

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002735.D
 Acq On : 20 Jun 2018 12:22
 Operator : JC/MD
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:55:20 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	284175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234593	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	193592	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
35) Dibromofluoromethane	5.50	113	154378	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	8.72	98	571010	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	216875	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55993	18.56	ug/l	100
3) Chloromethane	1.32	50	58294	16.24	ug/l	99
4) Vinyl Chloride	1.40	62	64343	17.28	ug/l	97
5) Bromomethane	1.64	94	35312	15.72	ug/l	96
6) Chloroethane	1.73	64	42217	17.20	ug/l	98
7) Trichlorofluoromethane	1.93	101	110813	18.32	ug/l	96
8) Diethyl Ether	2.19	74	38369	16.67	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63705	18.84	ug/l	99
10) Methyl Iodide	2.51	142	46619	14.34	ug/l	99
11) Tert butyl alcohol	3.07	59	72423	81.13	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55271	17.41	ug/l	95
13) Acrolein	2.29	56	36578	91.86	ug/l	100
14) Allyl chloride	2.73	41	106522	16.90	ug/l	98
15) Acrylonitrile	3.15	53	159130	81.69	ug/l	100
16) Acetone	2.45	43	176332	92.55	ug/l	99
17) Carbon Disulfide	2.57	76	139396	18.51	ug/l	98
18) Methyl Acetate	2.78	43	86086	16.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	196406	16.49	ug/l	100
20) Methylene Chloride	2.86	84	60978	15.61	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57568	16.71	ug/l	99
22) Diisopropyl ether	3.87	45	206631	18.12	ug/l	96
23) Vinyl Acetate	3.82	43	889755	93.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	112393	18.15	ug/l	100
25) 2-Butanone	4.71	43	229139	91.58	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84081	18.90	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62978	17.97	ug/l	96
28) Bromochloromethane	5.03	49	53651	18.51	ug/l	94
29) Tetrahydrofuran	5.16	42	140715	85.81	ug/l	98
30) Chloroform	5.22	83	109126	18.28	ug/l	100
31) Cyclohexane	5.57	56	94286	18.50	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	96492	19.33	ug/l	100
36) 1,1-Dichloropropene	5.80	75	80631	19.68	ug/l	99
37) Ethyl Acetate	4.86	43	86581	18.67	ug/l	99
38) Carbon Tetrachloride	5.78	117	85424	20.94	ug/l	97

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Quant Time: Jun 21 03:55:20 2018
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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	97188	20.30	ug/l	98
40) Benzene	6.15	78	235032	19.14	ug/l	99
41) Methacrylonitrile	5.06	41	49479	18.90	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91579	19.26	ug/l	100
43) Isopropyl Acetate	6.46	43	141144	18.37	ug/l	100
44) Trichloroethene	7.21	130	68883	19.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61493	19.02	ug/l	99
46) Dibromomethane	7.67	93	43043	19.91	ug/l	99
47) Bromodichloromethane	7.90	83	77871	20.42	ug/l	100
48) Methyl methacrylate	7.78	41	73650	18.76	ug/l	99
49) 1,4-Dioxane	7.76	88	27236	366.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	458616	92.99	ug/l	99
52) Toluene	8.79	92	153971	19.65	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90202	19.41	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	82544	19.25	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61710	19.49	ug/l	97
56) Ethyl methacrylate	9.18	69	90707	18.62	ug/l	98
57) 1,3-Dichloropropane	9.37	76	102030	19.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	169861	72.08	ug/l	99
59) 2-Hexanone	9.50	43	356117	95.82	ug/l	98
60) Dibromochloromethane	9.59	129	61553	19.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65208	19.89	ug/l	99
64) Tetrachloroethene	9.34	164	78069	19.09	ug/l	98
65) Chlorobenzene	10.14	112	179174	19.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63240	20.50	ug/l	99
67) Ethyl Benzene	10.26	91	301143	19.73	ug/l	100
68) m/p-Xylenes	10.36	106	233258	39.62	ug/l	100
69) o-Xylene	10.70	106	111775	19.32	ug/l	99
70) Styrene	10.71	104	187209	19.68	ug/l	99
71) Bromoform	10.86	173	45965	19.62	ug/l #	99
73) Isopropylbenzene	11.02	105	306911	19.56	ug/l	100
74) N-amyl acetate	6.46	43	141144	18.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91012	19.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	101887	23.02	ug/l	80
77) Bromobenzene	11.26	156	84052	19.23	ug/l	98
78) n-propylbenzene	11.36	91	353500	19.65	ug/l	99
79) 2-Chlorotoluene	11.42	91	206289	19.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	260870	19.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23109	19.49	ug/l	93
82) 4-Chlorotoluene	11.51	91	248509	19.60	ug/l	100
83) tert-Butylbenzene	11.77	119	250757	19.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	269339	19.91	ug/l	99
85) sec-Butylbenzene	11.95	105	316207	19.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	285749	19.88	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	156348	19.50	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160784	19.71	ug/l	99
89) n-Butylbenzene	12.39	91	248579	19.61	ug/l	100
90) Hexachloroethane	12.60	117	38528	18.92	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154883	19.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19760	20.36	ug/l	96

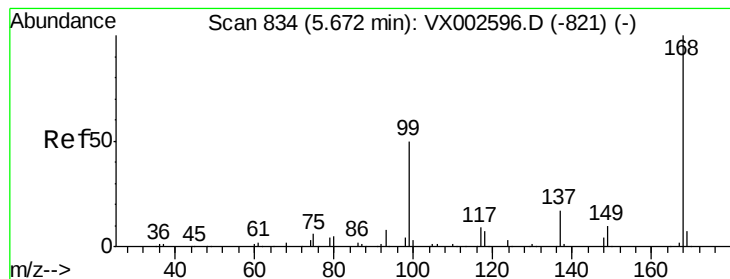
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115989	19.81	ug/l	100
94) Hexachlorobutadiene	13.79	225	61430	19.92	ug/l	98
95) Naphthalene	13.84	128	313127	19.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116435	19.80	ug/l	100

(#) = 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: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

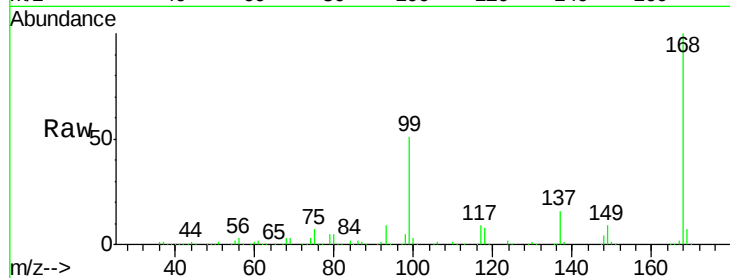
ClientSampled :

Tot Ion:168 Resp: 284175

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

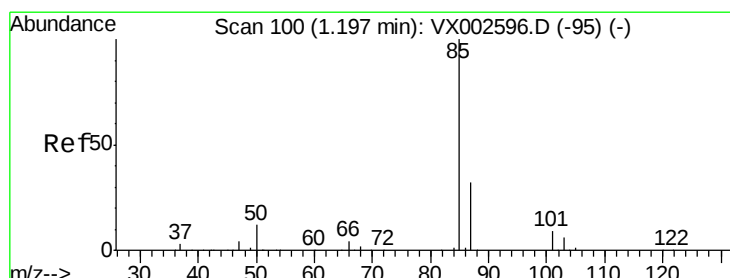
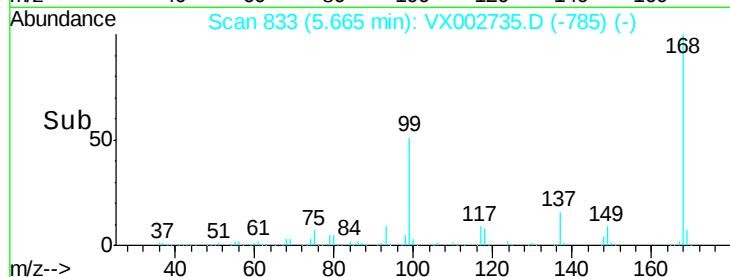
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002735.D

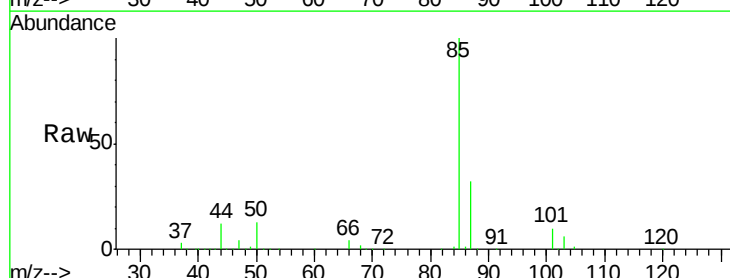
Acq: 20 Jun 2018 12:22

Tgt Ion: 85 Resp: 55993

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

40000

20000

0

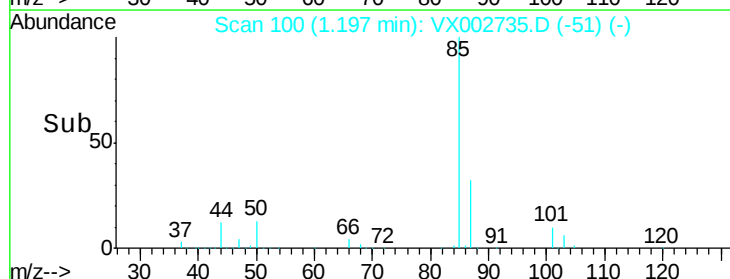
1.15

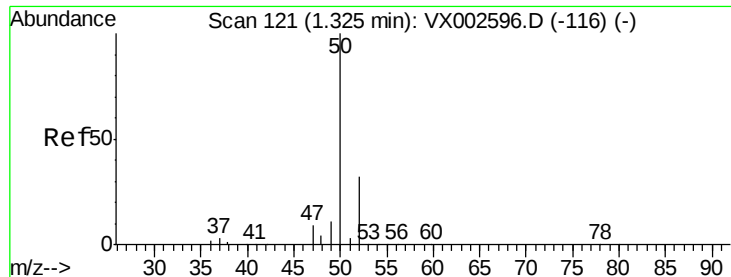
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 16.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

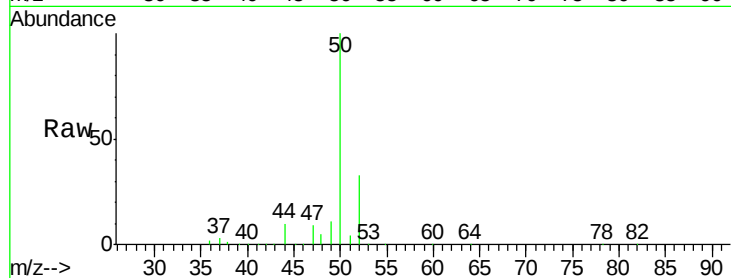
ClientSampleId :

Tot Ion: 50 Resp: 58294

Ion Ratio Lower Upper

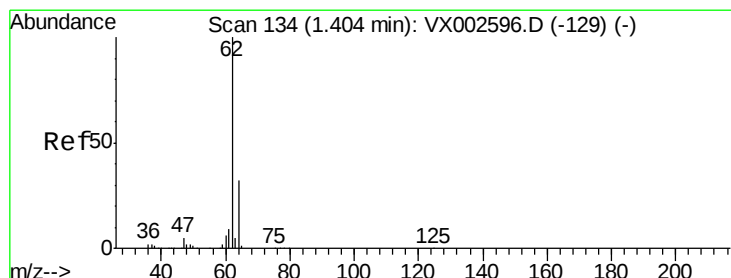
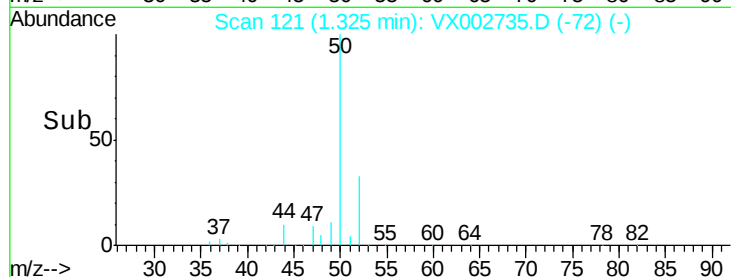
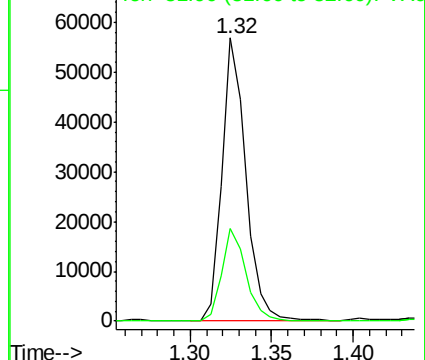
50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002735.D

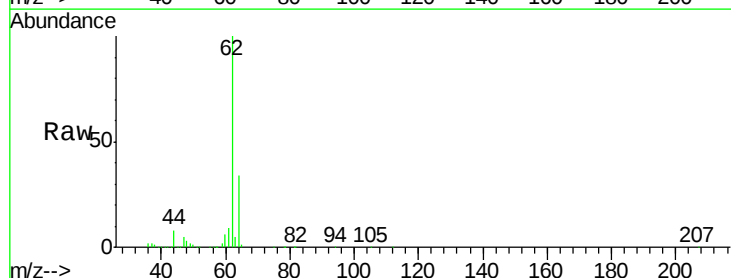
Acq: 20 Jun 2018 12:22

Tgt Ion: 62 Resp: 64343

Ion Ratio Lower Upper

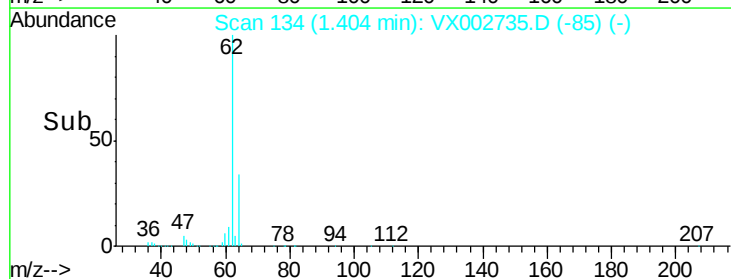
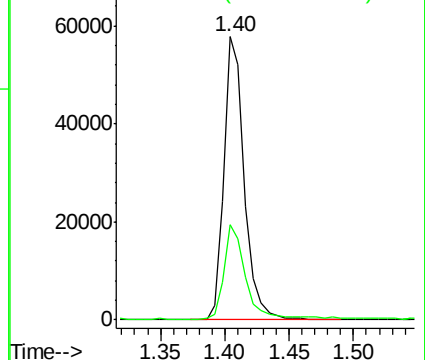
62 100

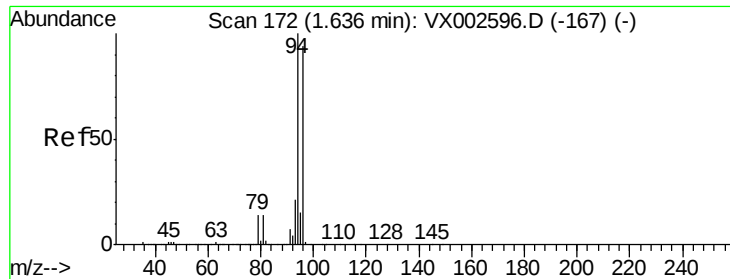
64 33.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.72 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

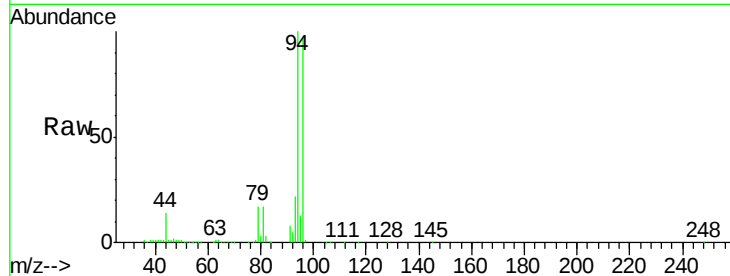
ClientSampleId :

Tot Ion: 94 Resp: 35312

Ion Ratio Lower Upper

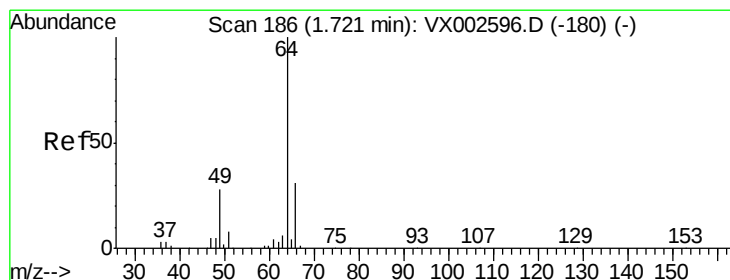
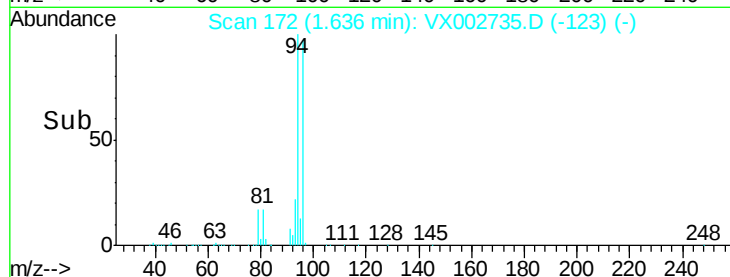
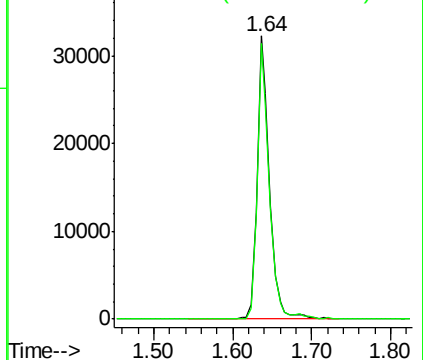
94 100

96 97.3 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: 17.20 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002735.D

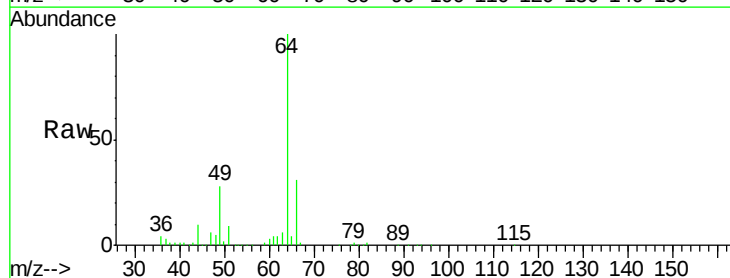
Acq: 20 Jun 2018 12:22

Tgt Ion: 64 Resp: 42217

Ion Ratio Lower Upper

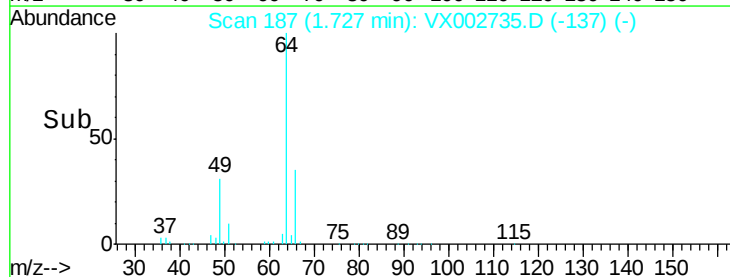
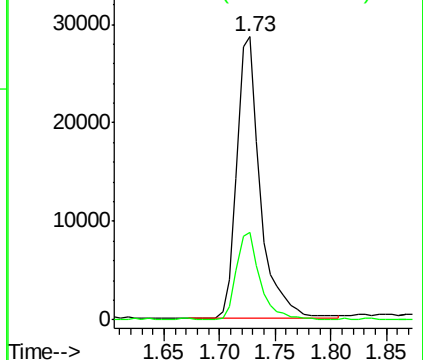
64 100

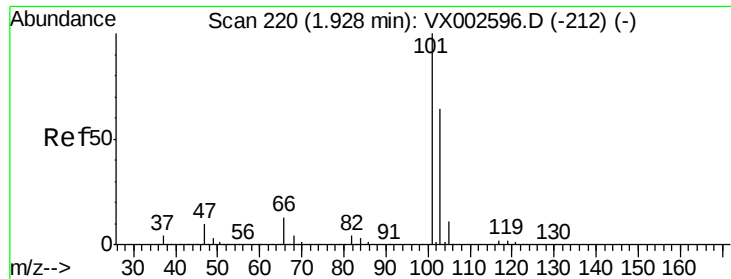
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



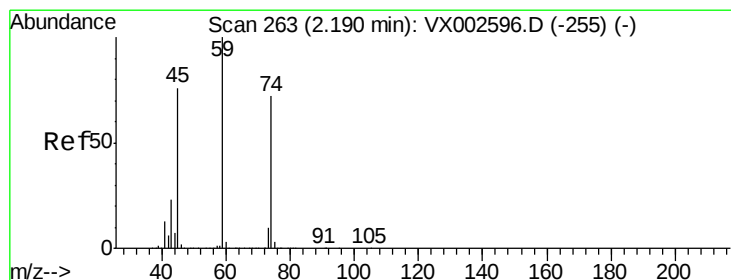
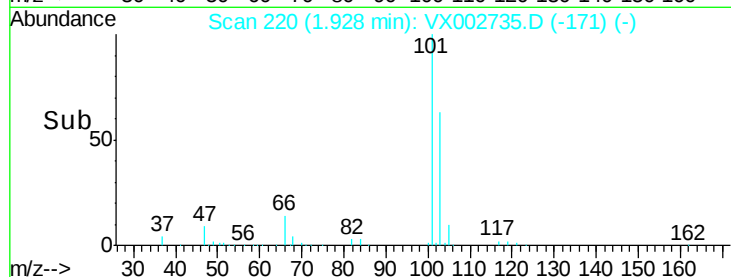
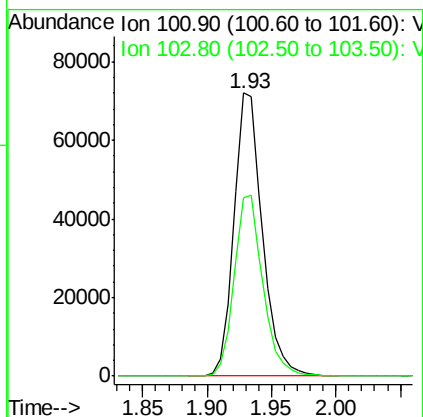
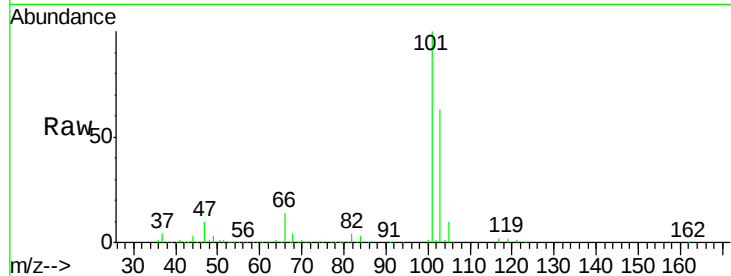


#7

Trichlorofluoromethane
 Concen: 18.32 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampled :

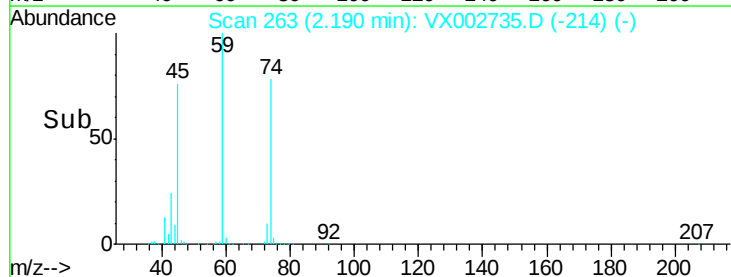
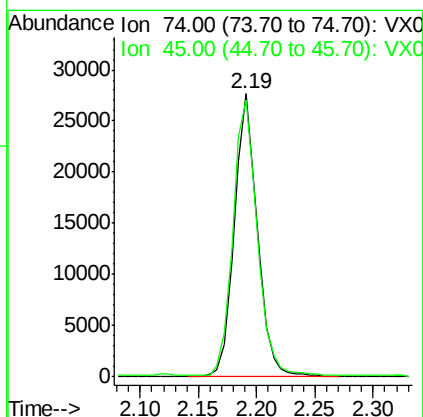
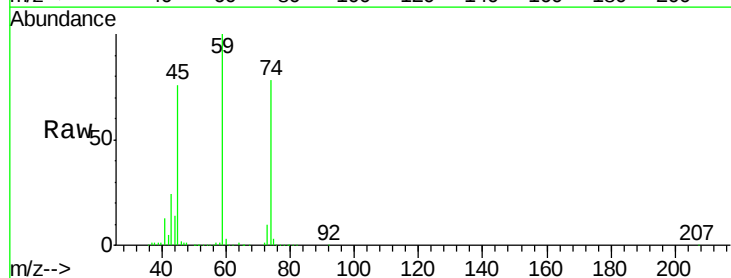
Tot Ion:101 Resp: 110813
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.8 79.2

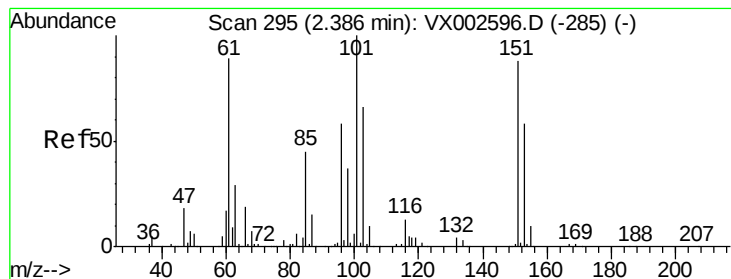


#8

Diethyl Ether
 Concen: 16.67 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion: 74 Resp: 38369
 Ion Ratio Lower Upper
 74 100
 45 102.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

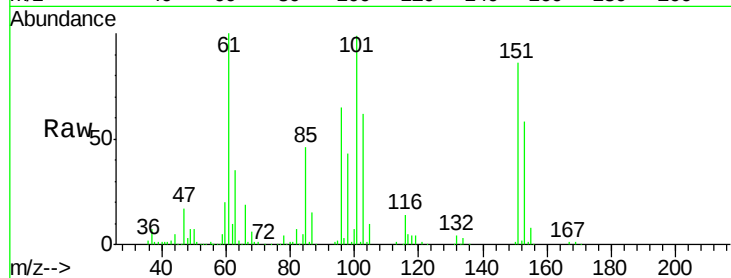
Tot Ion:101 Resp: 63705

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

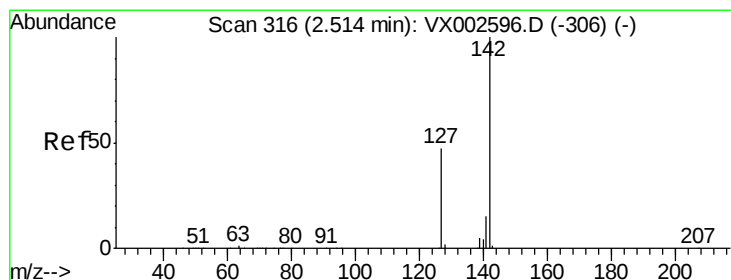
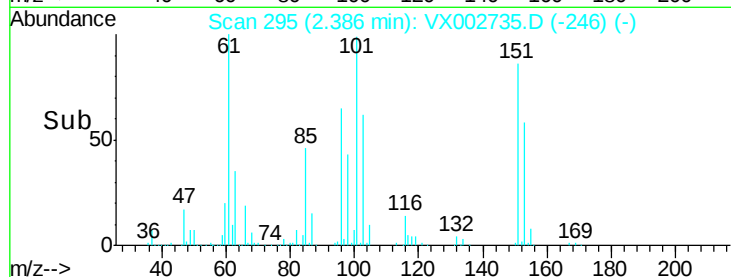
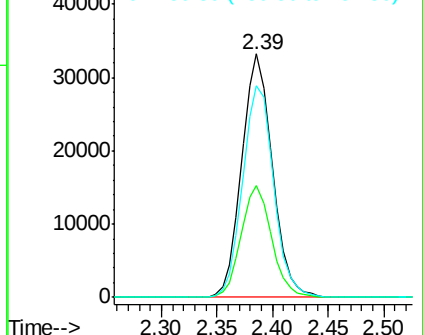
151 88.3 70.9 106.3



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: 14.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

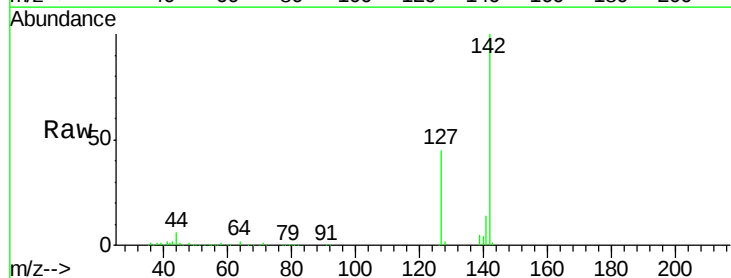
Tgt Ion:142 Resp: 46619

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

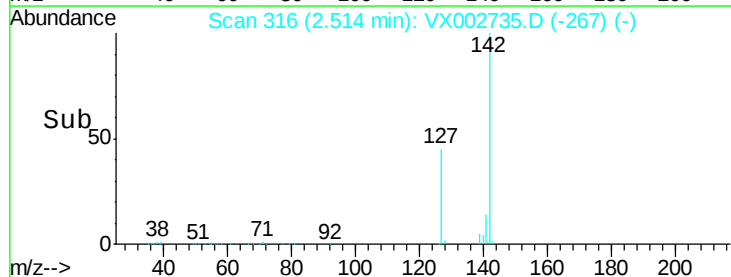
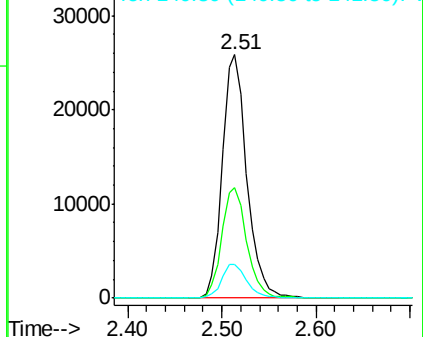
141 14.4 11.3 16.9

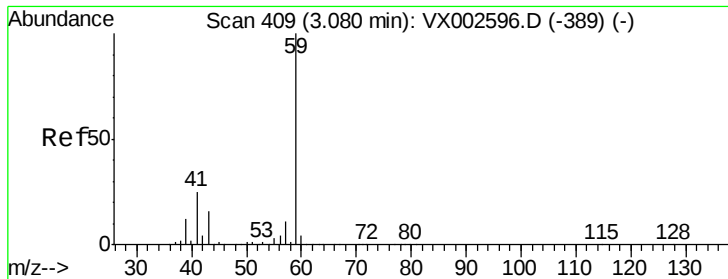


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



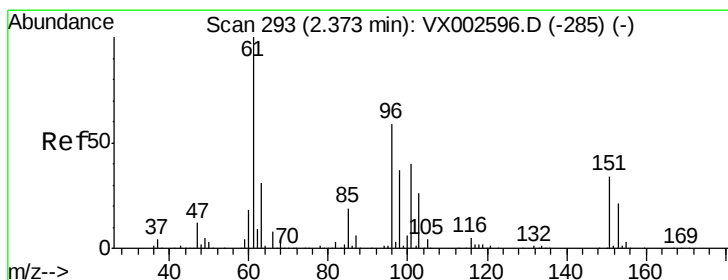
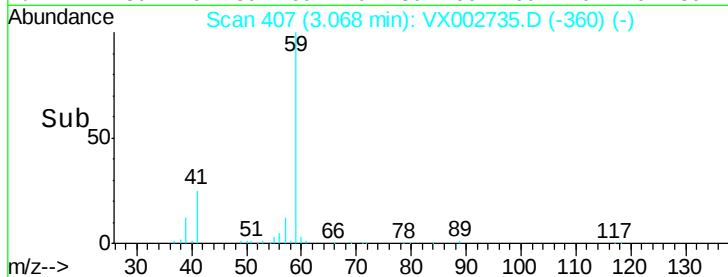
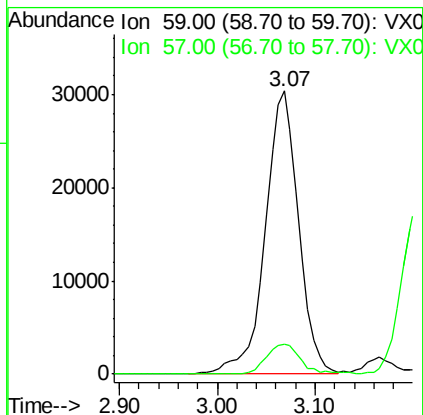
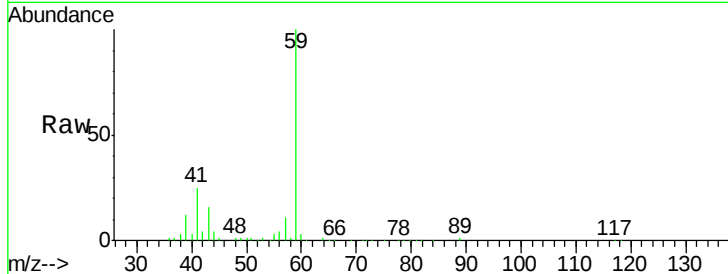


#11

Tert butyl alcohol
 Concen: 81.13 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampled :

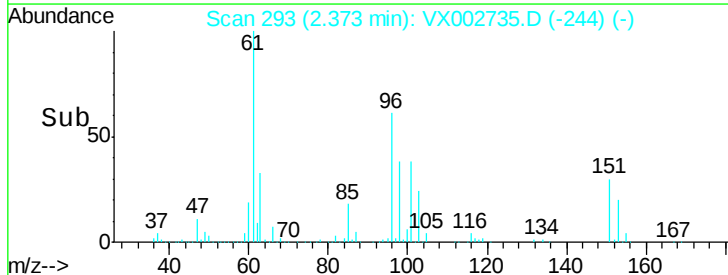
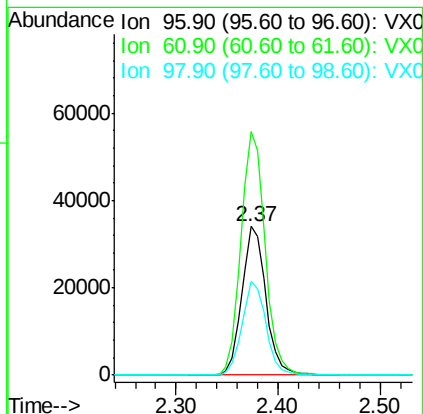
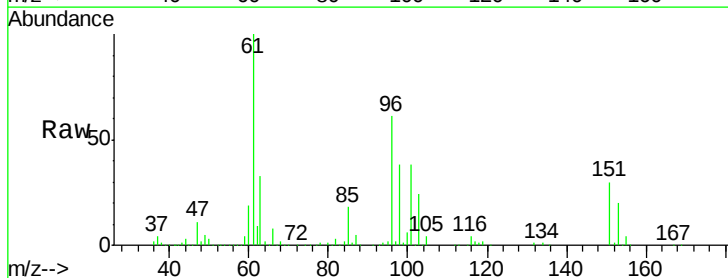
Tot Ion: 59 Resp: 72423
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.2

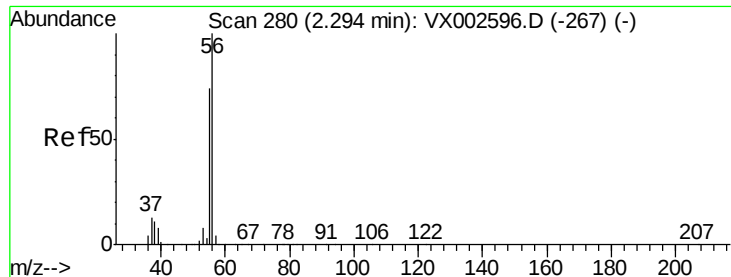


#12

1,1-Dichloroethene
 Concen: 17.41 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion: 96 Resp: 55271
 Ion Ratio Lower Upper
 96 100
 61 163.7 137.9 206.9
 98 62.7 51.6 77.4





#13

Acrolein

Concen: 91.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

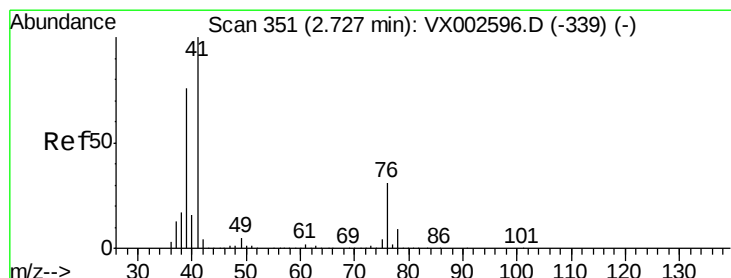
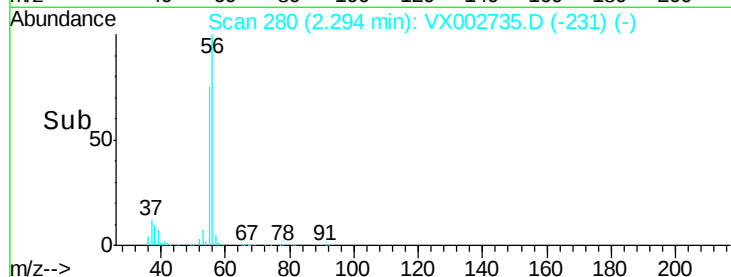
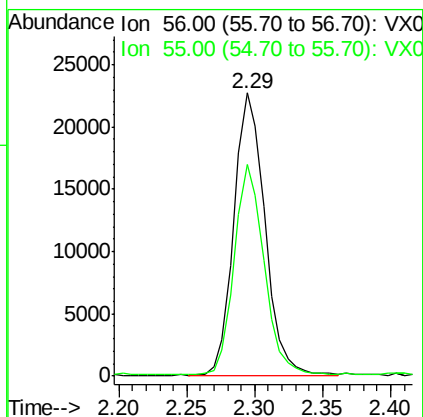
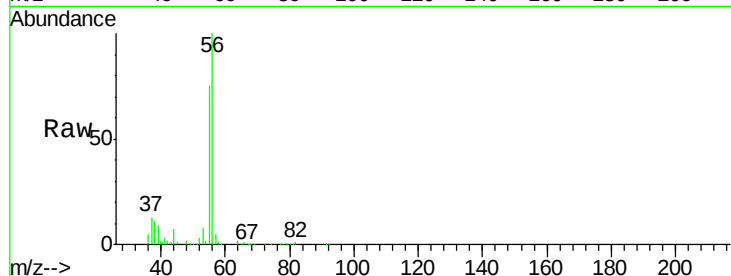
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 36578

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 16.90 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

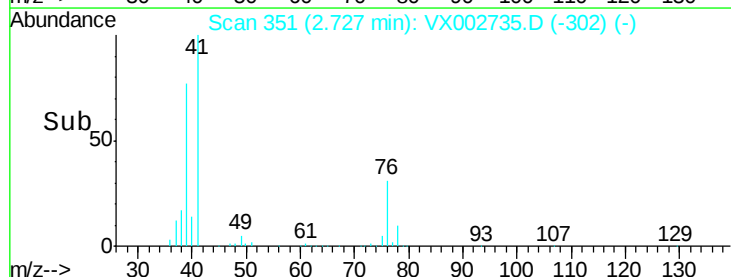
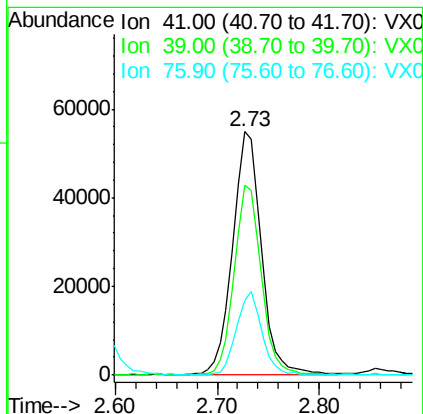
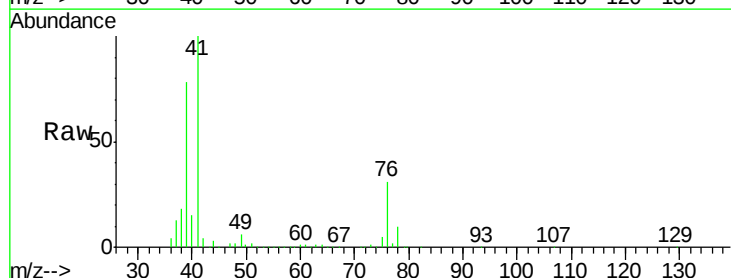
Tgt Ion: 41 Resp: 106522

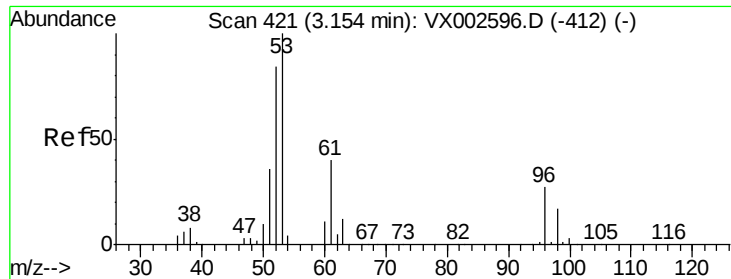
Ion Ratio Lower Upper

41 100

39 72.6 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 81.69 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

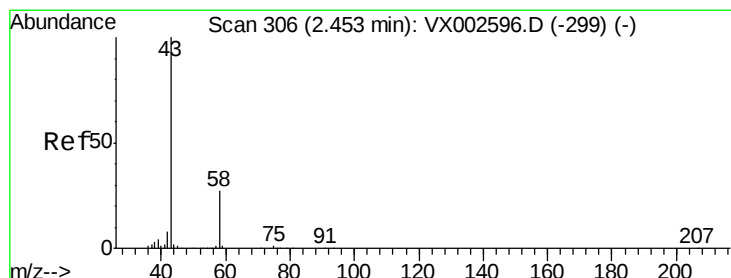
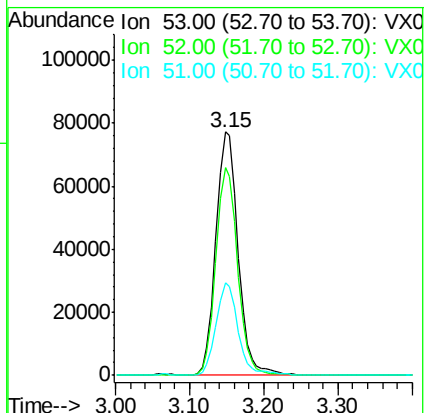
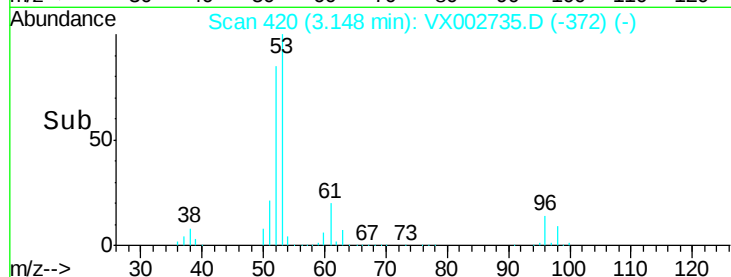
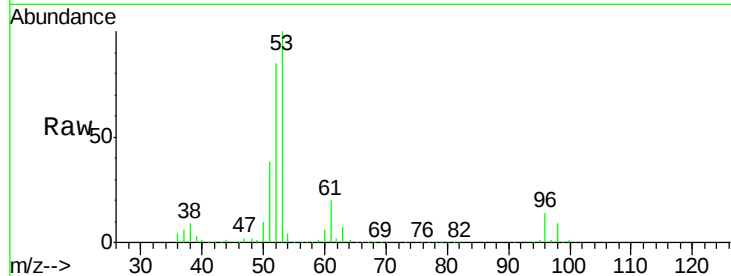
Tot Ion: 53 Resp: 159130

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

51 37.3 29.9 44.9



#16

Acetone

Concen: 92.55 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002735.D

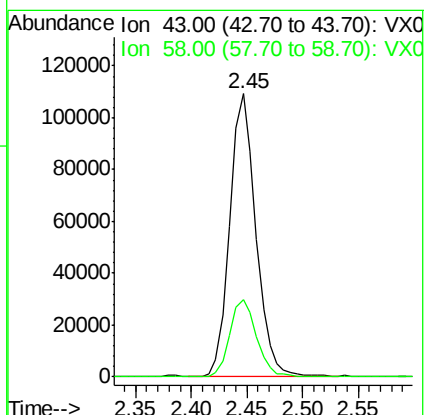
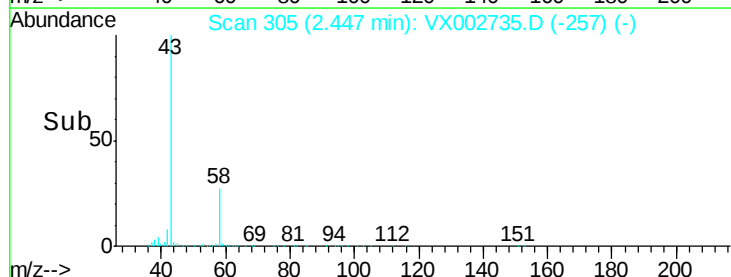
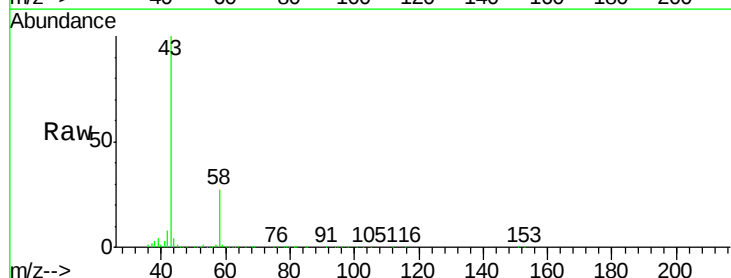
Acq: 20 Jun 2018 12:22

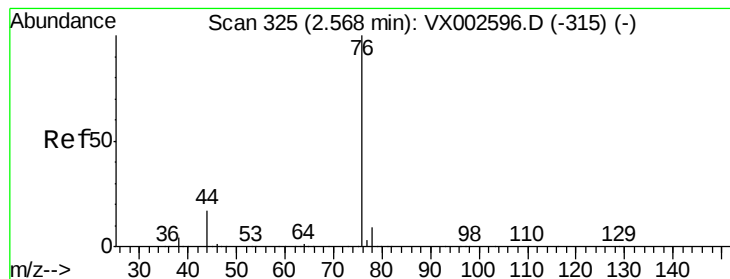
Tgt Ion: 43 Resp: 176332

Ion Ratio Lower Upper

43 100

58 27.2 22.1 33.1





#17

Carbon Disulfide

Concen: 18.51 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

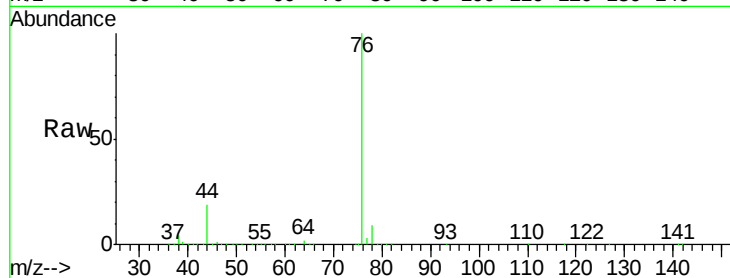
ClientSampleId :

Tot Ion: 76 Resp: 139396

Ion Ratio Lower Upper

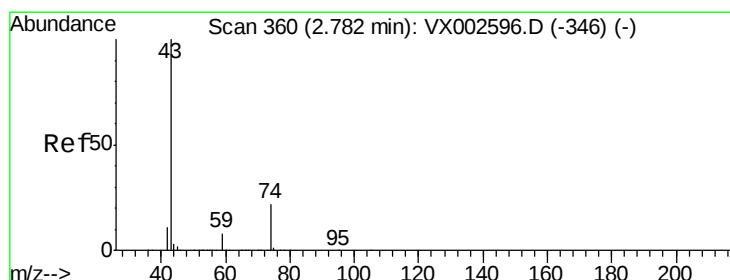
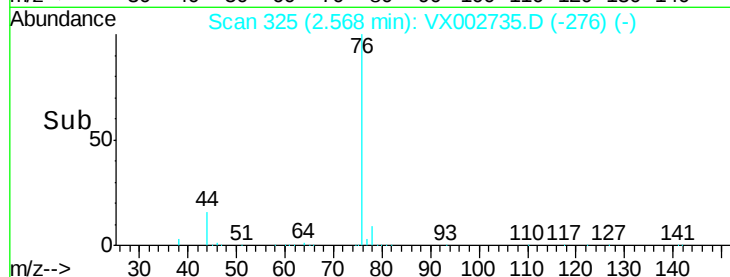
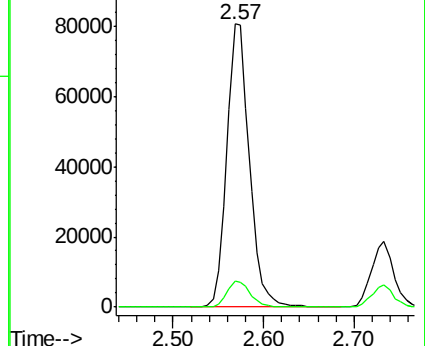
76 100

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



#18

Methyl Acetate

Concen: 16.96 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002735.D

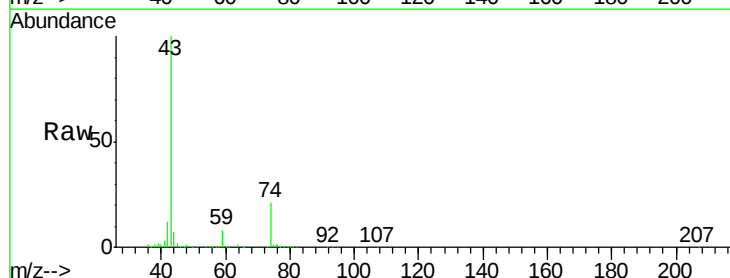
Acq: 20 Jun 2018 12:22

Tgt Ion: 43 Resp: 86086

Ion Ratio Lower Upper

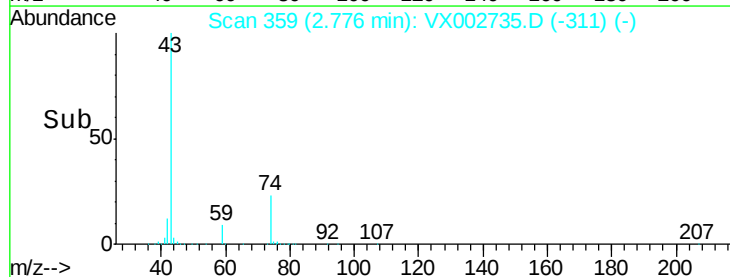
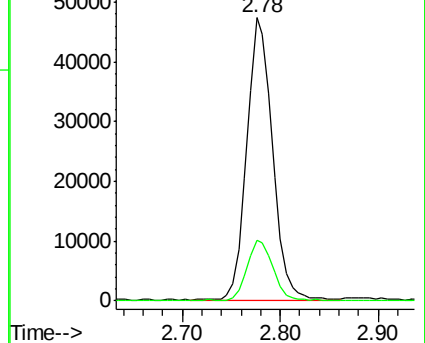
43 100

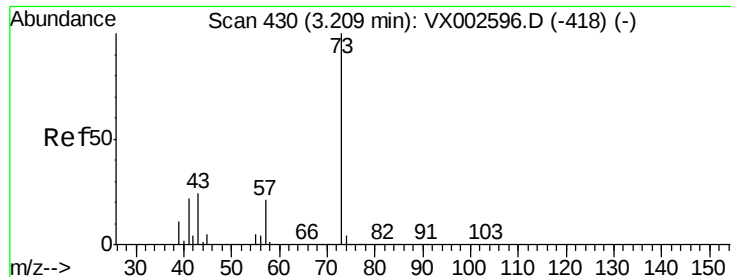
74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



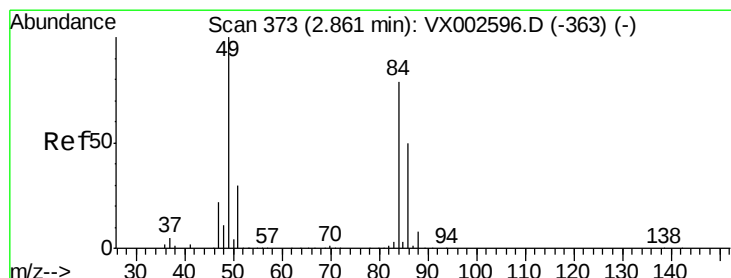
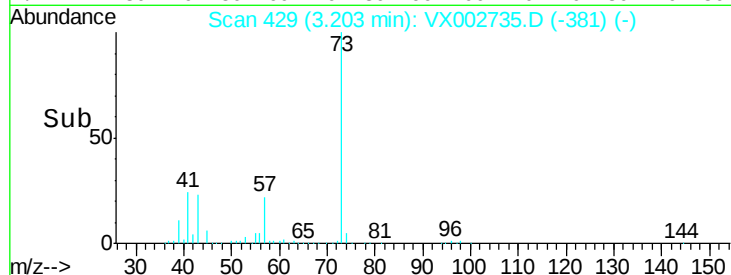
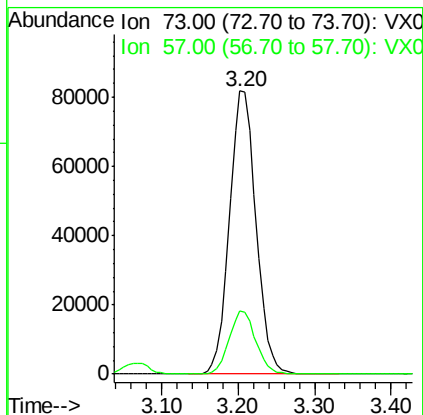
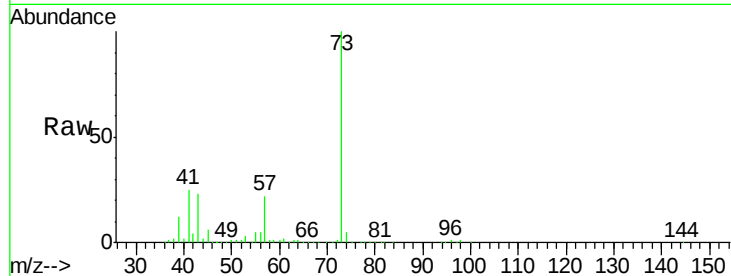


#19

Methyl tert-butyl Ether
 Concen: 16.49 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :

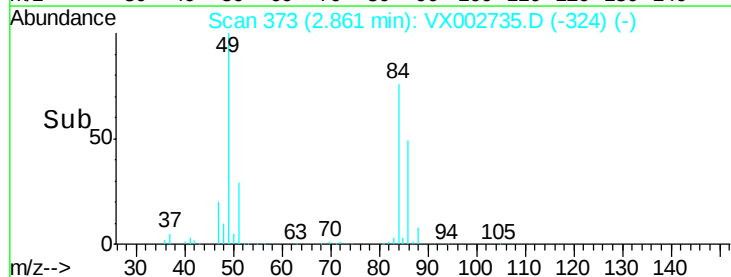
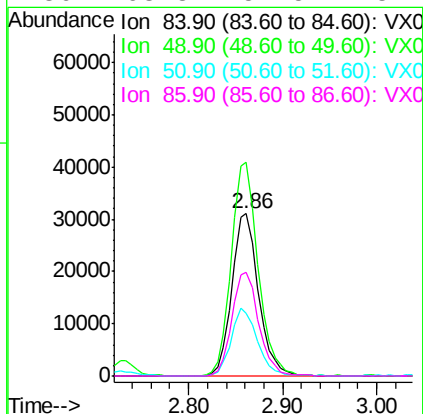
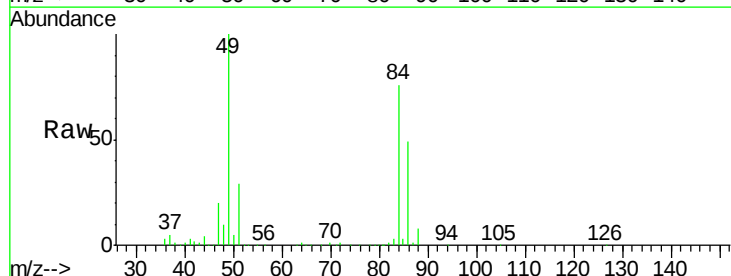
Tot Ion: 73 Resp: 196406
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.7 26.5

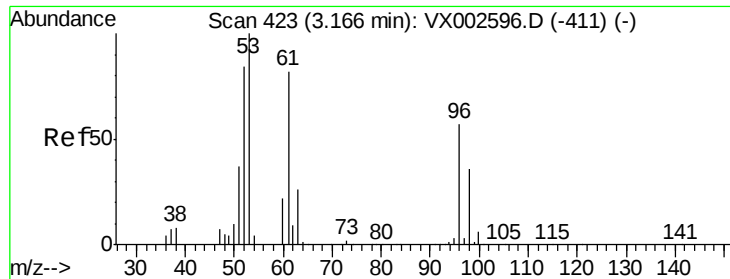


#20

Methylene Chloride
 Concen: 15.61 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion: 84 Resp: 60978
 Ion Ratio Lower Upper
 84 100
 49 131.3 107.8 161.6
 51 38.5 32.8 49.2
 86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :

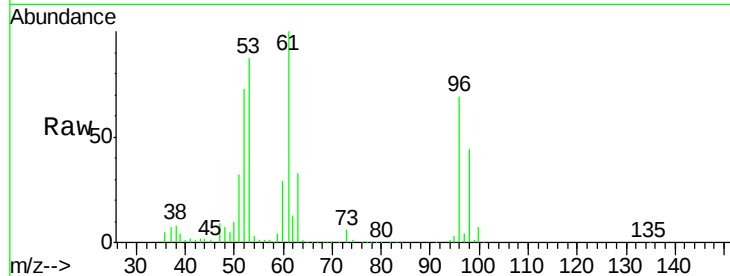
Tot Ion: 96 Resp: 57568

Ion Ratio Lower Upper

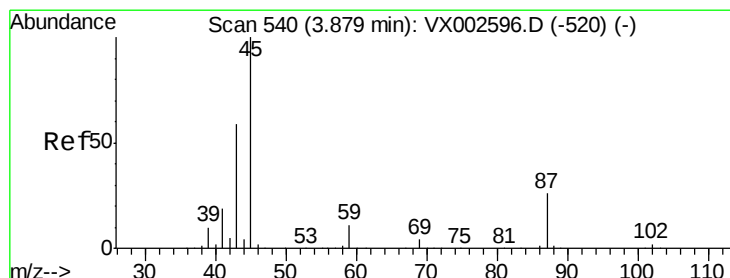
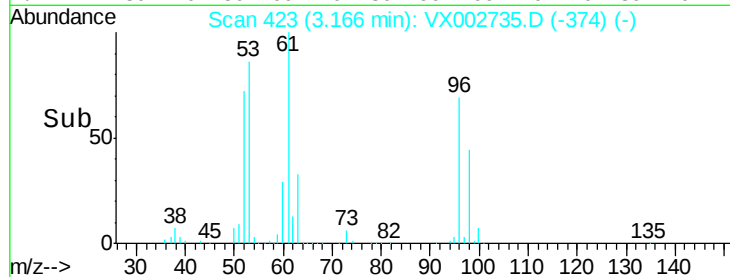
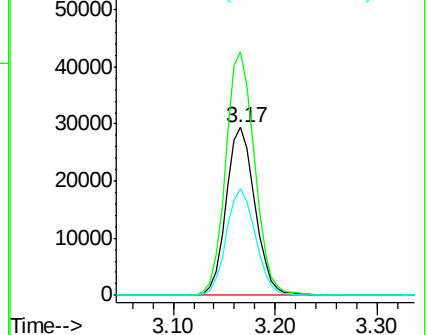
96 100

61 144.8 117.0 175.4

98 63.8 52.4 78.6



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



#22

Diisopropyl ether

Concen: 18.12 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion: 45 Resp: 206631

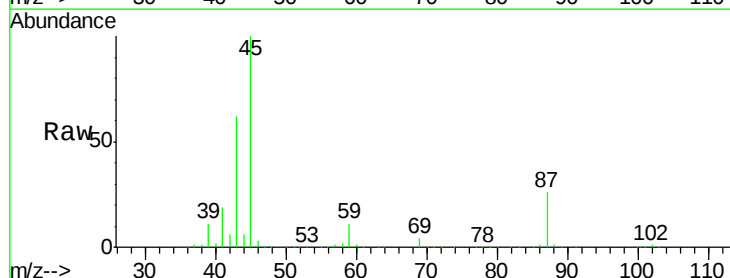
Ion Ratio Lower Upper

45 100

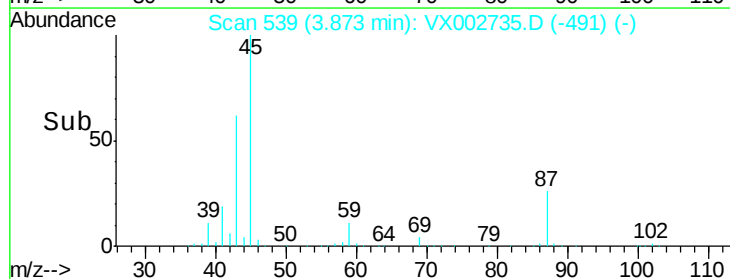
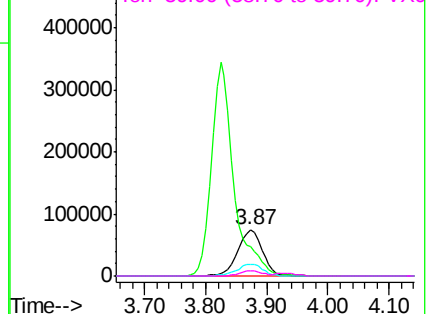
43 62.2 46.8 70.2

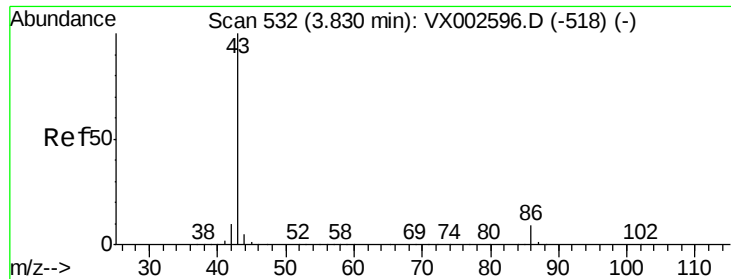
87 26.1 20.2 30.4

59 11.4 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: 93.20 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

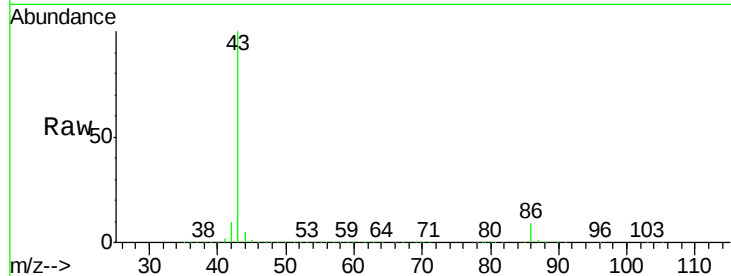
ClientSampleId :

Tot Ion: 43 Resp: 889755

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

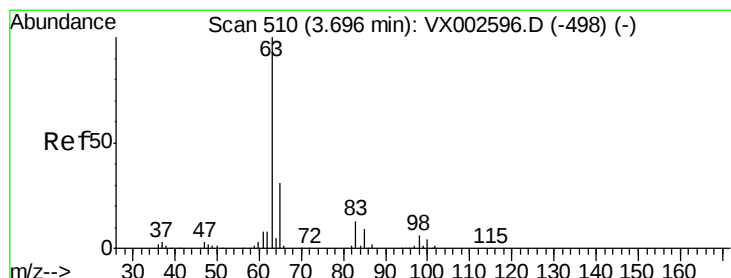
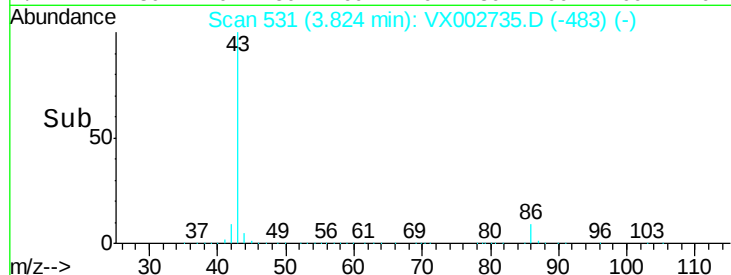
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.15 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

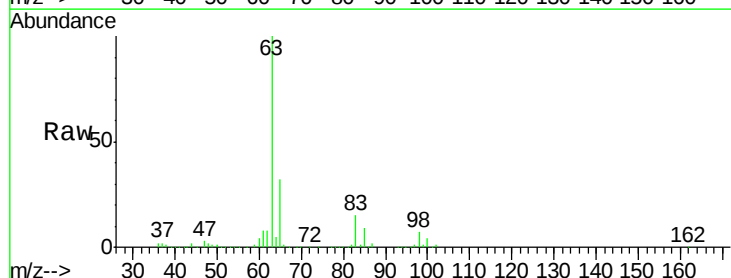
Tgt Ion: 63 Resp: 112393

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 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

60000

50000

40000

30000

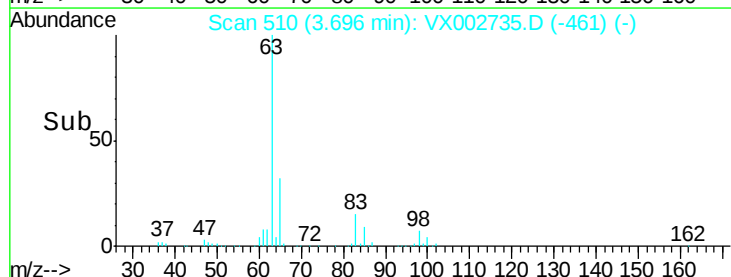
20000

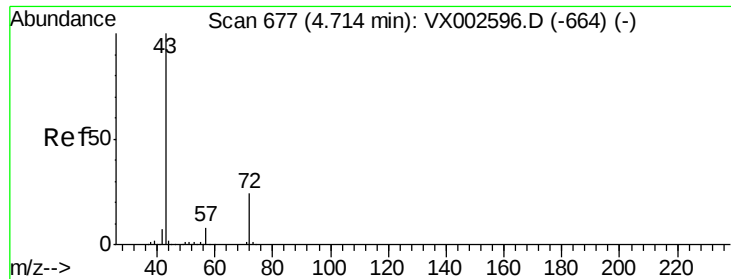
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 91.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

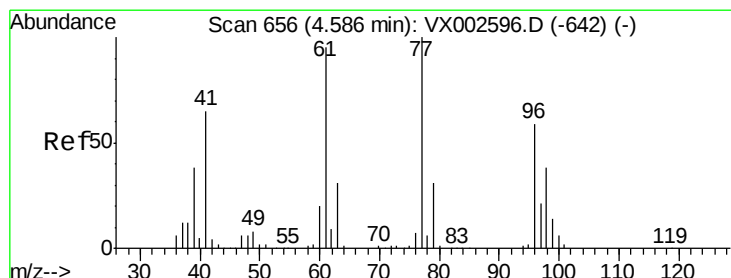
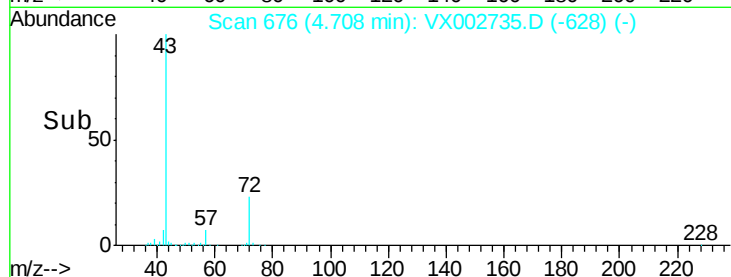
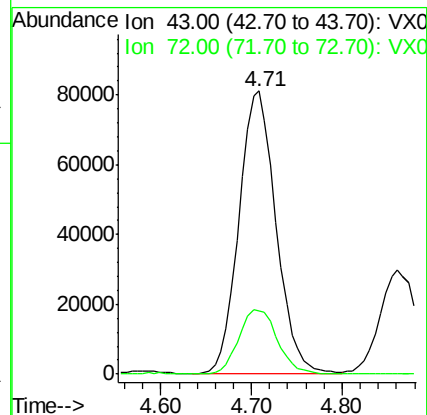
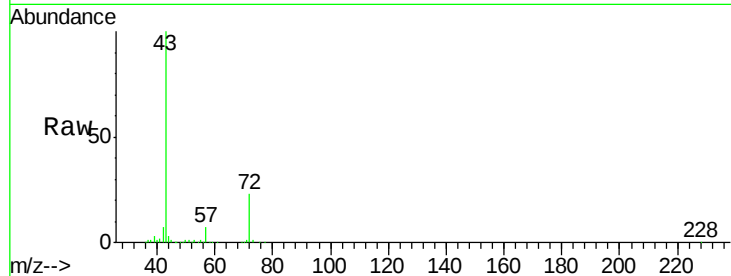
ClientSampled :

Tot Ion: 43 Resp: 229139

Ion Ratio Lower Upper

43 100

72 22.6 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002735.D

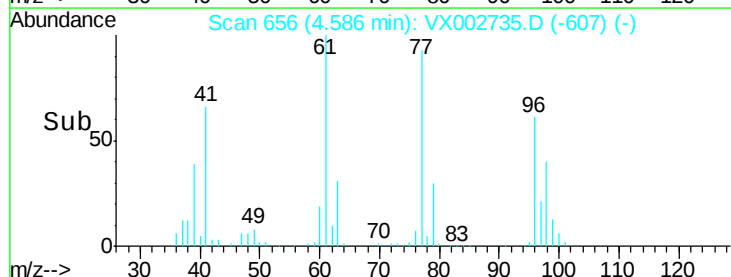
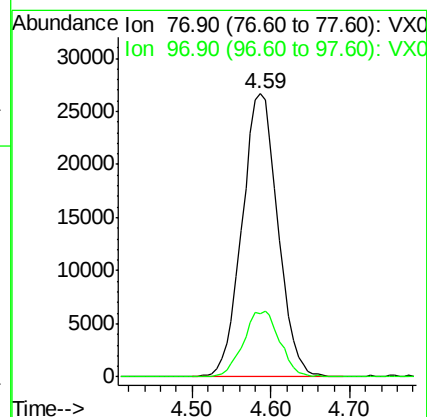
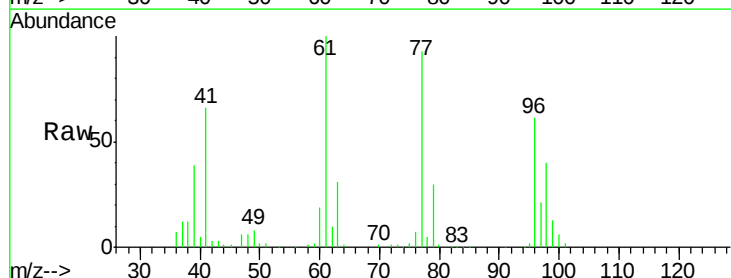
Acq: 20 Jun 2018 12:22

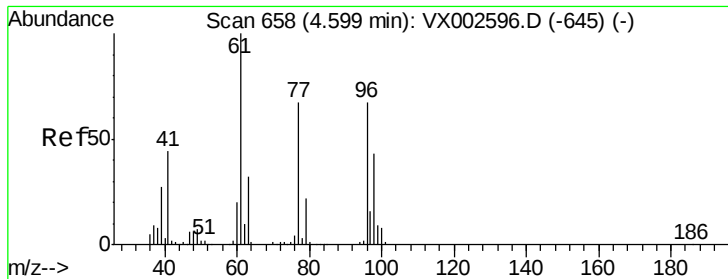
Tgt Ion: 77 Resp: 84081

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5



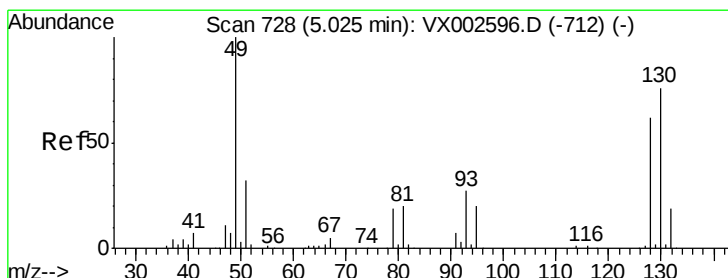
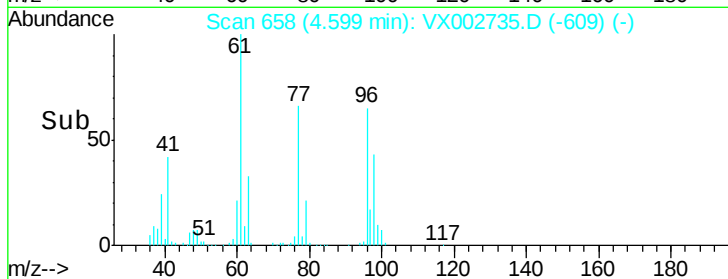
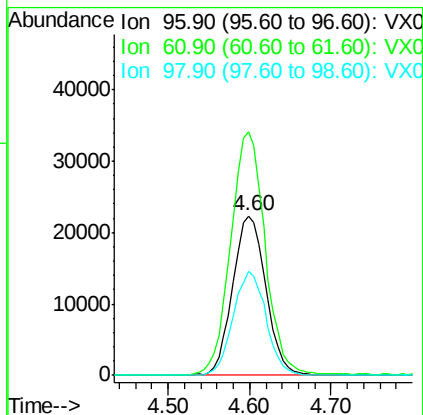
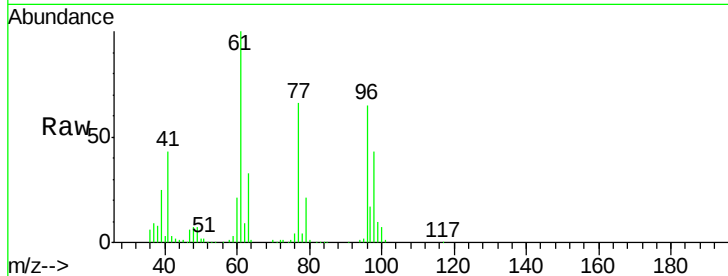


#27

cis-1,2-Dichloroethene
 Concen: 17.97 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampled :

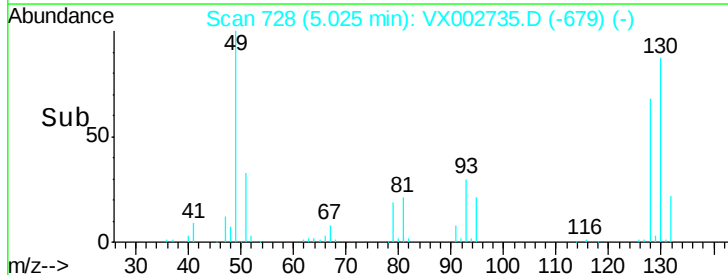
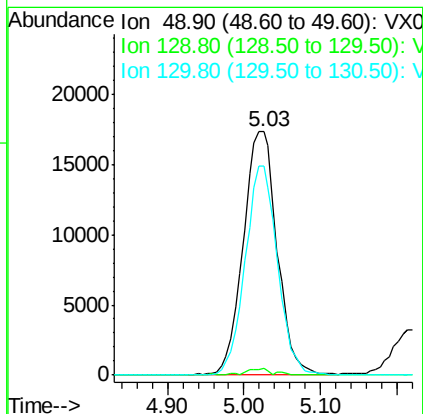
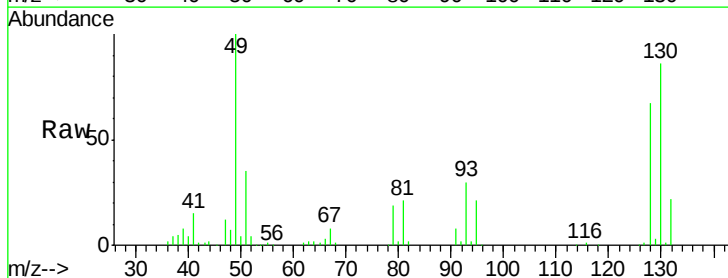
Tot Ion: 96 Resp: 62978
 Ion Ratio Lower Upper
 96 100
 61 158.0 0.0 330.2
 98 64.4 0.0 130.2

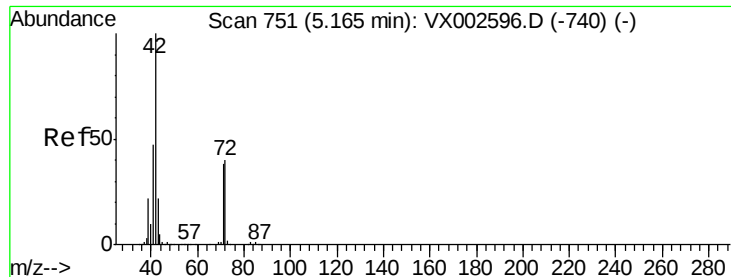


#28

Bromochloromethane
 Concen: 18.51 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion: 49 Resp: 53651
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 81.6 61.2 91.8

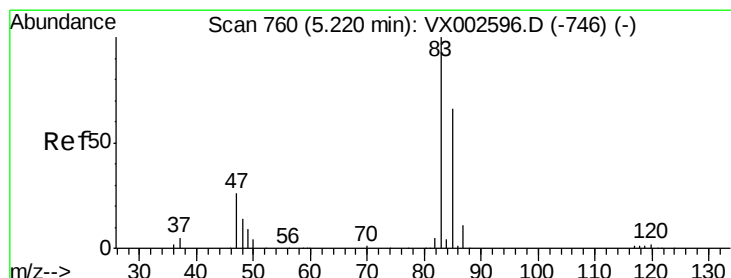
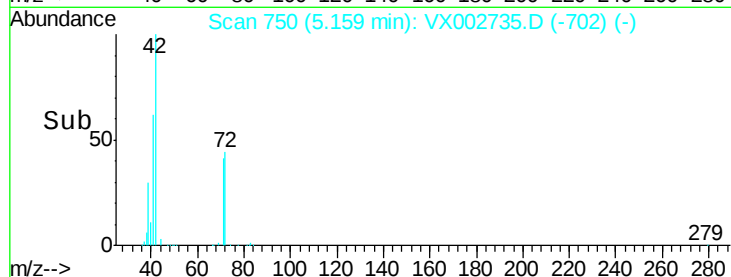
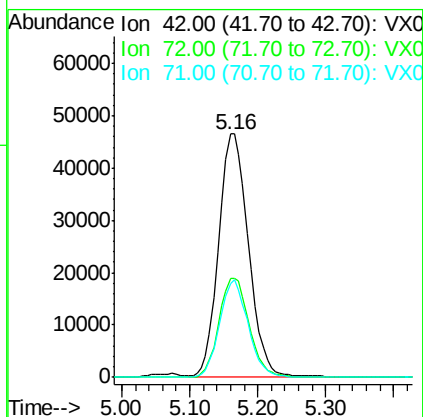
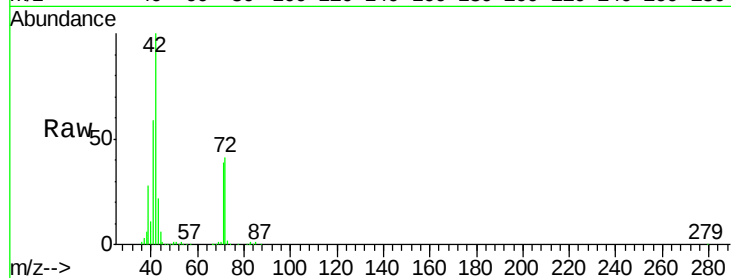




#29
Tetrahydrofuran
Concen: 85.81 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

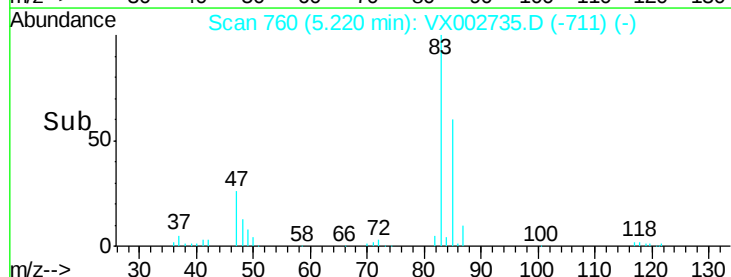
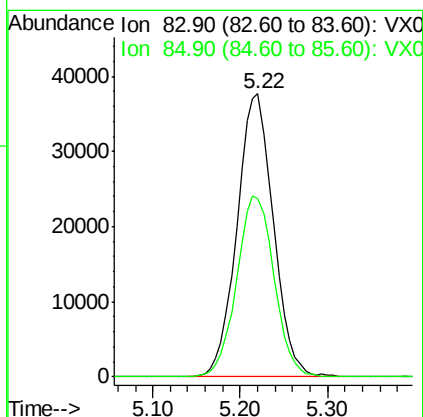
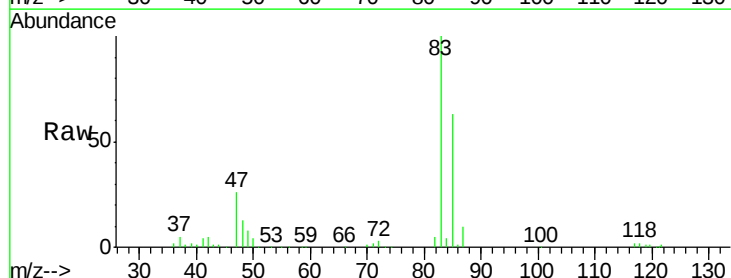
Instrument :
MSVOA_X
ClientSampled :

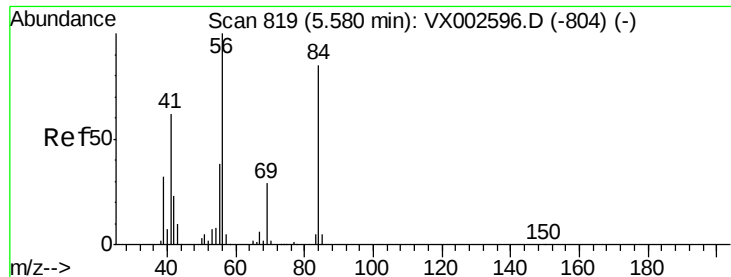
Tot Ion: 42 Resp: 140715
Ion Ratio Lower Upper
42 100
72 41.7 32.0 48.0
71 38.5 30.1 45.1



#30
Chloroform
Concen: 18.28 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 83 Resp: 109126
Ion Ratio Lower Upper
83 100
85 63.1 50.4 75.6

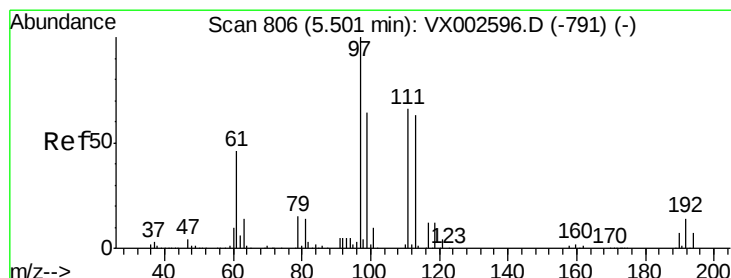
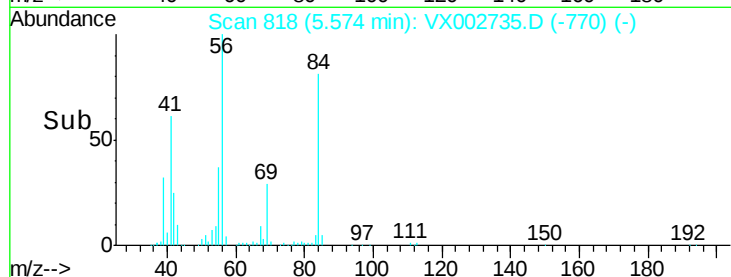
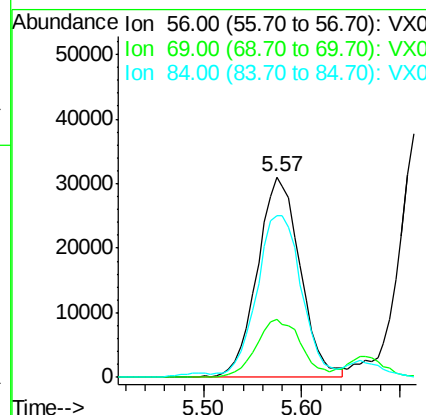
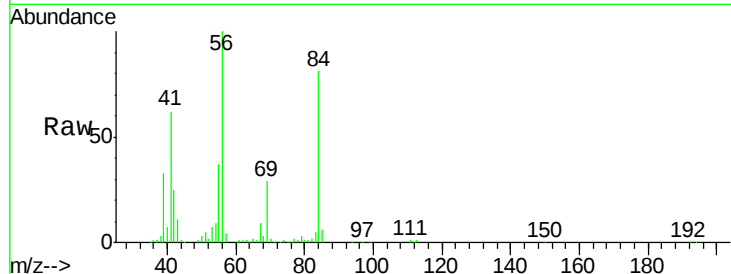




#31
Cyclohexane
Concen: 18.50 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

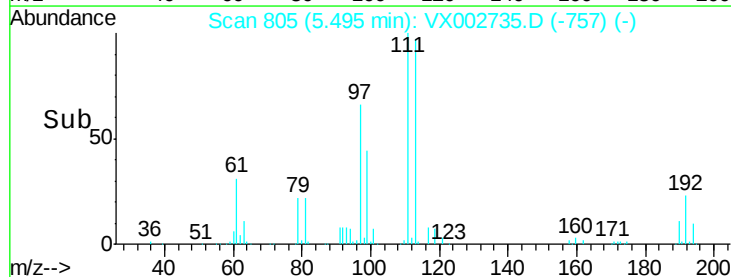
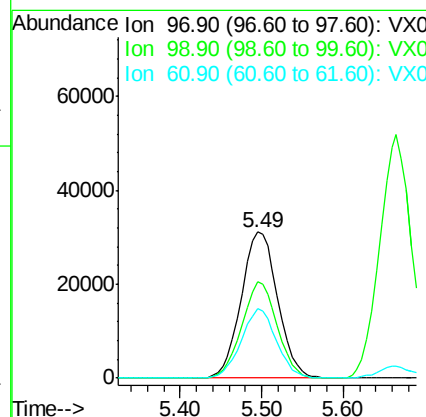
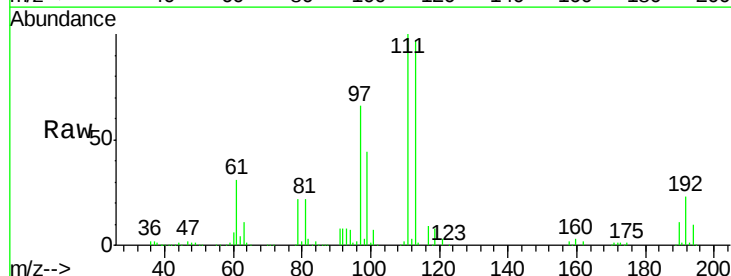
Instrument :
MSVOA_X
ClientSampleId :

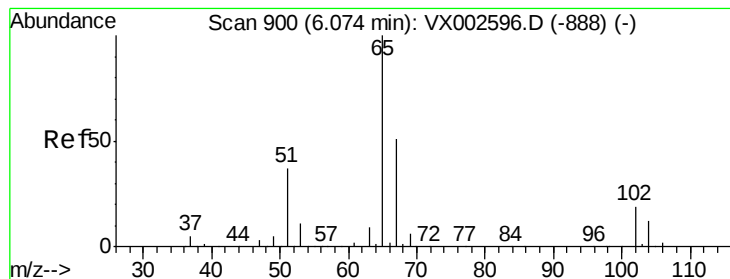
Tot Ion: 56 Resp: 94286
Ion Ratio Lower Upper
56 100
69 28.7 23.7 35.5
84 79.0 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 19.33 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 97 Resp: 96492
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 45.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

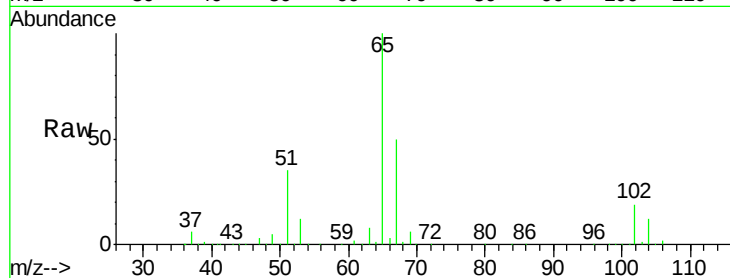
ClientSampleId :

Tot Ion: 65 Resp: 193592

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

40000

20000

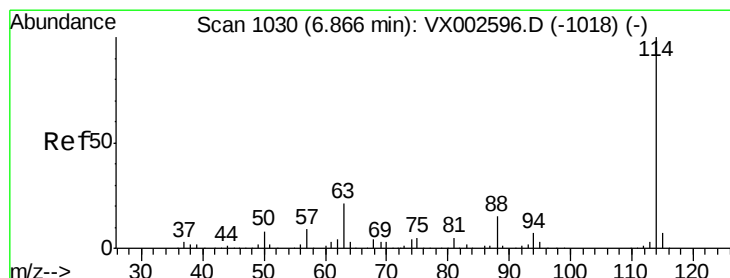
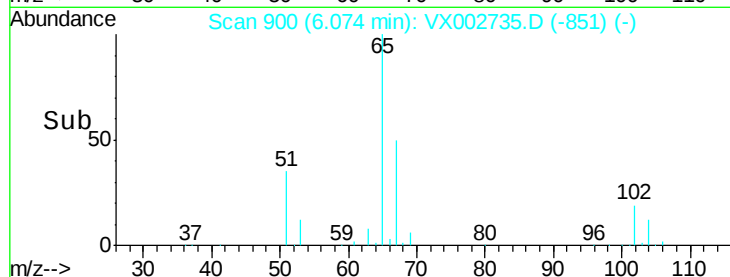
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

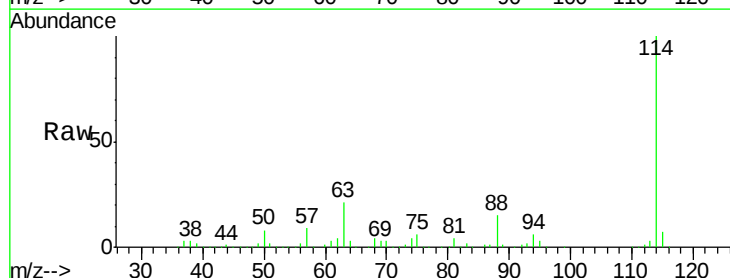
Tgt Ion: 114 Resp: 385683

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

50000

0

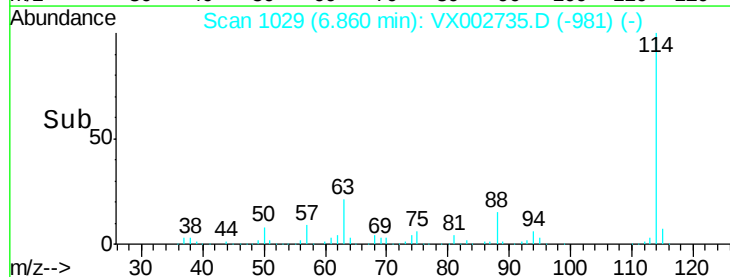
Time-->

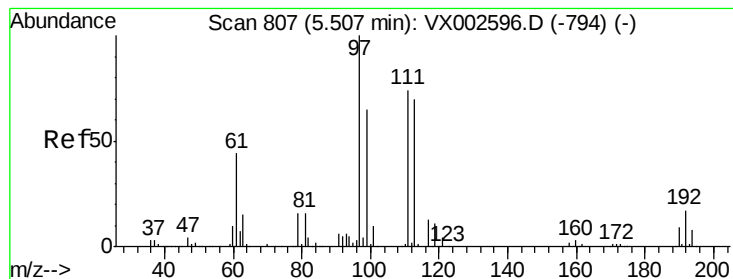
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 50.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

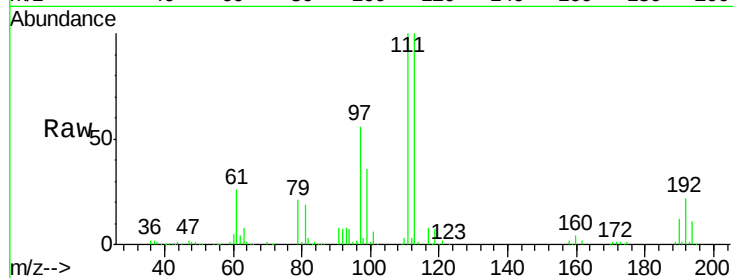
Tot Ion:113 Resp: 154378

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

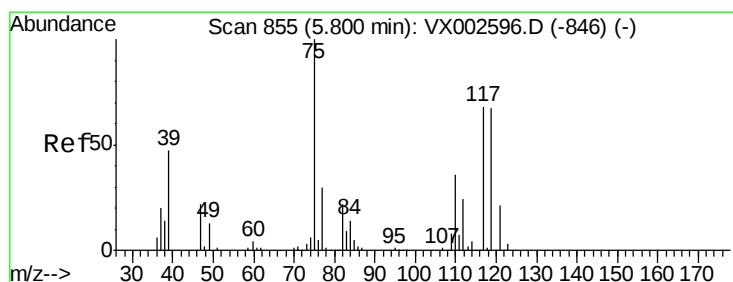
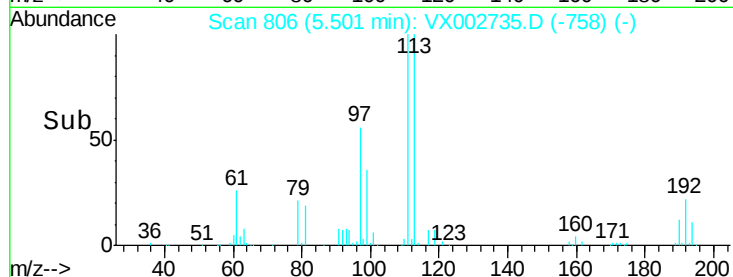
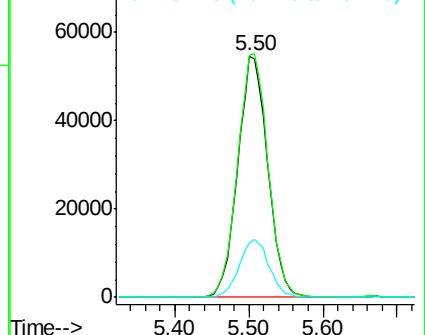
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.68 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

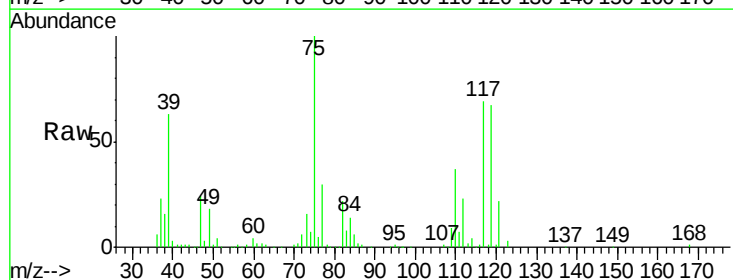
Tgt Ion: 75 Resp: 80631

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.4

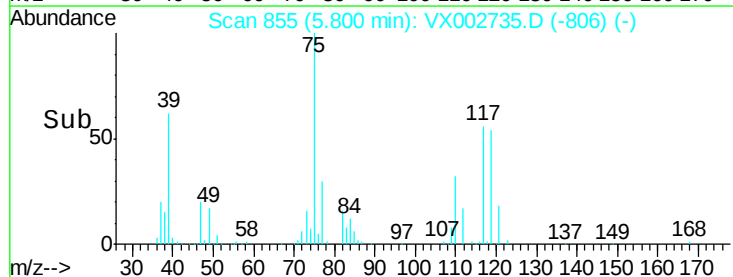
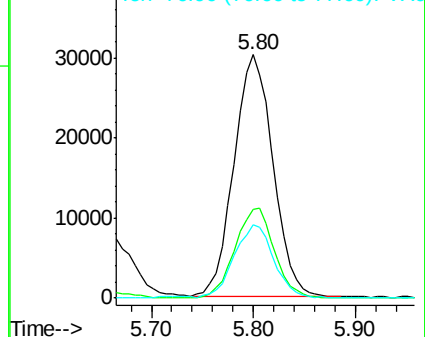
77 30.7 24.3 36.5

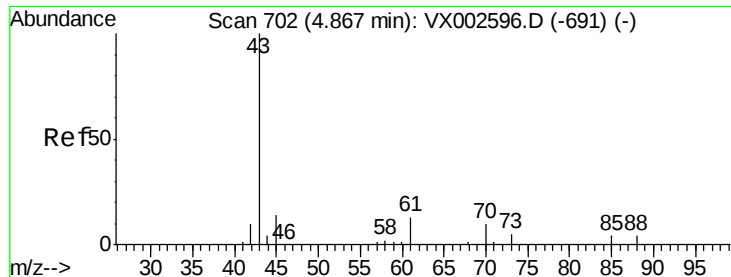


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

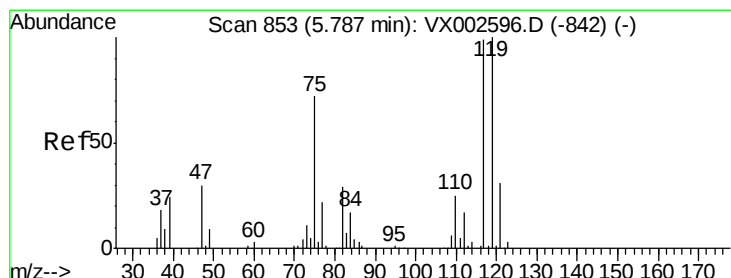
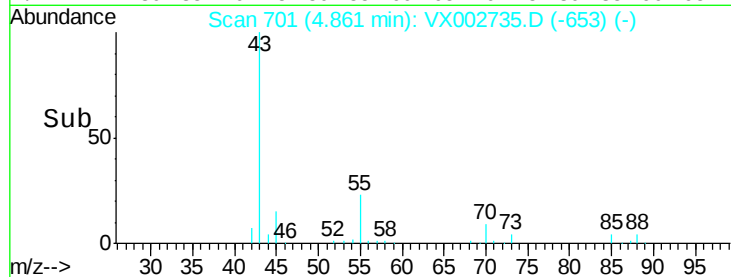
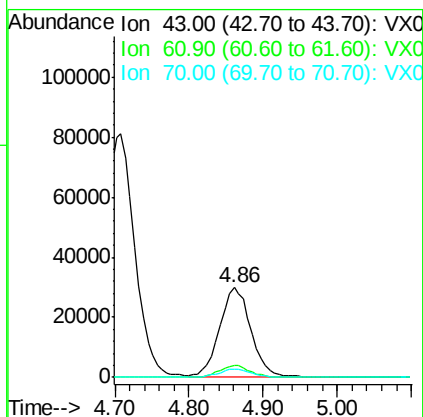
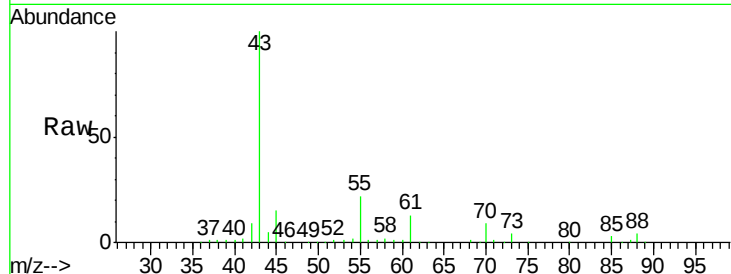




#37
Ethyl Acetate
Concen: 18.67 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

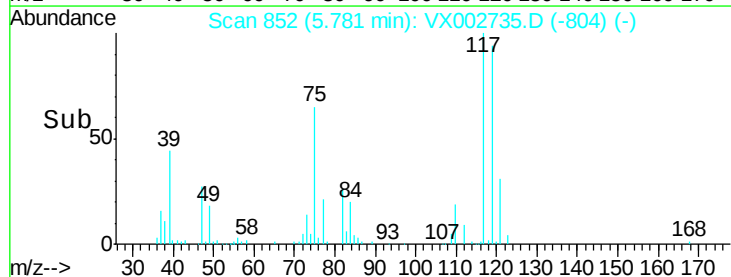
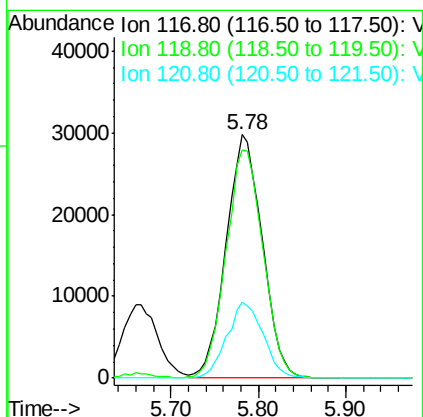
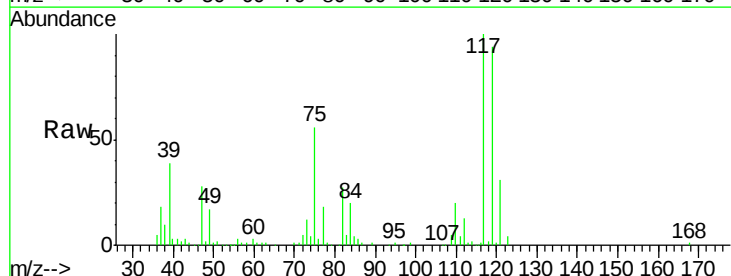
Instrument :
MSVOA_X
ClientSampleID :

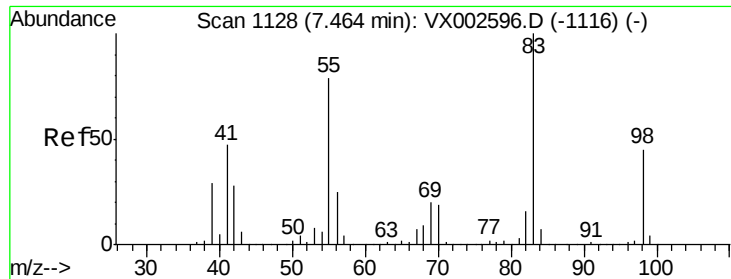
Tot Ion: 43 Resp: 86581
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.94 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 117 Resp: 85424
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0
121 31.0 24.4 36.6

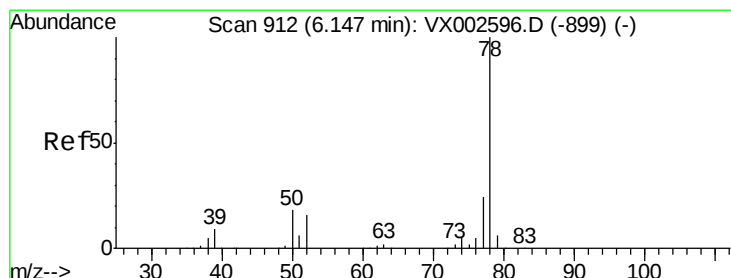
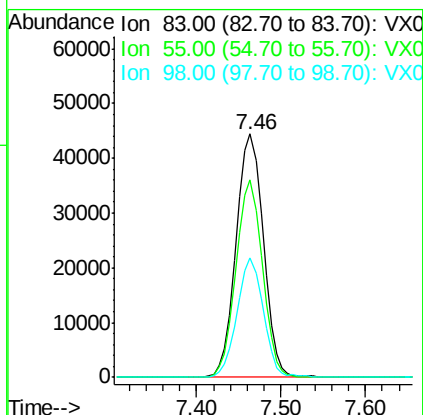
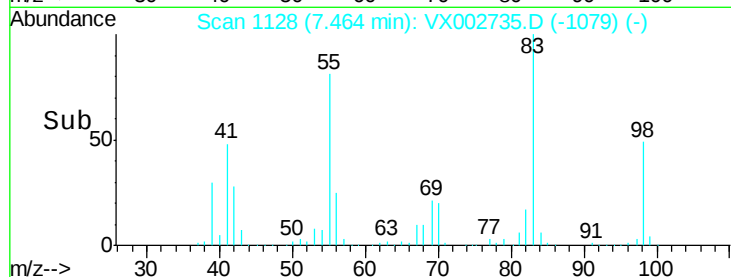
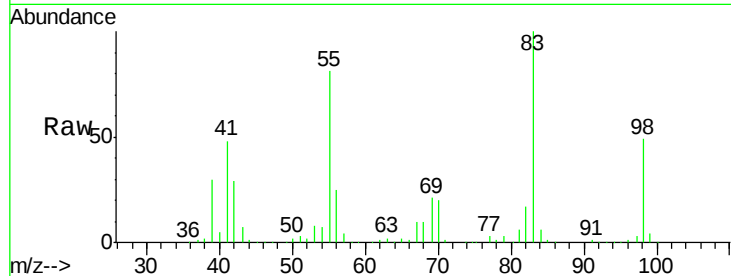




#39
Methvlcvclohexane
Concen: 20.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

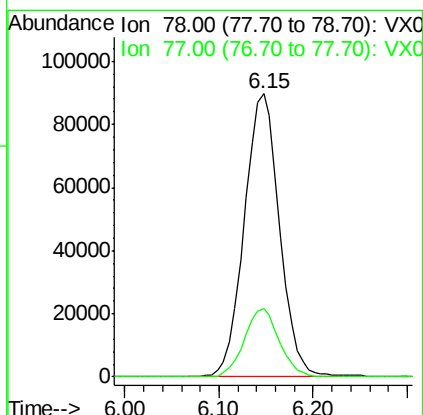
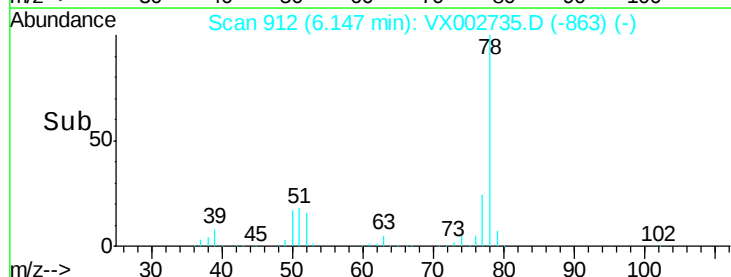
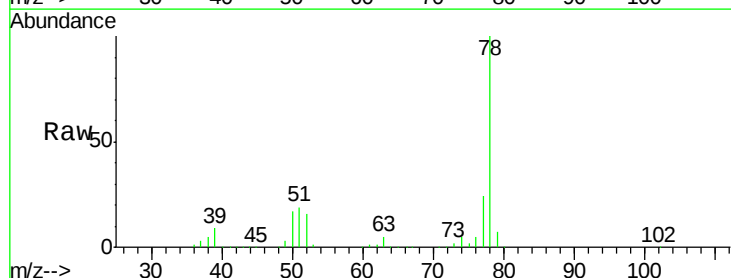
Instrument :
MSVOA_X
ClientSampleId :

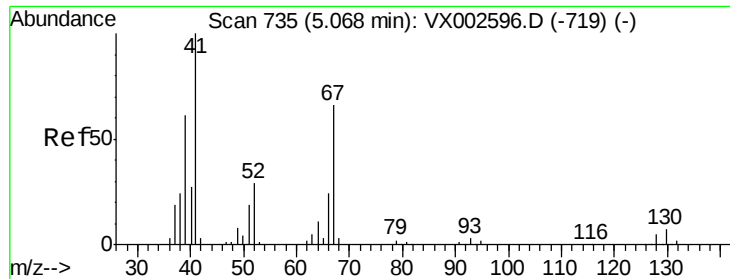
Tot Ion: 83 Resp: 97188
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 48.9 37.4 56.0



#40
Benzene
Concen: 19.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 78 Resp: 235032
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

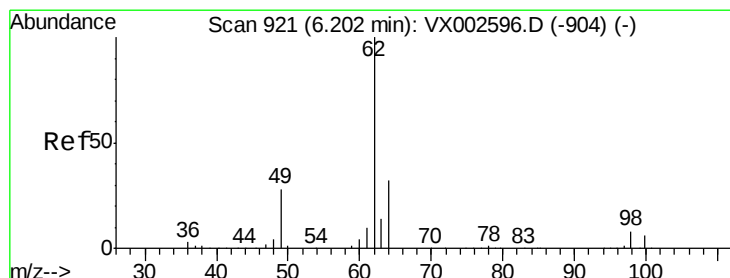
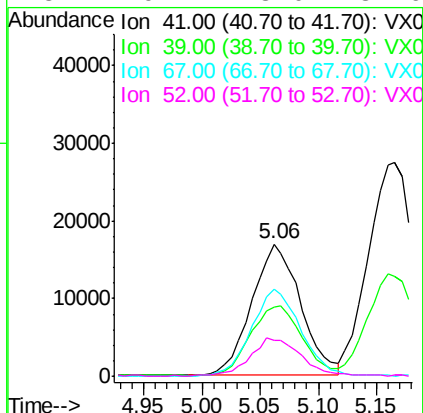
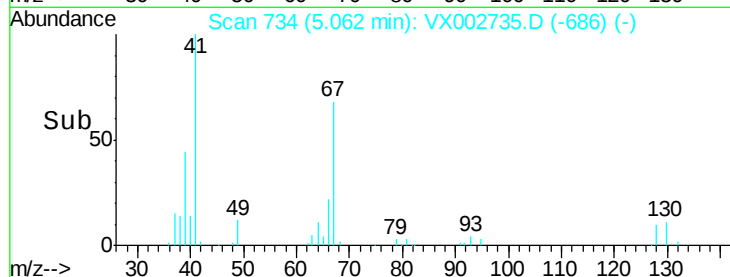
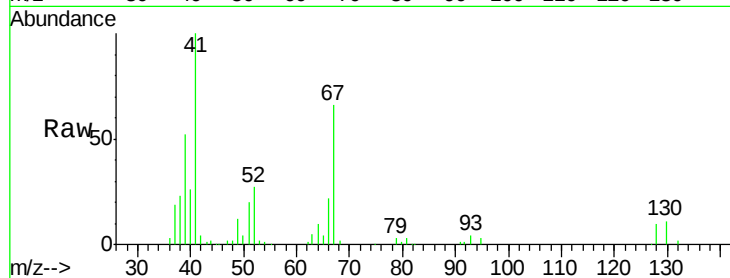




#41
Methacrylonitrile
Concen: 18.90 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

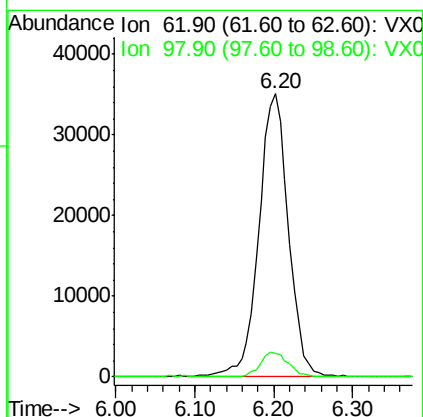
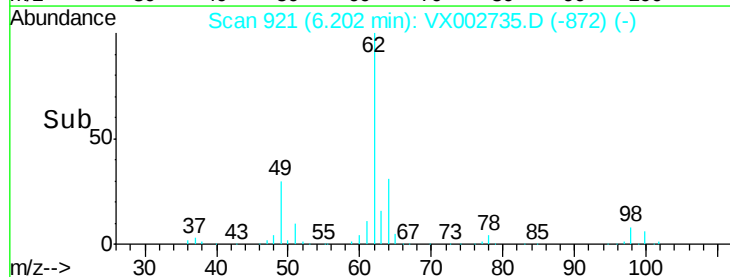
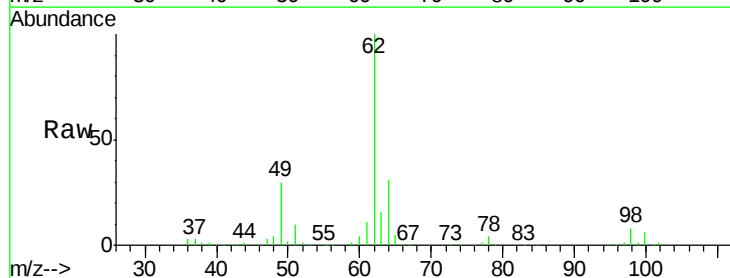
Instrument :
MSVOA_X
ClientSampled :

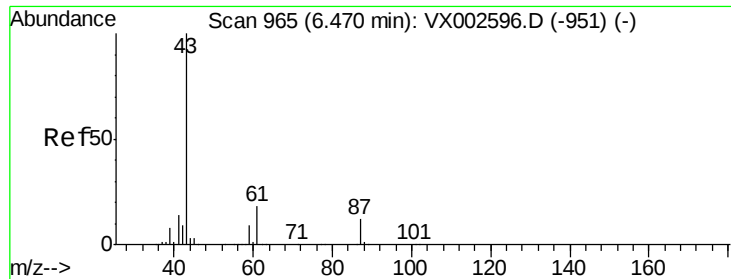
Tot Ion:	41	Resp:	49479
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	67.0	51.3	76.9
52	29.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:	62	Resp:	91579
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



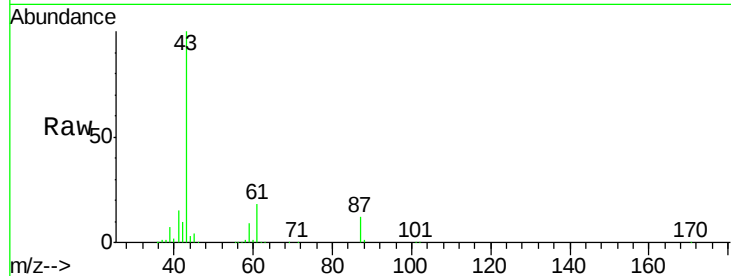


#43

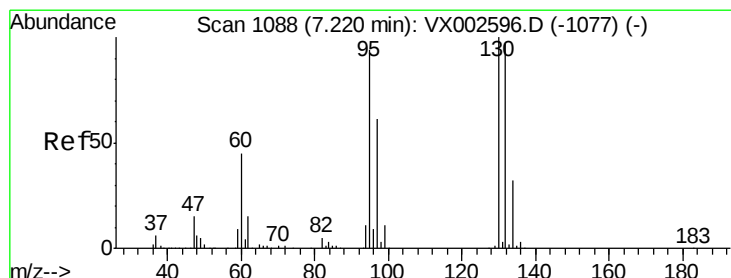
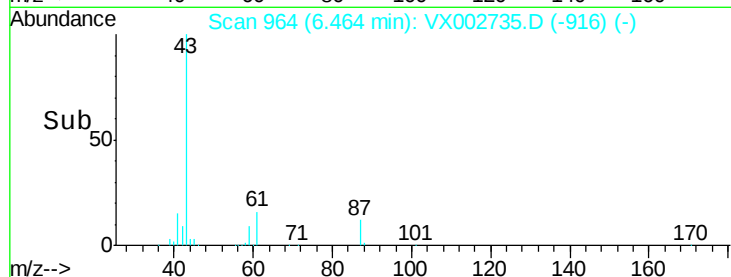
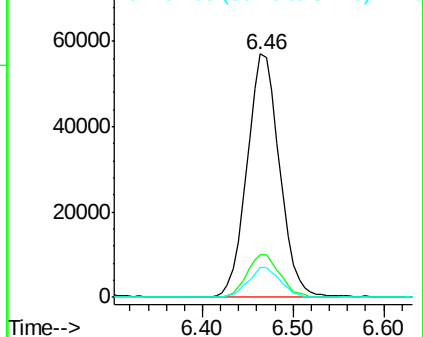
Isopropyl Acetate
 Concen: 18.37 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	141144
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.2	9.5	14.3



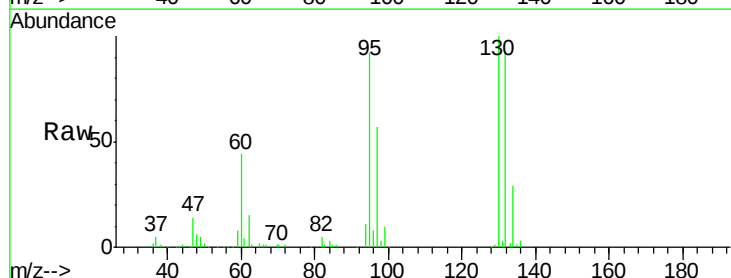
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



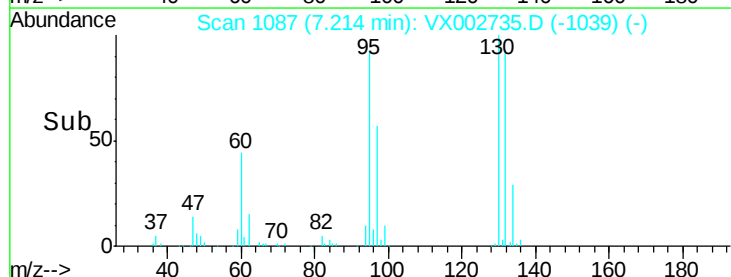
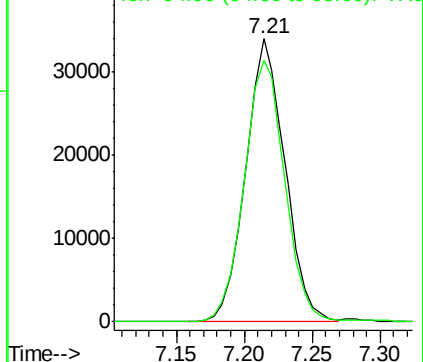
#44

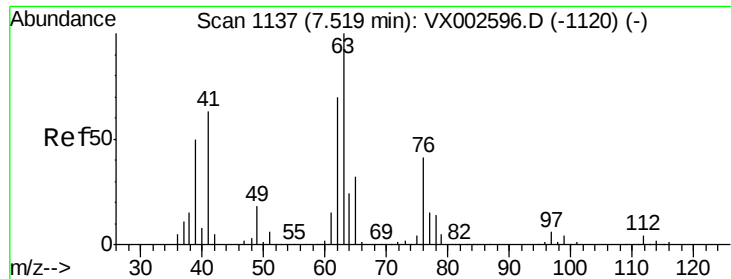
Trichloroethene
 Concen: 19.43 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	130	Resp	68883
Ion Ratio	Lower	Upper	
130	100		
95	92.3	0.0	185.4



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

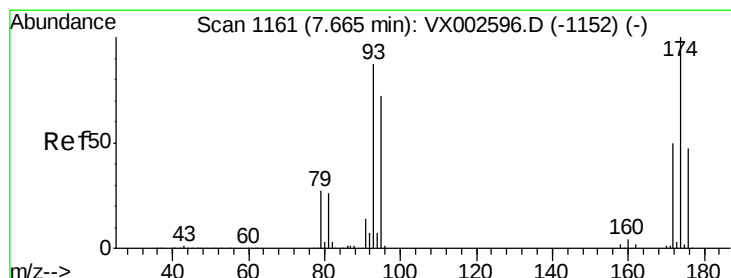
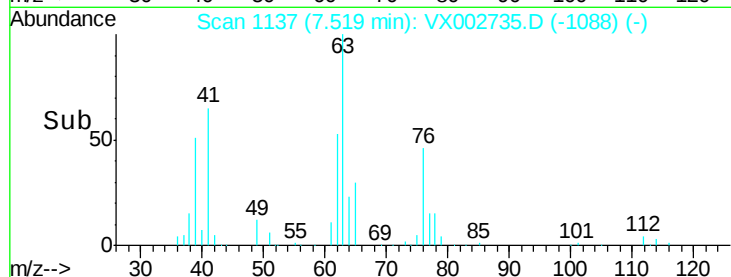
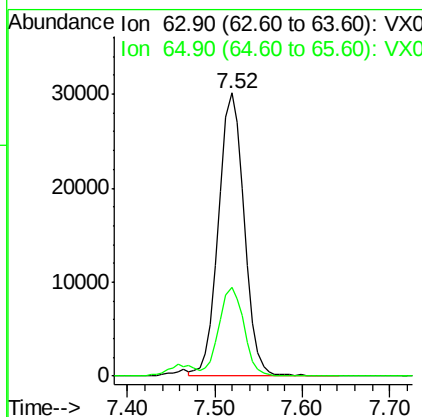
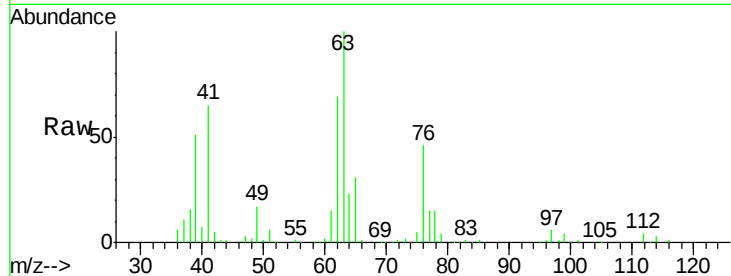




#45
1,2-Dichloropropane
Concen: 19.02 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

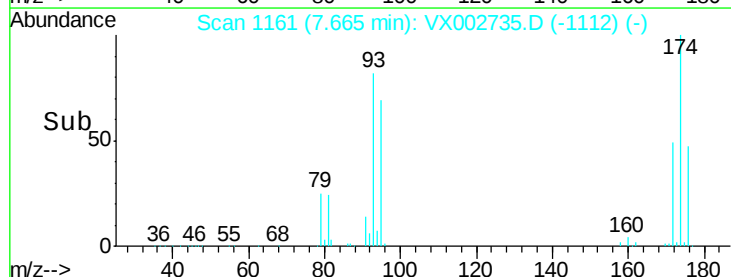
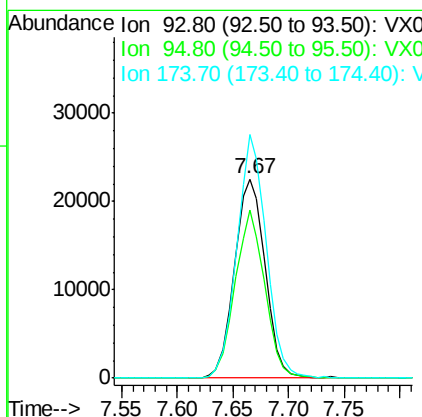
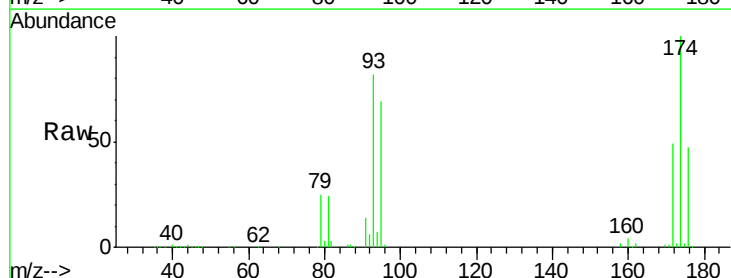
Instrument :
MSVOA_X
ClientSampleId :

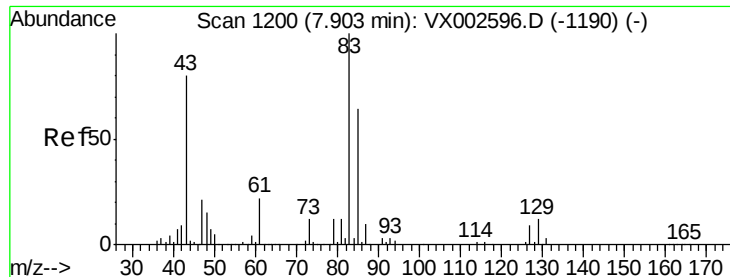
Tot Ion: 63 Resp: 61493
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1



#46
Dibromomethane
Concen: 19.91 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 93 Resp: 43043
Ion Ratio Lower Upper
93 100
95 81.6 65.9 98.9
174 116.8 92.4 138.6





#47

Bromodichloromethane

Concen: 20.42 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :

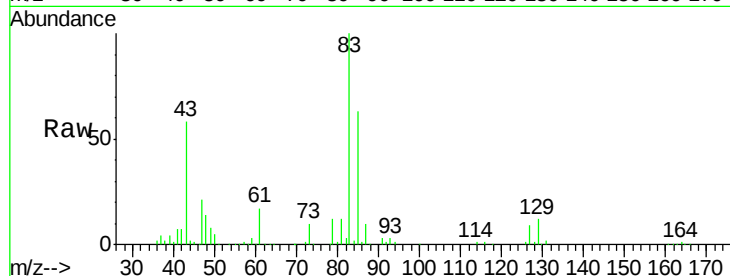
Tot Ion: 83 Resp: 77871

Ion Ratio Lower Upper

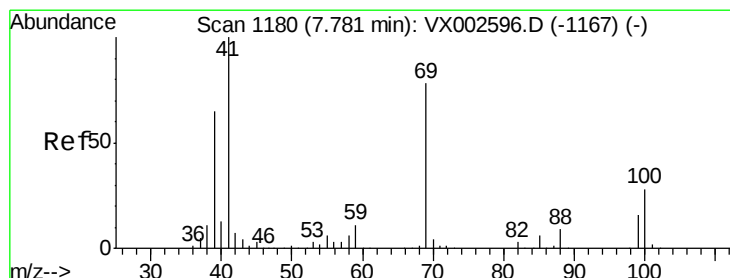
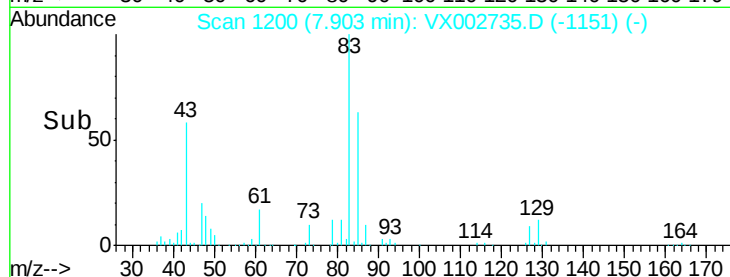
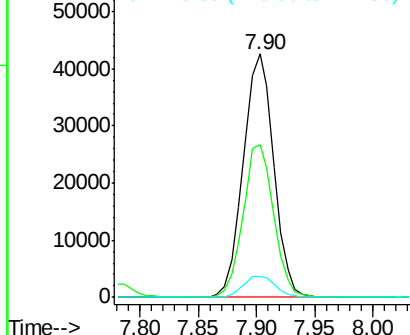
83 100

85 62.8 50.3 75.5

127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.76 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

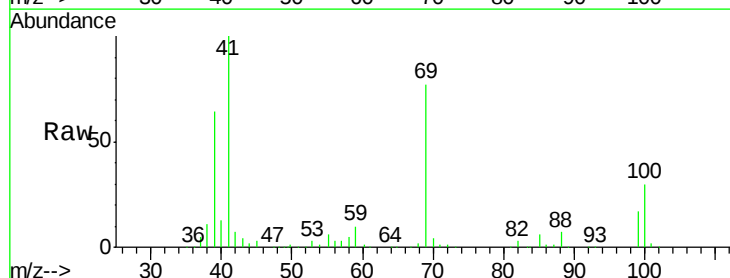
Tgt Ion: 41 Resp: 73650

Ion Ratio Lower Upper

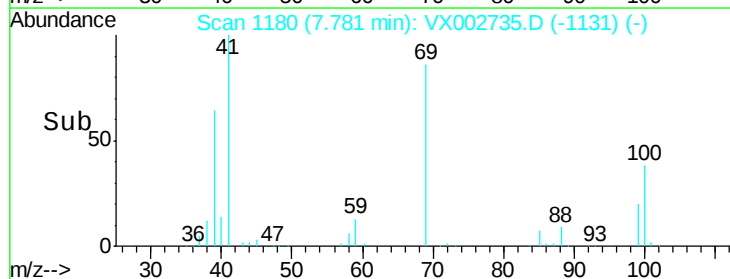
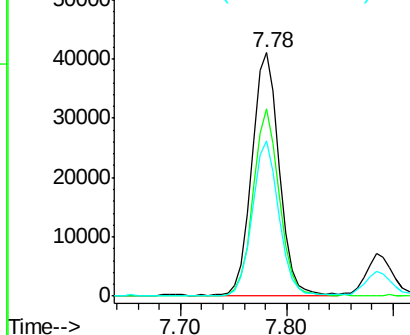
41 100

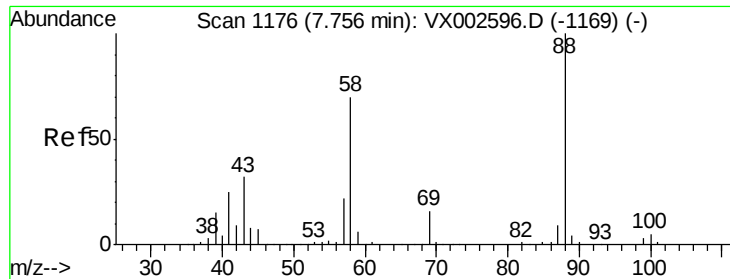
69 74.4 59.1 88.7

39 62.0 48.9 73.3



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





#49

1,4-Dioxane

Concen: 366.39 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :

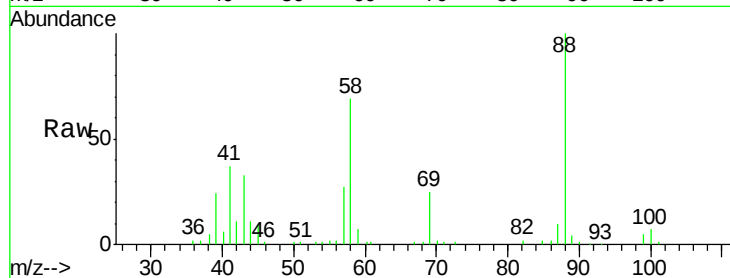
Tot Ion: 88 Resp: 27236

Ion Ratio Lower Upper

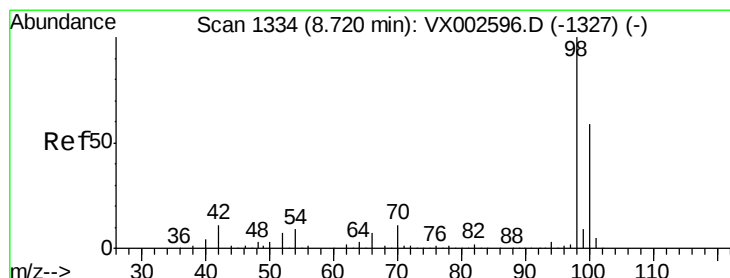
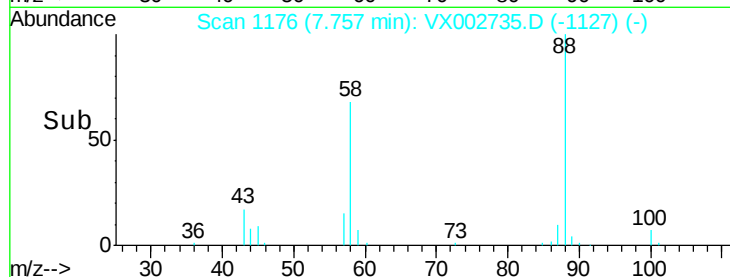
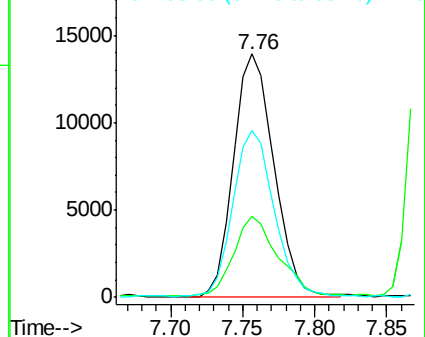
88 100

43 35.7 29.8 44.6

58 71.4 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: 48.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002735.D

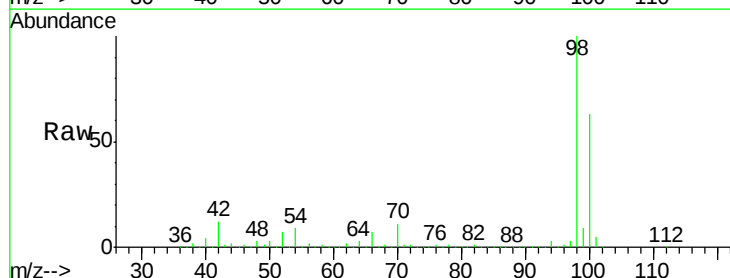
Acq: 20 Jun 2018 12:22

Tgt Ion: 98 Resp: 571010

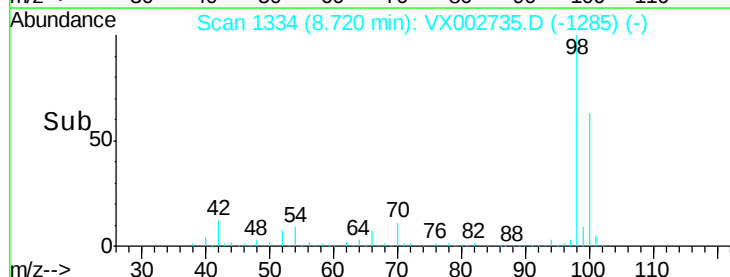
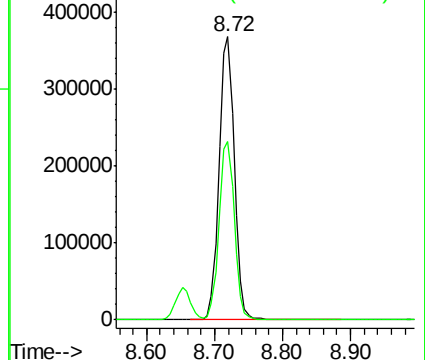
Ion Ratio Lower Upper

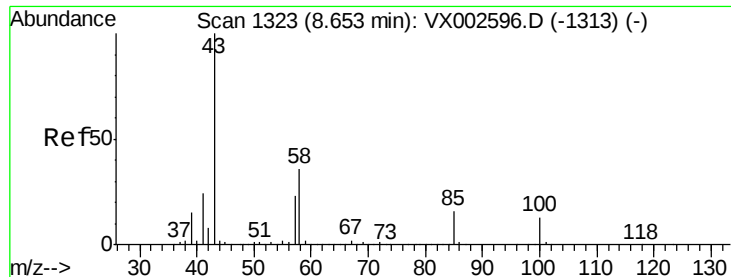
98 100

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: 92.99 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

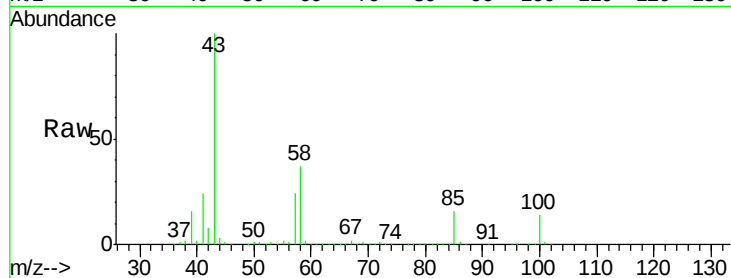
ClientSampleId :

Tot Ion: 43 Resp: 458616

Ion Ratio Lower Upper

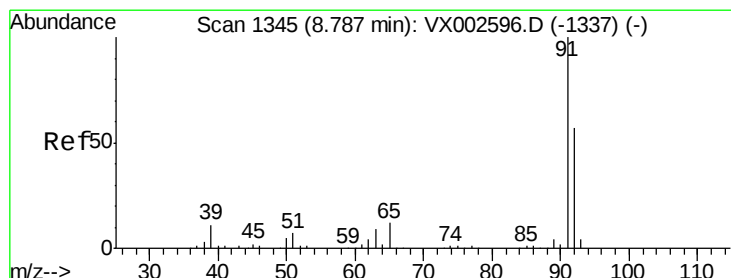
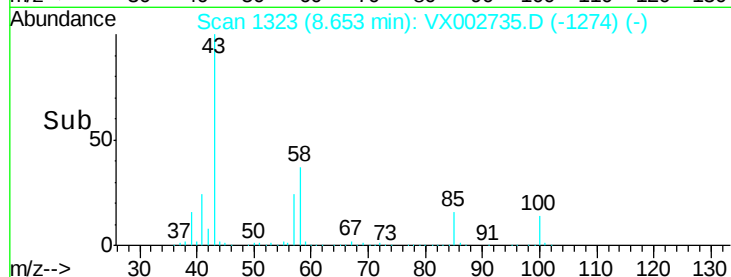
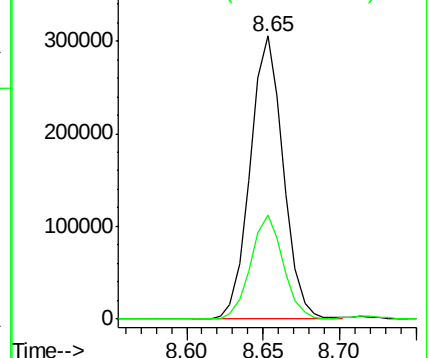
43 100

58 36.1 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: 19.65 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002735.D

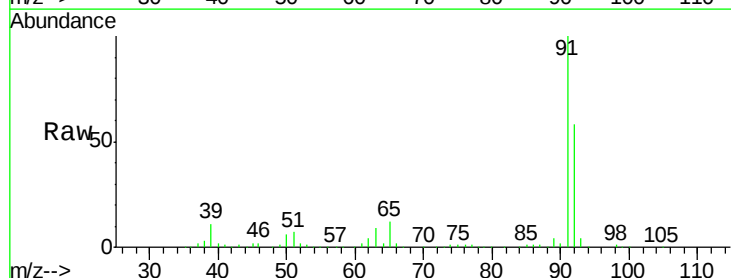
Acq: 20 Jun 2018 12:22

Tgt Ion: 92 Resp: 153971

Ion Ratio Lower Upper

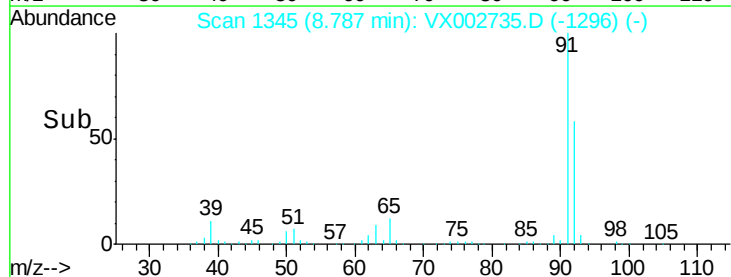
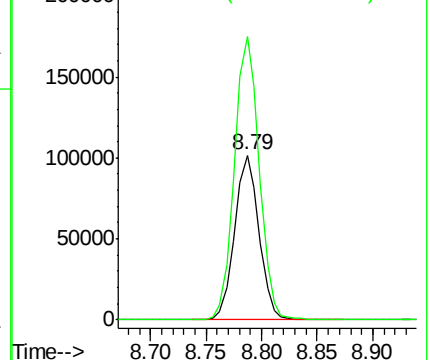
92 100

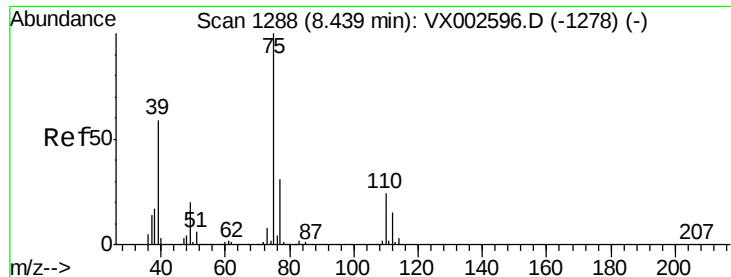
91 175.0 140.4 210.6



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: 19.41 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

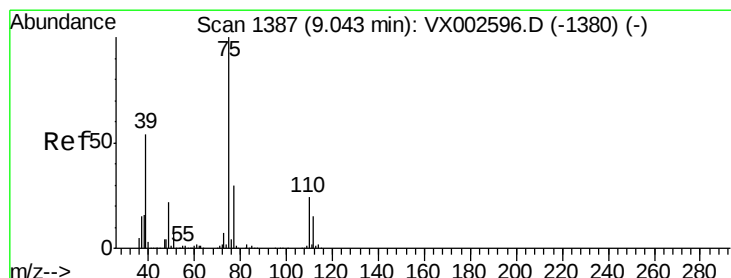
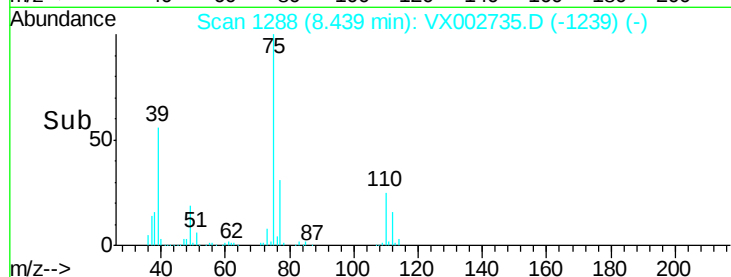
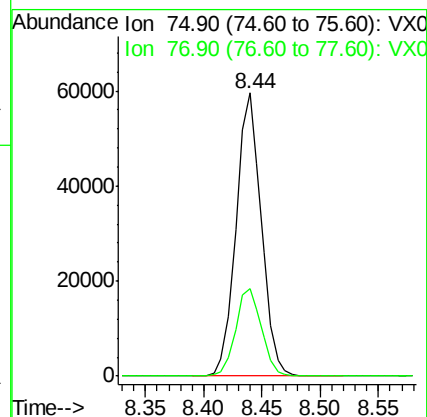
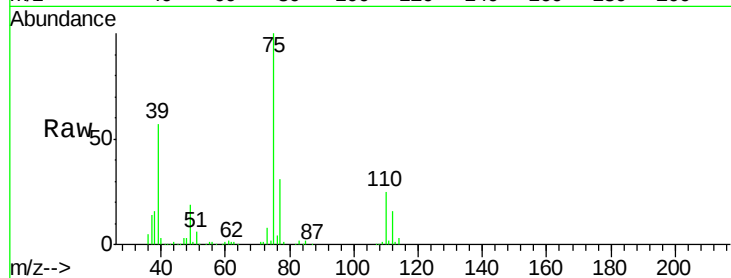
ClientSampleId :

Tot Ion: 75 Resp: 90202

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.25 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

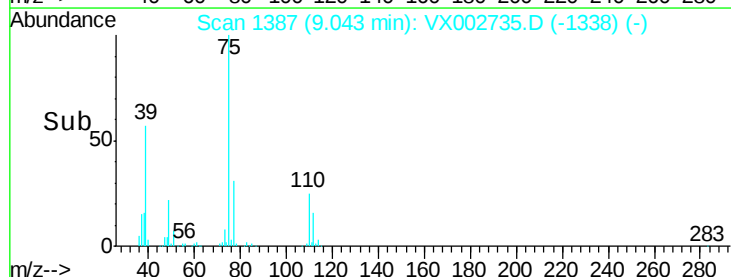
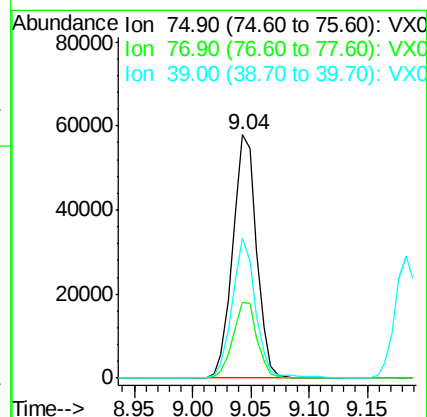
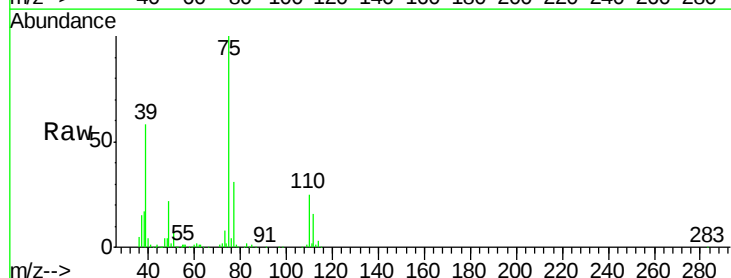
Tgt Ion: 75 Resp: 82544

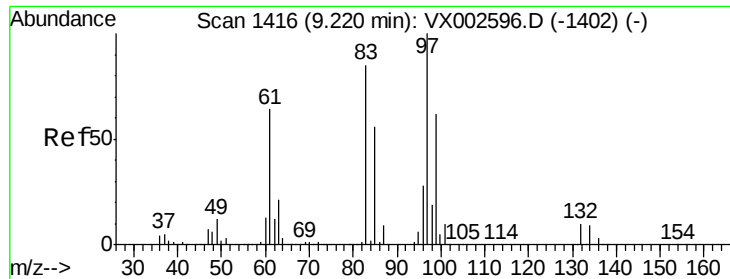
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 57.5 42.4 63.6

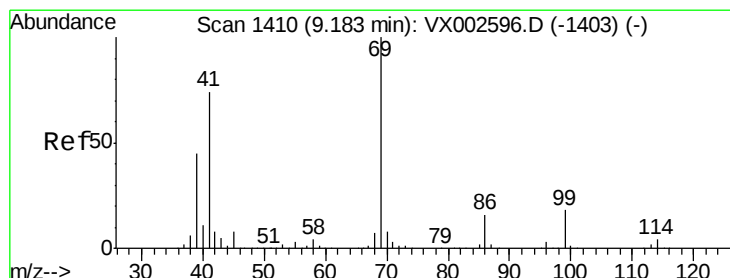
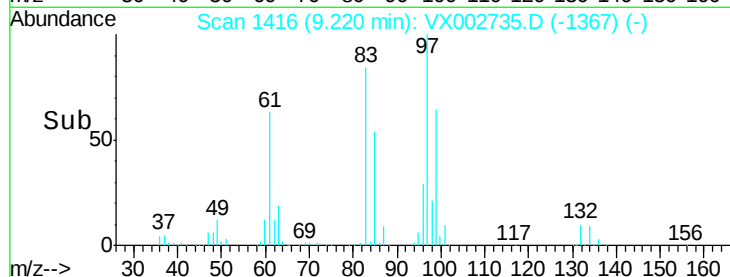
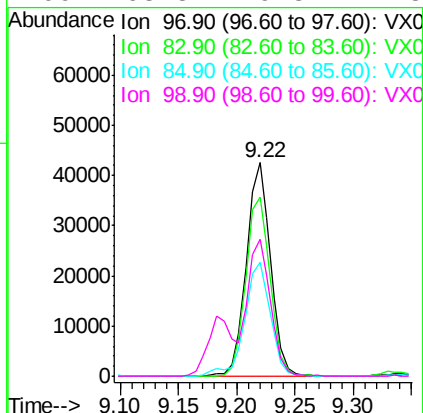
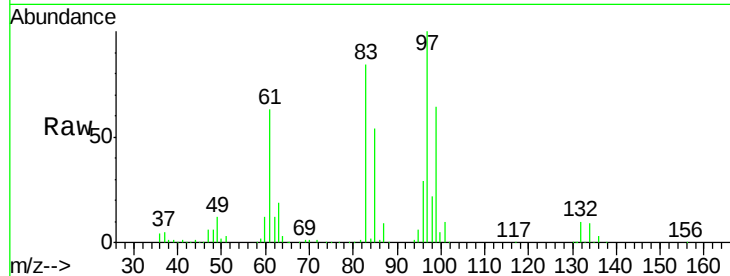




#55
 1,1,2-Trichloroethane
 Concen: 19.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

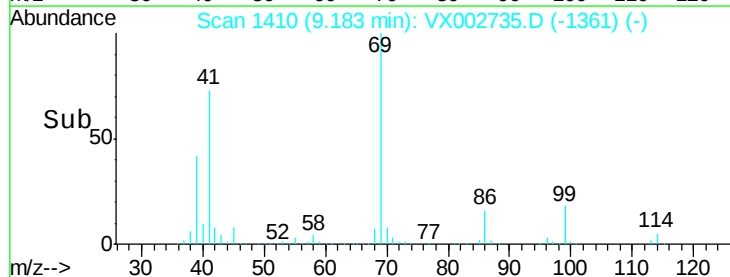
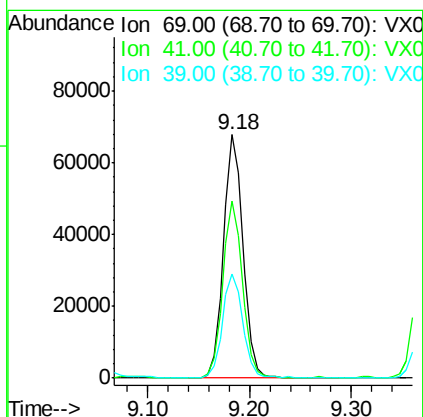
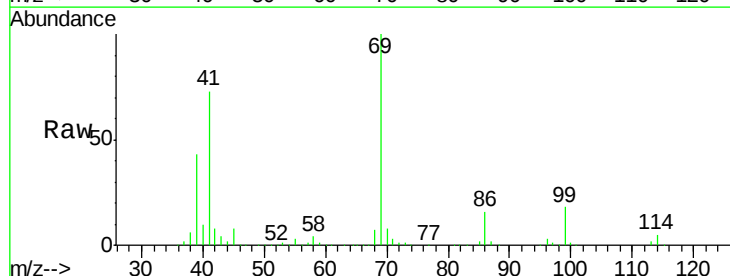
Instrument :
 MSVOA_X
 ClientSampleId :

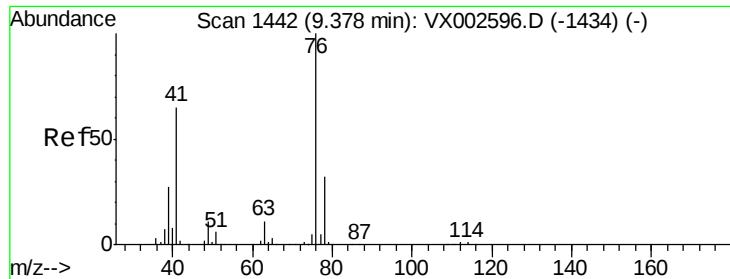
Tot Ion:	97	Resp:	61710
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.2
85	53.6	44.9	67.3
99	63.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion:	69	Resp:	90707
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.06 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

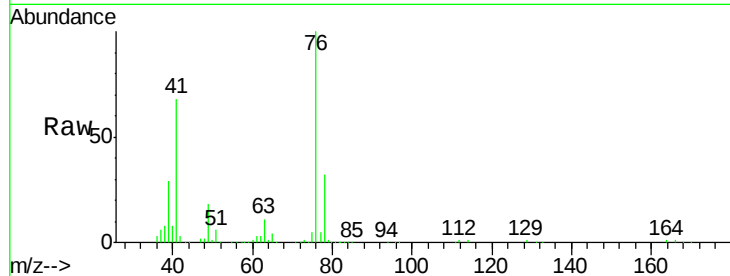
ClientSampleId :

Tot Ion: 76 Resp: 102030

Ion Ratio Lower Upper

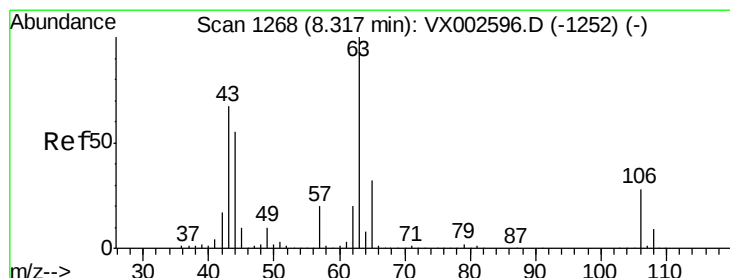
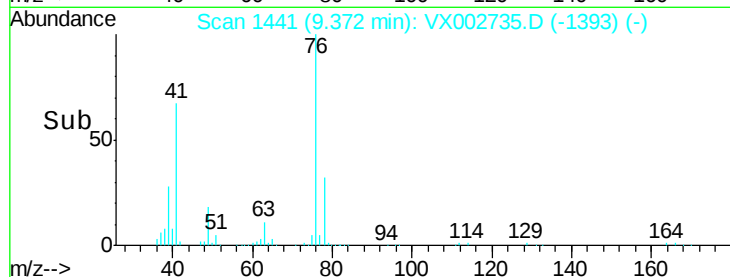
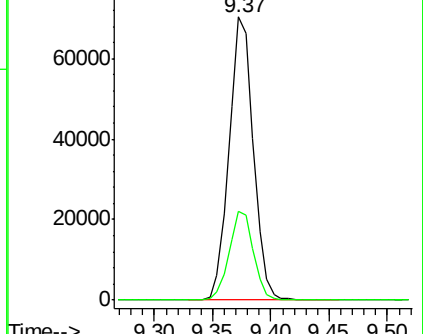
76 100

78 31.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 72.08 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002735.D

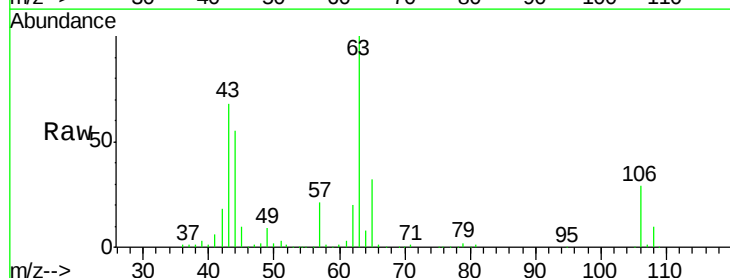
Acq: 20 Jun 2018 12:22

Tgt Ion: 63 Resp: 169861

Ion Ratio Lower Upper

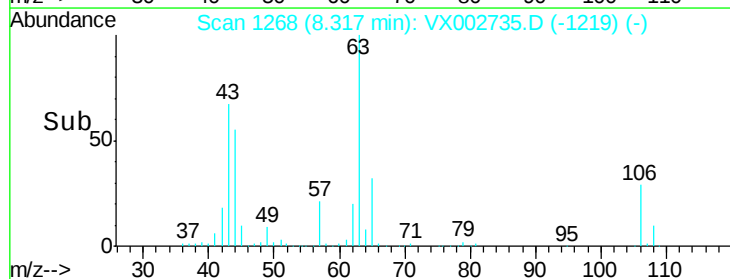
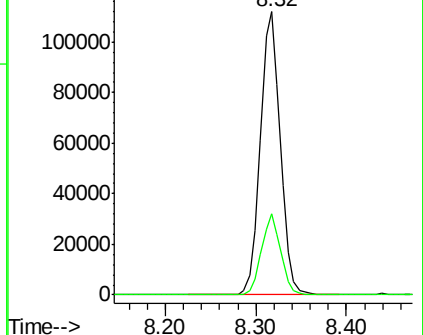
63 100

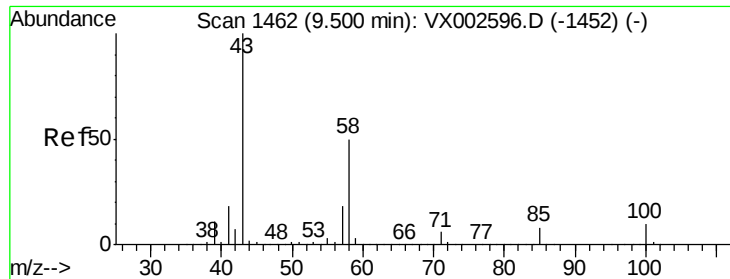
106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

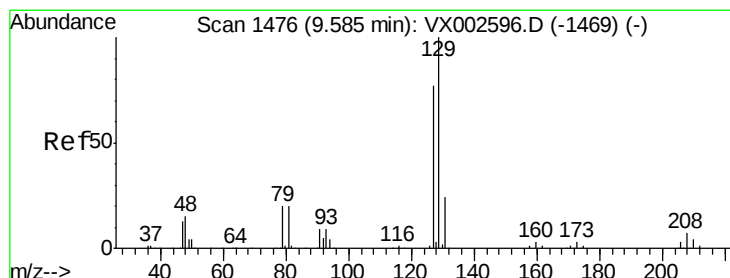
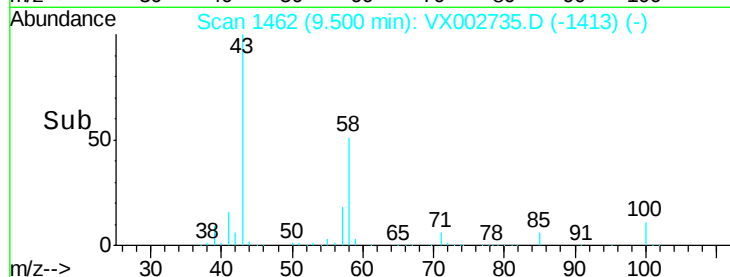
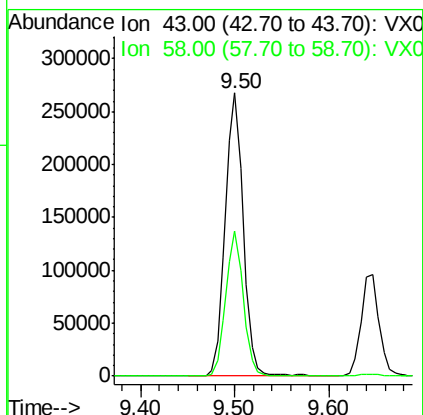
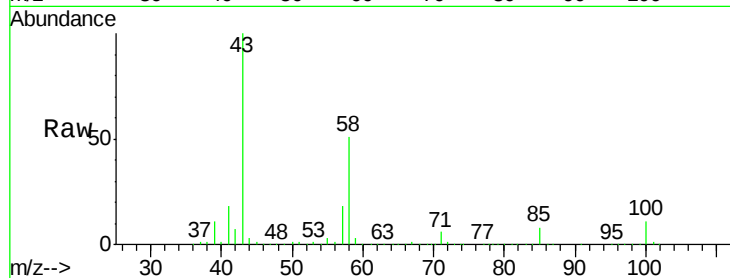




#59
2-Hexanone
Concen: 95.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

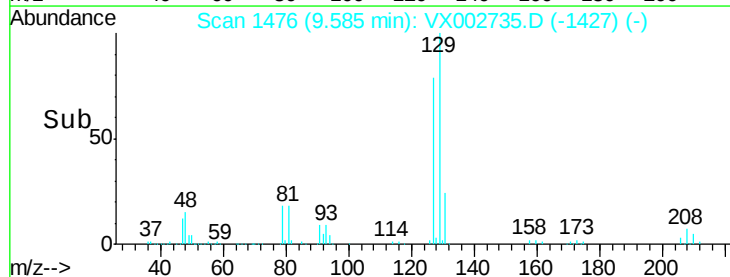
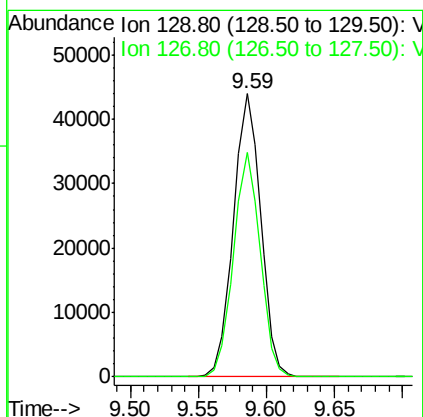
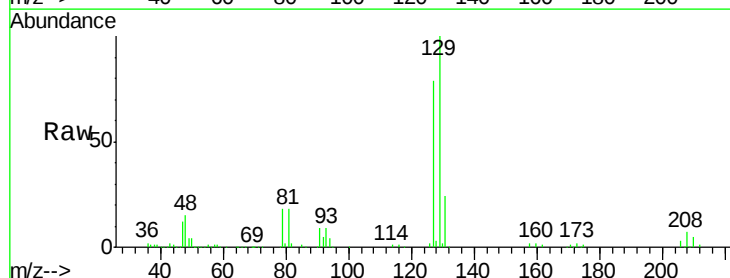
Instrument :
MSVOA_X
ClientSampled :

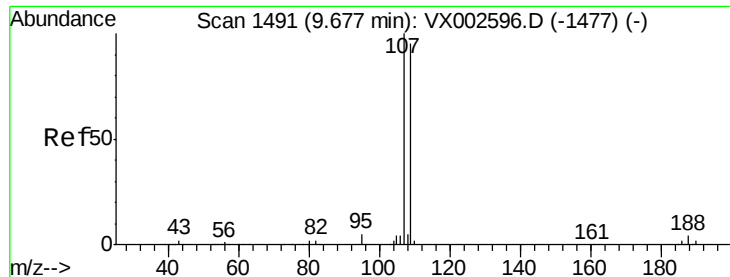
Tot Ion: 43 Resp: 356117
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 129 Resp: 61553
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

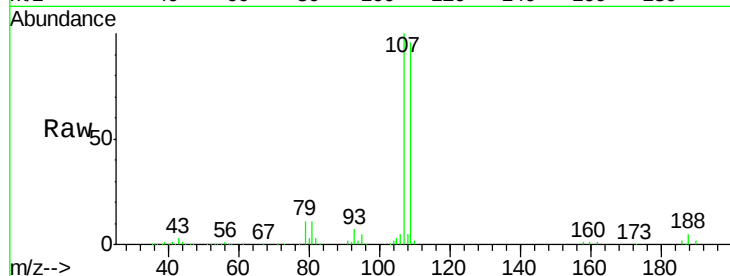
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 65208

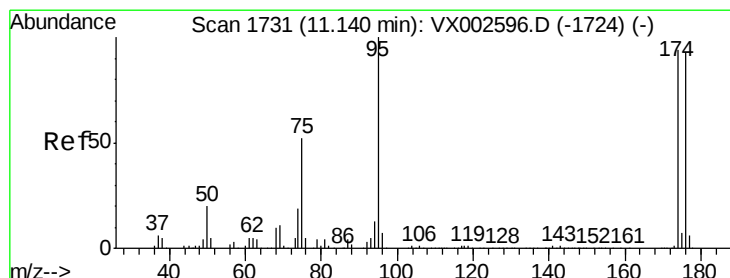
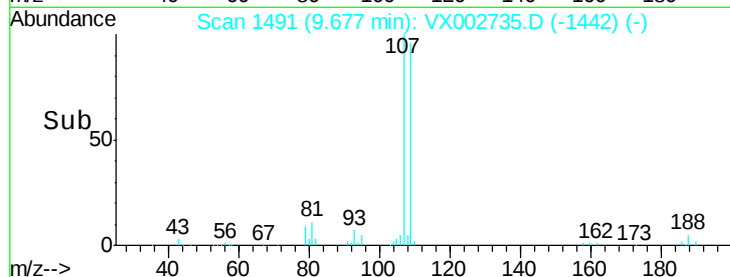
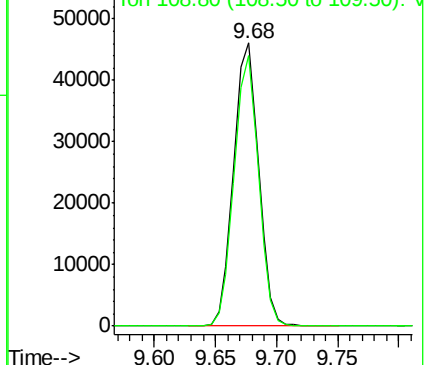
Ion Ratio Lower Upper

107 100

109 93.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

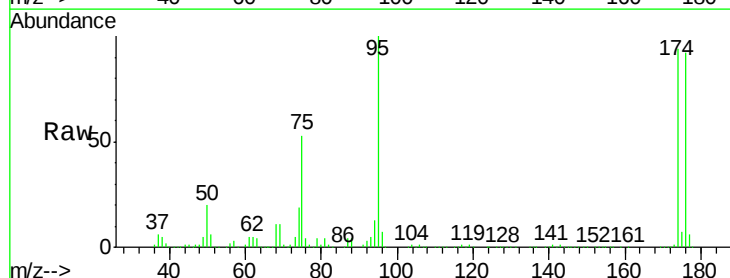
Tgt Ion: 95 Resp: 216875

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

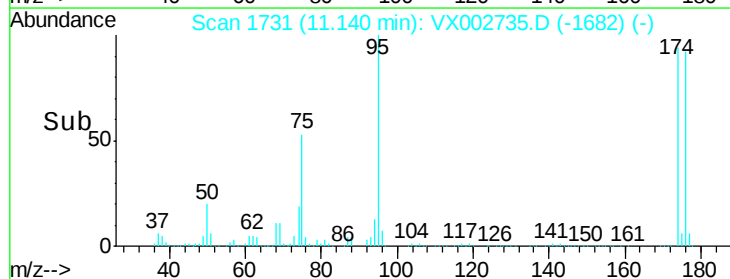
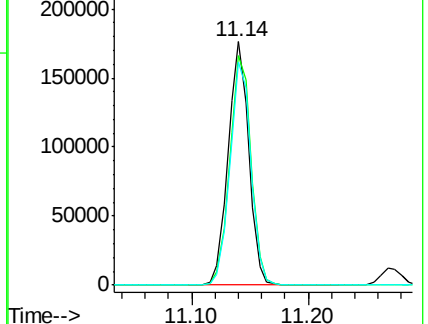
176 93.8 0.0 181.0

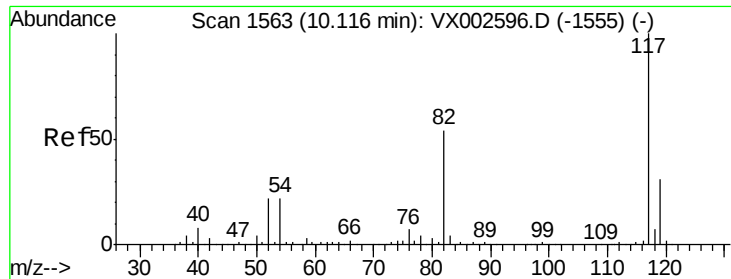


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

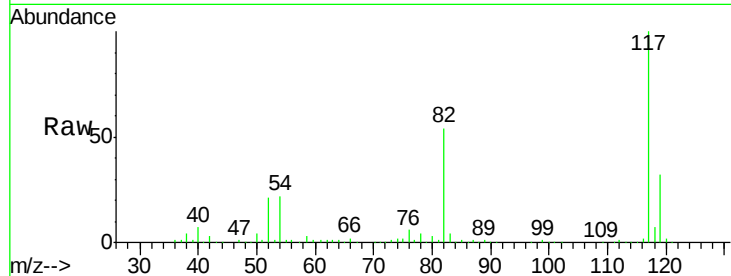




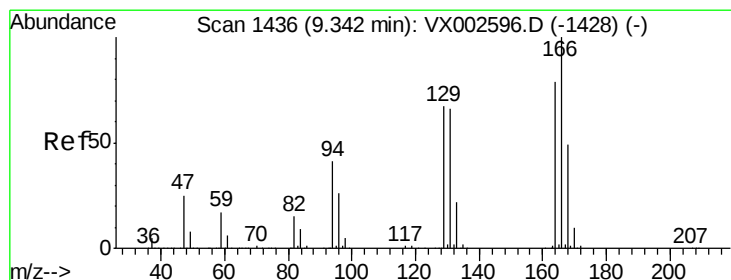
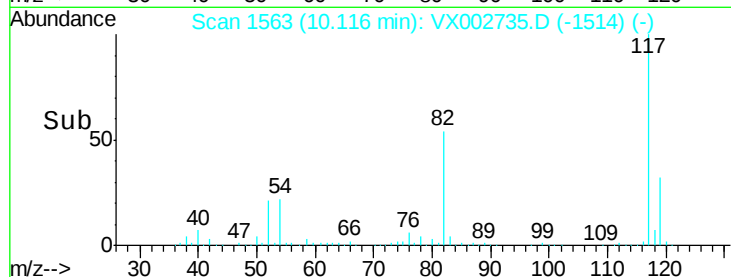
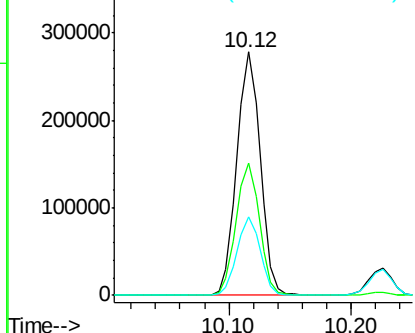
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 368438
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 25.8 38.6



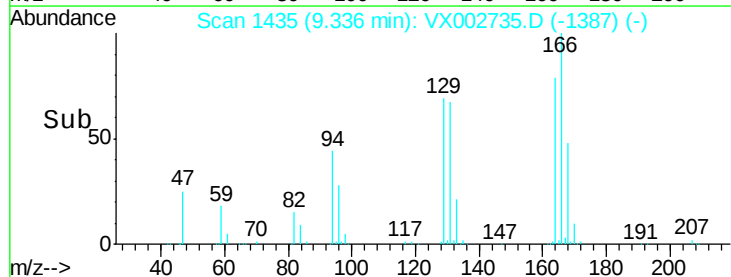
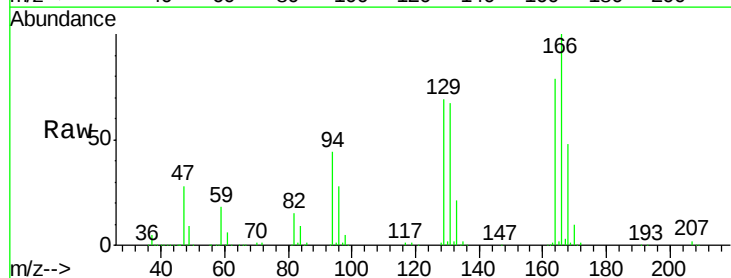
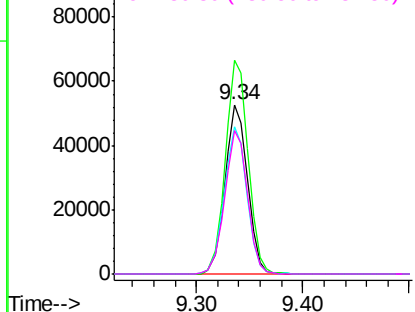
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

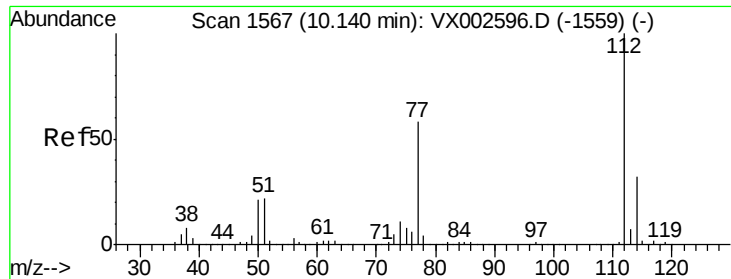


#64
Tetrachloroethene
Concen: 19.09 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:164 Resp: 78069
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 86.8 68.6 102.8
131 85.1 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: 19.80 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

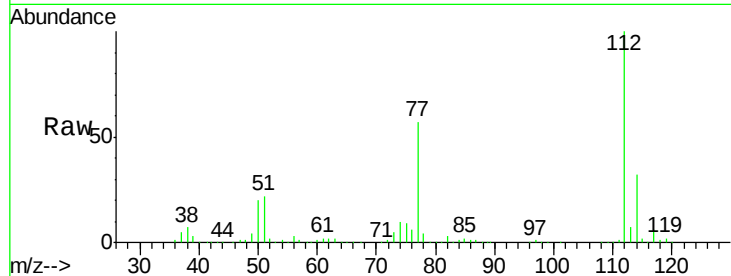
ClientSampleId :

Tot Ion:112 Resp: 179174

Ion Ratio Lower Upper

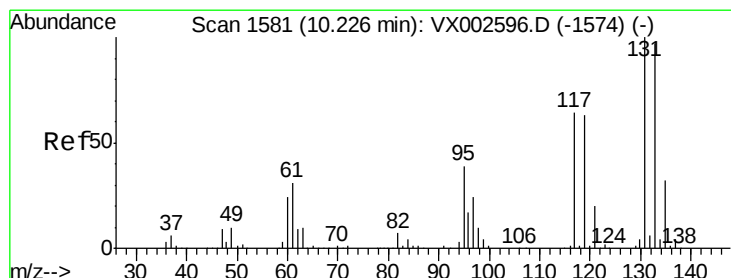
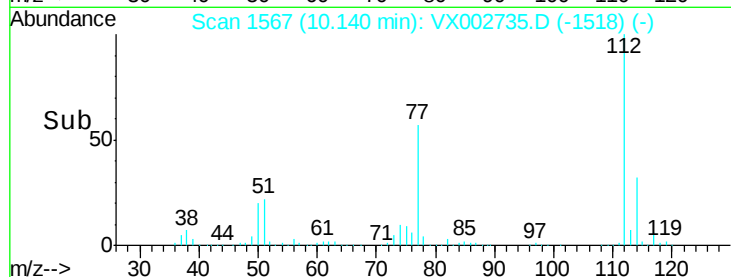
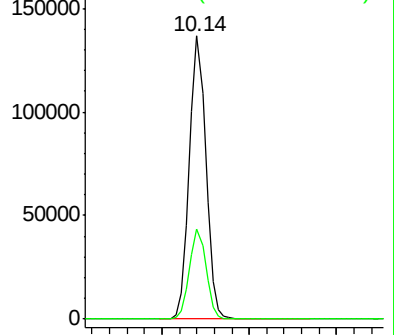
112 100

114 31.7 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: 20.50 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

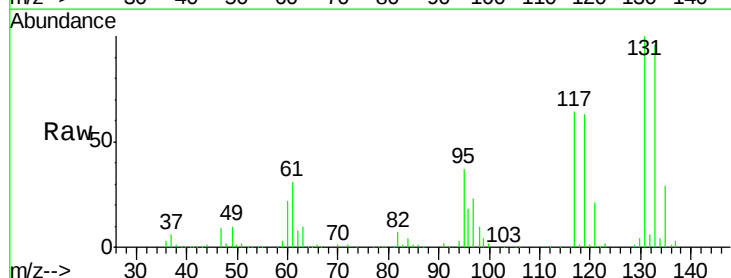
Tgt Ion:131 Resp: 63240

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

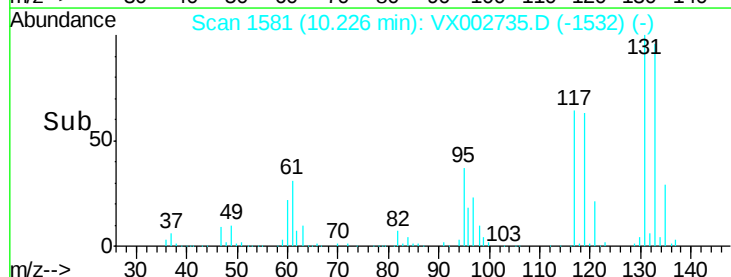
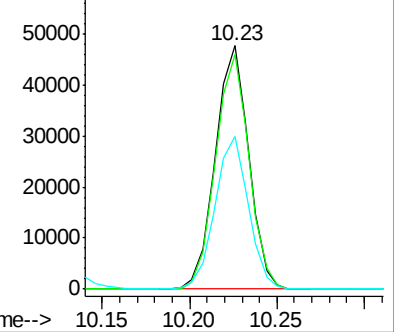
119 62.8 31.8 95.3

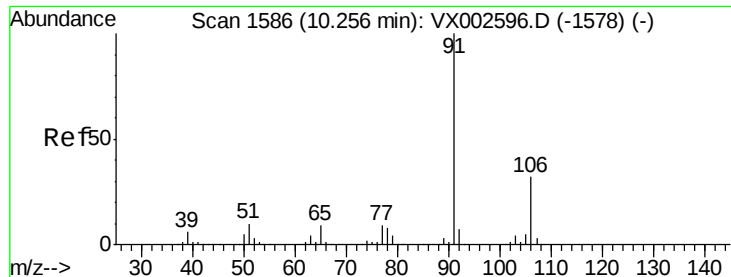


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.73 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

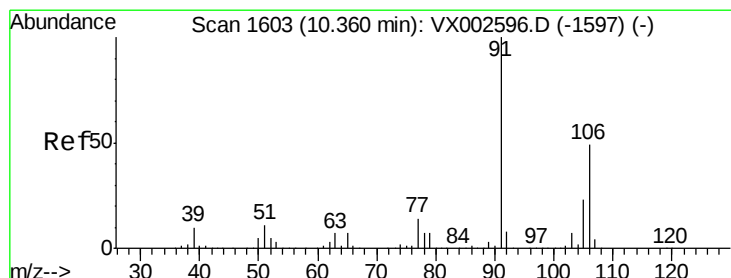
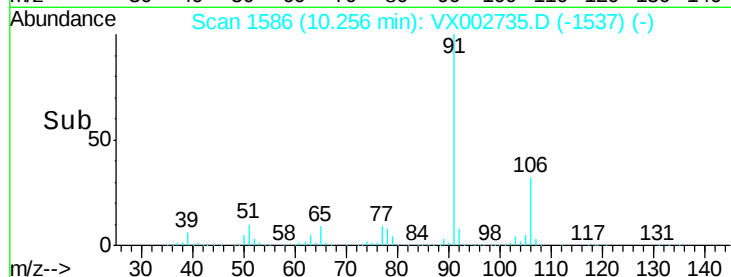
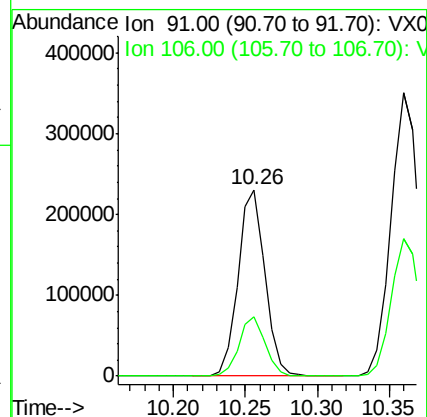
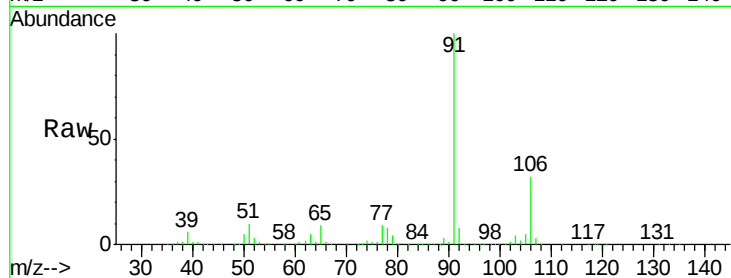
ClientSampleId :

Tot Ion: 91 Resp: 301143

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 39.62 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002735.D

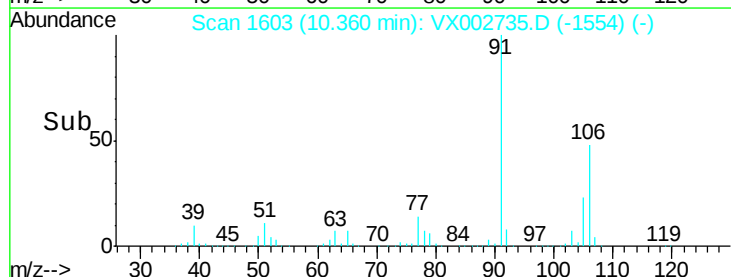
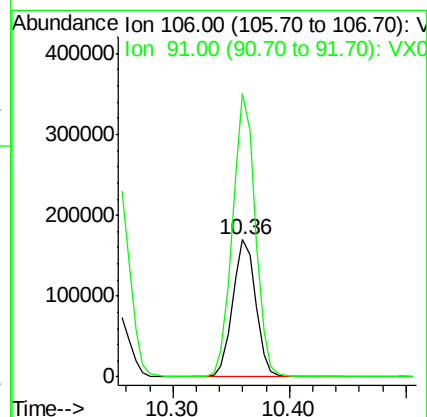
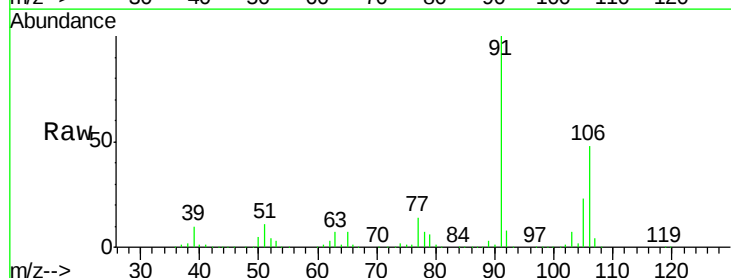
Acq: 20 Jun 2018 12:22

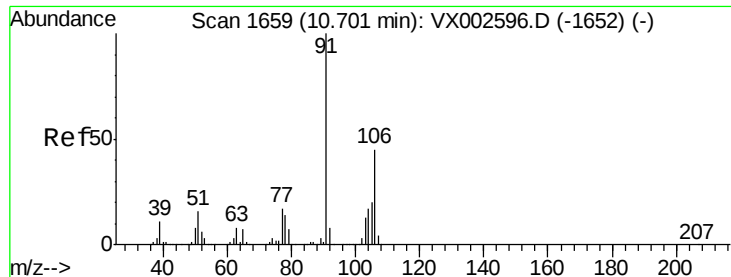
Tgt Ion: 106 Resp: 233258

Ion Ratio Lower Upper

106 100

91 204.0 163.4 245.2

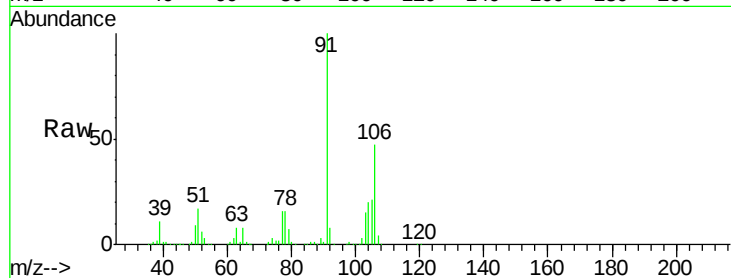




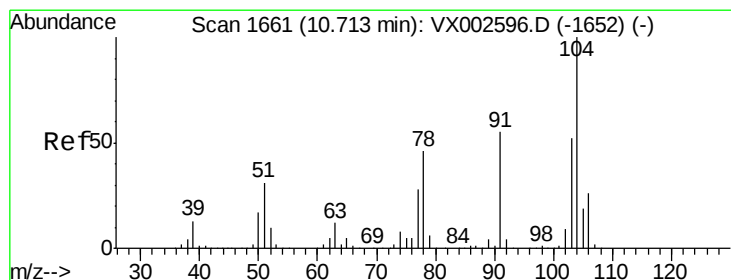
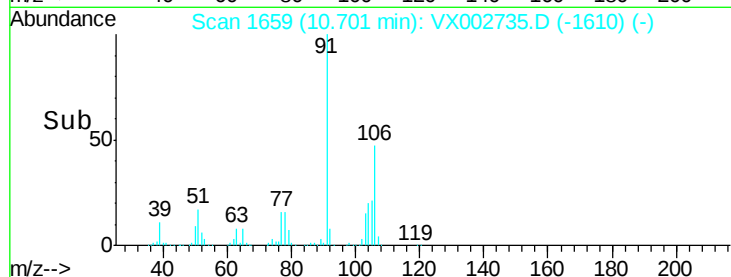
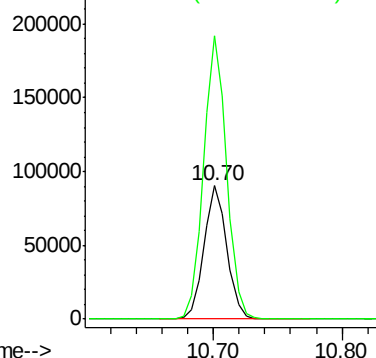
#69
o-Xylene
Concen: 19.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 111775
Ion Ratio Lower Upper
106 100
91 214.4 108.2 324.6

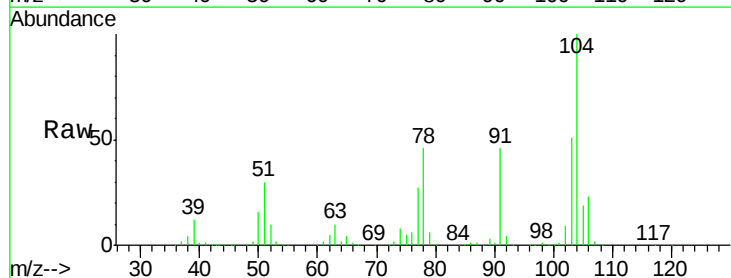


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

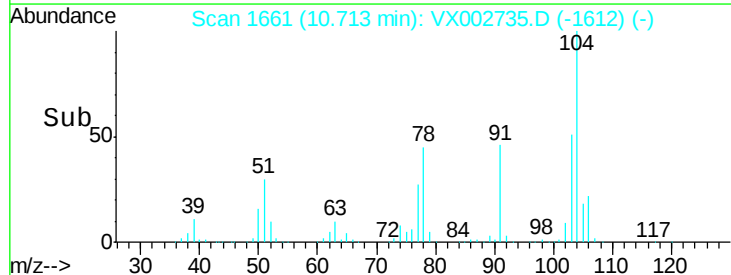
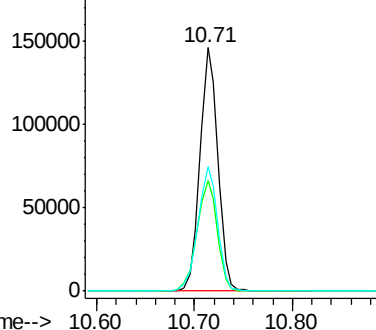


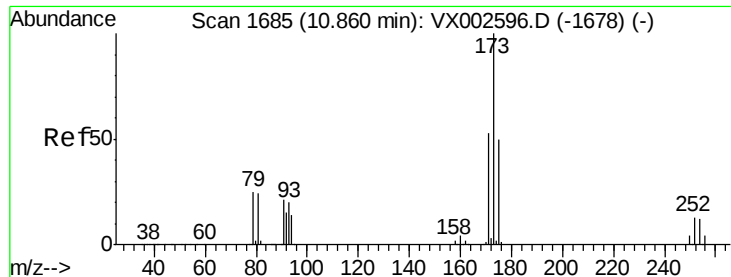
#70
Styrene
Concen: 19.68 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:104 Resp: 187209
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.8 44.2 66.4



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

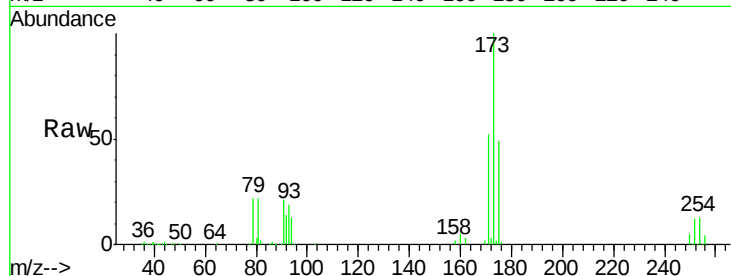




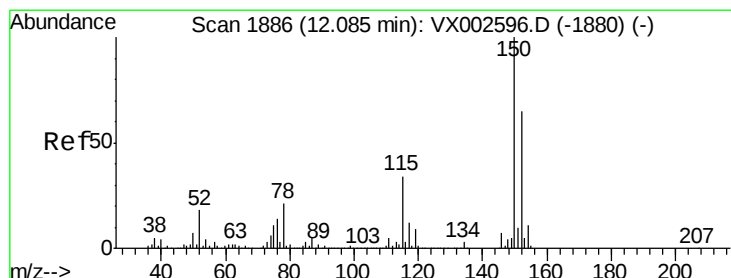
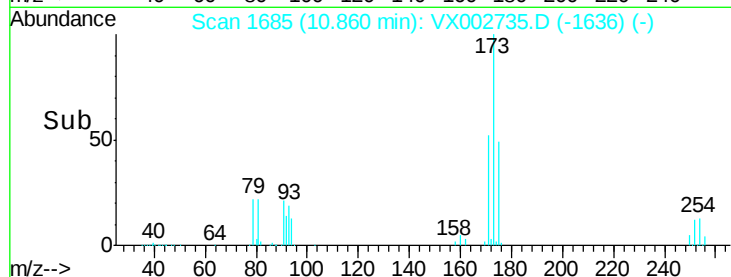
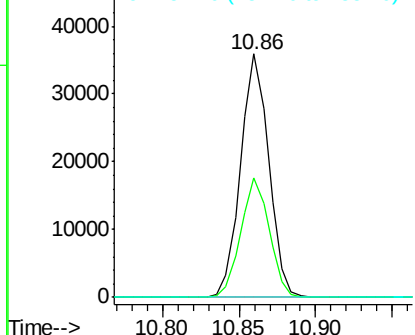
#71
Bromoform
Concen: 19.62 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 45965
Ion Ratio Lower Upper
173 100
175 49.9 24.7 74.1
254 0.1 0.2 0.2#

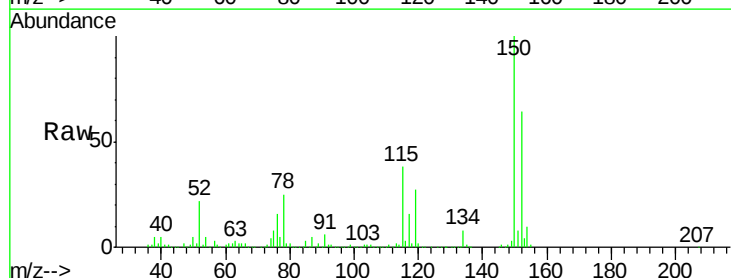


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

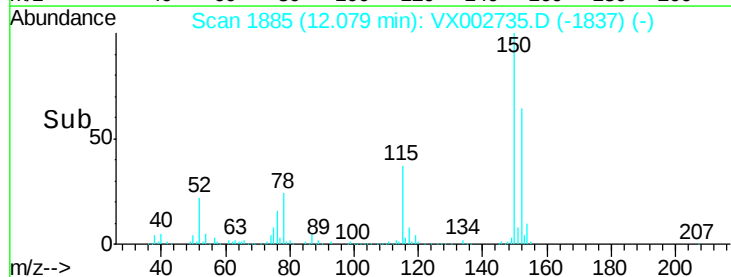
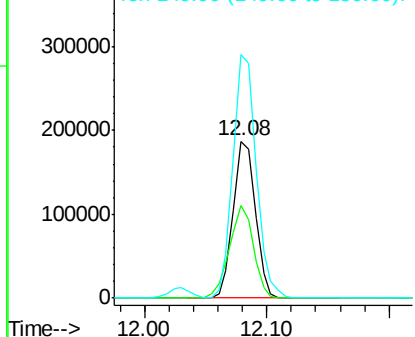


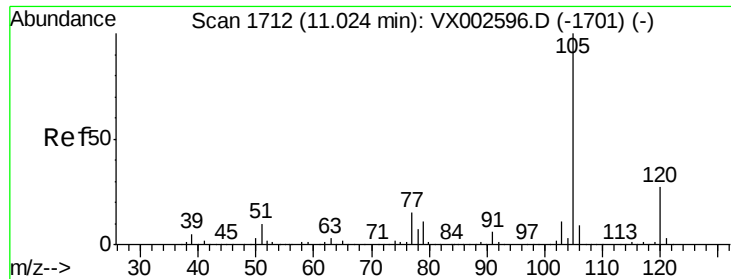
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:152 Resp: 234593
Ion Ratio Lower Upper
152 100
115 63.8 40.1 120.2
150 162.1 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: 19.56 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

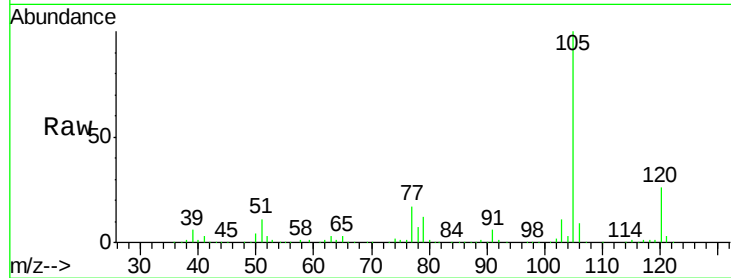
ClientSampled :

Tot Ion:105 Resp: 306911

Ion Ratio Lower Upper

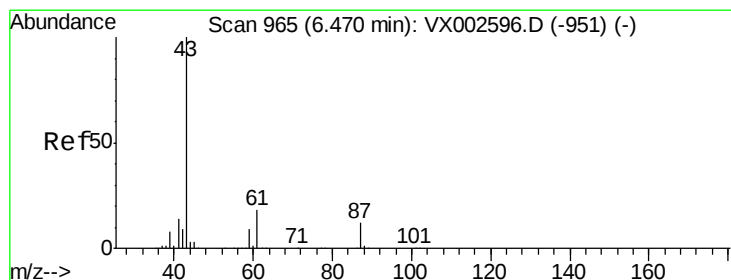
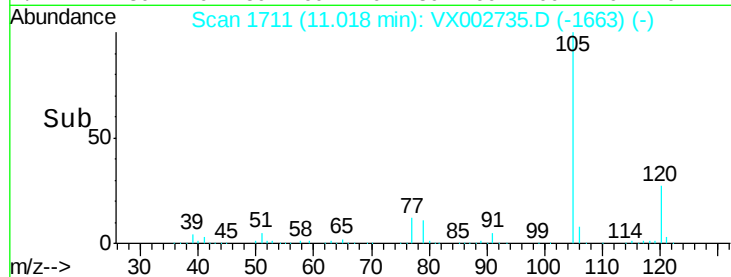
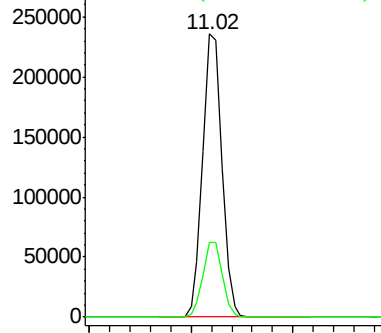
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion: 43 Resp: 141144

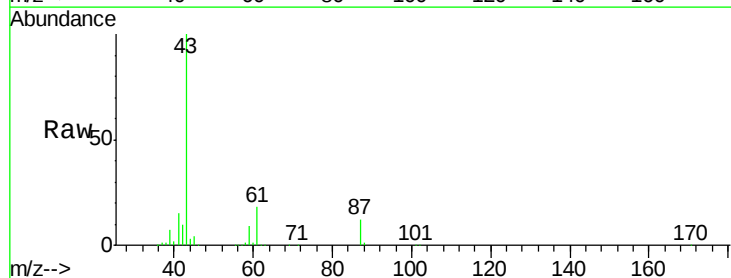
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 18.1 14.4 21.6

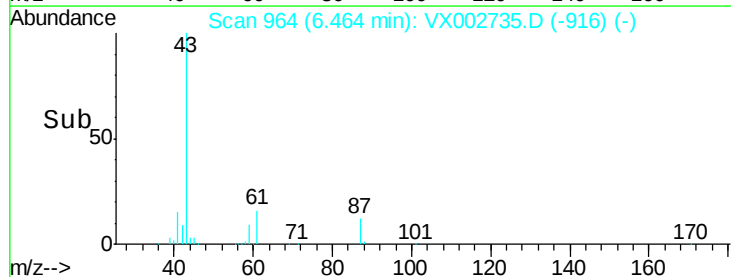
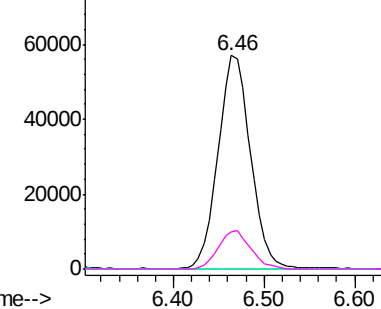


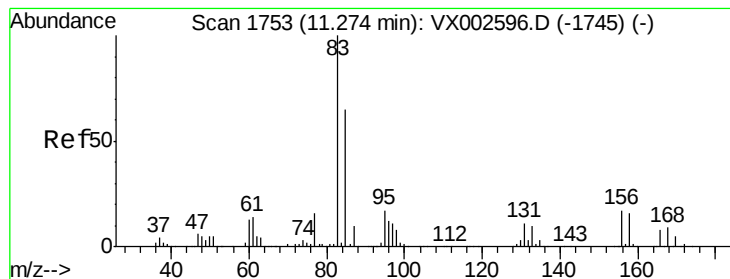
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.64 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

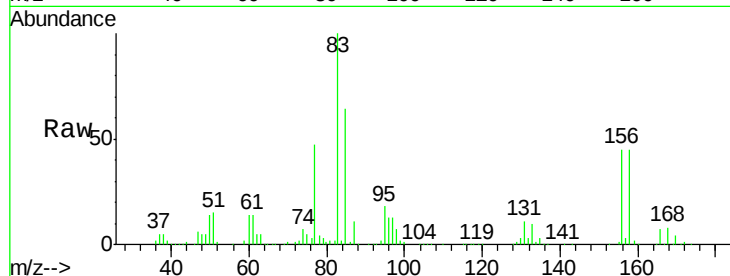
Tot Ion: 83 Resp: 91012

Ion Ratio Lower Upper

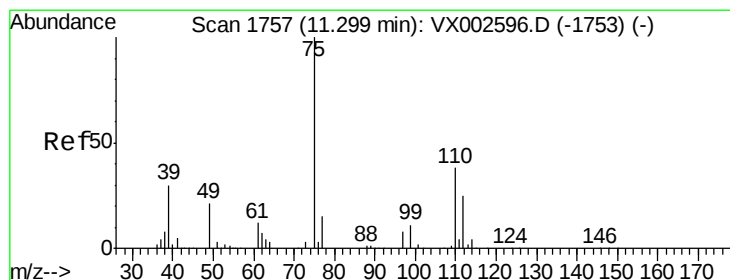
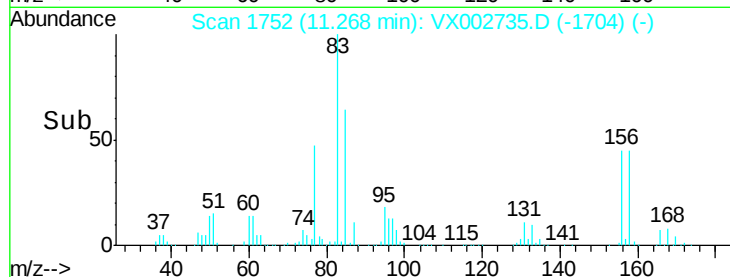
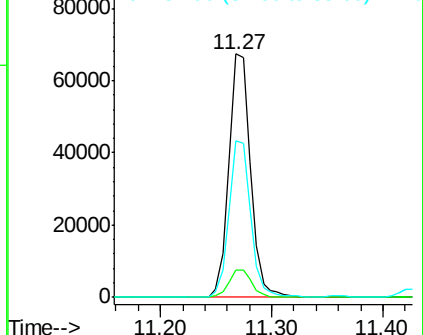
83 100

131 11.6 5.6 16.8

85 64.5 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: 23.02 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002735.D

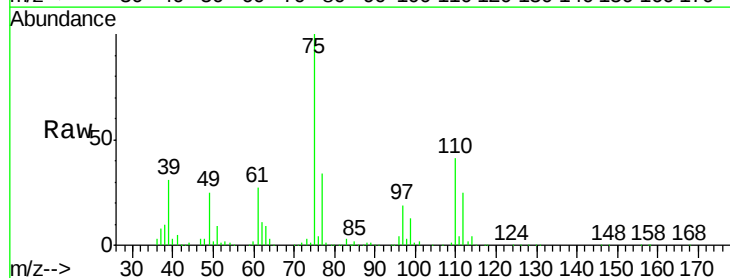
Acq: 20 Jun 2018 12:22

Tgt Ion: 75 Resp: 101887

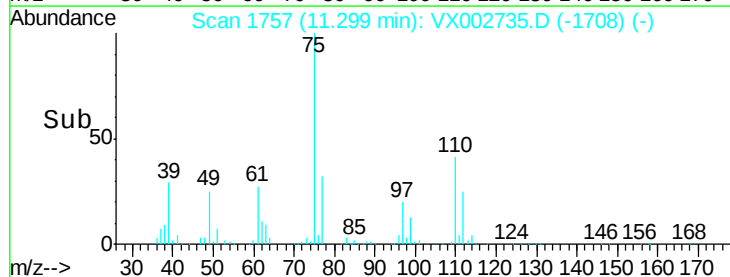
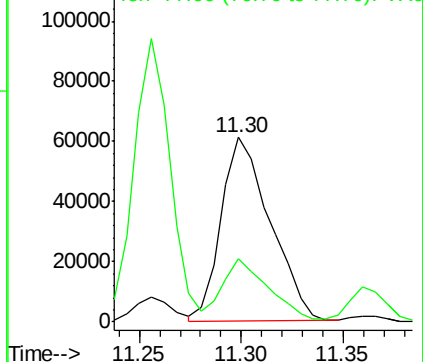
Ion Ratio Lower Upper

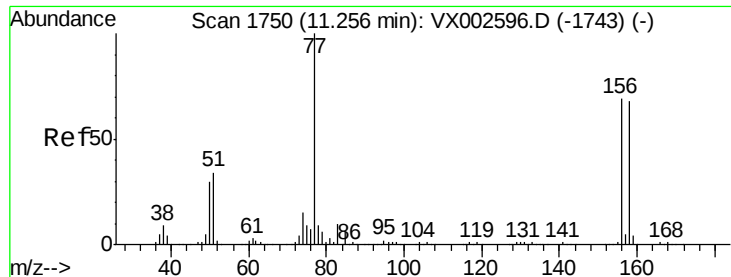
75 100

77 32.5 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: 19.23 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

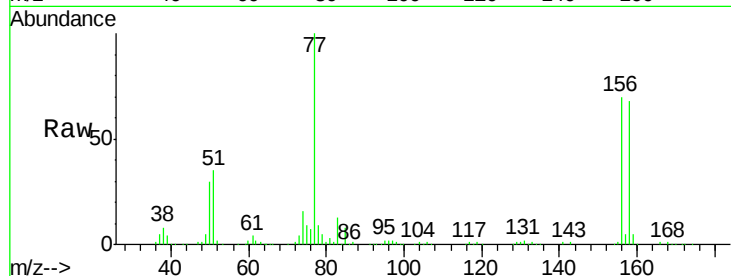
Tot Ion:156 Resp: 84052

Ion Ratio Lower Upper

156 100

77 138.5 71.4 214.2

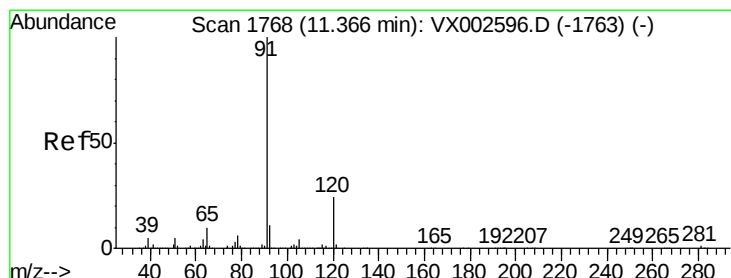
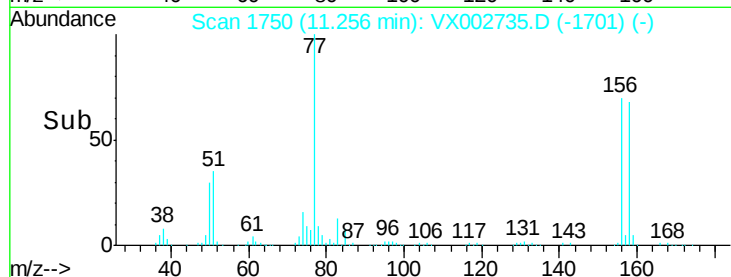
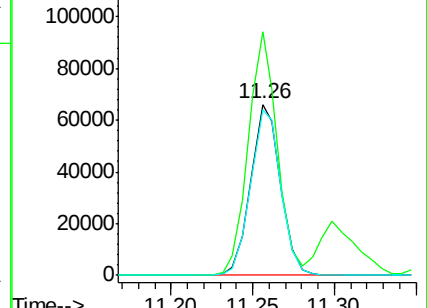
158 98.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.65 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002735.D

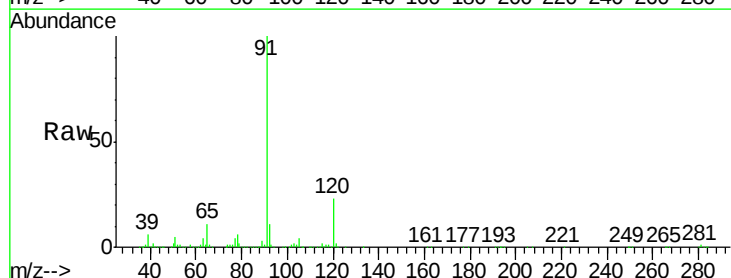
Acq: 20 Jun 2018 12:22

Tgt Ion: 91 Resp: 353500

Ion Ratio Lower Upper

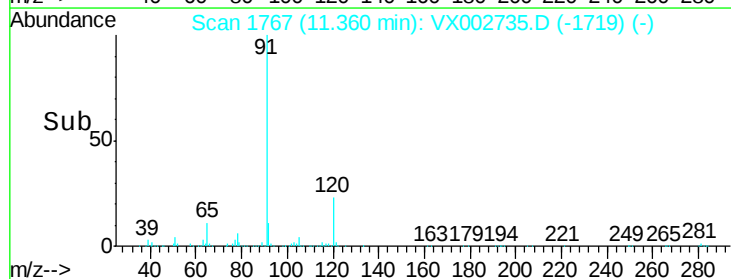
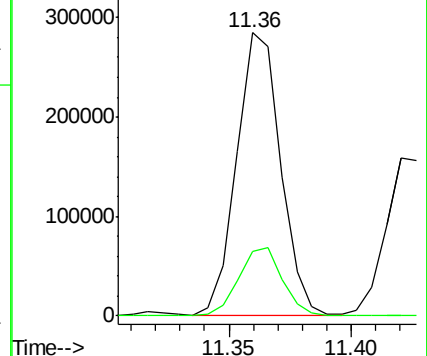
91 100

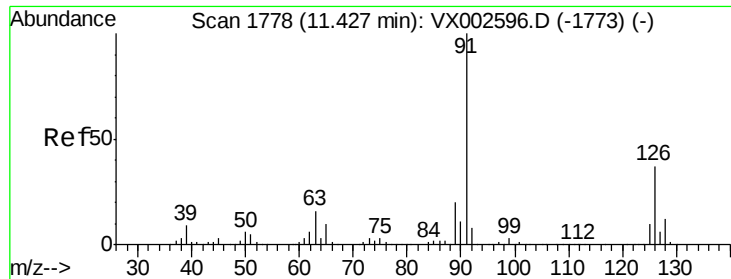
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.20 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

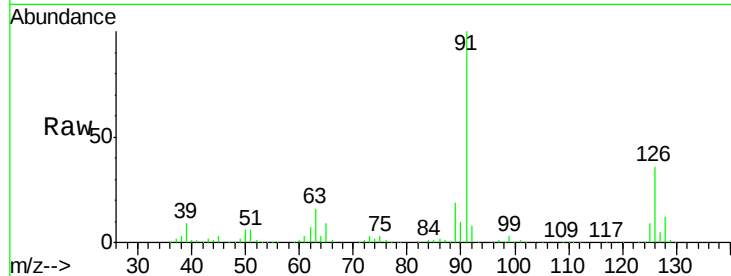
ClientSampleId :

Tot Ion: 91 Resp: 206289

Ion Ratio Lower Upper

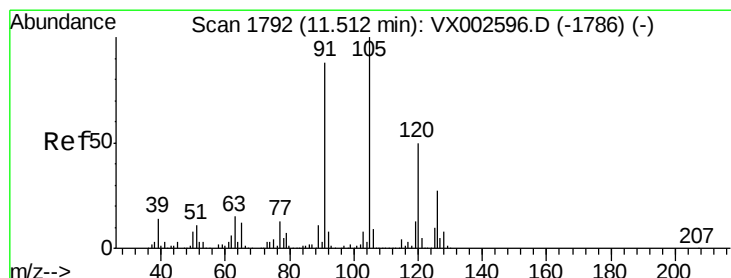
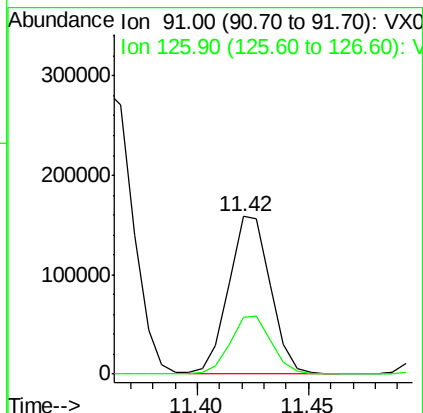
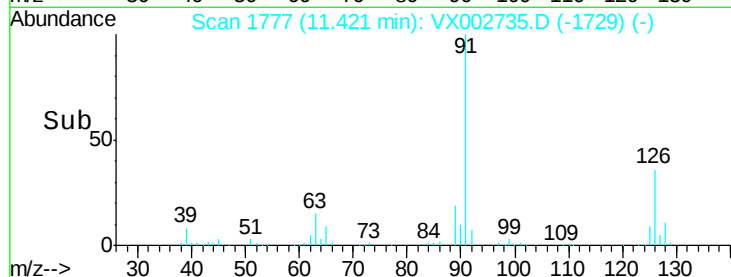
91 100

126 36.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002735.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX002735.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.67 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX002735.D

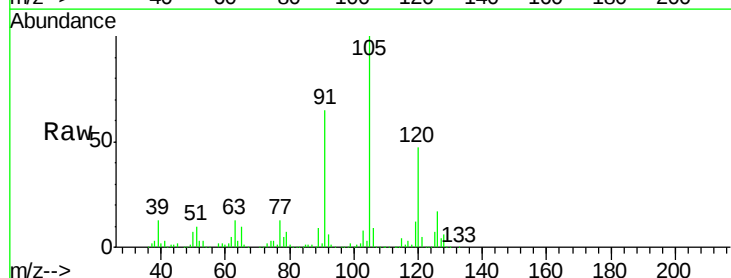
Acq: 20 Jun 2018 12:22

Tgt Ion: 105 Resp: 260870

Ion Ratio Lower Upper

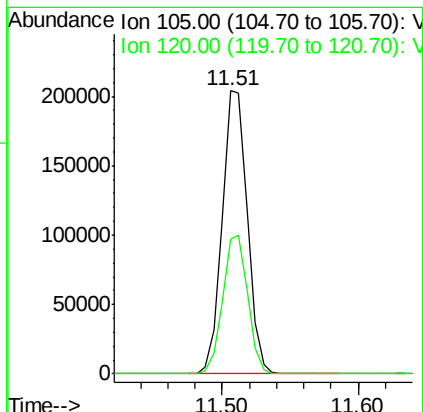
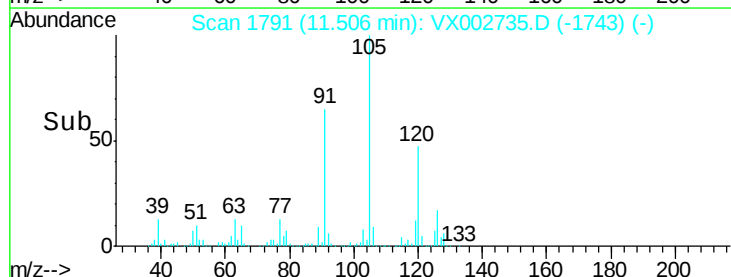
105 100

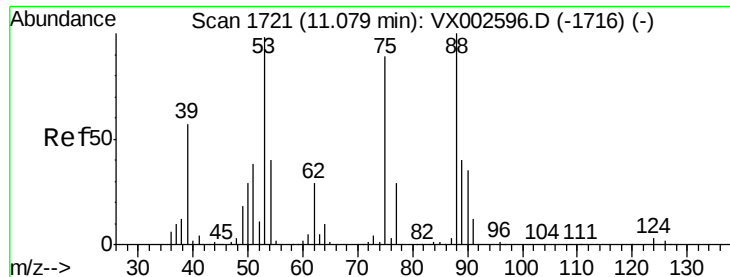
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002735.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002735.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.49 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampled :

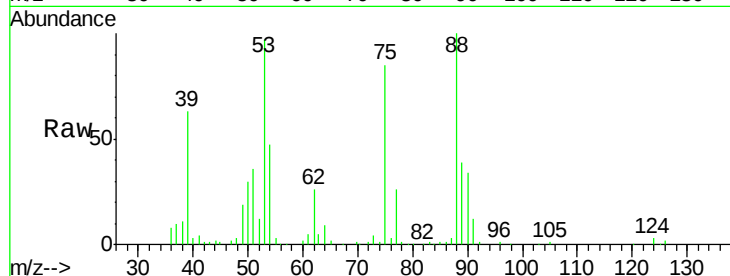
Tot Ion: 75 Resp: 23109

Ion Ratio Lower Upper

75 100

53 117.9 86.8 130.2

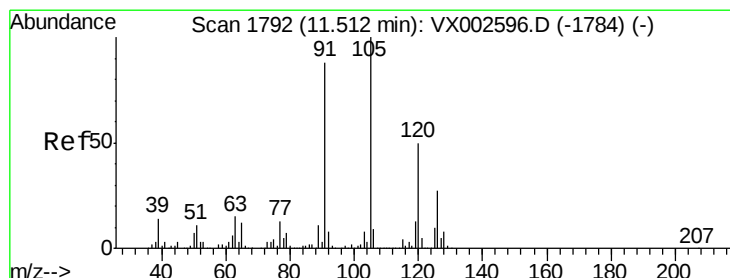
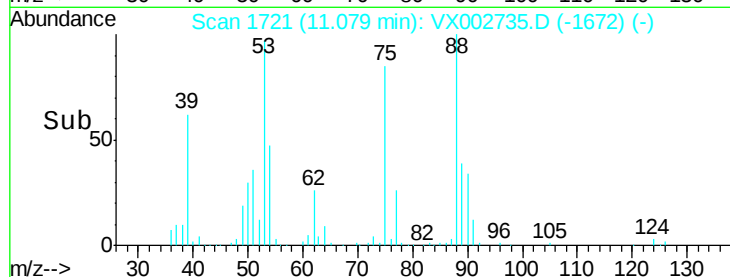
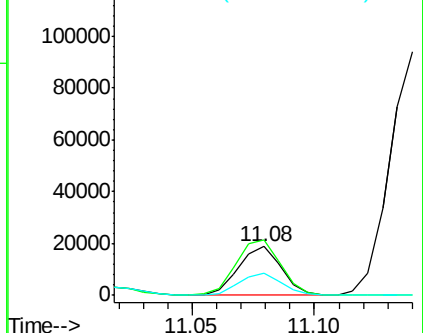
89 46.5 38.2 57.2



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: 19.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002735.D

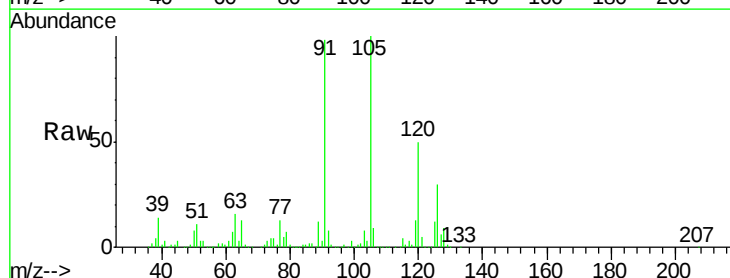
Acq: 20 Jun 2018 12:22

Tgt Ion: 91 Resp: 248509

Ion Ratio Lower Upper

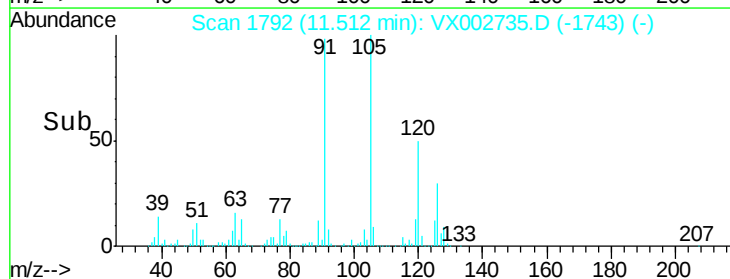
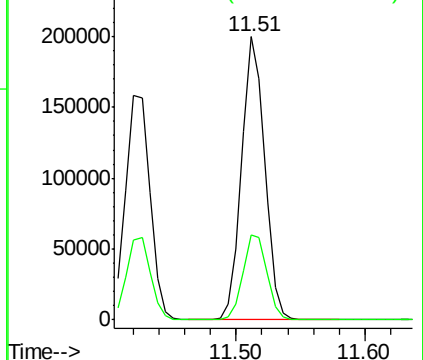
91 100

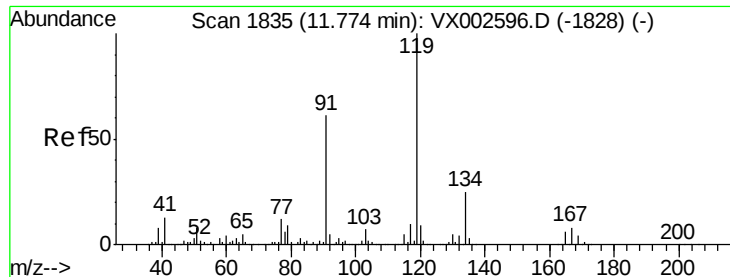
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

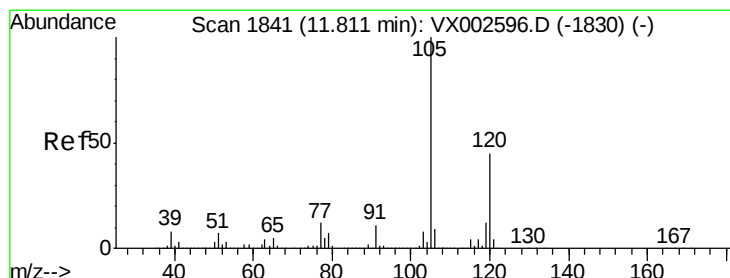
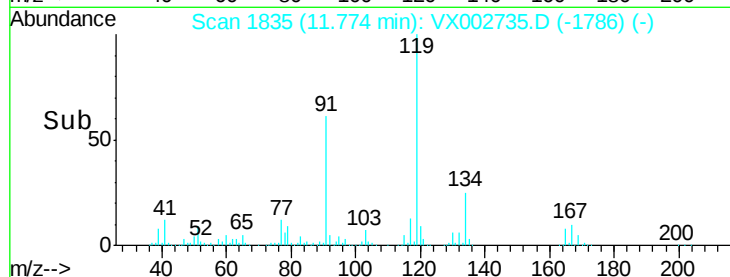
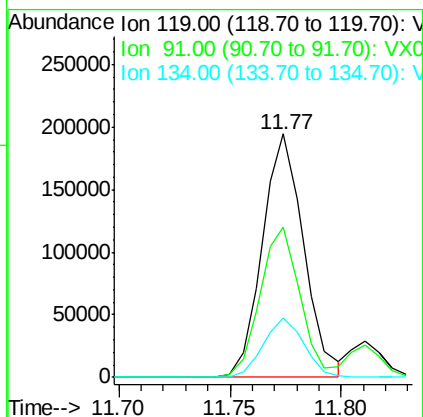
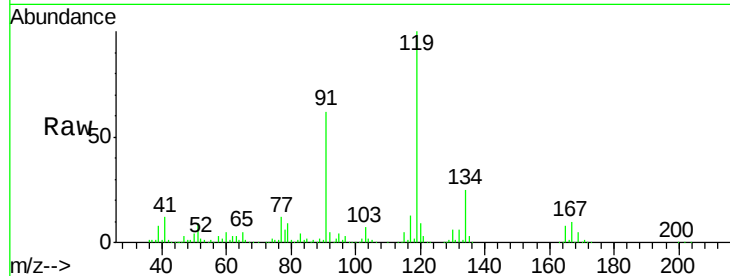




#83
tert-Butylbenzene
Concen: 19.63 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

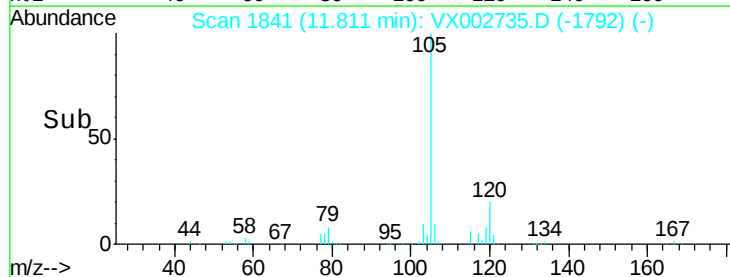
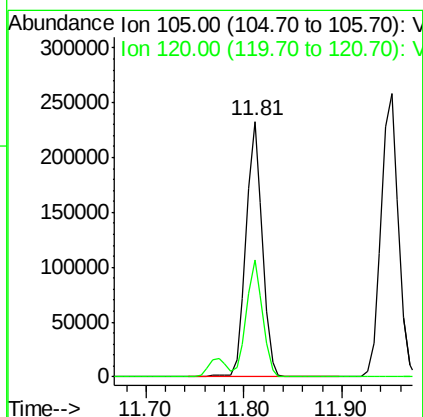
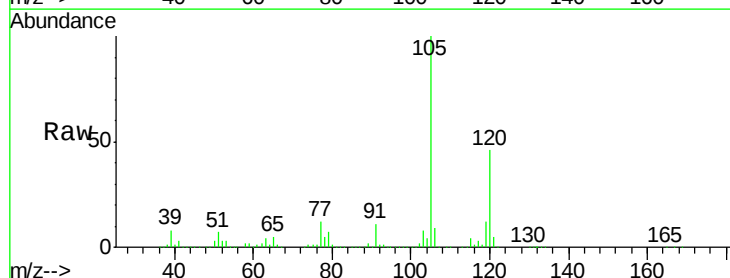
Instrument :
MSVOA_X
ClientSampleId :

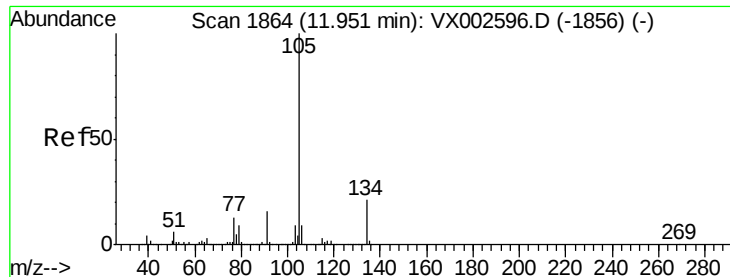
Tot Ion:119 Resp: 250757
Ion Ratio Lower Upper
119 100
91 59.0 30.3 90.9
134 24.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.91 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:105 Resp: 269339
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

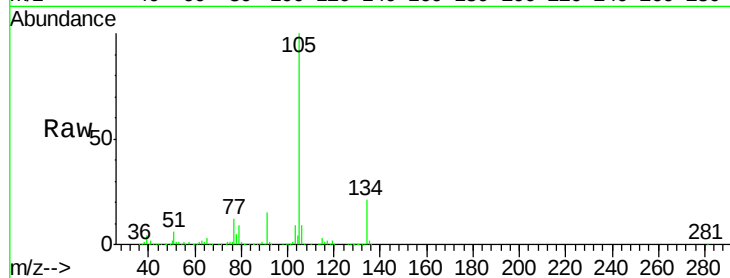
ClientSampled :

Tot Ion:105 Resp: 316207

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

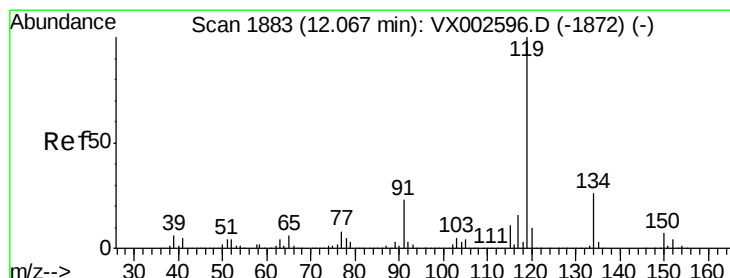
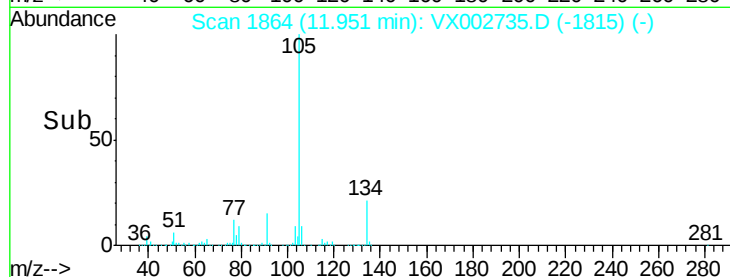
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

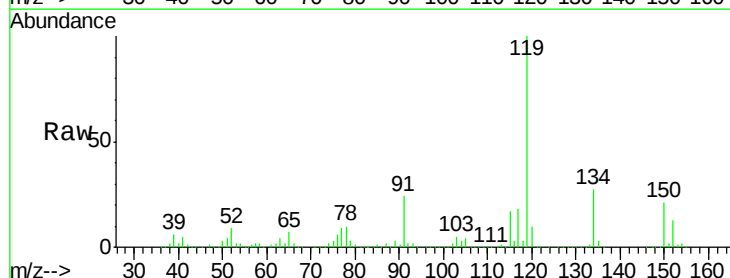
Tgt Ion:119 Resp: 285749

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.2 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

300000

250000

200000

150000

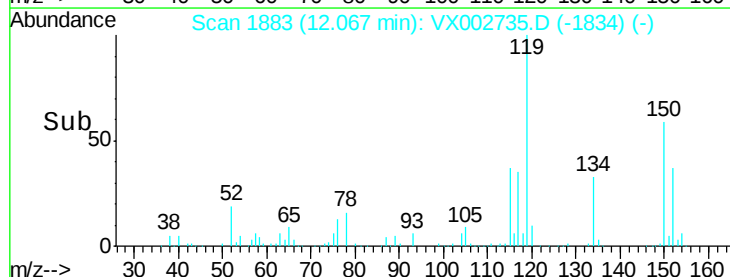
100000

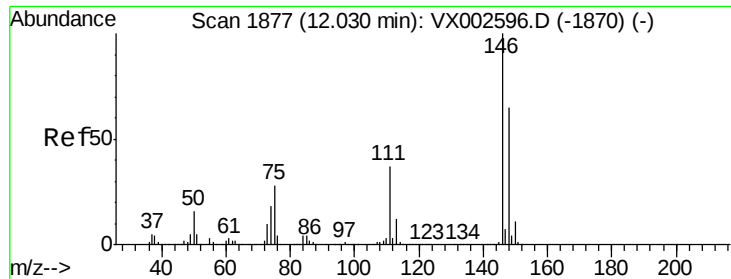
50000

0

12.00 12.10 12.20

Time-->

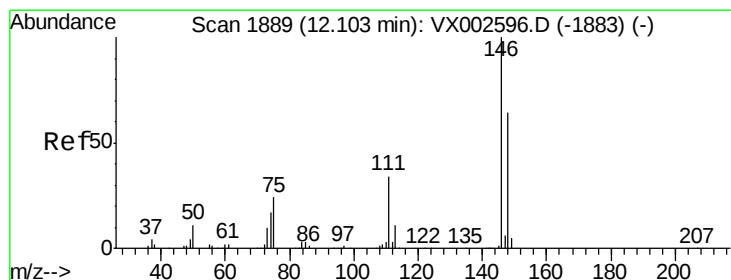
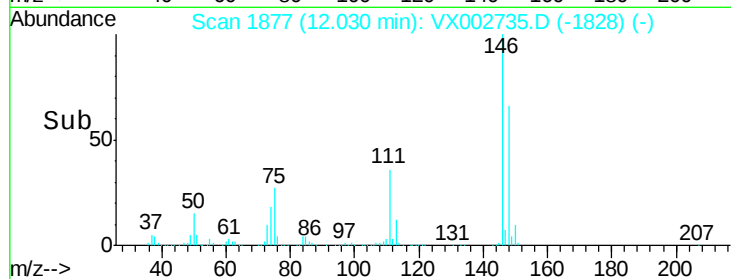
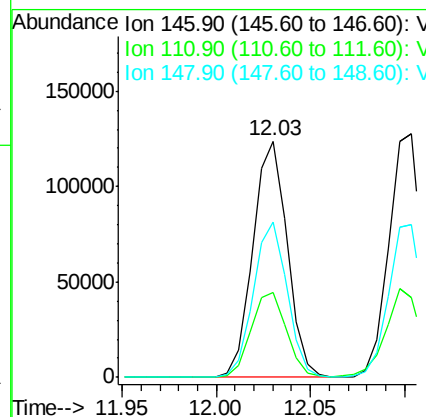
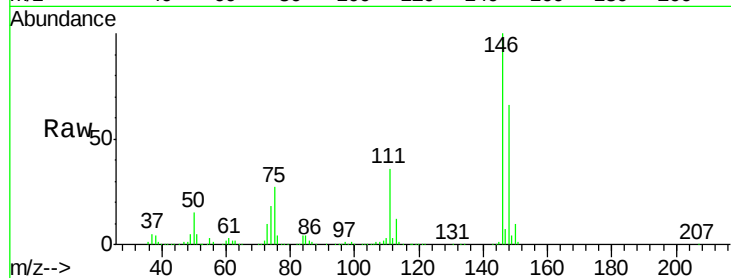




#87
 1,3-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

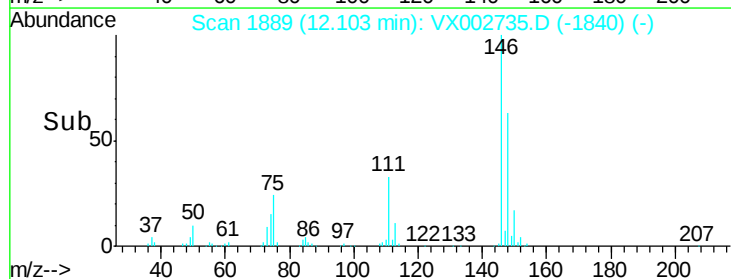
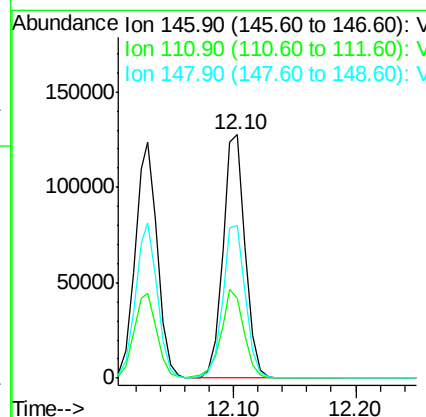
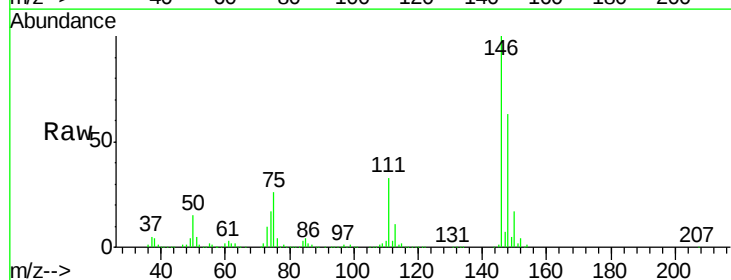
Instrument :
 MSVOA_X
 ClientSampleId :

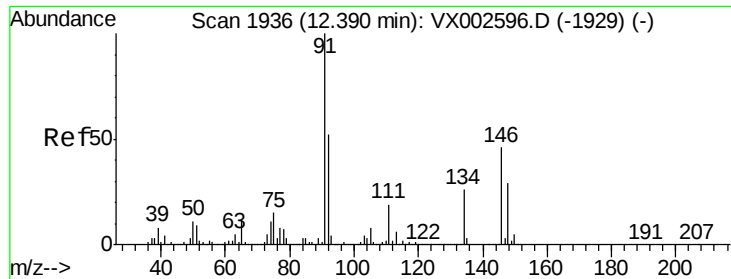
Tot Ion:146 Resp: 156348
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion:146 Resp: 160784
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 19.61 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

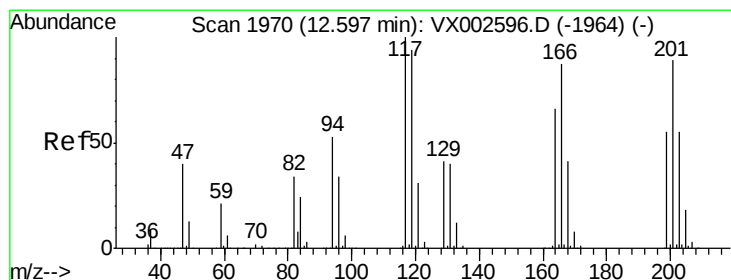
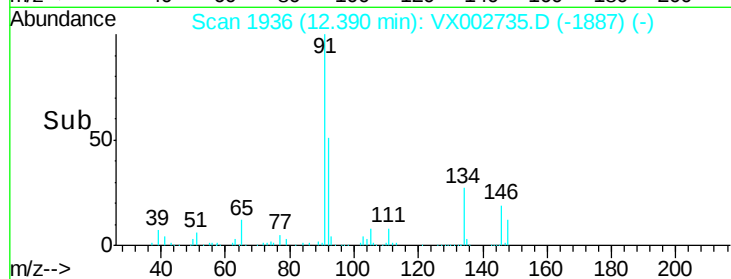
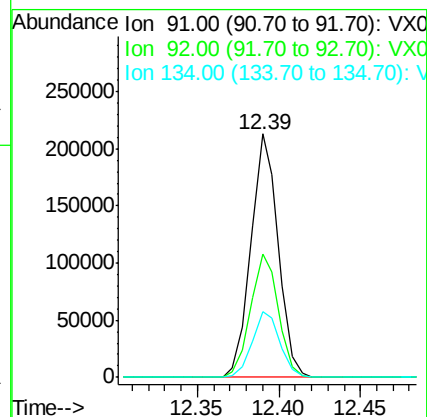
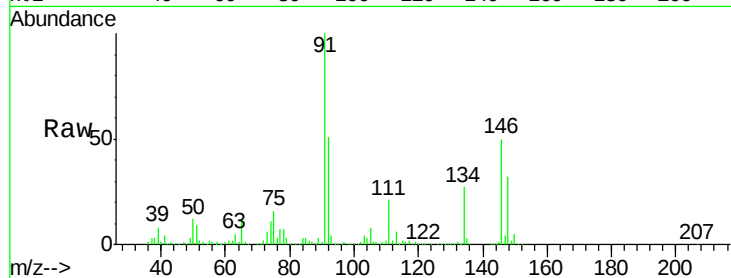
Tot Ion: 91 Resp: 248579

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 18.92 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002735.D

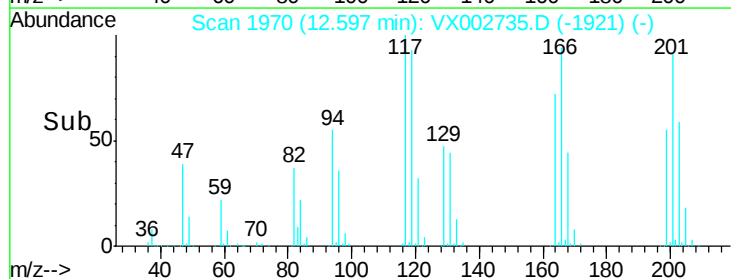
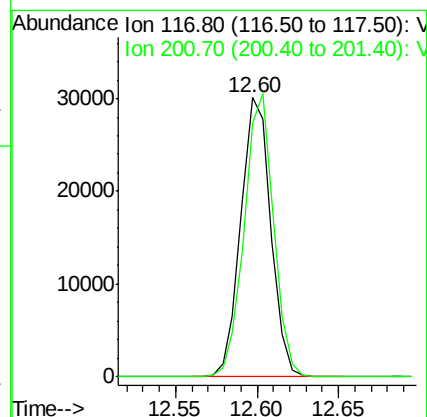
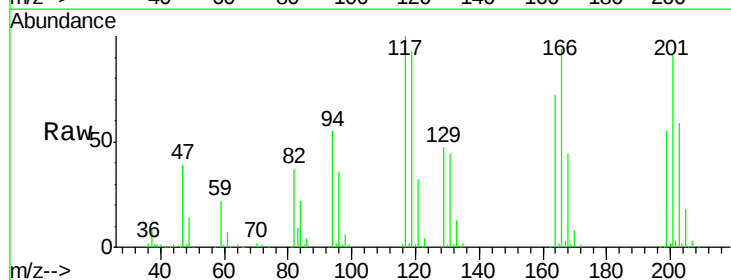
Acq: 20 Jun 2018 12:22

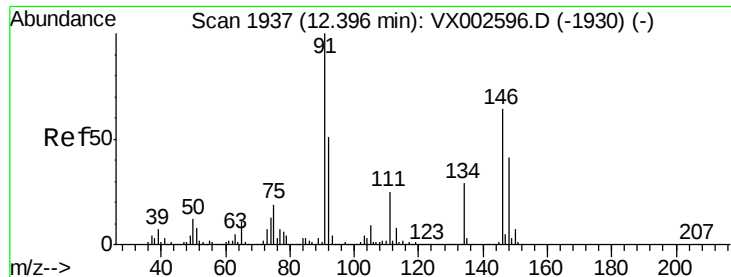
Tgt Ion: 117 Resp: 38528

Ion Ratio Lower Upper

117 100

201 99.4 49.0 147.0

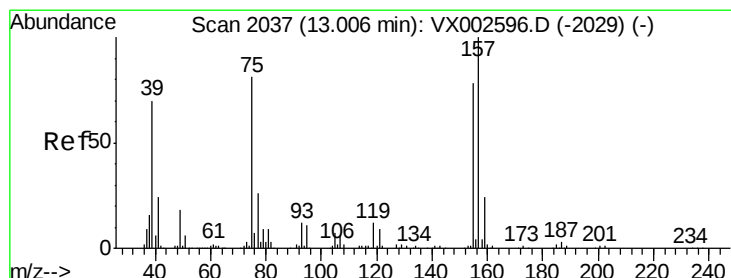
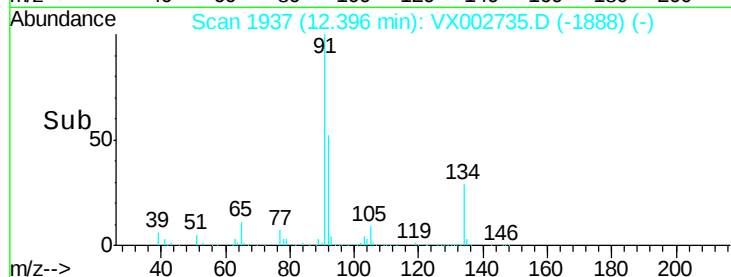
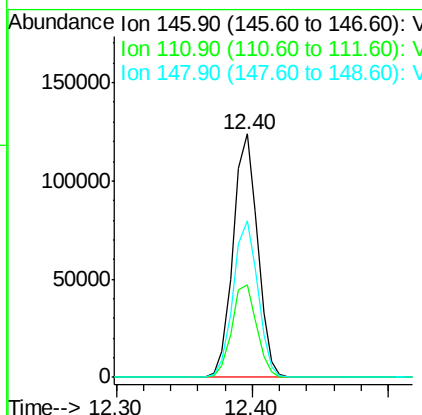
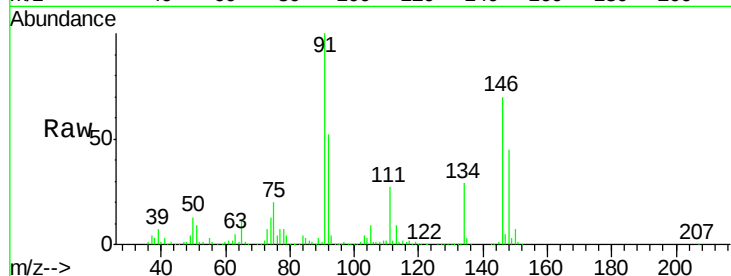




#91
 1,2-Dichlorobenzene
 Concen: 19.20 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

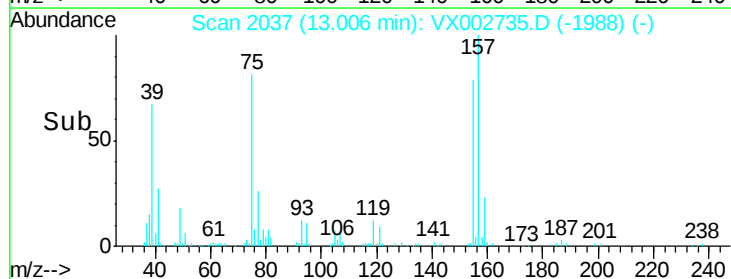
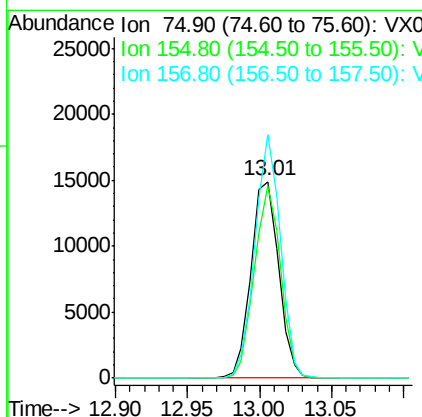
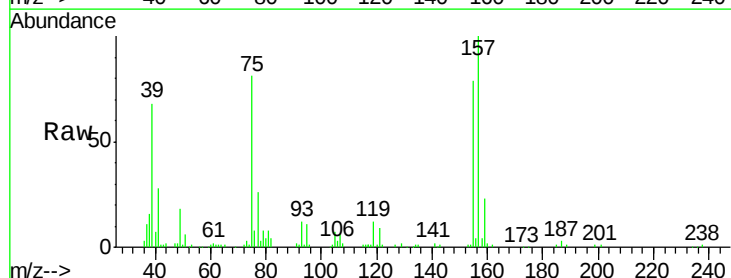
Instrument :
 MSVOA_X
 ClientSampleId :

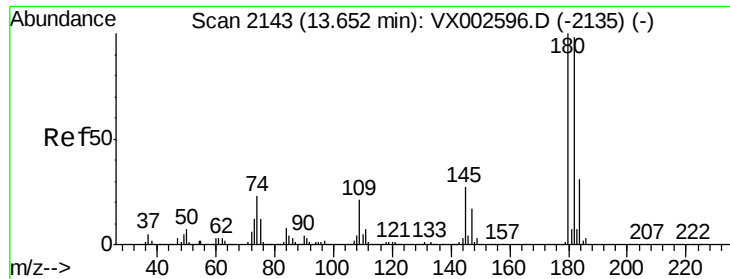
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	65.0	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.36 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	45.8	137.4
157	113.8	60.1	180.3

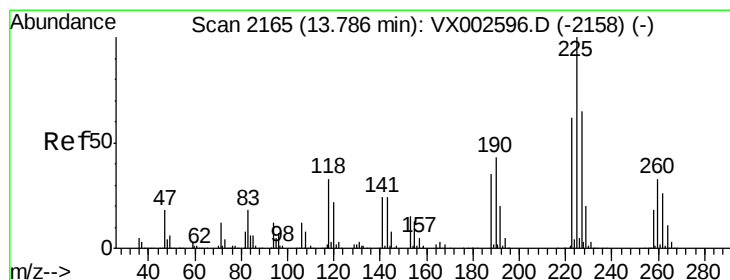
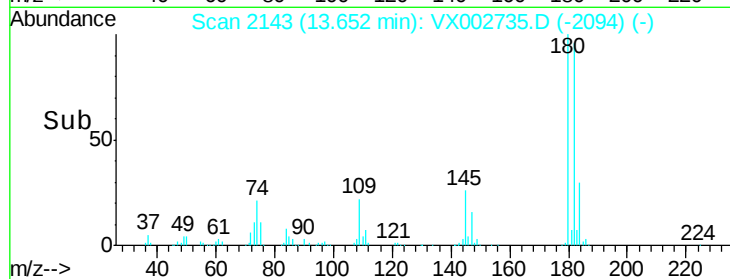
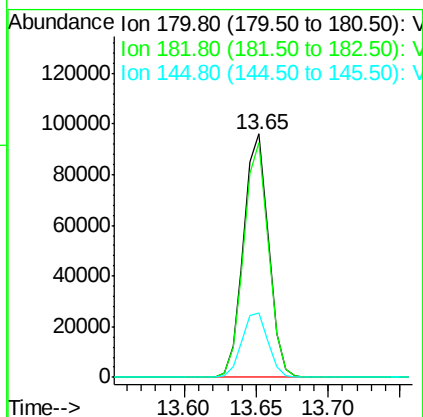
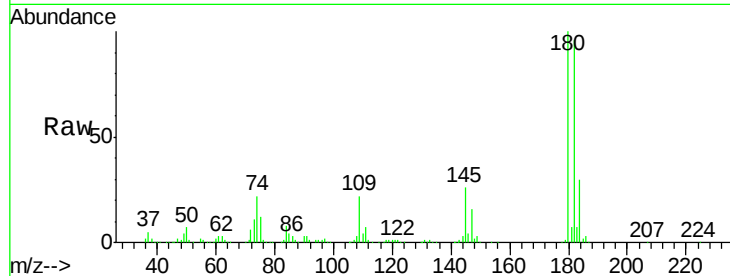




#93
 1,2,4-Trichlorobenzene
 Concen: 19.81 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

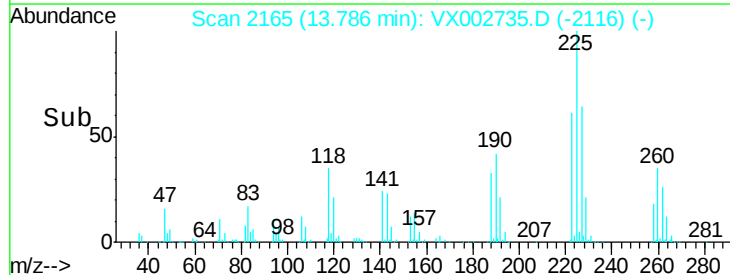
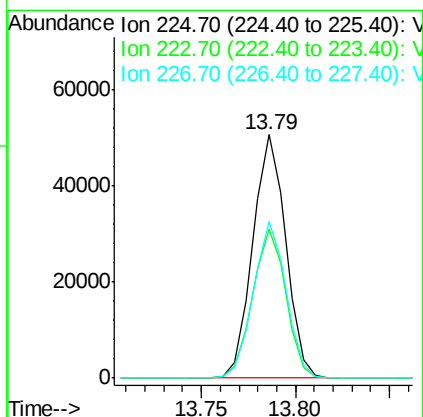
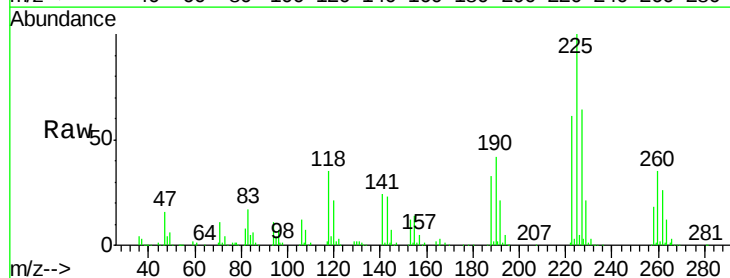
Instrument :
 MSVOA_X
 ClientSampleId :

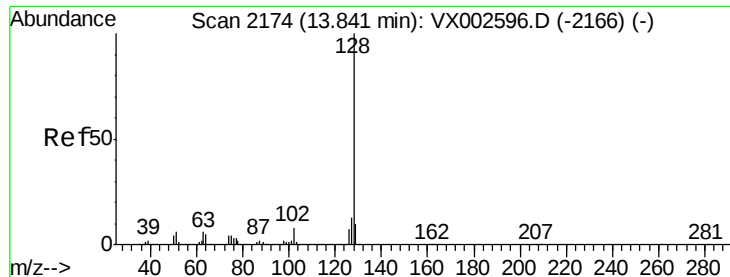
Tot Ion:180 Resp: 115989
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion:225 Resp: 61430
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 95.0
 227 63.4 32.4 97.2

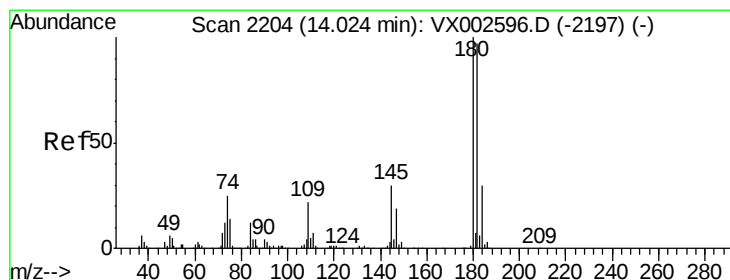
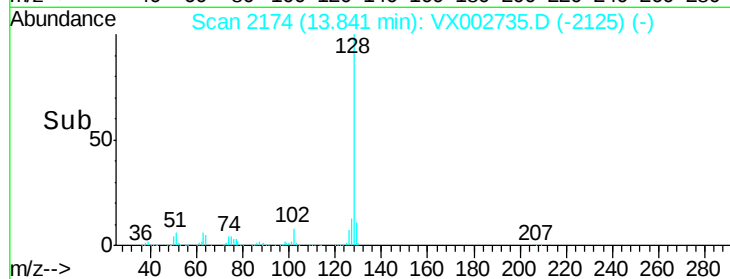
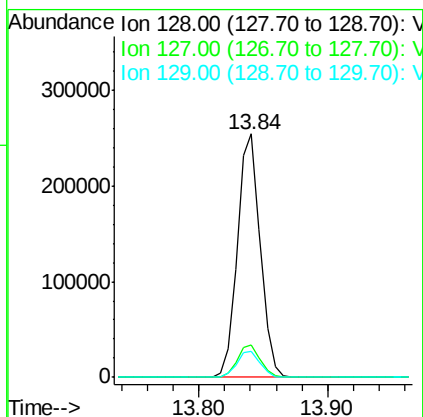
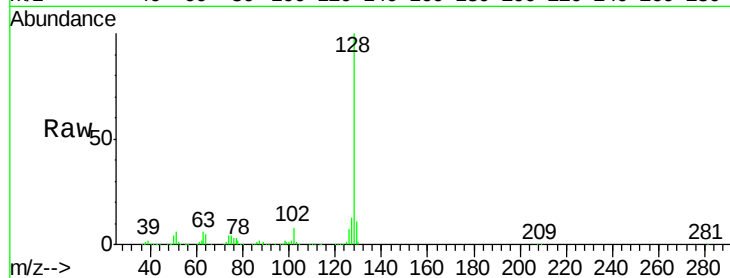




#95
Naphthalene
Concen: 19.87 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 313127
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.80 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:180 Resp: 116435
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 29.9 14.8 44.3

