

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002852.D
 Acq On : 23 Jun 2018 00:51
 Operator : JC/MD
 Sample : J3631-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

Quant Time: Jun 23 01:36:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215050	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	150147	39.61	ug/l	0.00
Spiked Amount			Recovery	=	79.22%	
35) Dibromofluoromethane	5.51	113	122872	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	
50) Toluene-d8	8.72	98	428364	40.97	ug/l	0.00
Spiked Amount			Recovery	=	81.94%	
62) 4-Bromofluorobenzene	11.14	95	172333	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	118396	44.71	ug/l	99
3) Chloromethane	1.32	50	128085	40.67	ug/l	98
4) Vinyl Chloride	1.40	62	142564	43.62	ug/l	91
5) Bromomethane	1.64	94	83978	42.58	ug/l	100
6) Chloroethane	1.72	64	96212	44.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	249405	46.97	ug/l	100
8) Diethyl Ether	2.19	74	90089	44.60	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138273	46.58	ug/l	99
10) Methyl Iodide	2.51	142	127529	33.72	ug/l	99
11) Tert butyl alcohol	3.08	59	160457	204.79	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125323	44.97	ug/l	98
13) Acrolein	2.29	56	68603	188.50	ug/l	99
14) Allyl chloride	2.73	41	243341	43.98	ug/l	98
15) Acrylonitrile	3.15	53	383887	224.52	ug/l	100
16) Acetone	2.45	43	365174	218.38	ug/l	100
17) Carbon Disulfide	2.57	76	338431	51.20	ug/l	99
18) Methyl Acetate	2.78	43	202334	45.42	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	467785	44.74	ug/l	99
20) Methylene Chloride	2.86	84	143855	41.96	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136107	45.02	ug/l	97
22) Diisopropyl ether	3.87	45	480200	47.97	ug/l	94
23) Vinyl Acetate	3.83	43	1872549	223.48	ug/l	99
24) 1,1-Dichloroethane	3.70	63	256879	47.28	ug/l	99
25) 2-Butanone	4.71	43	531717	242.12	ug/l	99
26) 2,2-Dichloropropane	4.59	77	160414	41.09	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	155557	50.57	ug/l	95
28) Bromochloromethane	5.03	49	110874	43.57	ug/l	97
29) Tetrahydrofuran	5.17	42	344909	239.65	ug/l	96
30) Chloroform	5.22	83	270997	51.72	ug/l	98
31) Cyclohexane	5.58	56	247986	55.43	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	240744	54.93	ug/l	99
36) 1,1-Dichloropropene	5.80	75	193432	52.79	ug/l	99
37) Ethyl Acetate	4.87	43	196392	47.36	ug/l	100
38) Carbon Tetrachloride	5.79	117	214497	58.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236102	55.12	ug/l	99
40) Benzene	6.15	78	577619	52.57	ug/l	100
41) Methacrylonitrile	5.07	41	122015	52.11	ug/l	98
42) 1,2-Dichloroethane	6.20	62	228073	53.62	ug/l	98
43) Isopropyl Acetate	6.47	43	337014	49.05	ug/l	99
44) Trichloroethene	7.22	130	168853	53.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	152717	52.82	ug/l	100
46) Dibromomethane	7.67	93	105712	54.65	ug/l	98
47) Bromodichloromethane	7.90	83	200740	58.84	ug/l	99
48) Methyl methacrylate	7.78	41	188528	53.69	ug/l	98
49) 1,4-Dioxane	7.76	88	59648	897.04	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1141089	258.65	ug/l	99
52) Toluene	8.79	92	375702	53.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	218908	48.55	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	209099	48.63	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154094	54.41	ug/l	98
56) Ethyl methacrylate	9.18	69	231302	53.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	252063	52.63	ug/l	100
59) 2-Hexanone	9.50	43	865305	260.29	ug/l	98
60) Dibromochloromethane	9.59	129	165806	51.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	164790	56.19	ug/l	100
64) Tetrachloroethene	9.34	164	167688	45.55	ug/l	100
65) Chlorobenzene	10.14	112	464716	57.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163213	58.78	ug/l	99
67) Ethyl Benzene	10.26	91	921439	67.07	ug/l	99
68) m/p-Xylenes	10.36	106	595076	112.29	ug/l	100
69) o-Xylene	10.70	106	285332	54.80	ug/l	100
70) Stvrene	10.71	104	460146	53.74	ug/l	99
71) Bromoform	10.86	173	128987	50.92	ug/l	100
73) Isopropylbenzene	11.02	105	791839	55.05	ug/l	100
74) N-amyl acetate	6.47	43	337014	47.16	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	237019	55.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	252148	62.14	ug/l	79
77) Bromobenzene	11.26	156	211980	52.90	ug/l	98
78) n-propylbenzene	11.37	91	894097	54.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	517604	52.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	647830	53.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49804	40.17	ug/l	96
82) 4-Chlorotoluene	11.51	91	611755	52.64	ug/l	99
83) tert-Butylbenzene	11.77	119	665850	56.86	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	877067	70.71	ug/l	99
85) sec-Butylbenzene	11.95	105	774216	53.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	709125	53.83	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	388135	52.82	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	393174	52.59	ug/l	99
89) n-Butylbenzene	12.39	91	613045	52.75	ug/l	99
90) Hexachloroethane	12.60	117	107249	52.11	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	390105	52.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54925	61.74	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	292373	54.47	ug/l	99

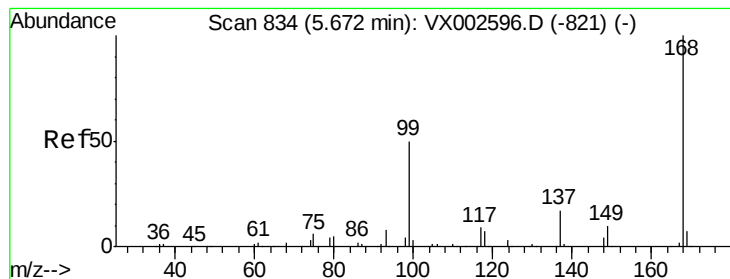
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	138418	48.95	ug/l	99
95) Naphthalene	13.84	128	882583	61.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298397	55.35	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

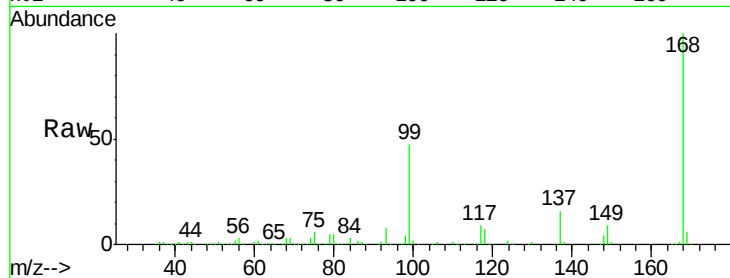
S83-0020MS

Tot Ion:168 Resp: 249418

Ion Ratio Lower Upper

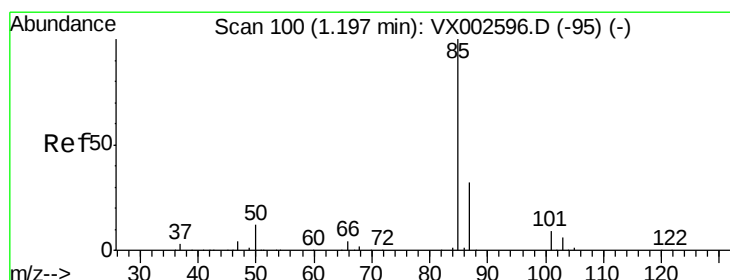
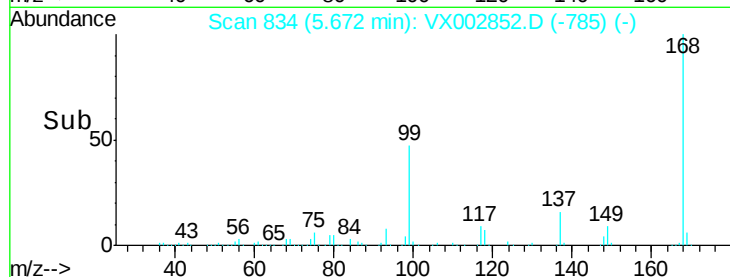
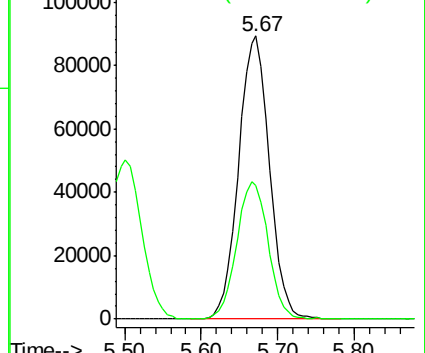
168 100

99 47.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002852.D

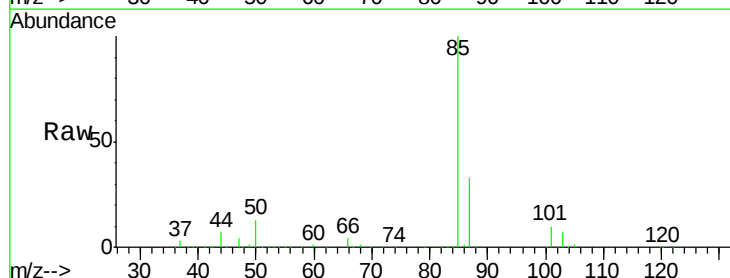
Acq: 23 Jun 2018 00:51

Tgt Ion: 85 Resp: 118396

Ion Ratio Lower Upper

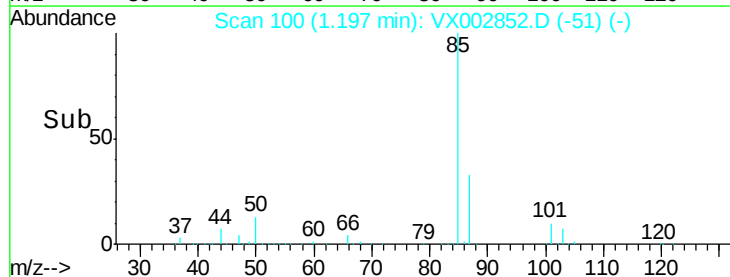
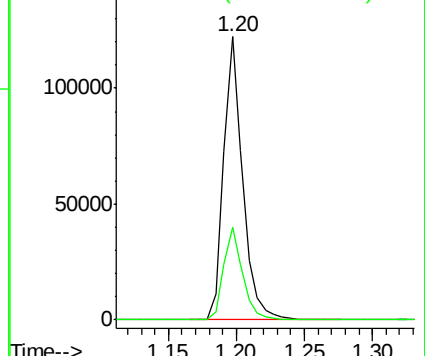
85 100

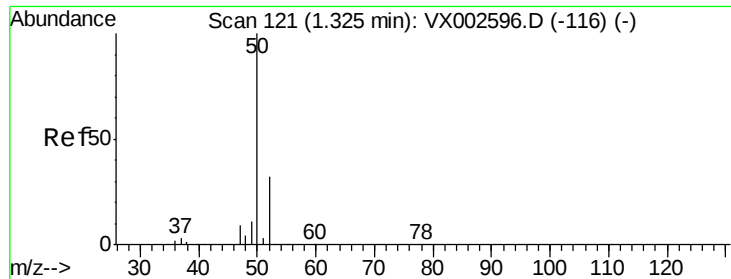
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

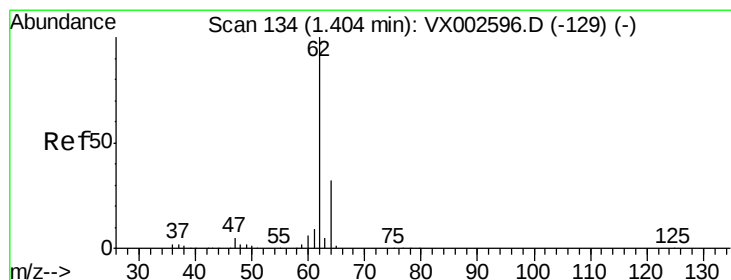
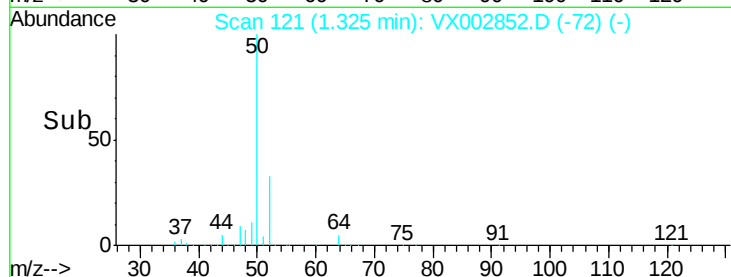
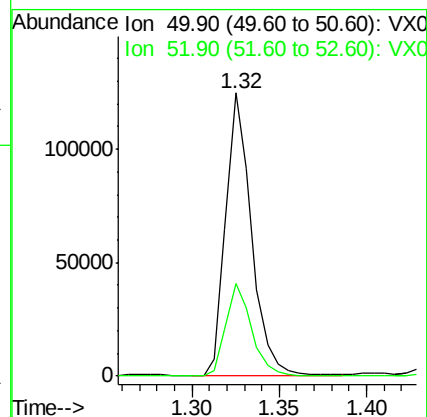
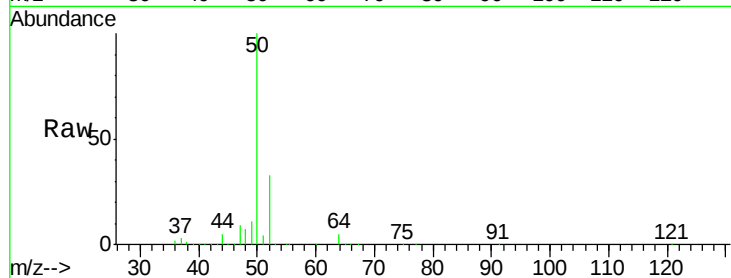
S83-0020MS

Tot Ion: 50 Resp: 128085

Ion Ratio Lower Upper

50 100

52 33.0 25.7 38.5



#4

Vinyl Chloride

Concen: 43.62 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002852.D

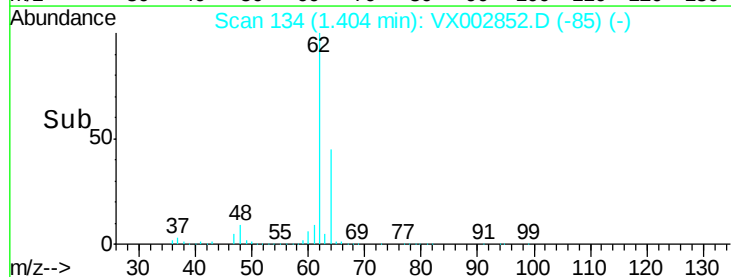
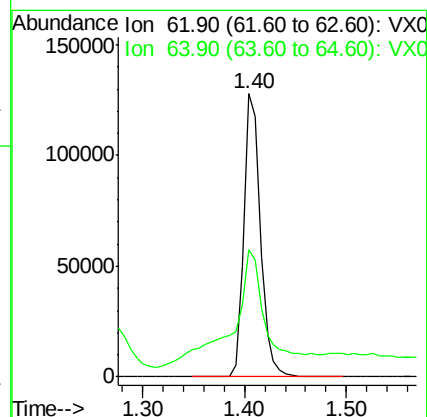
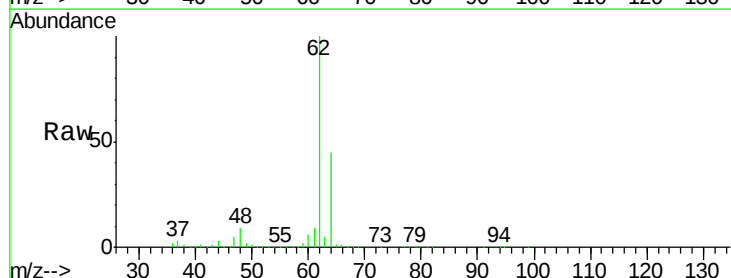
Acq: 23 Jun 2018 00:51

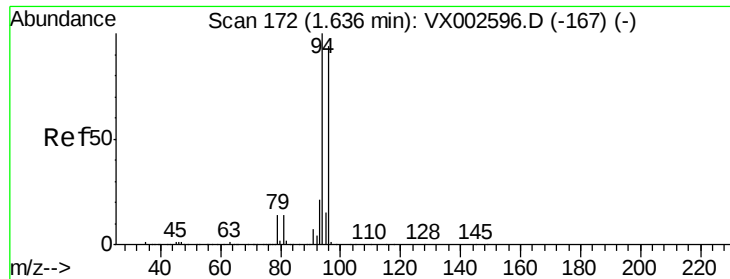
Tgt Ion: 62 Resp: 142564

Ion Ratio Lower Upper

62 100

64 36.8 25.4 38.2





#5

Bromomethane

Concen: 42.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

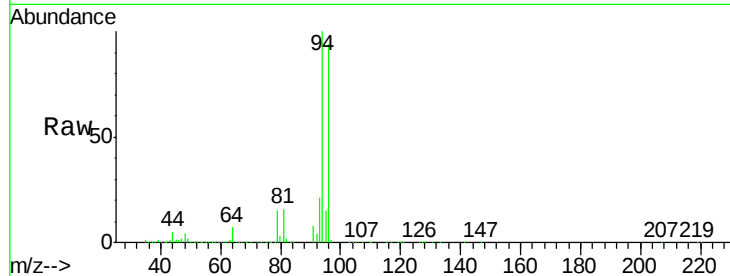
S83-0020MS

Tot Ion: 94 Resp: 83978

Ion Ratio Lower Upper

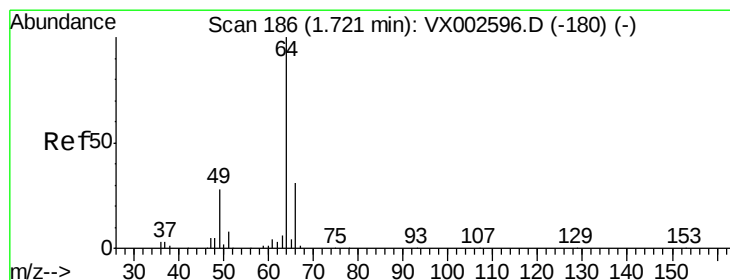
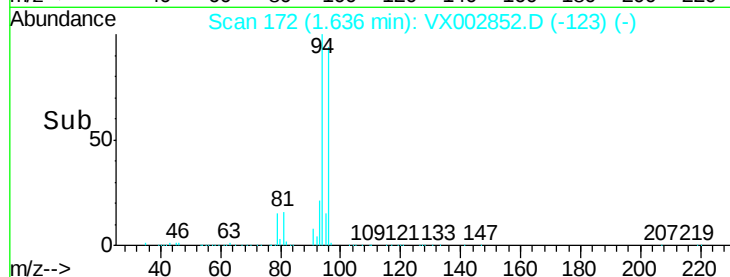
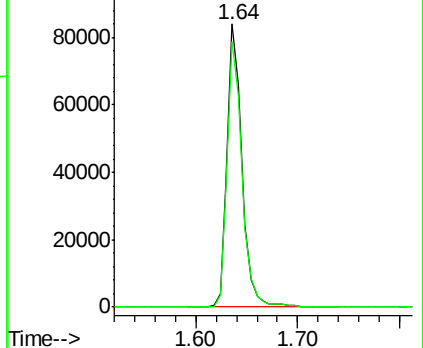
94 100

96 93.7 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: 44.66 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002852.D

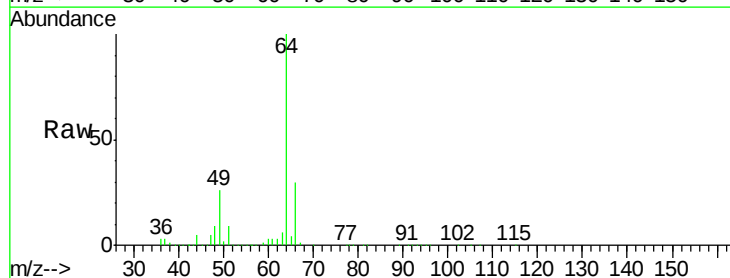
Acq: 23 Jun 2018 00:51

Tgt Ion: 64 Resp: 96212

Ion Ratio Lower Upper

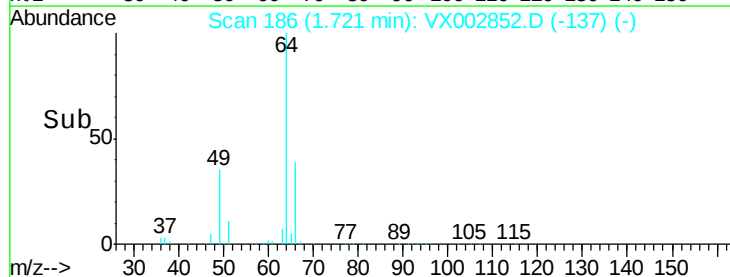
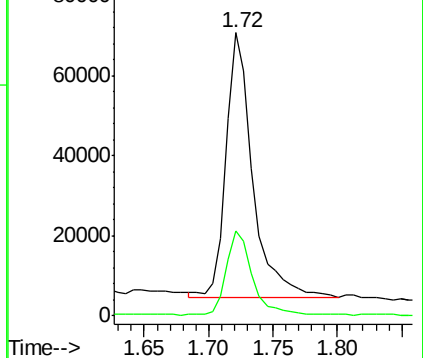
64 100

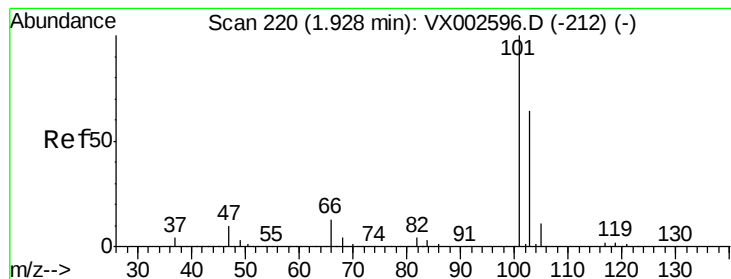
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



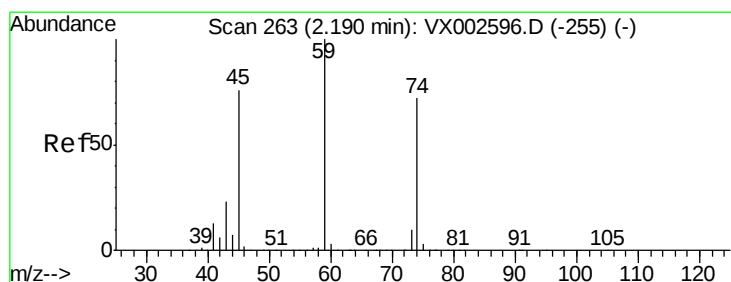
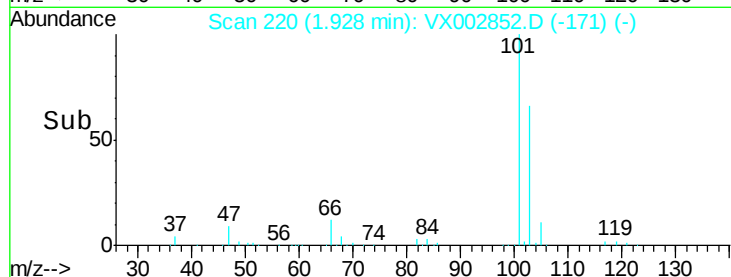
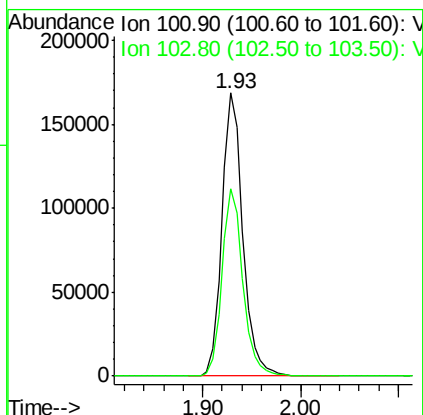
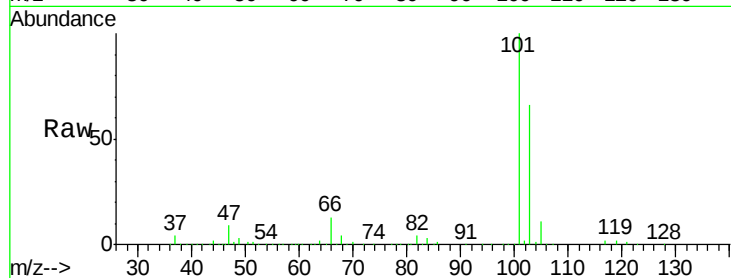


#7

Trichlorofluoromethane
 Concen: 46.97 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Instrument :
 MSVOA_X
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 S83-0020MS

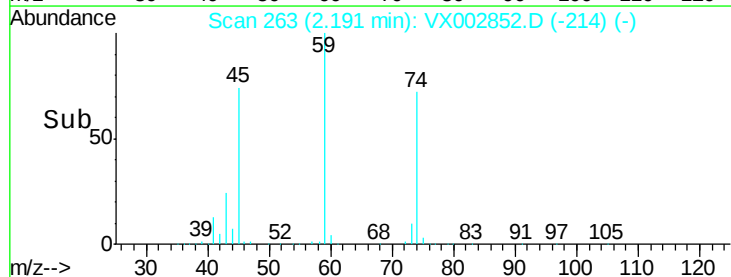
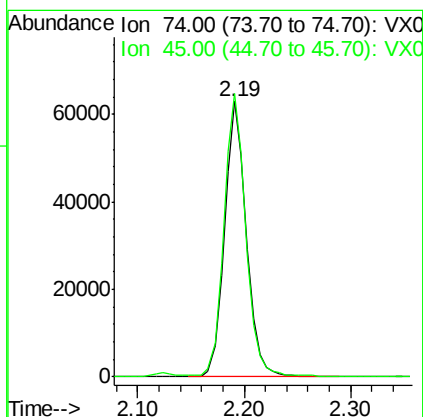
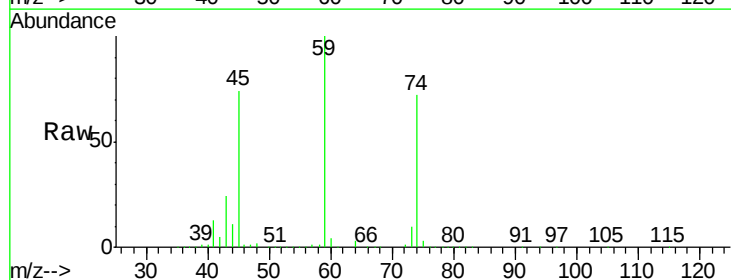
Tot Ion:101 Resp: 249405
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.8 79.2

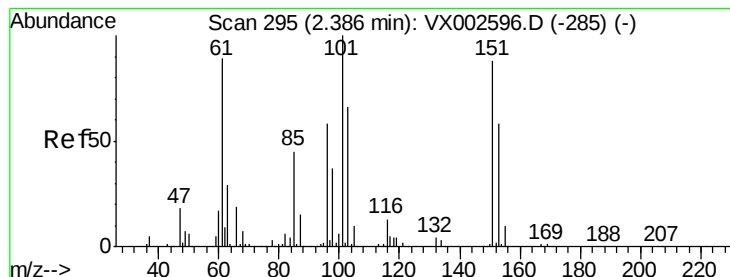


#8

Diethyl Ether
 Concen: 44.60 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Tgt Ion: 74 Resp: 90089
 Ion Ratio Lower Upper
 74 100
 45 101.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.58 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

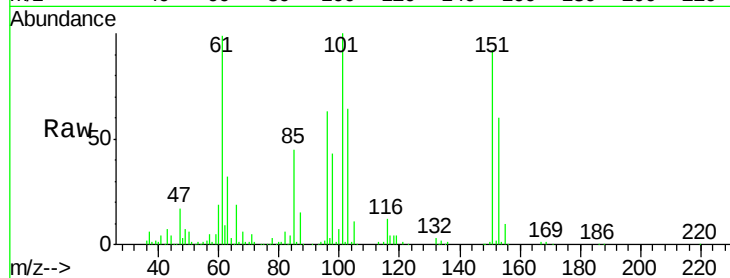
Tot Ion:101 Resp: 138273

Ion Ratio Lower Upper

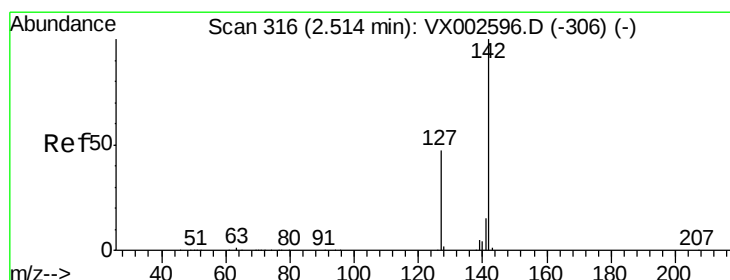
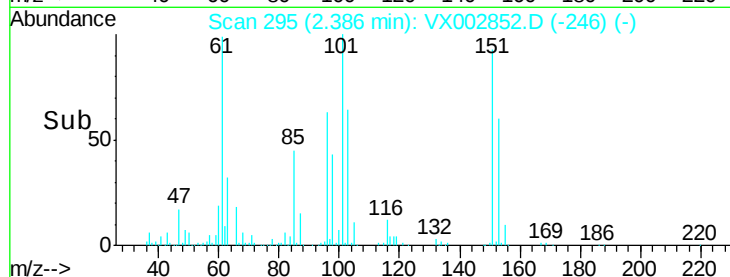
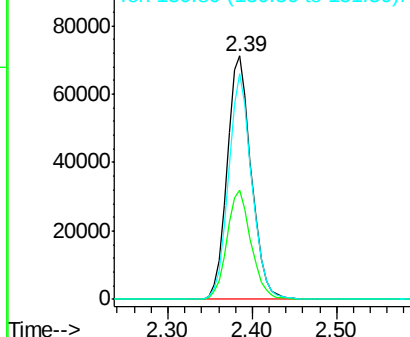
101 100

85 45.0 36.0 54.0

151 89.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.72 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

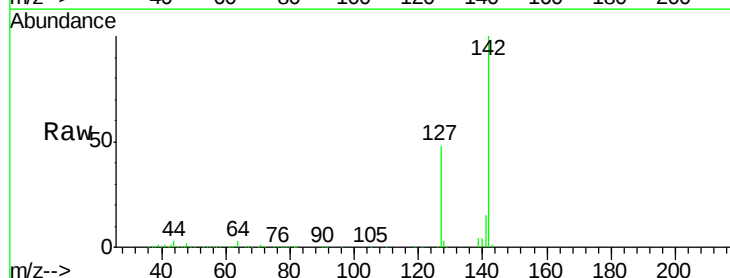
Tgt Ion:142 Resp: 127529

Ion Ratio Lower Upper

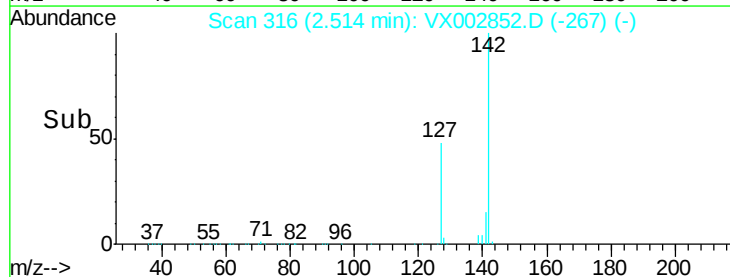
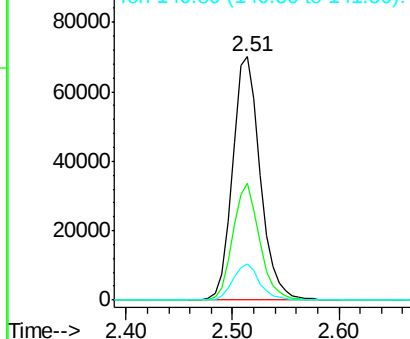
142 100

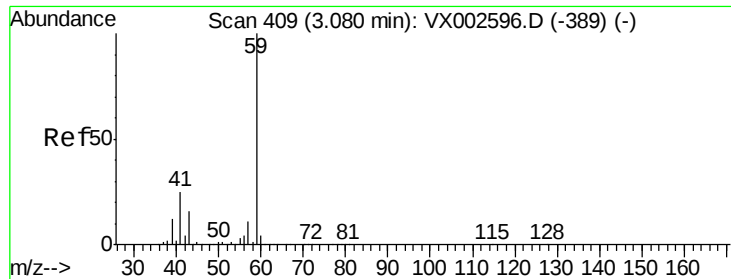
127 46.4 36.6 55.0

141 14.3 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

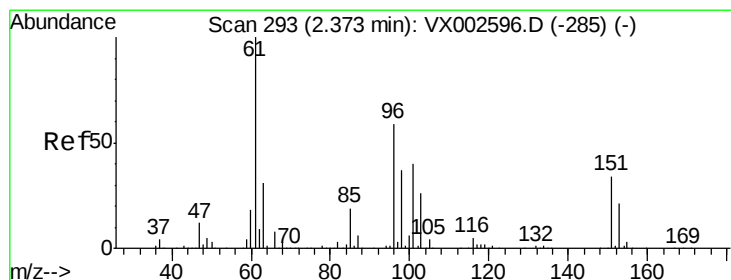
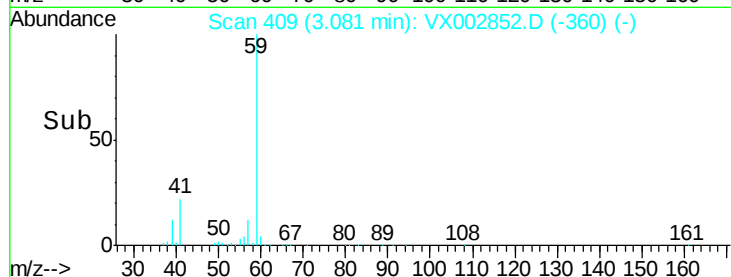
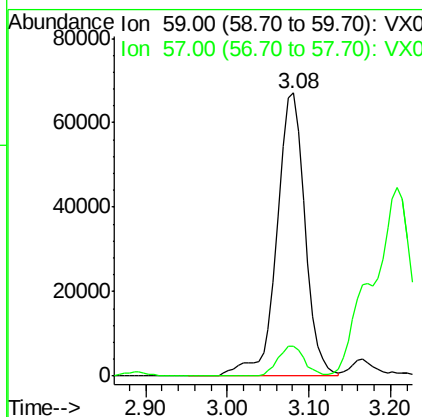
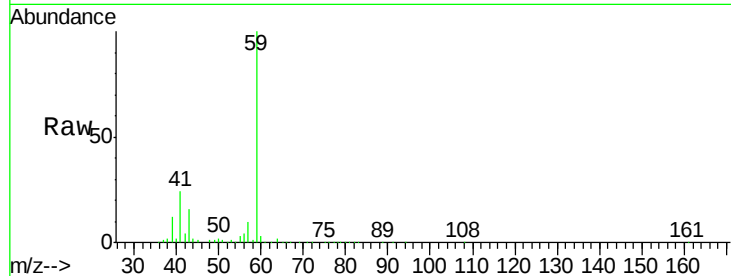




#11
Tert butyl alcohol
Concen: 204.79 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

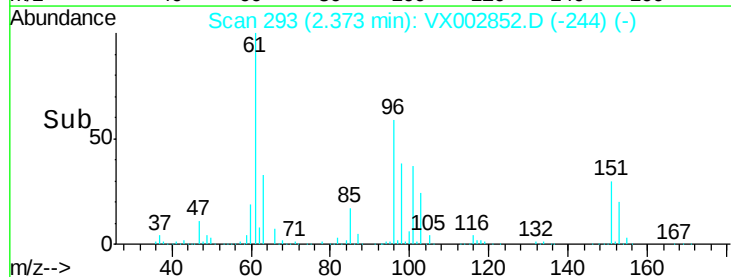
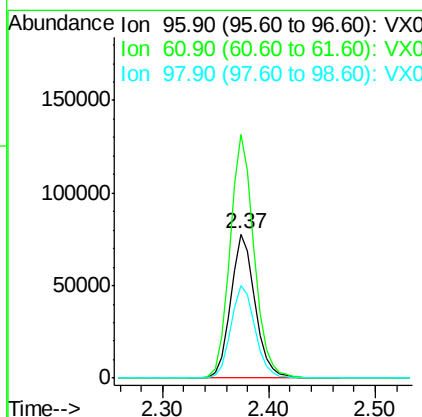
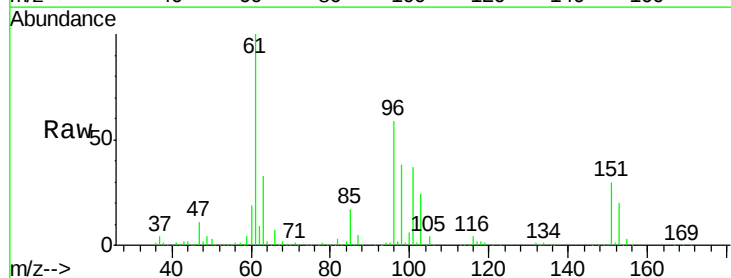
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MS

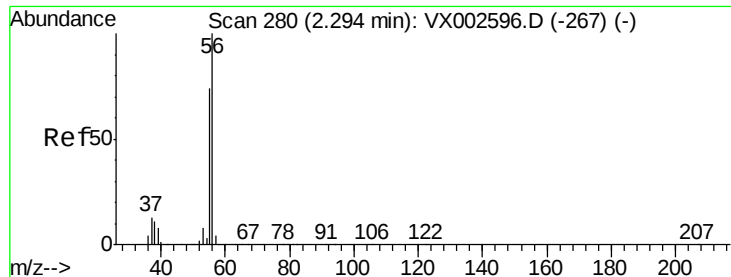
Tot Ion: 59 Resp: 160457
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.97 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion: 96 Resp: 125323
Ion Ratio Lower Upper
96 100
61 168.7 137.9 206.9
98 63.7 51.6 77.4





#13

Acrolein

Concen: 188.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

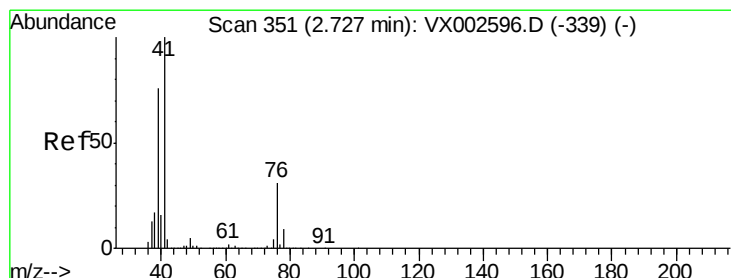
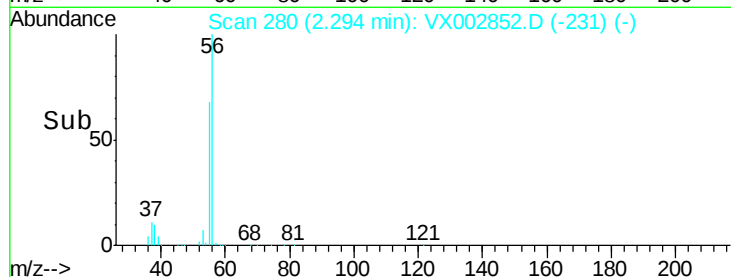
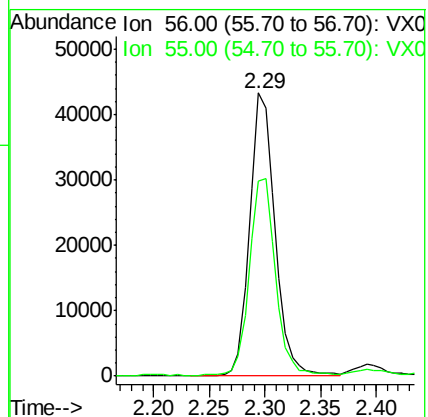
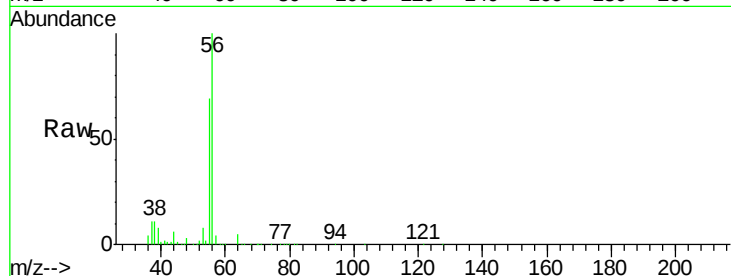
S83-0020MS

Tot Ion: 56 Resp: 68603

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 43.98 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

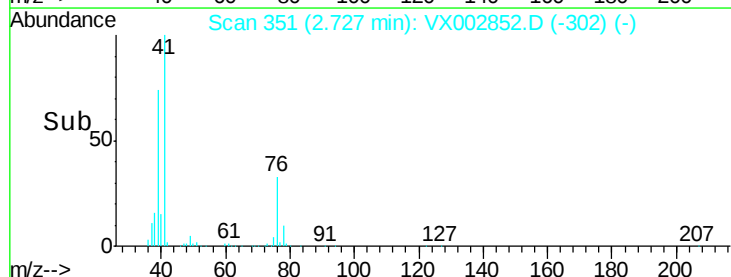
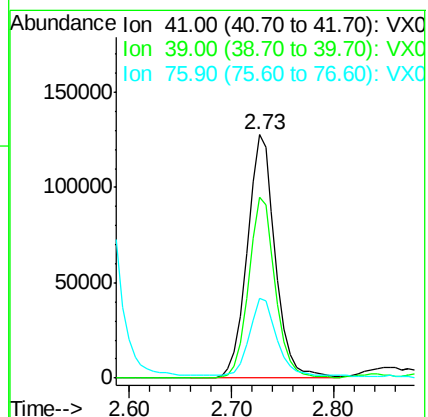
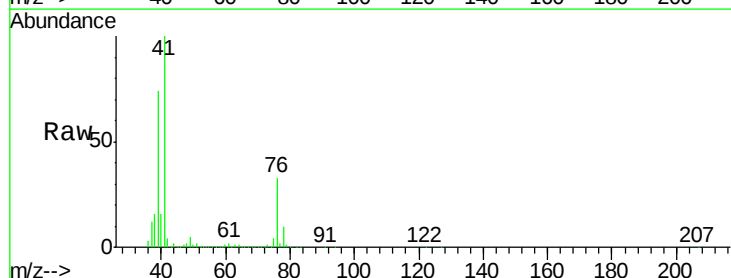
Tgt Ion: 41 Resp: 243341

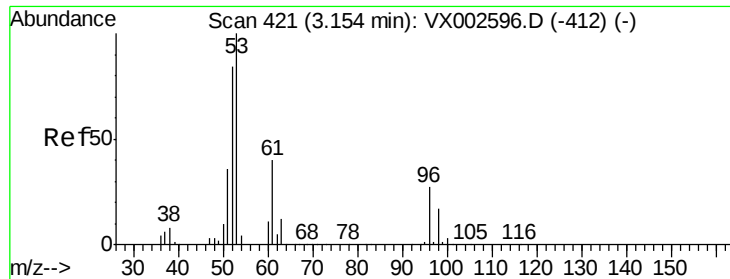
Ion Ratio Lower Upper

41 100

39 70.7 56.8 85.2

76 33.1 23.8 35.8





#15

Acrylonitrile

Concen: 224.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

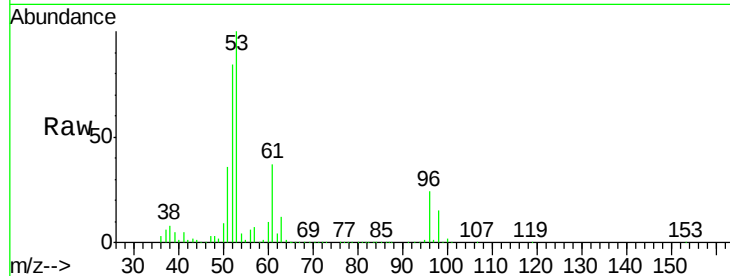
MSVOA_X

ClientSampleId :

S83-0020MS

Tot Ion: 53 Resp: 383887

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	37.0	29.9	44.9

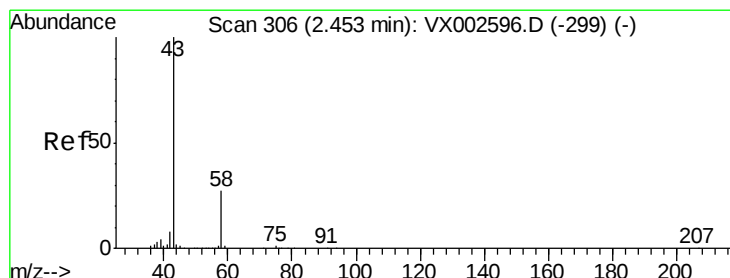
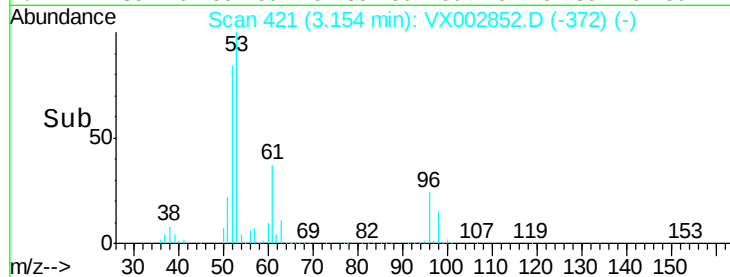
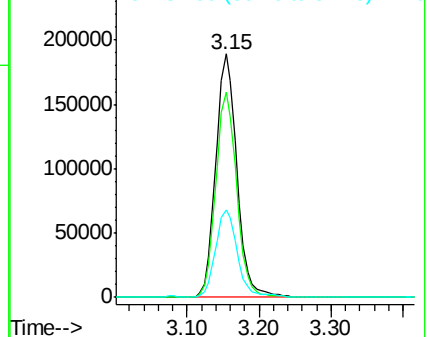


Abundance

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: 218.38 ug/l

RT: 2.45 min Scan# 305

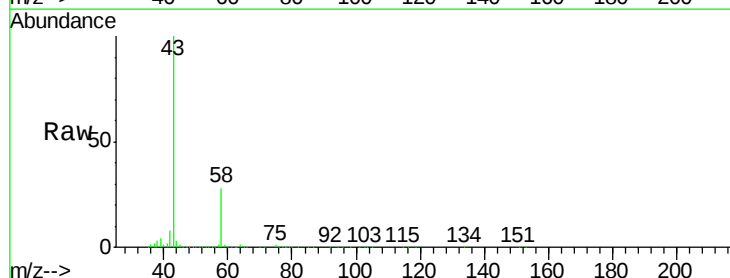
Delta R.T. -0.01 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Tgt Ion: 43 Resp: 365174

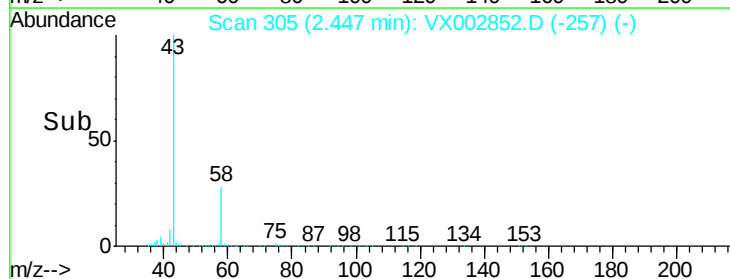
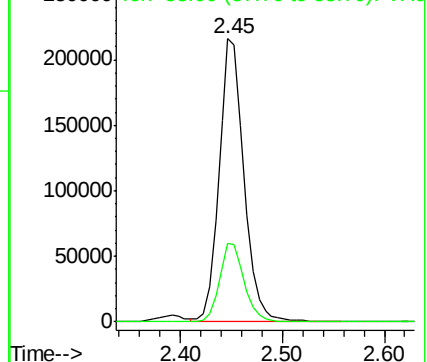
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1

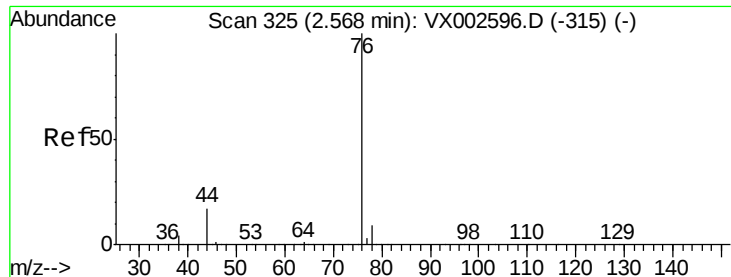


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

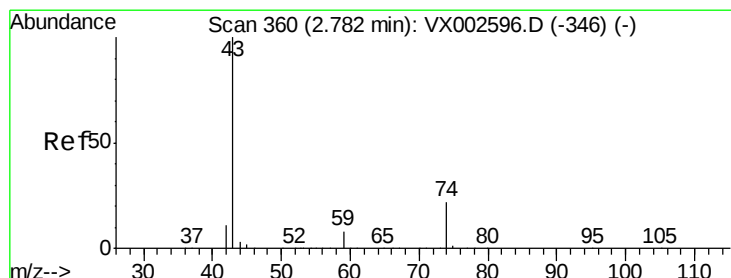
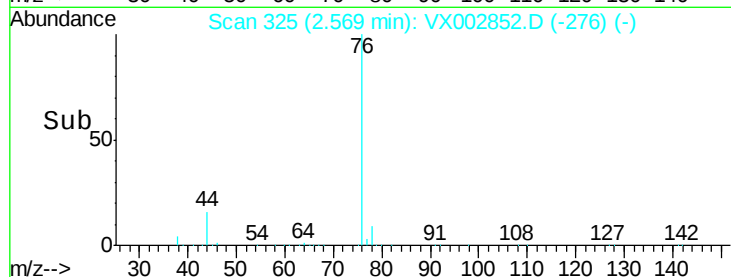
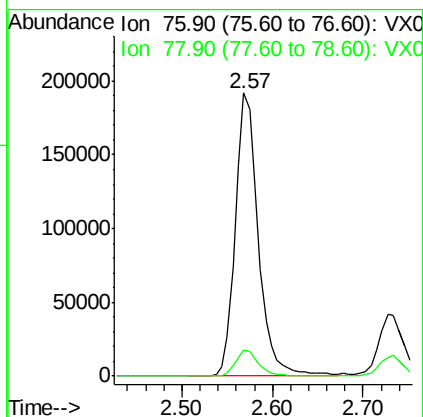
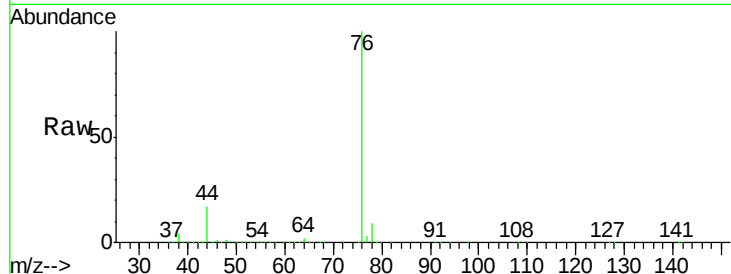




#17
Carbon Disulfide
Concen: 51.20 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

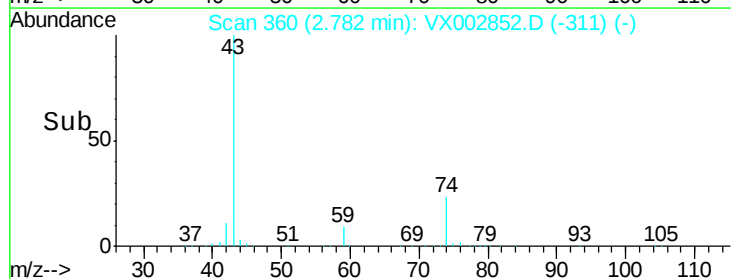
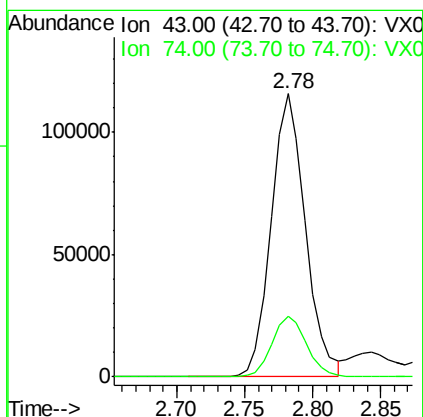
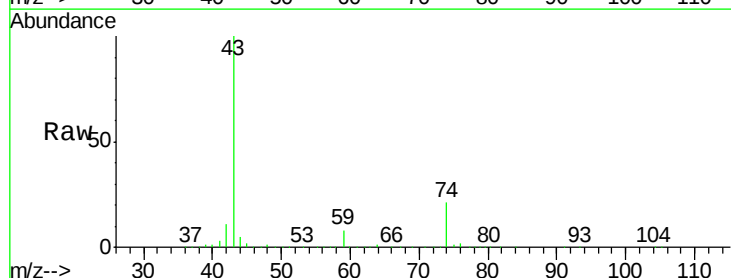
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MS

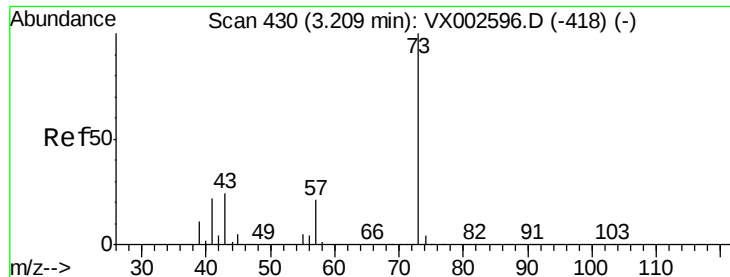
Tot Ion: 76 Resp: 338431
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 45.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion: 43 Resp: 202334
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1

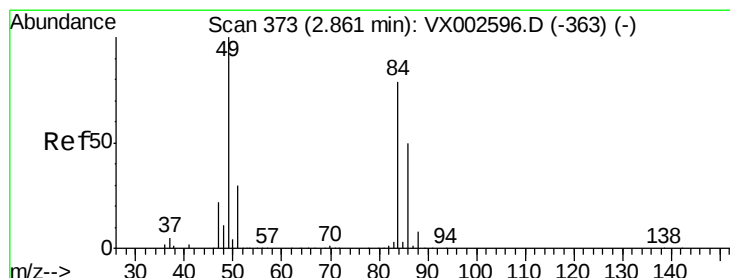
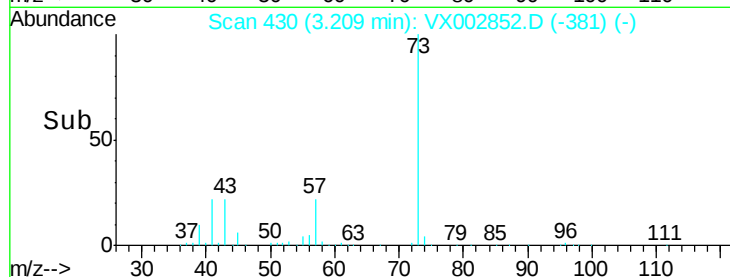
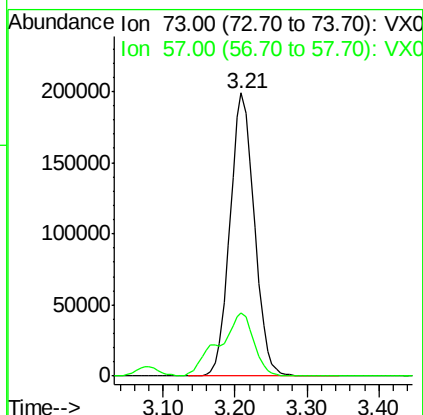
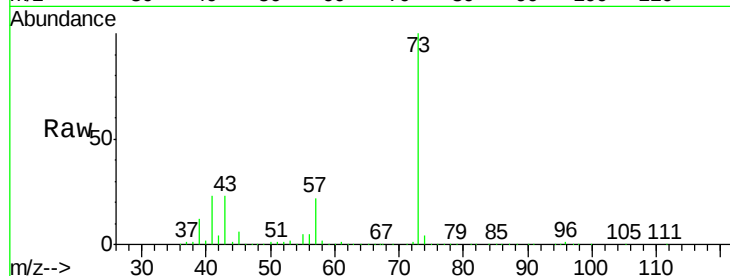




#19
Methyl tert-butyl Ether
Concen: 44.74 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

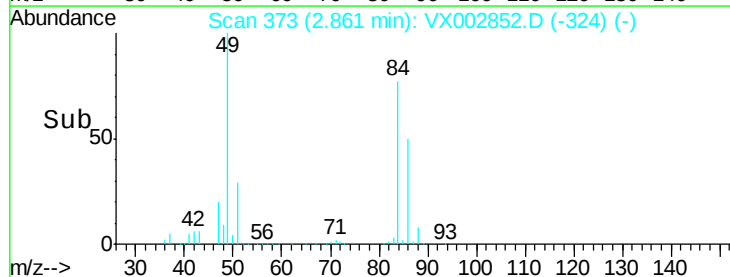
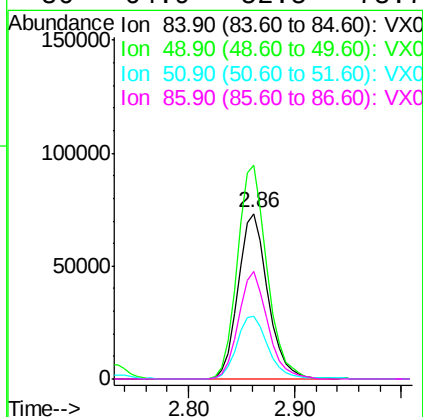
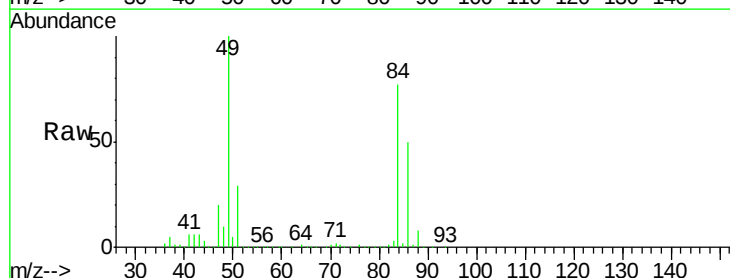
Instrument :
MSVOA_X
ClientSampled :
S83-0020MS

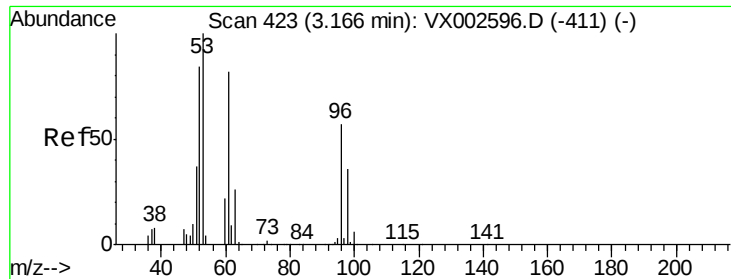
Tot Ion: 73 Resp: 467785
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 41.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion: 84 Resp: 143855
Ion Ratio Lower Upper
84 100
49 129.3 107.8 161.6
51 37.8 32.8 49.2
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

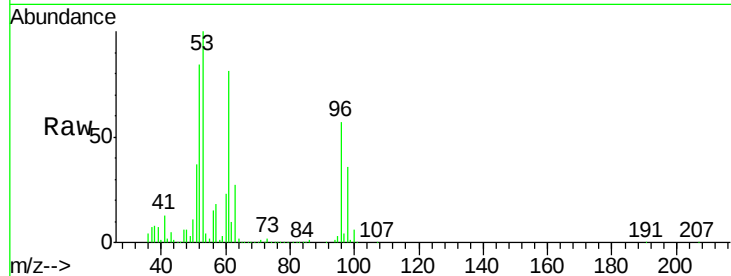
Tot Ion: 96 Resp: 136107

Ion Ratio Lower Upper

96 100

61 142.2 117.0 175.4

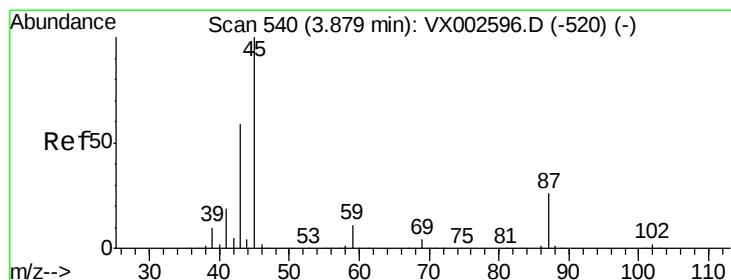
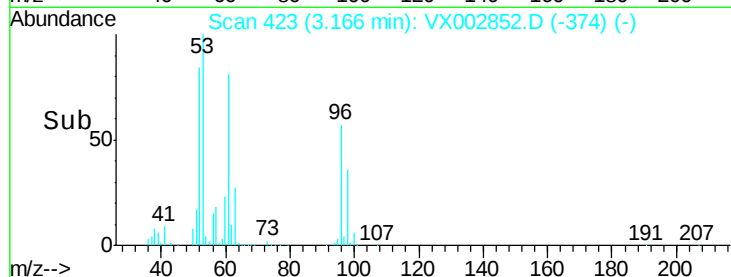
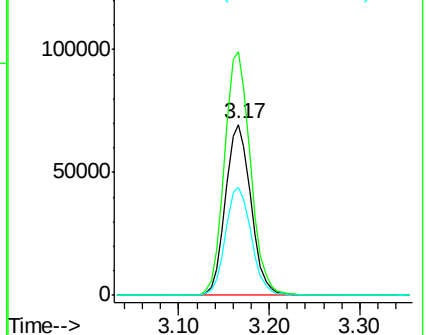
98 63.1 52.4 78.6



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: 47.97 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Tgt Ion: 45 Resp: 480200

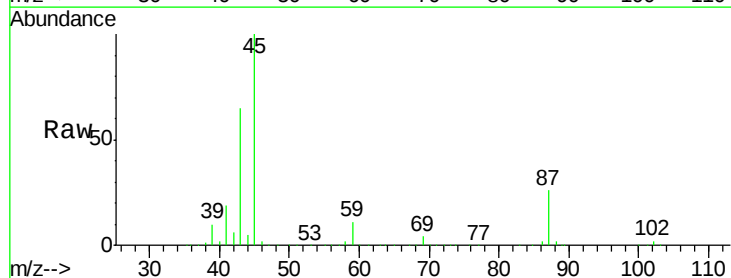
Ion Ratio Lower Upper

45 100

43 64.7 46.8 70.2

87 26.3 20.2 30.4

59 11.0 8.7 13.1

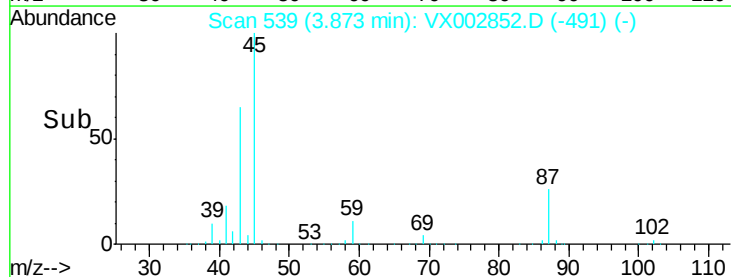
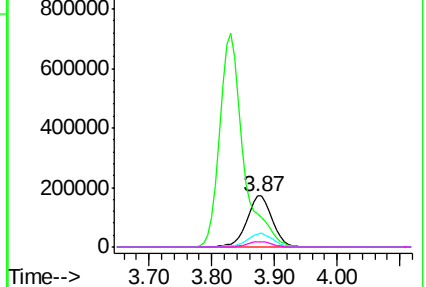


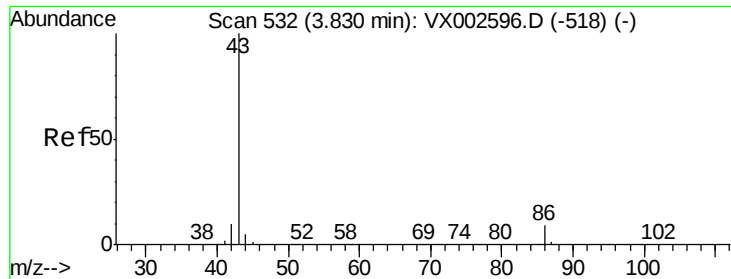
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 223.48 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

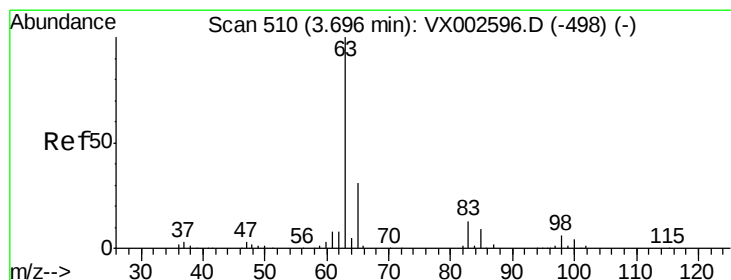
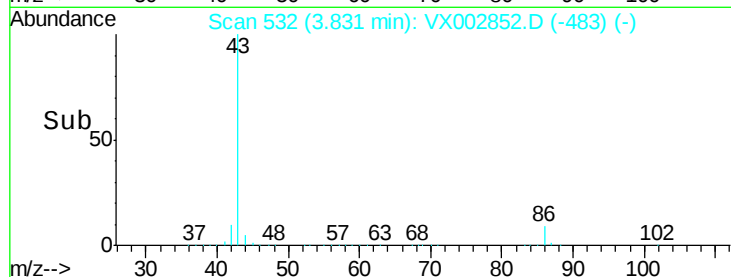
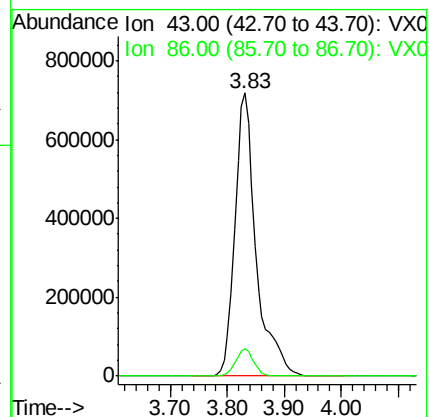
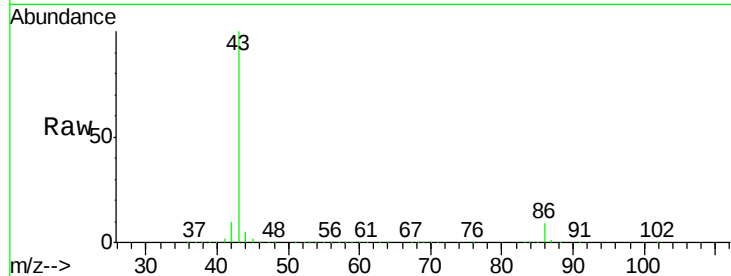
S83-0020MS

Tot Ion: 43 Resp: 1872549

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 47.28 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

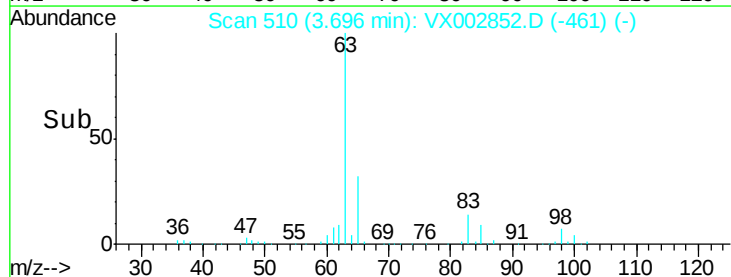
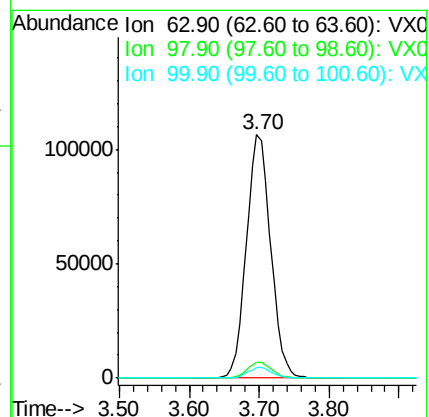
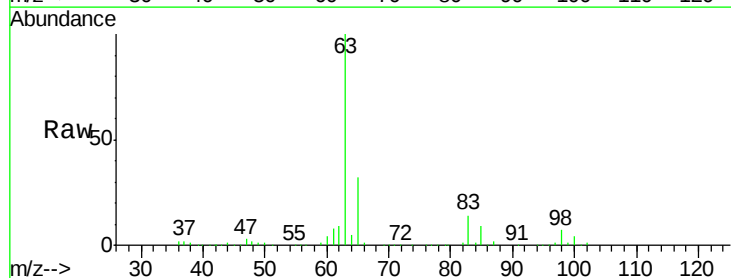
Tgt Ion: 63 Resp: 256879

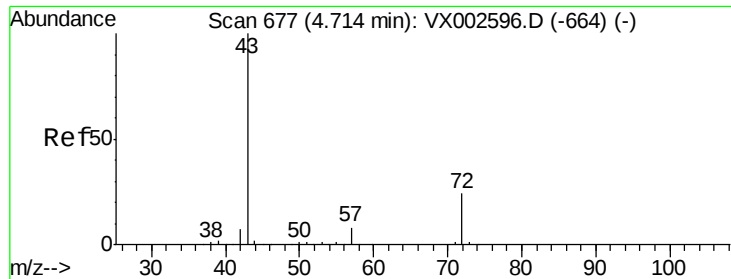
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 242.12 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

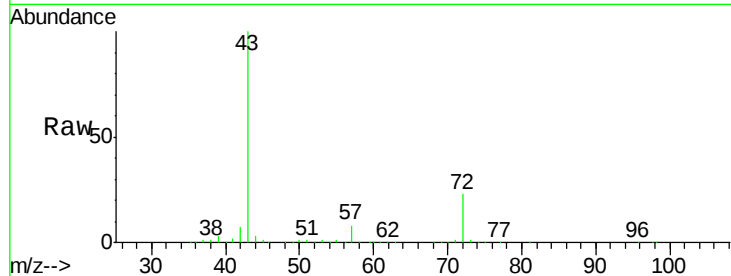
S83-0020MS

Tot Ion: 43 Resp: 531717

Ion Ratio Lower Upper

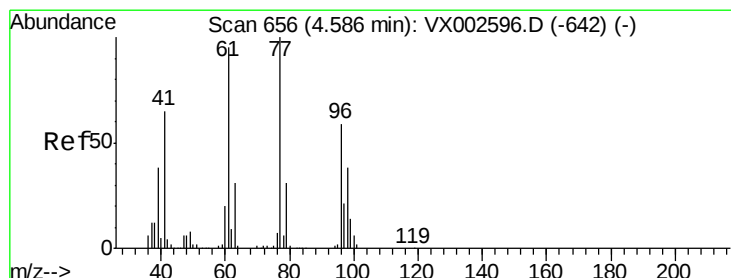
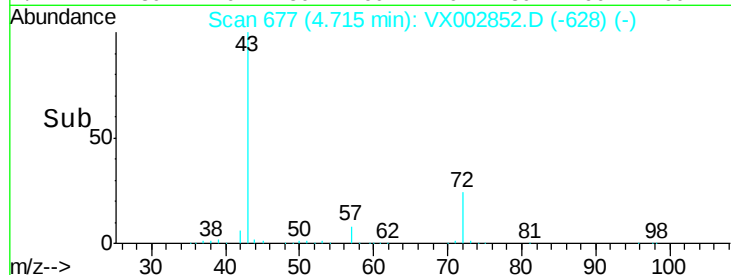
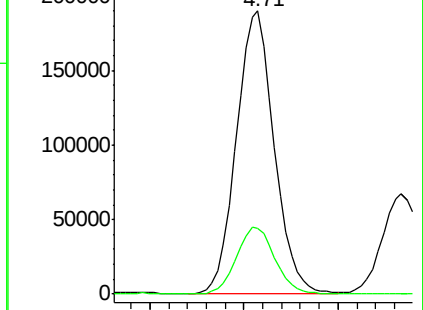
43 100

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: 41.09 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002852.D

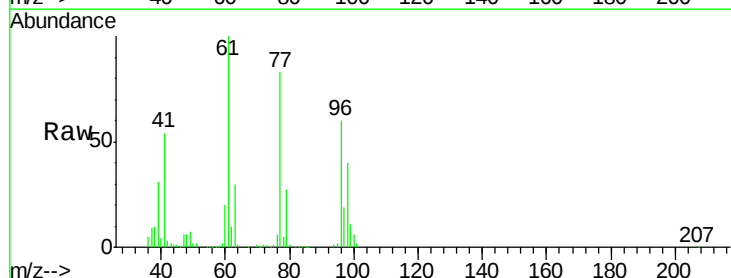
Acq: 23 Jun 2018 00:51

Tgt Ion: 77 Resp: 160414

Ion Ratio Lower Upper

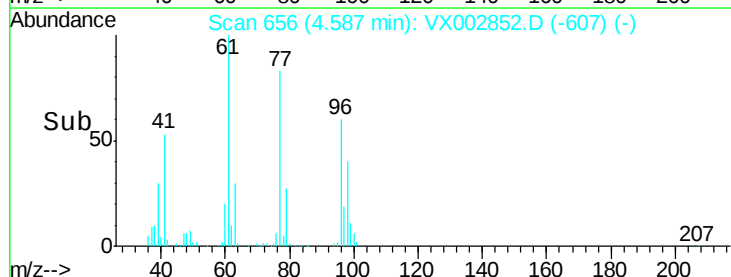
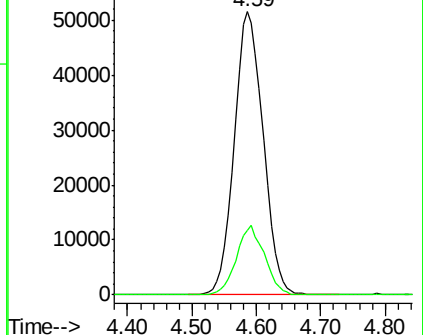
77 100

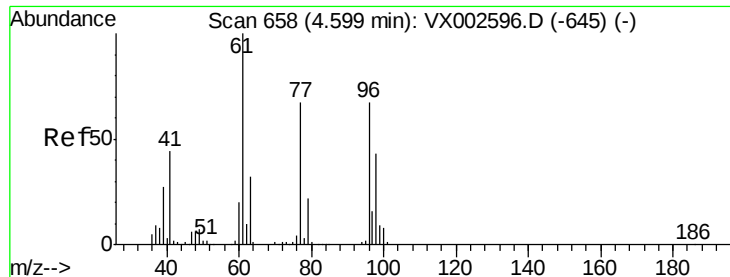
97 23.7 11.2 33.5



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: 50.57 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

S83-0020MS

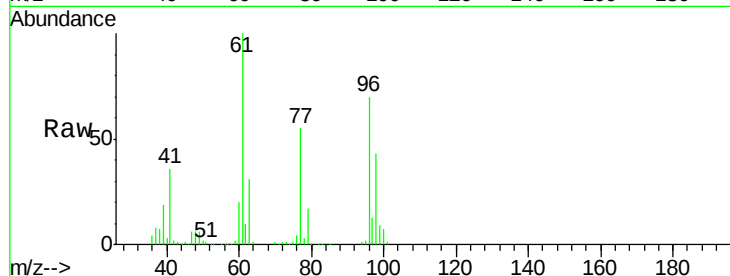
Tot Ion: 96 Resp: 155557

Ion Ratio Lower Upper

96 100

61 156.7 0.0 330.2

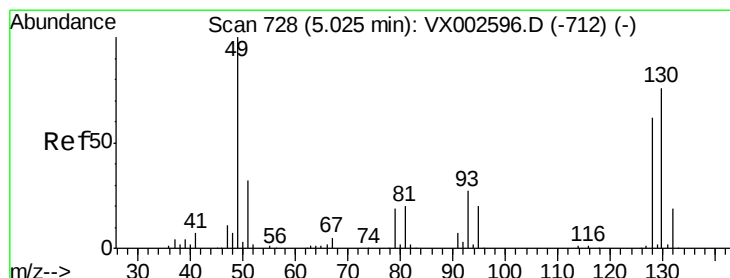
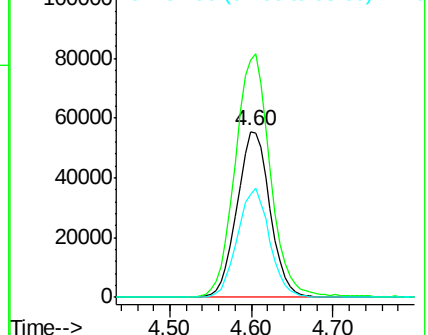
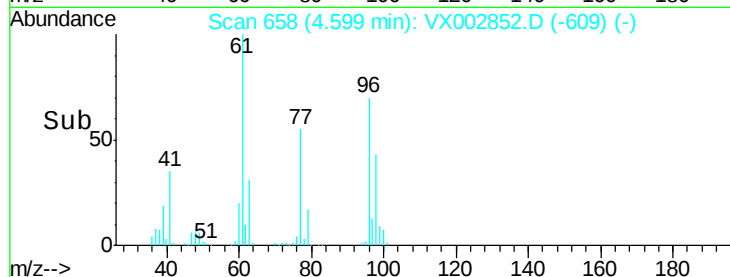
98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 43.57 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

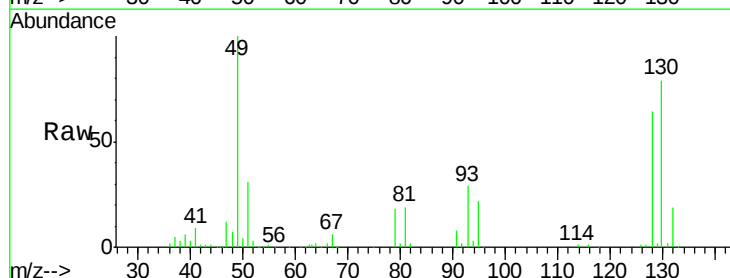
Tgt Ion: 49 Resp: 110874

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

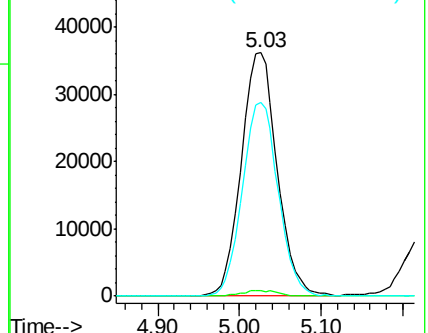
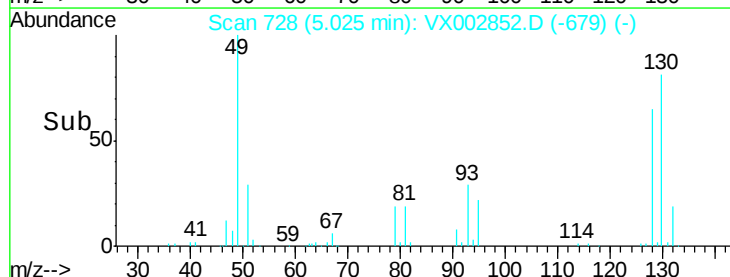
130 79.6 61.2 91.8

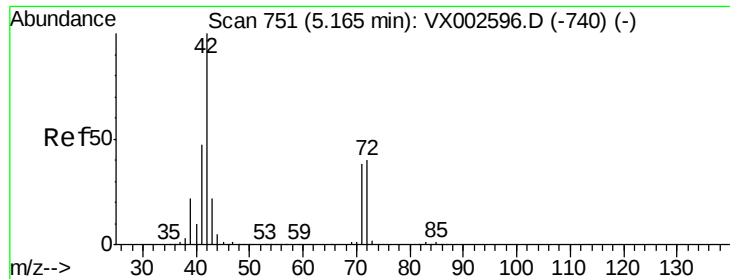


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 239.65 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

S83-0020MS

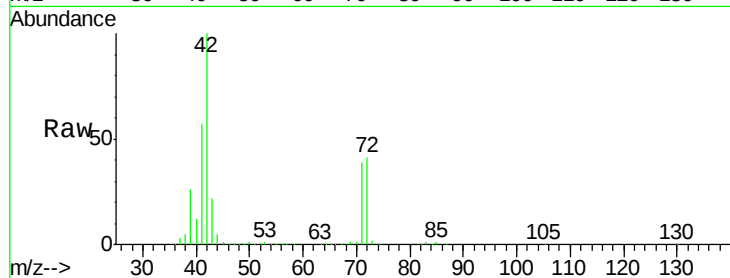
Tot Ion: 42 Resp: 344909

Ion Ratio Lower Upper

42 100

72 41.9 32.0 48.0

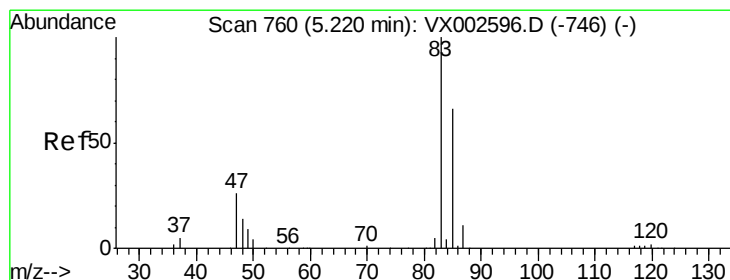
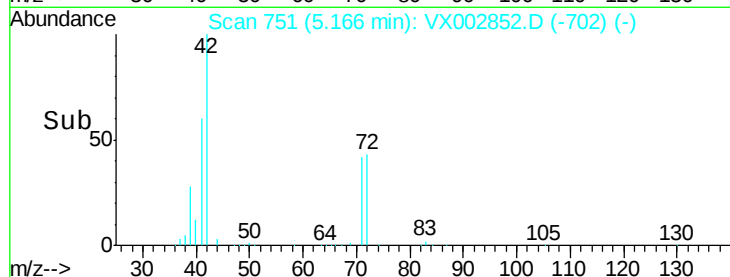
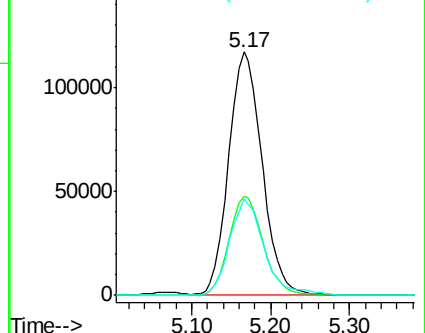
71 41.2 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.72 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002852.D

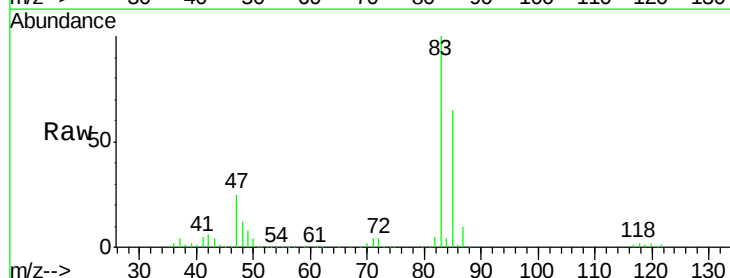
Acq: 23 Jun 2018 00:51

Tgt Ion: 83 Resp: 270997

Ion Ratio Lower Upper

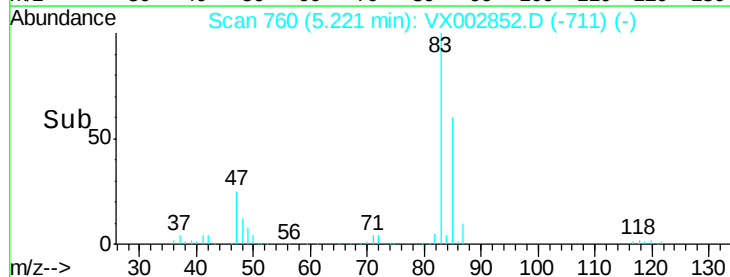
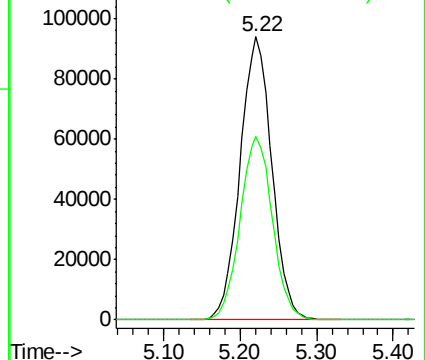
83 100

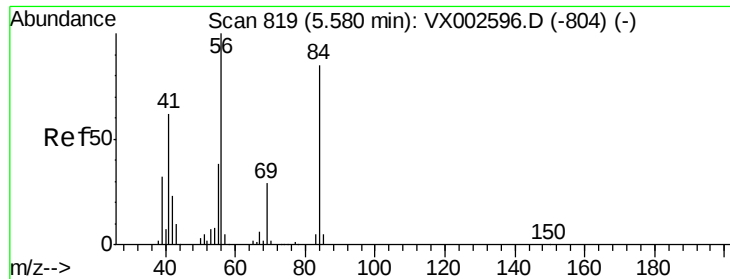
85 64.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

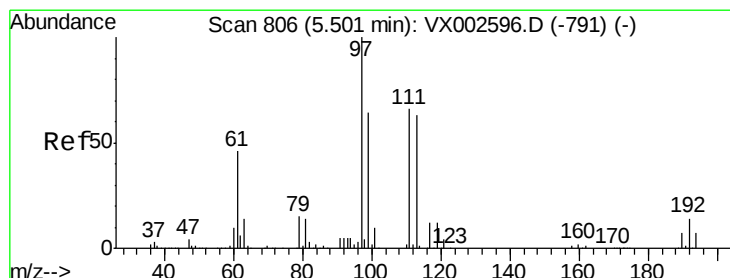
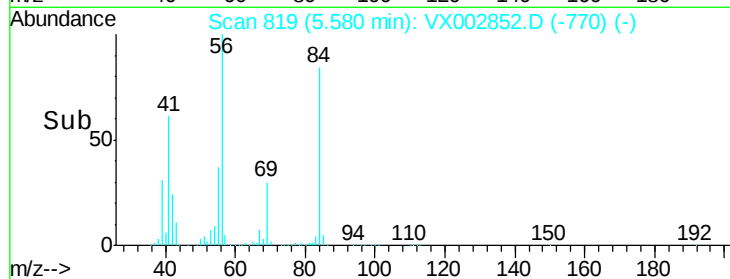
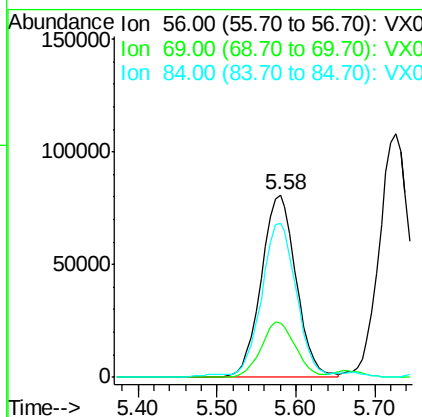
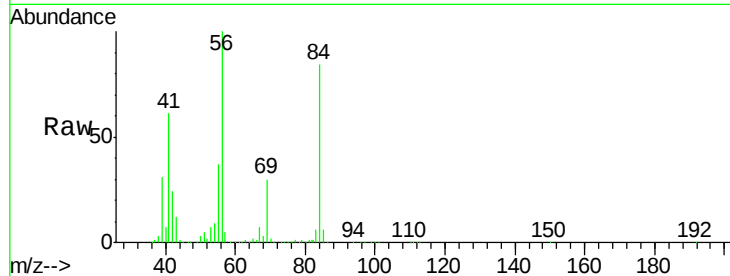




#31
Cyclohexane
Concen: 55.43 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

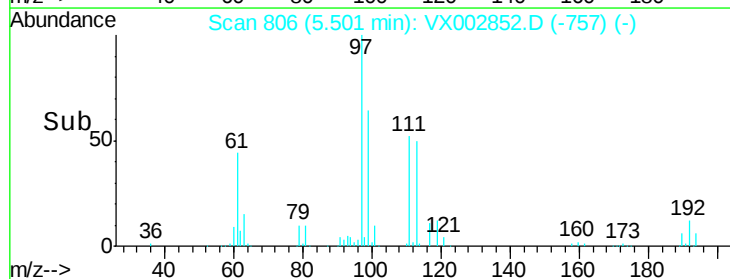
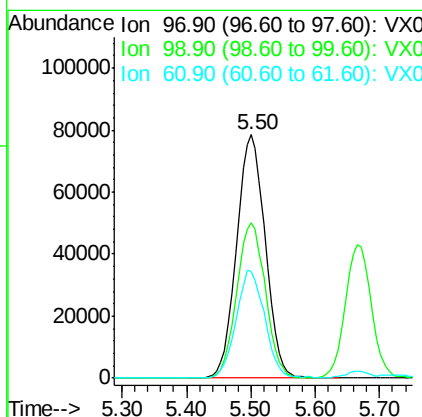
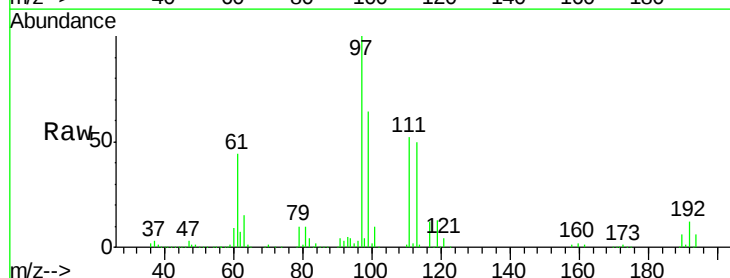
Instrument :
MSVOA_X
ClientSampled :
S83-0020MS

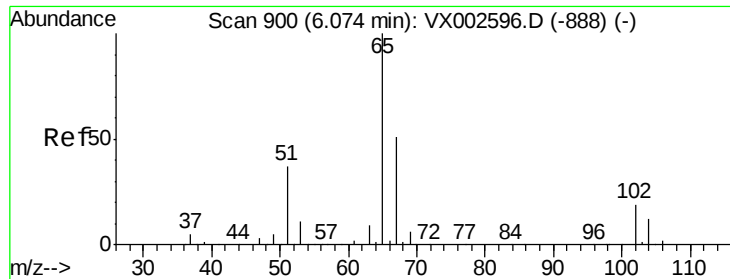
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	84.0	64.1	96.1



#32
1,1,1-Trichloroethane
Concen: 54.93 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	44.2	36.4	54.6

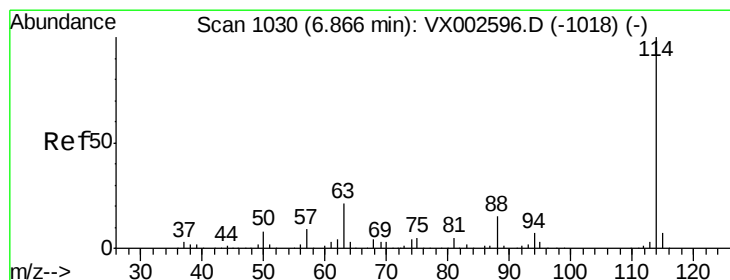
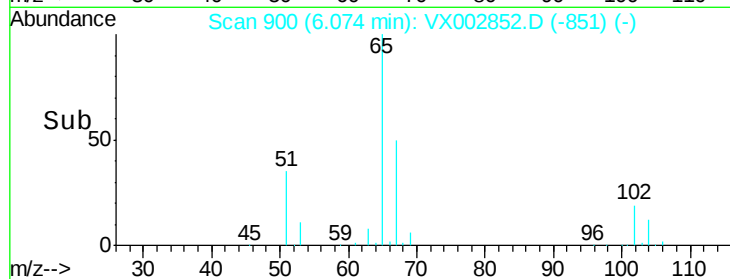
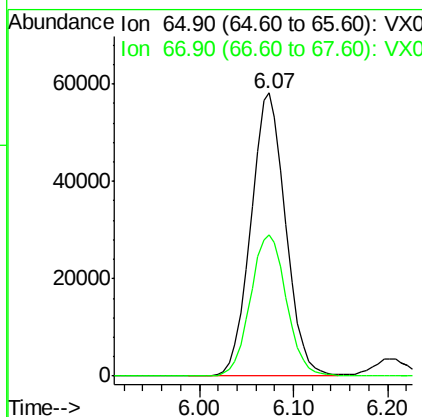
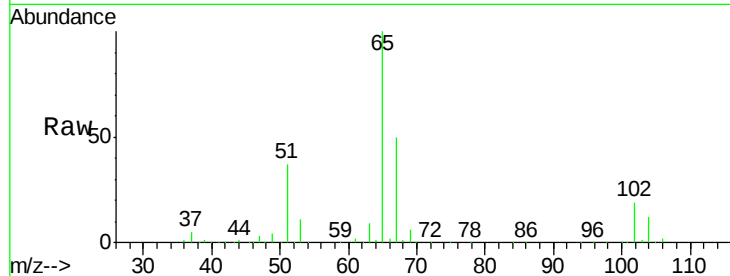




#33
 1,2-Dichloroethane-d4
 Concen: 39.61 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

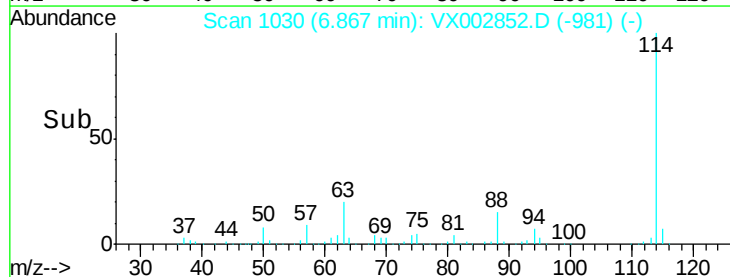
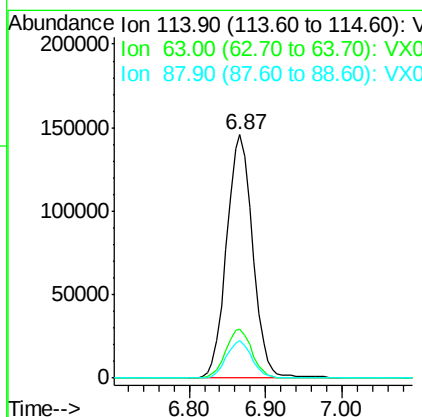
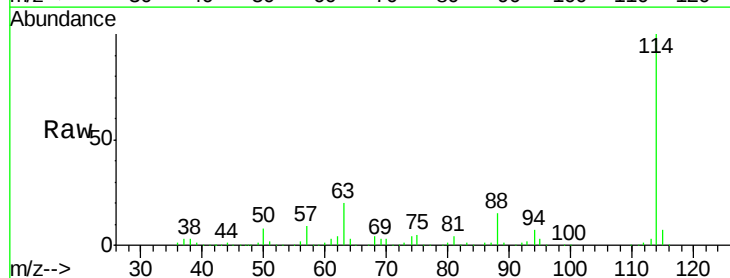
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

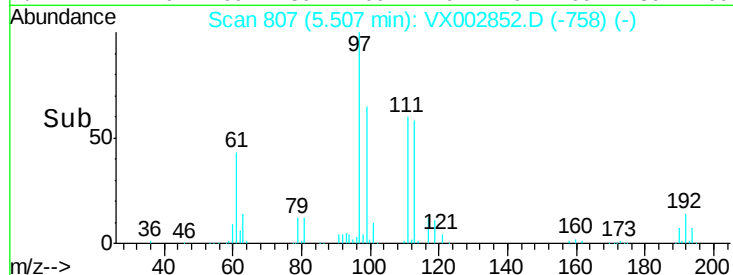
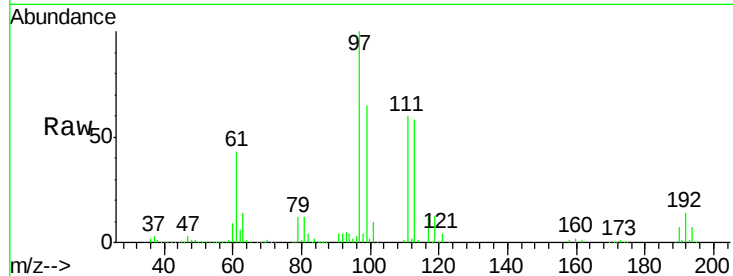
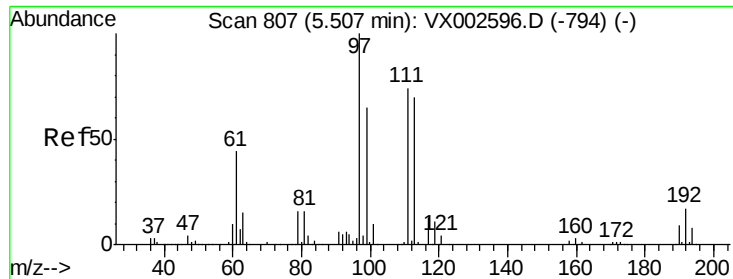
Tot Ion: 65 Resp: 150147
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Tgt Ion: 114 Resp: 344994
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.5 0.0 30.0

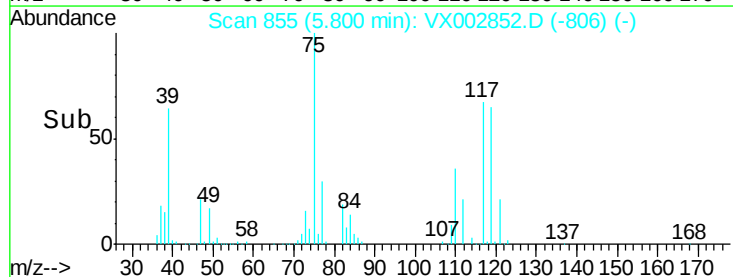
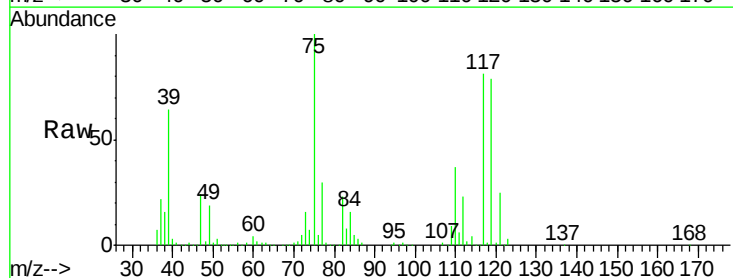
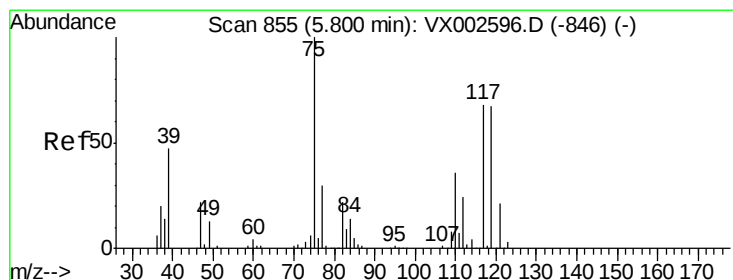
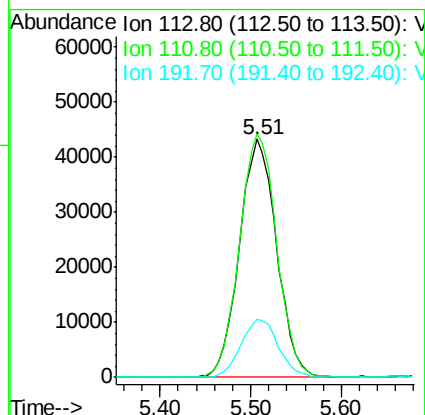




#35
Dibromofluoromethane
Concen: 44.63 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

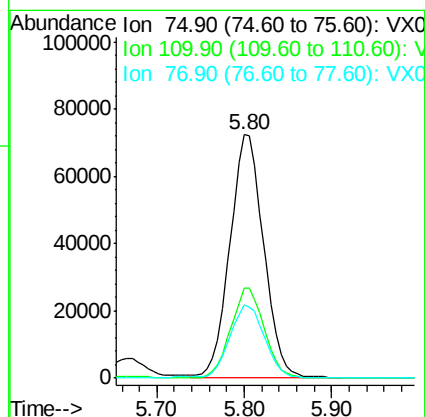
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MS

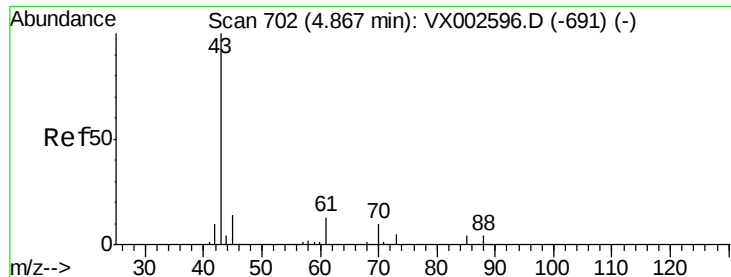
Tot Ion:113 Resp: 122872
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 24.5 19.1 28.7



#36
1,1-Dichloropropene
Concen: 52.79 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion: 75 Resp: 193432
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 30.9 24.3 36.5

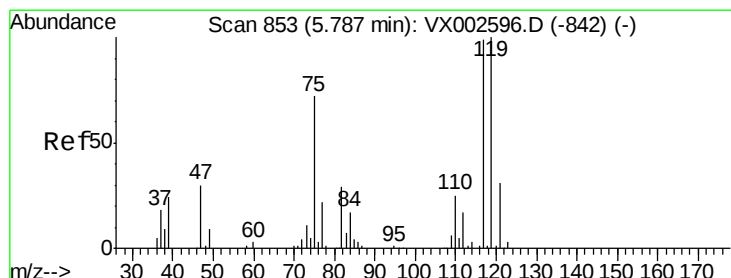
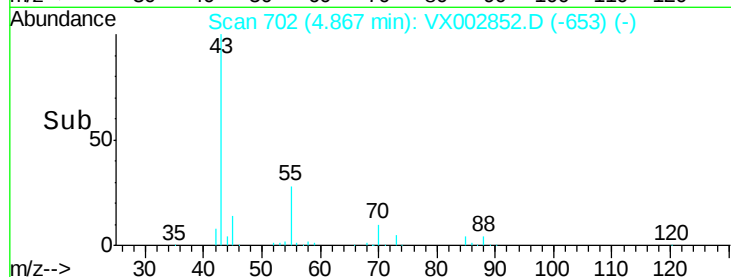
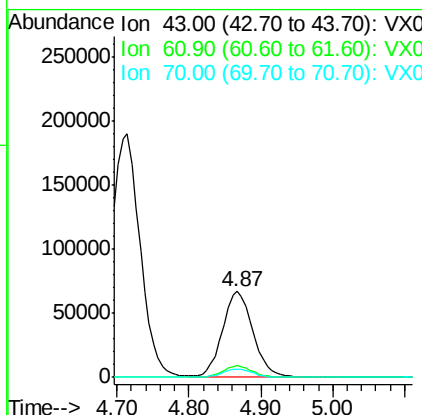
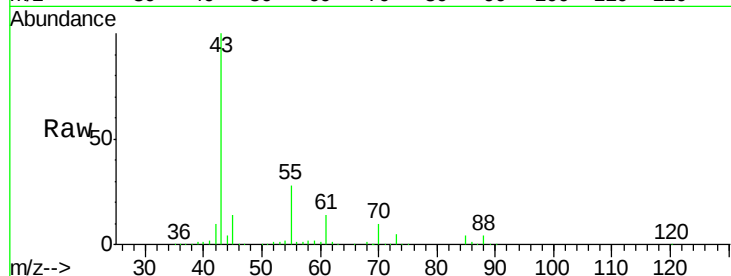




#37
Ethyl Acetate
Concen: 47.36 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

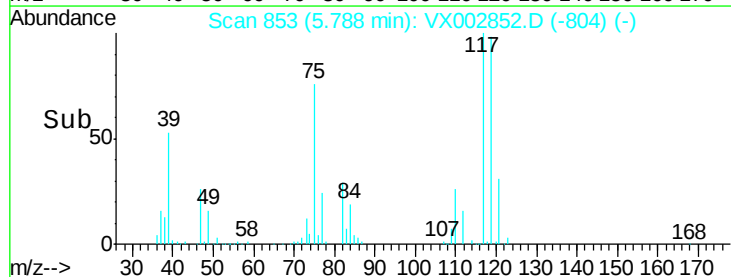
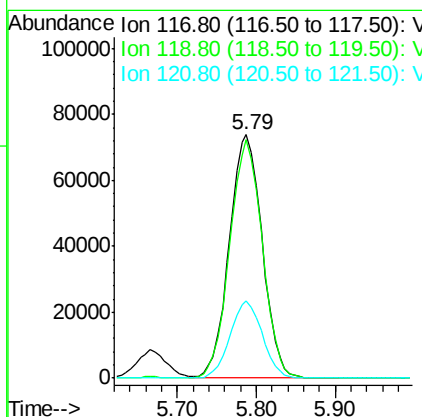
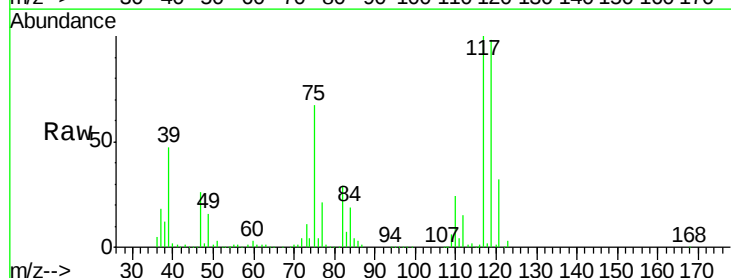
Instrument :
MSVOA_X
ClientSampled :
S83-0020MS

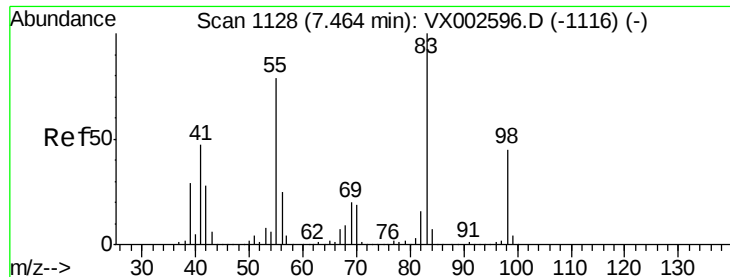
Tot Ion: 43 Resp: 196392
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 58.79 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion: 117 Resp: 214497
Ion Ratio Lower Upper
117 100
119 98.0 77.4 116.0
121 31.6 24.4 36.6

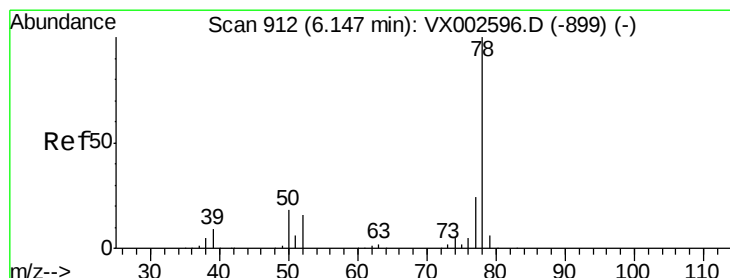
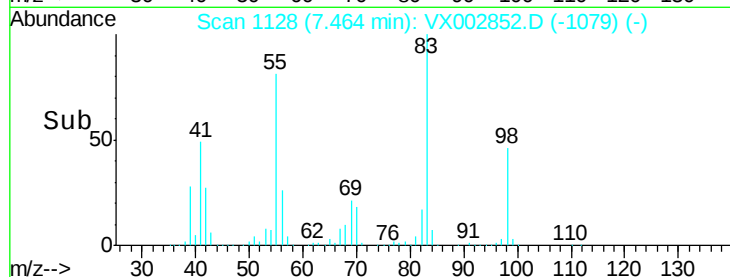
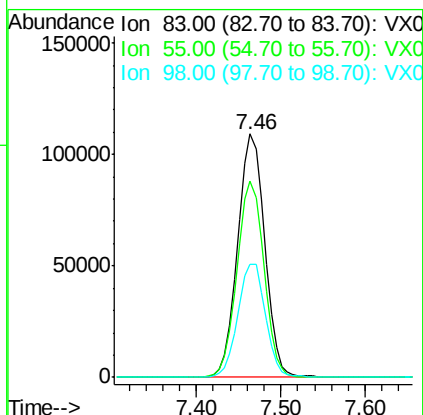
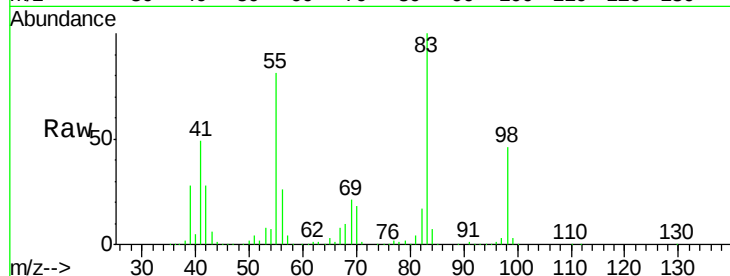




#39
Methvlcvclohexane
Concen: 55.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

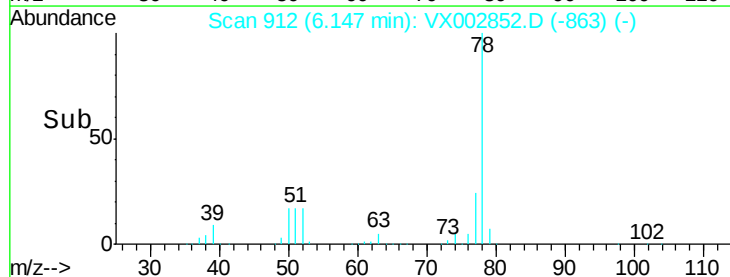
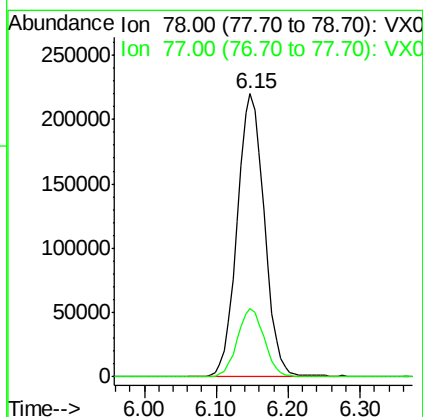
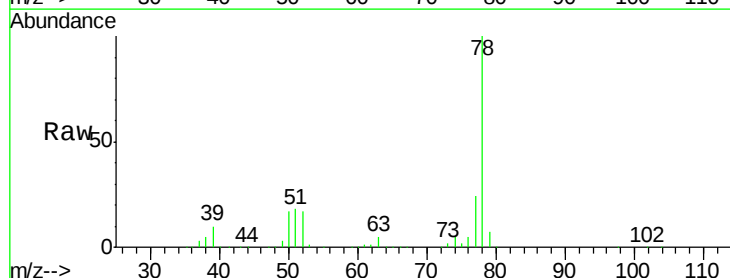
Instrument :
MSVOA_X
ClientSampled :
S83-0020MS

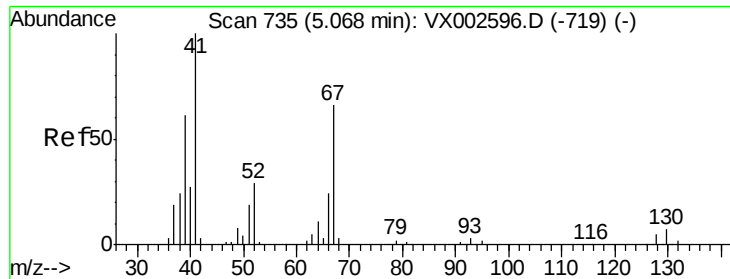
Tot Ion	83	Resp	236102
Ion	Ratio	Lower	Upper
83	100		
55	80.4	65.4	98.0
98	46.5	37.4	56.0



#40
Benzene
Concen: 52.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion	78	Resp	577619
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

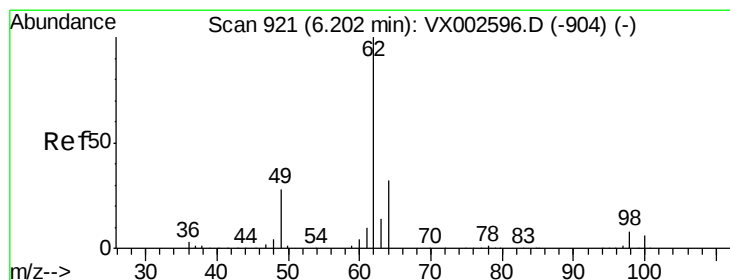
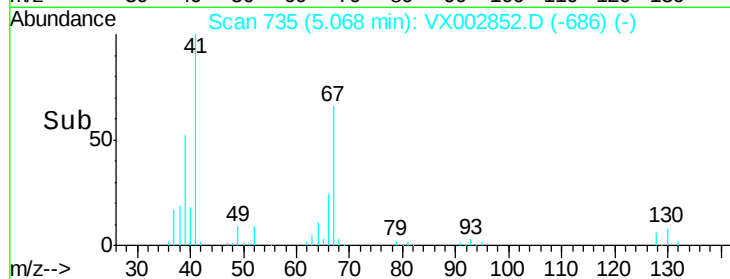
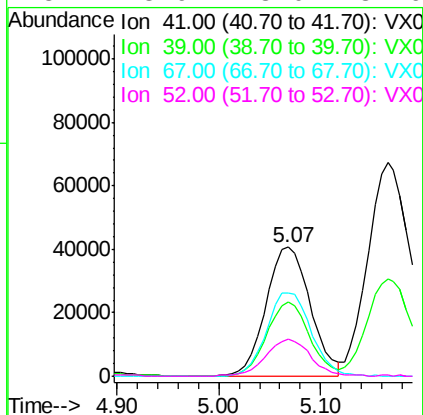
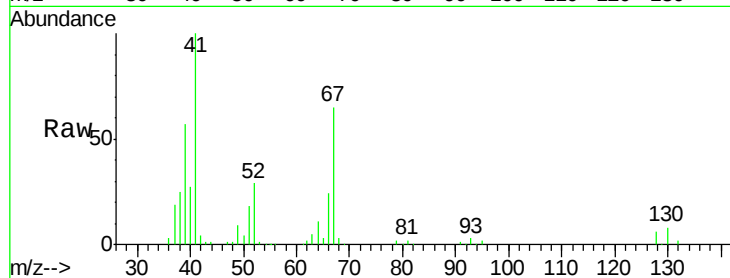




#41
Methacrylonitrile
Concen: 52.11 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

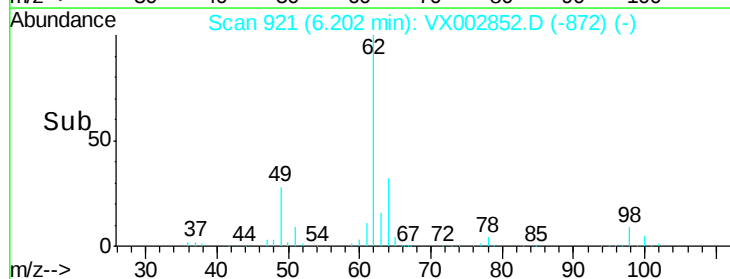
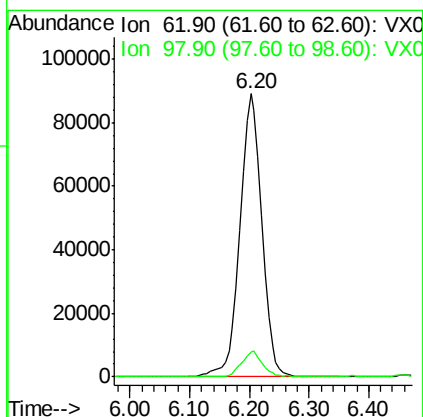
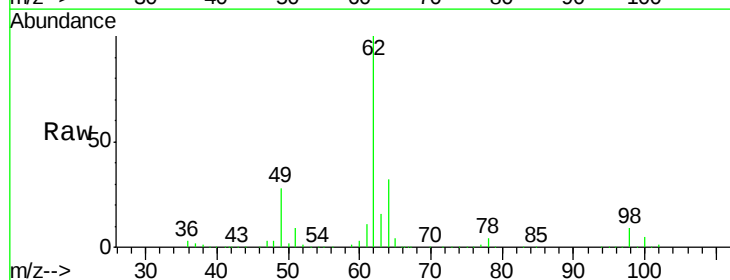
Instrument :
MSVOA_X
ClientSampled :
S83-0020MS

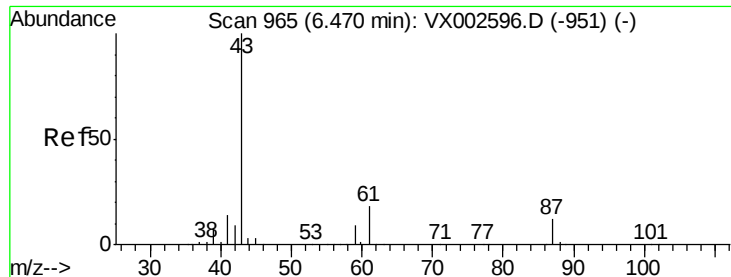
Tot Ion:	41	Resp:	122015
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.8	68.6
67	66.1	51.3	76.9
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 53.62 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion:	62	Resp:	228073
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6



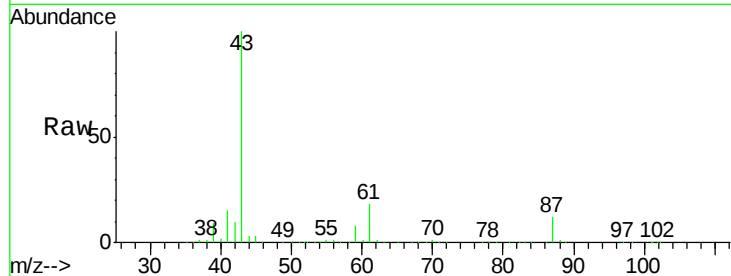


#43

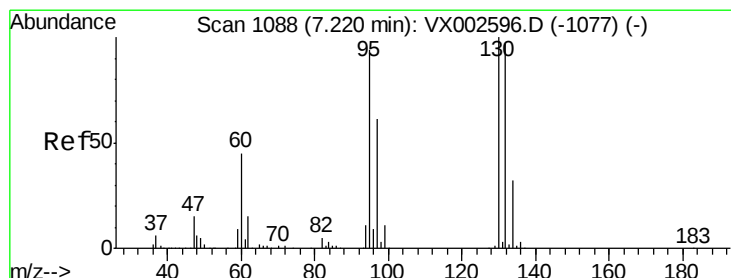
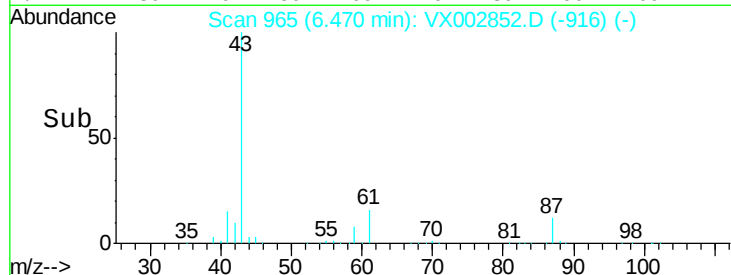
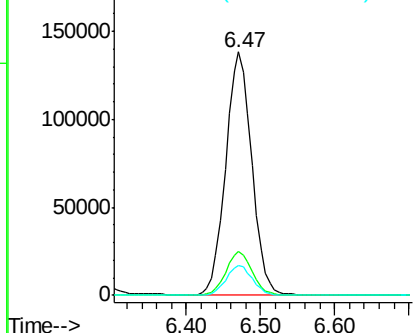
Isopropyl Acetate
 Concen: 49.05 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

Tot Ion: 43 Resp: 337014
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 12.5 9.5 14.3



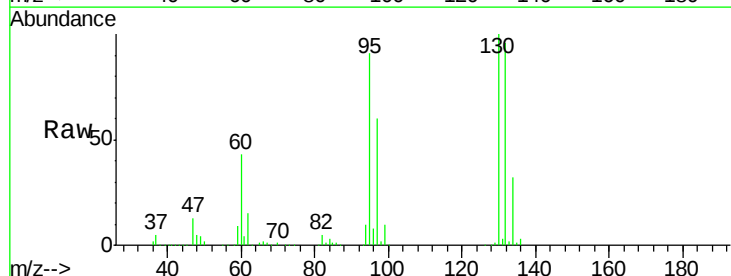
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



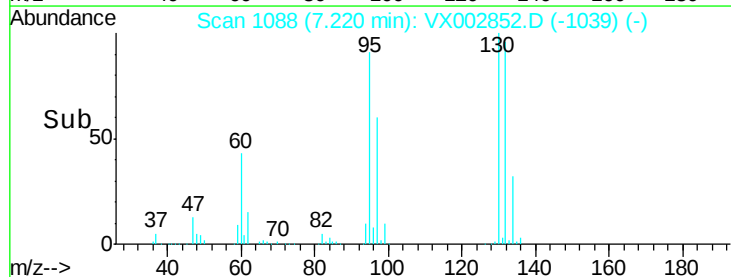
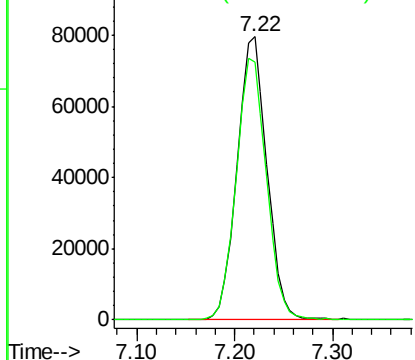
#44

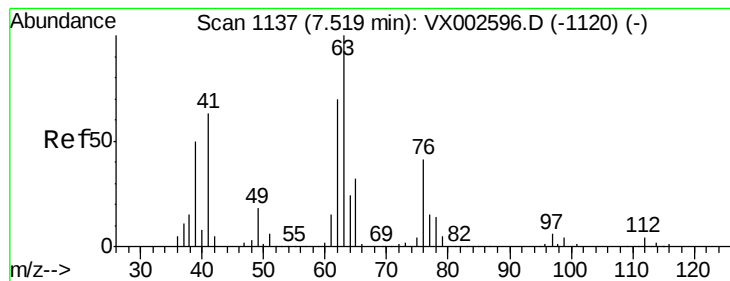
Trichloroethene
 Concen: 53.25 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Tgt Ion:130 Resp: 168853
 Ion Ratio Lower Upper
 130 100
 95 91.0 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: 52.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

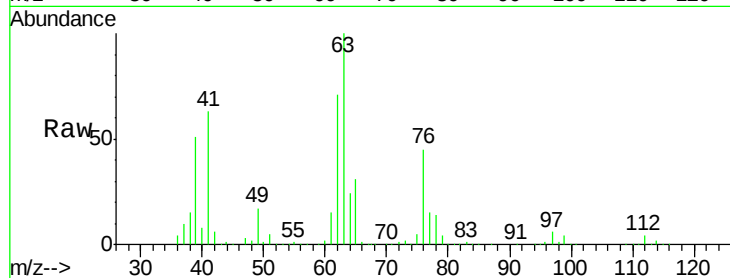
S83-0020MS

Tot Ion: 63 Resp: 152717

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

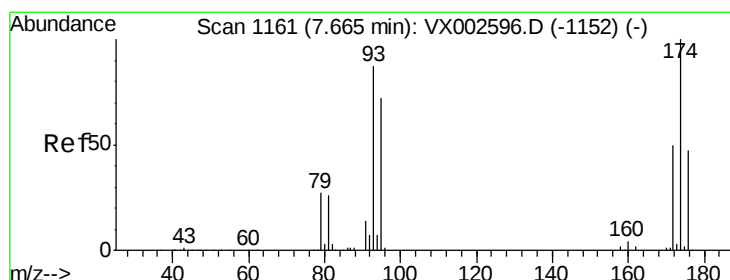
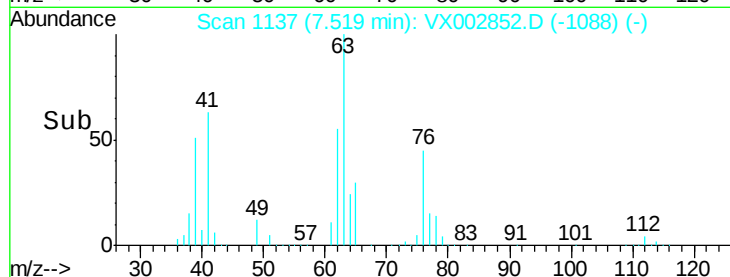
60000

40000

20000

0

Time--> 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 54.65 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

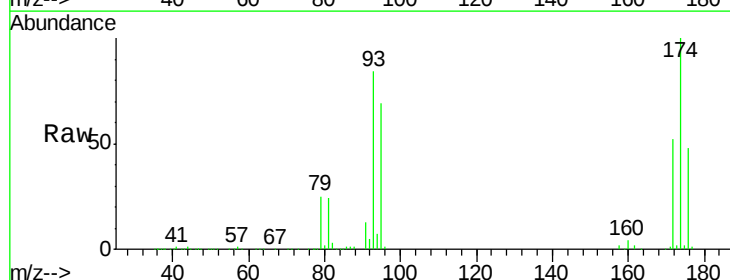
Tgt Ion: 93 Resp: 105712

Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 118.9 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

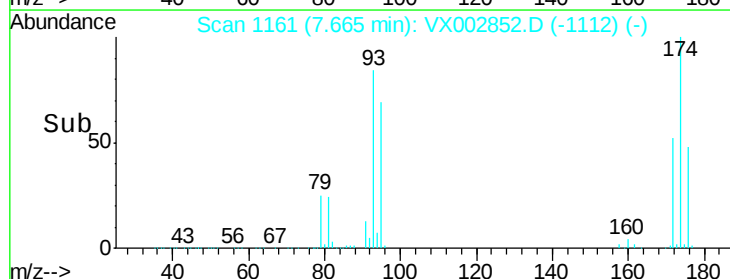
60000

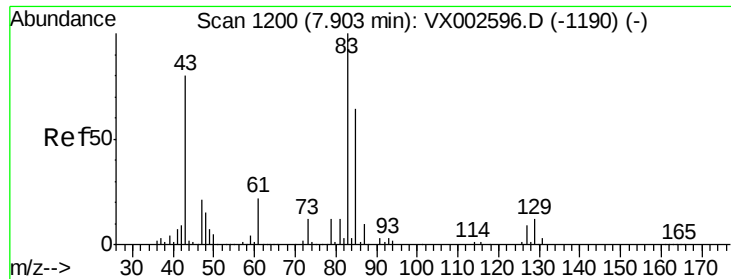
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 58.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

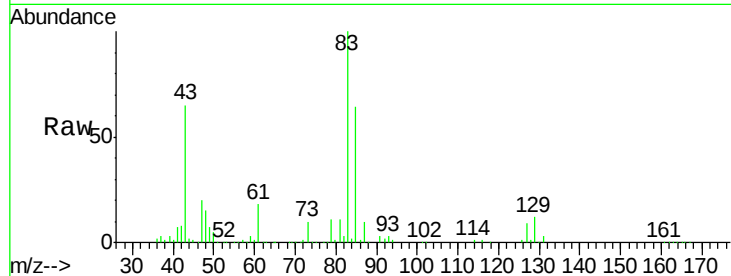
Tot Ion: 83 Resp: 200740

Ion Ratio Lower Upper

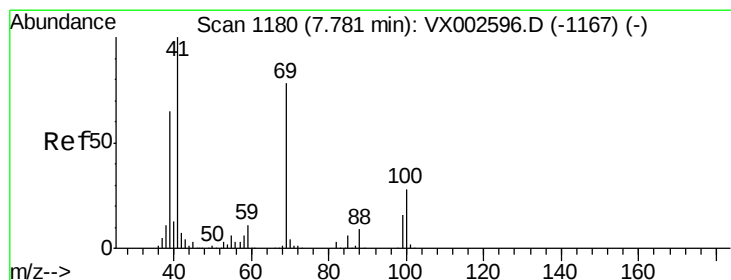
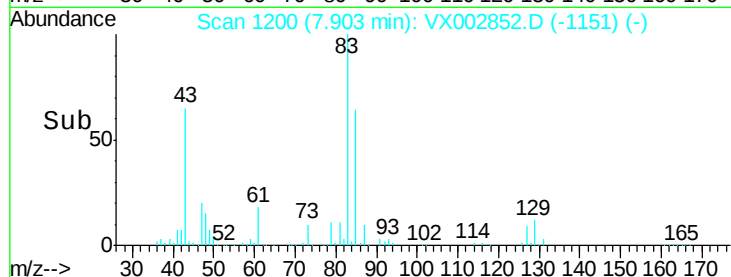
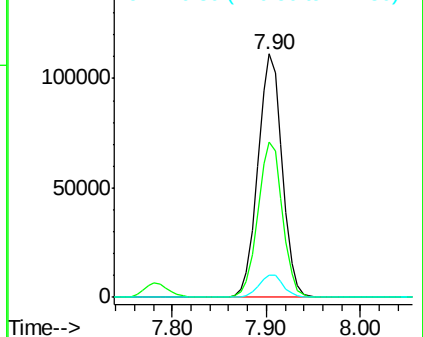
83 100

85 63.9 50.3 75.5

127 9.3 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: 53.69 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

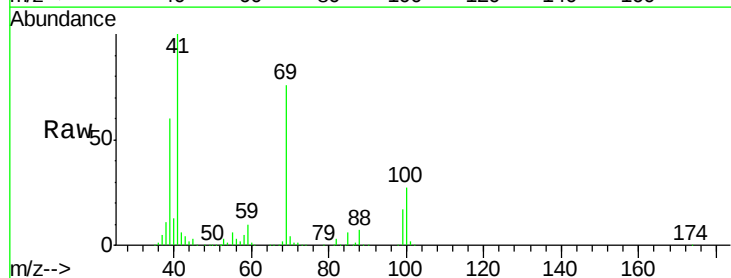
Tgt Ion: 41 Resp: 188528

Ion Ratio Lower Upper

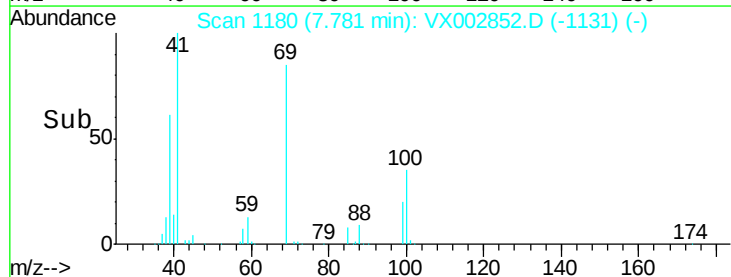
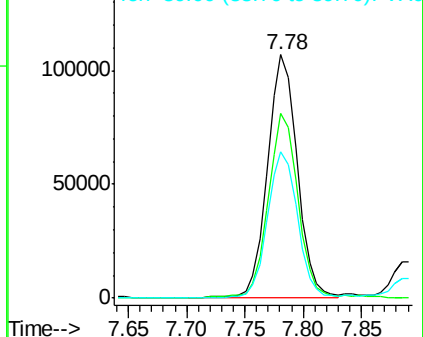
41 100

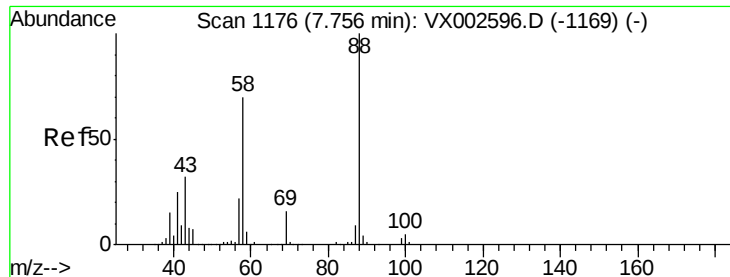
69 77.1 59.1 88.7

39 61.2 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

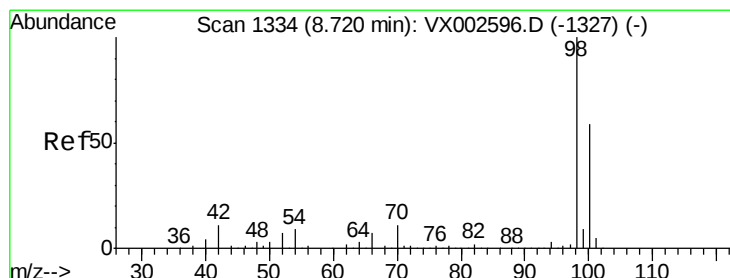
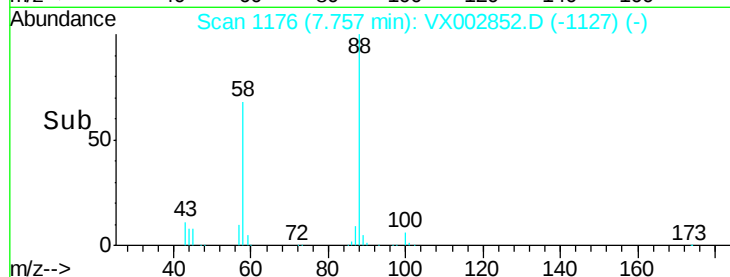
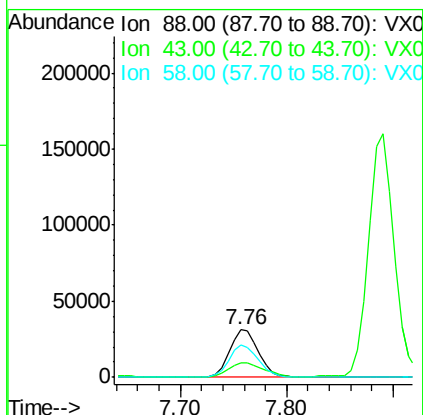
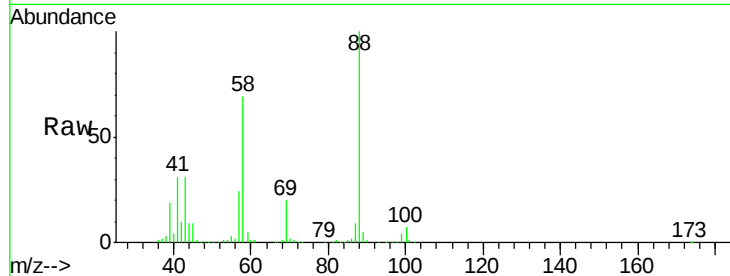




#49
1,4-Dioxane
Concen: 897.04 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

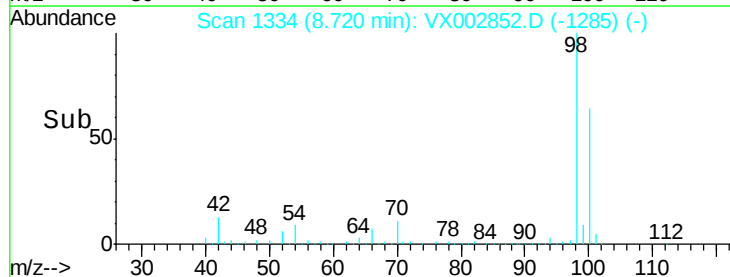
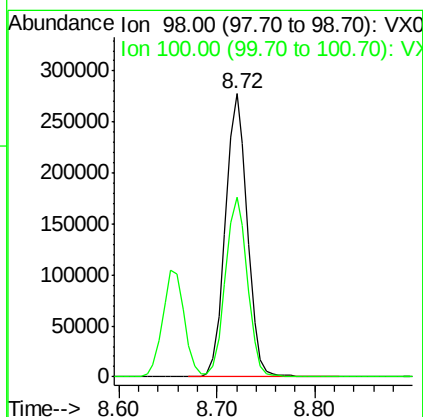
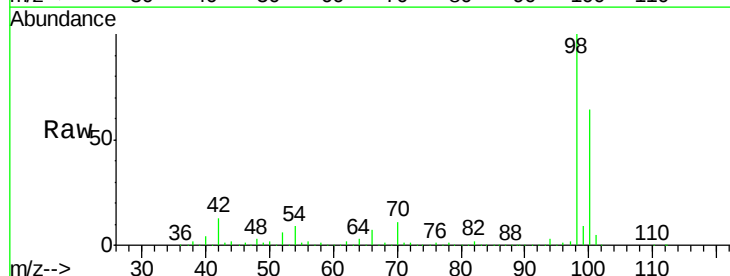
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MS

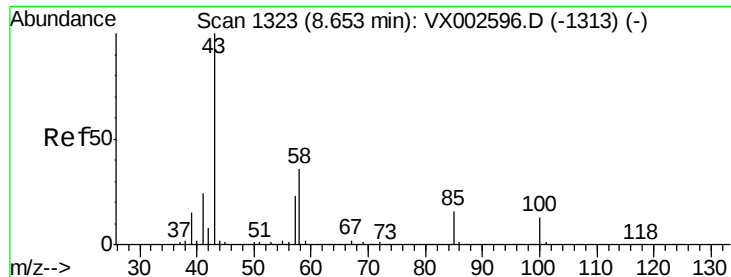
Tot Ion	88	Resp	59648
Ion	Ratio	Lower	Upper
88	100		
43	36.9	29.8	44.6
58	69.8	57.1	85.7



#50
Toluene-d8
Concen: 40.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion	98	Resp	428364
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 258.65 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

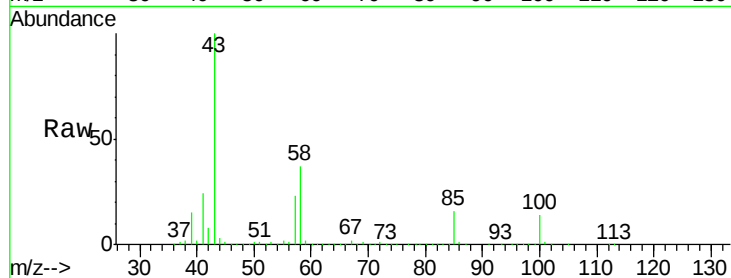
S83-0020MS

Tot Ion: 43 Resp: 1141089

Ion Ratio Lower Upper

43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

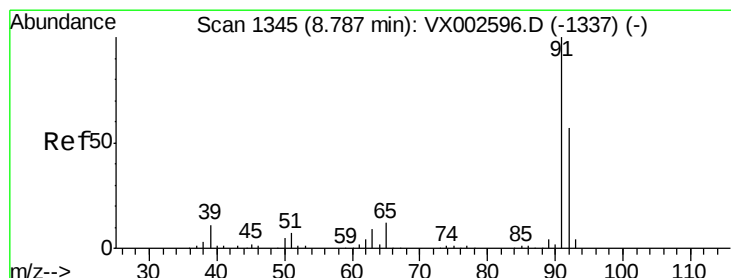
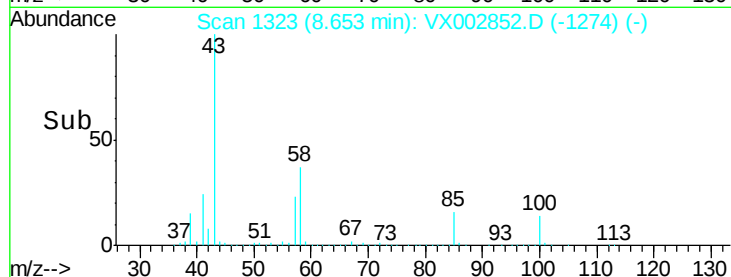
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002852.D

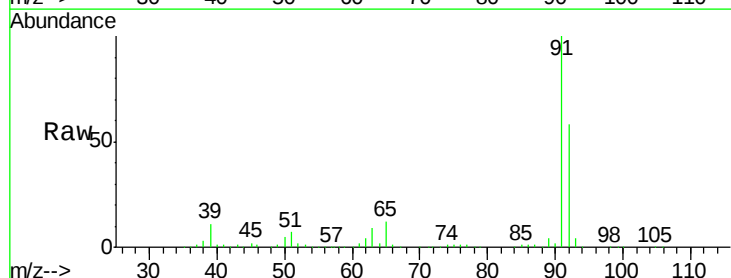
Acq: 23 Jun 2018 00:51

Tgt Ion: 92 Resp: 375702

Ion Ratio Lower Upper

92 100

91 176.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

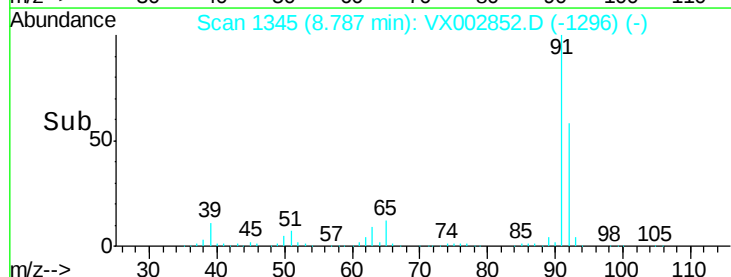
300000

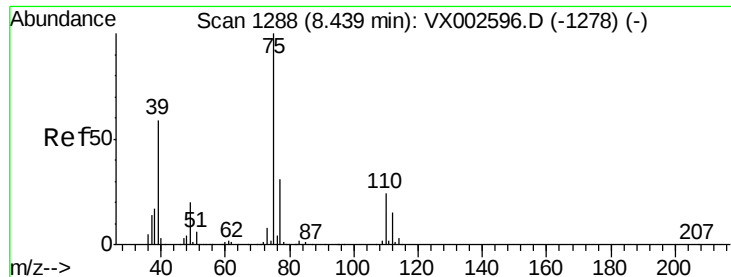
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.55 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

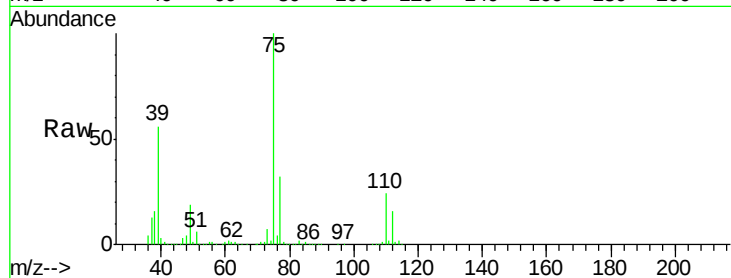
S83-0020MS

Tot Ion: 75 Resp: 218908

Ion Ratio Lower Upper

75 100

77 32.0 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

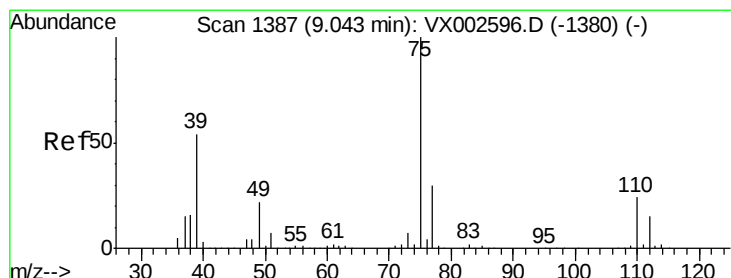
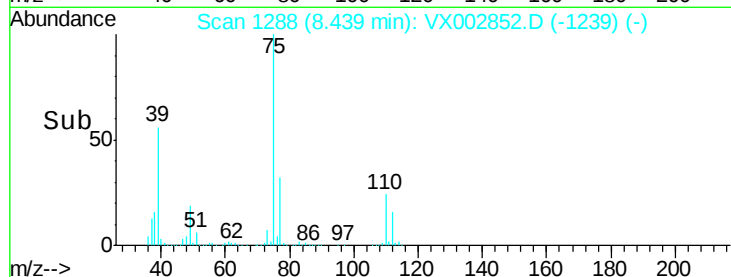
150000

100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55



#54

cis-1,3-Dichloropropene

Concen: 48.63 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

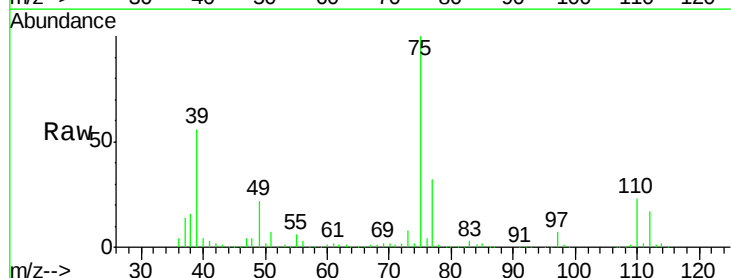
Tgt Ion: 75 Resp: 209099

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 55.4 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

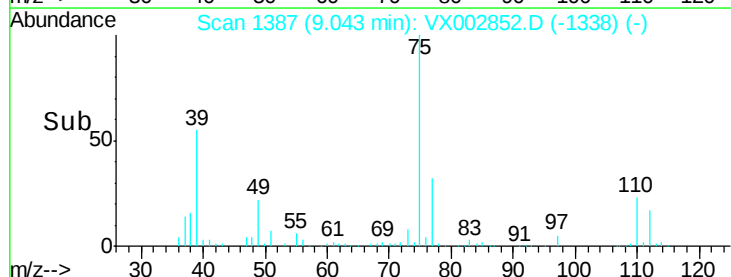
150000

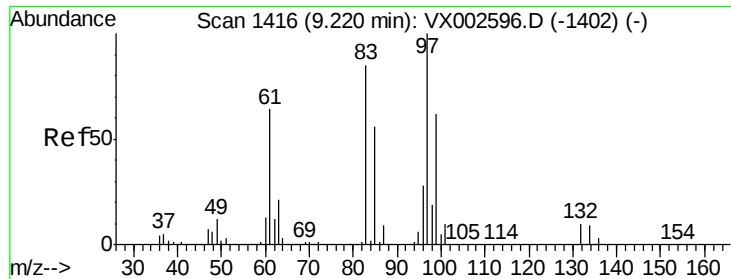
100000

50000

0

Time--> 8.90 9.00 9.10 9.20

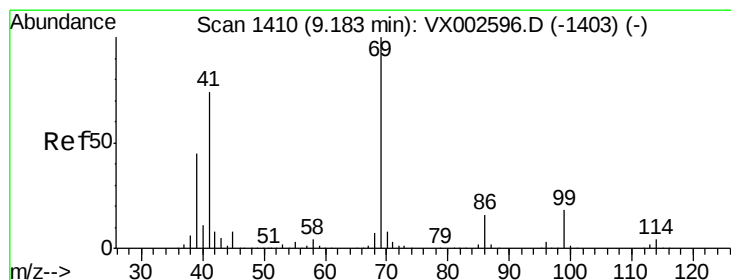
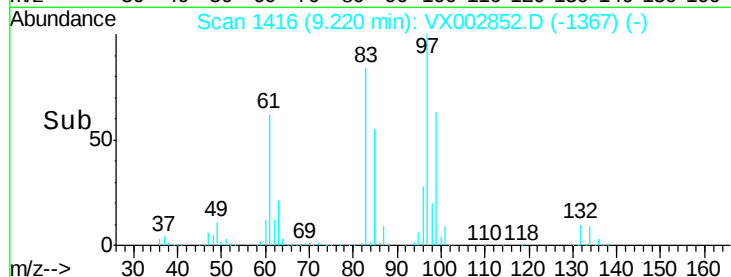
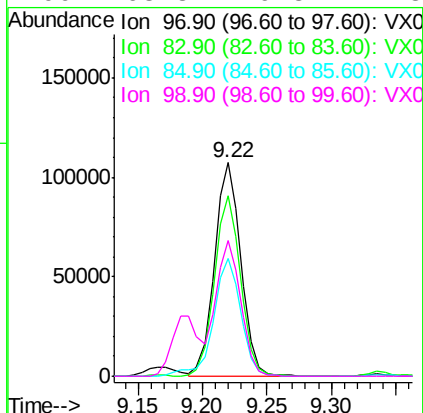
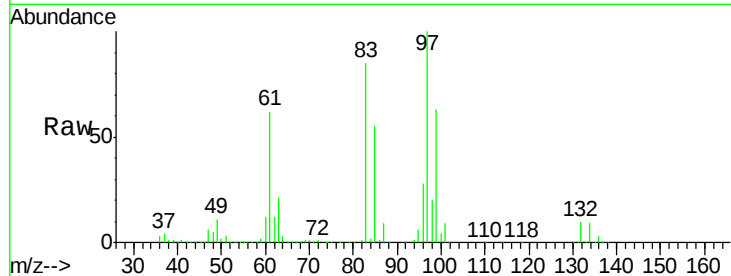




#55
 1,1,2-Trichloroethane
 Concen: 54.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

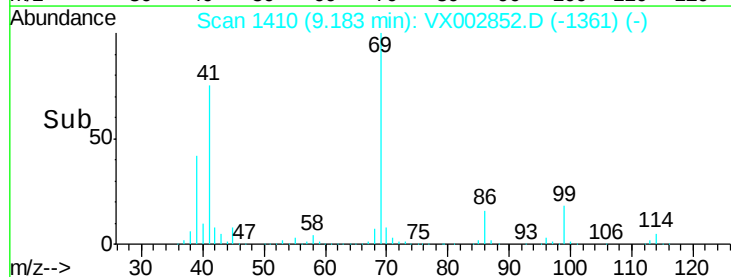
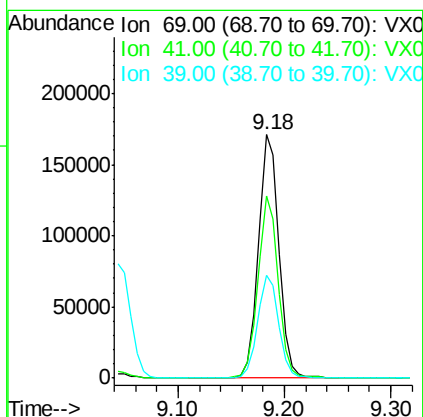
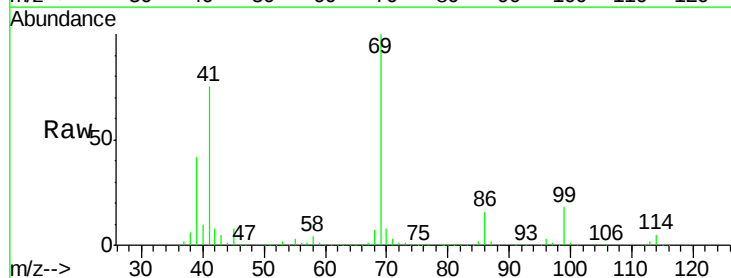
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

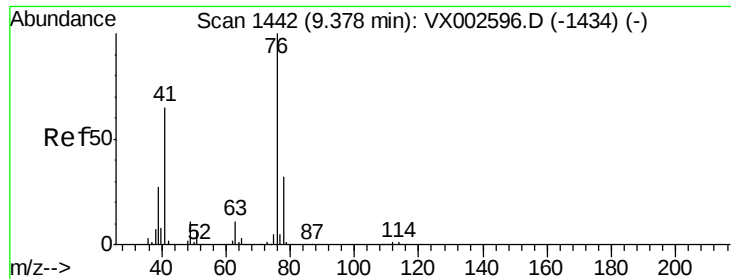
Tot Ion:	97	Resp:	154094
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.2
85	55.4	44.9	67.3
99	63.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.08 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Tgt Ion:	69	Resp:	231302
Ion	Ratio	Lower	Upper
69	100		
41	73.8	60.3	90.5
39	42.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.63 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

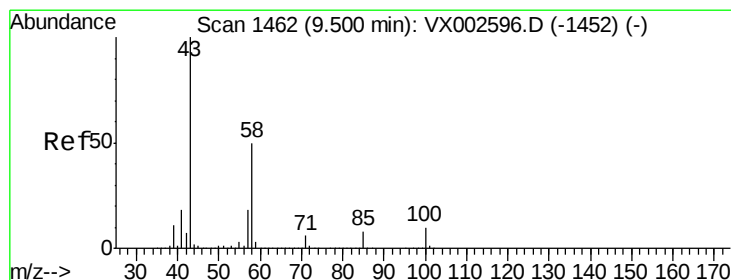
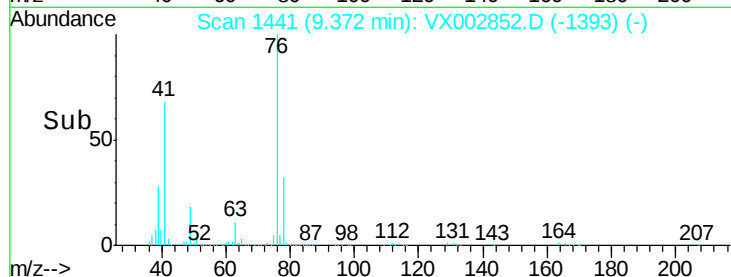
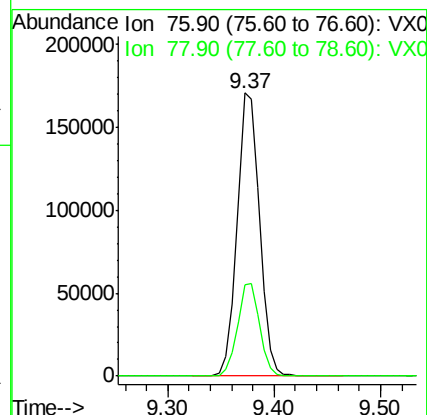
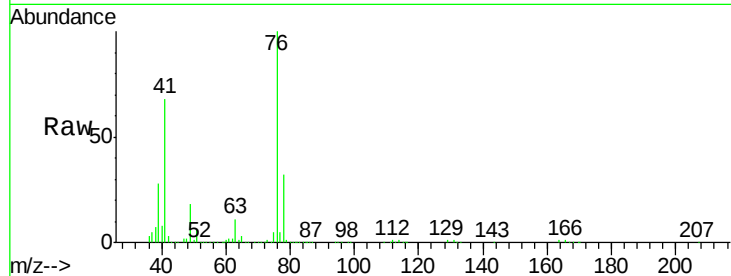
S83-0020MS

Tot Ion: 76 Resp: 252063

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#59

2-Hexanone

Concen: 260.29 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX002852.D

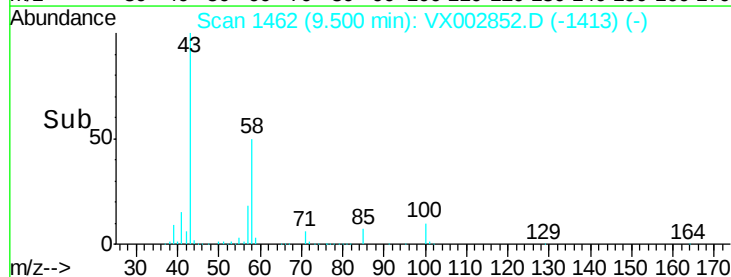
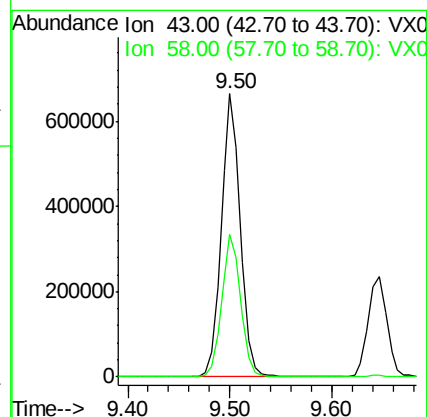
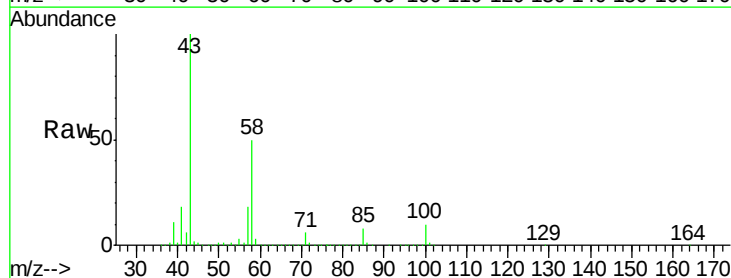
Acq: 23 Jun 2018 00:51

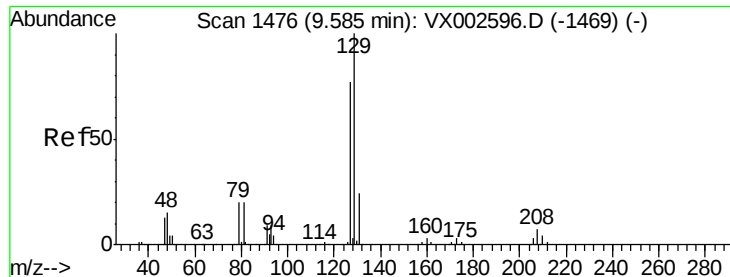
Tgt Ion: 43 Resp: 865305

Ion Ratio Lower Upper

43 100

58 50.5 24.6 73.6





#60

Dibromochloromethane

Concen: 51.90 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

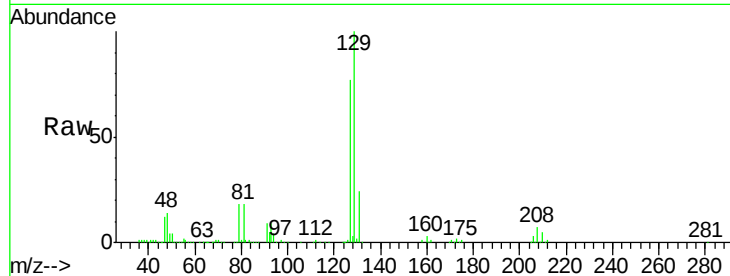
S83-0020MS

Tot Ion:129 Resp: 165806

Ion Ratio Lower Upper

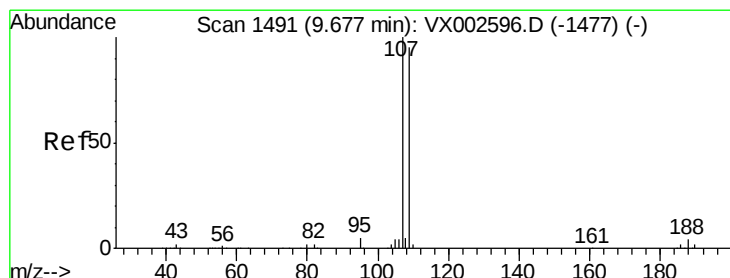
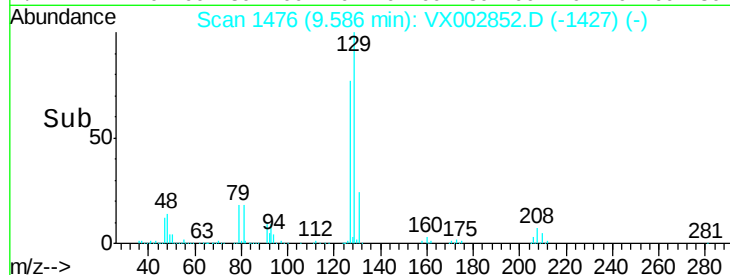
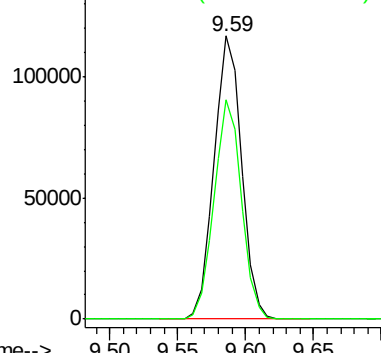
129 100

127 77.0 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: 56.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002852.D

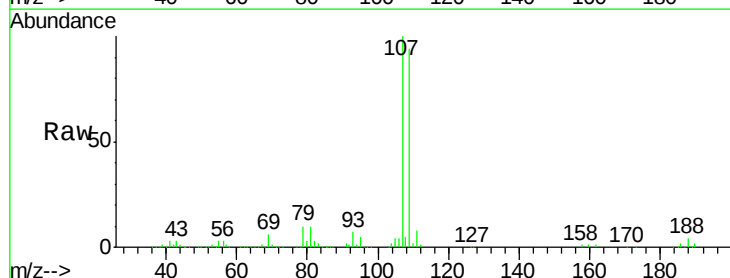
Acq: 23 Jun 2018 00:51

Tgt Ion:107 Resp: 164790

Ion Ratio Lower Upper

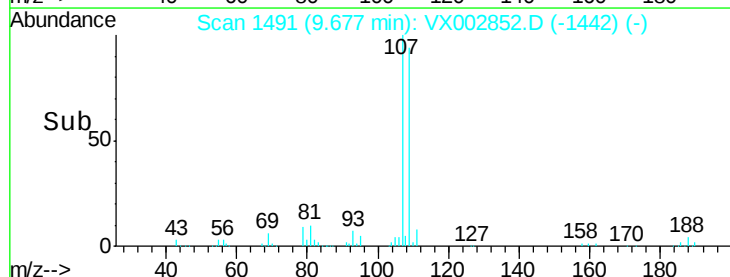
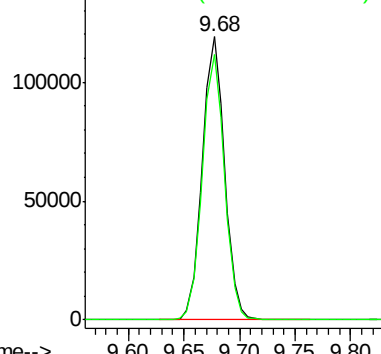
107 100

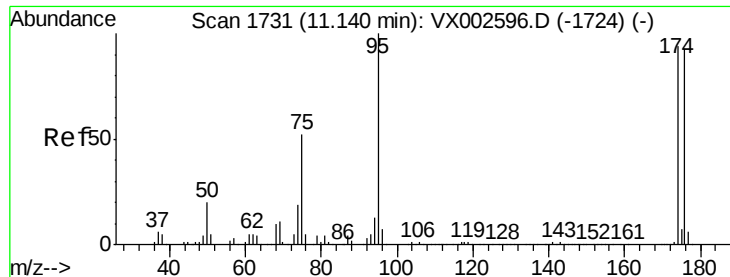
109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

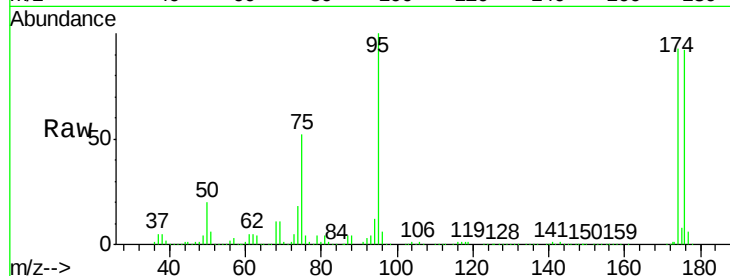




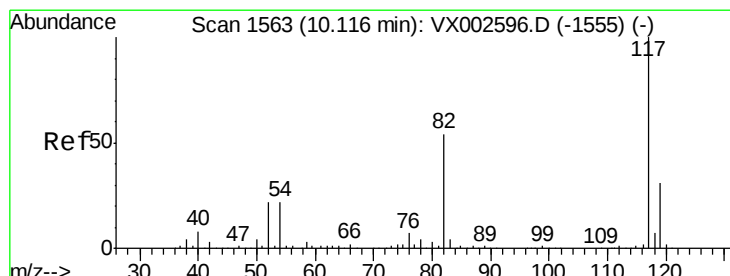
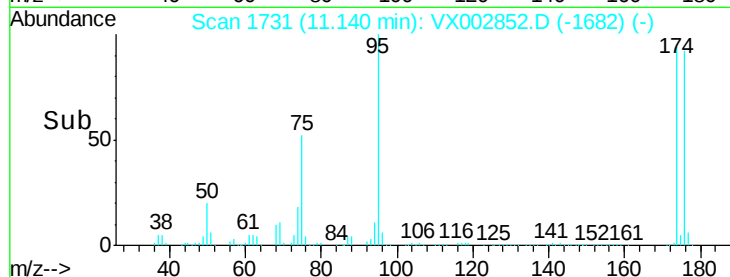
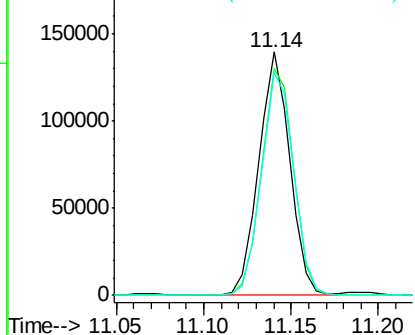
#62
4-Bromofluorobenzene
Concen: 43.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MS

Tot Ion: 95 Resp: 172333
Ion Ratio Lower Upper
95 100
174 96.5 0.0 187.4
176 94.6 0.0 181.0

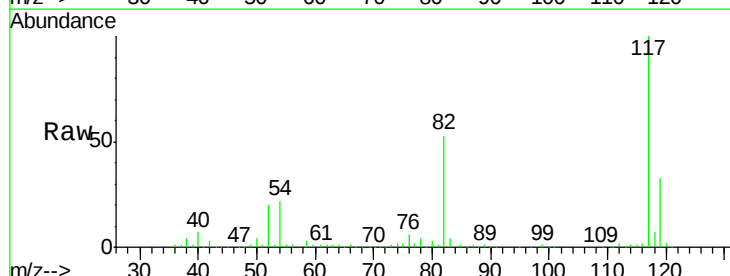


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

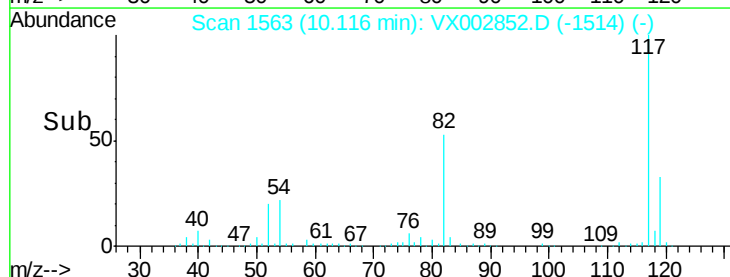
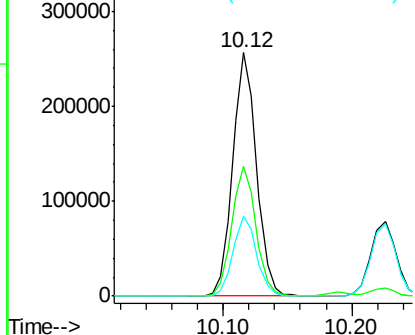


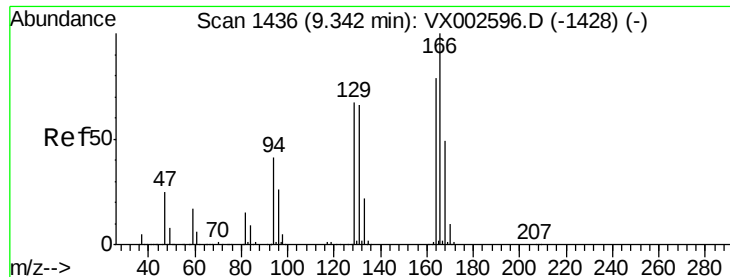
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion: 117 Resp: 331664
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.6 25.8 38.6



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





#64

Tetrachloroethene

Concen: 45.55 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

S83-0020MS

Tot Ion:164 Resp: 167688

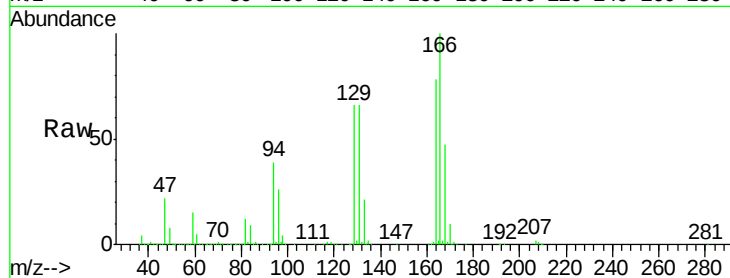
Ion Ratio Lower Upper

164 100

166 128.8 102.9 154.3

129 85.6 68.6 102.8

131 84.4 66.8 100.2

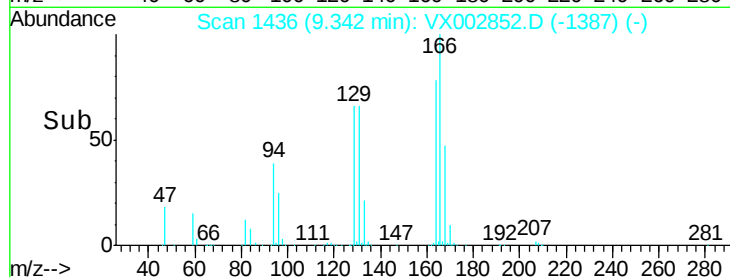


Abundance Ion 163.80 (163.50 to 164.50): V

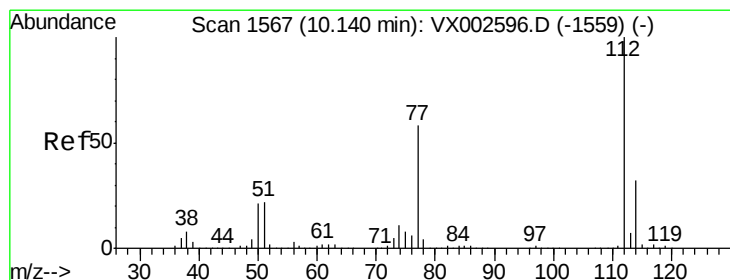
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 57.05 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002852.D

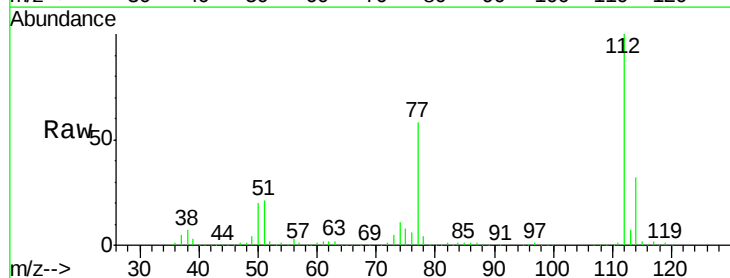
Acq: 23 Jun 2018 00:51

Tgt Ion:112 Resp: 464716

Ion Ratio Lower Upper

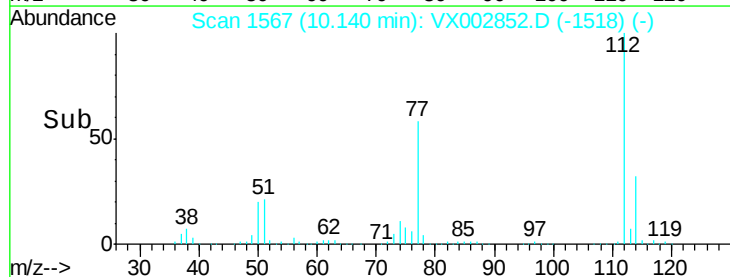
112 100

114 31.8 25.3 37.9

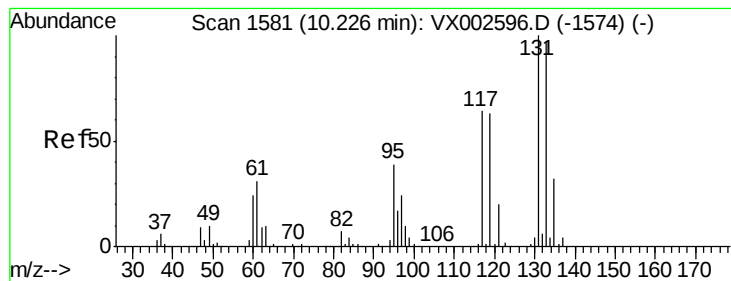


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 58.78 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

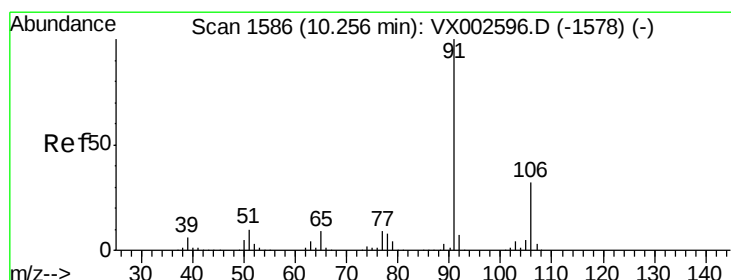
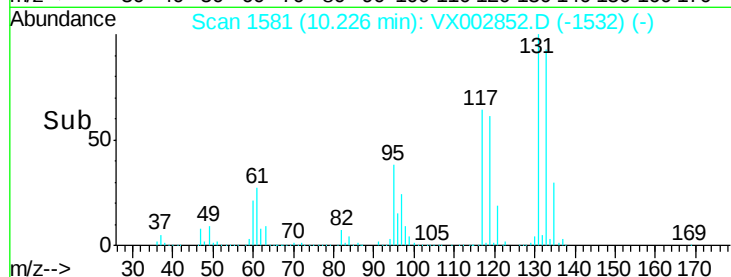
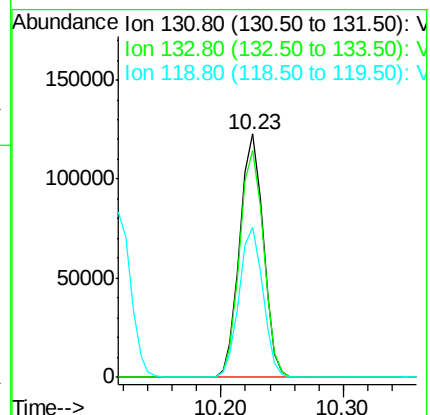
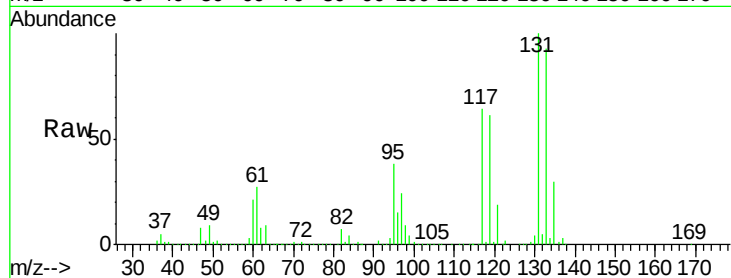
Tot Ion:131 Resp: 163213

Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

119 62.3 31.8 95.3



#67

Ethyl Benzene

Concen: 67.07 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002852.D

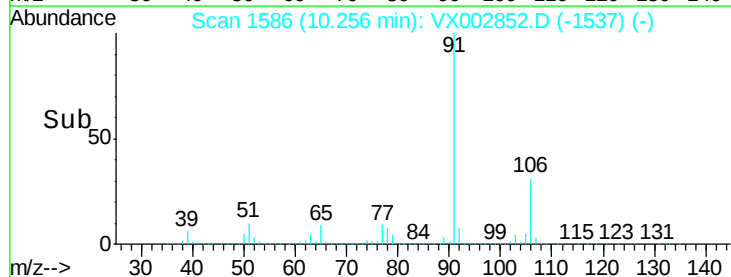
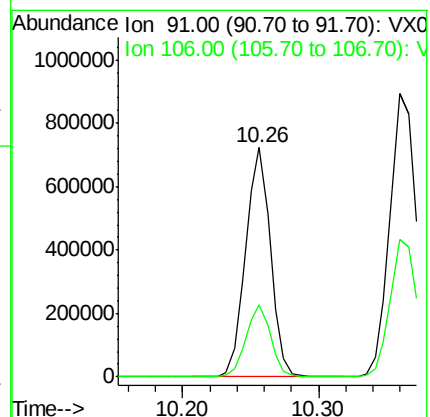
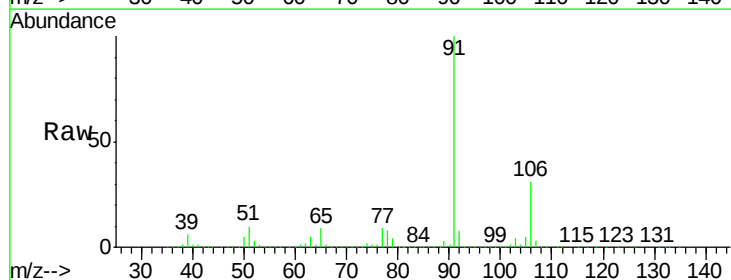
Acq: 23 Jun 2018 00:51

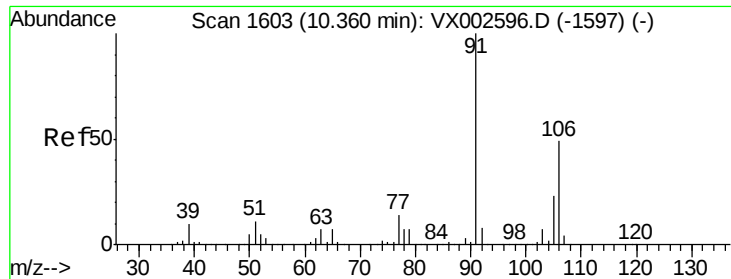
Tgt Ion: 91 Resp: 921439

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3

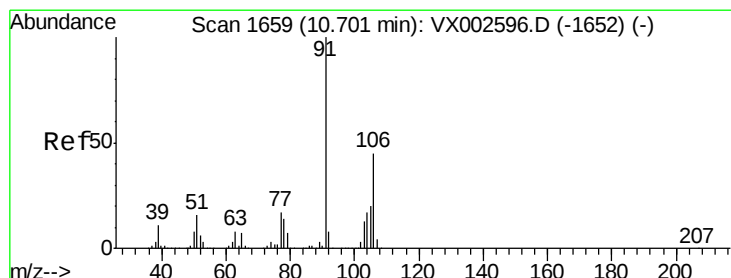
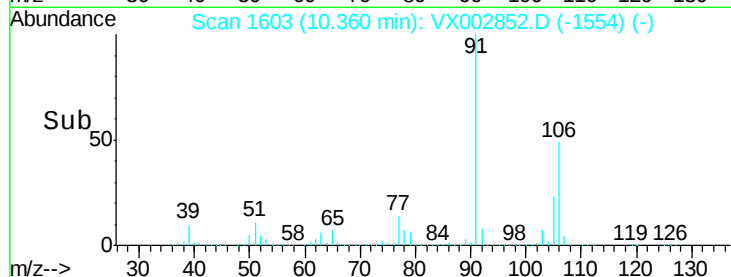
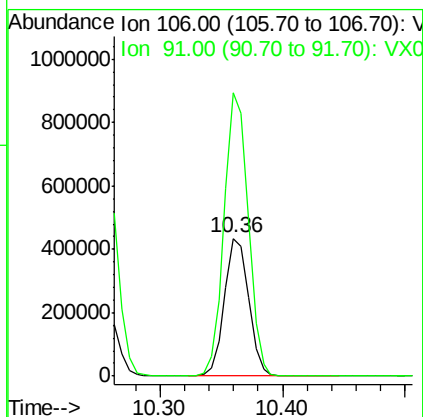
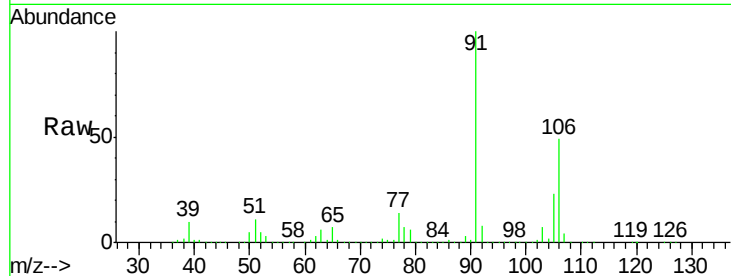




#68
m/p-Xvlenes
Concen: 112.29 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

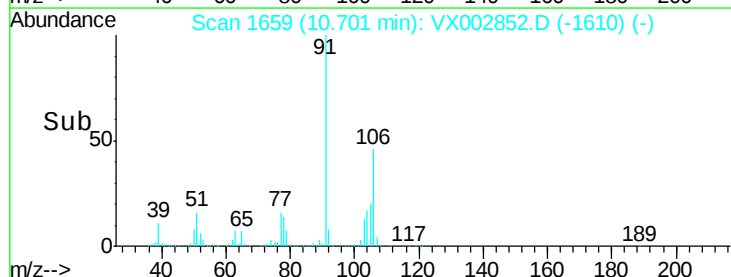
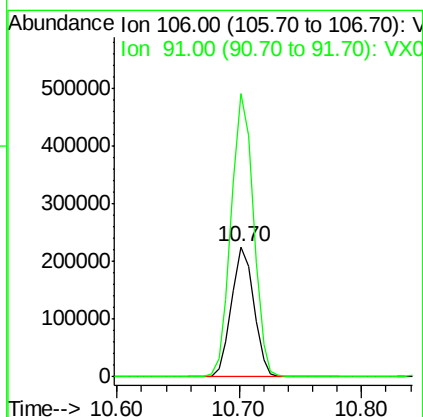
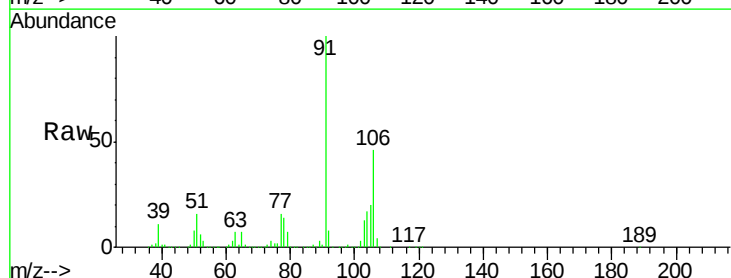
Instrument :
MSVOA_X
ClientSampled :
S83-0020MS

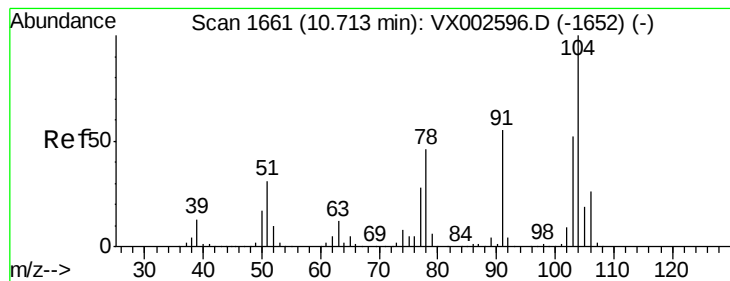
Tot Ion:106 Resp: 595076
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2



#69
o-Xylene
Concen: 54.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion:106 Resp: 285332
Ion Ratio Lower Upper
106 100
91 216.8 108.2 324.6





#70

Stvrene

Concen: 53.74 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

S83-0020MS

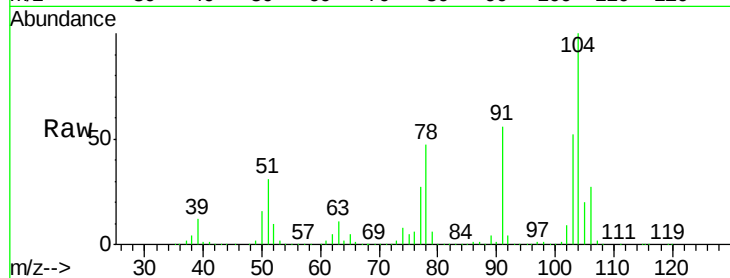
Tot Ion:104 Resp: 460146

Ion Ratio Lower Upper

104 100

78 51.0 41.0 61.6

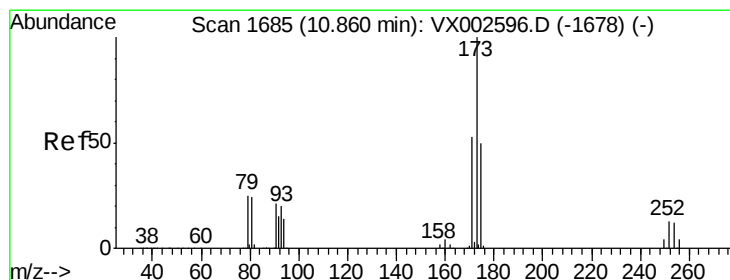
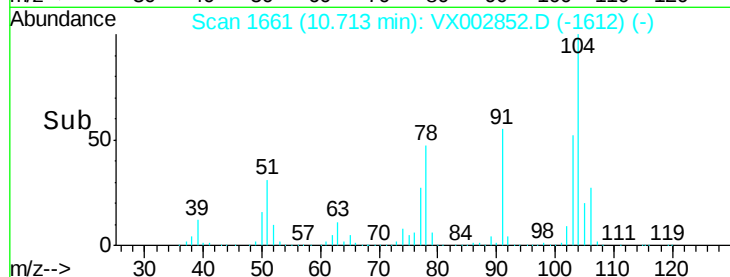
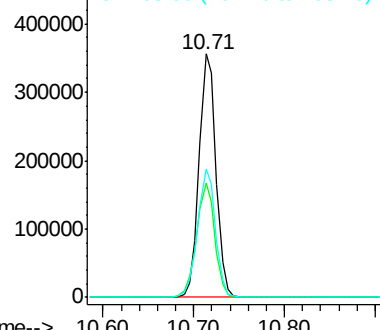
103 56.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.92 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

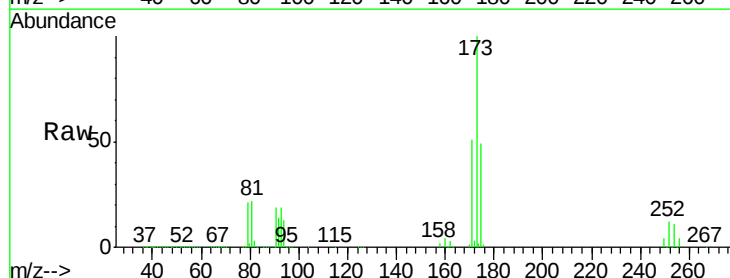
Tgt Ion:173 Resp: 128987

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

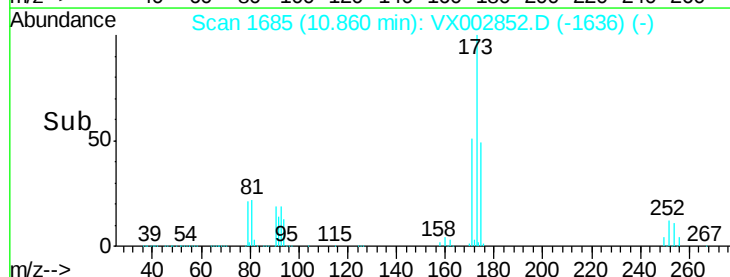
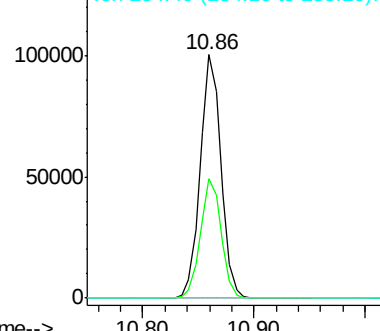
254 0.2 0.2 0.2

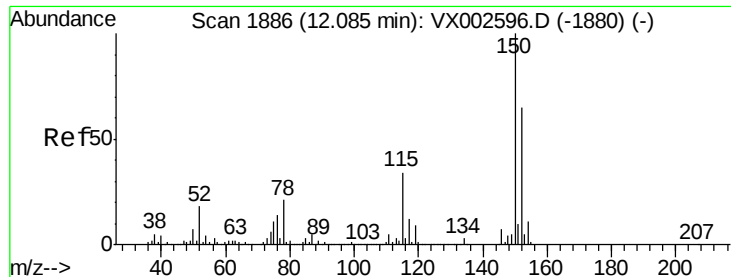


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

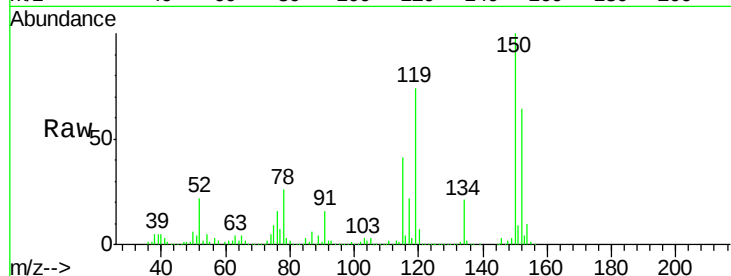
Tot Ion:152 Resp: 215050

Ion Ratio Lower Upper

152 100

115 80.6 40.1 120.2

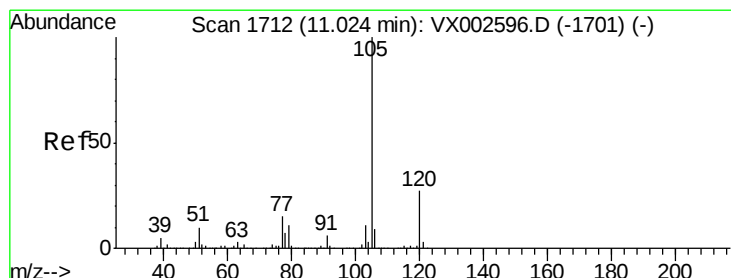
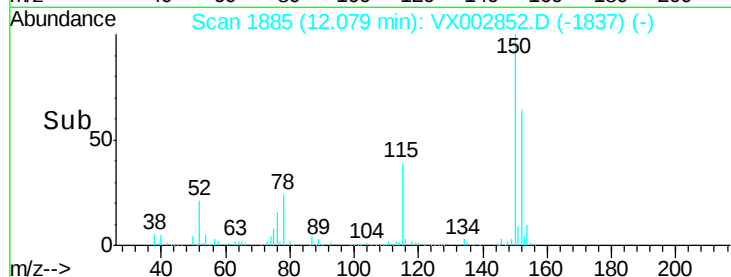
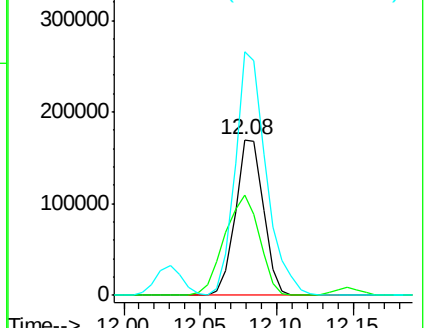
150 172.6 0.0 347.2



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: 55.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002852.D

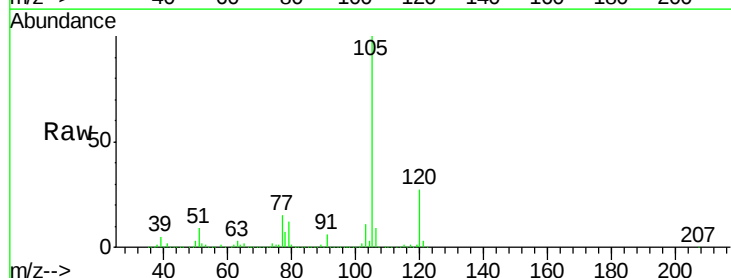
Acq: 23 Jun 2018 00:51

Tgt Ion:105 Resp: 791839

Ion Ratio Lower Upper

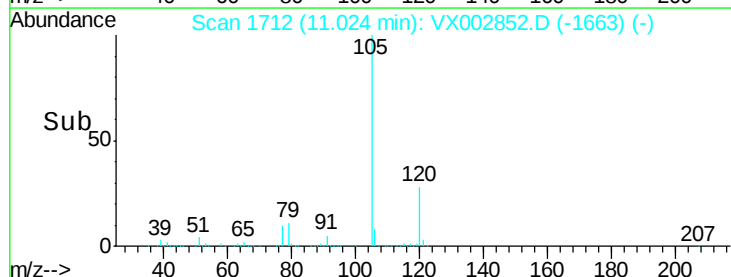
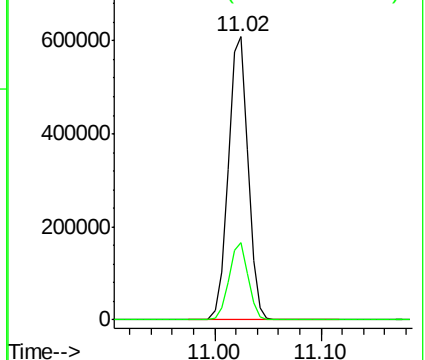
105 100

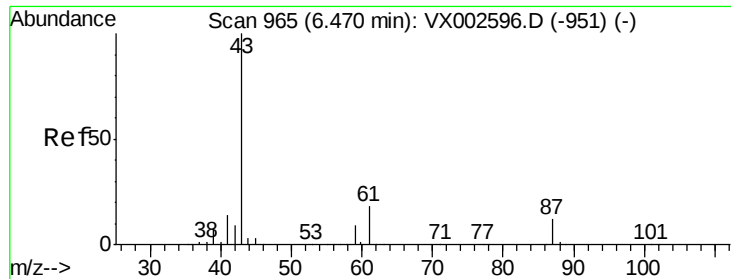
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.16 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

Tot Ion: 43 Resp: 337014

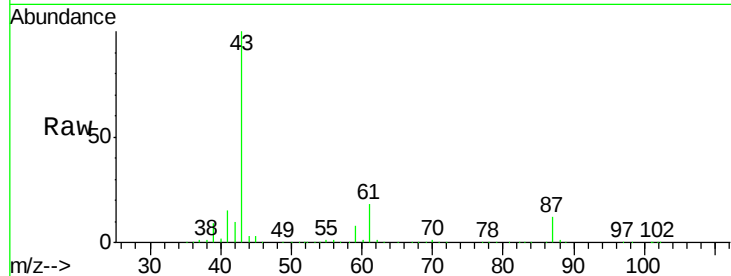
Ion Ratio Lower Upper

43 100

70 1.0 0.0 0.0#

55 1.3 0.0 0.0#

61 18.3 14.4 21.6

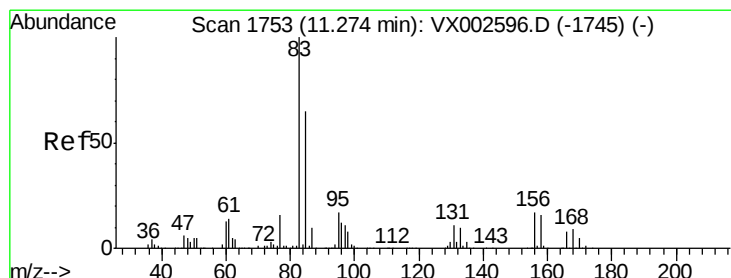
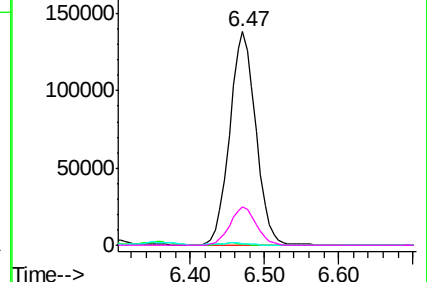
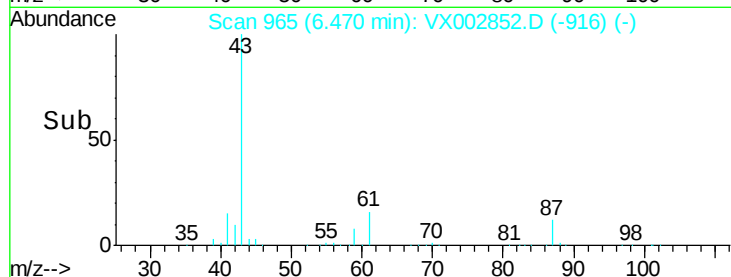


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 55.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

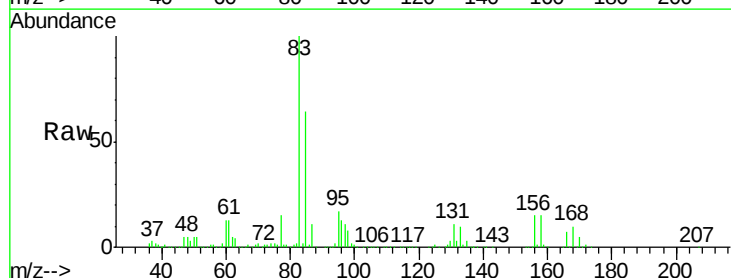
Tgt Ion: 83 Resp: 237019

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

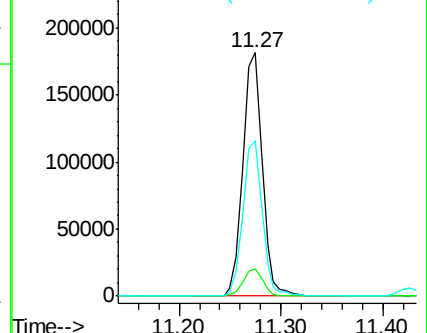
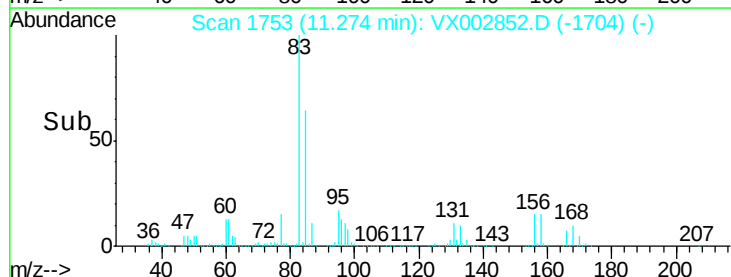
85 63.9 32.4 97.2

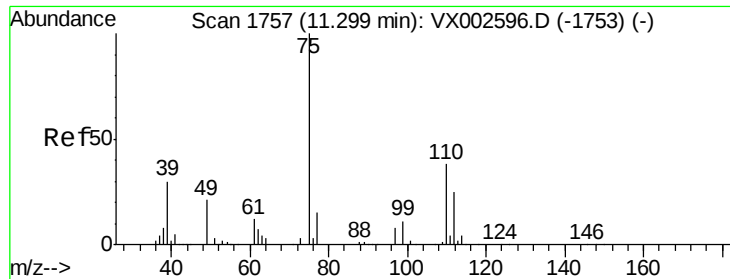


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.14 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

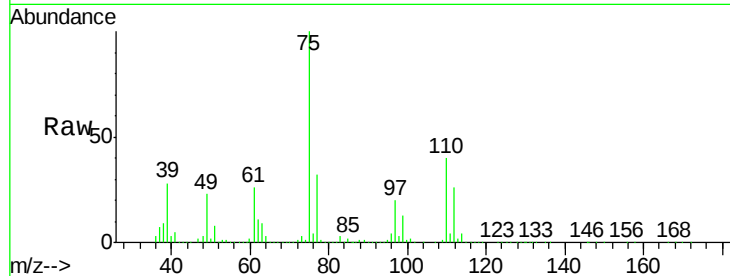
S83-0020MS

Tot Ion: 75 Resp: 252148

Ion Ratio Lower Upper

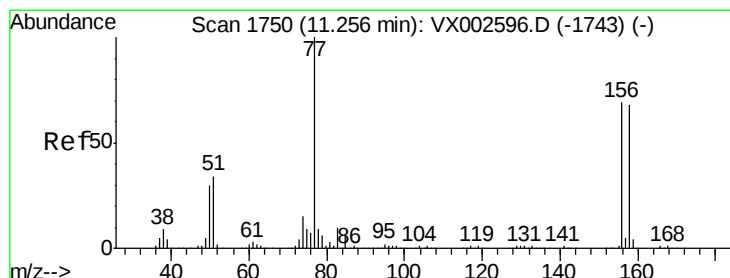
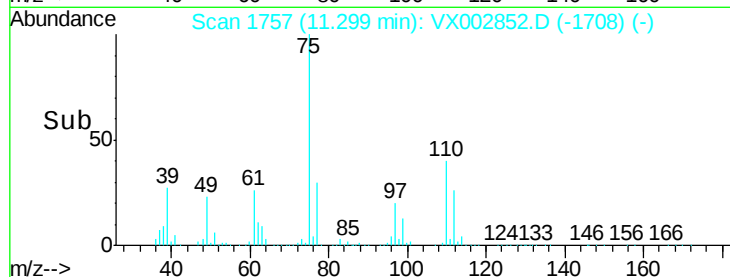
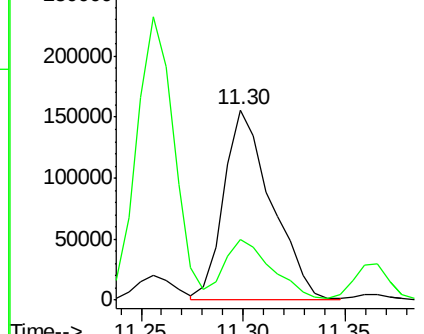
75 100

77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 52.90 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

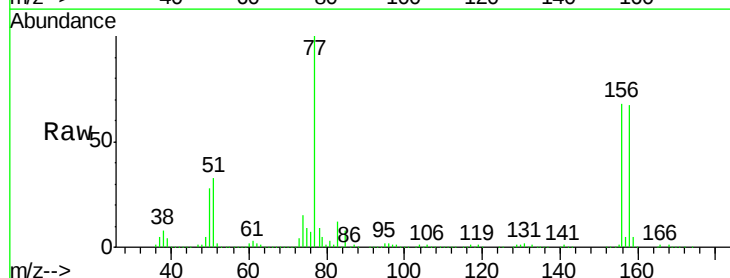
Tgt Ion: 156 Resp: 211980

Ion Ratio Lower Upper

156 100

77 139.0 71.4 214.2

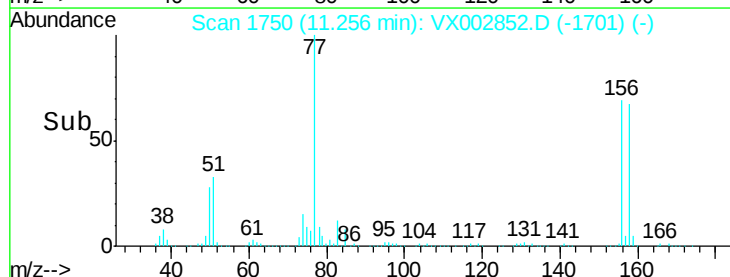
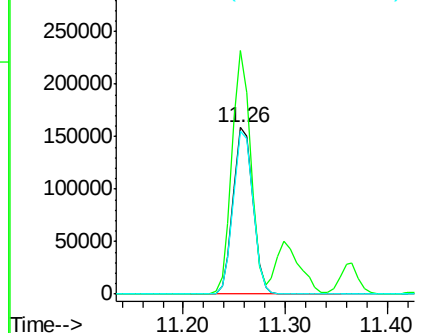
158 97.5 48.9 146.6

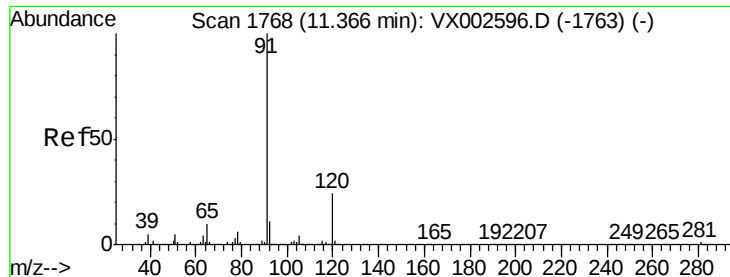


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 54.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

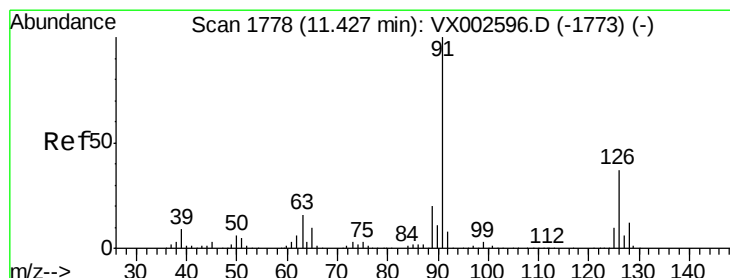
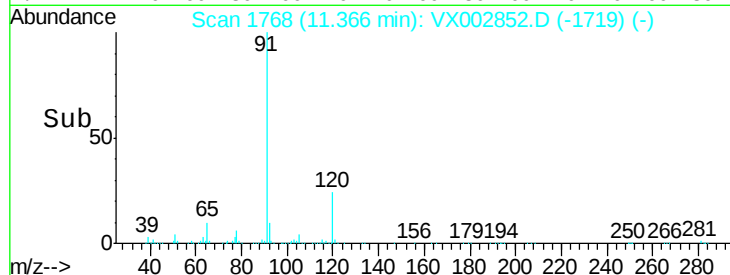
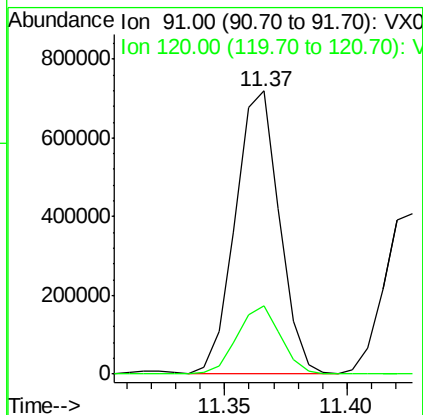
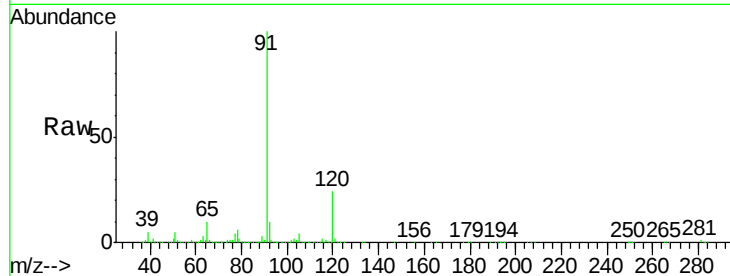
S83-0020MS

Tot Ion: 91 Resp: 894097

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4



#79

2-Chlorotoluene

Concen: 52.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002852.D

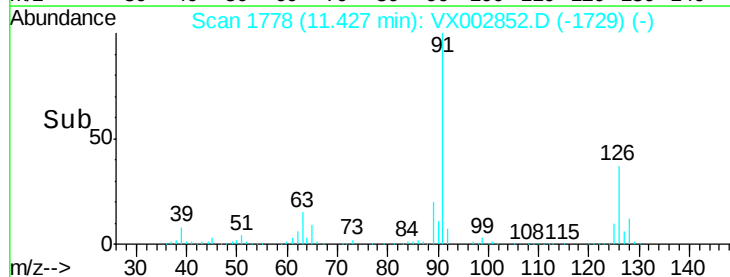
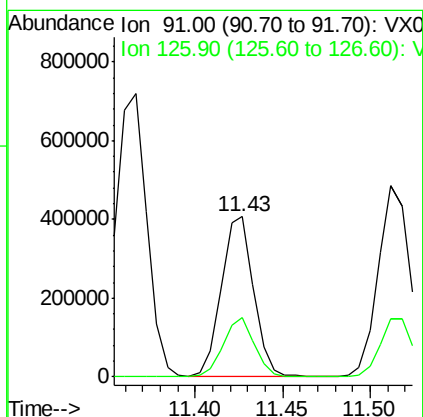
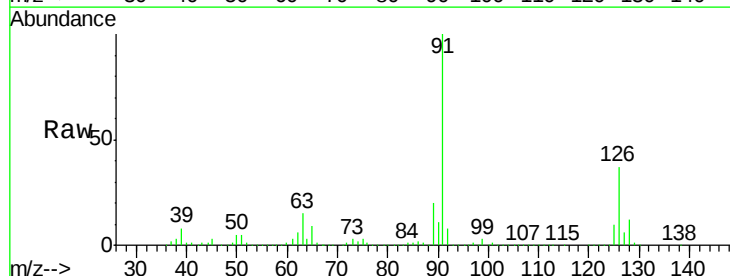
Acq: 23 Jun 2018 00:51

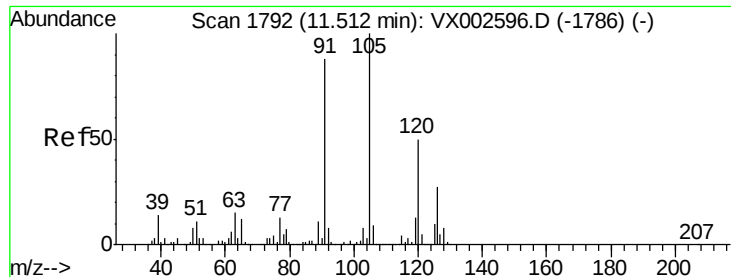
Tgt Ion: 91 Resp: 517604

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1





#80

1,3,5-Trimethylbenzene

Concen: 53.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

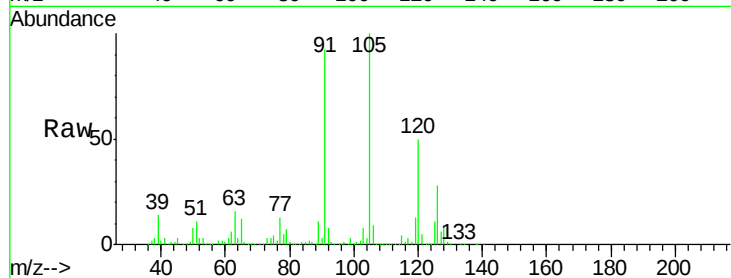
S83-0020MS

Tot Ion:105 Resp: 647830

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

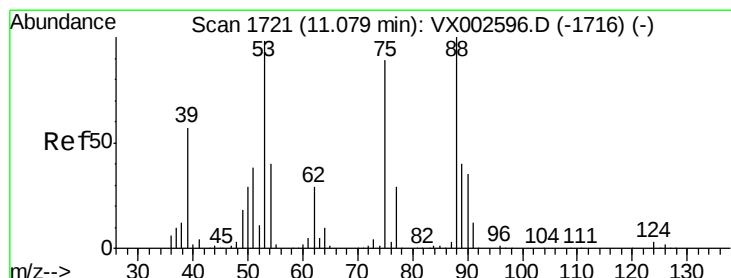
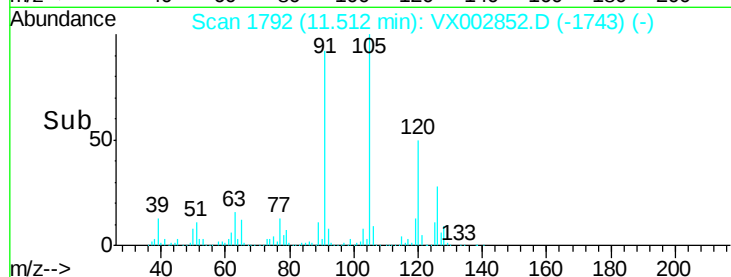
0

11.45

11.50

11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 40.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

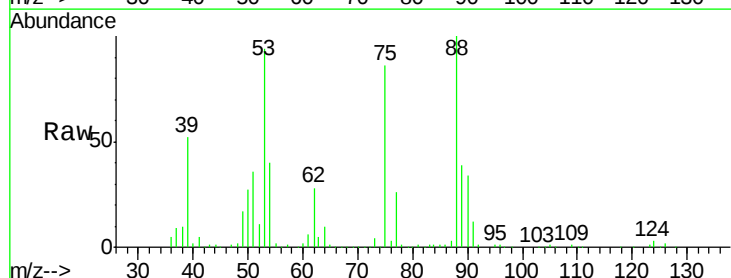
Tgt Ion: 75 Resp: 49804

Ion Ratio Lower Upper

75 100

53 113.9 86.8 130.2

89 47.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

60000

40000

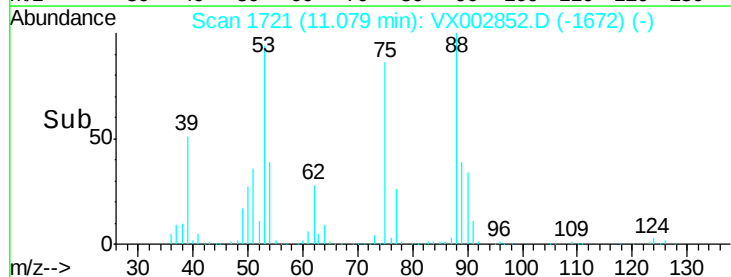
20000

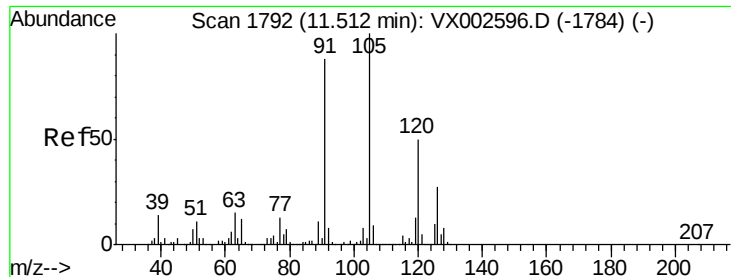
0

11.05

11.10

Time-->





#82

4-Chlorotoluene

Concen: 52.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

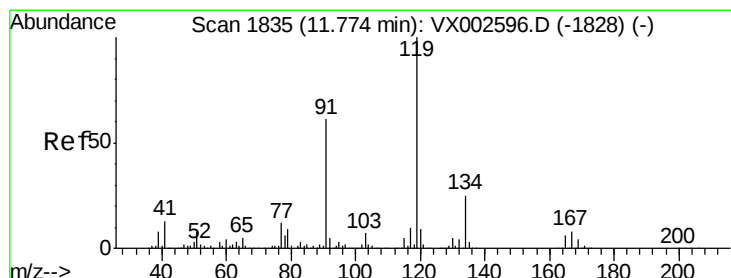
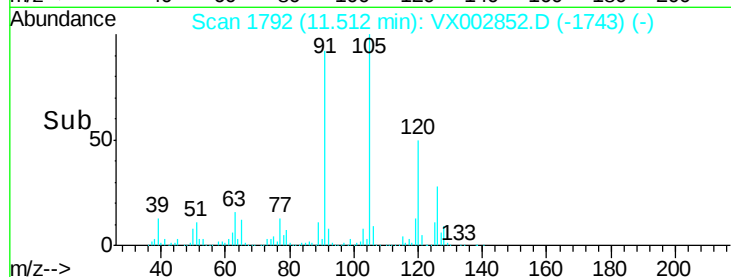
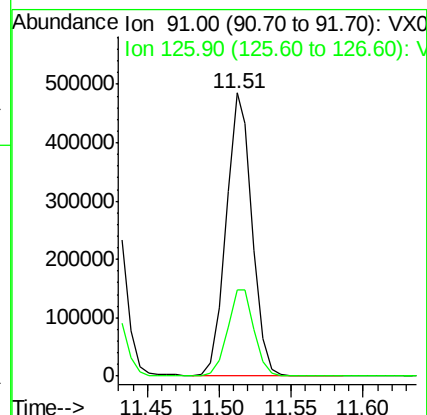
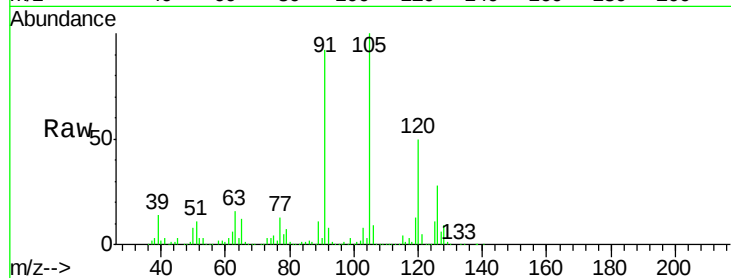
S83-0020MS

Tot Ion: 91 Resp: 611755

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4



#83

tert-Butylbenzene

Concen: 56.86 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

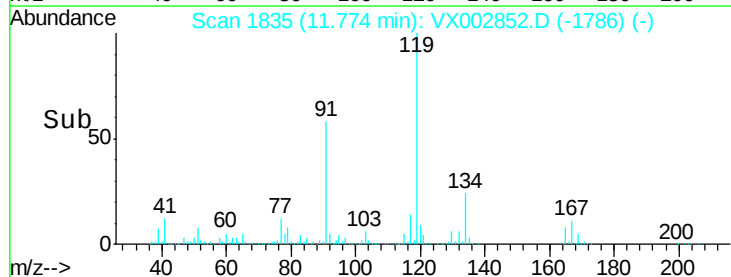
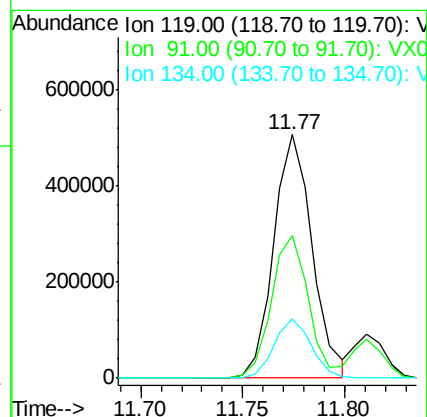
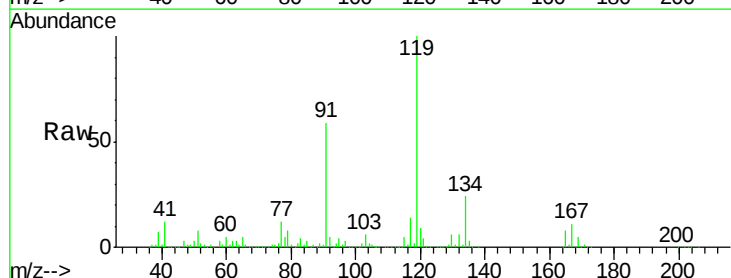
Tgt Ion: 119 Resp: 665850

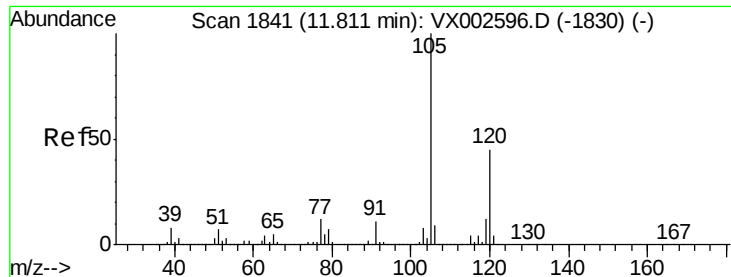
Ion Ratio Lower Upper

119 100

91 55.7 30.3 90.9

134 23.4 11.7 35.1

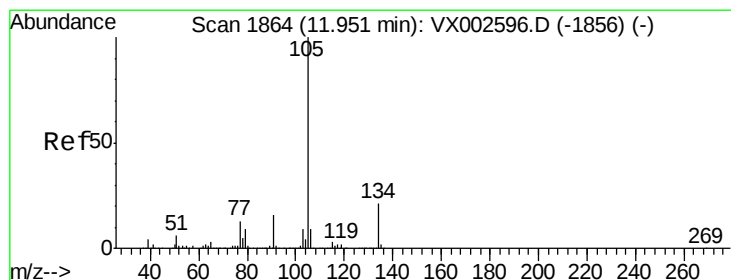
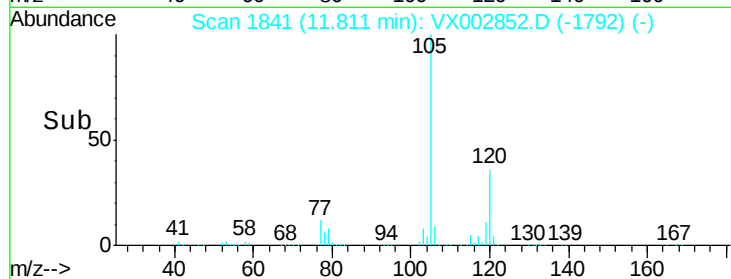
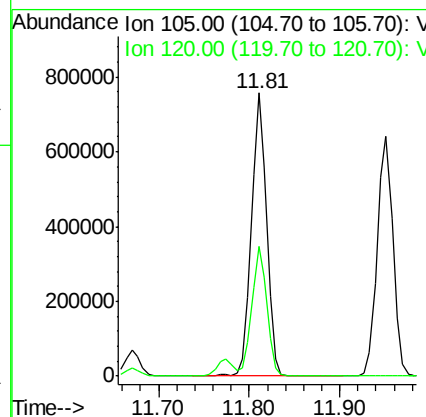
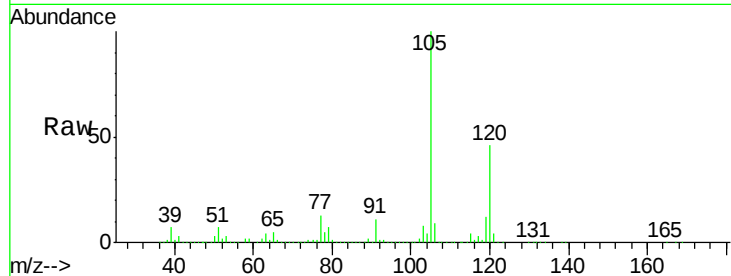




#84
 1,2,4-Trimethylbenzene
 Concen: 70.71 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

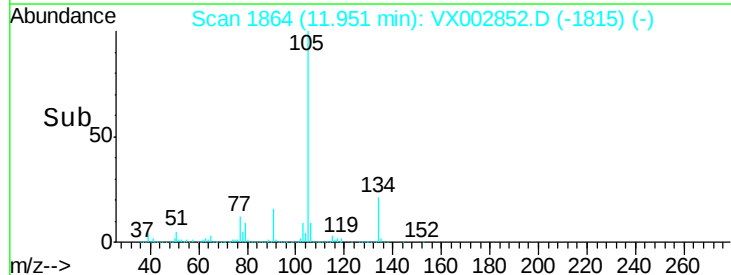
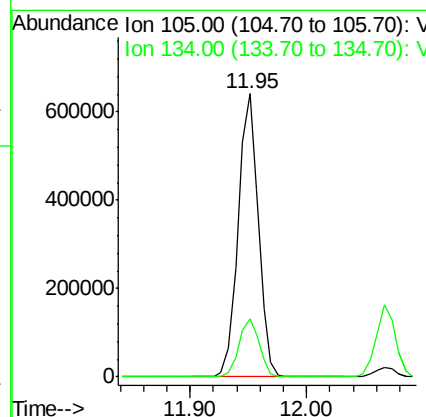
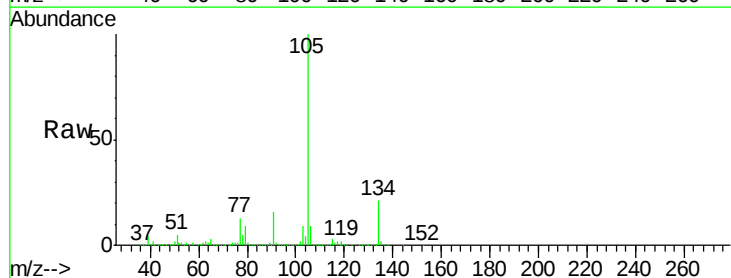
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

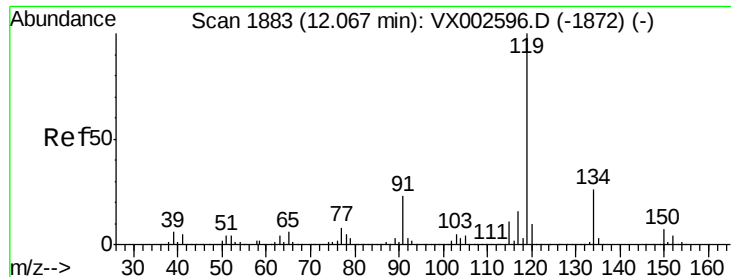
Tot Ion:105 Resp: 877067
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 53.17 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Tgt Ion:105 Resp: 774216
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

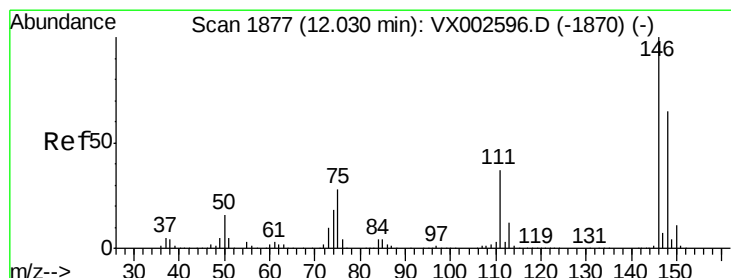
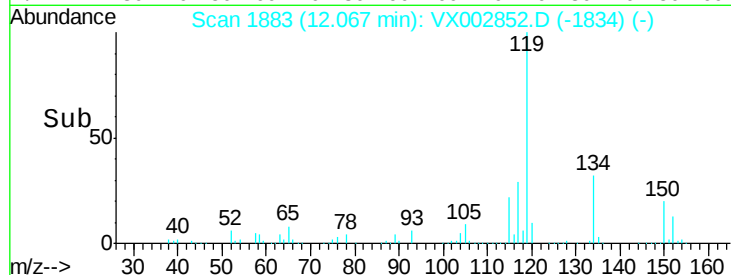
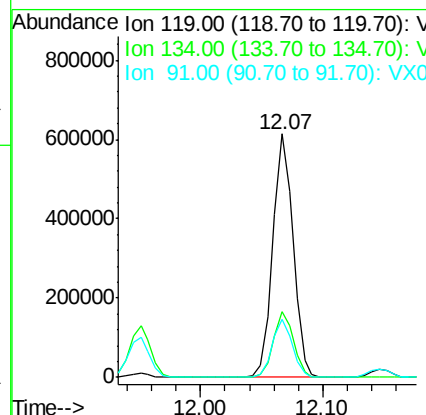
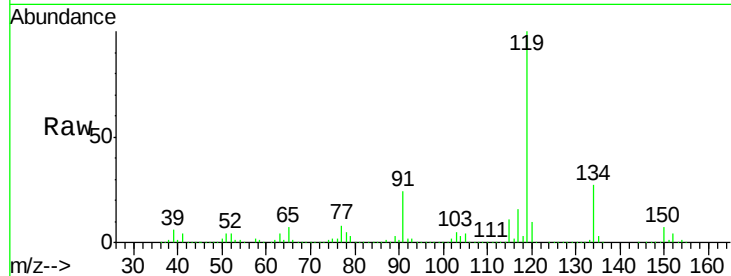




#86
p-Isopropyltoluene
Concen: 53.83 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

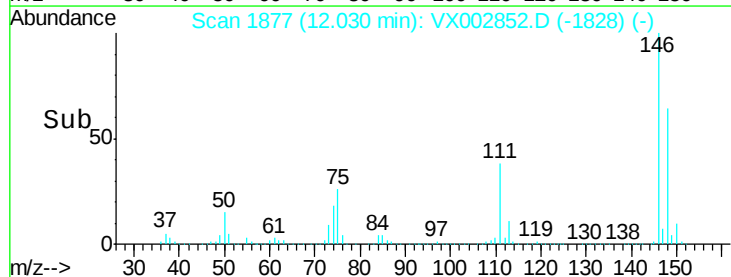
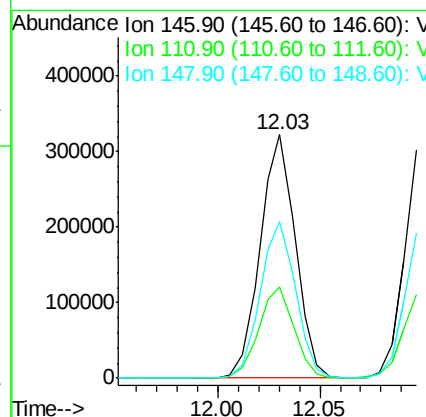
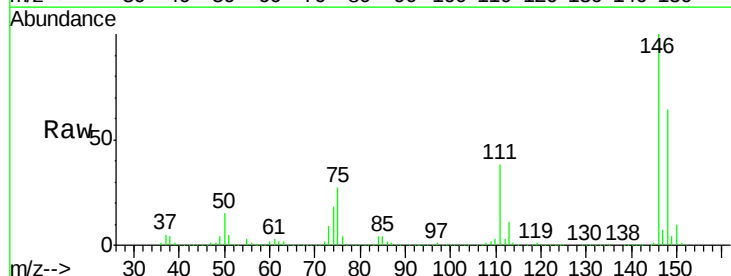
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MS

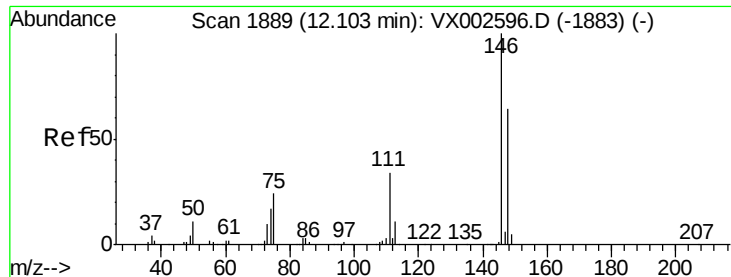
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	23.6	11.9	35.7



#87
1,3-Dichlorobenzene
Concen: 52.82 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002852.D
Acq: 23 Jun 2018 00:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.6	32.1	96.3

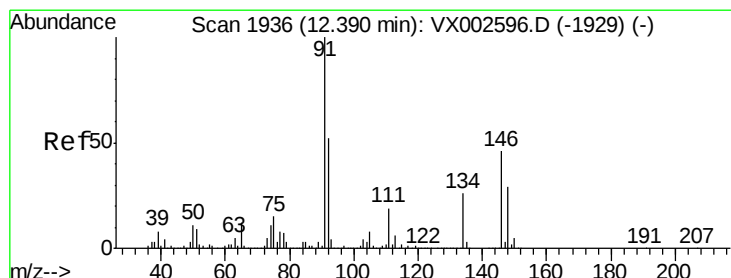
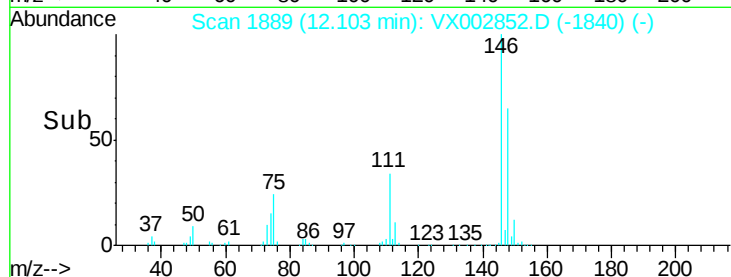
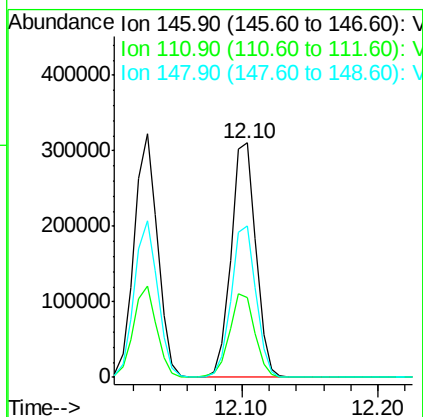
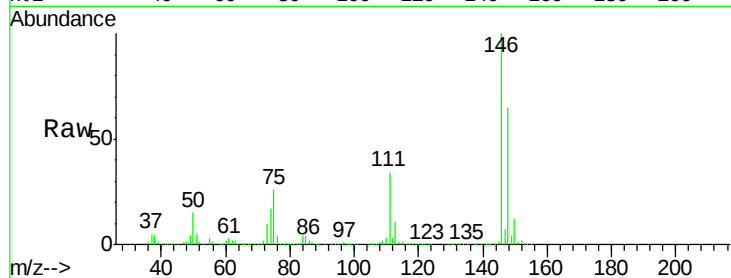




#88
 1,4-Dichlorobenzene
 Concen: 52.59 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

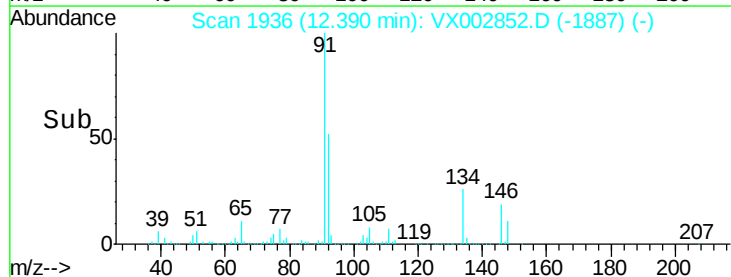
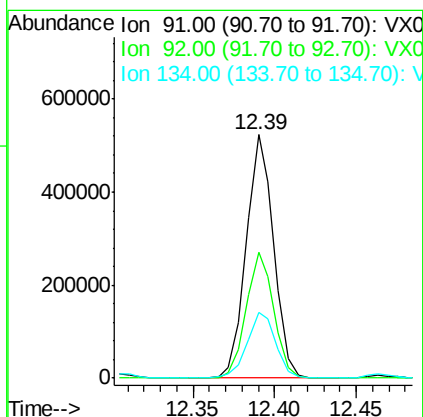
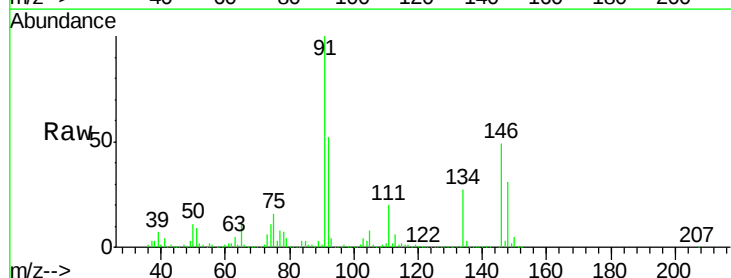
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

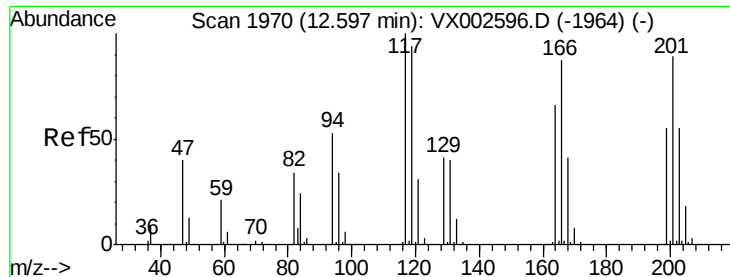
Tot Ion:146 Resp: 393174
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.7 56.1
 148 64.5 32.4 97.0



#89
 n-Butylbenzene
 Concen: 52.75 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Tgt Ion: 91 Resp: 613045
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.0 78.0
 134 28.3 13.5 40.5





#90

Hexachloroethane

Concen: 52.11 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

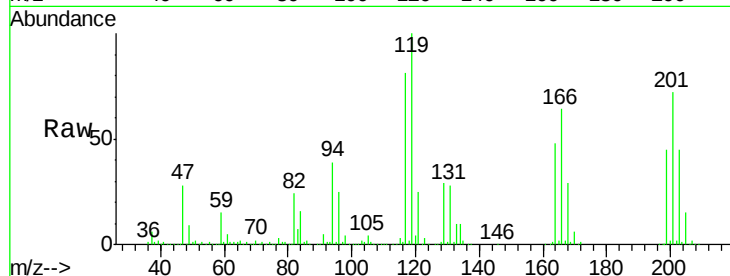
S83-0020MS

Tot Ion:117 Resp: 107249

Ion Ratio Lower Upper

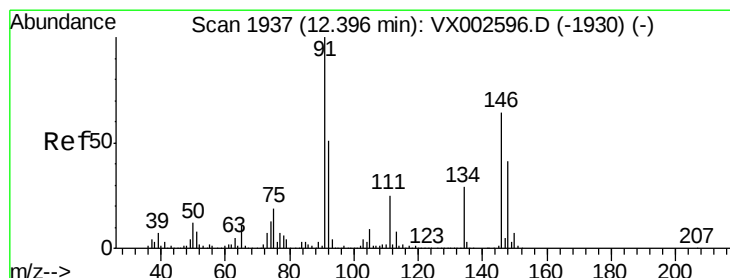
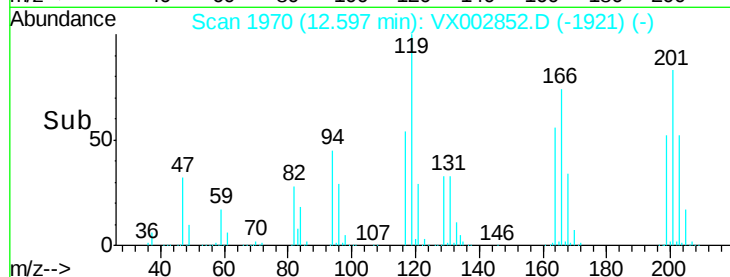
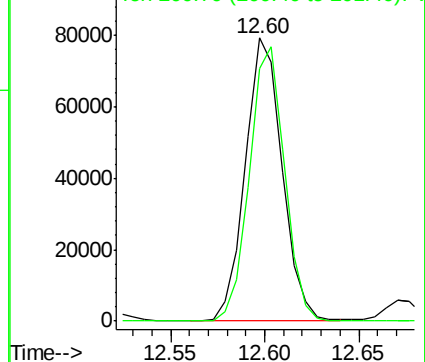
117 100

201 92.6 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: 52.75 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

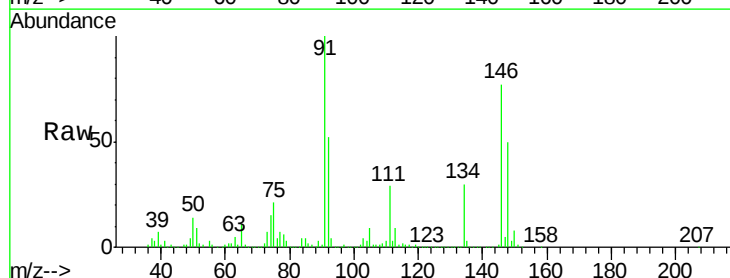
Tgt Ion:146 Resp: 390105

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

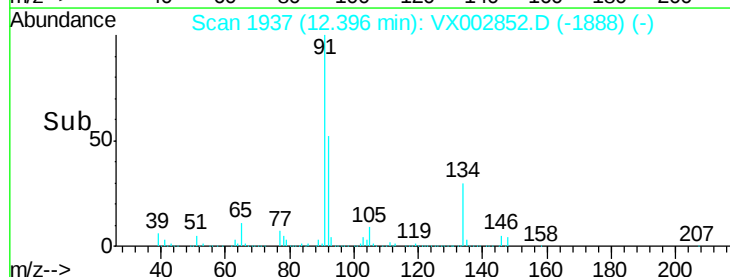
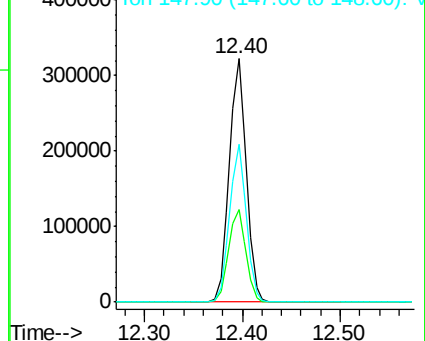
148 64.2 31.7 95.1

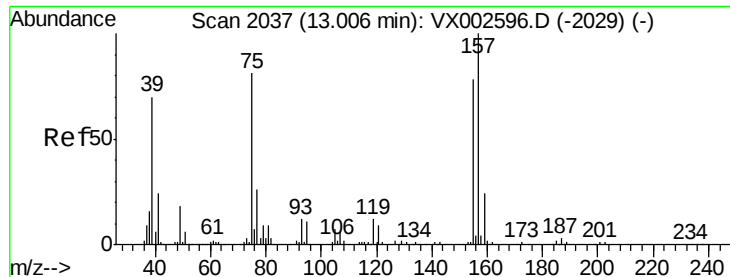


Abundance Ion 145.90 (145.60 to 146.60): V

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: 61.74 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

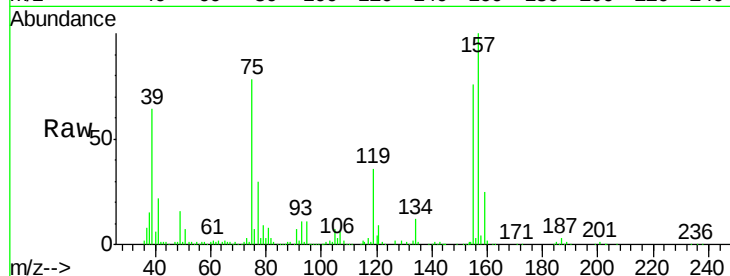
Tot Ion: 75 Resp: 54925

Ion Ratio Lower Upper

75 100

155 91.5 45.8 137.4

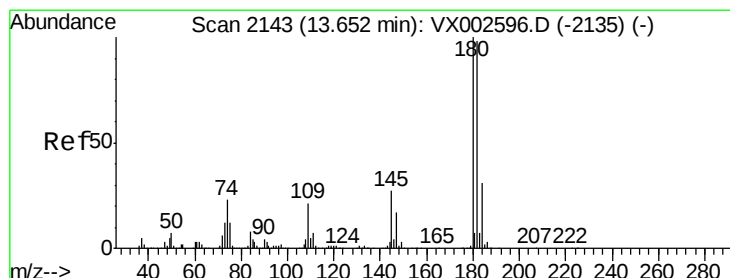
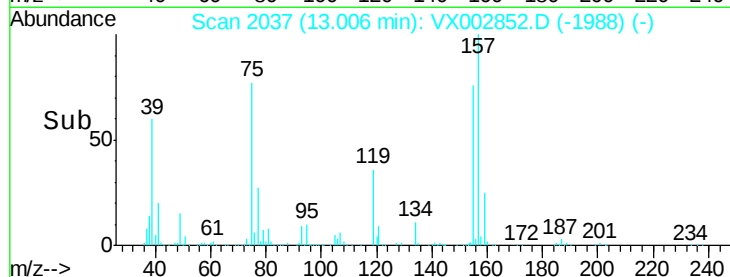
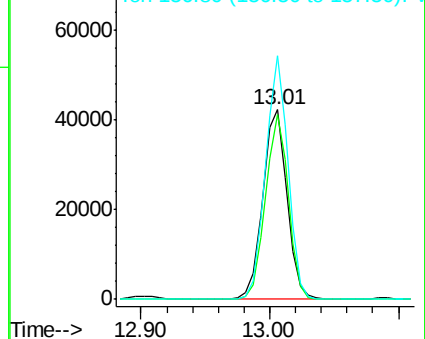
157 118.5 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 54.47 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

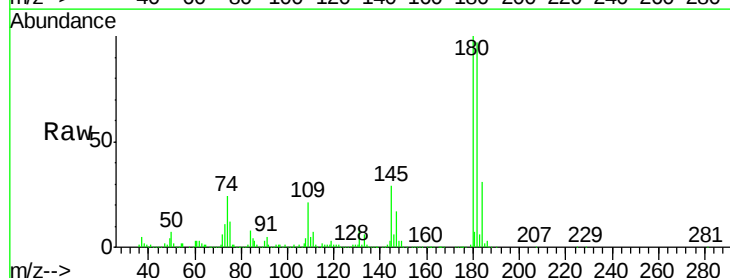
Tgt Ion:180 Resp: 292373

Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

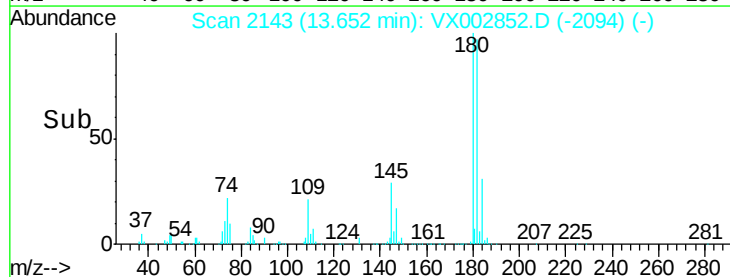
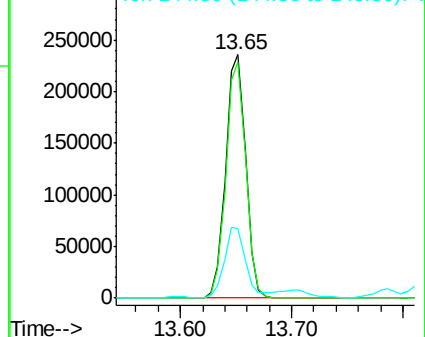
145 30.4 14.1 42.4

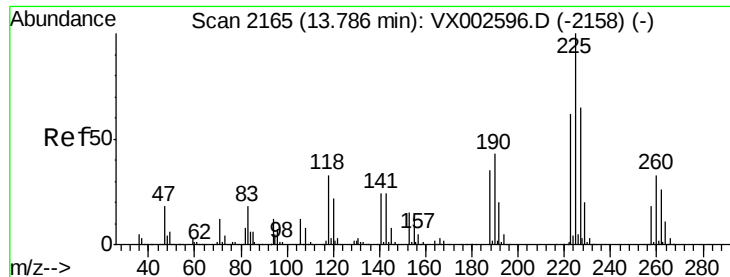


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.95 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MS

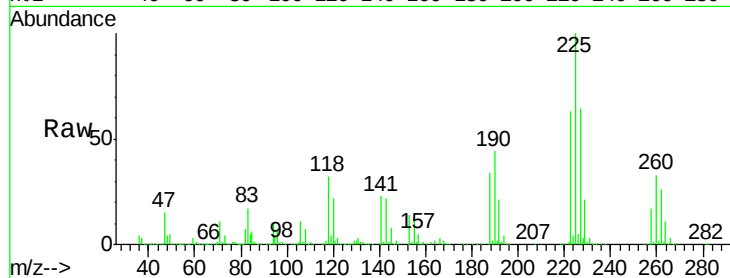
Tot Ion:225 Resp: 138418

Ion Ratio Lower Upper

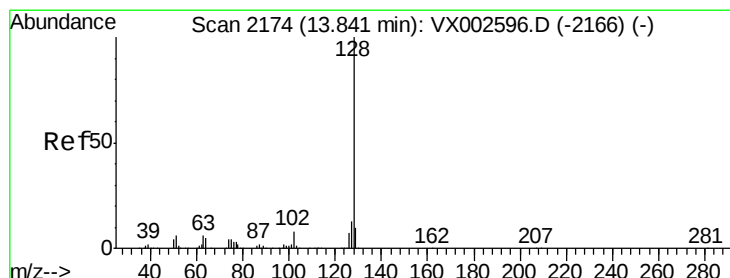
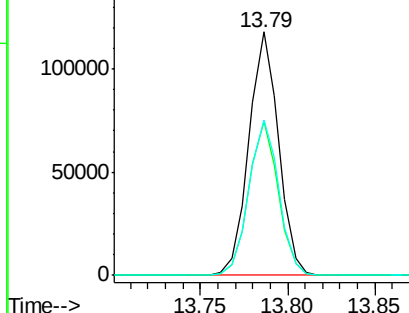
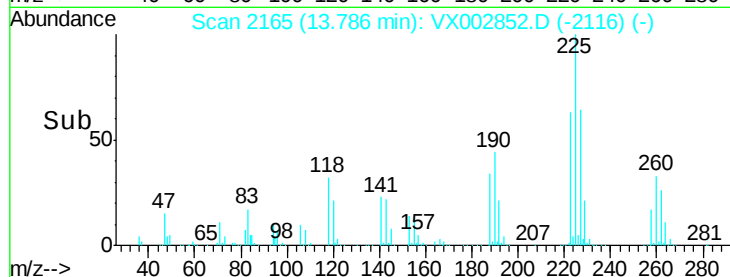
225 100

223 62.8 31.6 95.0

227 64.2 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: 61.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002852.D

Acq: 23 Jun 2018 00:51

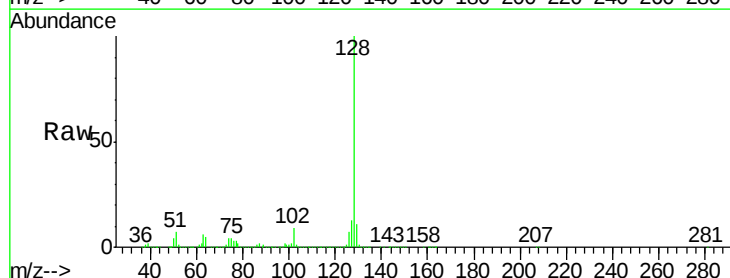
Tgt Ion:128 Resp: 882583

Ion Ratio Lower Upper

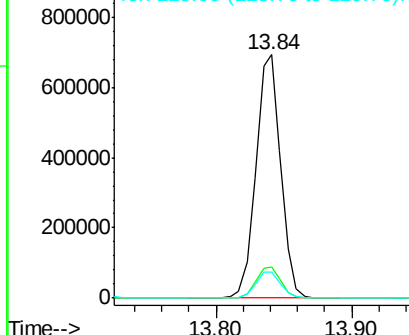
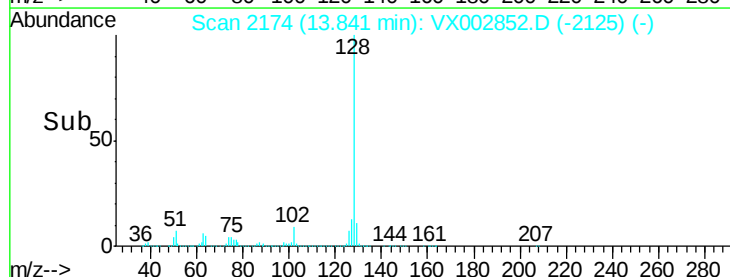
128 100

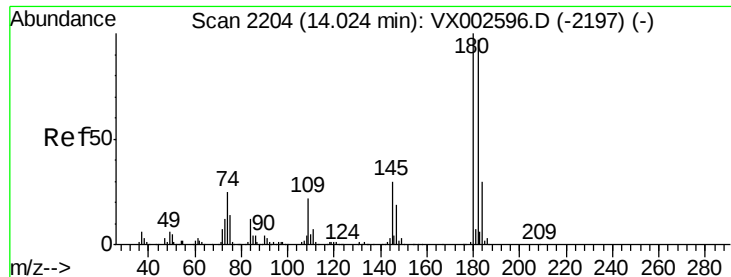
127 13.0 10.4 15.6

129 11.1 8.6 13.0



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

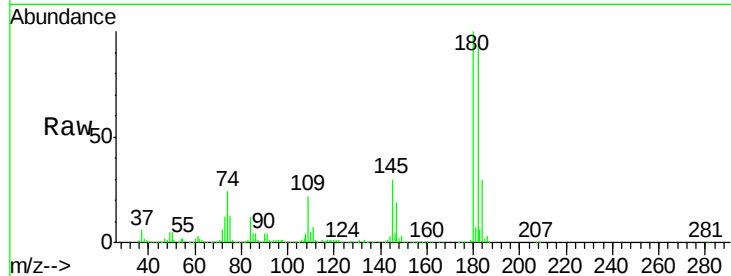




#96
 1,2,3-Trichlorobenzene
 Concen: 55.35 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002852.D
 Acq: 23 Jun 2018 00:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	33.7	14.8	44.3



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

