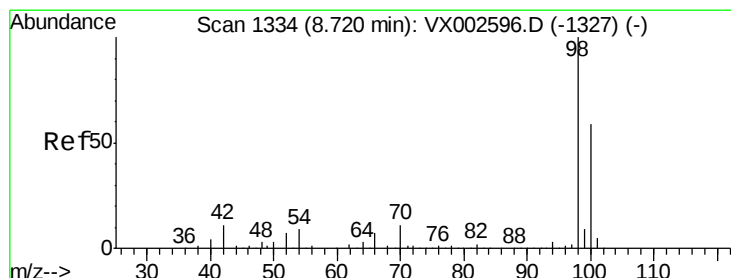
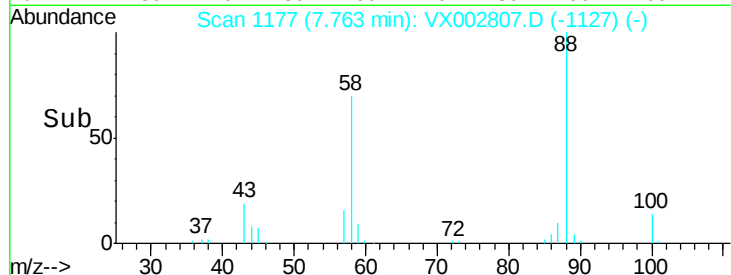
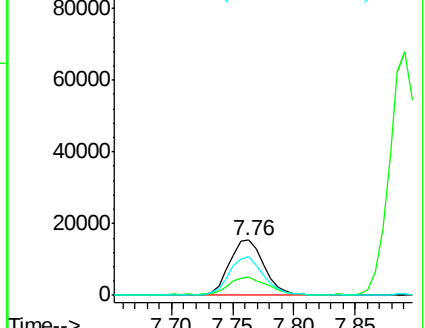
88 100

43 35.3 29.8 44.6

58 70.3 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: 43.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002807.D

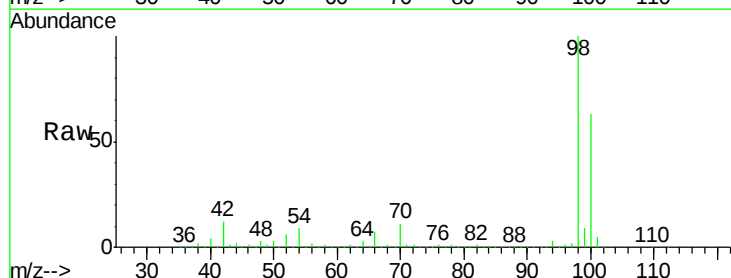
Acq: 22 Jun 2018 00:28

Tgt Ion: 98 Resp: 447991

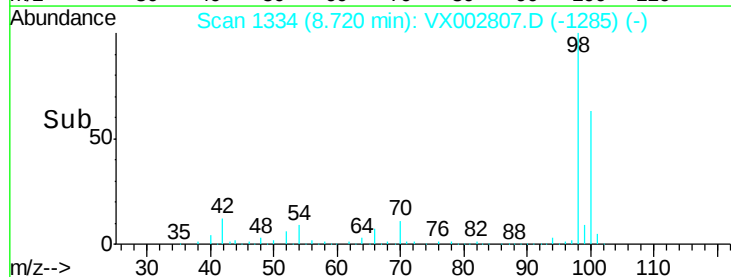
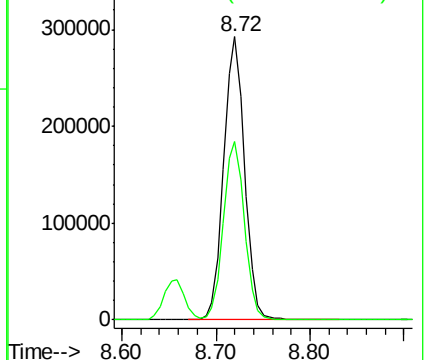
Ion Ratio Lower Upper

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: 109.71 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

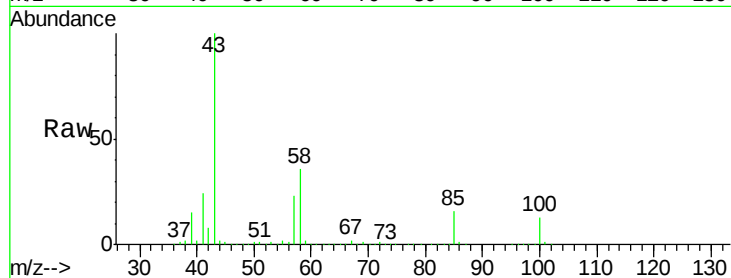
ClientSampleId :

Tot Ion: 43 Resp: 473306

Ion Ratio Lower Upper

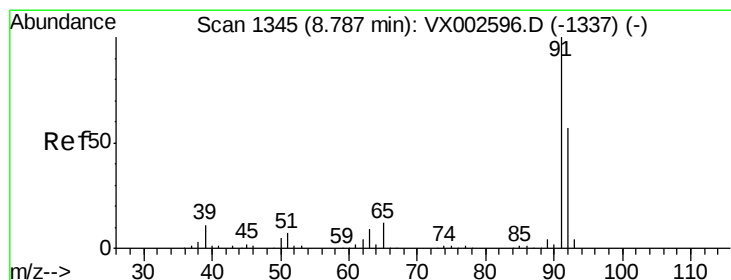
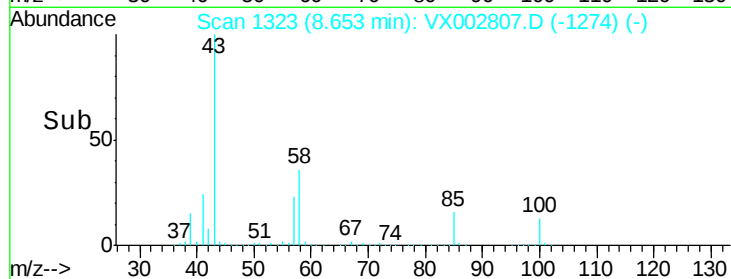
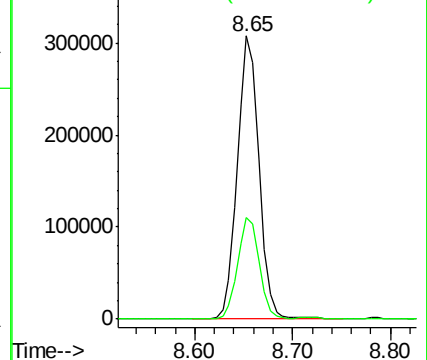
43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002807.D

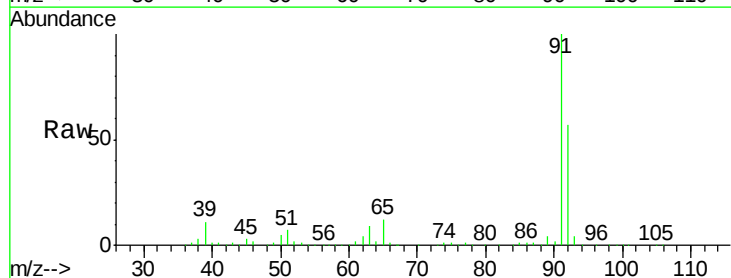
Acq: 22 Jun 2018 00:28

Tgt Ion: 92 Resp: 140877

Ion Ratio Lower Upper

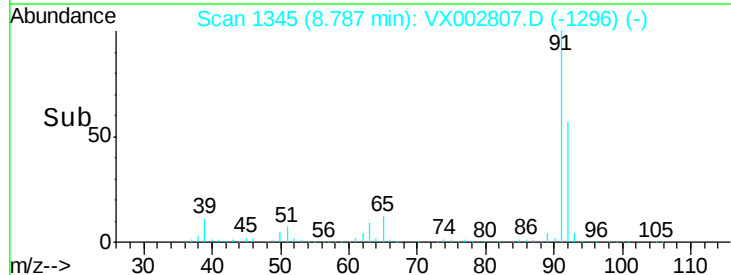
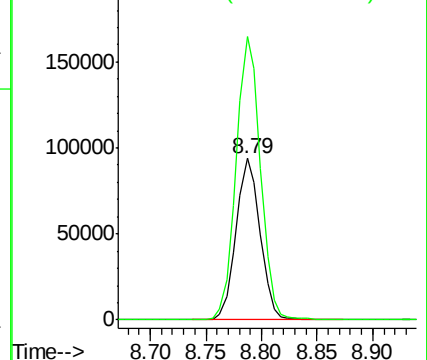
92 100

91 176.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

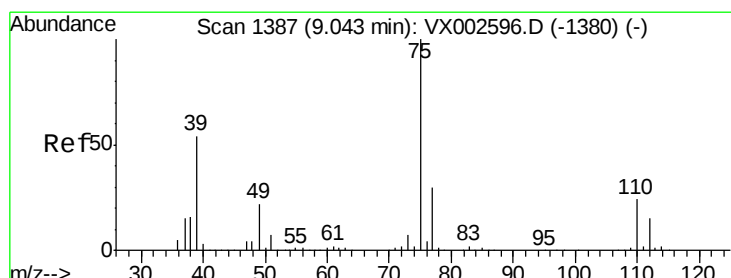
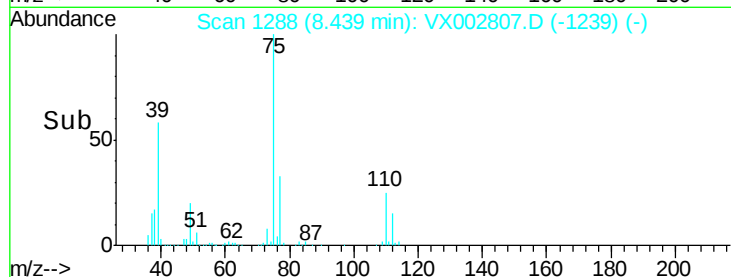
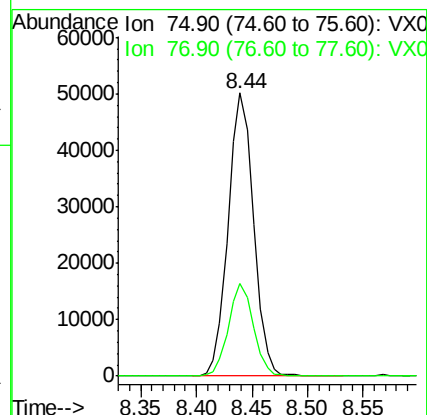
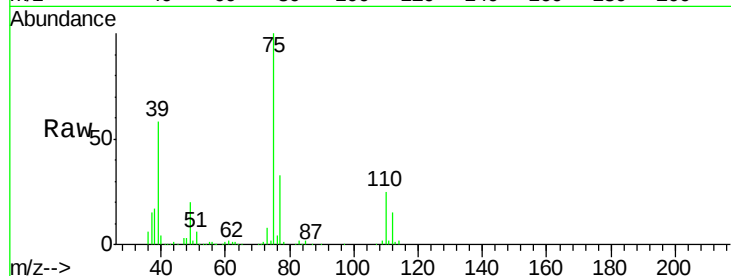
ClientSampleId :

Tot Ion: 75 Resp: 79427

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

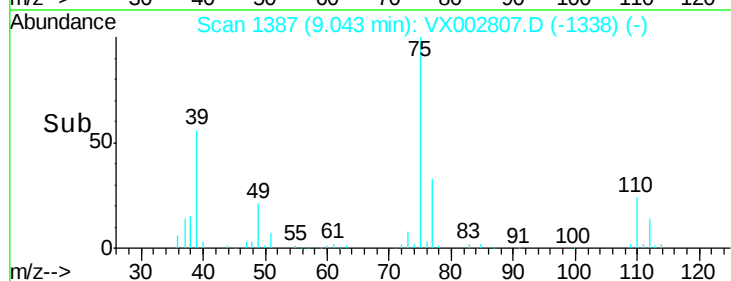
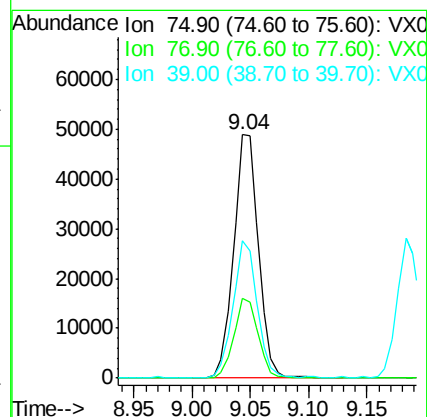
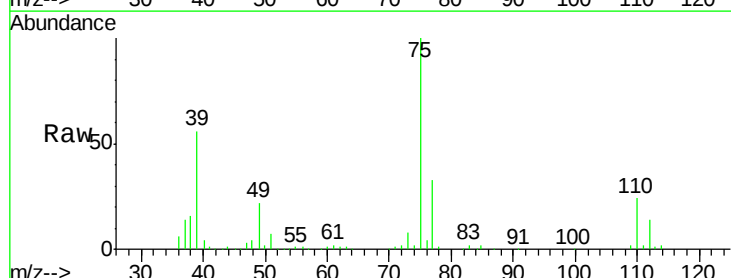
Tgt Ion: 75 Resp: 72401

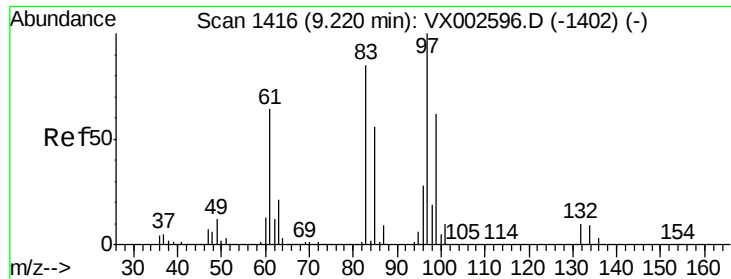
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 56.1 42.4 63.6

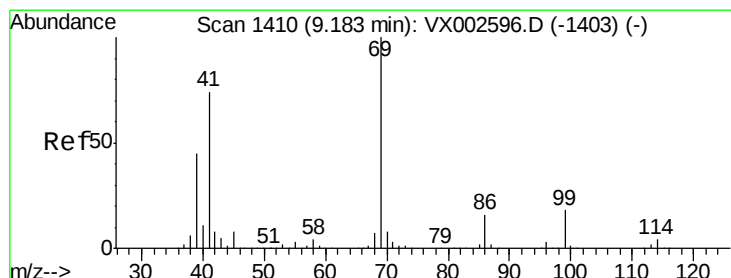
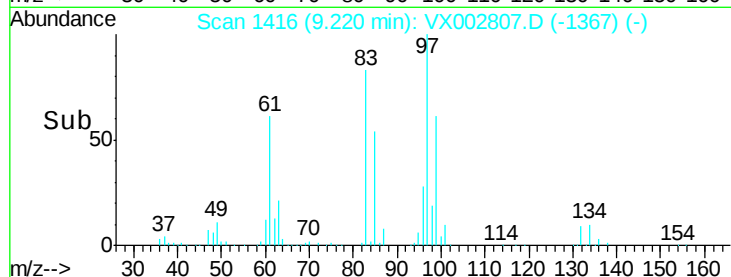
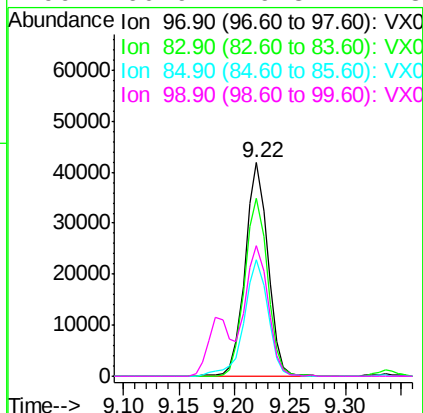
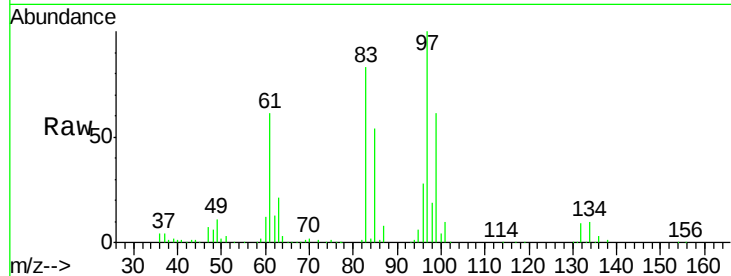




#55
 1,1,2-Trichloroethane
 Concen: 21.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

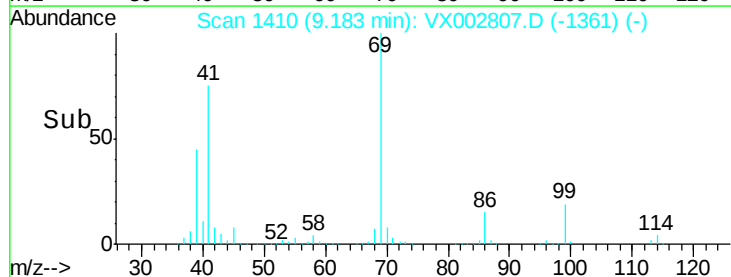
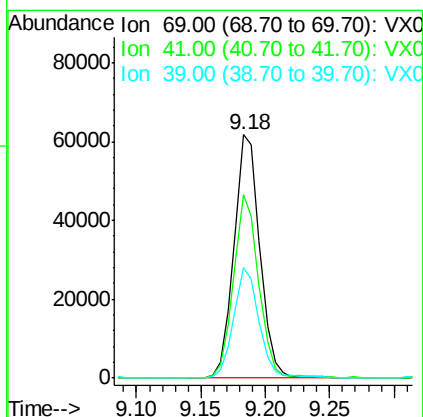
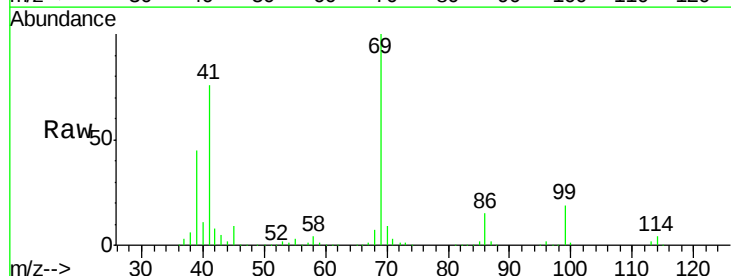
Instrument :
 MSVOA_X
 ClientSampleId :

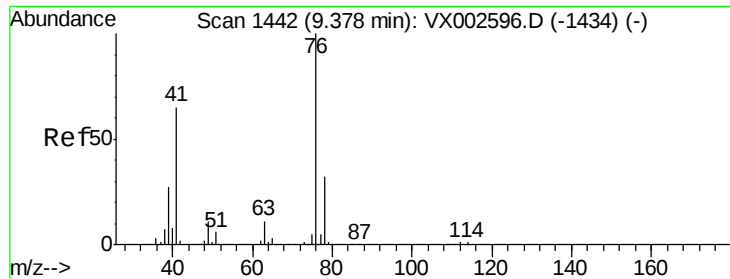
Tot Ion:	97	Resp:	59783
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.2
85	54.3	44.9	67.3
99	60.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.35 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion:	69	Resp:	86729
Ion	Ratio	Lower	Upper
69	100		
41	72.6	60.3	90.5
39	44.0	35.8	53.8

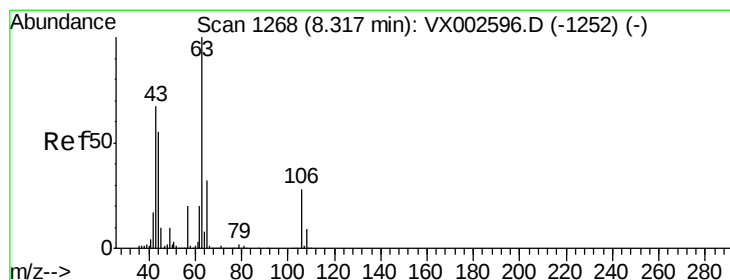
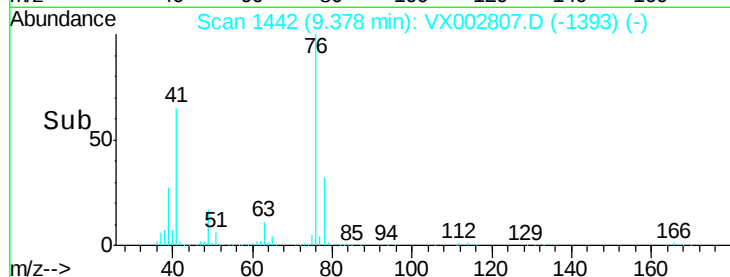
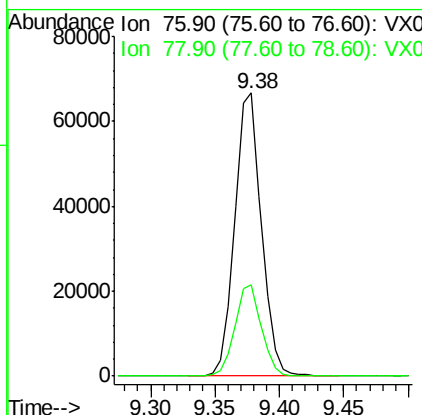
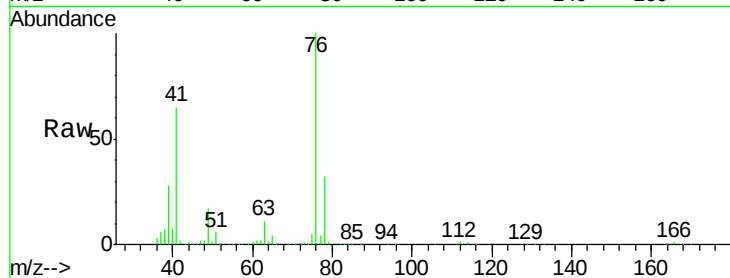




#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

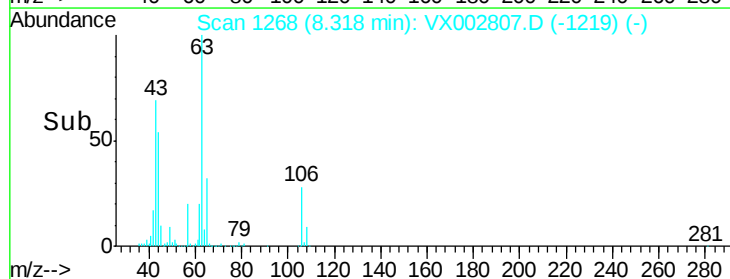
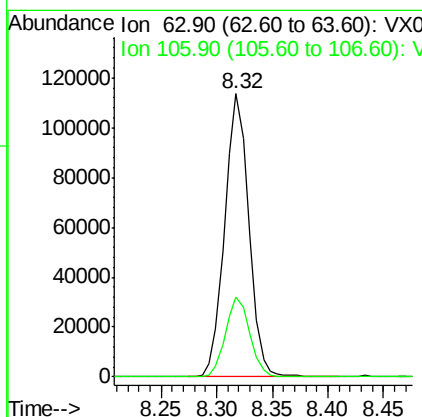
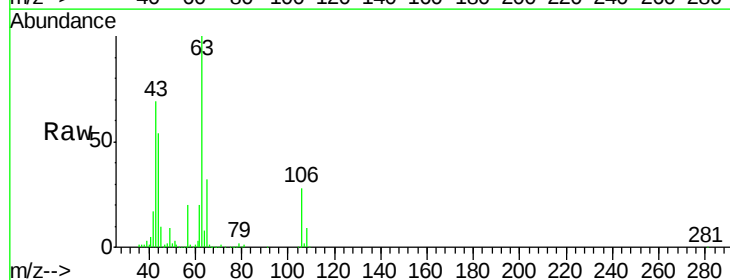
Instrument :
 MSVOA_X
 ClientSampleId :

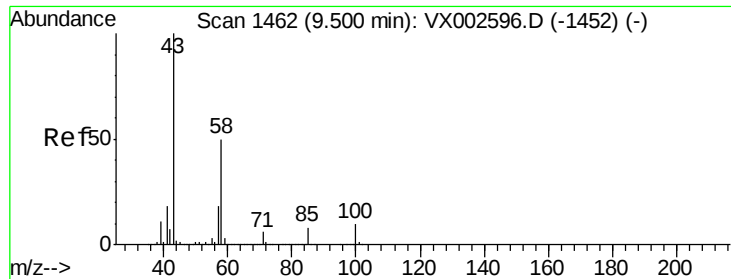
Tot Ion: 76 Resp: 96169
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.90 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion: 63 Resp: 170870
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

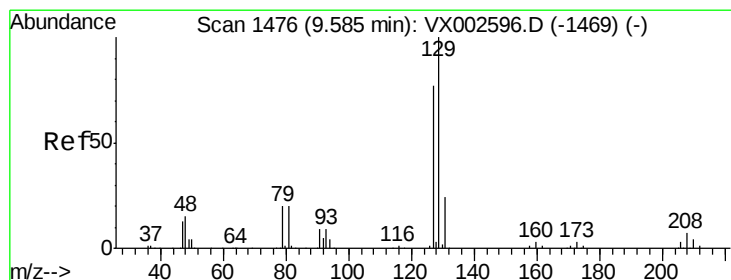
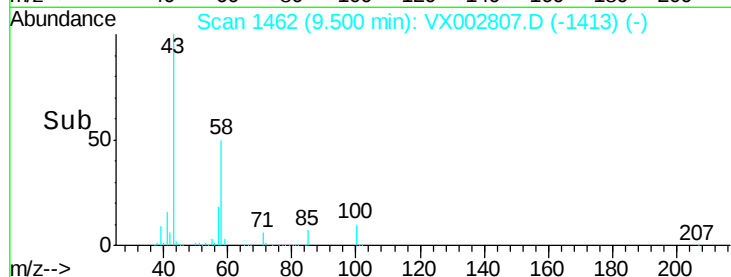
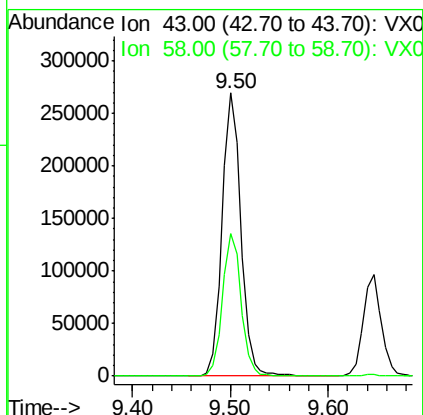
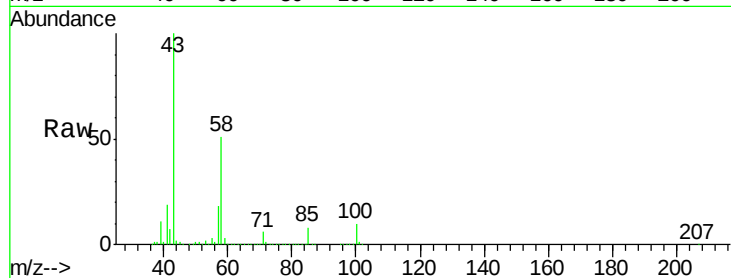




#59
2-Hexanone
Concen: 110.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

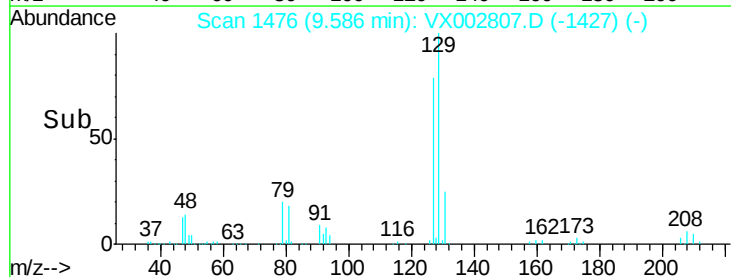
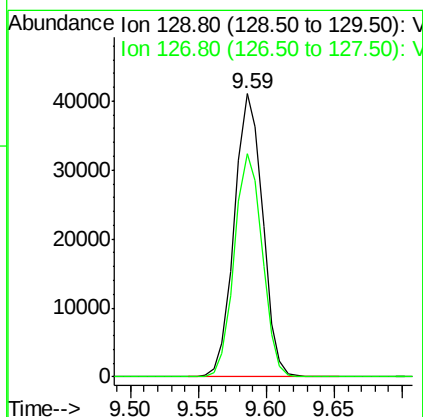
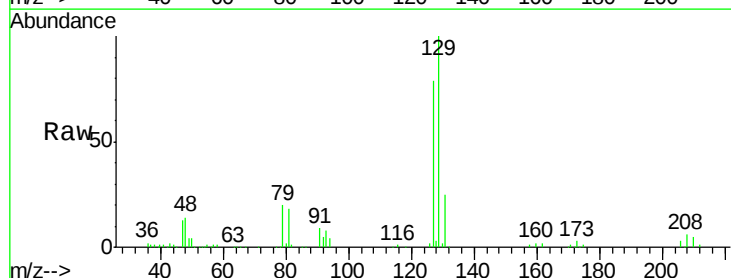
Instrument :
MSVOA_X
ClientSampleId :

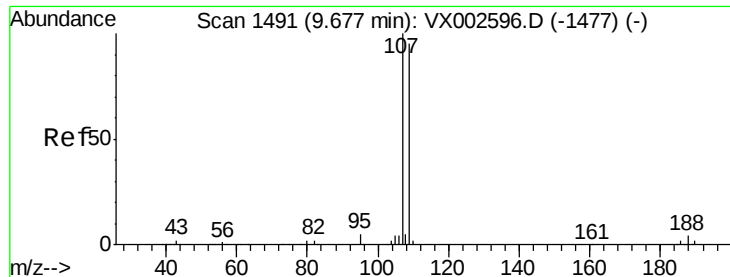
Tot Ion: 43 Resp: 360378
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 21.47 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:129 Resp: 59646
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

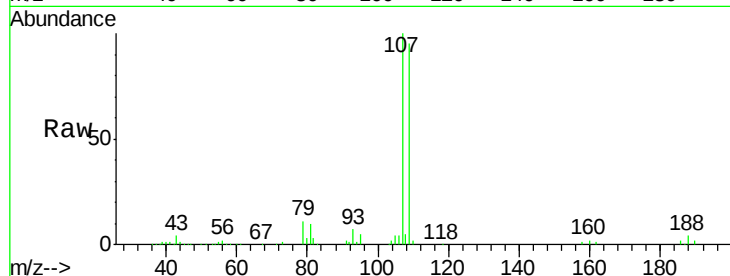
ClientSampleId :

Tot Ion:107 Resp: 62247

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

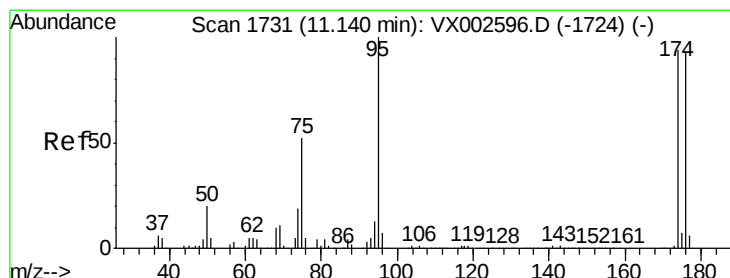
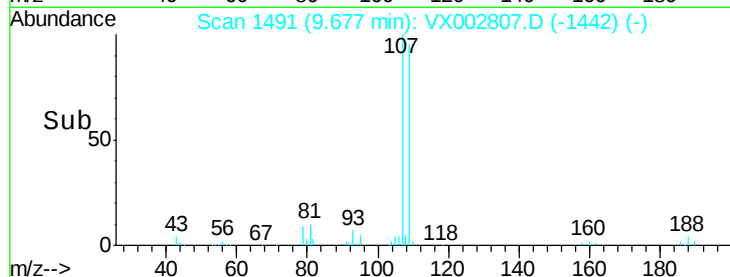
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 43.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

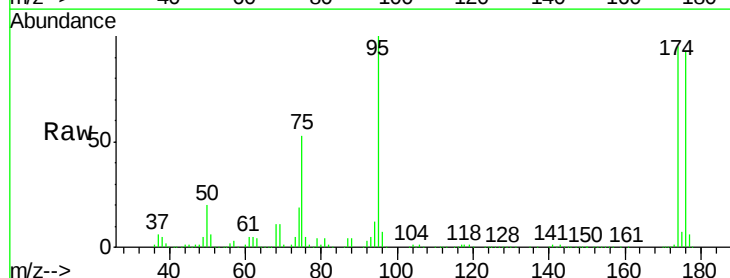
Tgt Ion: 95 Resp: 170132

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

176 94.0 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

11.14

150000

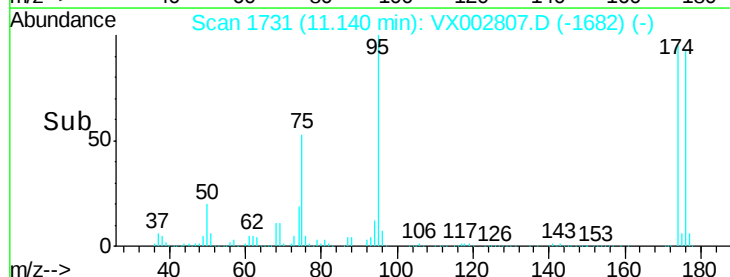
100000

50000

0

Time-->

11.10 11.20

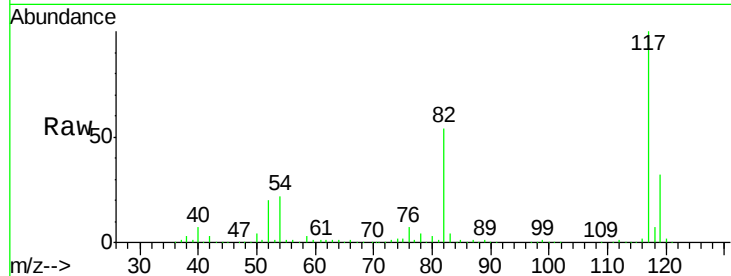




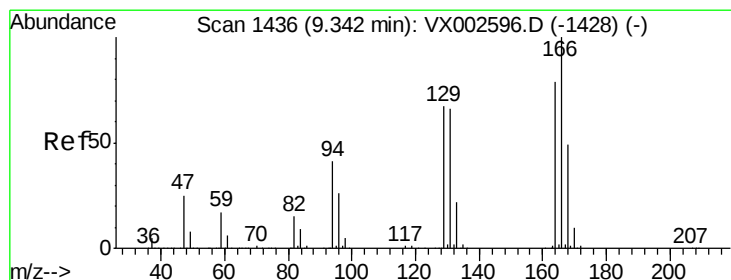
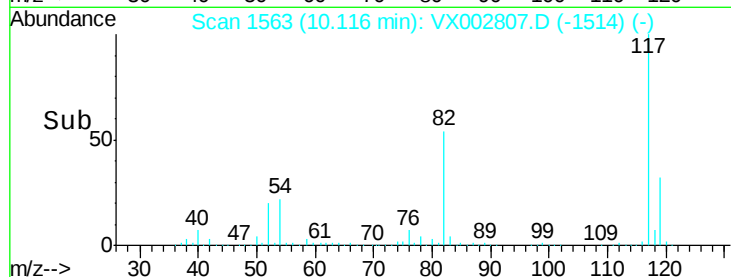
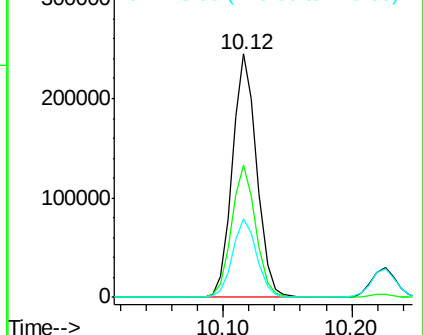
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 323383
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 25.8 38.6

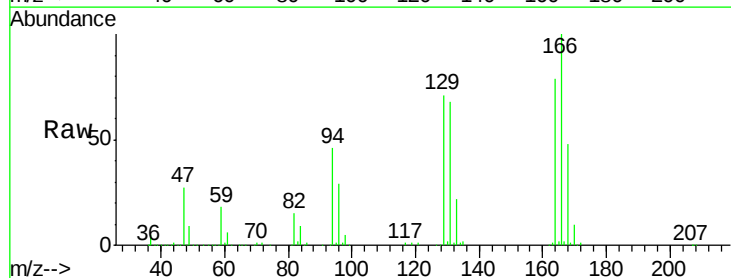


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

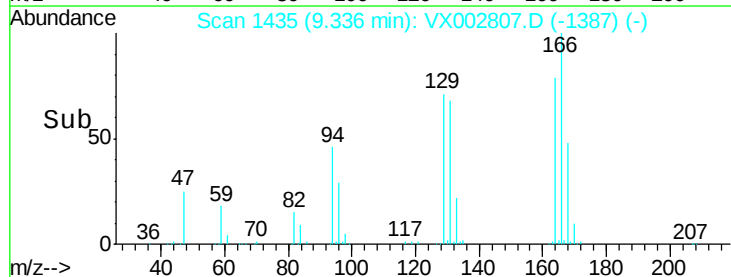
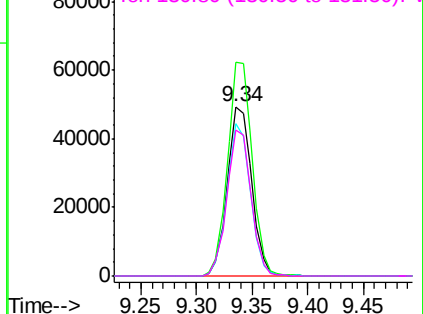


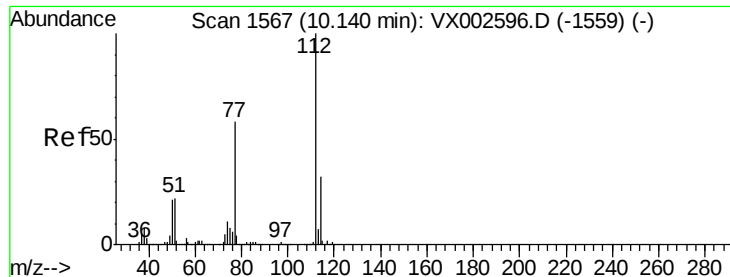
#64
Tetrachloroethene
Concen: 20.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:164 Resp: 74883
Ion Ratio Lower Upper
164 100
166 126.3 102.9 154.3
129 90.1 68.6 102.8
131 86.4 66.8 100.2



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





#65

Chlorobenzene

Concen: 20.90 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

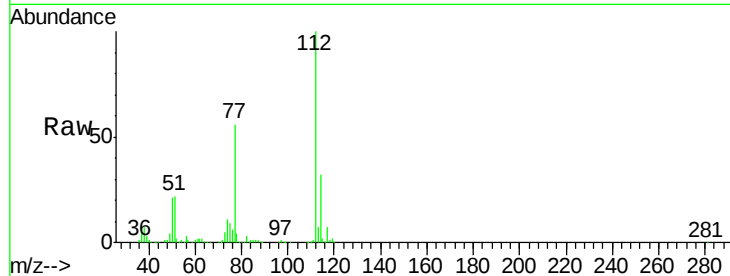
ClientSampled :

Tot Ion:112 Resp: 166004

Ion Ratio Lower Upper

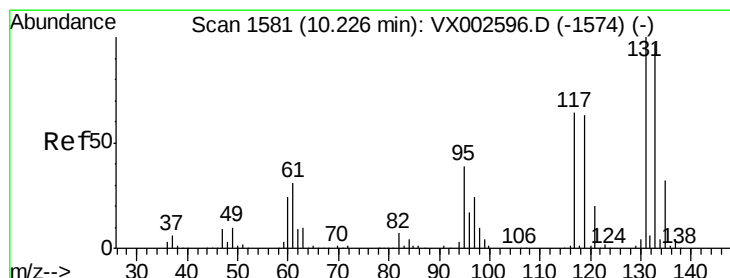
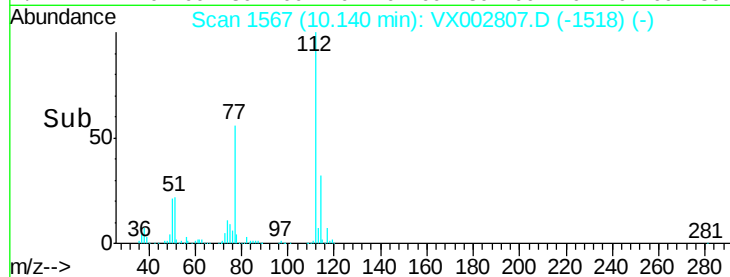
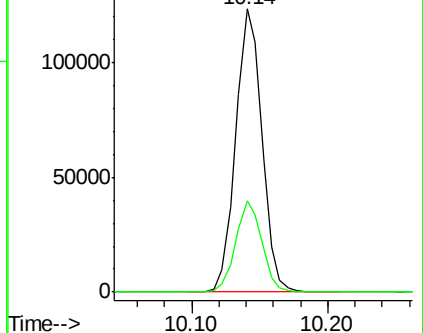
112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.31 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

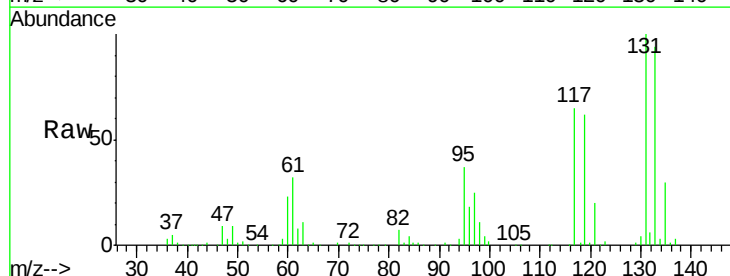
Tgt Ion:131 Resp: 60418

Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

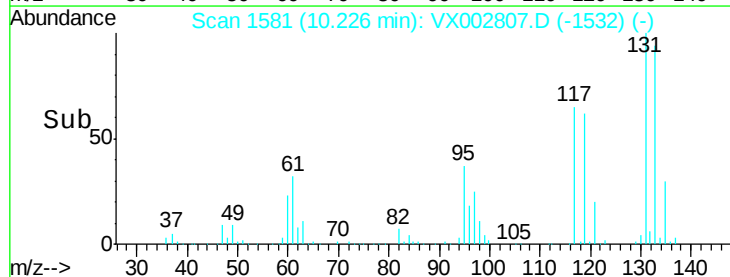
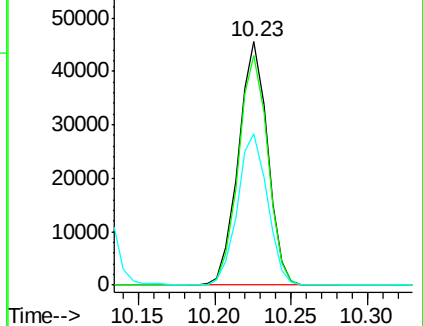
119 63.5 31.8 95.3

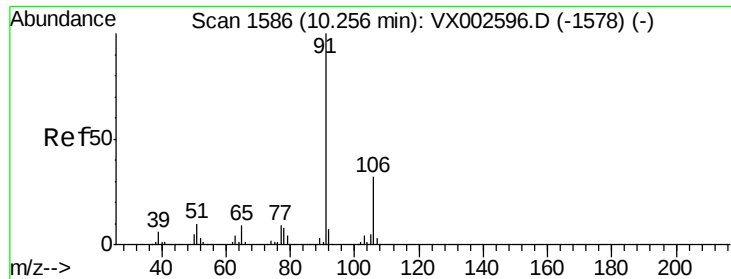


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

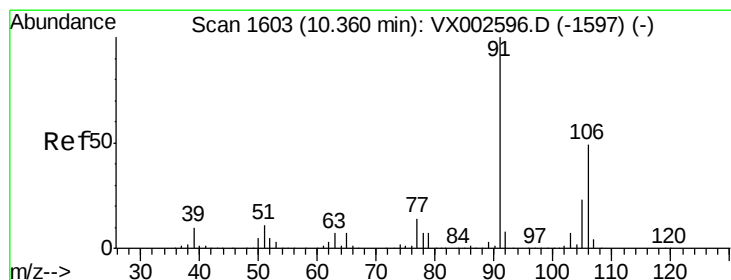
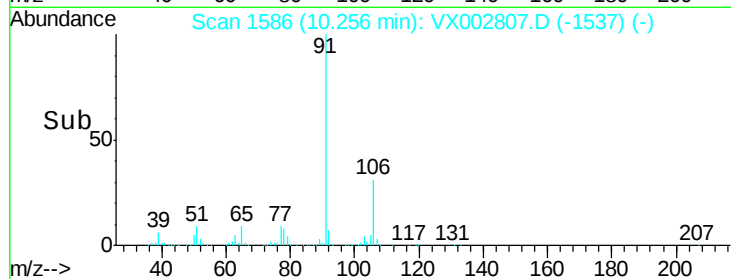
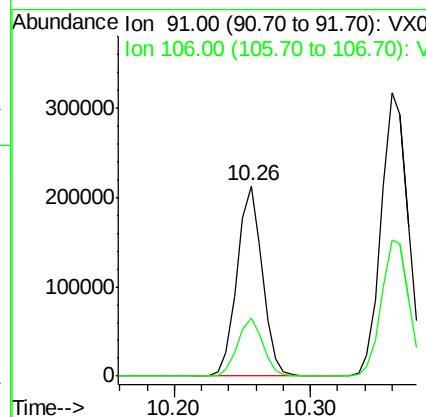
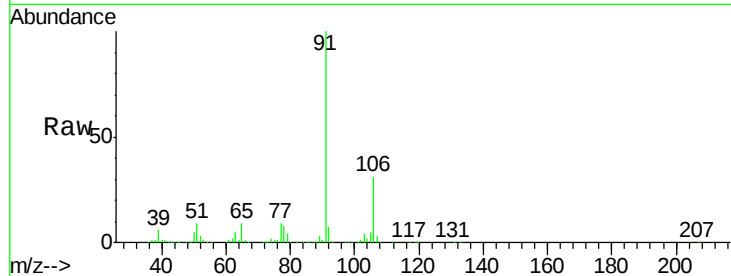




#67
Ethyl Benzene
Concen: 20.54 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

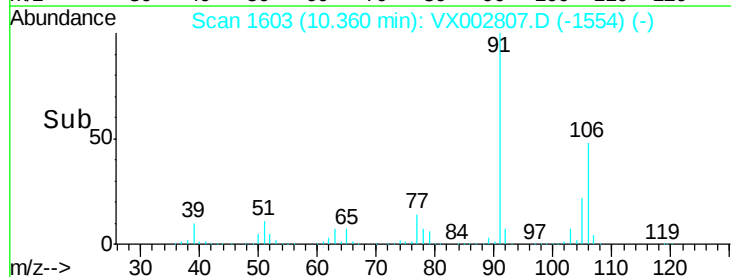
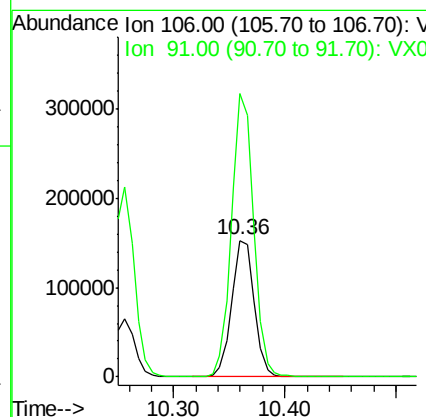
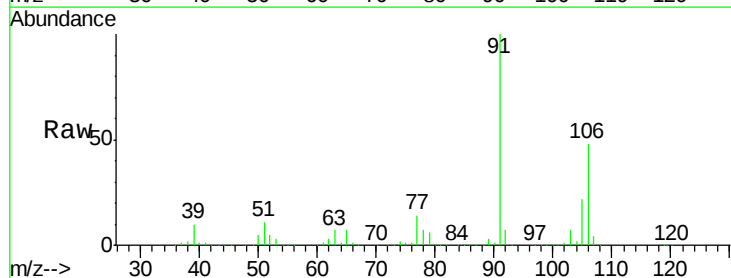
Instrument :
MSVOA_X
ClientSampleId :

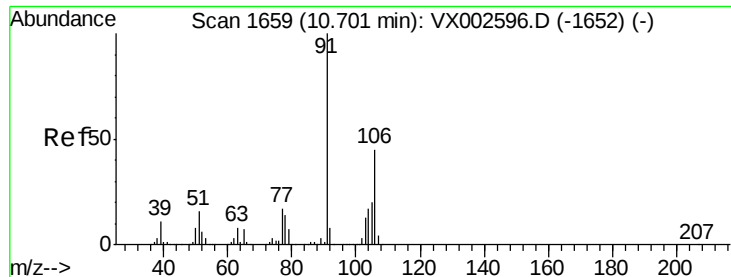
Tot Ion: 91 Resp: 275159
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 41.41 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 106 Resp: 213960
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.2

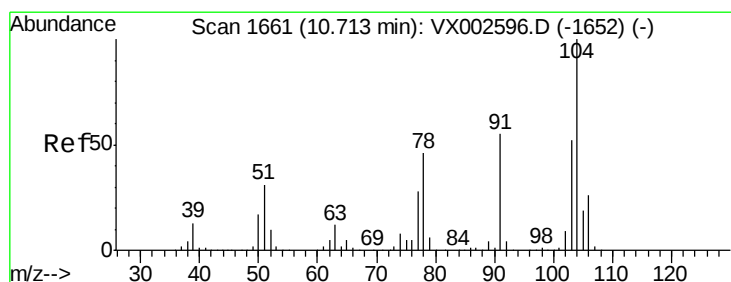
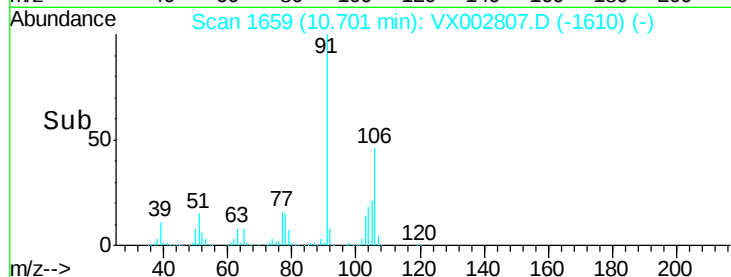
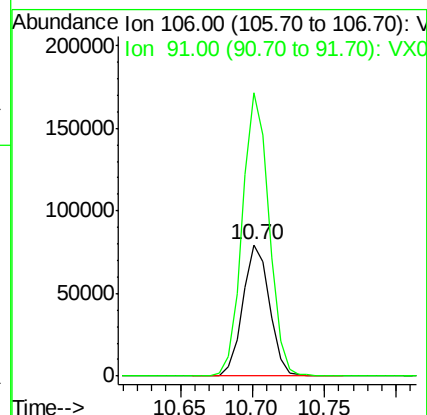
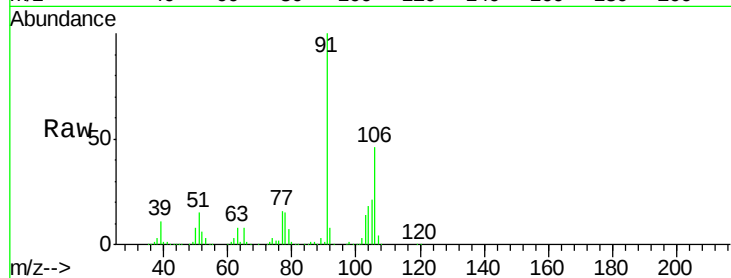




#69
o-Xylene
Concen: 20.17 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

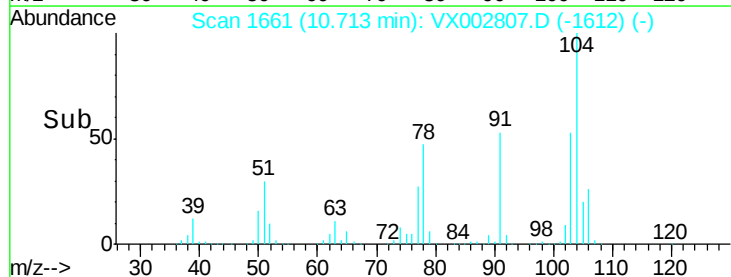
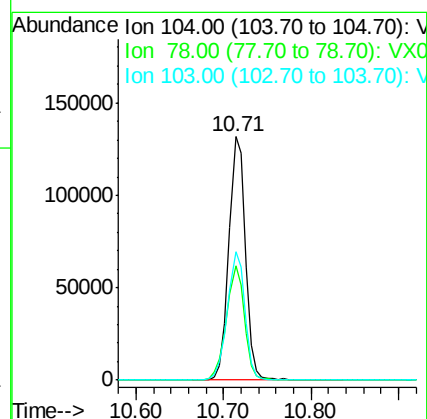
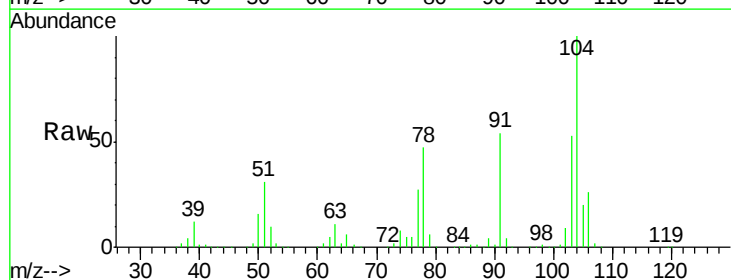
Instrument :
MSVOA_X
ClientSampleId :

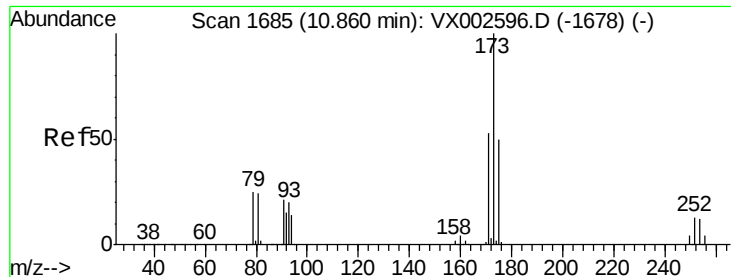
Tot Ion:106 Resp: 102393
Ion Ratio Lower Upper
106 100
91 216.0 108.2 324.6



#70
Styrene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:104 Resp: 172047
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 56.3 44.2 66.4

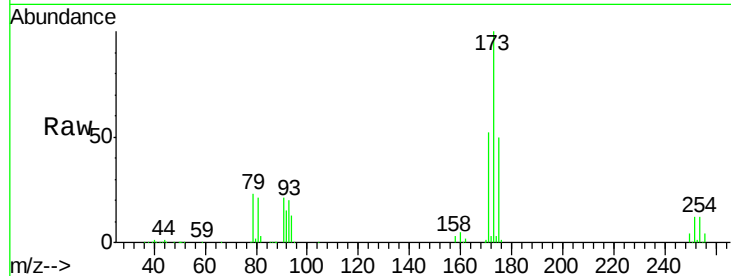




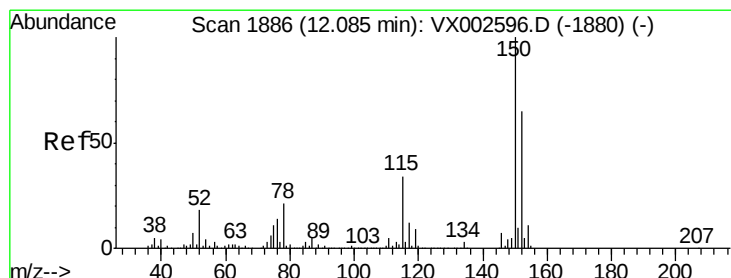
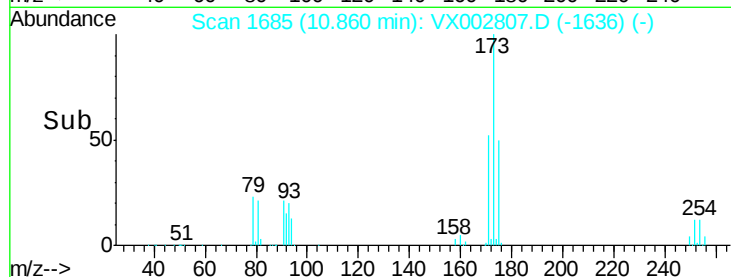
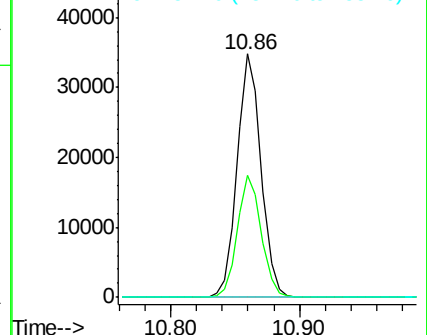
#71
Bromoform
Concen: 21.38 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 45130
Ion Ratio Lower Upper
173 100
175 49.8 24.7 74.1
254 0.2 0.2 0.2

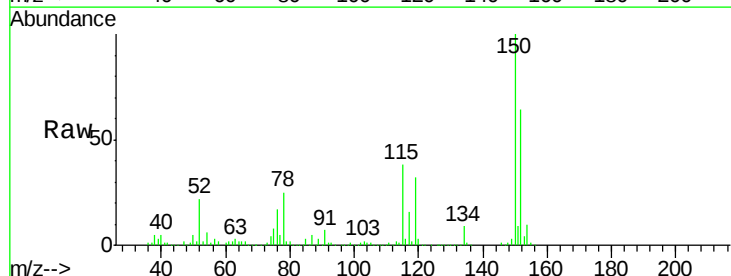


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

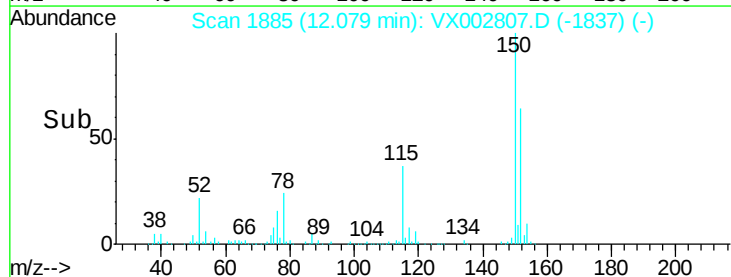
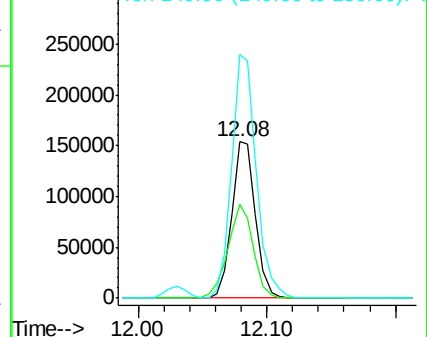


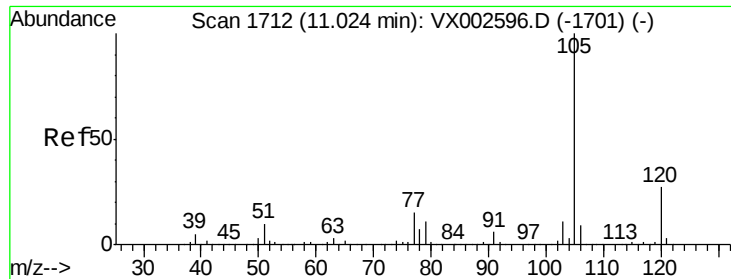
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:152 Resp: 196666
Ion Ratio Lower Upper
152 100
115 64.6 40.1 120.2
150 164.1 0.0 347.2



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





#73

Isopropylbenzene

Concen: 21.50 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

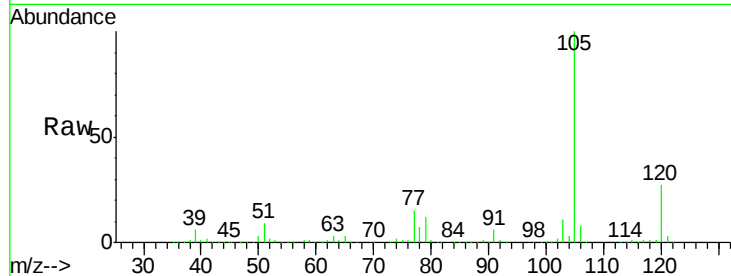
ClientSampled :

Tot Ion:105 Resp: 282792

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

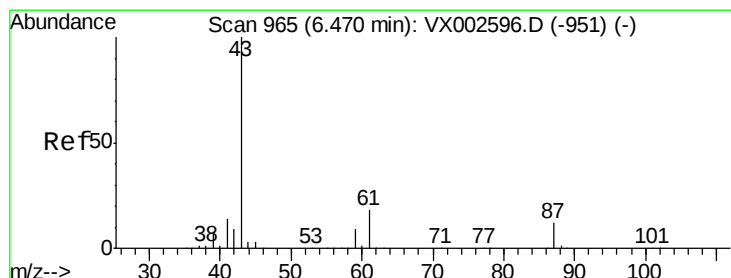
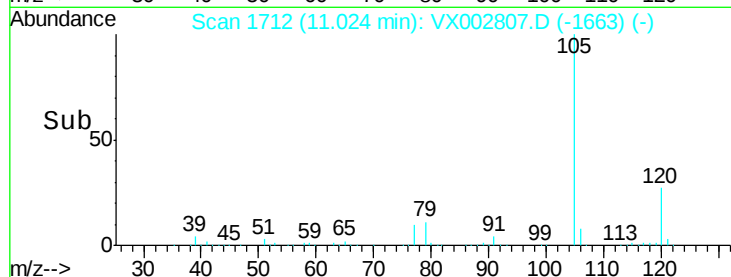
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion: 43 Resp: 136260

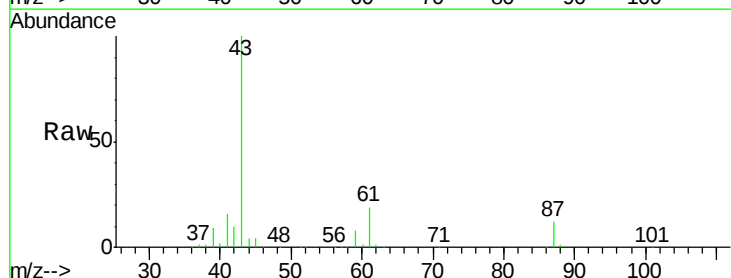
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

6.47

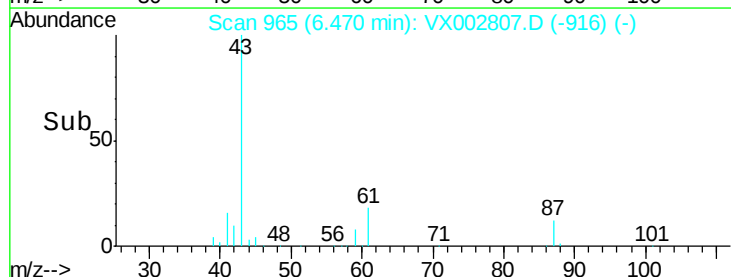
6.30

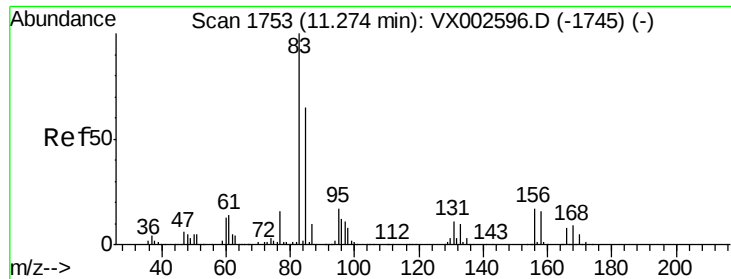
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

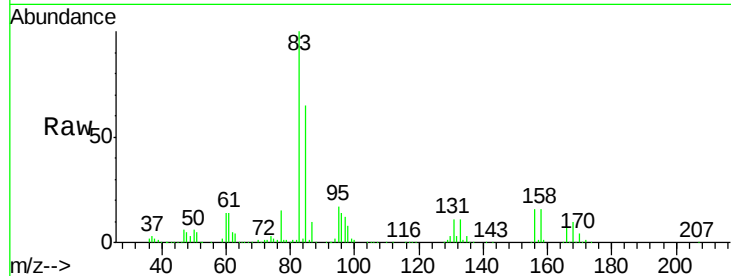
Tot Ion: 83 Resp: 88756

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

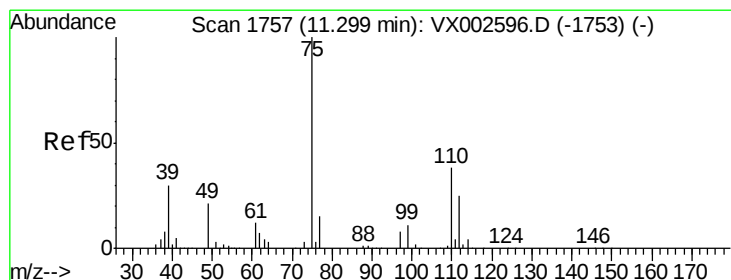
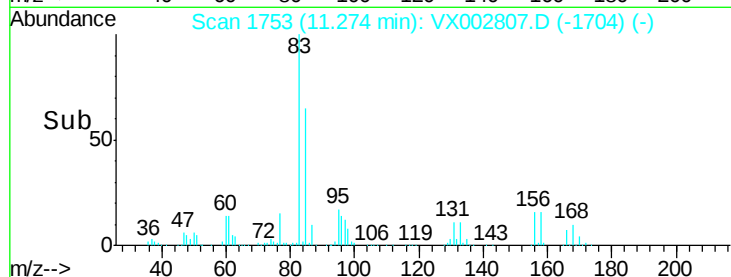
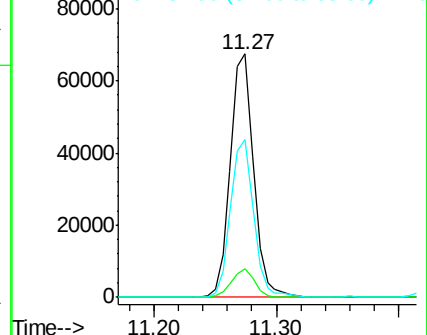
85 64.6 32.4 97.2



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: 26.46 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002807.D

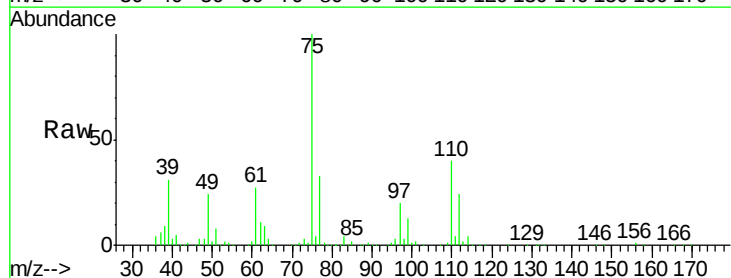
Acq: 22 Jun 2018 00:28

Tgt Ion: 75 Resp: 98205

Ion Ratio Lower Upper

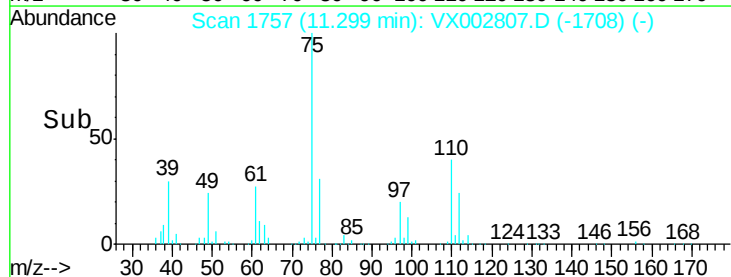
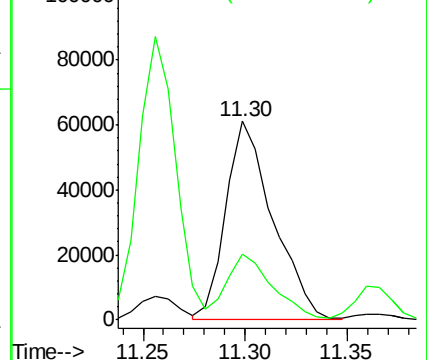
75 100

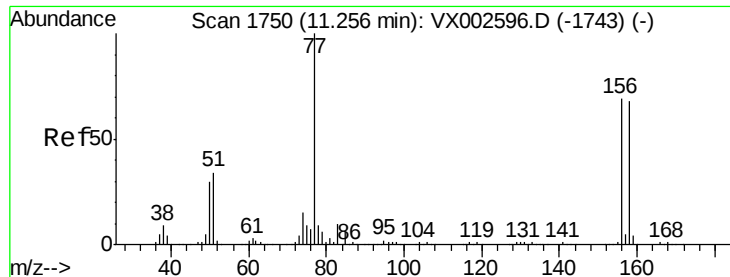
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

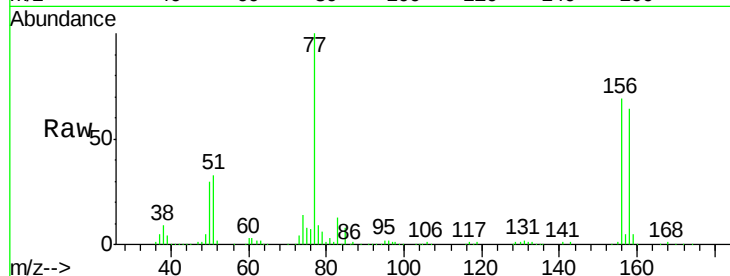
Tot Ion:156 Resp: 79667

Ion Ratio Lower Upper

156 100

77 138.1 71.4 214.2

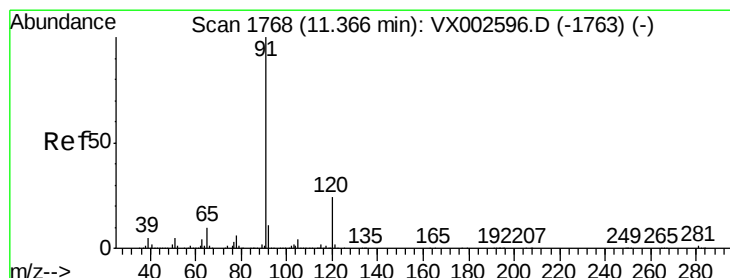
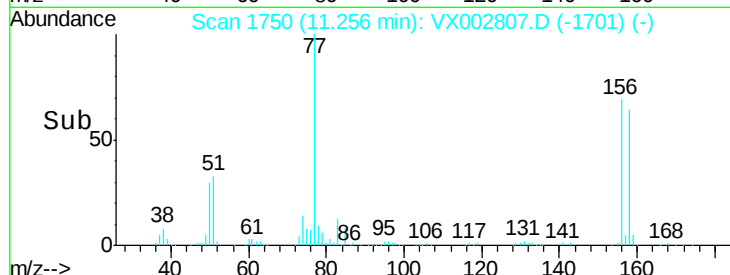
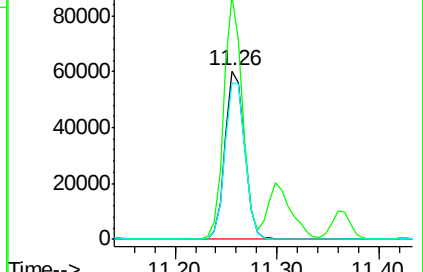
158 96.2 48.9 146.6



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: 20.78 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002807.D

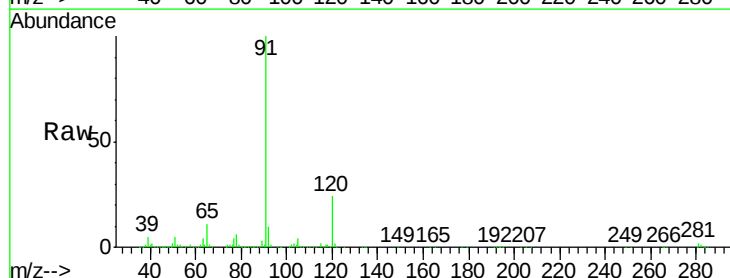
Acq: 22 Jun 2018 00:28

Tgt Ion: 91 Resp: 313517

Ion Ratio Lower Upper

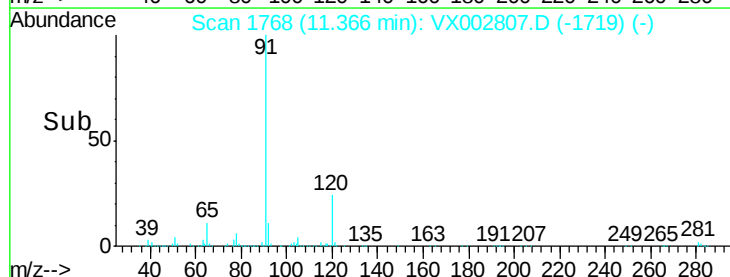
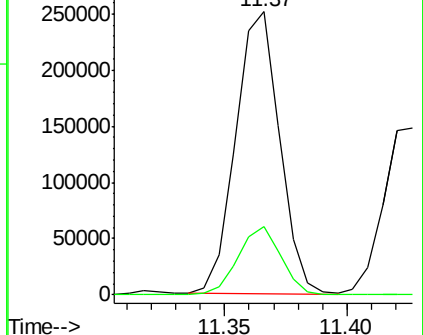
91 100

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

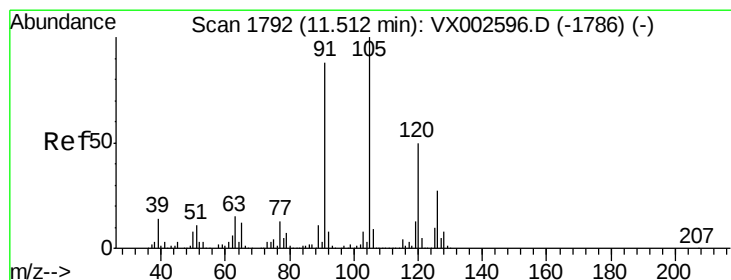
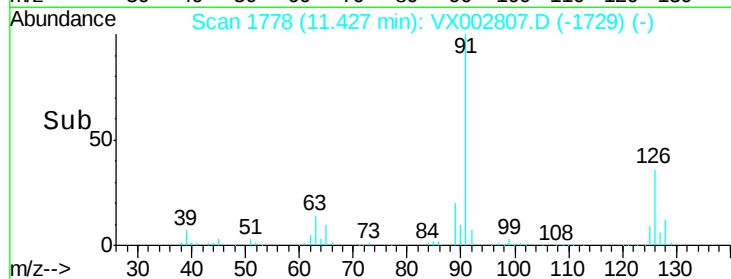
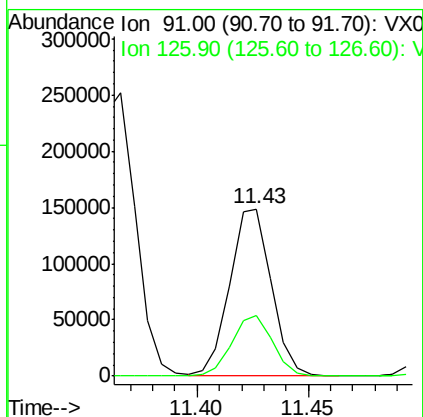
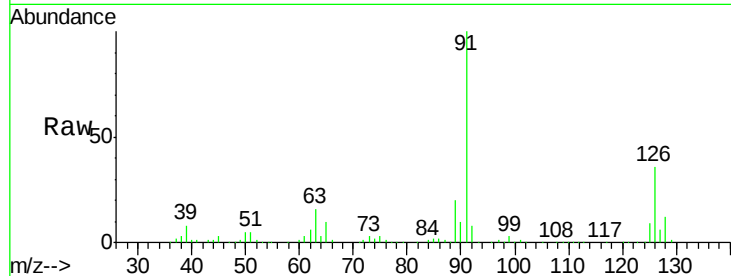




#79
 2-Chlorotoluene
 Concen: 21.25 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

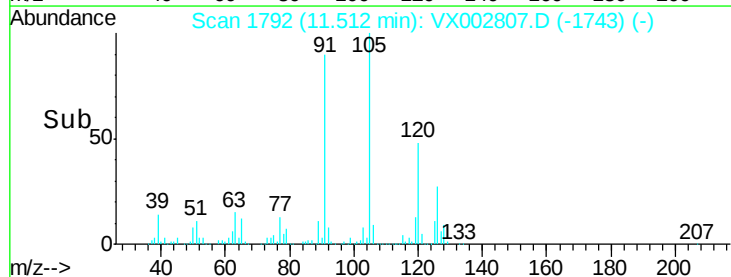
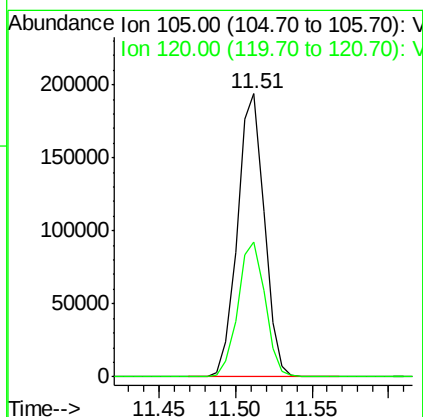
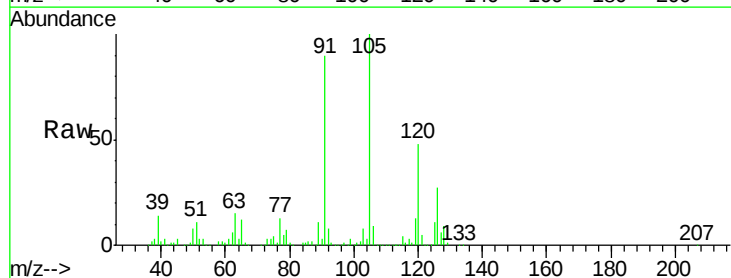
Instrument :
 MSVOA_X
 ClientSampleId :

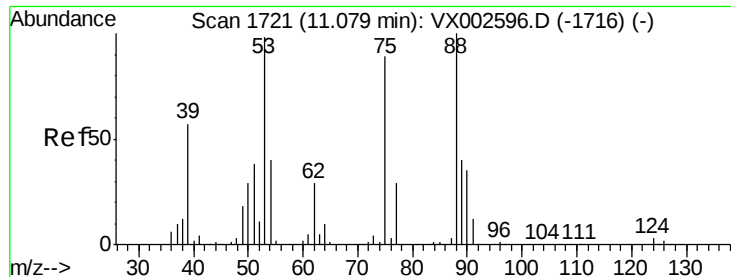
Tot Ion: 91 Resp: 191376
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.18 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion: 105 Resp: 235438
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.44 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

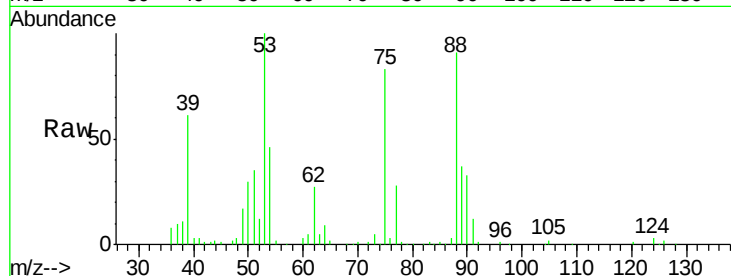
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 19307

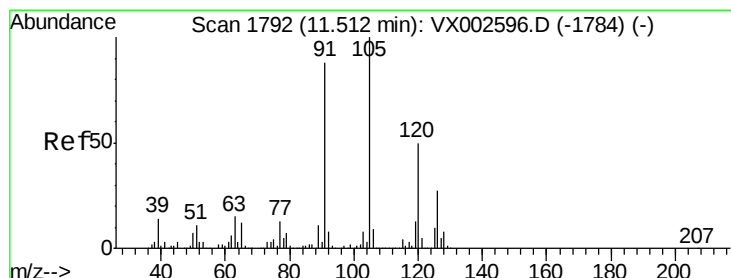
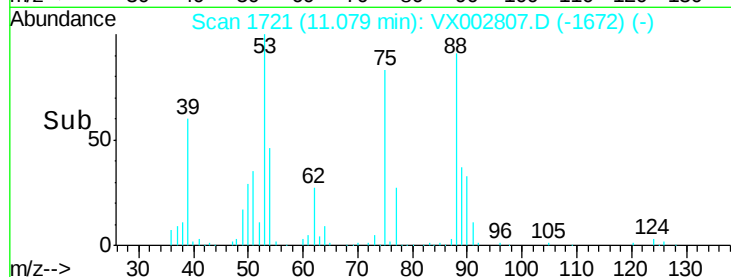
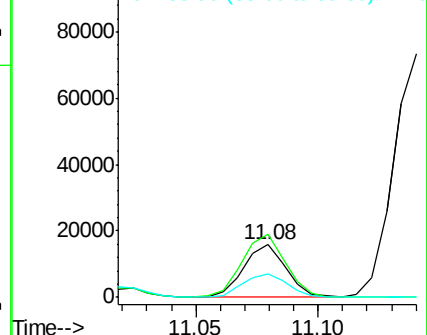
Ion	Ratio	Lower	Upper
75	100		
53	120.1	86.8	130.2
89	47.2	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.08 ug/l

RT: 11.51 min Scan# 1792

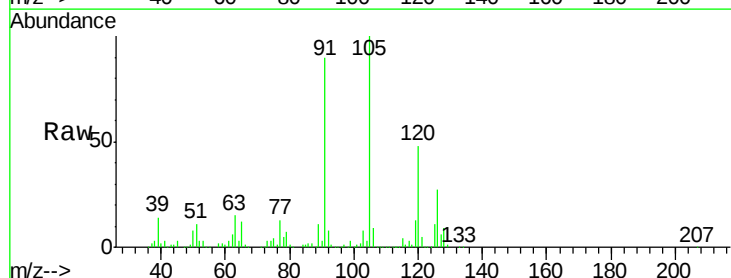
Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

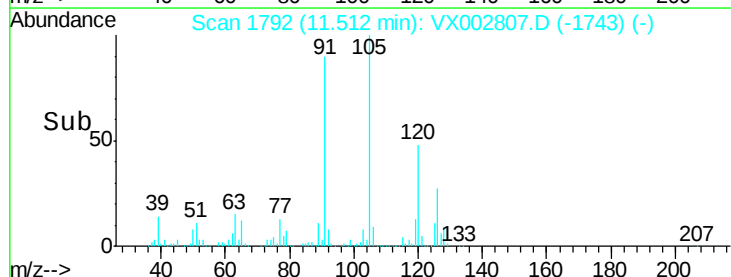
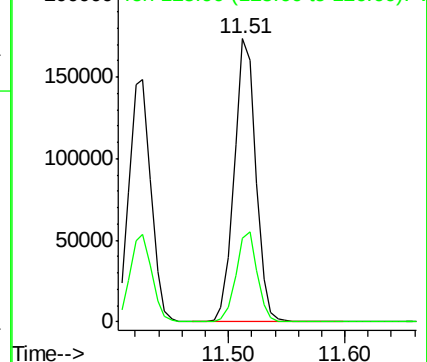
Tgt Ion: 91 Resp: 224034

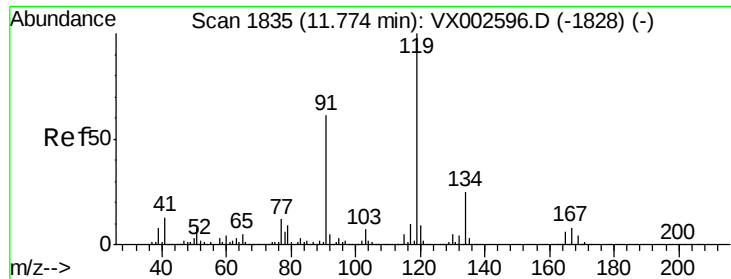
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

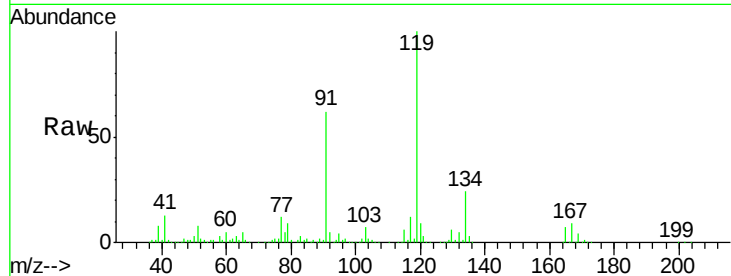




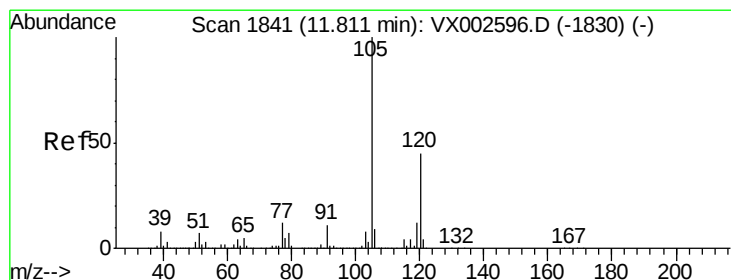
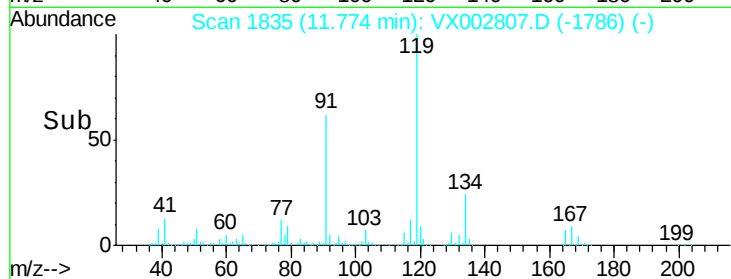
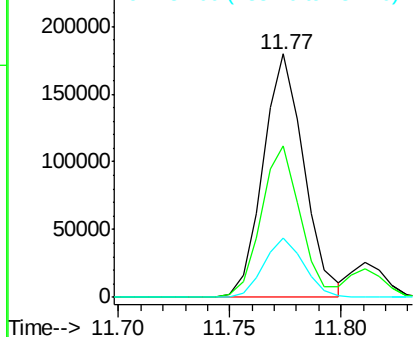
#83
tert-Butylbenzene
Concen: 21.31 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 228184
Ion Ratio Lower Upper
119 100
91 60.1 30.3 90.9
134 24.0 11.7 35.1

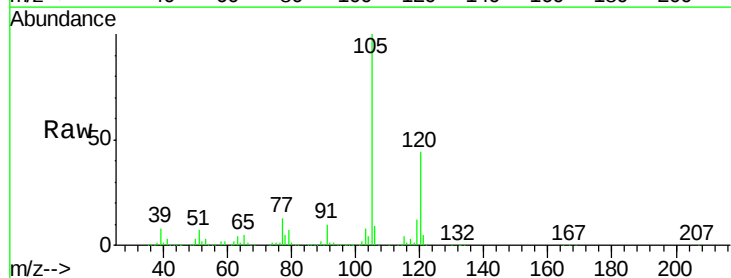


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

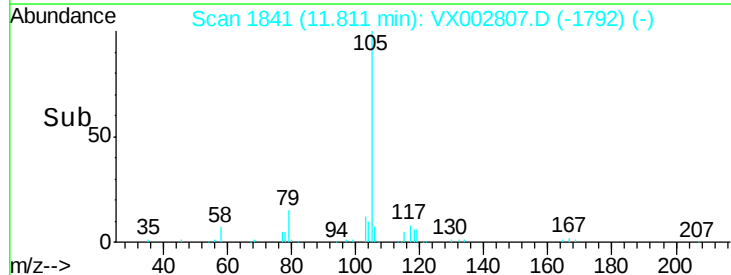
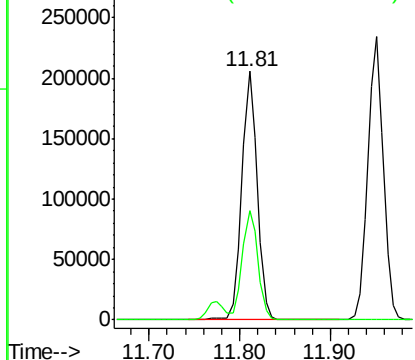


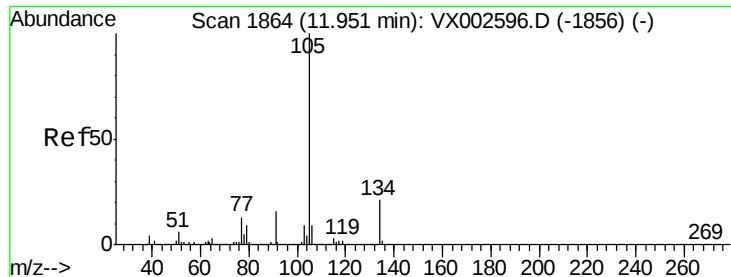
#84
1,2,4-Trimethylbenzene
Concen: 21.39 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:105 Resp: 242612
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

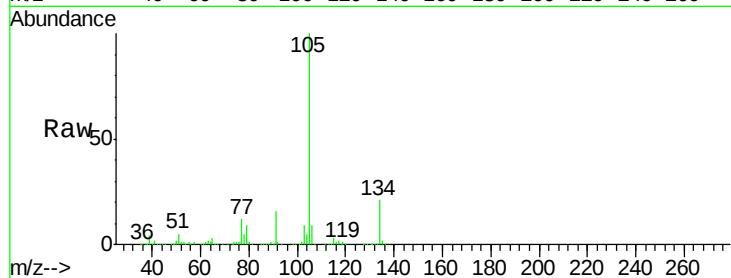
ClientSampleId :

Tot Ion:105 Resp: 278554

Ion Ratio Lower Upper

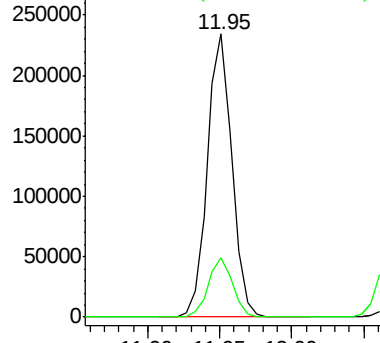
105 100

134 21.0 10.4 31.1

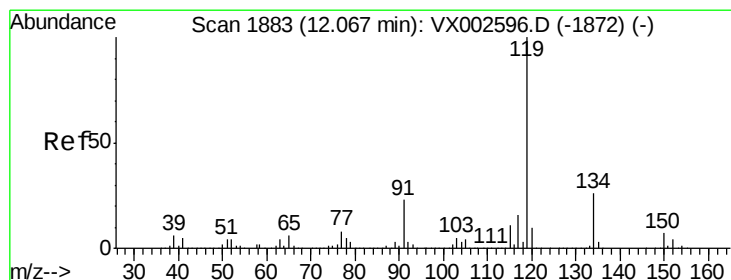
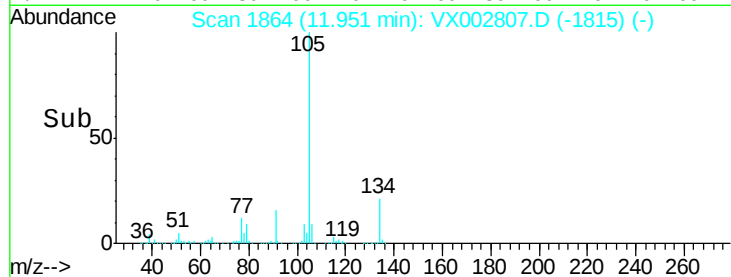


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

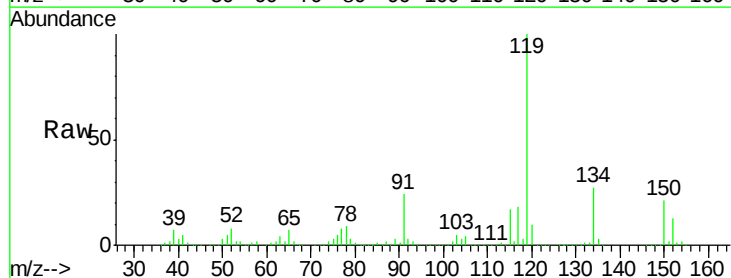
Tgt Ion:119 Resp: 247502

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

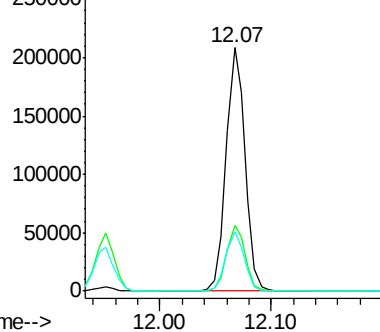
91 24.0 11.9 35.7



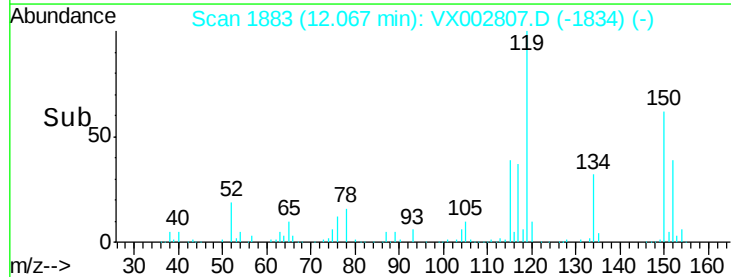
Abundance Ion 119.00 (118.70 to 119.70): V

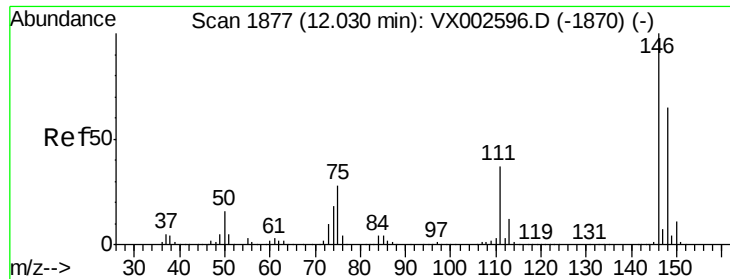
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 21.16 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

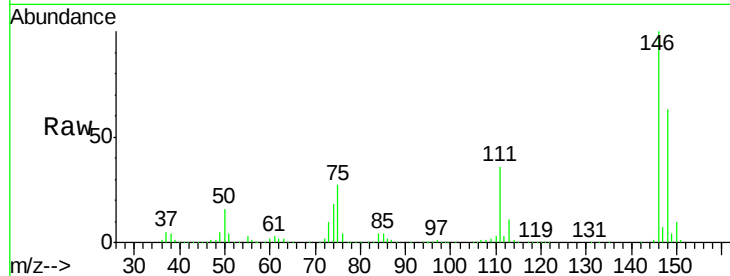
Tot Ion:146 Resp: 142164

Ion Ratio Lower Upper

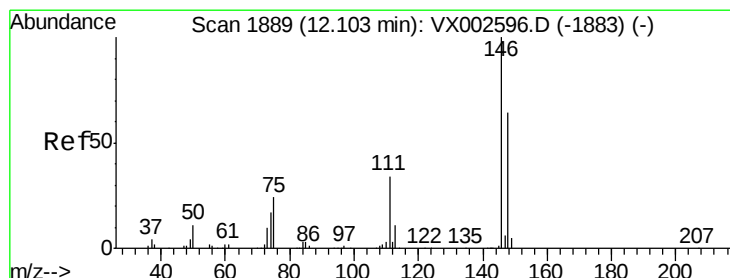
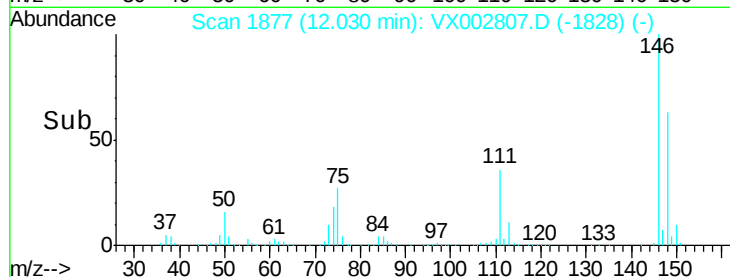
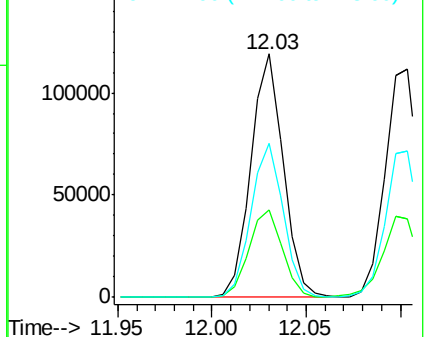
146 100

111 37.2 18.9 56.7

148 63.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 21.19 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

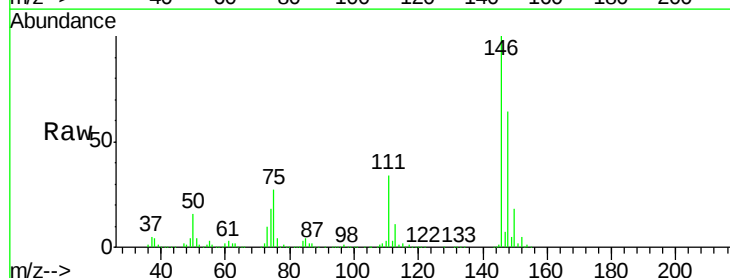
Tgt Ion:146 Resp: 144892

Ion Ratio Lower Upper

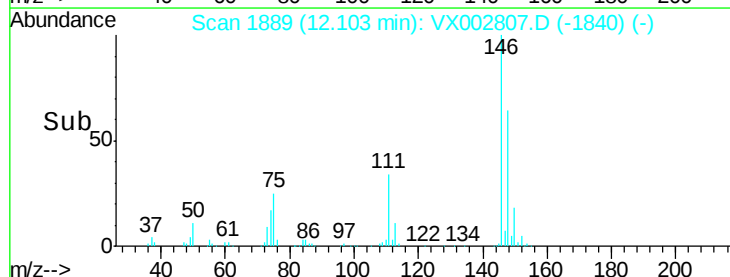
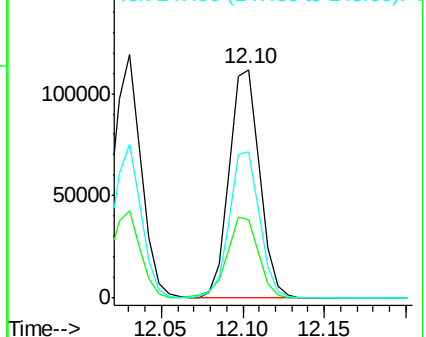
146 100

111 36.8 18.7 56.1

148 63.7 32.4 97.0



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

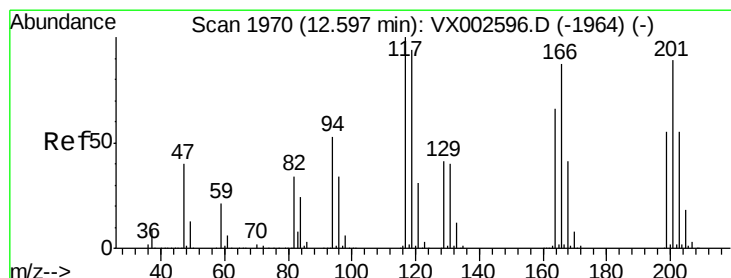
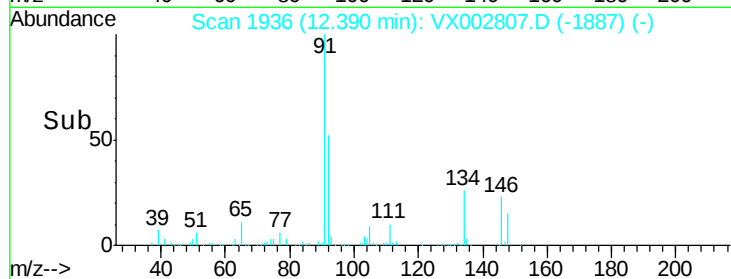
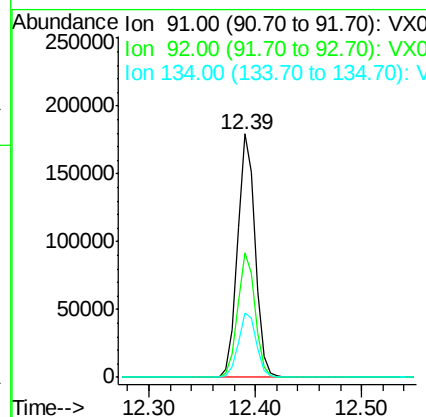
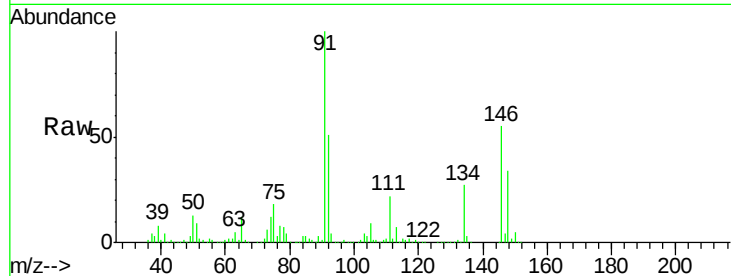




#89
n-Butylbenzene
Concen: 19.57 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

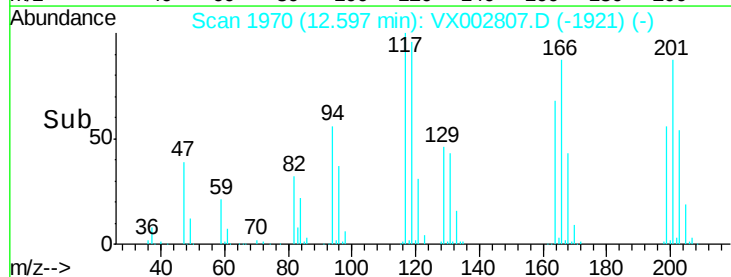
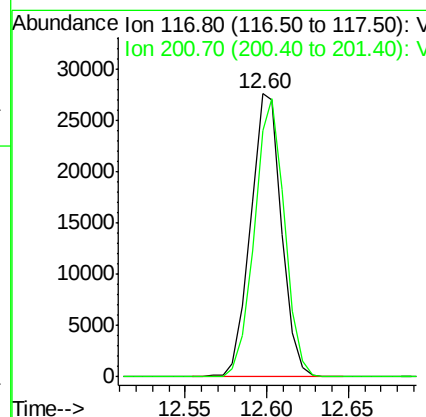
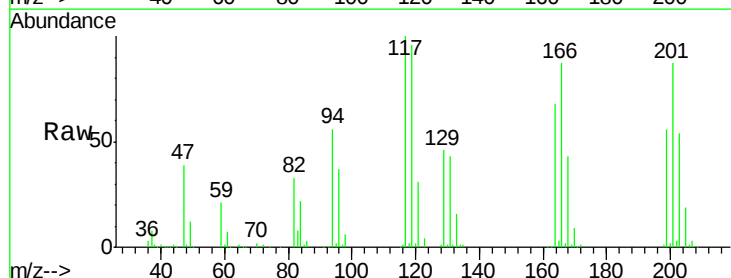
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 208014
Ion Ratio Lower Upper
91 100
92 50.7 26.0 78.0
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 21.03 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 117 Resp: 36479
Ion Ratio Lower Upper
117 100
201 95.1 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 21.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

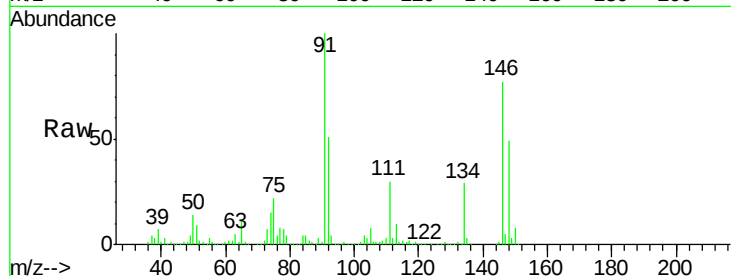
Tot Ion:146 Resp: 144518

Ion Ratio Lower Upper

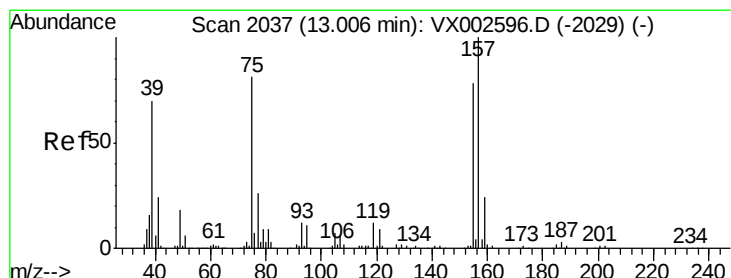
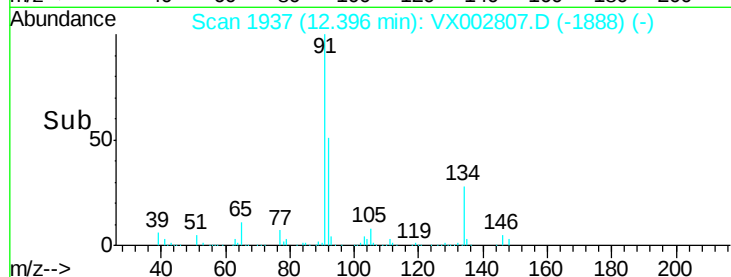
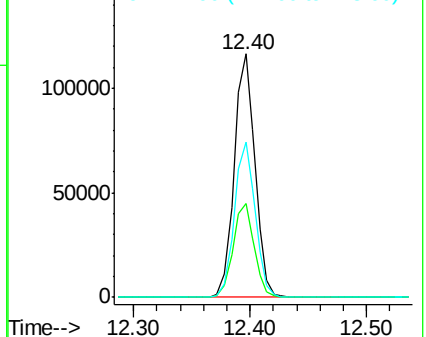
146 100

111 39.0 19.4 58.1

148 63.9 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.46 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

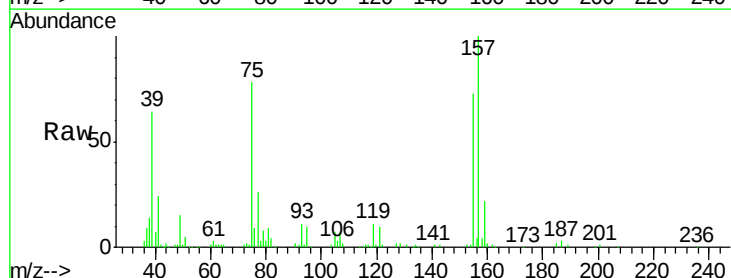
Tgt Ion: 75 Resp: 19084

Ion Ratio Lower Upper

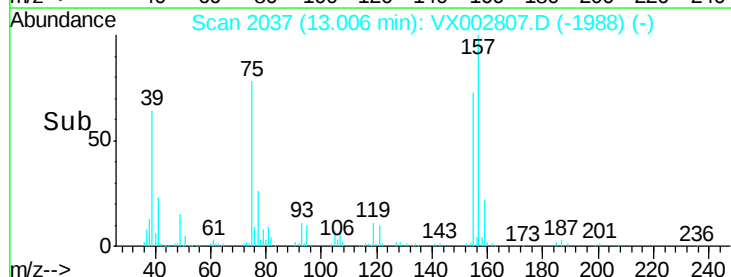
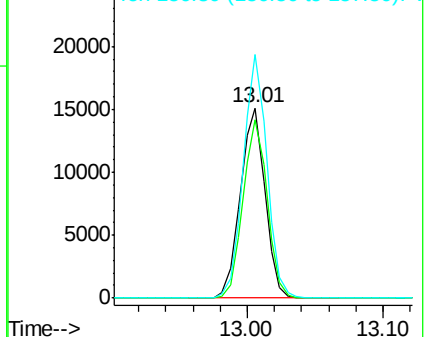
75 100

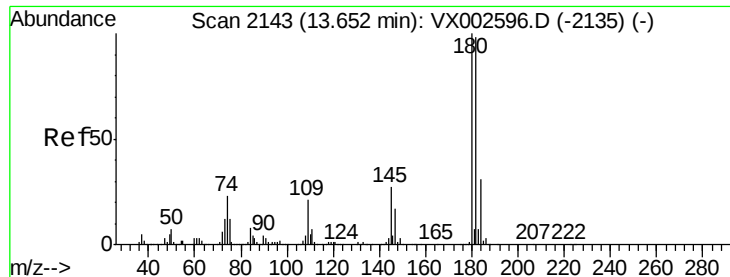
155 91.6 45.8 137.4

157 122.6 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

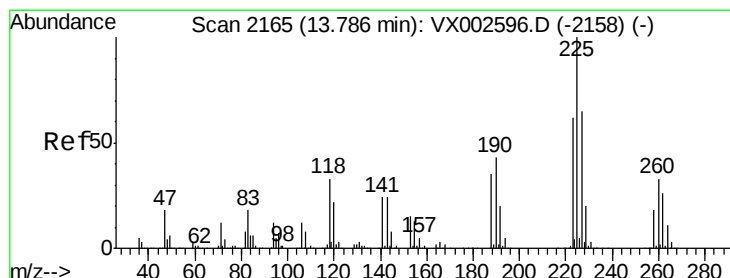
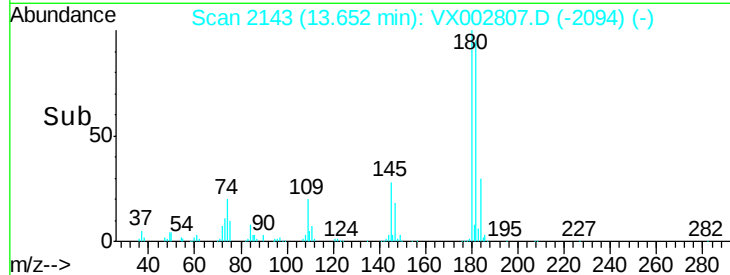
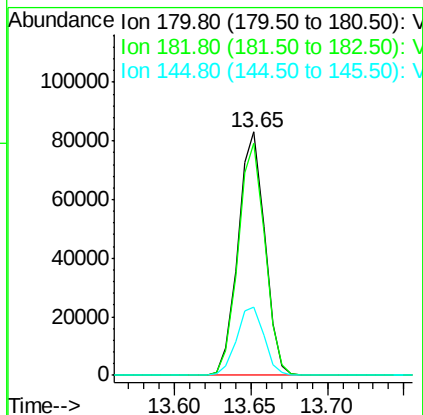
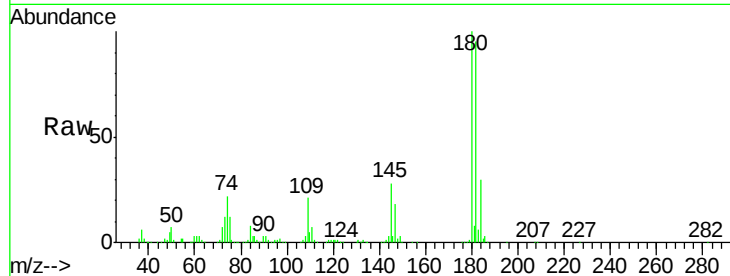




#93
 1,2,4-Trichlorobenzene
 Concen: 20.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

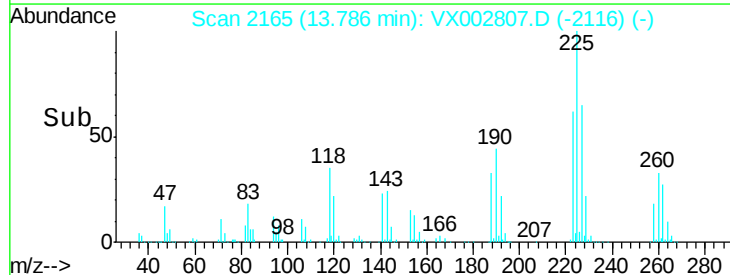
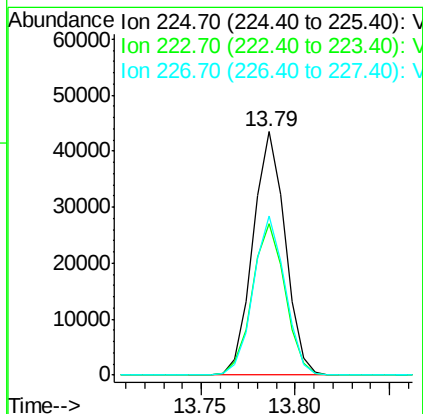
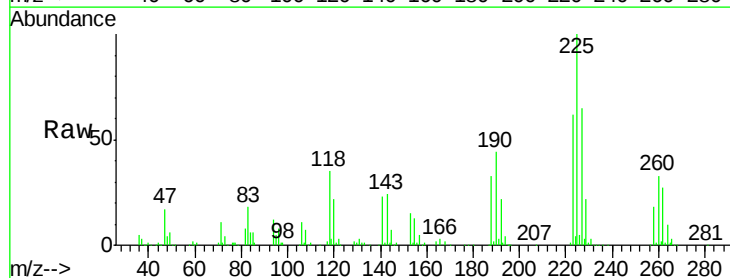
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 100789
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion:225 Resp: 51666
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 22.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

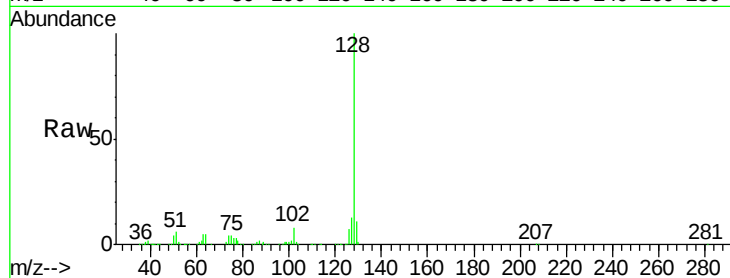
Tot Ion:128 Resp: 292624

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

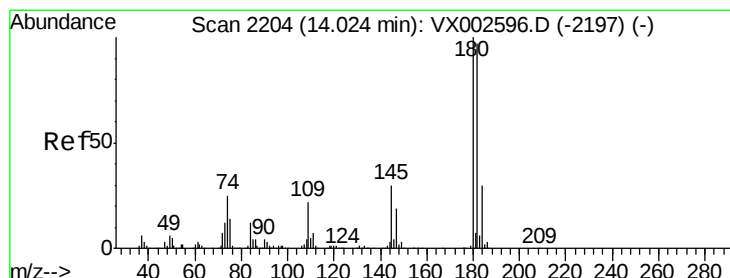
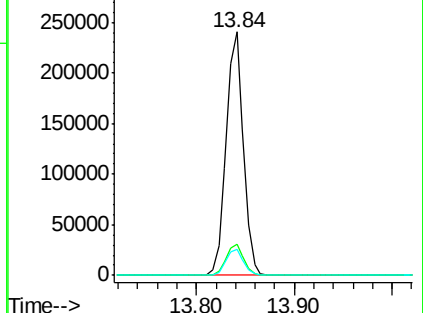
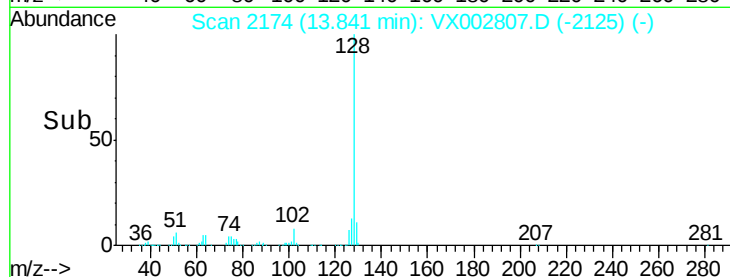
129 10.8 8.6 13.0



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: 21.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

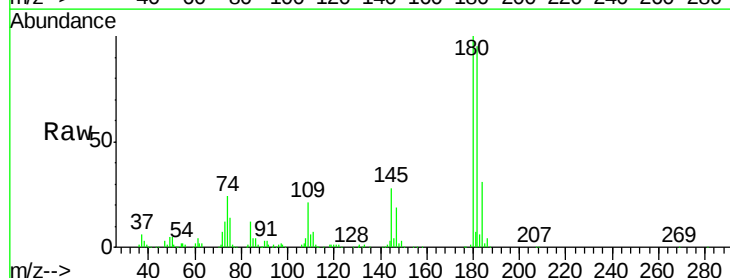
Tgt Ion:180 Resp: 105348

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 29.0 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

