

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003067.D
 Acq On : 30 Jun 2018 08:41
 Operator : JC/MD
 Sample : J3675-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Quant Time: Jun 30 09:39:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228845	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	186933	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	156490	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	8.72	98	541717	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.14	95	211430	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	146715	60.09	ug/l	97
3) Chloromethane	1.32	50	149823	59.26	ug/l	100
4) Vinyl Chloride	1.41	62	167899	54.23	ug/l	# 89
5) Bromomethane	1.64	94	68476	47.23	ug/l	99
6) Chloroethane	1.72	64	99695	55.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	253646	48.57	ug/l	99
8) Diethyl Ether	2.19	74	95221	50.16	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140150	46.32	ug/l	97
10) Methyl Iodide	2.51	142	131647	43.78	ug/l	98
11) Tert butyl alcohol	3.08	59	153866	204.13	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133924	49.60	ug/l	94
13) Acrolein	2.30	56	85221	204.71	ug/l	100
14) Allyl chloride	2.73	41	245112	46.06	ug/l	96
15) Acrylonitrile	3.15	53	391285	243.03	ug/l	100
16) Acetone	2.45	43	354001	225.91	ug/l	98
17) Carbon Disulfide	2.57	76	363838	50.58	ug/l	98
18) Methyl Acetate	2.78	43	153469	35.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	480760	49.53	ug/l	99
20) Methylene Chloride	2.86	84	149019	48.87	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	144550	49.16	ug/l	94
22) Diisopropyl ether	3.88	45	514793	50.60	ug/l	96
23) Vinyl Acetate	3.83	43	1718699	199.52	ug/l	98
24) 1,1-Dichloroethane	3.70	63	277619	50.21	ug/l	99
25) 2-Butanone	4.71	43	553274	237.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	103842	23.10	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	170126	51.60	ug/l	89
28) Bromochloromethane	5.03	49	130327	49.24	ug/l	94
29) Tetrahydrofuran	5.17	42	361606	242.47	ug/l	97
30) Chloroform	5.22	83	290851	51.26	ug/l	97
31) Cyclohexane	5.57	56	235462	49.62	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	256259	51.33	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205947	48.19	ug/l	98
37) Ethyl Acetate	4.87	43	176457	38.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	229490	48.94	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003067.D
 Acq On : 30 Jun 2018 08:41
 Operator : JC/MD
 Sample : J3675-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Quant Time: Jun 30 09:39:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219974	44.19	ug/l	99
40) Benzene	6.15	78	618549	49.82	ug/l	99
41) Methacrylonitrile	5.07	41	127869	48.26	ug/l	98
42) 1,2-Dichloroethane	6.20	62	238932	47.64	ug/l	100
43) Isopropyl Acetate	6.47	43	315863	40.93	ug/l	98
44) Trichloroethene	7.21	130	178228	48.14	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159848	48.53	ug/l	97
46) Dibromomethane	7.67	93	111298	48.69	ug/l	96
47) Bromodichloromethane	7.90	83	212768	50.35	ug/l	98
48) Methyl methacrylate	7.78	41	190809	47.99	ug/l	96
49) 1,4-Dioxane	7.76	88	62757	811.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1168736	242.07	ug/l	98
52) Toluene	8.79	92	394104	49.55	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	217619	45.47	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	205821	44.70	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162160	49.61	ug/l	97
56) Ethyl methacrylate	9.18	69	242256	50.71	ug/l	94
57) 1,3-Dichloropropane	9.38	76	263516	49.09	ug/l	99
59) 2-Hexanone	9.50	43	874695	238.38	ug/l	97
60) Dibromochloromethane	9.59	129	174253	50.64	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169844	49.54	ug/l	99
64) Tetrachloroethene	9.34	164	173698	42.62	ug/l	99
65) Chlorobenzene	10.14	112	451118	48.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171201	50.62	ug/l	100
67) Ethyl Benzene	10.26	91	769251	50.02	ug/l	99
68) m/p-Xylenes	10.36	106	593937	100.20	ug/l	98
69) o-Xylene	10.70	106	290154	50.27	ug/l	98
70) Stvrene	10.71	104	483063	51.51	ug/l	99
71) Bromoform	10.86	173	136786	45.17	ug/l #	99
73) Isopropylbenzene	11.02	105	779956	50.66	ug/l	100
74) N-amyl acetate	6.47	43	315863	41.93	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	246182	51.91	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	253460	61.14	ug/l	80
77) Bromobenzene	11.26	156	221942	50.62	ug/l	97
78) n-propylbenzene	11.37	91	868283	49.55	ug/l	99
79) 2-Chlorotoluene	11.43	91	526775	49.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	641744	49.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48976	35.34	ug/l	99
82) 4-Chlorotoluene	11.51	91	619433	49.32	ug/l	99
83) tert-Butylbenzene	11.77	119	660878	51.72	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	667878	49.71	ug/l	99
85) sec-Butylbenzene	11.95	105	757096	48.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	676617	48.55	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	394499	49.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397525	48.24	ug/l	99
89) n-Butylbenzene	12.39	91	551766	45.48	ug/l	99
90) Hexachloroethane	12.60	117	97782	47.17	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	400554	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52699	49.43	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	281425	47.85	ug/l	99

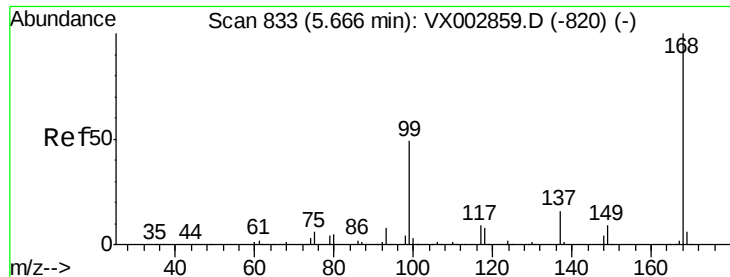
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
Data File : VX003067.D
Acq On : 30 Jun 2018 08:41
Operator : JC/MD
Sample : J3675-10MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S73-0217

Quant Time: Jun 30 09:39:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	132064	45.02	ug/l	100
95) Naphthalene	13.83	128	822744	52.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288836	49.17	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

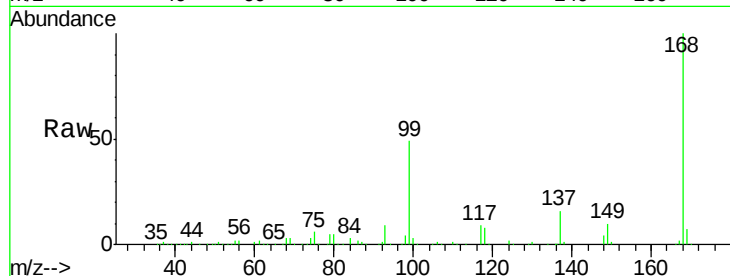
S73-0217

Tot Ion:168 Resp: 273755

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

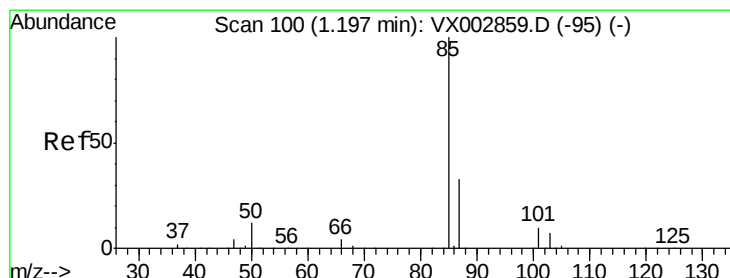
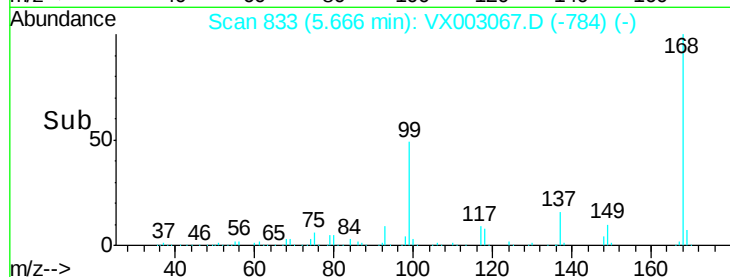
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 60.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003067.D

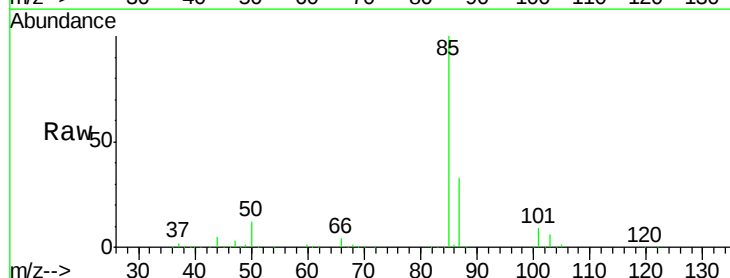
Acq: 30 Jun 2018 08:41

Tgt Ion: 85 Resp: 146715

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

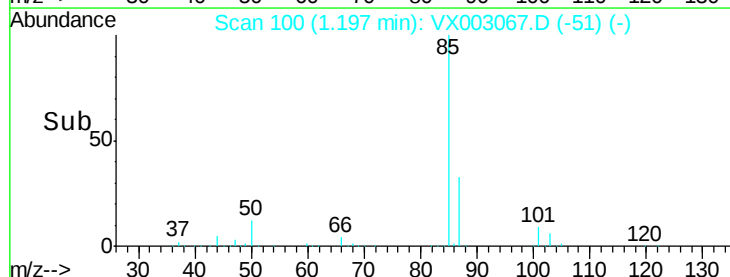
150000

100000

50000

0

Time--> 1.10 1.20 1.30

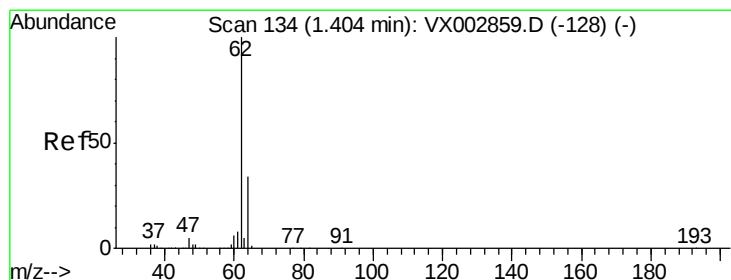
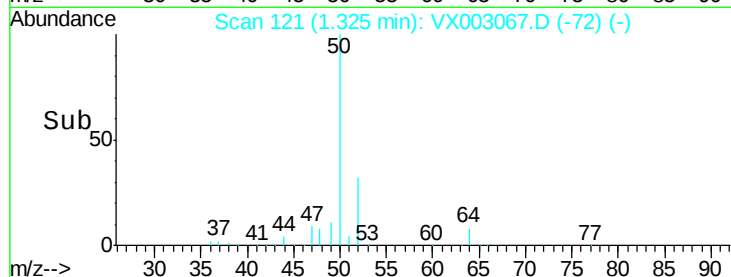
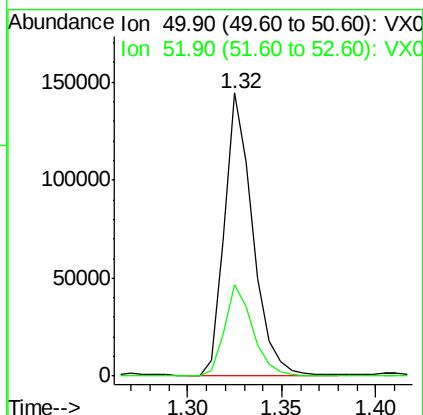
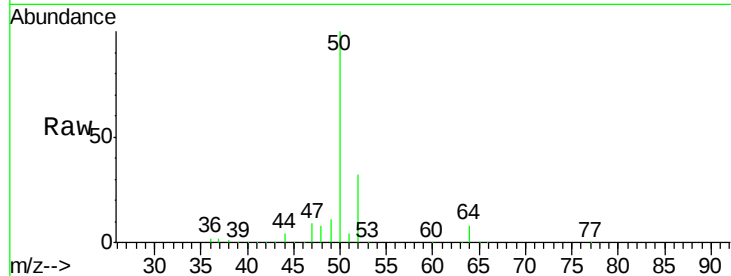




#3
Chloromethane
Concen: 59.26 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

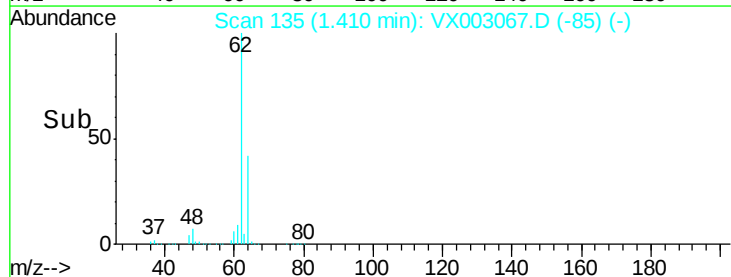
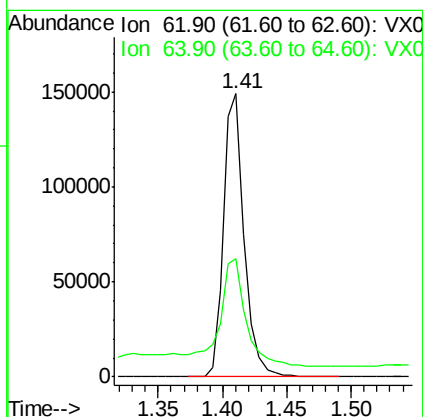
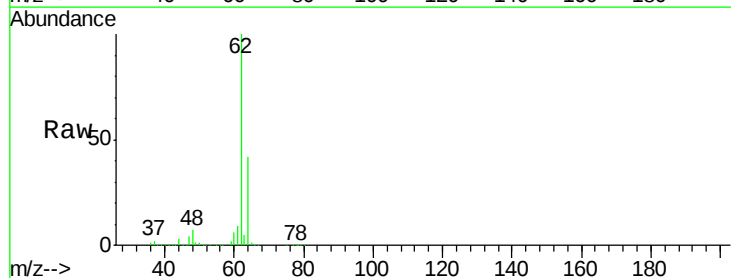
Instrument :
MSVOA_X
ClientSampleId :
S73-0217

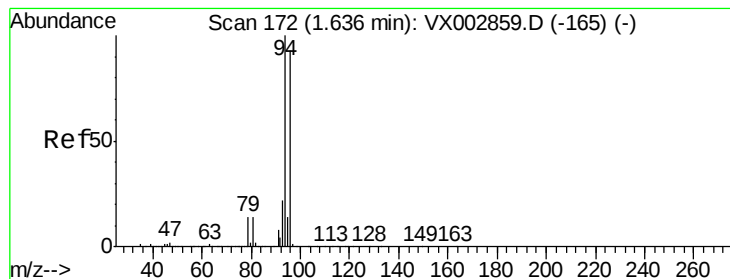
Tot Ion: 50 Resp: 149823
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 54.23 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion: 62 Resp: 167899
Ion Ratio Lower Upper
62 100
64 38.2 25.4 38.2#





#5

Bromomethane

Concen: 47.23 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

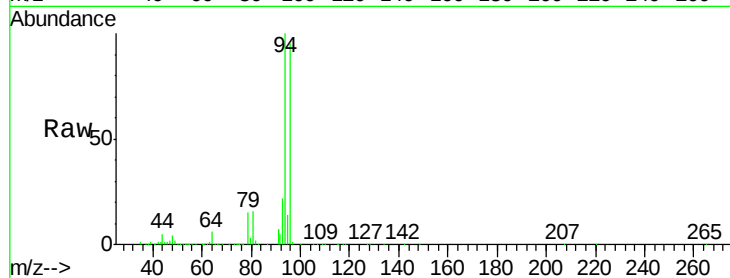
S73-0217

Tot Ion: 94 Resp: 68476

Ion Ratio Lower Upper

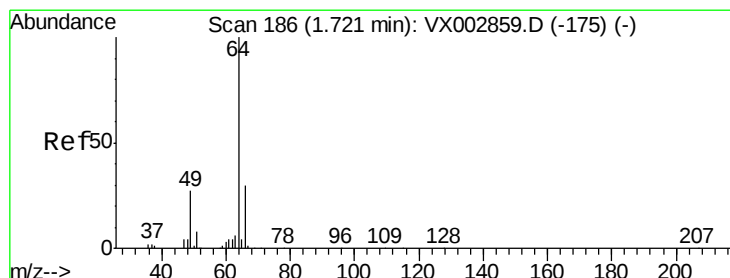
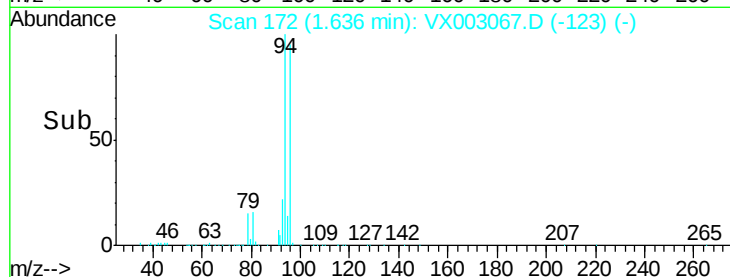
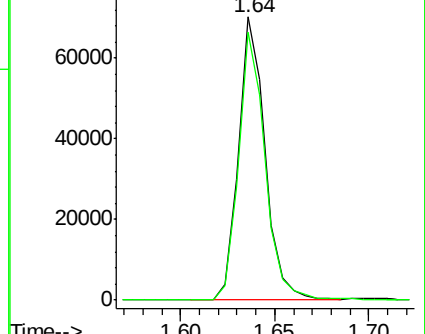
94 100

96 94.8 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: 55.10 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003067.D

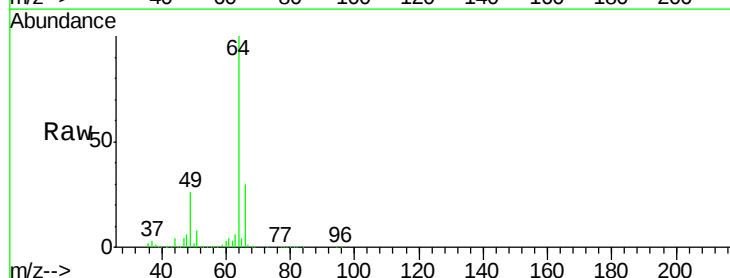
Acq: 30 Jun 2018 08:41

Tgt Ion: 64 Resp: 99695

Ion Ratio Lower Upper

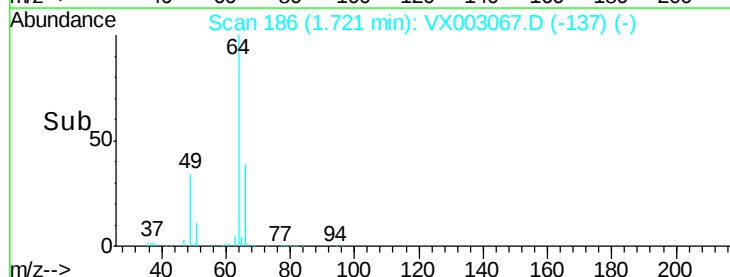
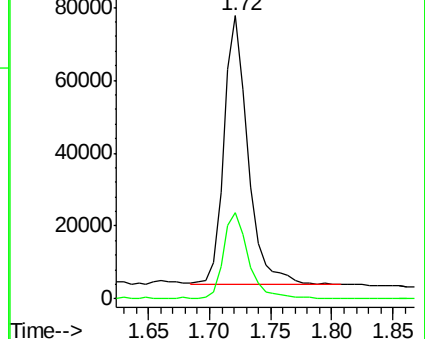
64 100

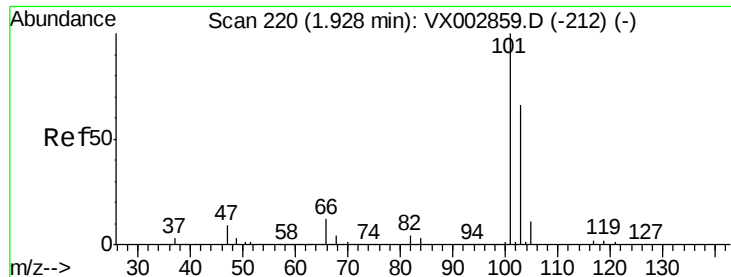
66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



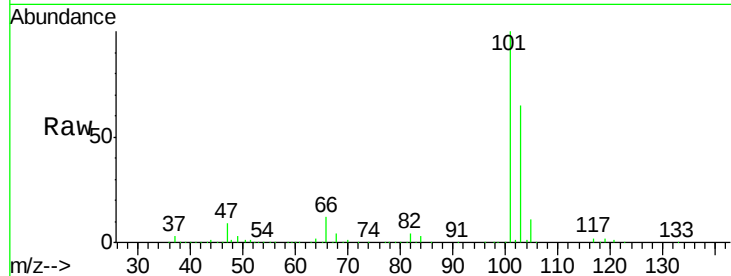


#7

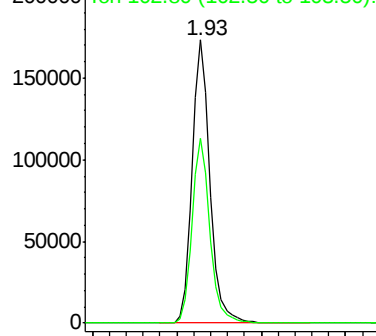
Trichlorofluoromethane
Concen: 48.57 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
S73-0217

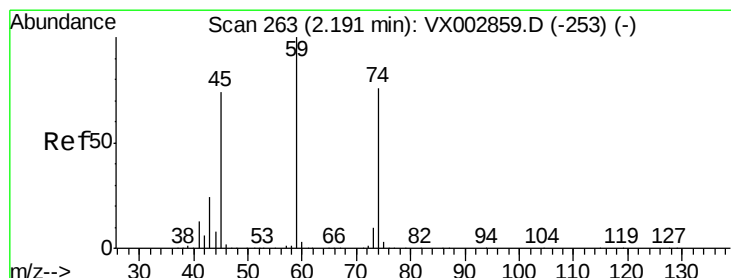
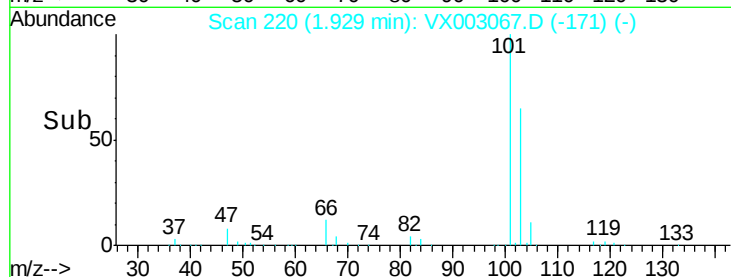
Tot Ion:101 Resp: 253646
Ion Ratio Lower Upper
101 100
103 65.1 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



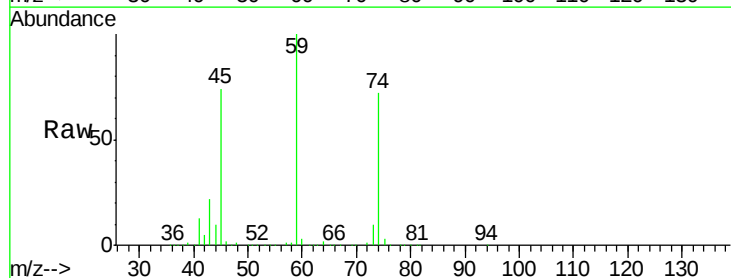
Time--> 1.80 1.90 2.00 2.10



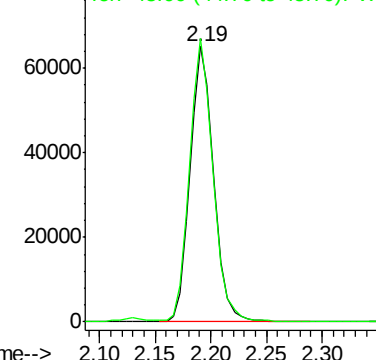
#8

Diethyl Ether
Concen: 50.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

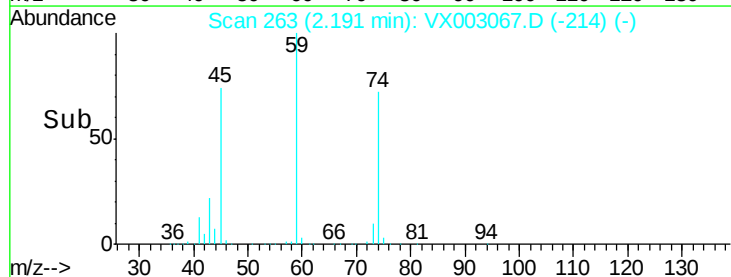
Tgt Ion: 74 Resp: 95221
Ion Ratio Lower Upper
74 100
45 102.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.32 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

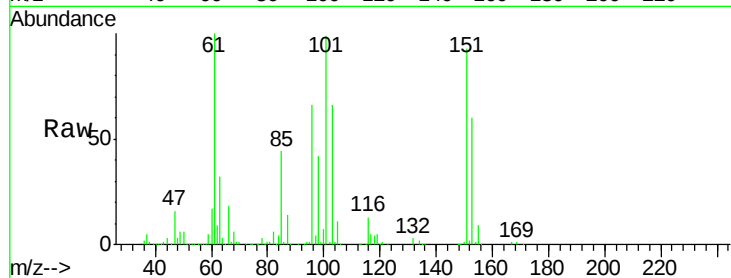
Tot Ion:101 Resp: 140150

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

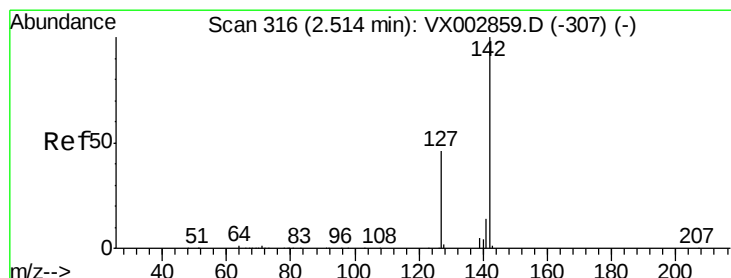
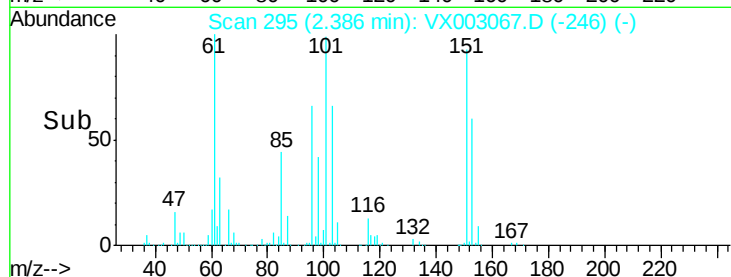
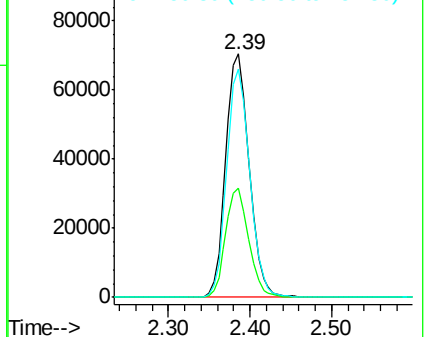
151 91.9 70.9 106.3



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: 43.78 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

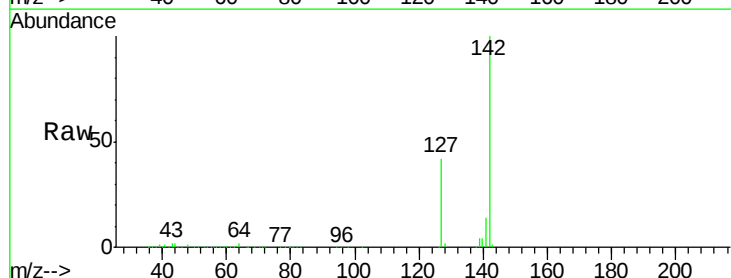
Tgt Ion:142 Resp: 131647

Ion Ratio Lower Upper

142 100

127 44.6 36.6 55.0

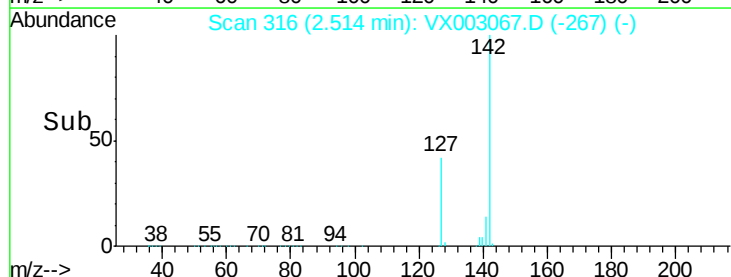
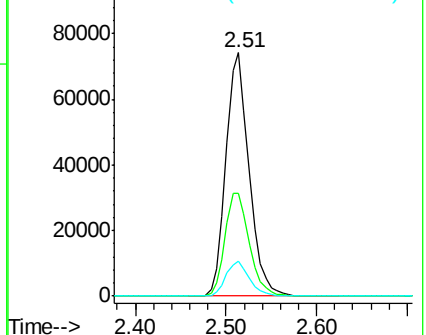
141 14.5 11.3 16.9

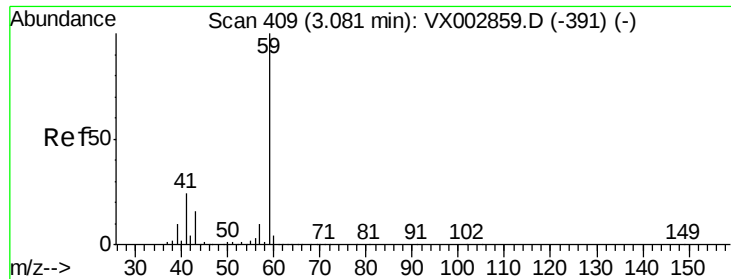


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

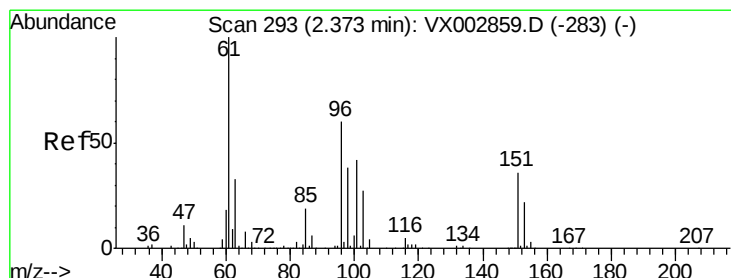
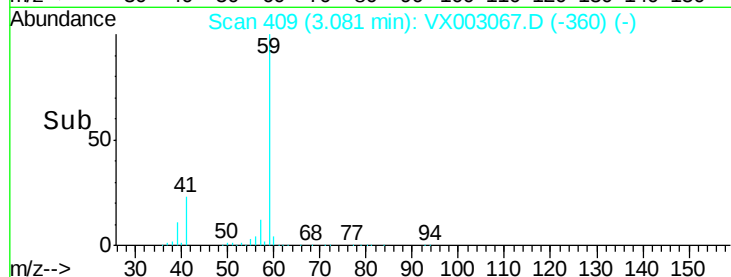
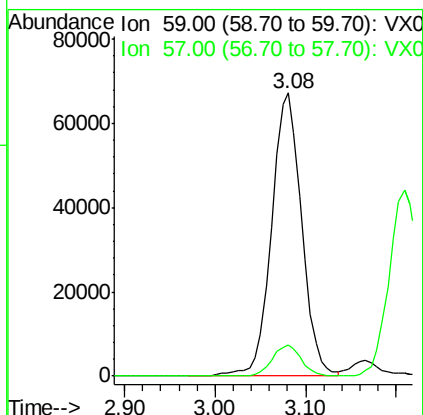
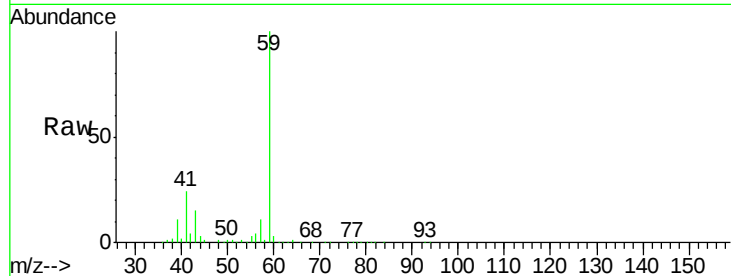




#11
Tert butyl alcohol
Concen: 204.13 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

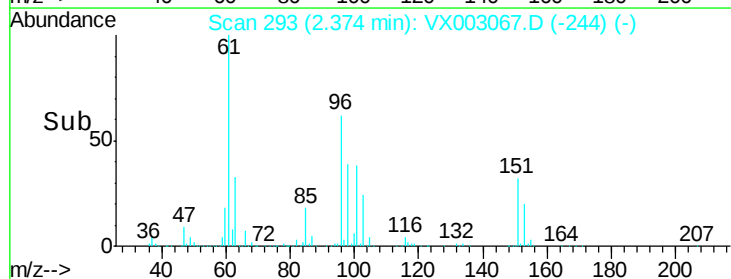
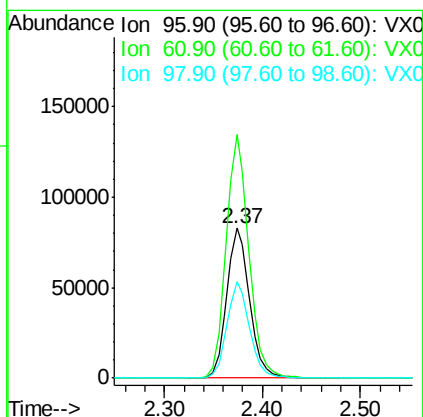
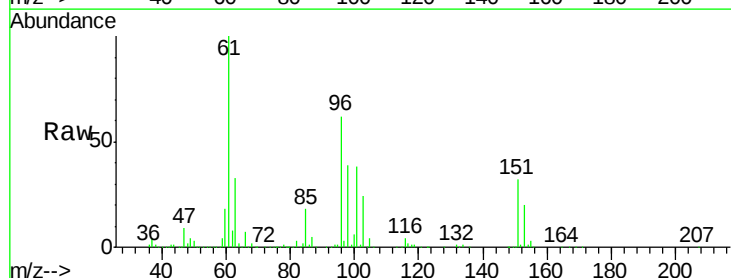
Instrument :
MSVOA_X
ClientSampleId :
S73-0217

Tot Ion: 59 Resp: 153866
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.60 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion: 96 Resp: 133924
Ion Ratio Lower Upper
96 100
61 162.2 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 204.71 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

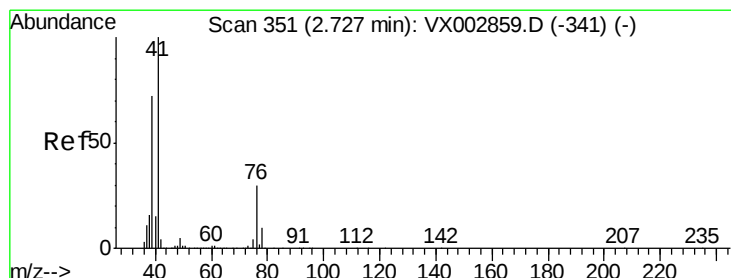
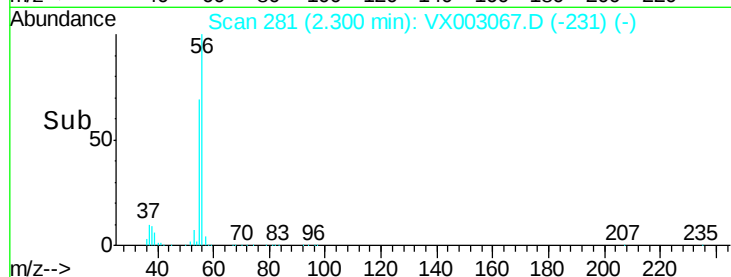
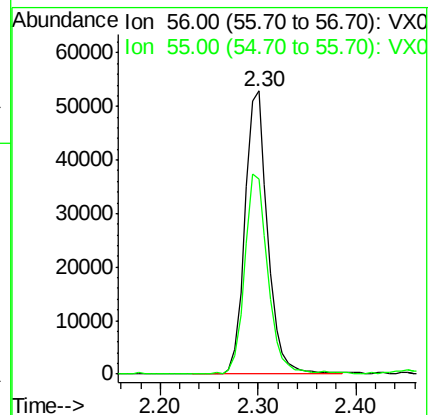
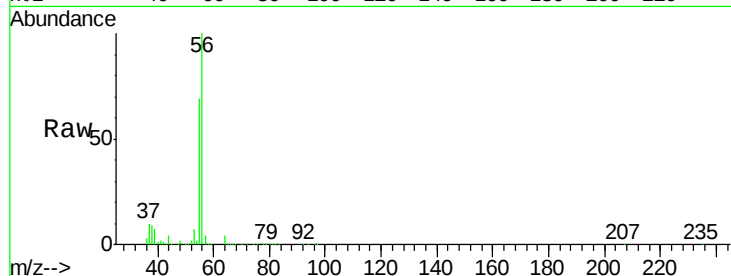
S73-0217

Tot Ion: 56 Resp: 85221

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 46.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

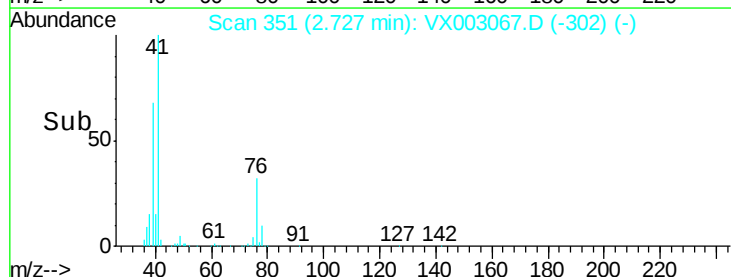
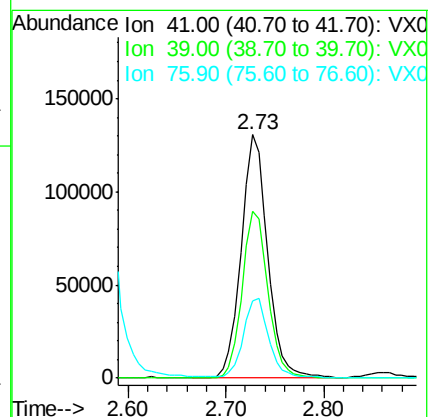
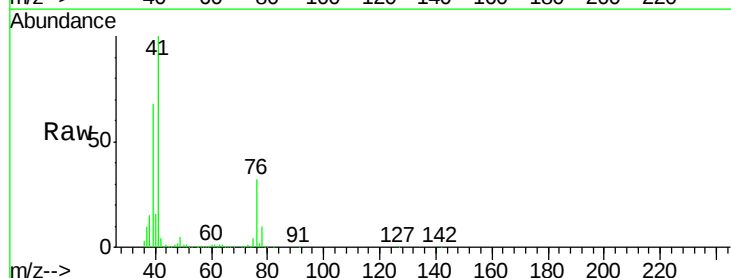
Tgt Ion: 41 Resp: 245112

Ion Ratio Lower Upper

41 100

39 67.1 56.8 85.2

76 31.5 23.8 35.8





#15

Acrylonitrile

Concen: 243.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

S73-0217

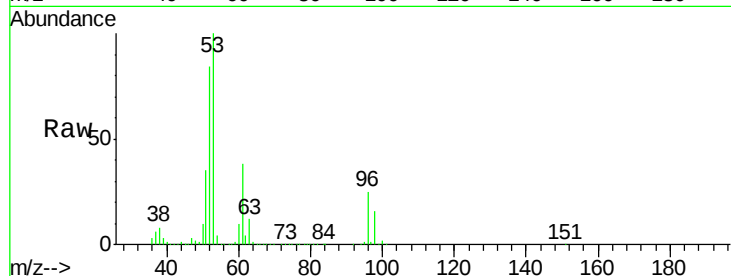
Tot Ion: 53 Resp: 391285

Ion Ratio Lower Upper

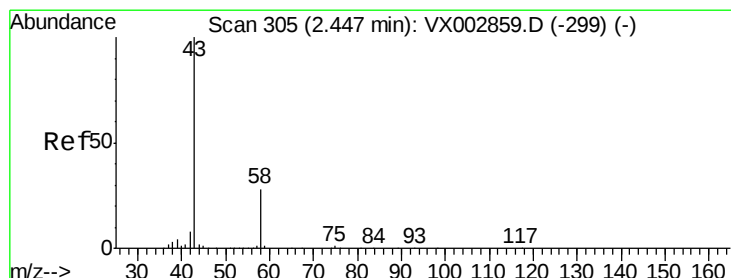
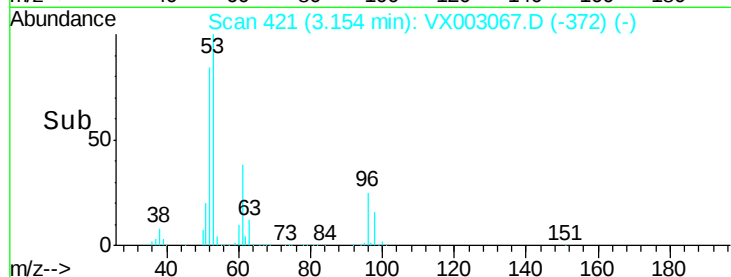
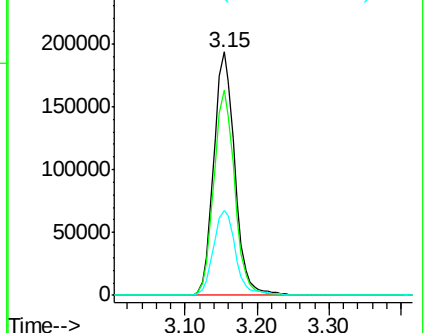
53 100

52 83.3 66.7 100.1

51 36.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 225.91 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003067.D

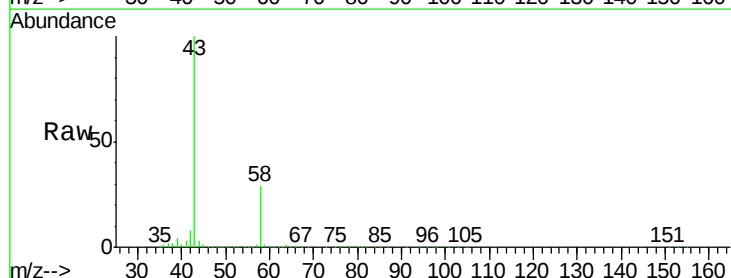
Acq: 30 Jun 2018 08:41

Tgt Ion: 43 Resp: 354001

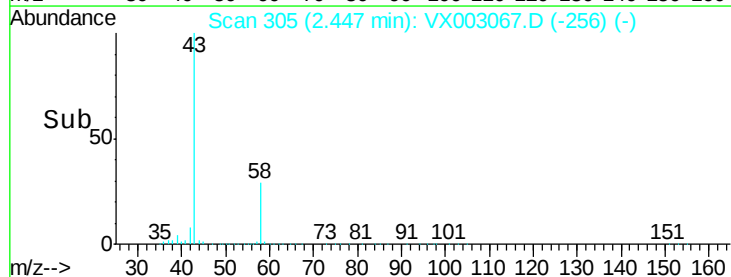
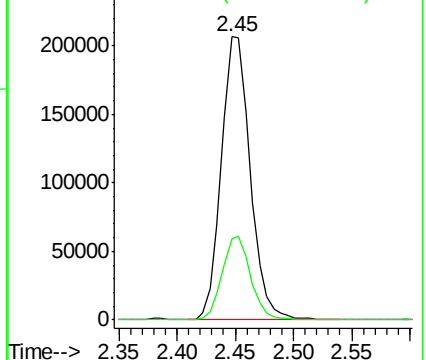
Ion Ratio Lower Upper

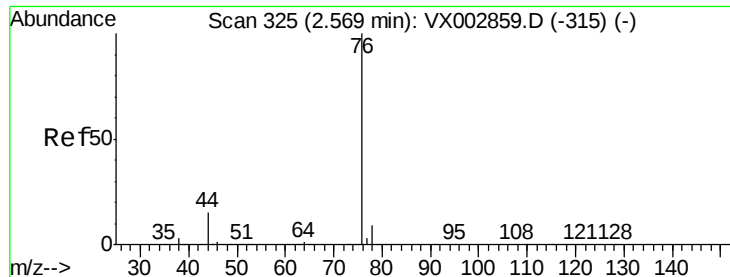
43 100

58 28.8 22.1 33.1



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

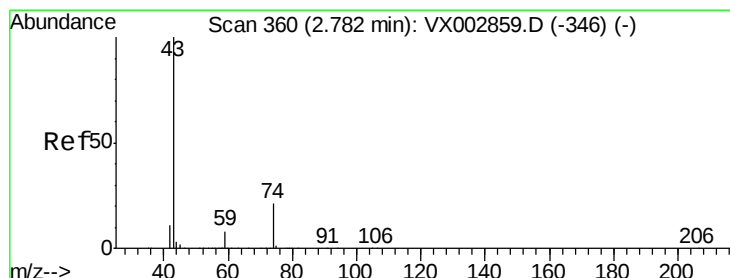
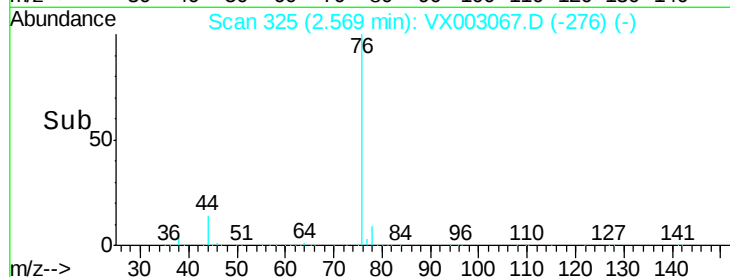
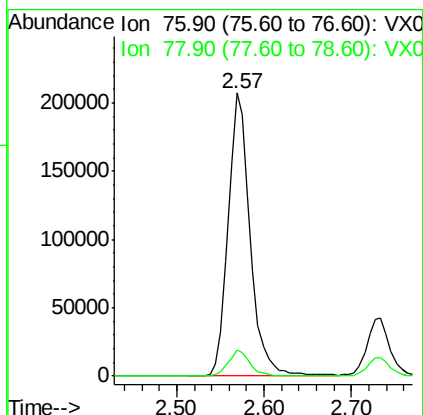
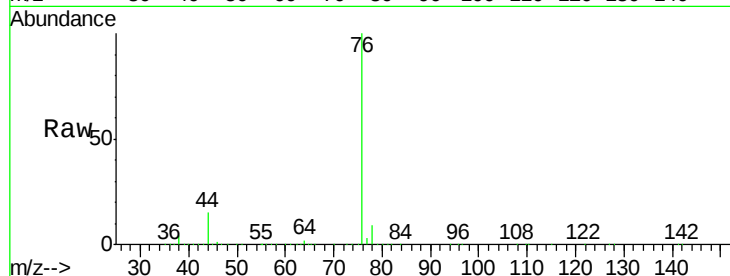




#17
Carbon Disulfide
Concen: 50.58 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

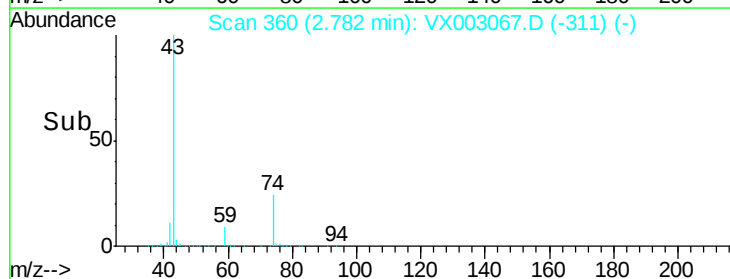
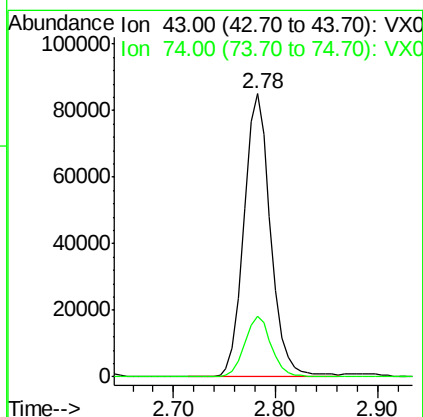
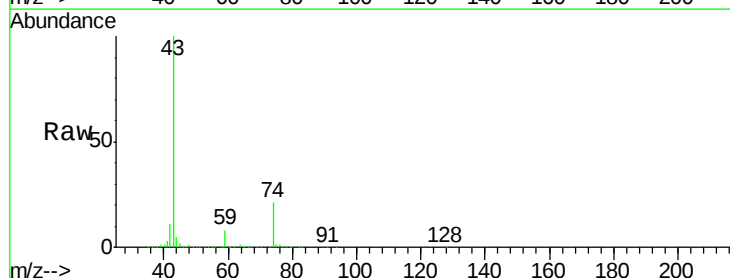
Instrument :
MSVOA_X
ClientSampleId :
S73-0217

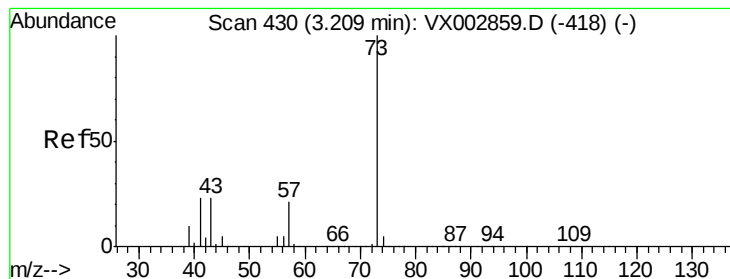
Tot Ion: 76 Resp: 363838
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 35.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion: 43 Resp: 153469
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 49.53 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

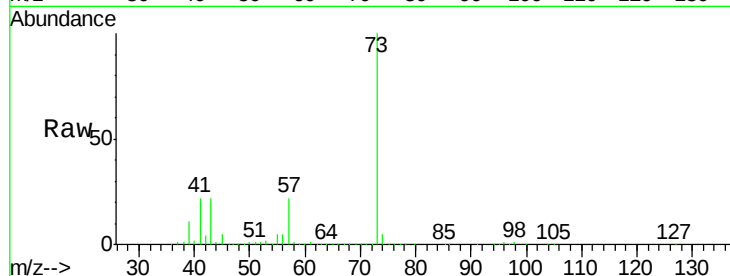
S73-0217

Tot Ion: 73 Resp: 480760

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

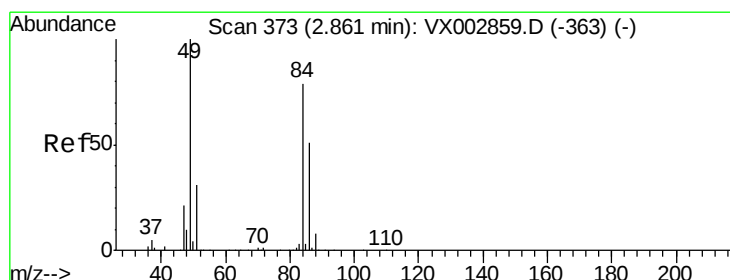
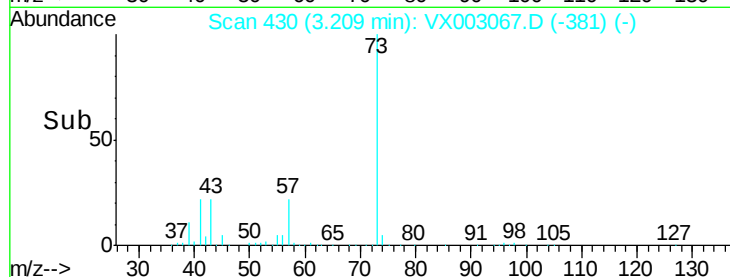
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 48.87 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Tgt Ion: 84 Resp: 149019

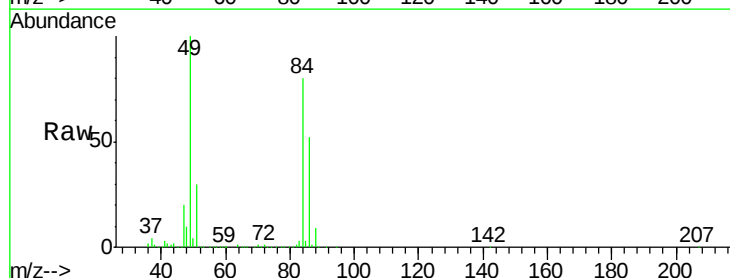
Ion Ratio Lower Upper

84 100

49 125.4 107.8 161.6

51 38.0 32.8 49.2

86 65.3 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

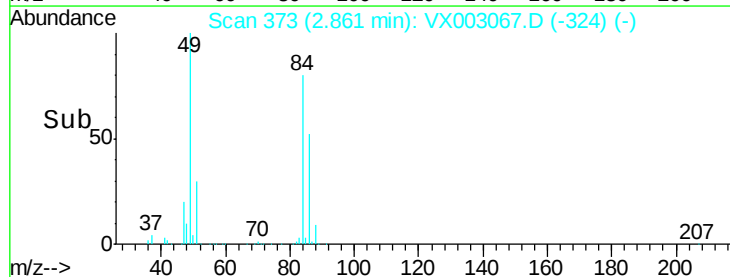
150000

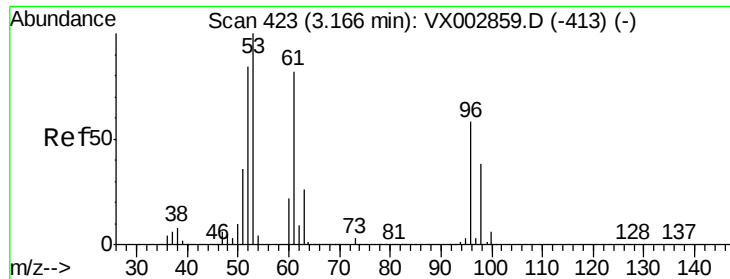
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.16 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

S73-0217

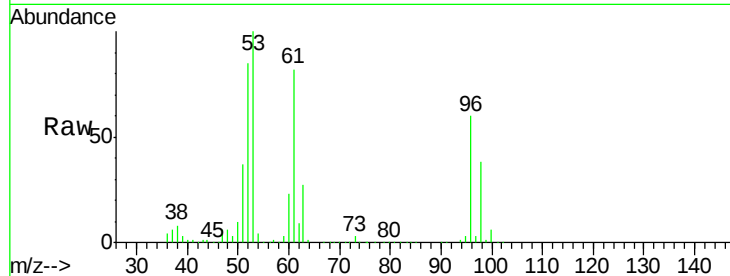
Tot Ion: 96 Resp: 144550

Ion Ratio Lower Upper

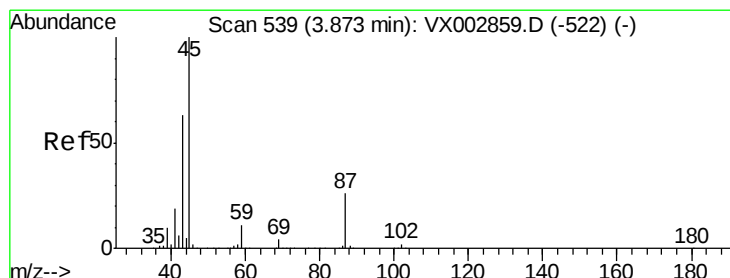
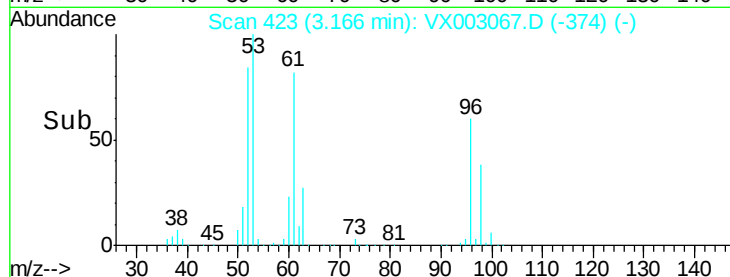
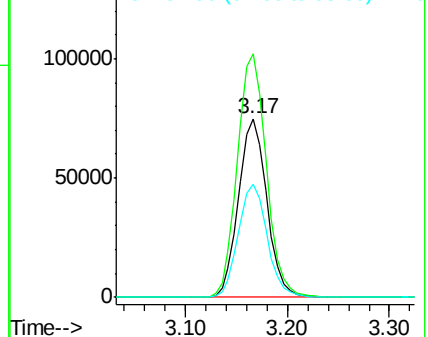
96 100

61 136.3 117.0 175.4

98 63.2 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: 50.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Tgt Ion: 45 Resp: 514793

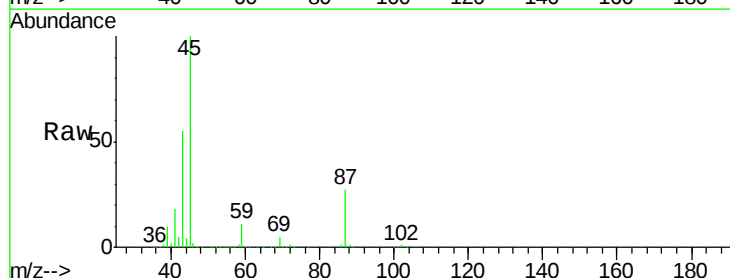
Ion Ratio Lower Upper

45 100

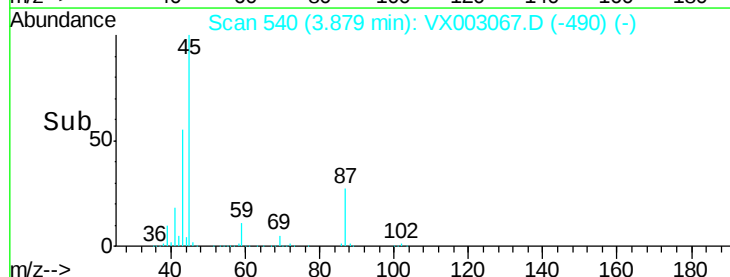
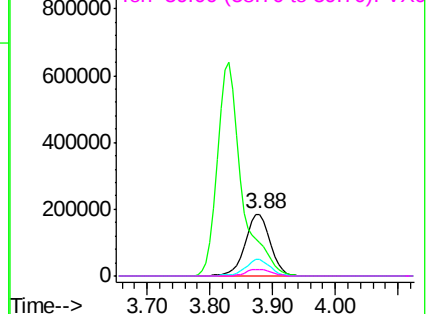
43 54.6 46.8 70.2

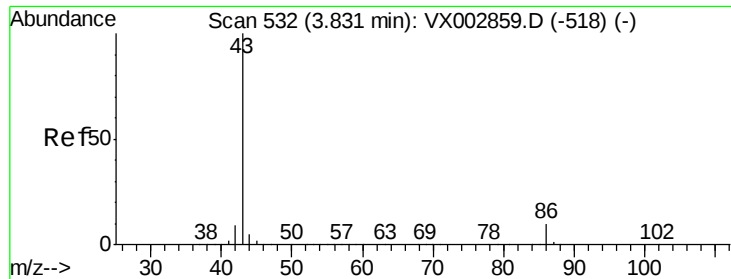
87 27.3 20.2 30.4

59 11.0 8.7 13.1



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





#23

Vinyl Acetate

Concen: 199.52 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

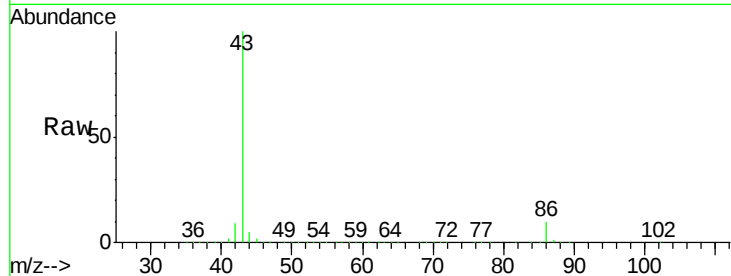
S73-0217

Tot Ion: 43 Resp: 1718699

Ion Ratio Lower Upper

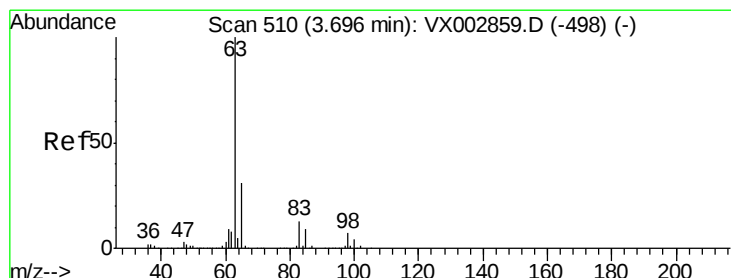
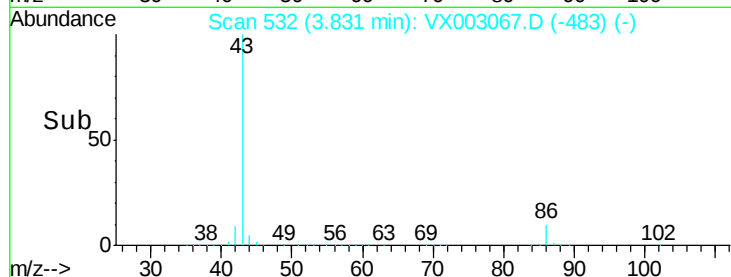
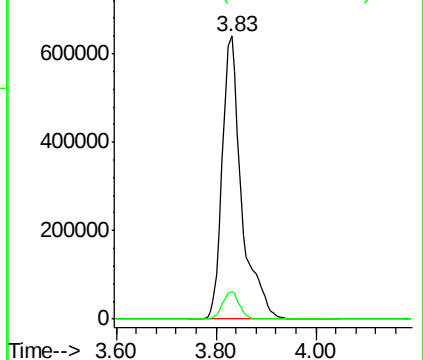
43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.21 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

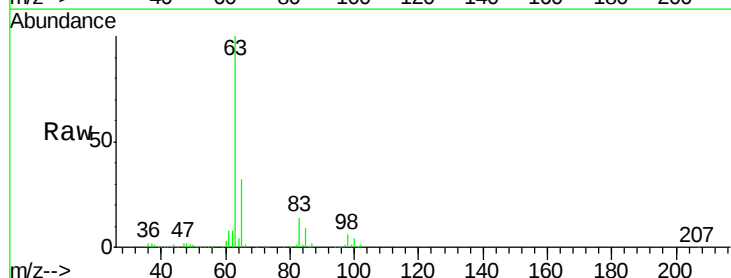
Tgt Ion: 63 Resp: 277619

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

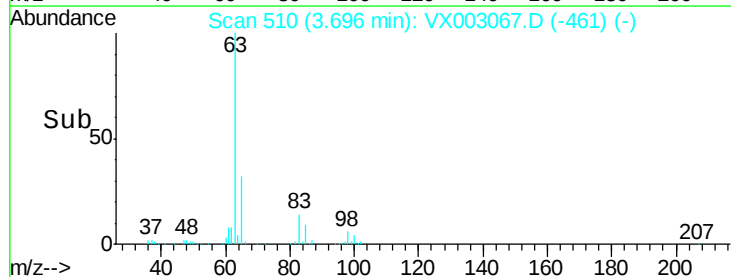
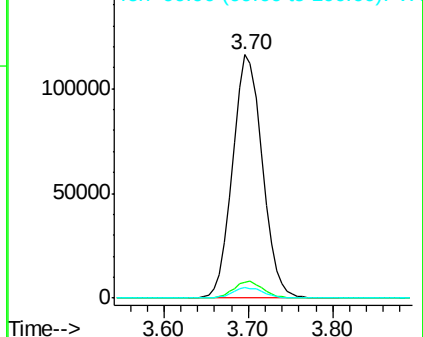
100 4.3 2.0 6.0

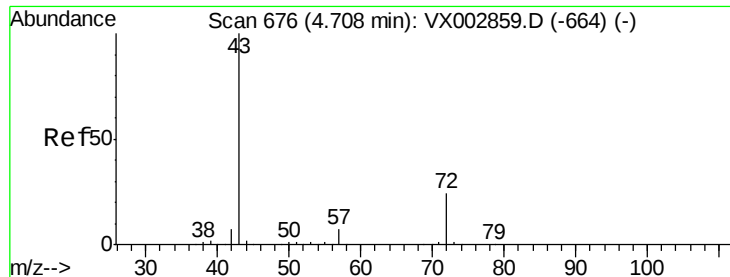


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.91 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

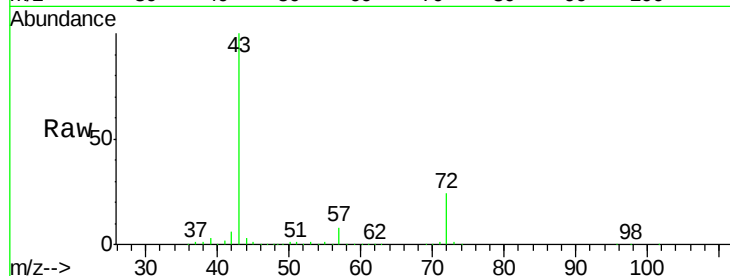
S73-0217

Tot Ion: 43 Resp: 553274

Ion Ratio Lower Upper

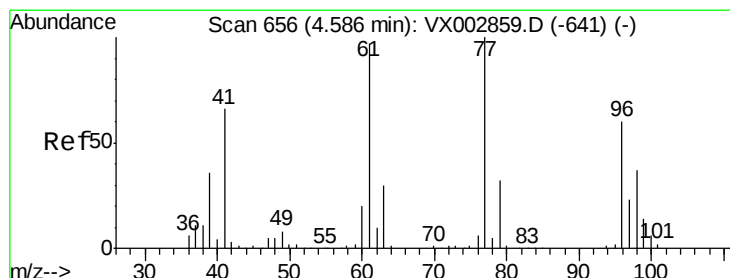
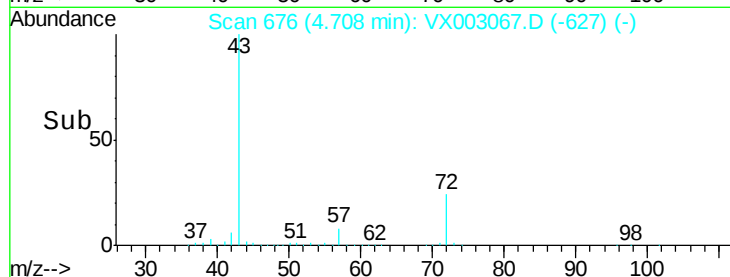
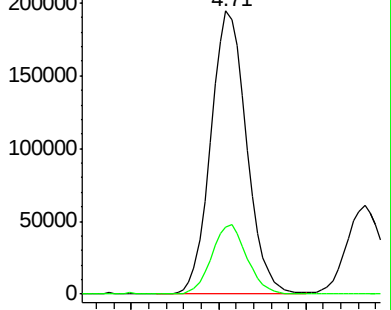
43 100

72 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 23.10 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003067.D

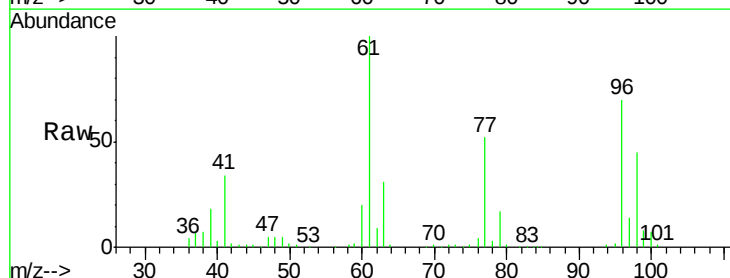
Acq: 30 Jun 2018 08:41

Tgt Ion: 77 Resp: 103842

Ion Ratio Lower Upper

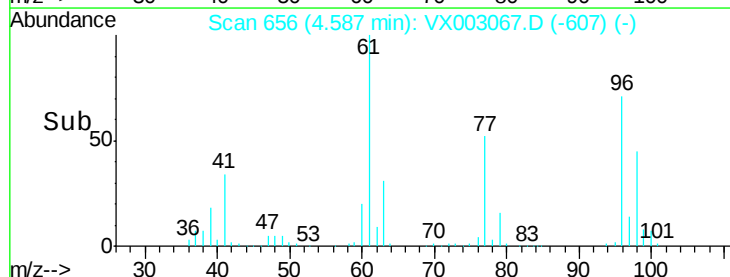
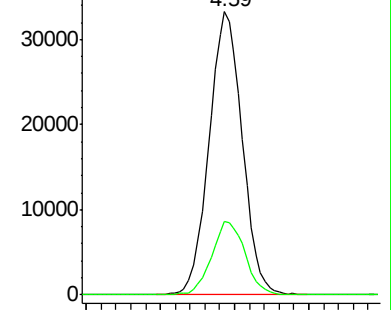
77 100

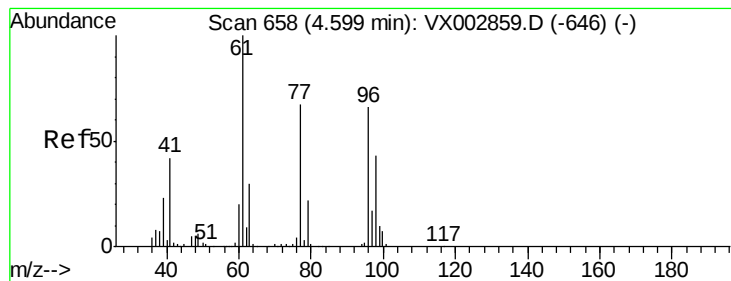
97 26.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 51.60 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

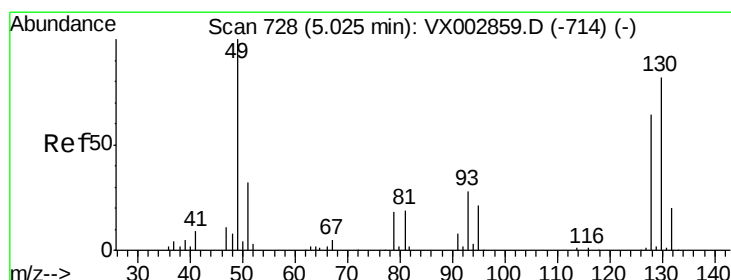
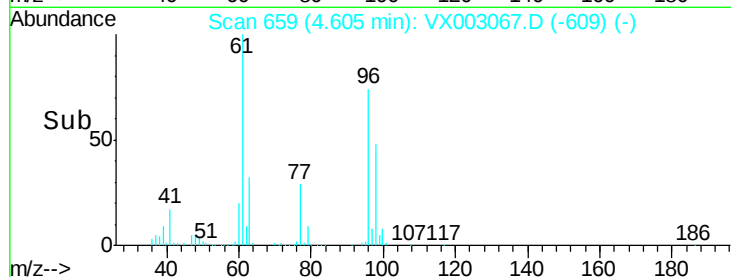
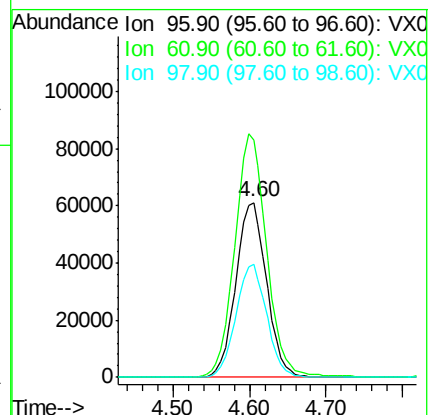
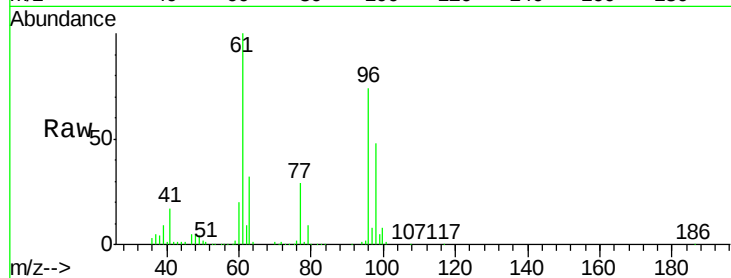
Tot Ion: 96 Resp: 170126

Ion Ratio Lower Upper

96 100

61 144.4 0.0 330.2

98 64.6 0.0 130.2



#28

Bromochloromethane

Concen: 49.24 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

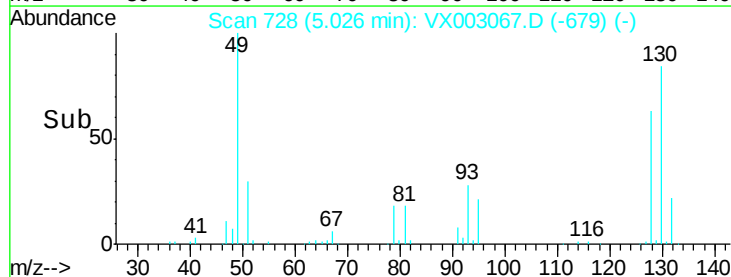
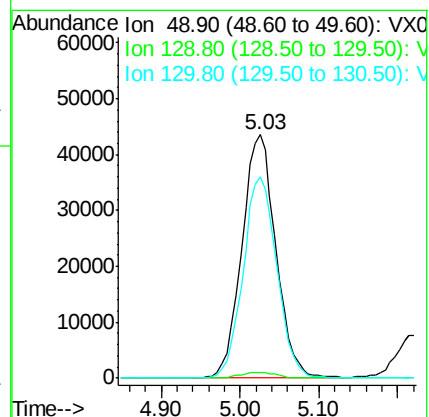
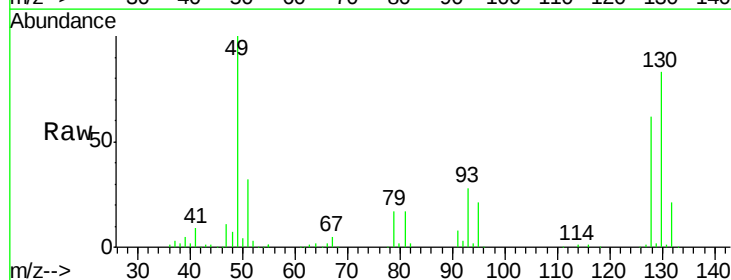
Tgt Ion: 49 Resp: 130327

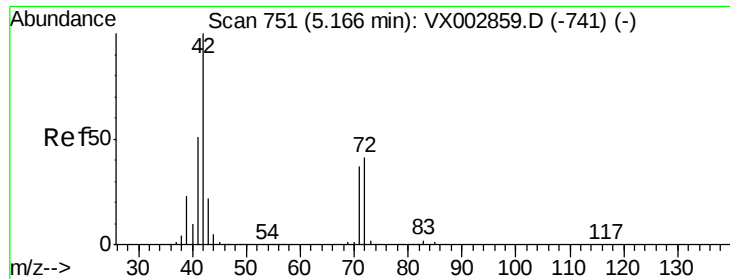
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 82.2 61.2 91.8

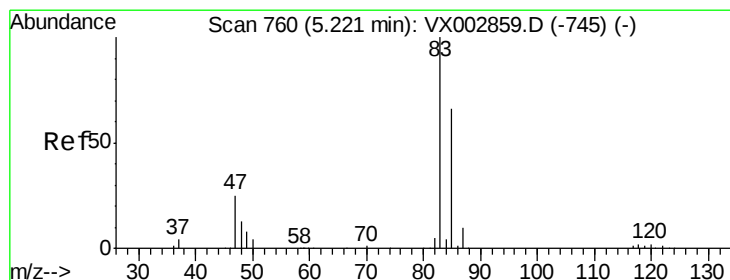
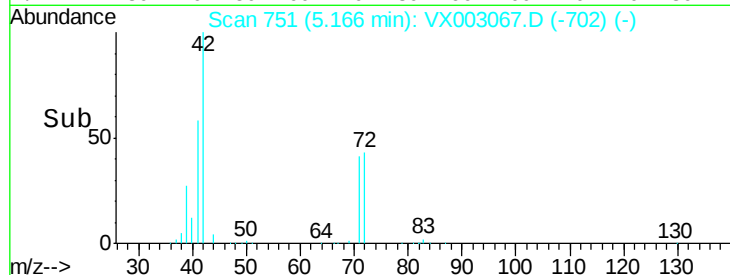
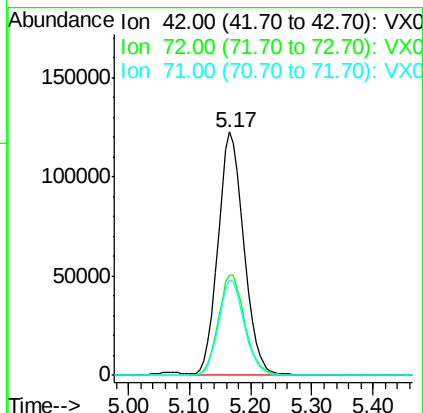
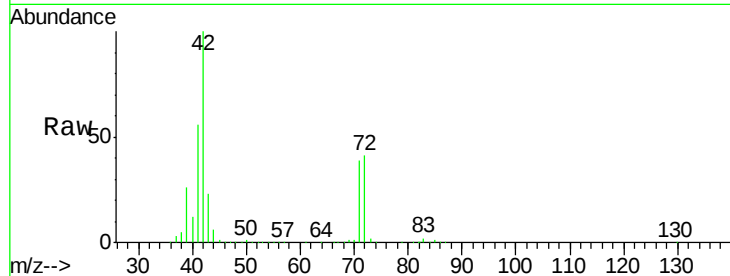




#29
Tetrahydrofuran
Concen: 242.47 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

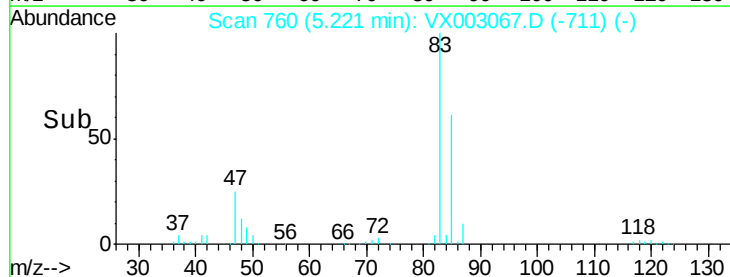
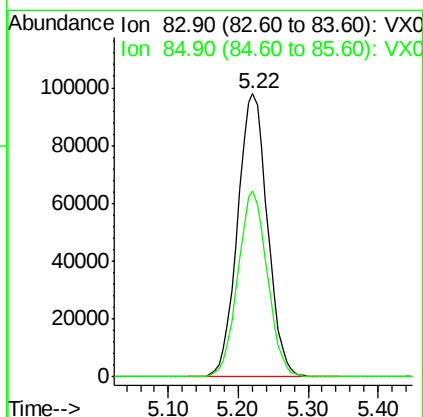
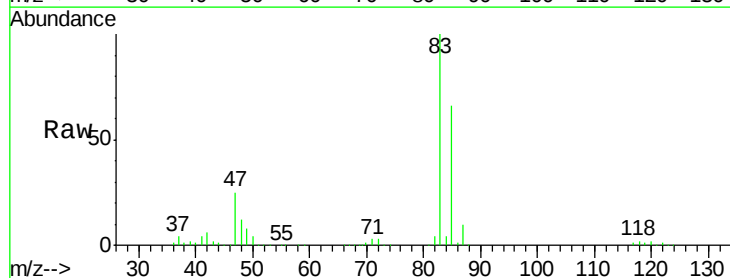
Instrument :
MSVOA_X
ClientSampleId :
S73-0217

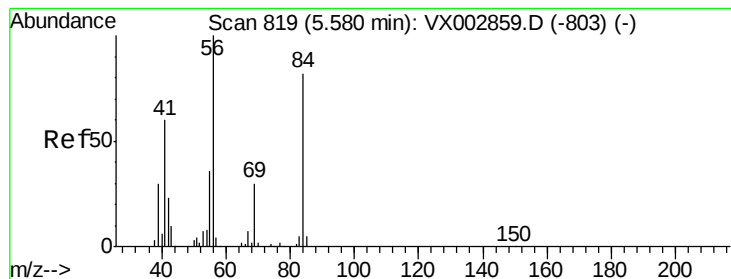
Tot Ion: 42 Resp: 361606
Ion Ratio Lower Upper
42 100
72 42.5 32.0 48.0
71 39.2 30.1 45.1



#30
Chloroform
Concen: 51.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion: 83 Resp: 290851
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 49.62 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

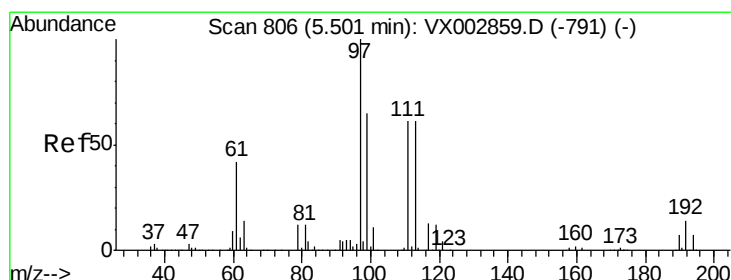
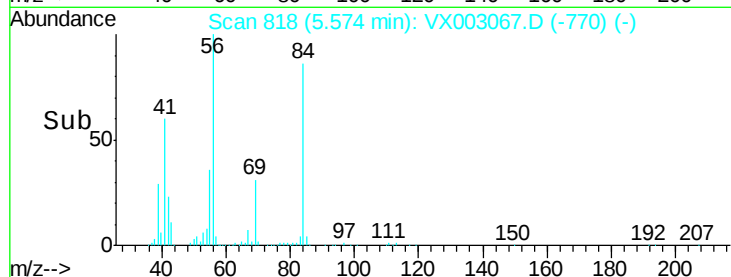
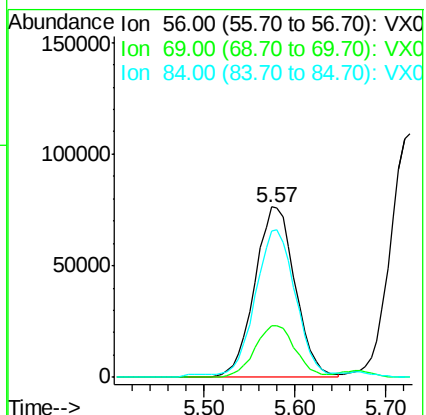
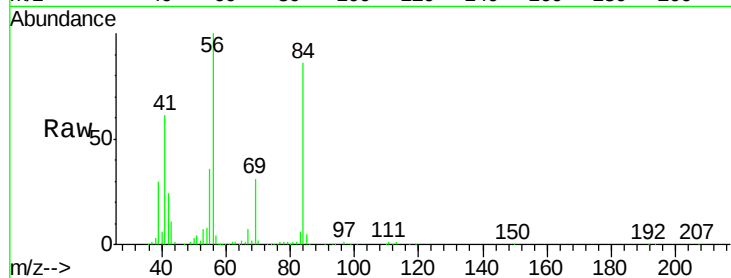
Tot Ion: 56 Resp: 235462

Ion Ratio Lower Upper

56 100

69 30.6 23.7 35.5

84 84.3 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 51.33 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

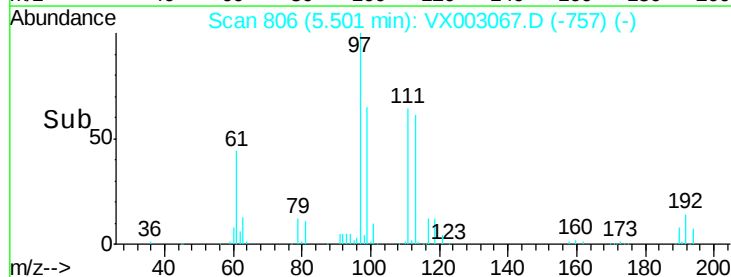
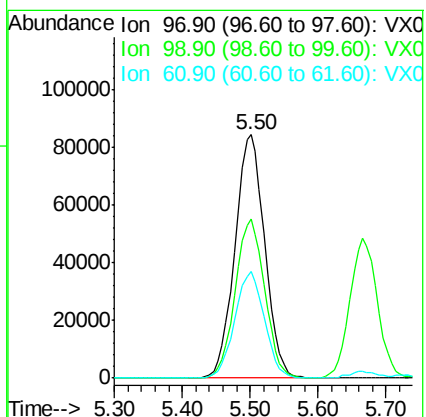
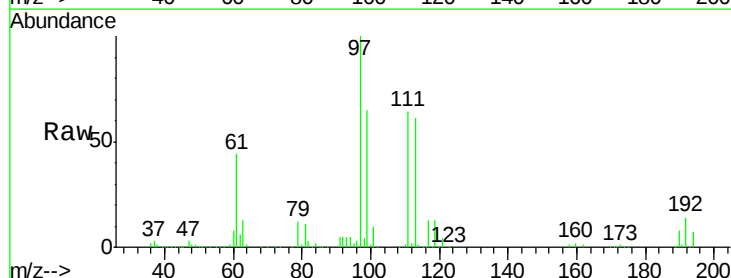
Tgt Ion: 97 Resp: 256259

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 43.9 36.4 54.6

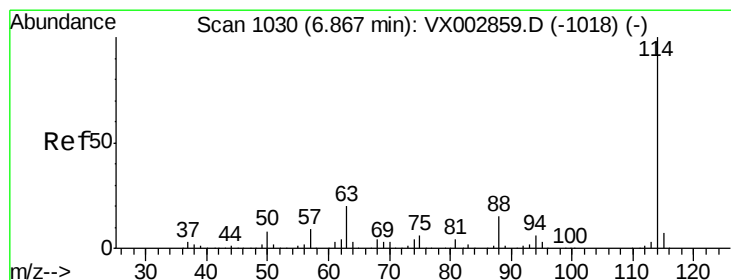
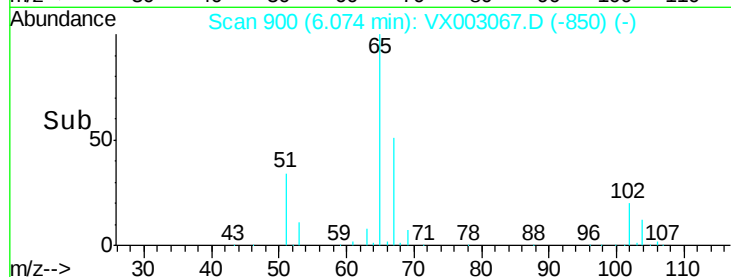
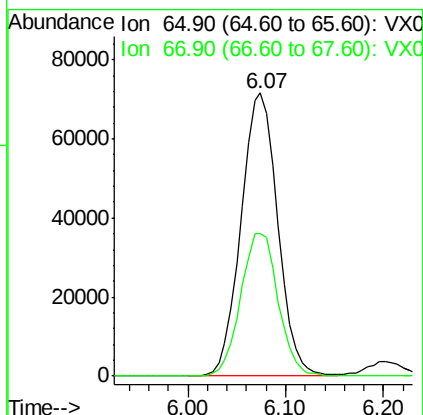
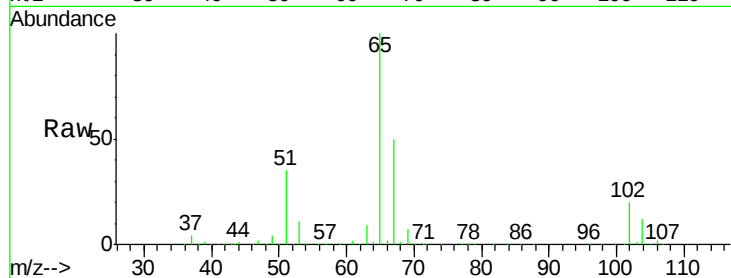




#33
 1,2-Dichloroethane-d4
 Concen: 49.40 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

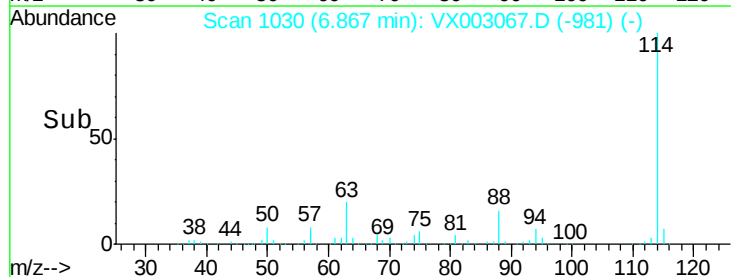
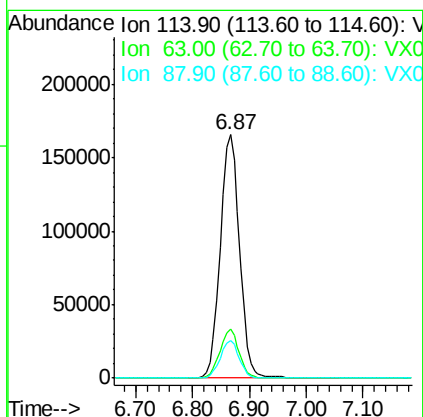
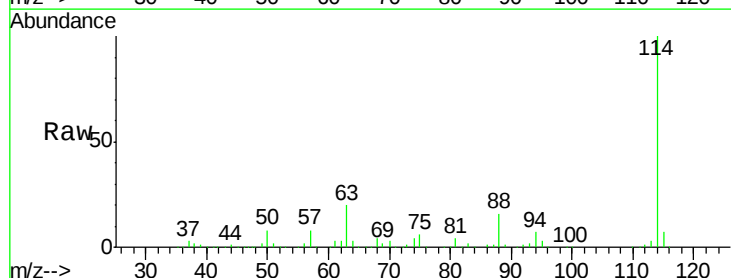
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0217

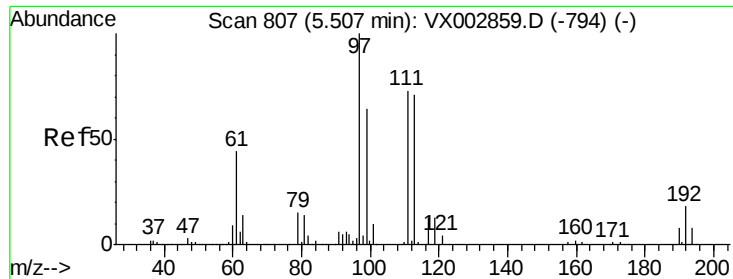
Tot Ion: 65 Resp: 186933
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 114 Resp: 389683
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.5 0.0 30.0

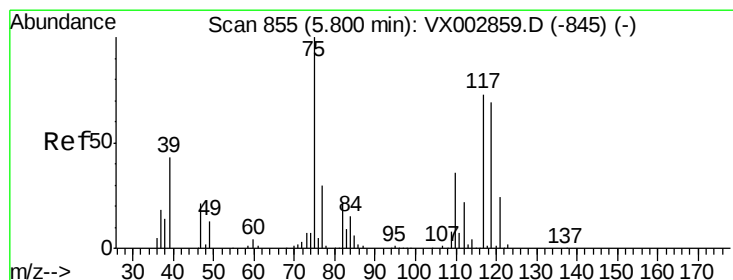
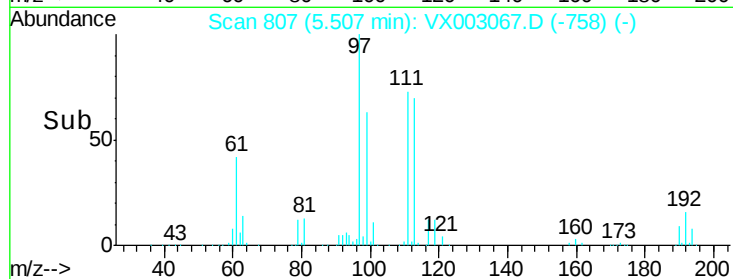
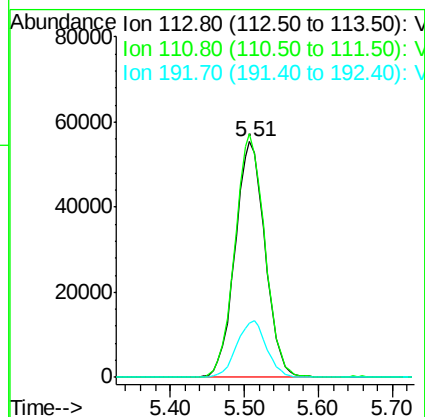
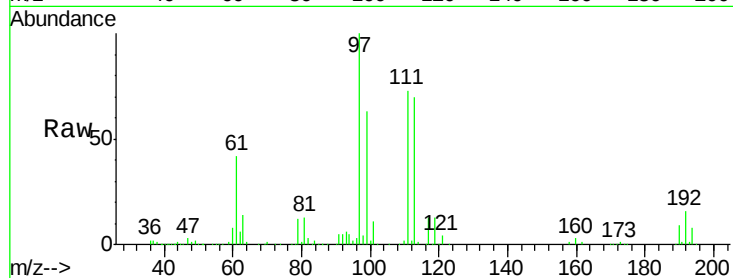




#35
 Dibromofluoromethane
 Concen: 50.71 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

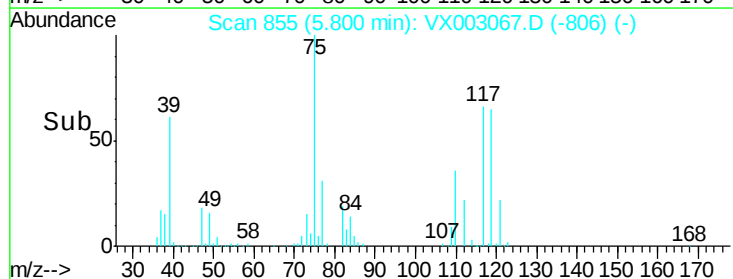
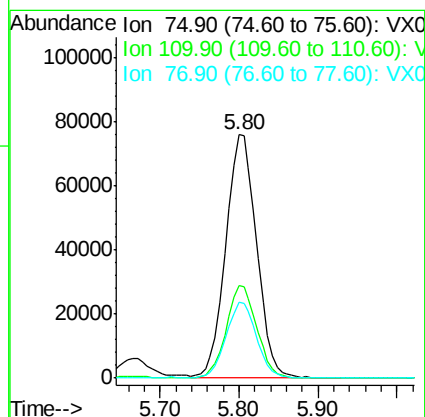
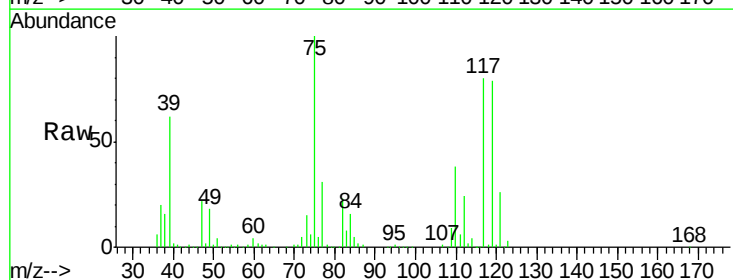
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

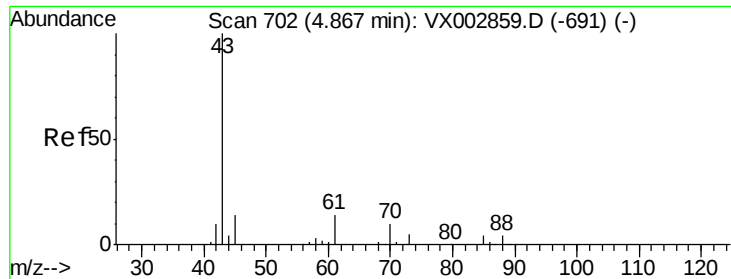
Tot Ion:113 Resp: 156490
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 24.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 48.19 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 75 Resp: 205947
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.1 54.4
 77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 38.35 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

S73-0217

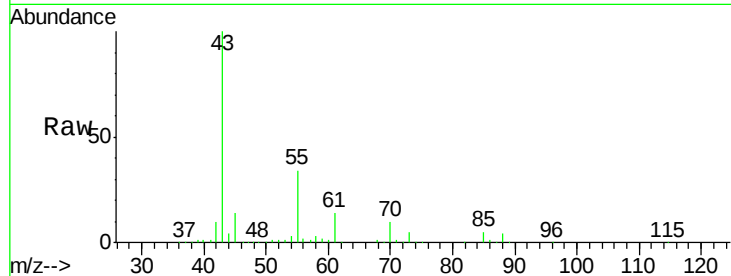
Tot Ion: 43 Resp: 176457

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

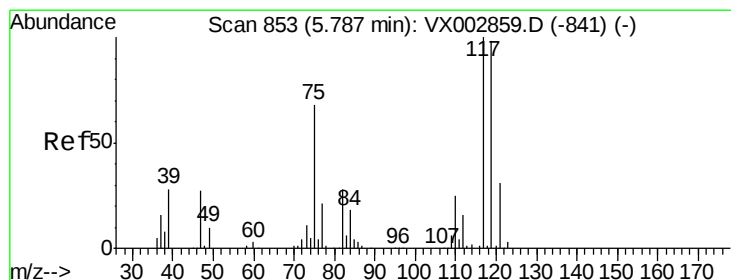
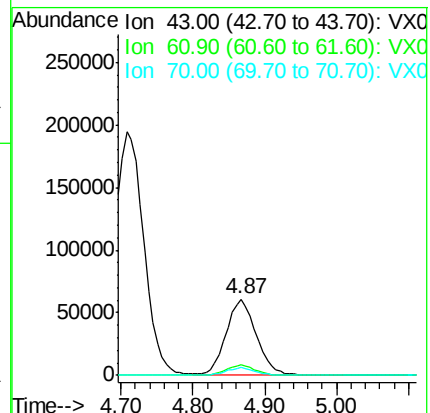
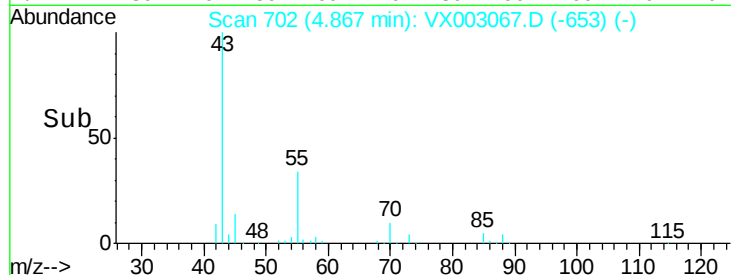
70 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003067.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX003067.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX003067.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 48.94 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

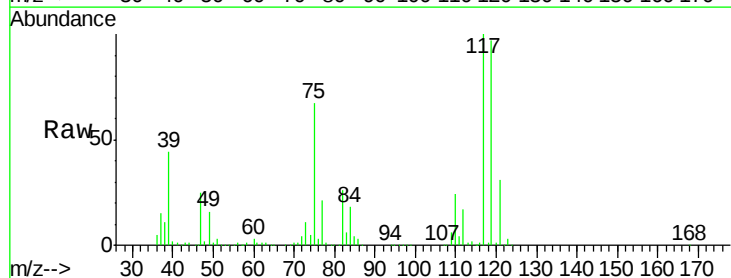
Tgt Ion: 117 Resp: 229490

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

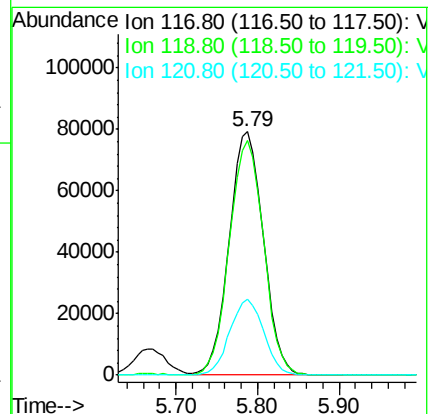
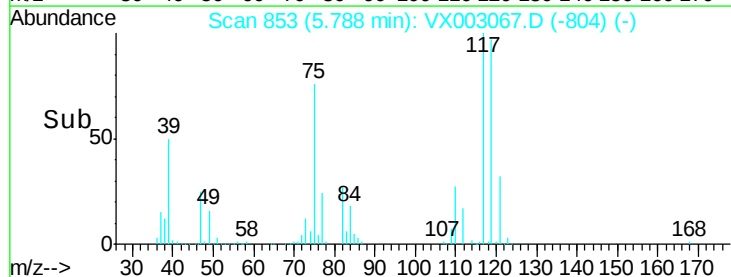
121 31.1 24.4 36.6

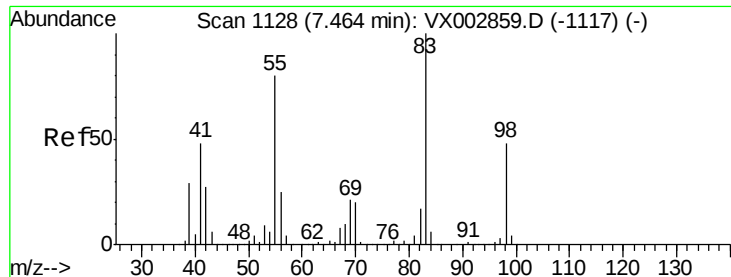


Abundance Ion 116.80 (116.50 to 117.50): VX003067.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX003067.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX003067.D (-804) (-)

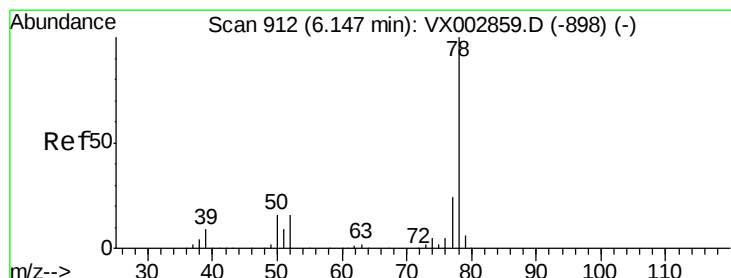
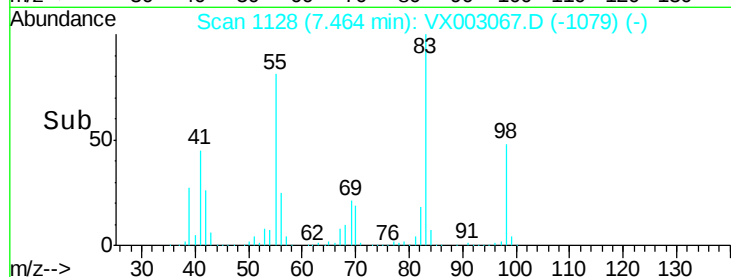
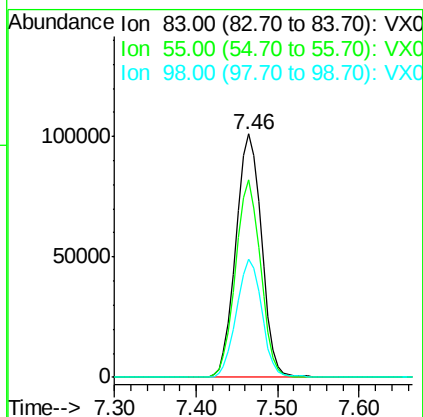
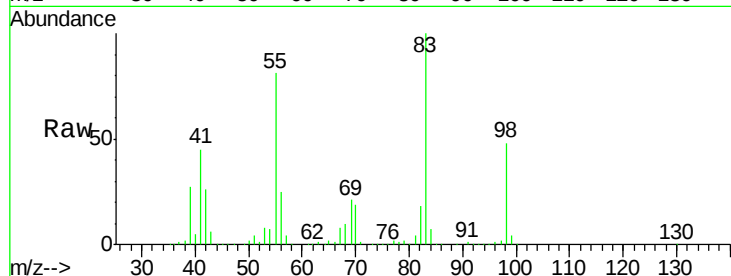




#39
Methvlcvclohexane
Concen: 44.19 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

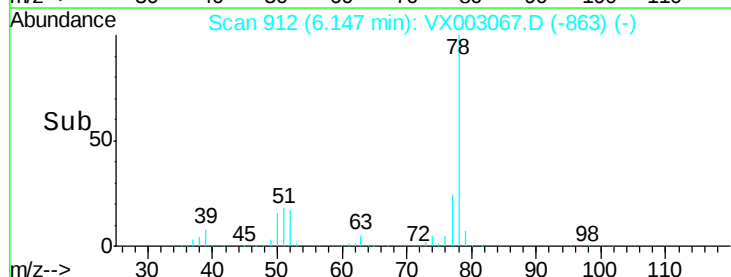
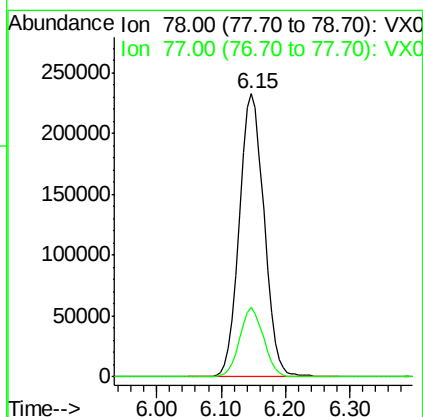
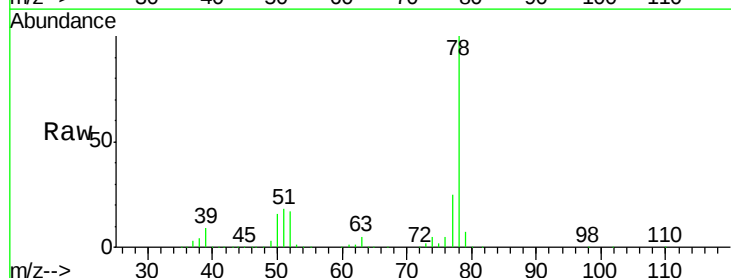
Instrument :
MSVOA_X
ClientSampleId :
S73-0217

Tot Ion: 83 Resp: 219974
Ion Ratio Lower Upper
83 100
55 81.0 65.4 98.0
98 48.5 37.4 56.0



#40
Benzene
Concen: 49.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion: 78 Resp: 618549
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

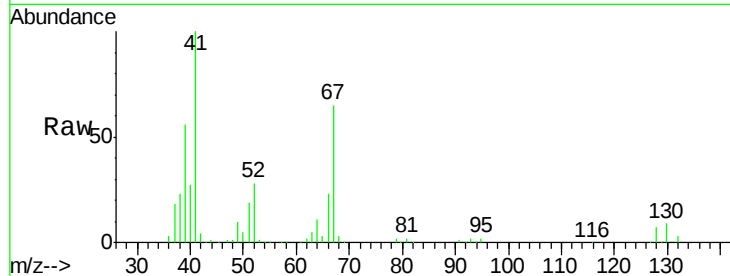




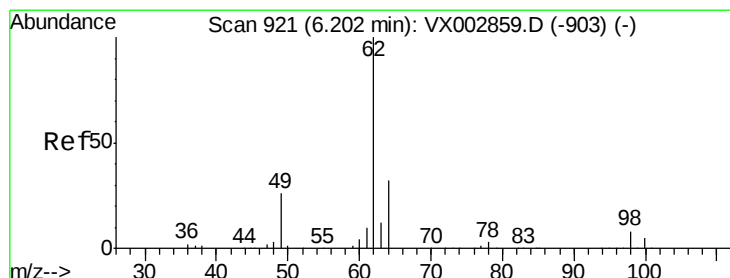
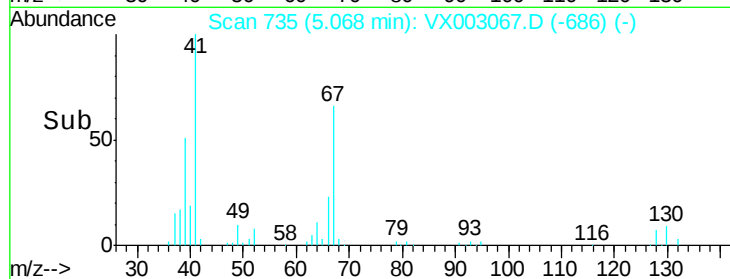
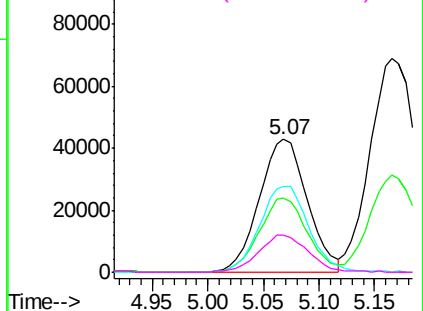
#41
Methacrylonitrile
Concen: 48.26 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Instrument :
MSVOA_X
ClientSampled :
S73-0217

Tot Ion:	41	Resp:	127869
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.8	68.6
67	66.7	51.3	76.9
52	29.2	23.0	34.6

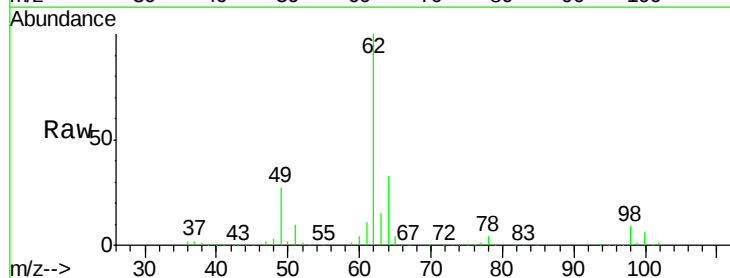


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

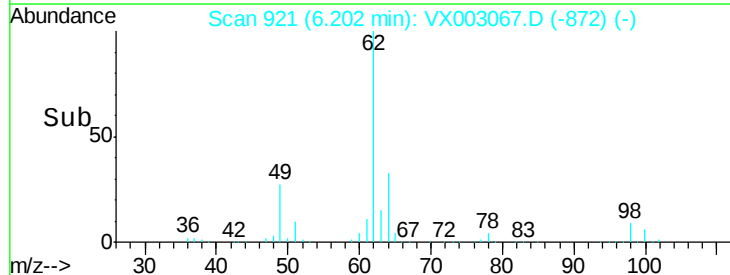
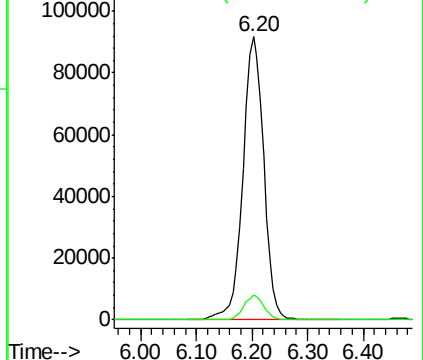


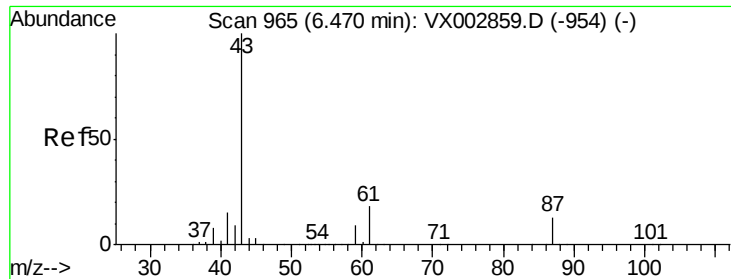
#42
1,2-Dichloroethane
Concen: 47.64 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion:	62	Resp:	238932
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



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



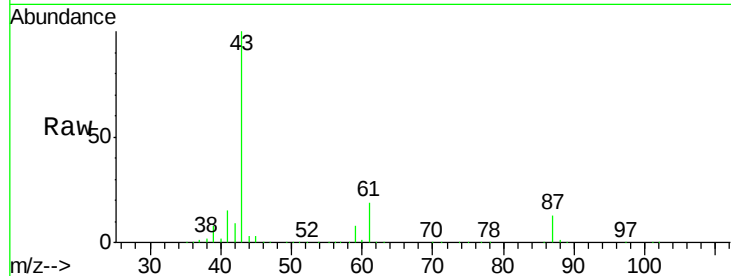


#43

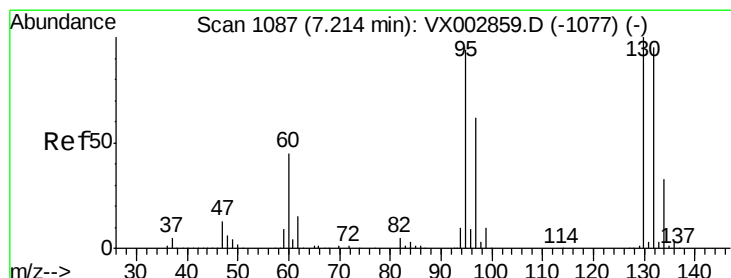
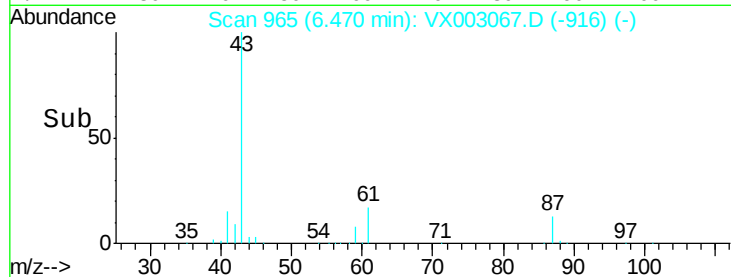
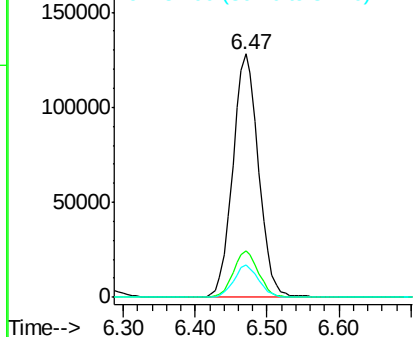
Isopropyl Acetate
 Concen: 40.93 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Tot Ion: 43 Resp: 315863
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.4 21.6
 87 13.0 9.5 14.3



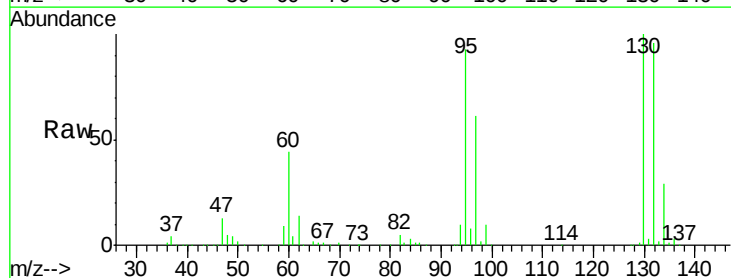
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



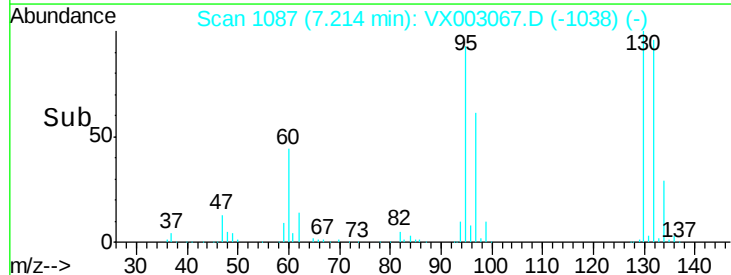
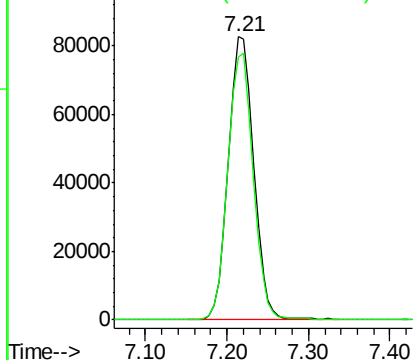
#44

Trichloroethene
 Concen: 48.14 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 130 Resp: 178228
 Ion Ratio Lower Upper
 130 100
 95 92.8 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: 48.53 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

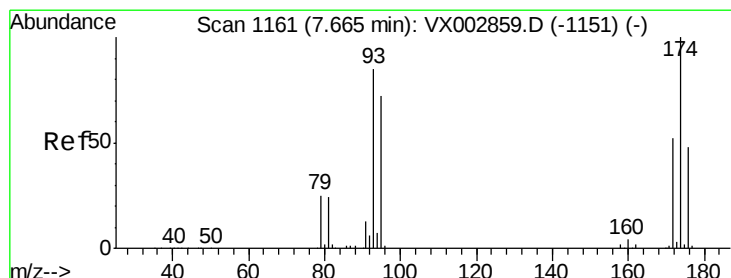
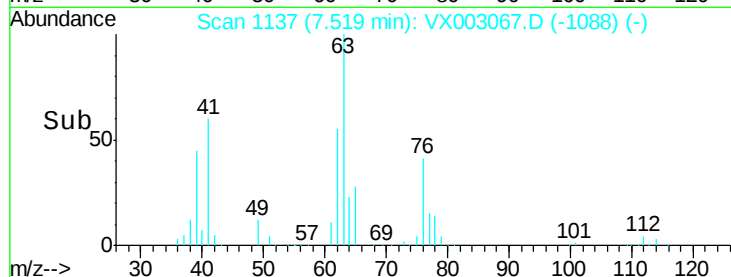
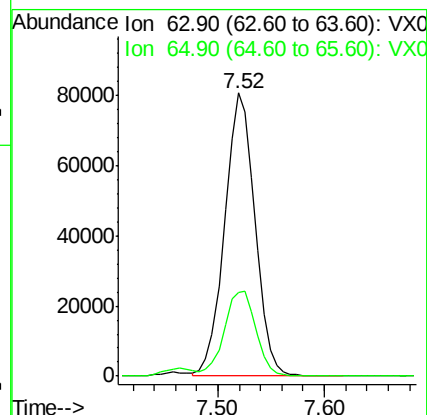
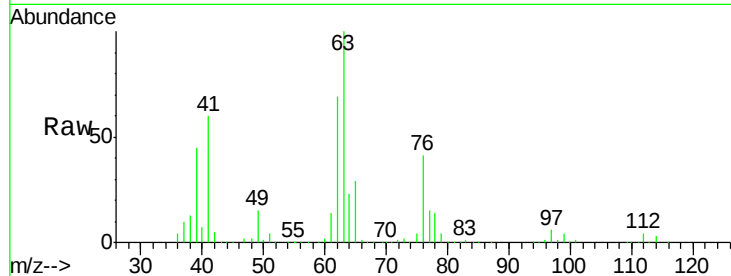
S73-0217

Tot Ion: 63 Resp: 159848

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 48.69 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

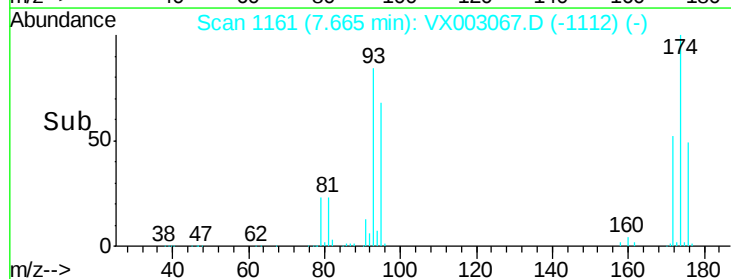
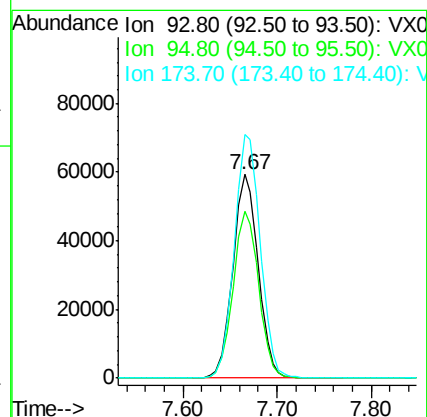
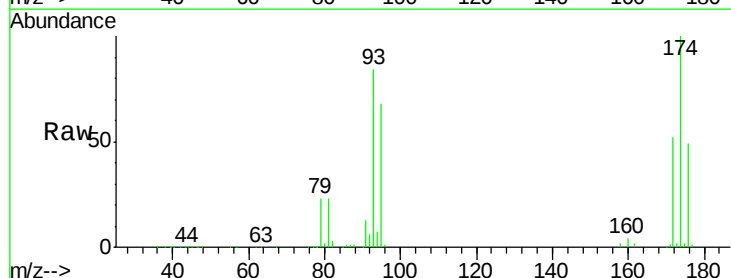
Tgt Ion: 93 Resp: 111298

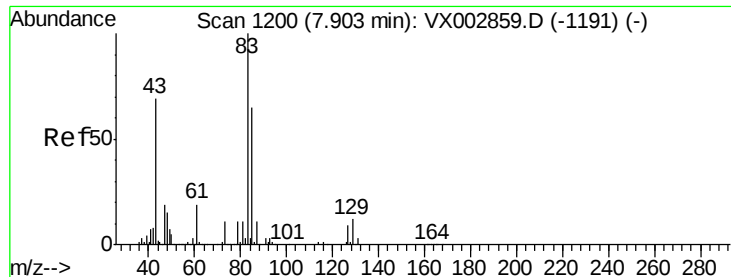
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 122.2 92.4 138.6





#47

Bromodichloromethane

Concen: 50.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

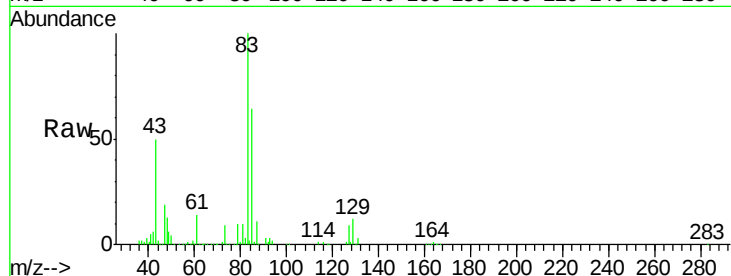
Tot Ion: 83 Resp: 212768

Ion Ratio Lower Upper

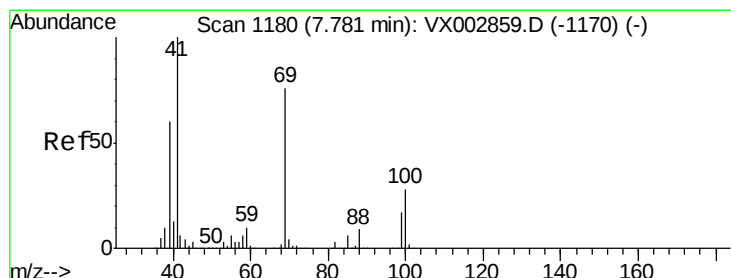
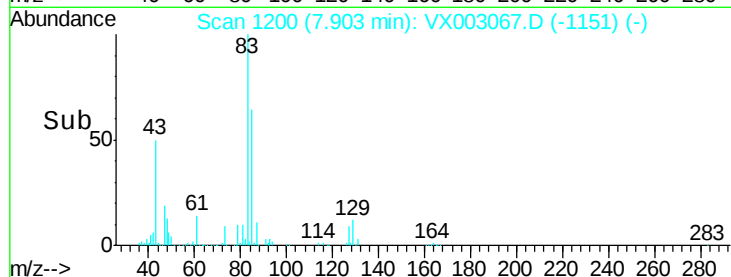
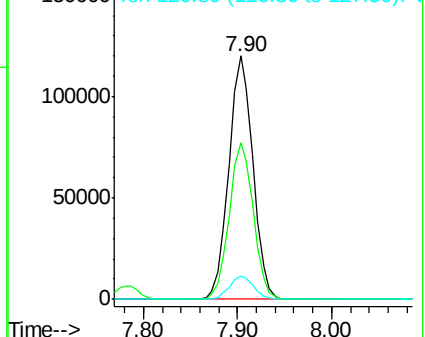
83 100

85 64.2 50.3 75.5

127 9.4 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: 47.99 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

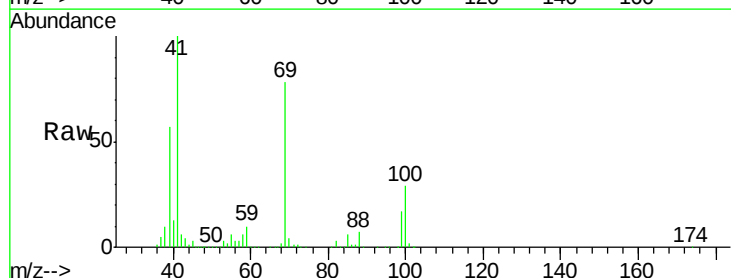
Tgt Ion: 41 Resp: 190809

Ion Ratio Lower Upper

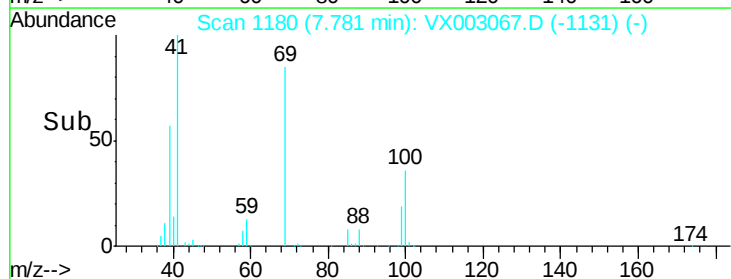
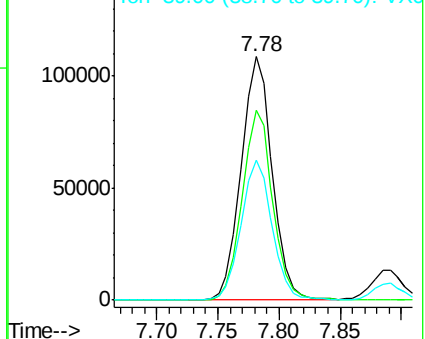
41 100

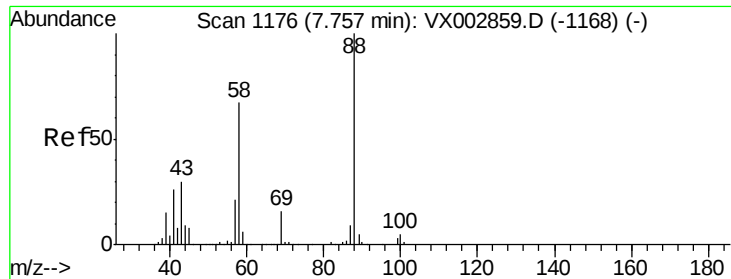
69 77.4 59.1 88.7

39 57.3 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: 811.26 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

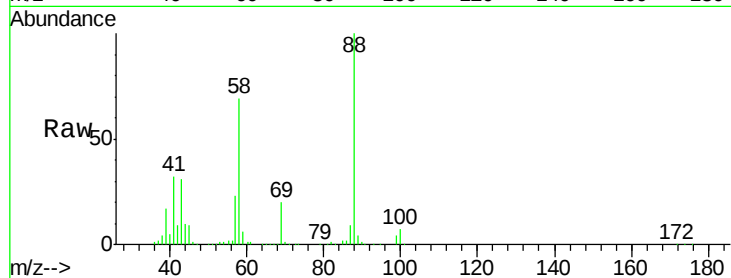
Tot Ion: 88 Resp: 62757

Ion Ratio Lower Upper

88 100

43 35.6 29.8 44.6

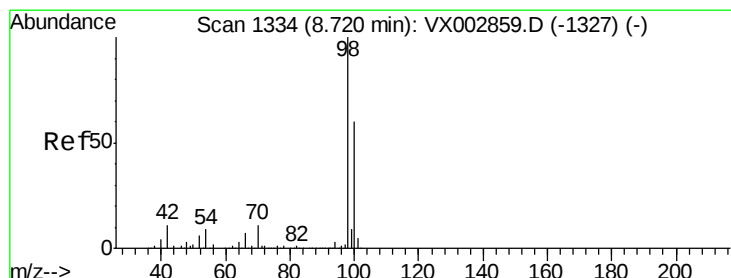
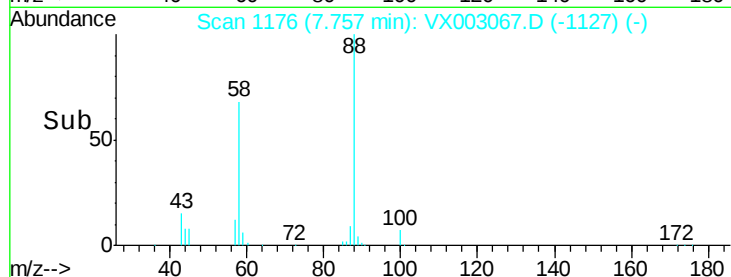
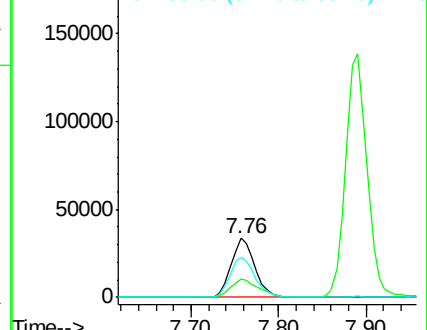
58 72.0 57.1 85.7



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: 48.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003067.D

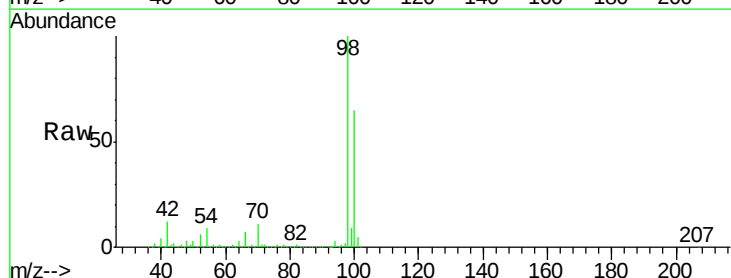
Acq: 30 Jun 2018 08:41

Tgt Ion: 98 Resp: 541717

Ion Ratio Lower Upper

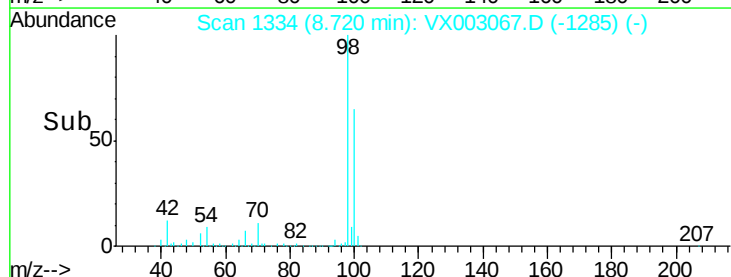
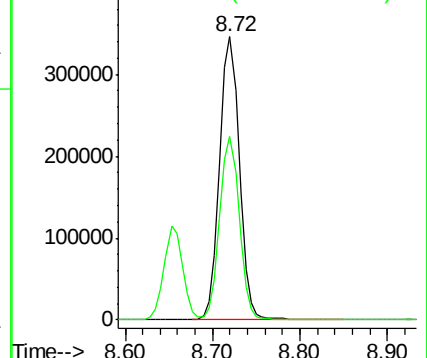
98 100

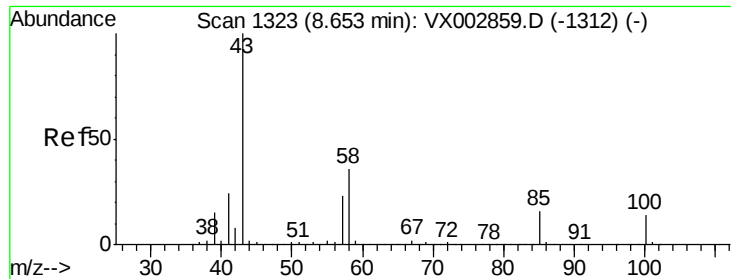
100 64.7 50.9 76.3



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: 242.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

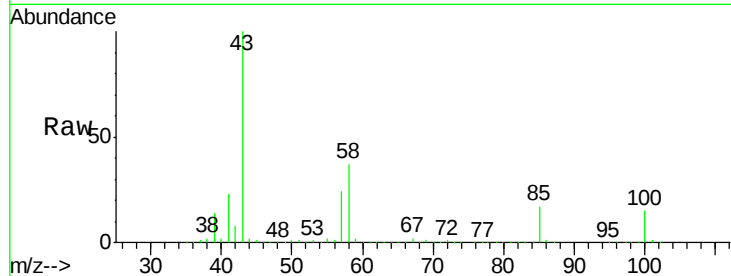
S73-0217

Tot Ion: 43 Resp: 1168736

Ion Ratio Lower Upper

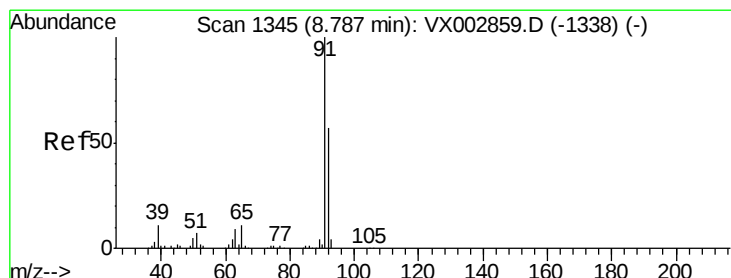
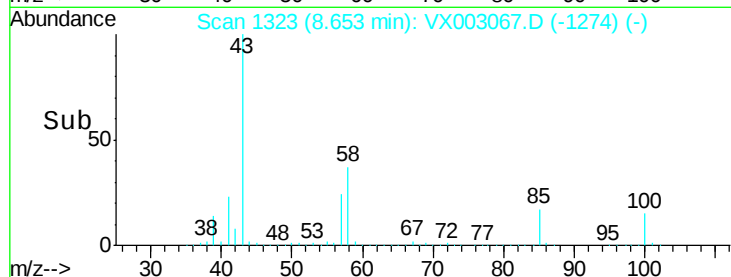
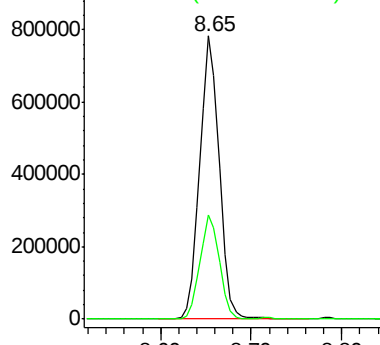
43 100

58 36.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.55 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003067.D

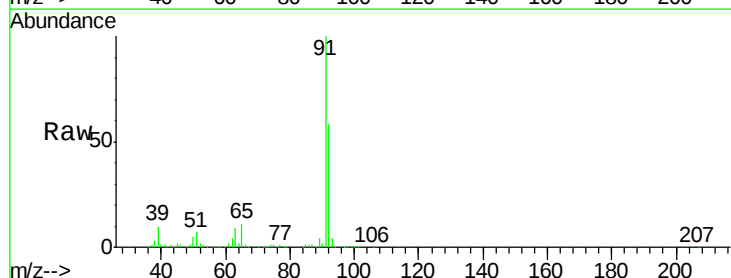
Acq: 30 Jun 2018 08:41

Tgt Ion: 92 Resp: 394104

Ion Ratio Lower Upper

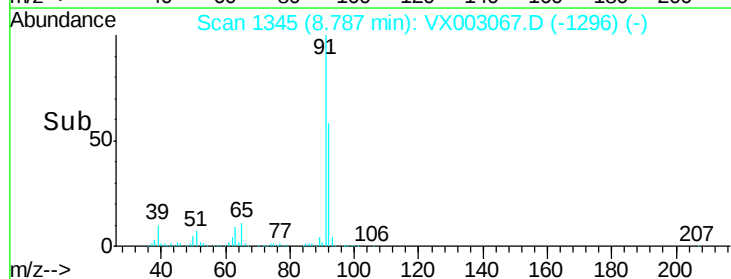
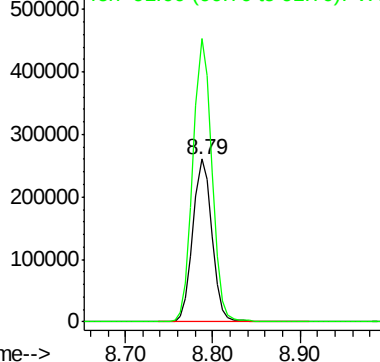
92 100

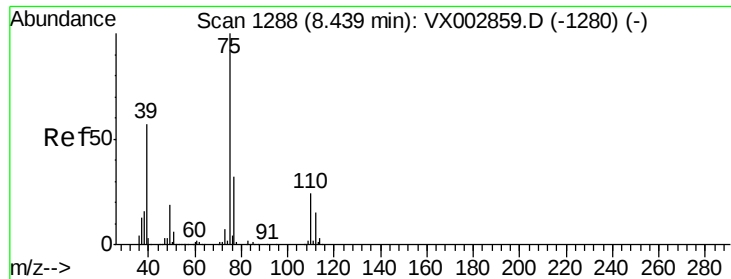
91 173.5 140.4 210.6



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: 45.47 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

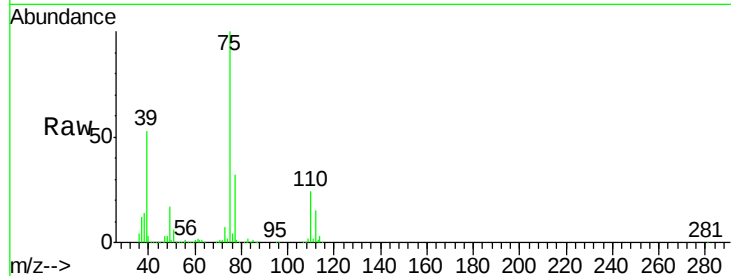
S73-0217

Tot Ion: 75 Resp: 217619

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

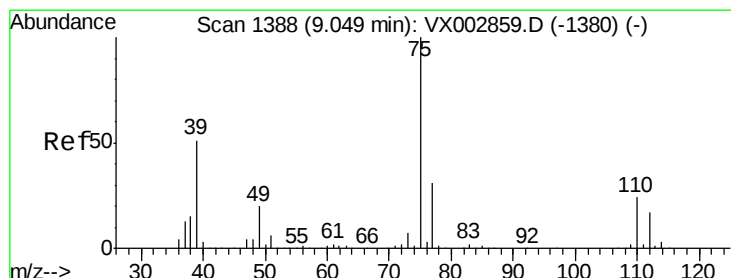
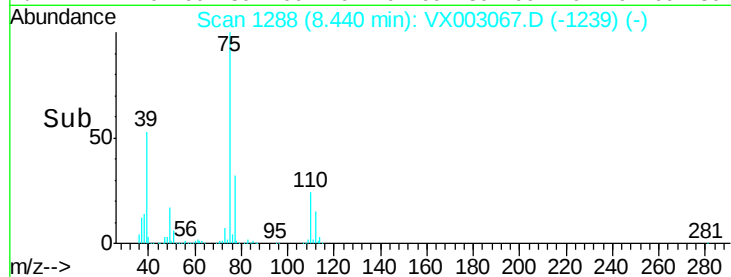
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.70 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

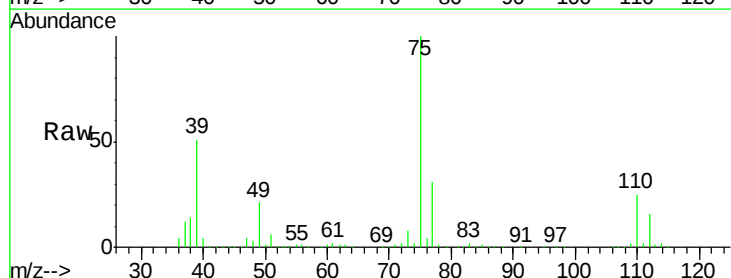
Tgt Ion: 75 Resp: 205821

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 50.6 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

150000

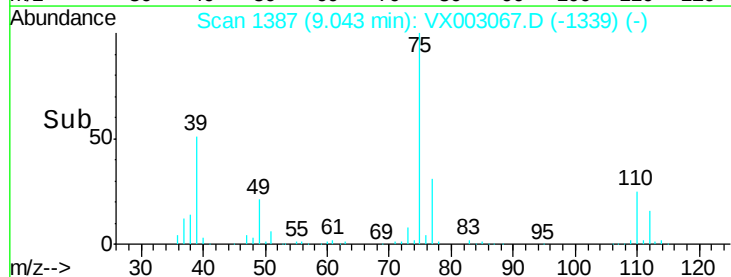
100000

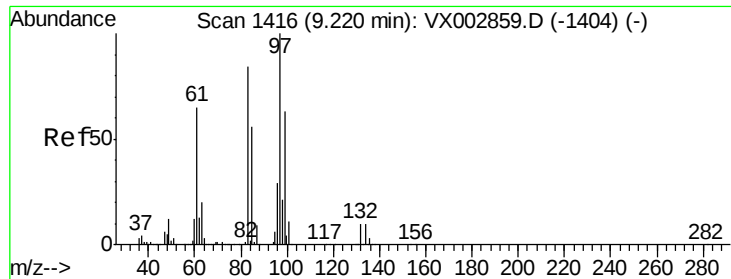
50000

0

9.00 9.10 9.20

Time-->



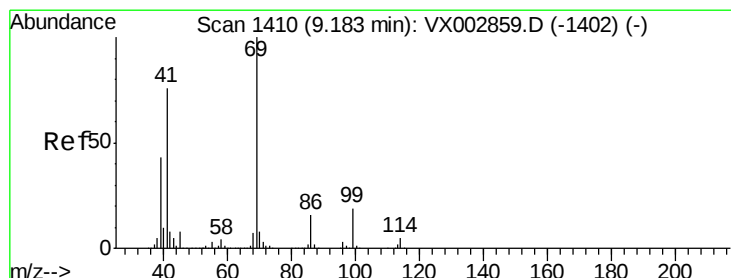
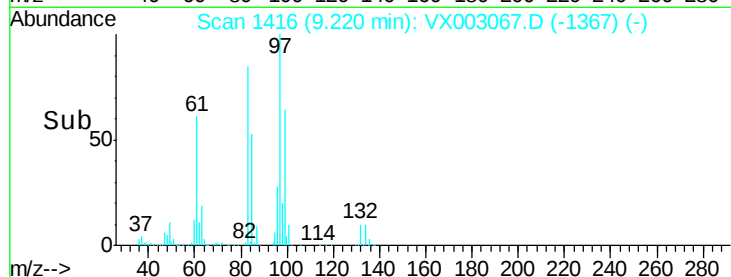
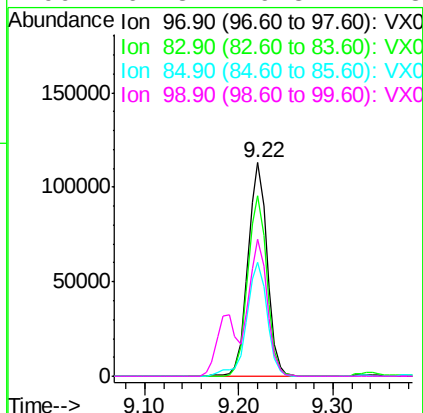
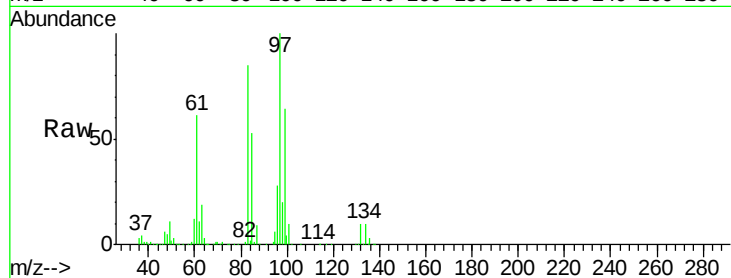


#55
 1,1,2-Trichloroethane
 Concen: 49.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Tot Ion: 97 Resp: 162160

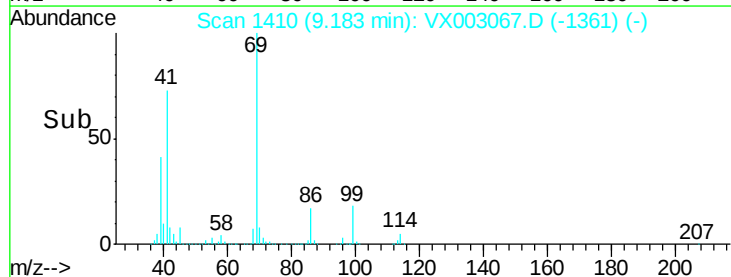
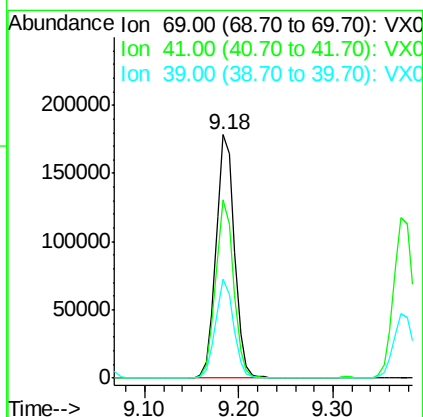
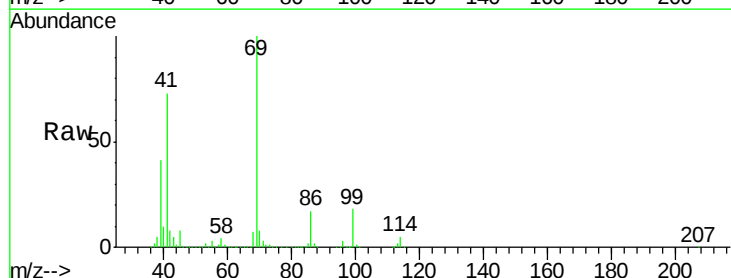
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	53.4	44.9	67.3
99	64.3	49.8	74.8

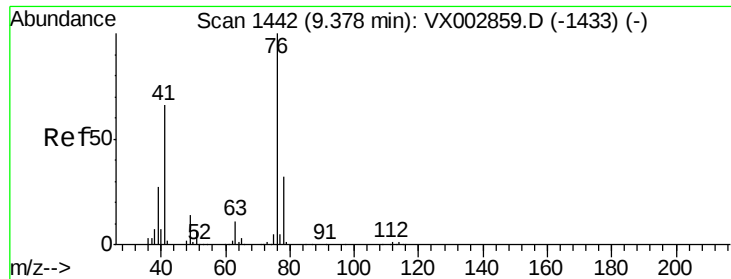


#56
 Ethyl methacrylate
 Concen: 50.71 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 69 Resp: 242256

Ion	Ratio	Lower	Upper
69	100		
41	71.5	60.3	90.5
39	40.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

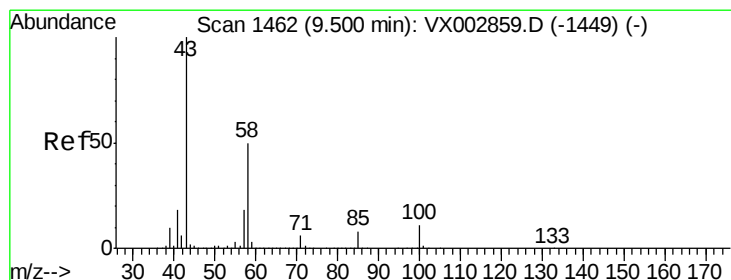
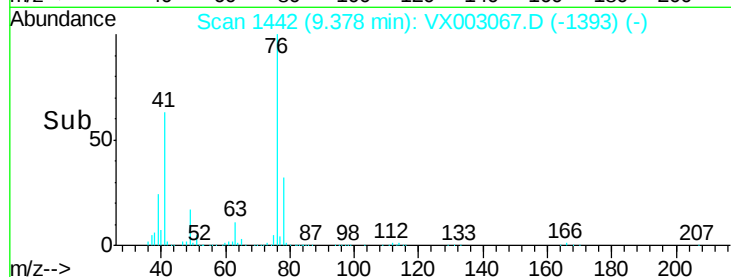
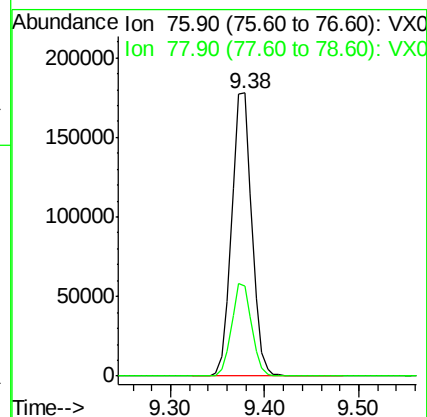
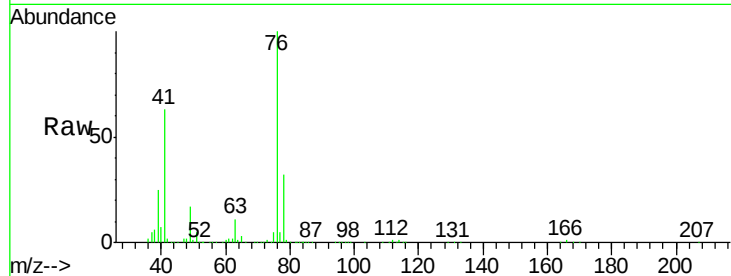
S73-0217

Tot Ion: 76 Resp: 263516

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#59

2-Hexanone

Concen: 238.38 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX003067.D

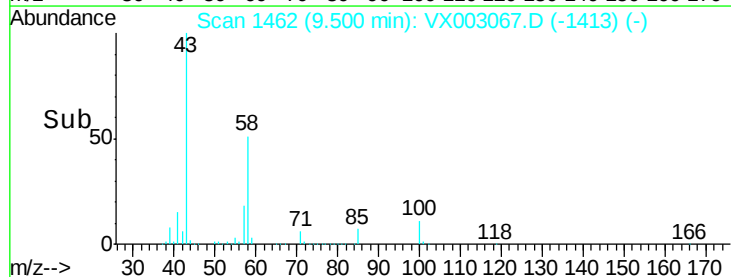
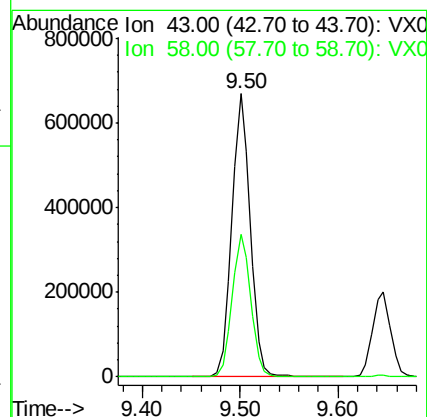
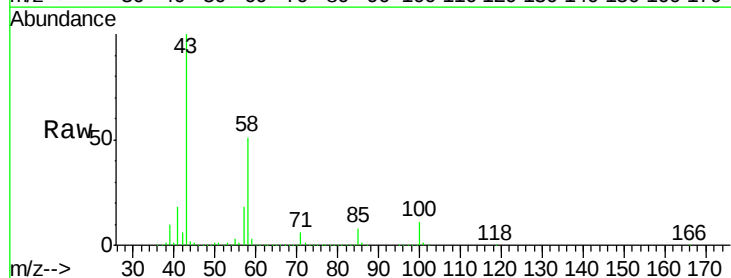
Acq: 30 Jun 2018 08:41

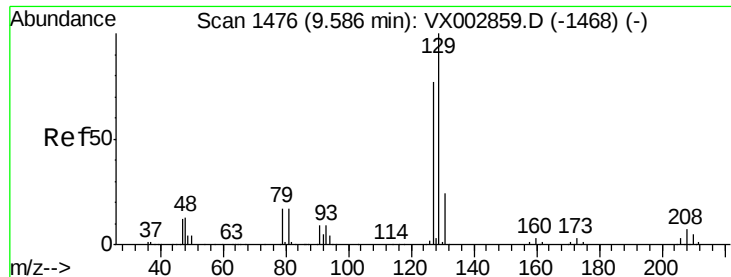
Tgt Ion: 43 Resp: 874695

Ion Ratio Lower Upper

43 100

58 51.1 24.6 73.6





#60

Dibromochloromethane

Concen: 50.64 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

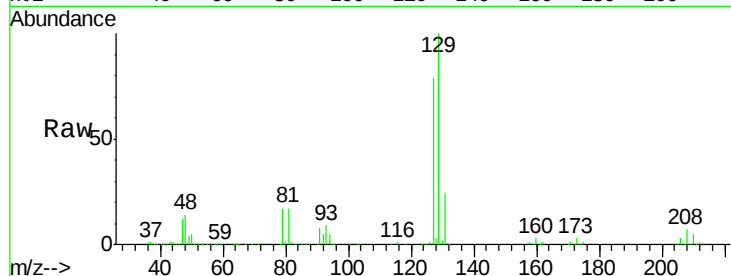
S73-0217

Tot Ion:129 Resp: 174253

Ion Ratio Lower Upper

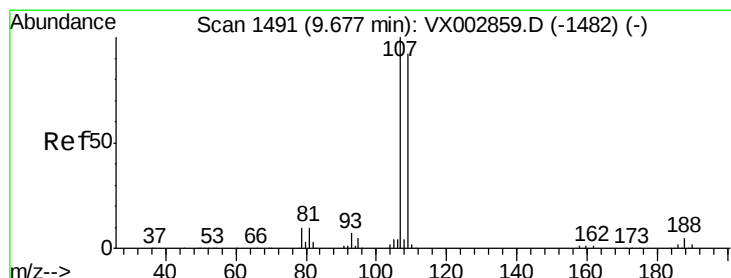
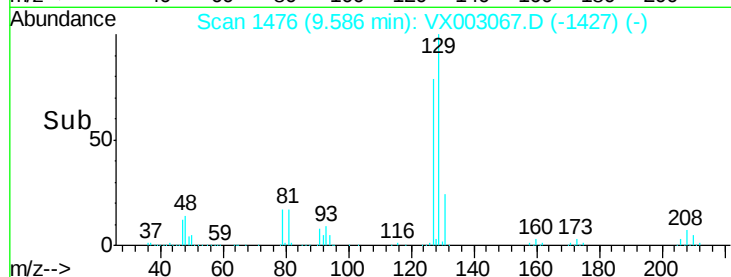
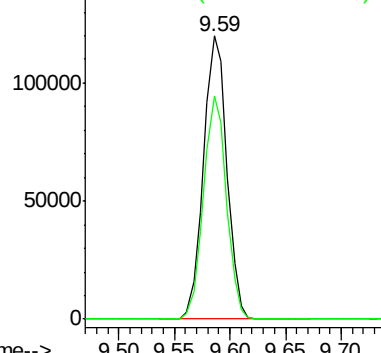
129 100

127 77.4 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003067.D

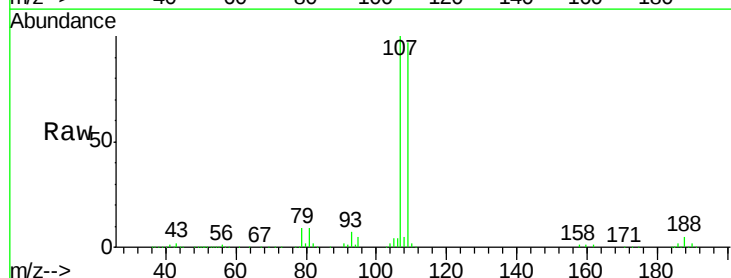
Acq: 30 Jun 2018 08:41

Tgt Ion:107 Resp: 169844

Ion Ratio Lower Upper

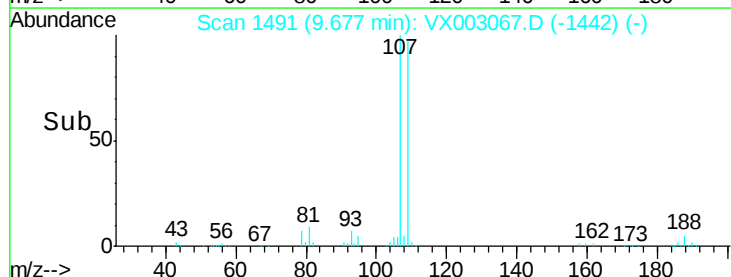
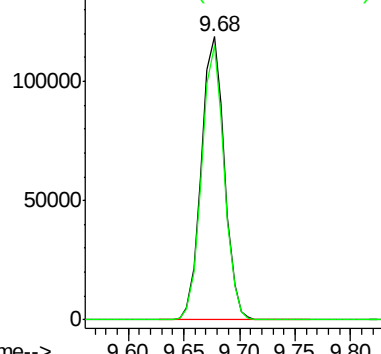
107 100

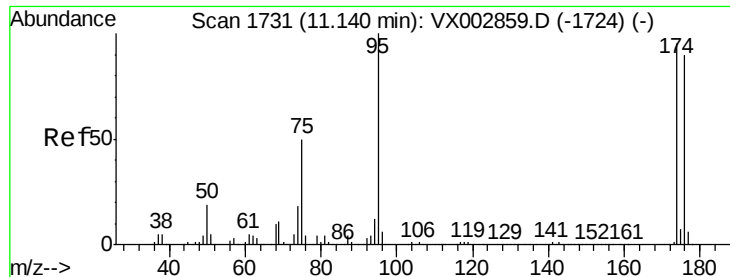
109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

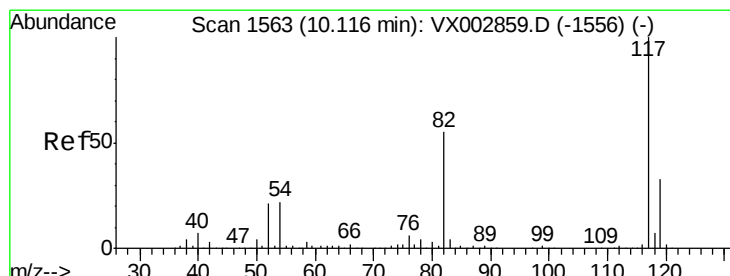
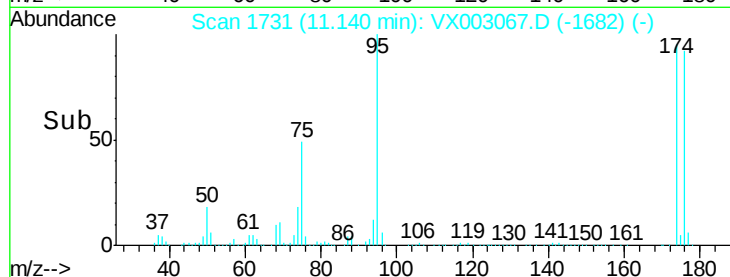
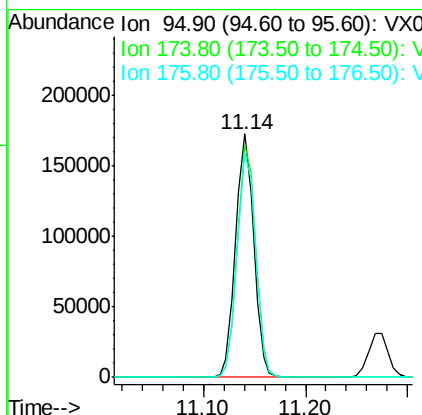
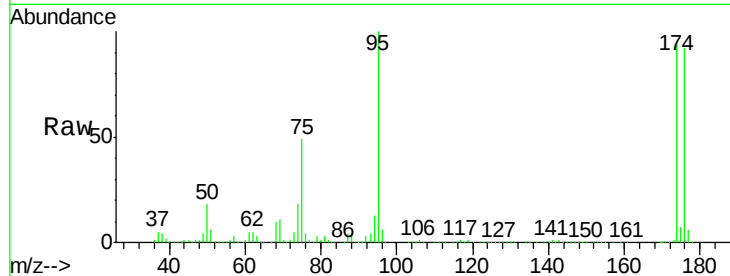




#62
4-Bromofluorobenzene
Concen: 48.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

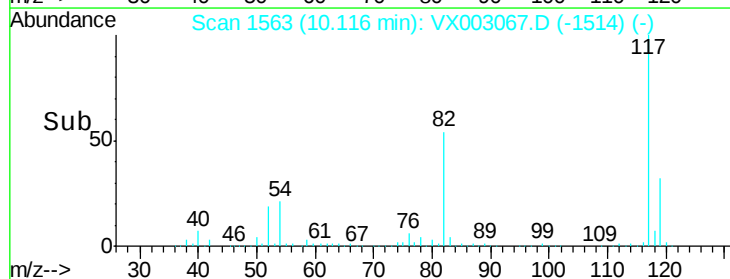
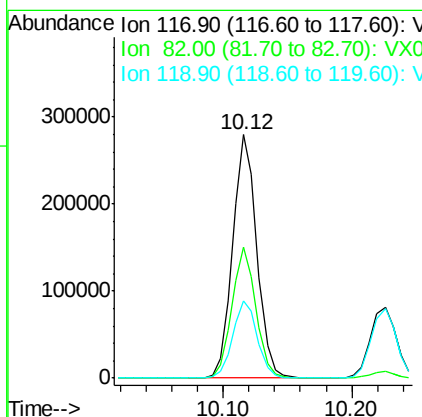
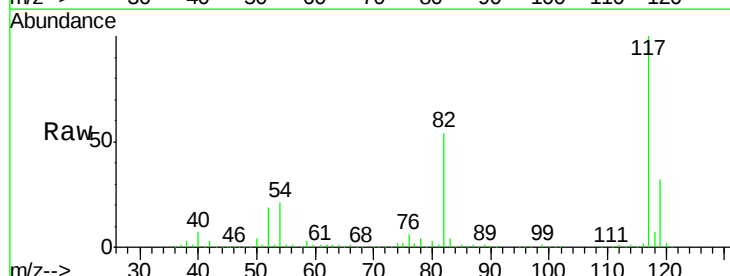
Instrument :
MSVOA_X
ClientSampled :
S73-0217

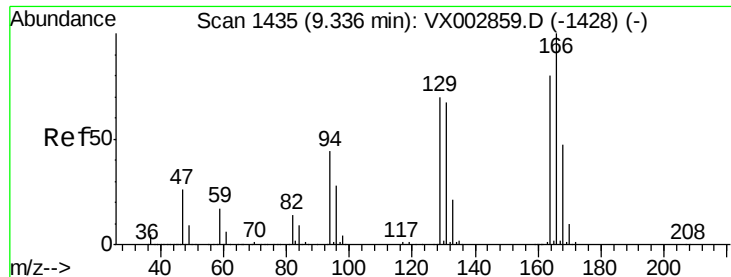
Tot Ion: 95 Resp: 211430
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 94.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion: 117 Resp: 366539
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.8 25.8 38.6





#64

Tetrachloroethene

Concen: 42.62 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

Tot Ion:164 Resp: 173698

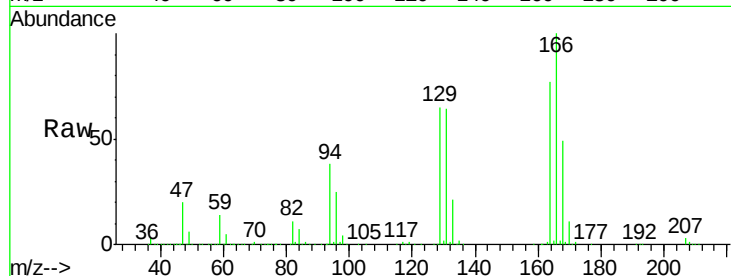
Ion Ratio Lower Upper

164 100

166 129.3 102.9 154.3

129 84.1 68.6 102.8

131 82.6 66.8 100.2

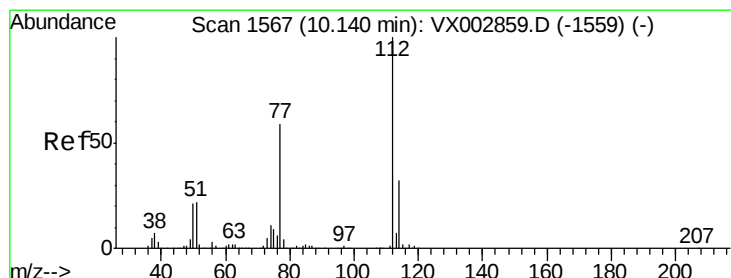
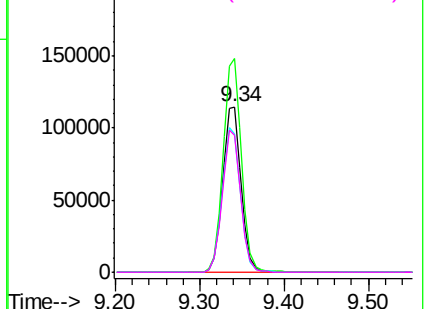
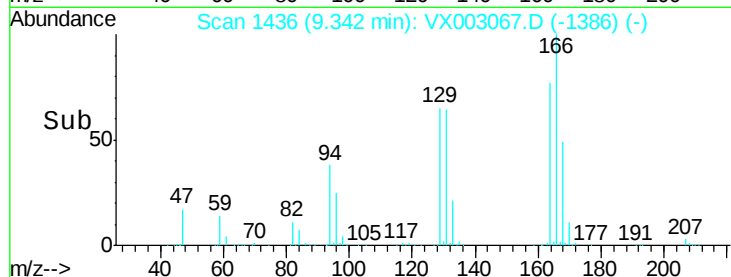


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.45 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003067.D

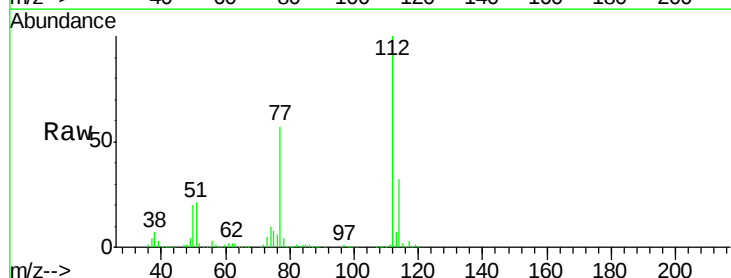
Acq: 30 Jun 2018 08:41

Tgt Ion:112 Resp: 451118

Ion Ratio Lower Upper

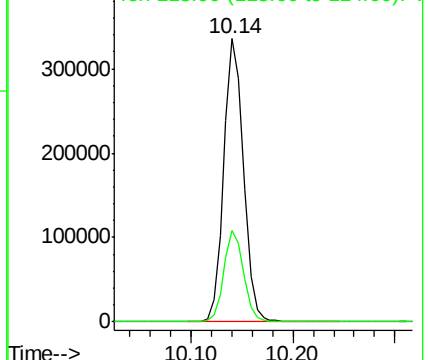
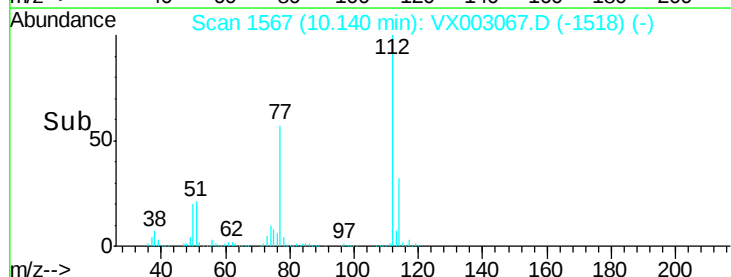
112 100

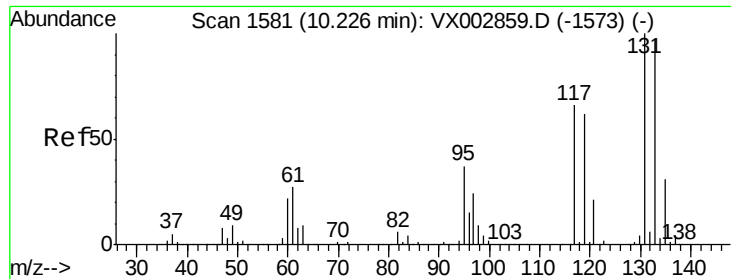
114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

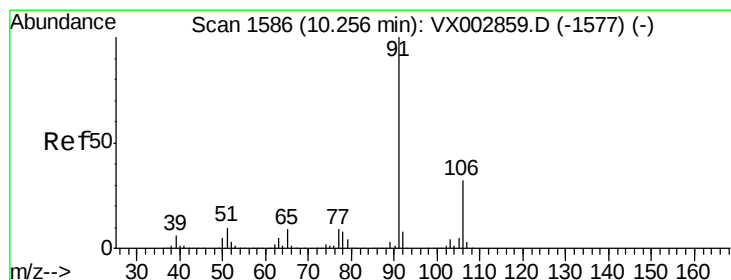
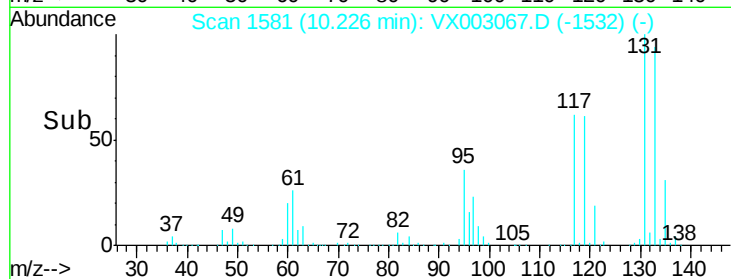
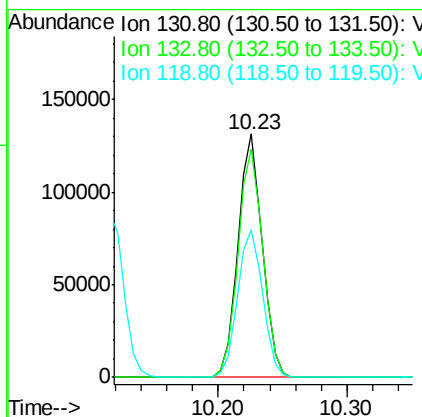
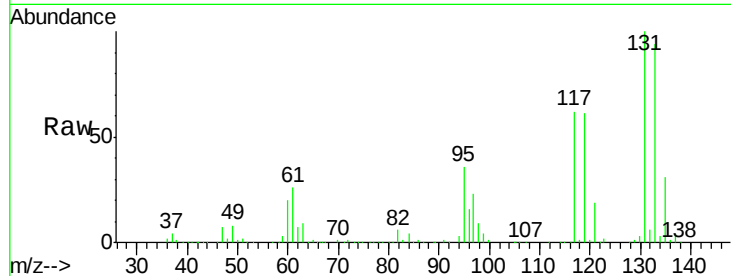




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.62 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

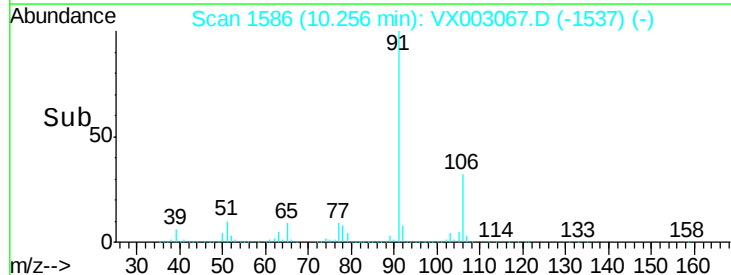
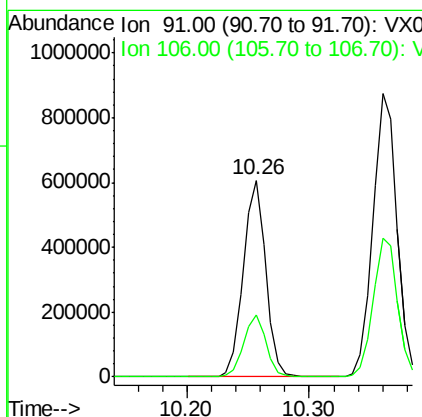
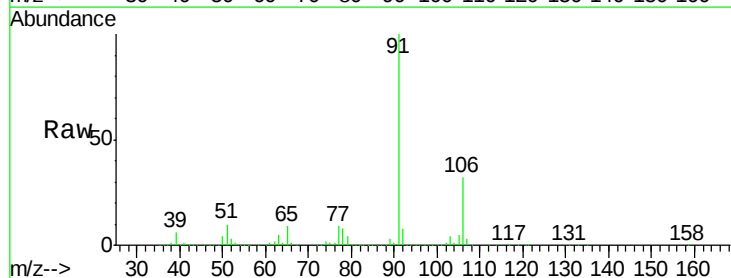
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

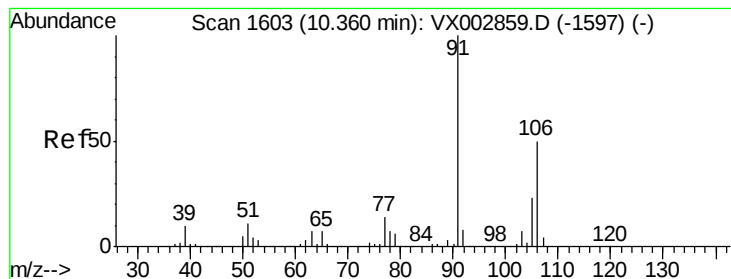
Tot Ion:131 Resp: 171201
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.9 143.6
 119 62.9 31.8 95.3



#67
 Ethyl Benzene
 Concen: 50.02 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 91 Resp: 769251
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.5 38.3





#68

m/p-Xvlenes

Concen: 100.20 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

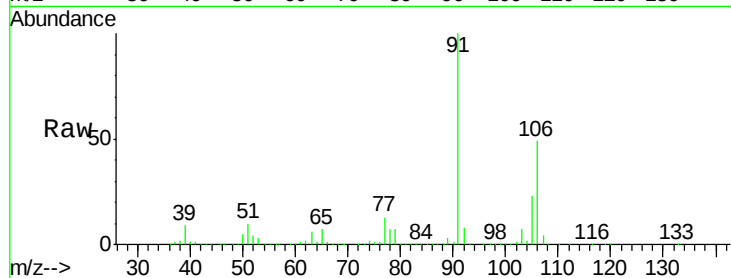
S73-0217

Tot Ion:106 Resp: 593937

Ion Ratio Lower Upper

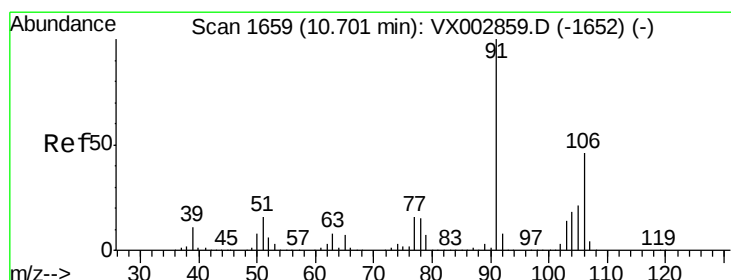
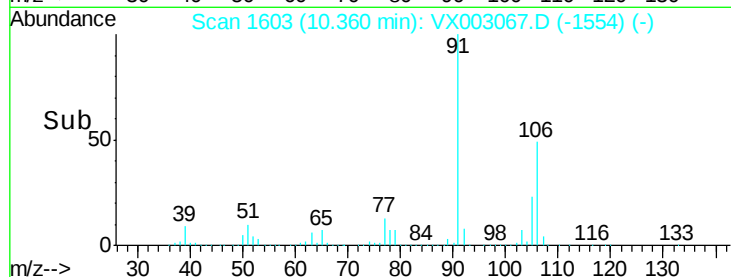
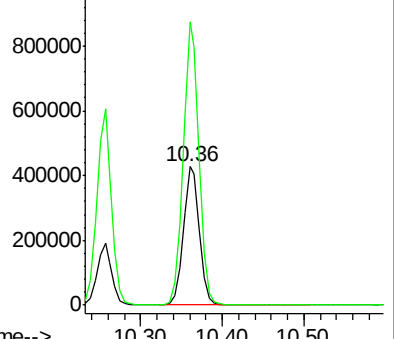
106 100

91 200.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.27 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX003067.D

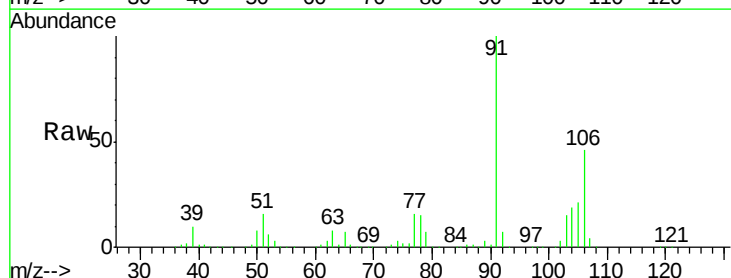
Acq: 30 Jun 2018 08:41

Tgt Ion:106 Resp: 290154

Ion Ratio Lower Upper

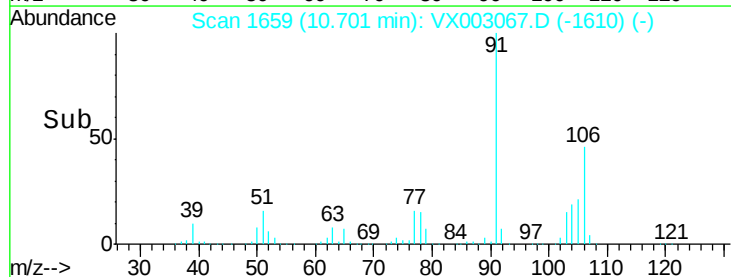
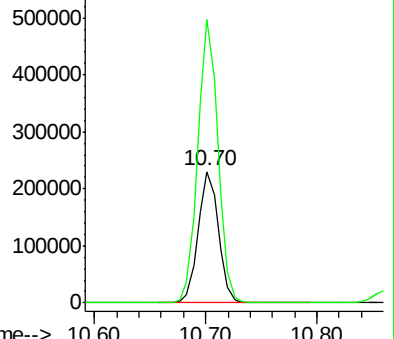
106 100

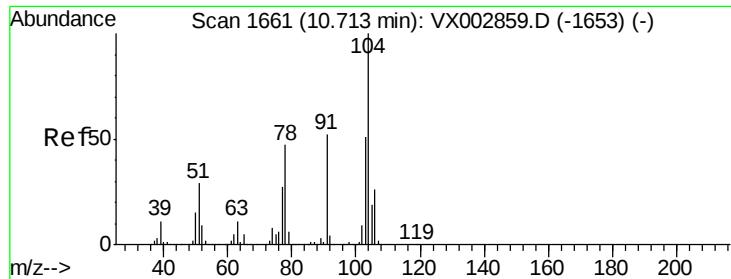
91 214.0 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

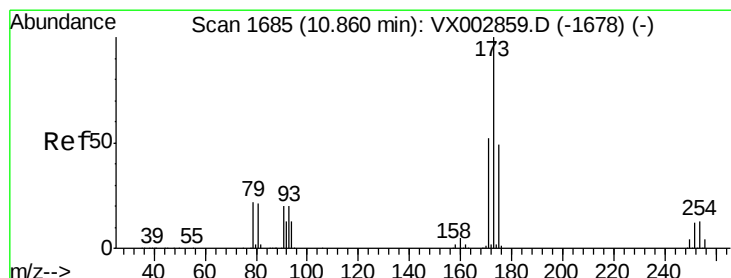
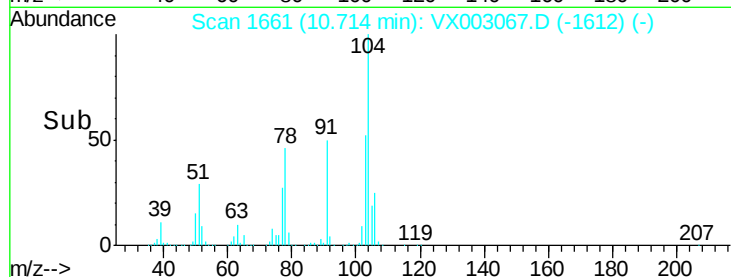
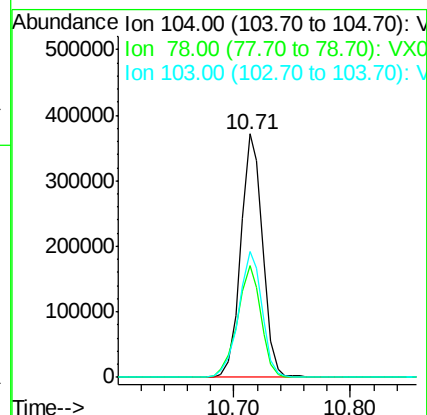
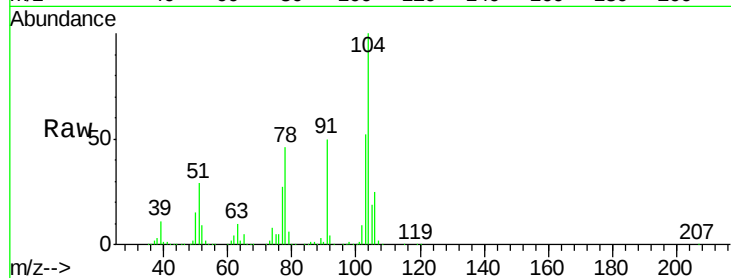




#70
Stvrene
Concen: 51.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

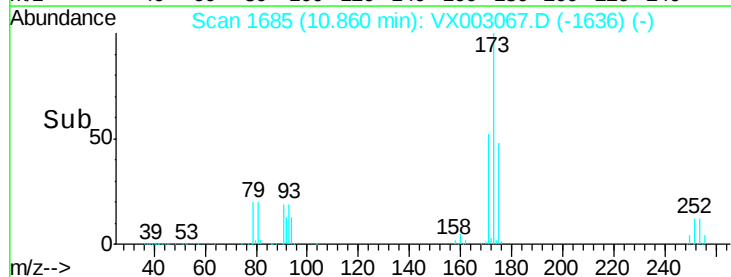
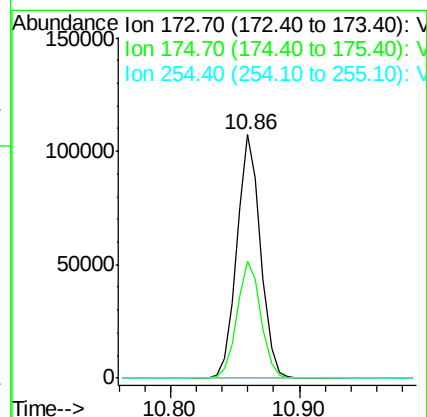
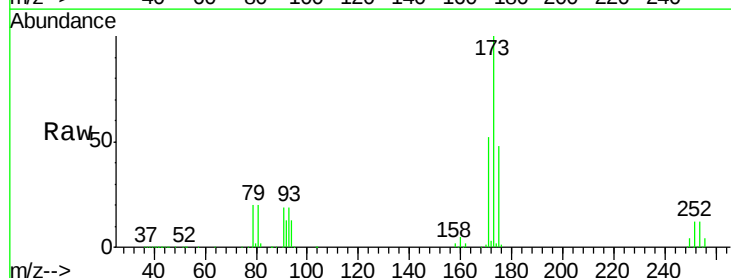
Instrument :
MSVOA_X
ClientSampled :
S73-0217

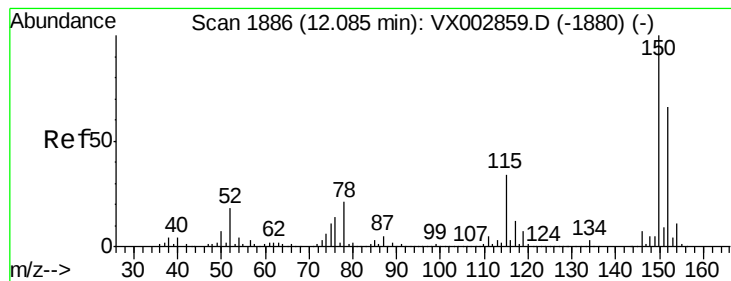
Tot Ion:104 Resp: 483063
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.9 44.2 66.4



#71
Bromoform
Concen: 45.17 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion:173 Resp: 136786
Ion Ratio Lower Upper
173 100
175 48.5 24.7 74.1
254 0.2 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

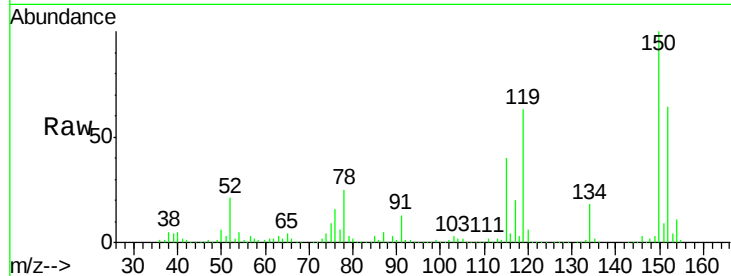
Tot Ion:152 Resp: 228845

Ion Ratio Lower Upper

152 100

115 76.9 40.1 120.2

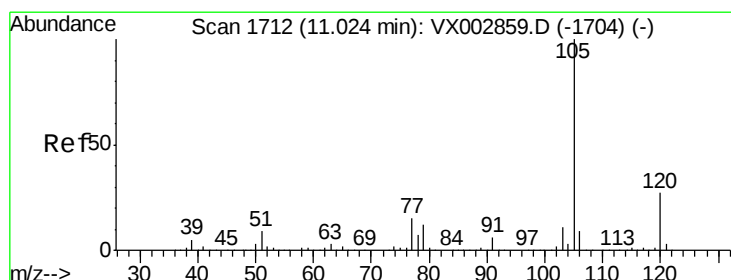
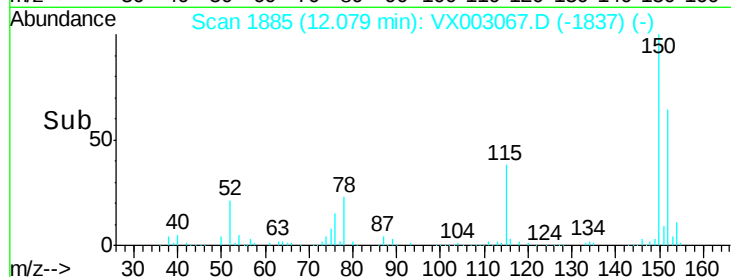
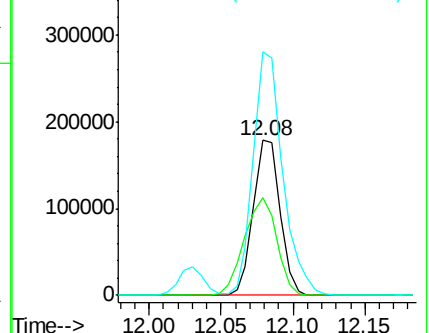
150 174.5 0.0 347.2



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: 50.66 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003067.D

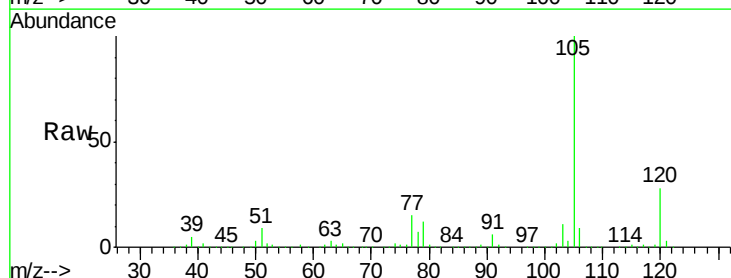
Acq: 30 Jun 2018 08:41

Tgt Ion:105 Resp: 779956

Ion Ratio Lower Upper

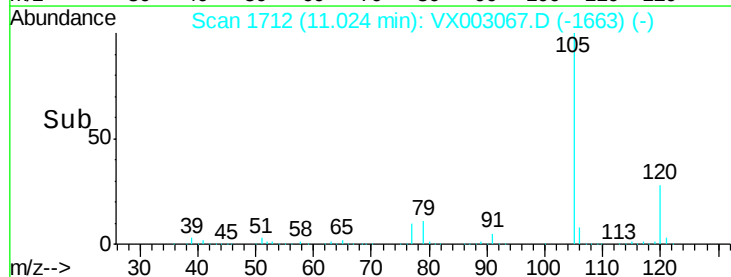
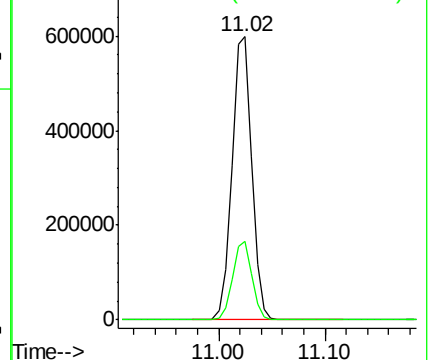
105 100

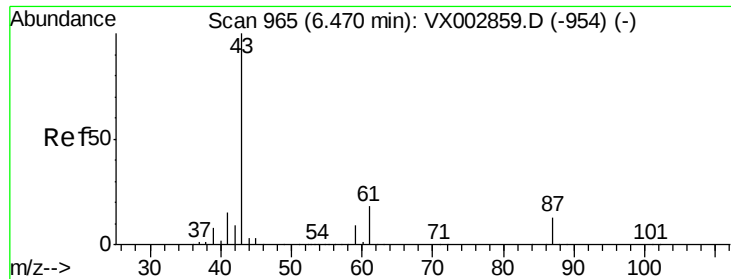
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.93 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

Tot Ion: 43 Resp: 315863

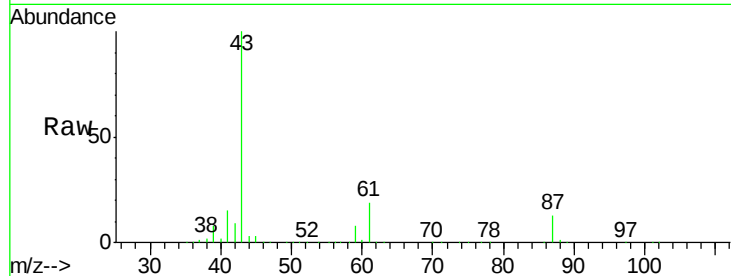
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.8 14.4 21.6

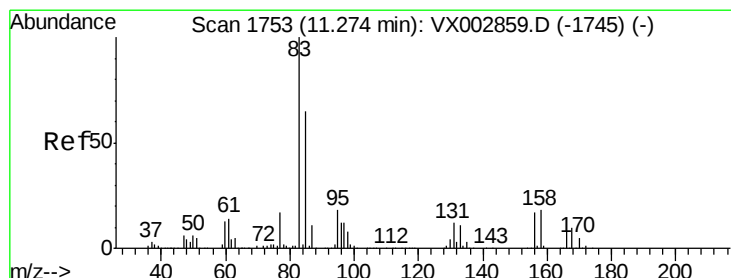
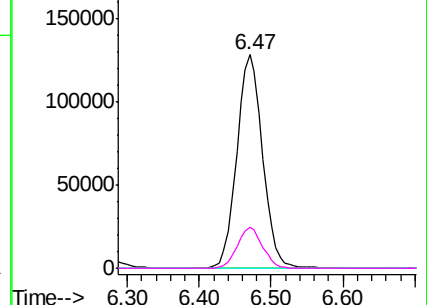
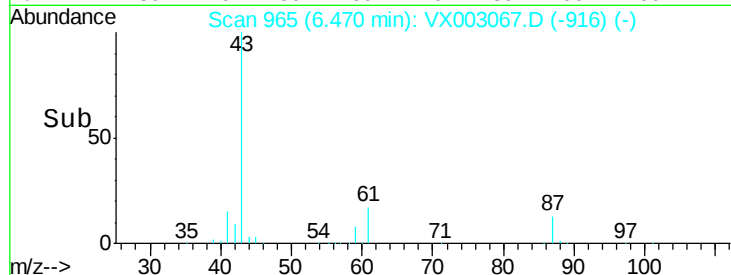


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.91 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

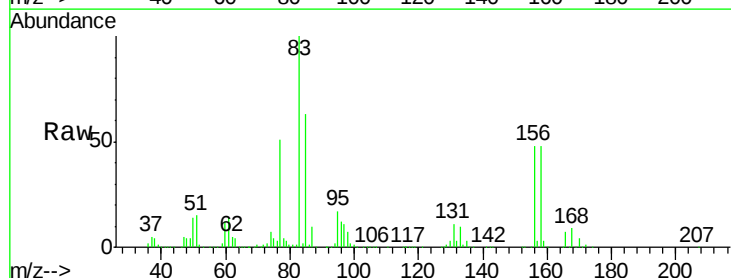
Tgt Ion: 83 Resp: 246182

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

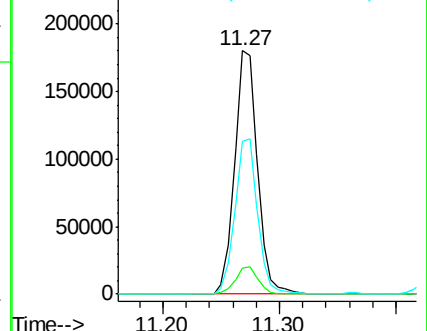
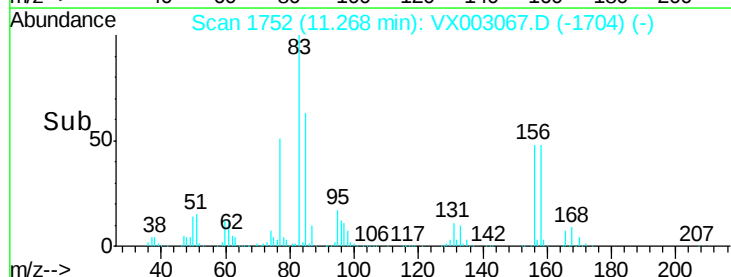
85 63.8 32.4 97.2

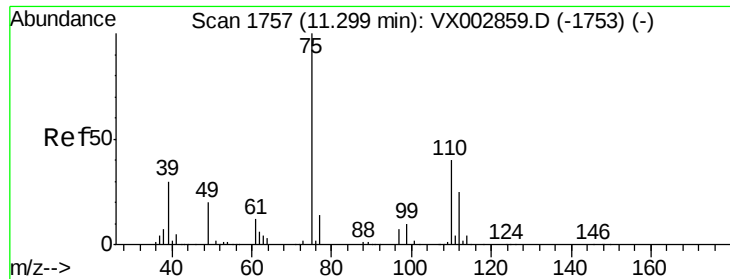


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

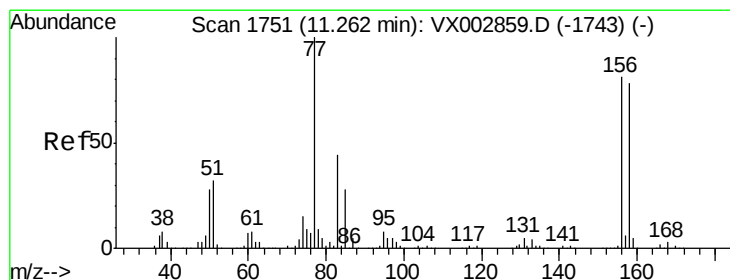
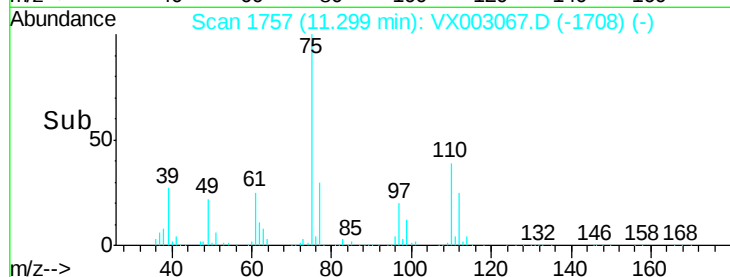
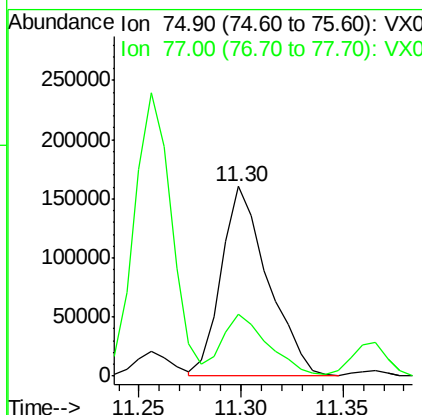
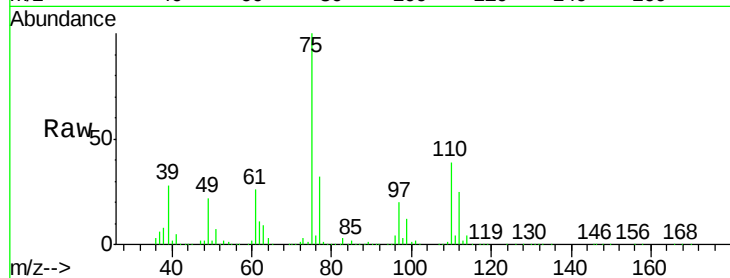




#76
 1,2,3-Trichloropropane
 Concen: 61.14 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

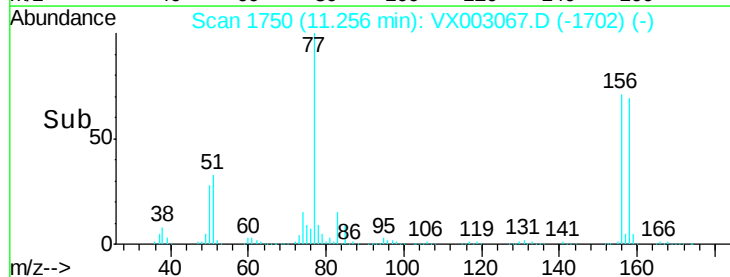
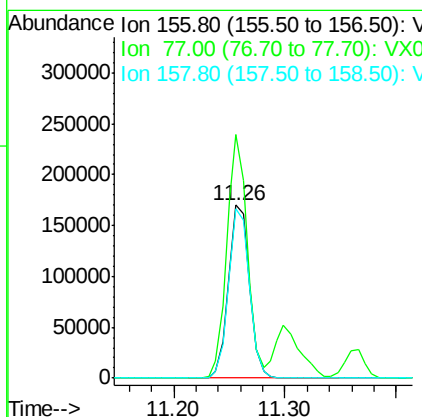
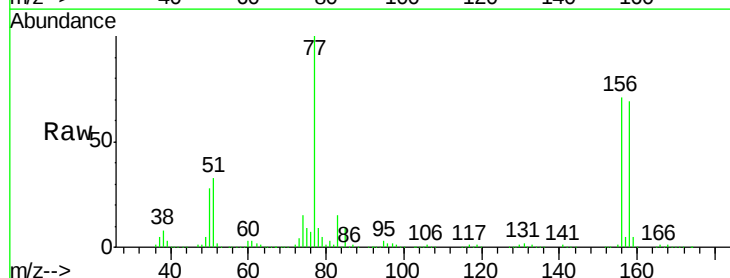
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0217

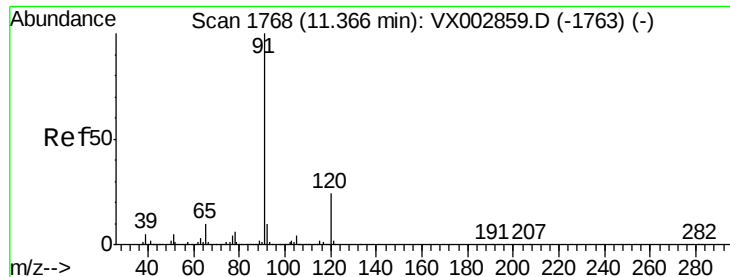
Tot Ion: 75 Resp: 253460
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.8 68.3



#77
 Bromobenzene
 Concen: 50.62 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 156 Resp: 221942
 Ion Ratio Lower Upper
 156 100
 77 136.4 71.4 214.2
 158 97.5 48.9 146.6





#78

n-propylbenzene

Concen: 49.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

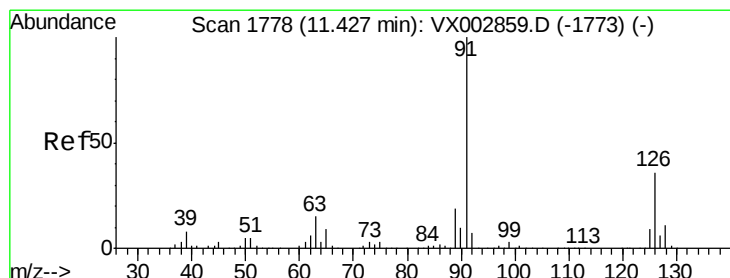
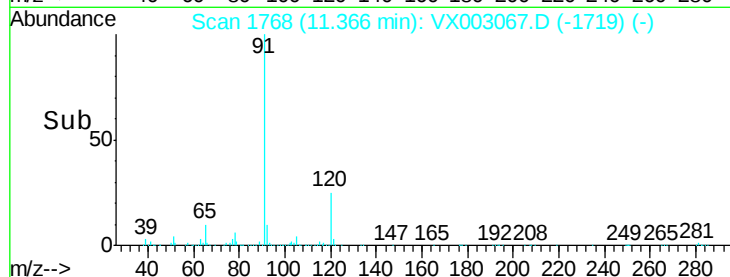
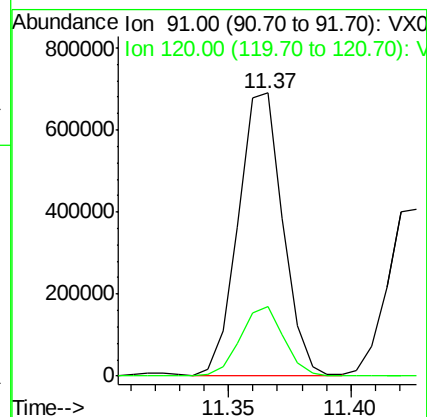
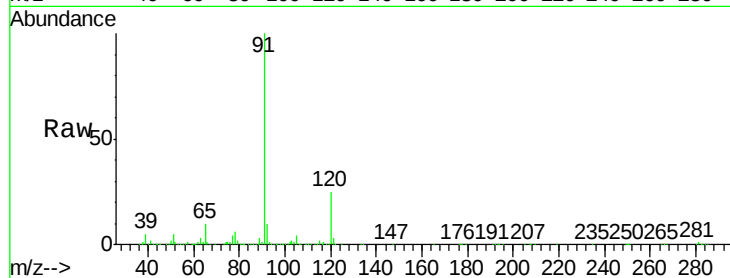
S73-0217

Tot Ion: 91 Resp: 868283

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4



#79

2-Chlorotoluene

Concen: 49.65 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003067.D

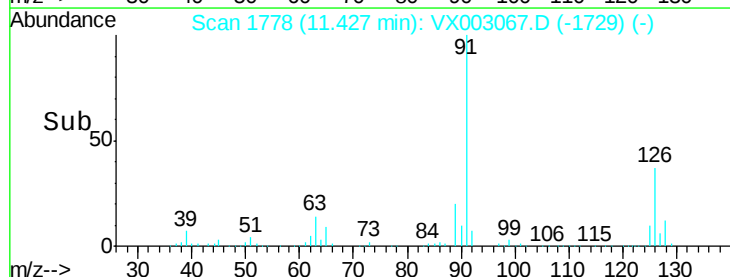
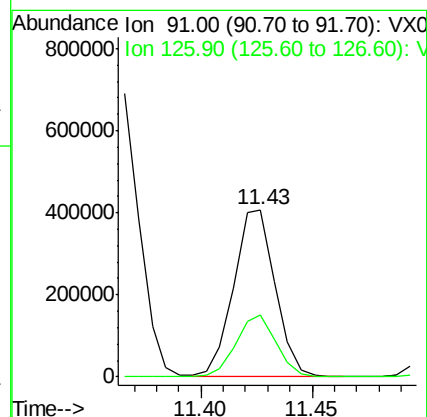
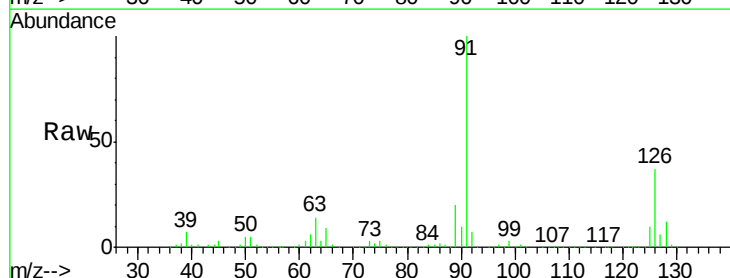
Acq: 30 Jun 2018 08:41

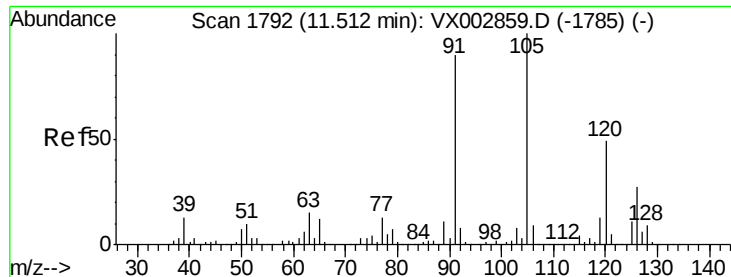
Tgt Ion: 91 Resp: 526775

Ion Ratio Lower Upper

91 100

126 36.2 17.7 53.1

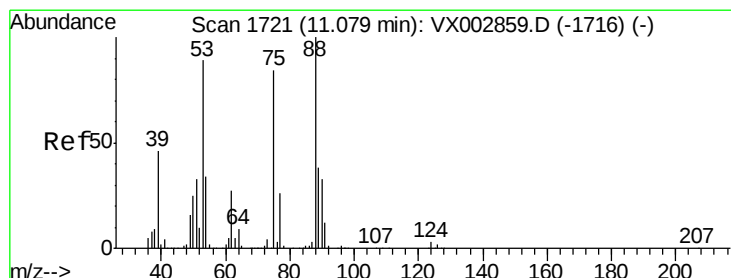
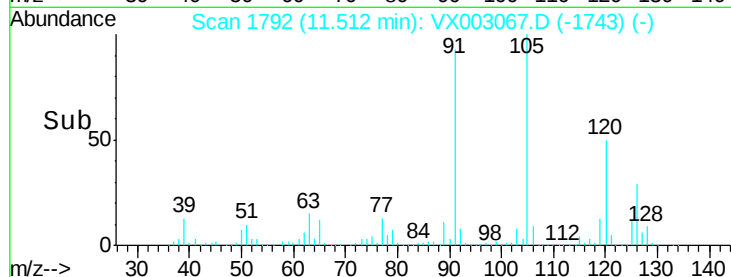
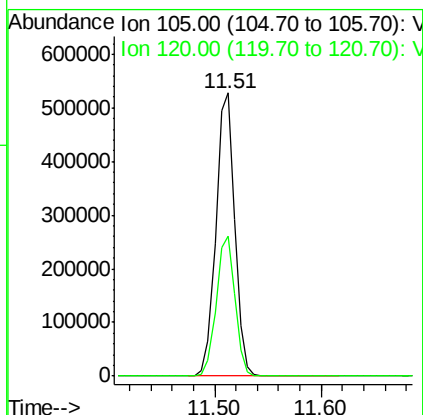
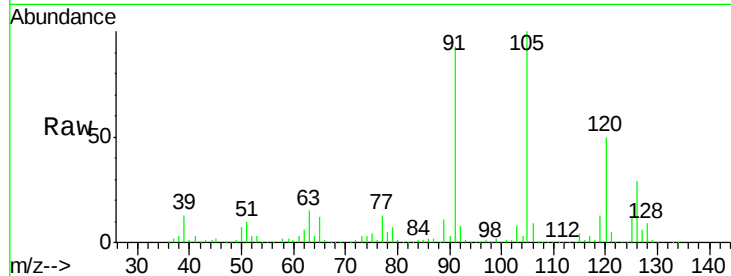




#80
 1,3,5-Trimethylbenzene
 Concen: 49.49 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

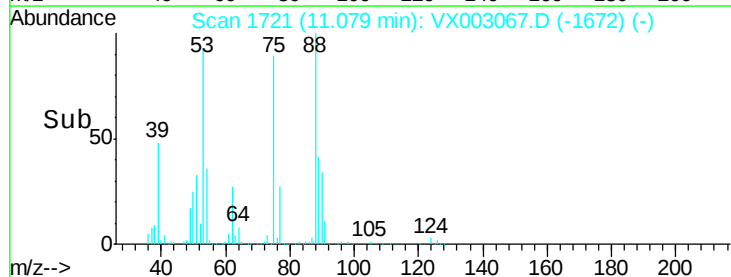
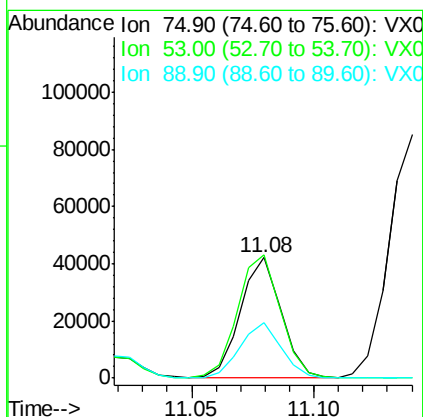
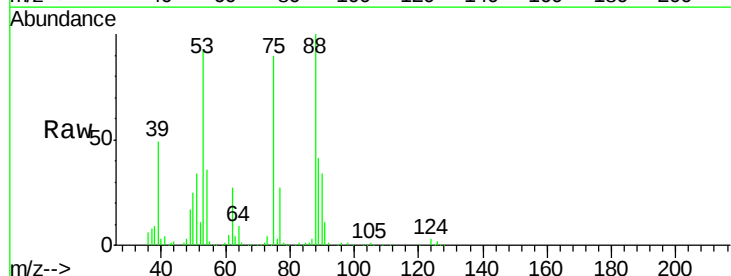
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

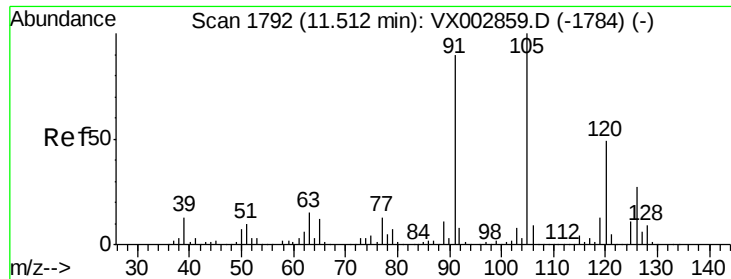
Tot Ion:105 Resp: 641744
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.34 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 75 Resp: 48976
 Ion Ratio Lower Upper
 75 100
 53 107.9 86.8 130.2
 89 46.6 38.2 57.2





#82

4-Chlorotoluene

Concen: 49.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

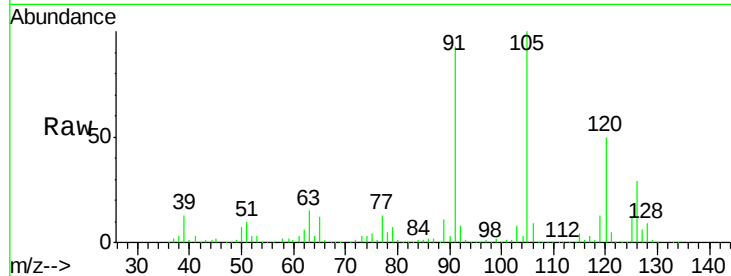
S73-0217

Tot Ion: 91 Resp: 619433

Ion Ratio Lower Upper

91 100

126 31.7 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1784) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1784) (-)

11.51

500000

400000

300000

200000

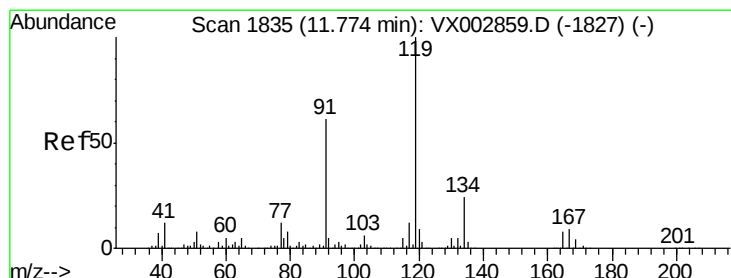
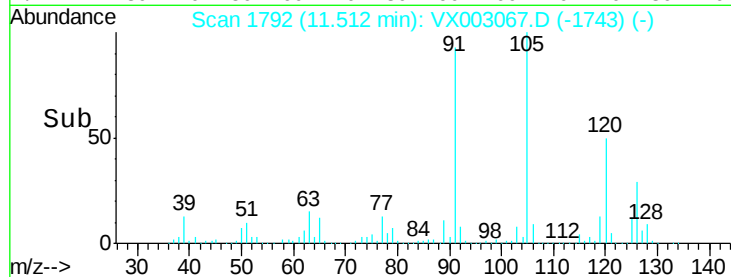
100000

0

11.50

11.60

Time-->



#83

tert-Butylbenzene

Concen: 51.72 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

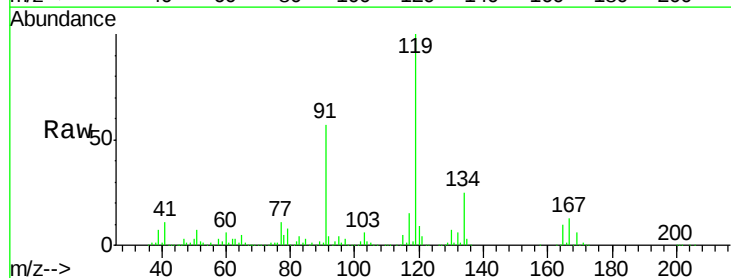
Tgt Ion: 119 Resp: 660878

Ion Ratio Lower Upper

119 100

91 56.5 30.3 90.9

134 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): VX002859.D (-1827) (-)

Ion 91.00 (90.70 to 91.70): VX002859.D (-1827) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1827) (-)

11.77

600000

400000

200000

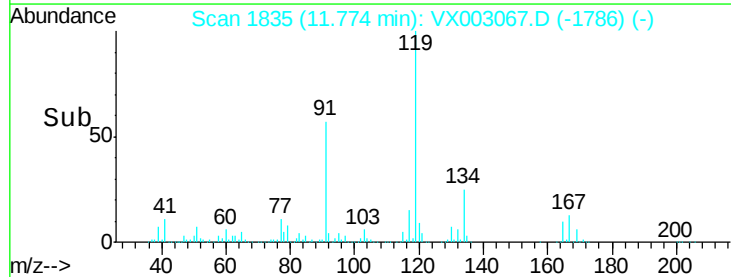
0

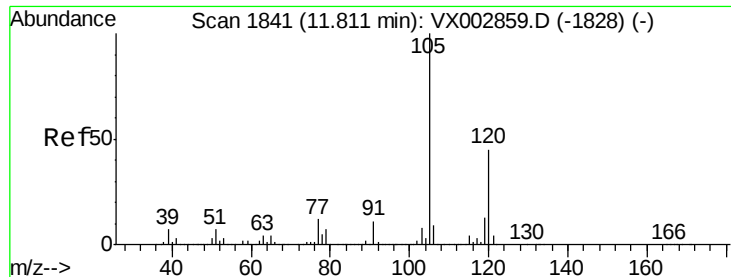
11.70

11.75

11.80

Time-->

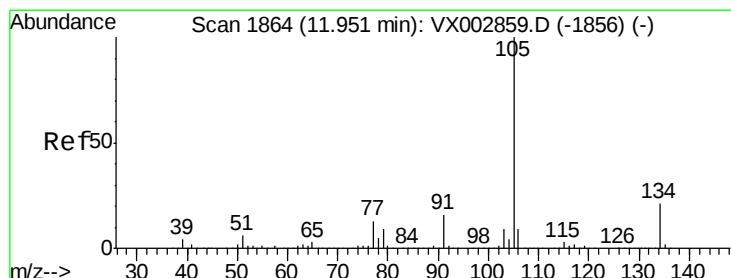
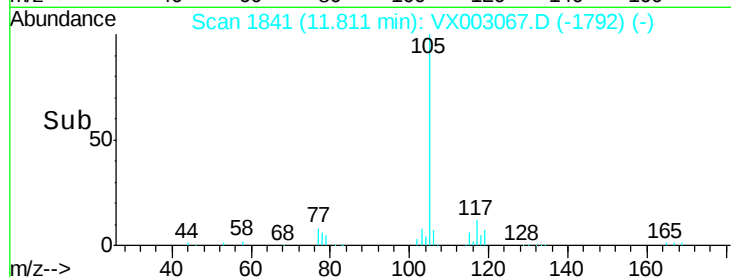
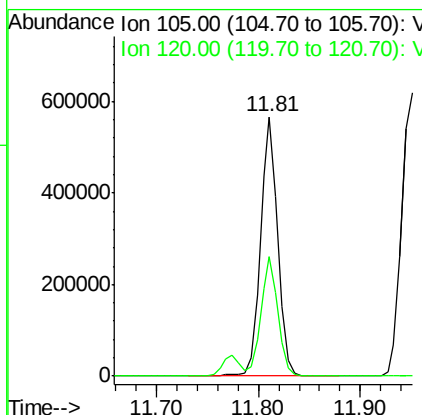
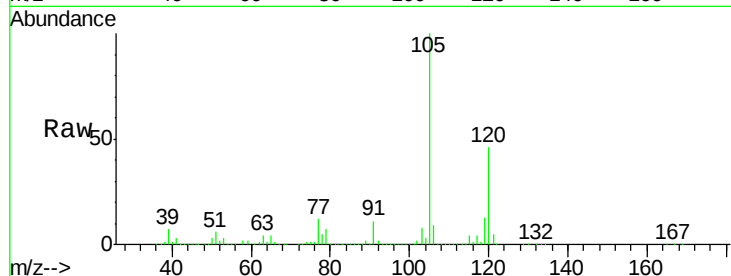




#84
1,2,4-Trimethylbenzene
Concen: 49.71 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

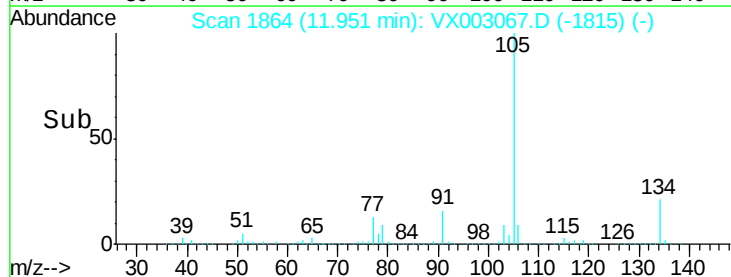
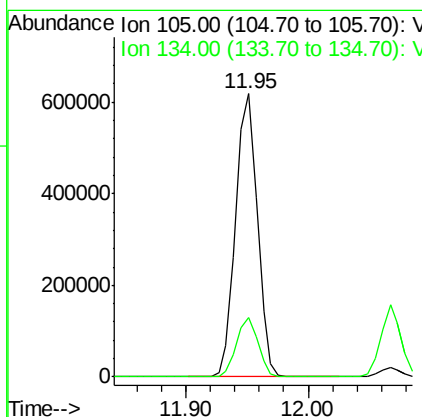
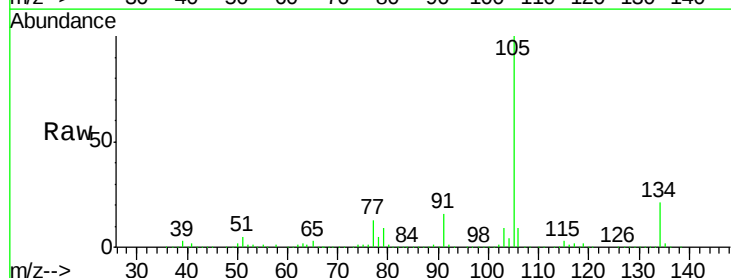
Instrument :
MSVOA_X
ClientSampleId :
S73-0217

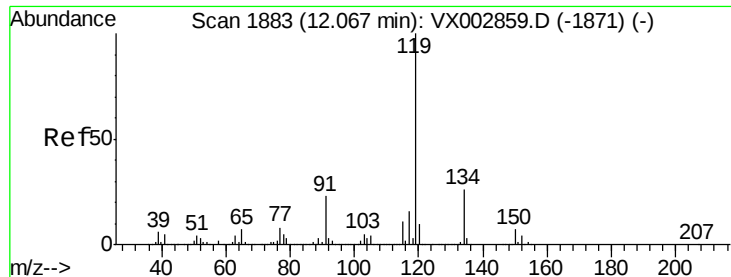
Tot Ion:105 Resp: 667878
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8



#85
sec-Butylbenzene
Concen: 48.84 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion:105 Resp: 757096
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.1

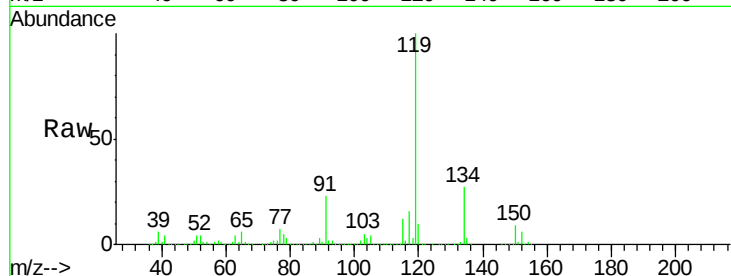




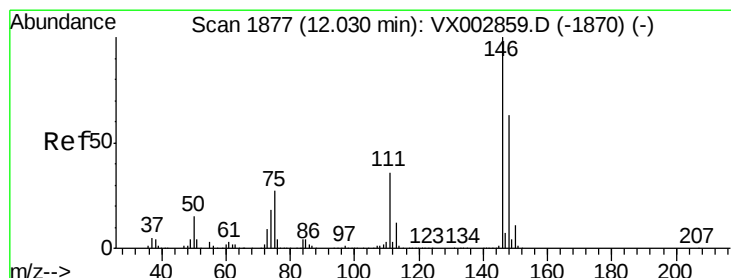
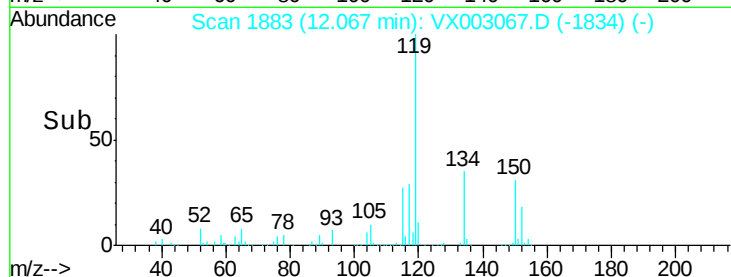
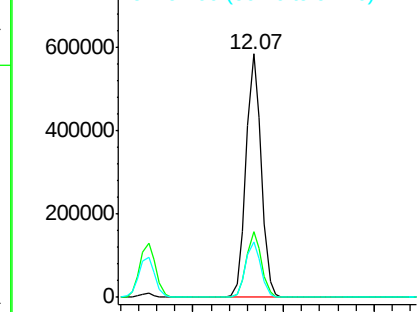
#86
p-Isopropyltoluene
Concen: 48.55 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
S73-0217

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	23.1	11.9	35.7

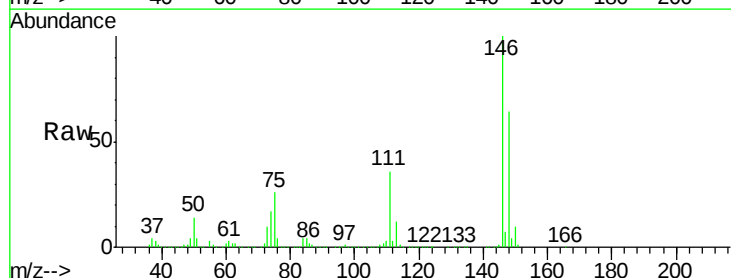


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

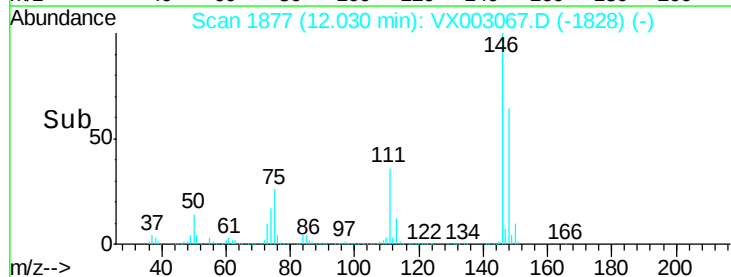
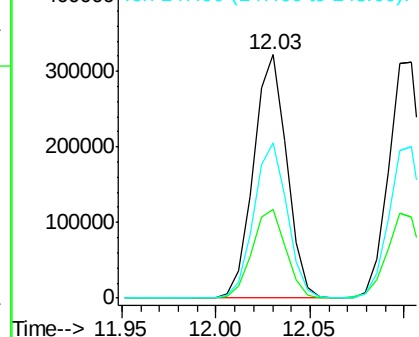


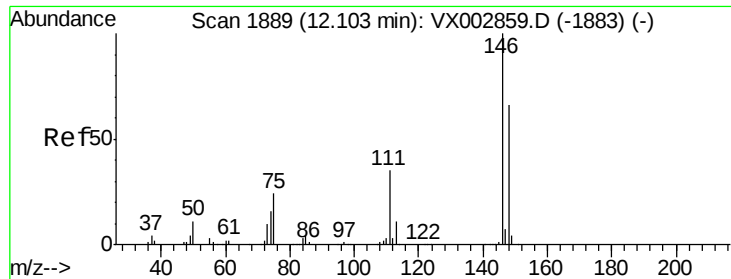
#87
1,3-Dichlorobenzene
Concen: 49.27 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003067.D
Acq: 30 Jun 2018 08:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.7
148	63.8	32.1	96.3



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

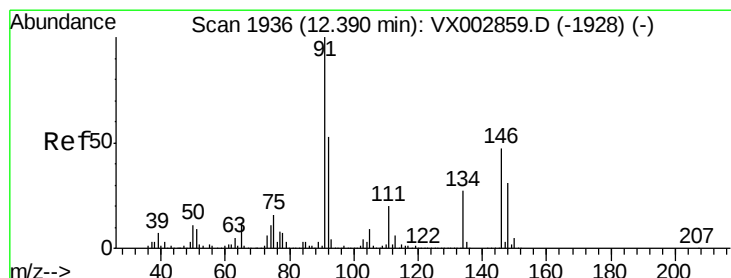
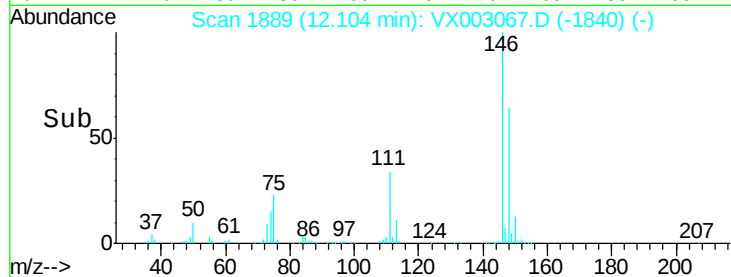
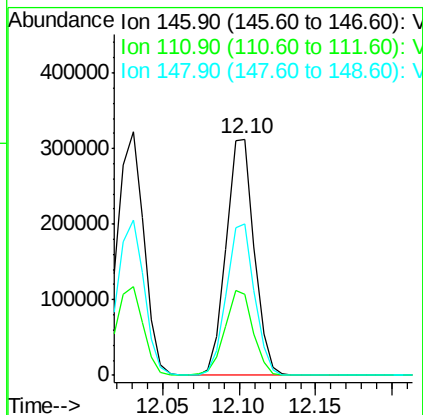
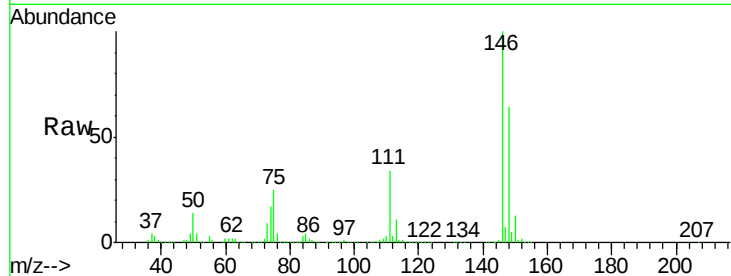




#88
 1,4-Dichlorobenzene
 Concen: 48.24 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

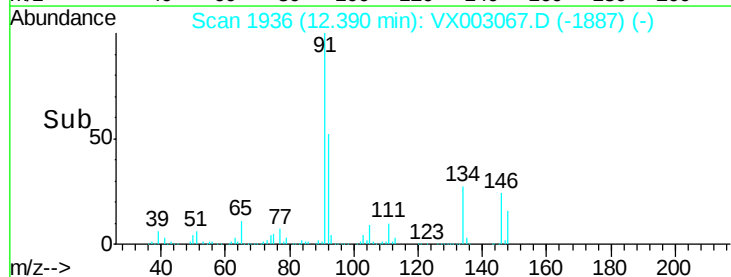
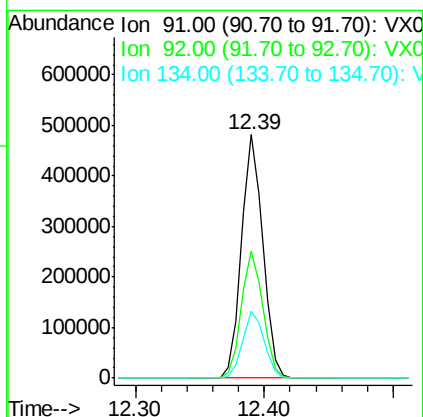
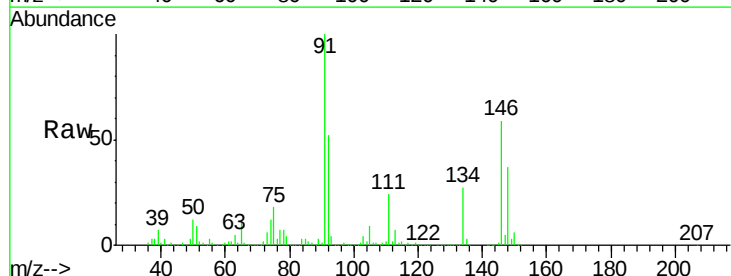
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

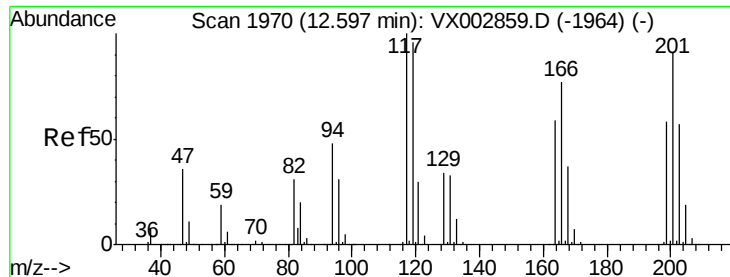
Tot Ion:146 Resp: 397525
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 64.1 32.4 97.0



#89
 n-Butylbenzene
 Concen: 45.48 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003067.D
 Acq: 30 Jun 2018 08:41

Tgt Ion: 91 Resp: 551766
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.0 78.0
 134 27.7 13.5 40.5





#90

Hexachloroethane

Concen: 47.17 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

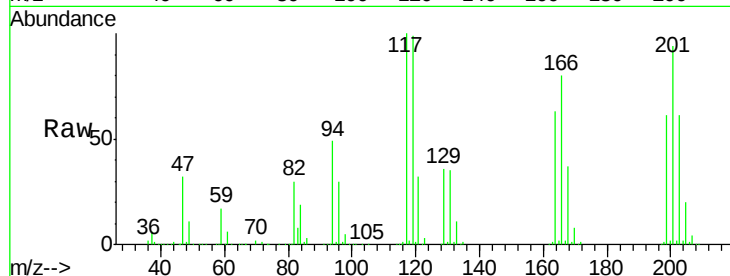
S73-0217

Tot Ion:117 Resp: 97782

Ion Ratio Lower Upper

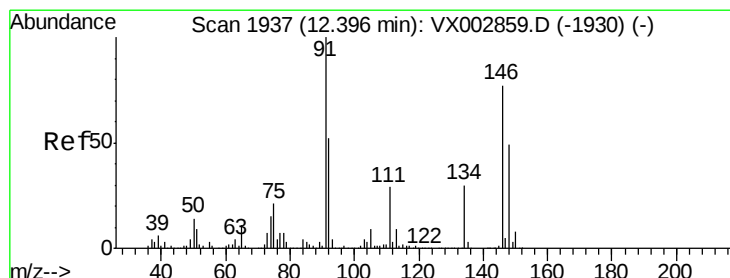
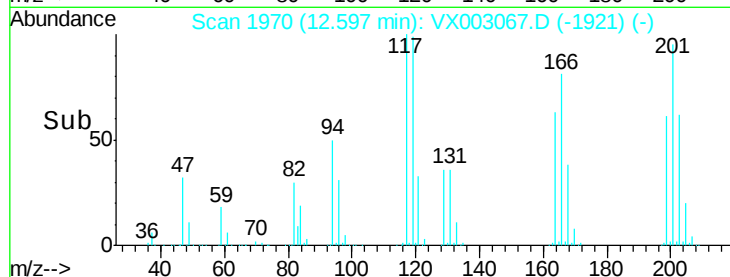
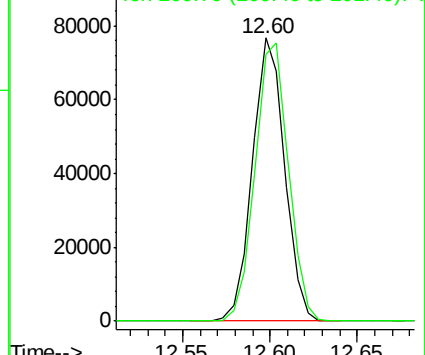
117 100

201 102.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

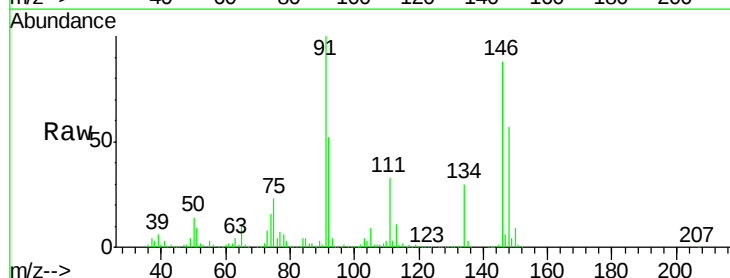
Tgt Ion:146 Resp: 400554

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.1

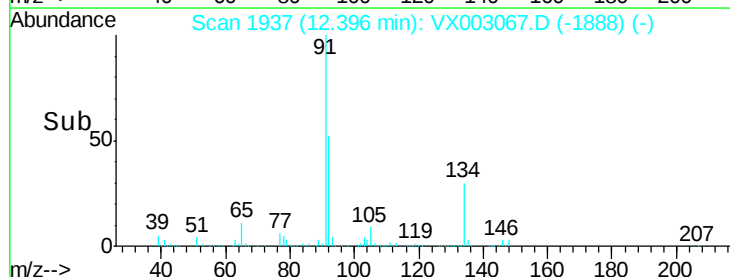
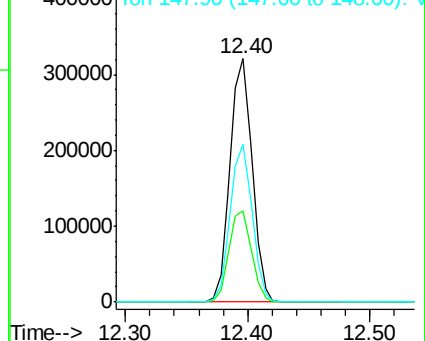
148 64.3 31.7 95.1

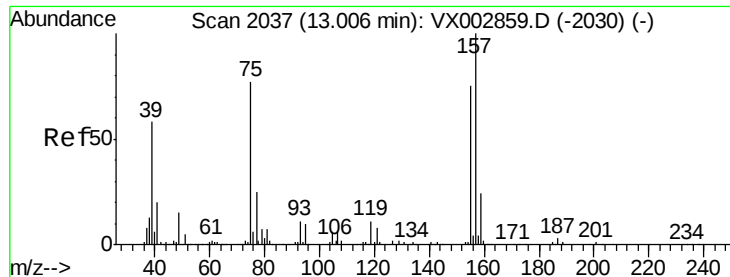


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.43 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

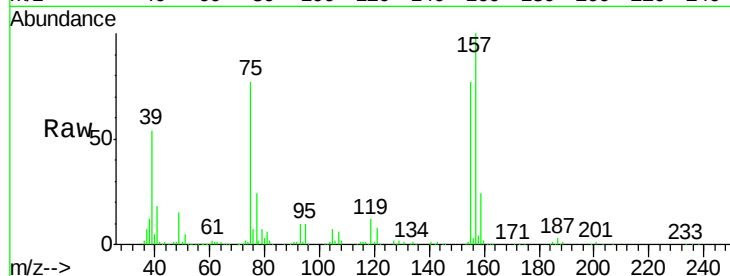
Tot Ion: 75 Resp: 52699

Ion Ratio Lower Upper

75 100

155 94.4 45.8 137.4

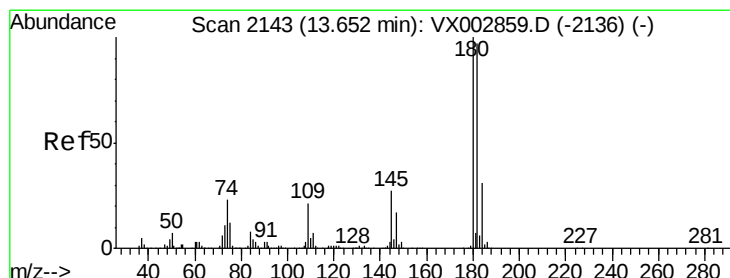
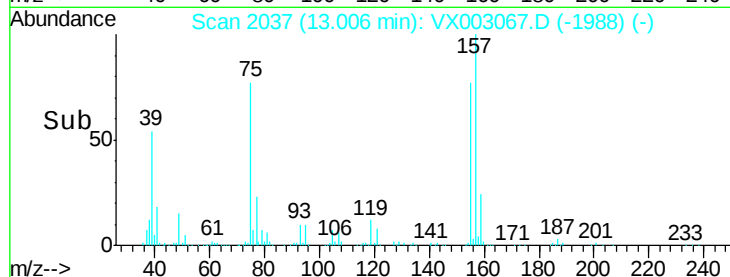
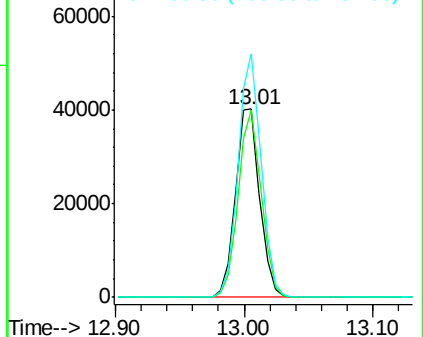
157 121.8 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX003067.D (-1988) (-)

Ion 154.80 (154.50 to 155.50): VX003067.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX003067.D (-1988) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.85 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

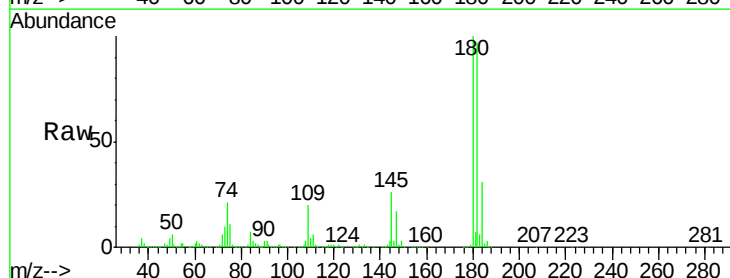
Tgt Ion: 180 Resp: 281425

Ion Ratio Lower Upper

180 100

182 96.3 47.7 143.1

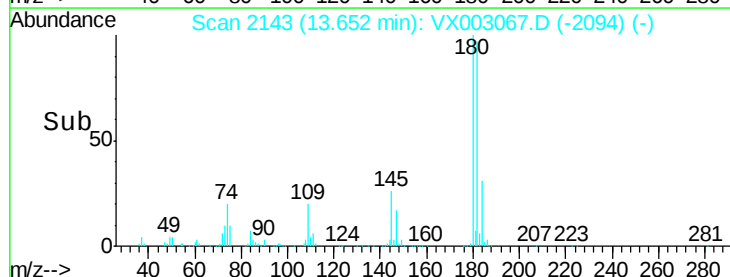
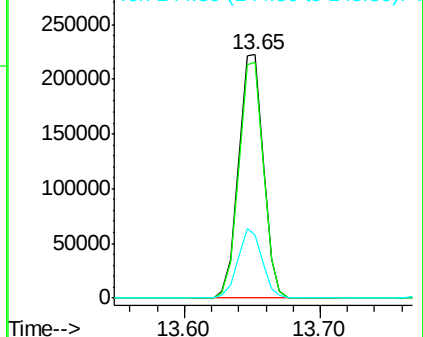
145 27.9 14.1 42.4

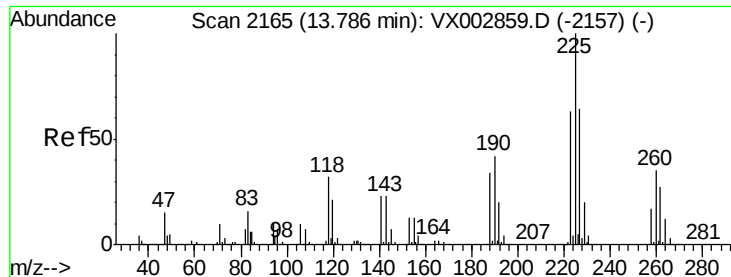


Abundance Ion 179.80 (179.50 to 180.50): VX003067.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX003067.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX003067.D (-2094) (-)





#94

Hexachlorobutadiene

Concen: 45.02 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

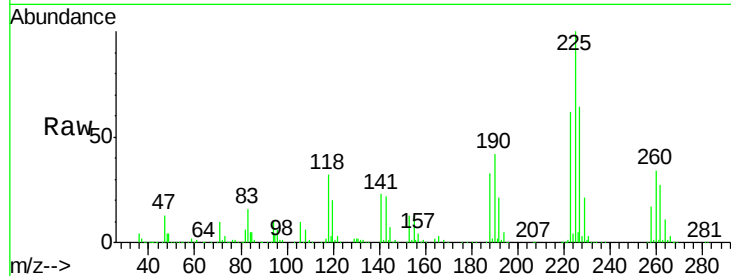
Tot Ion:225 Resp: 132064

Ion Ratio Lower Upper

225 100

223 63.0 31.6 95.0

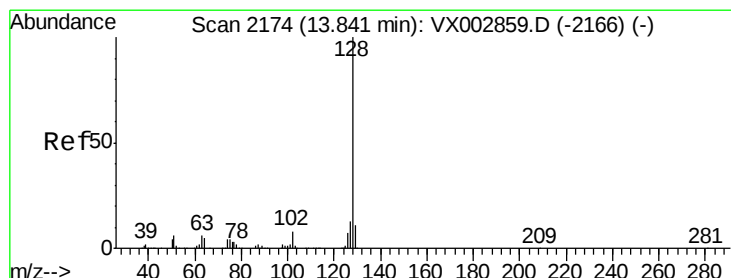
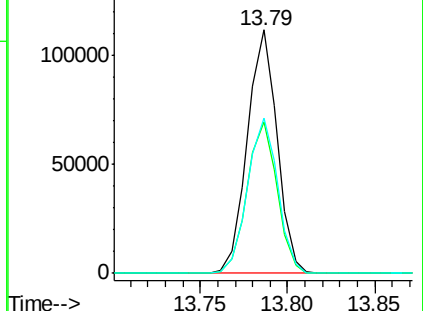
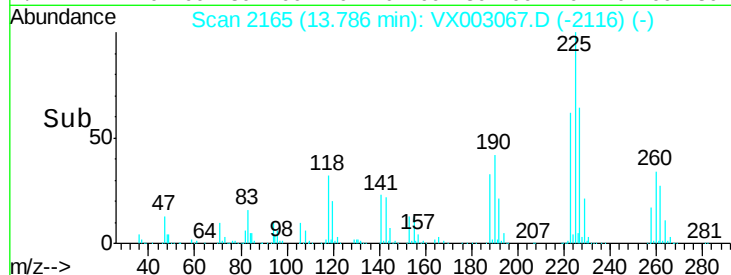
227 65.0 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.52 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

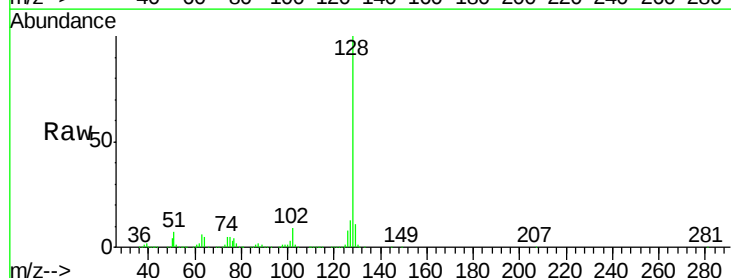
Tgt Ion:128 Resp: 822744

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

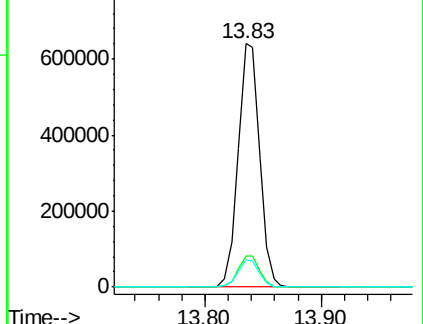
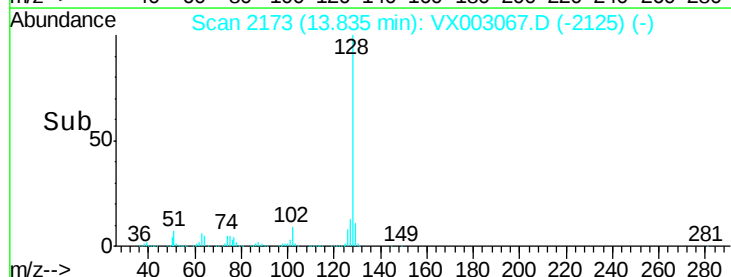
129 11.0 8.6 13.0

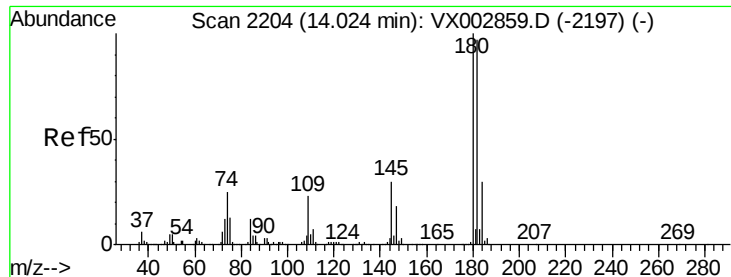


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 49.17 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003067.D

Acq: 30 Jun 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

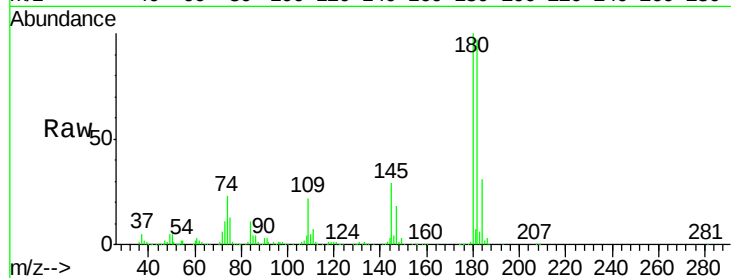
Tot Ion:180 Resp: 288836

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 30.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

