

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002853.D
 Acq On : 23 Jun 2018 01:17
 Operator : JC/MD
 Sample : J3631-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Quant Time: Jun 23 01:54:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200079	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	153611	42.62	ug/l	0.00
Spiked Amount			Recovery	=	85.24%	
35) Dibromofluoromethane	5.51	113	124984	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
50) Toluene-d8	8.72	98	431445	42.84	ug/l	0.00
Spiked Amount			Recovery	=	85.68%	
62) 4-Bromofluorobenzene	11.14	95	176493	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	115632	45.92	ug/l	100
3) Chloromethane	1.32	50	123145	41.11	ug/l	98
4) Vinyl Chloride	1.40	62	137428	44.22	ug/l	92
5) Bromomethane	1.64	94	90416	48.21	ug/l	99
6) Chloroethane	1.72	64	90948	44.40	ug/l	100
7) Trichlorofluoromethane	1.93	101	241223	47.77	ug/l	98
8) Diethyl Ether	2.19	74	87960	45.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	132381	46.90	ug/l	99
10) Methyl Iodide	2.51	142	145152	39.34	ug/l	99
11) Tert butyl alcohol	3.08	59	156720	210.34	ug/l	99
12) 1,1-Dichloroethene	2.37	96	122329	46.16	ug/l	96
13) Acrolein	2.30	56	58594	170.00	ug/l	100
14) Allyl chloride	2.73	41	237417	45.12	ug/l	99
15) Acrylonitrile	3.15	53	377184	231.98	ug/l	99
16) Acetone	2.45	43	355117	223.32	ug/l	100
17) Carbon Disulfide	2.57	76	325059	51.72	ug/l	98
18) Methyl Acetate	2.78	43	199280	47.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	456014	45.87	ug/l	99
20) Methylene Chloride	2.86	84	139910	42.91	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	132557	46.11	ug/l	99
22) Diisopropyl ether	3.87	45	469473	49.31	ug/l	95
23) Vinyl Acetate	3.83	43	1823808	228.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	248759	48.14	ug/l	98
25) 2-Butanone	4.71	43	527249	252.48	ug/l	97
26) 2,2-Dichloropropane	4.59	77	153927	41.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151172	51.68	ug/l	95
28) Bromochloromethane	5.03	49	114567	47.35	ug/l	95
29) Tetrahydrofuran	5.17	42	342294	250.10	ug/l	96
30) Chloroform	5.22	83	261030	52.39	ug/l	95
31) Cyclohexane	5.58	56	239132	56.21	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	230725	55.37	ug/l	99
36) 1,1-Dichloropropene	5.80	75	188301	53.34	ug/l	99
37) Ethyl Acetate	4.87	43	193569	48.45	ug/l	100
38) Carbon Tetrachloride	5.79	117	206881	58.86	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227729	55.18	ug/l	99
40) Benzene	6.15	78	558724	52.79	ug/l	100
41) Methacrylonitrile	5.07	41	120344	53.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	221371	54.02	ug/l	100
43) Isopropyl Acetate	6.47	43	332213	50.19	ug/l	99
44) Trichloroethene	7.21	130	163229	53.43	ug/l	99
45) 1,2-Dichloropropane	7.52	63	145367	52.18	ug/l	100
46) Dibromomethane	7.67	93	103101	55.33	ug/l	98
47) Bromodichloromethane	7.90	83	193169	58.77	ug/l	98
48) Methyl methacrylate	7.78	41	186096	55.01	ug/l	98
49) 1,4-Dioxane	7.76	88	60229	940.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1121633	263.89	ug/l	99
52) Toluene	8.79	92	366744	54.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	213236	49.06	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	200802	48.49	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148581	54.46	ug/l	100
56) Ethyl methacrylate	9.18	69	227017	54.07	ug/l	96
57) 1,3-Dichloropropane	9.38	76	244895	53.07	ug/l	100
59) 2-Hexanone	9.50	43	852454	266.16	ug/l	98
60) Dibromochloromethane	9.59	129	159348	51.78	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157357	55.69	ug/l	99
64) Tetrachloroethene	9.34	164	163779	46.68	ug/l	98
65) Chlorobenzene	10.14	112	430094	55.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	156982	59.32	ug/l	99
67) Ethyl Benzene	10.26	91	893292	68.23	ug/l	99
68) m/p-Xylenes	10.36	106	575968	114.05	ug/l	99
69) o-Xylene	10.70	106	276122	55.65	ug/l	99
70) Stvrene	10.71	104	443082	54.30	ug/l	99
71) Bromoform	10.86	173	123985	51.32	ug/l	100
73) Isopropylbenzene	11.02	105	754567	56.39	ug/l	100
74) N-amyl acetate	6.47	43	332213	49.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230644	58.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	245471	65.02	ug/l	80
77) Bromobenzene	11.26	156	206180	55.31	ug/l	97
78) n-propylbenzene	11.37	91	855629	55.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	500231	54.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	622114	55.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49174	42.37	ug/l	96
82) 4-Chlorotoluene	11.51	91	590949	54.66	ug/l	100
83) tert-Butylbenzene	11.77	119	636730	58.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	855868	74.17	ug/l	99
85) sec-Butylbenzene	11.95	105	739751	54.61	ug/l	99
86) p-Isopropyltoluene	12.07	119	680950	55.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	371539	54.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	379276	54.52	ug/l	99
89) n-Butylbenzene	12.39	91	586554	54.25	ug/l	99
90) Hexachloroethane	12.60	117	104840	54.62	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	377939	54.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53461	64.59	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	283055	56.68	ug/l	99

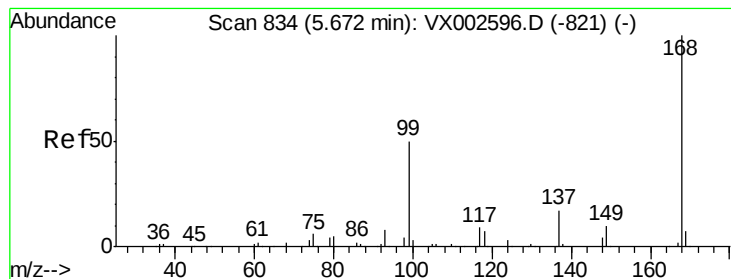
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	131652	50.04	ug/l	99
95) Naphthalene	13.84	128	864648	64.34	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	284806	56.78	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

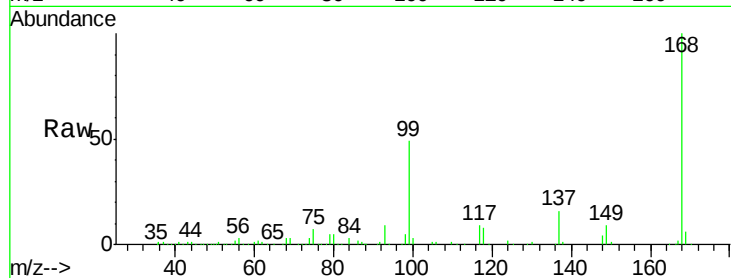
S83-0020MSD

Tot Ion:168 Resp: 237179

Ion Ratio Lower Upper

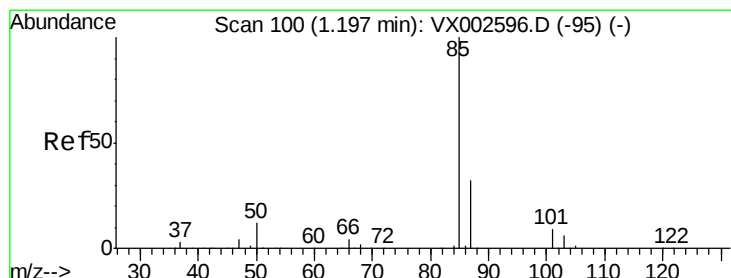
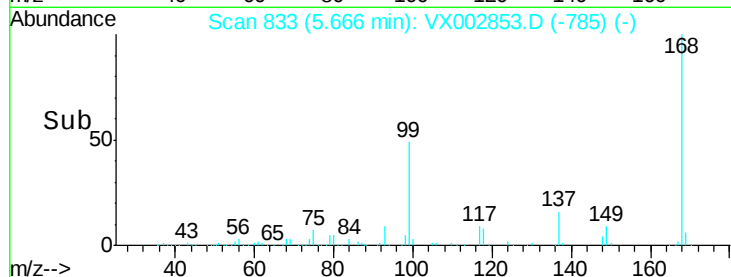
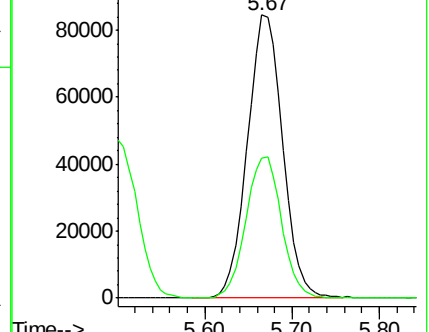
168 100

99 49.4 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: 45.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002853.D

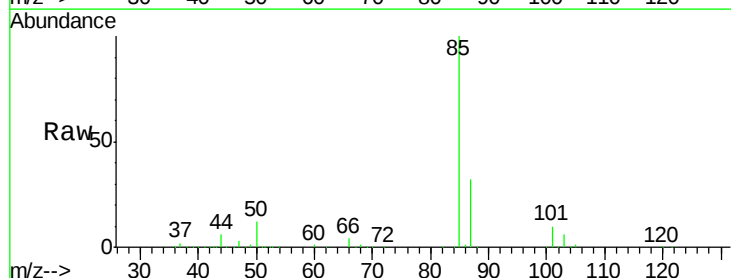
Acq: 23 Jun 2018 01:17

Tgt Ion: 85 Resp: 115632

Ion Ratio Lower Upper

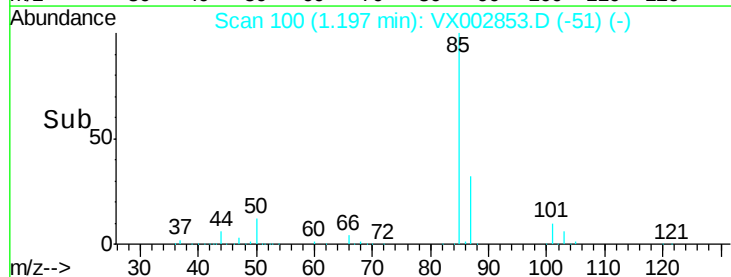
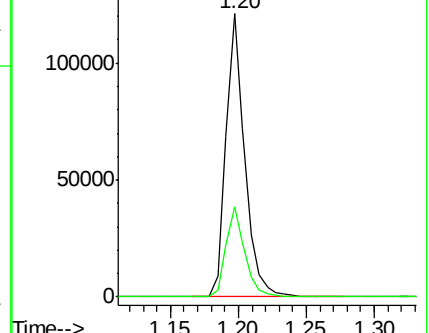
85 100

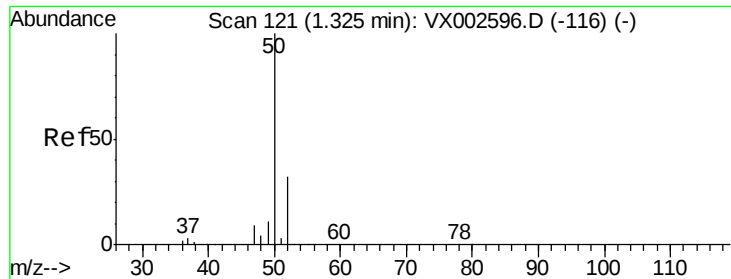
87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

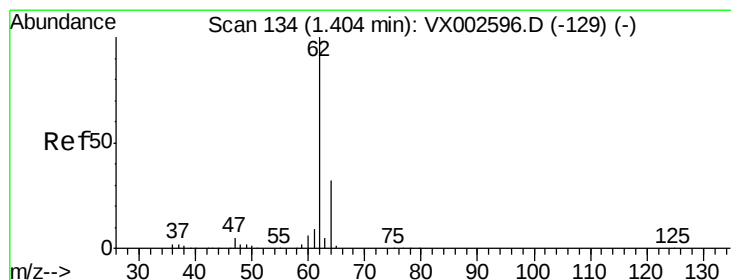
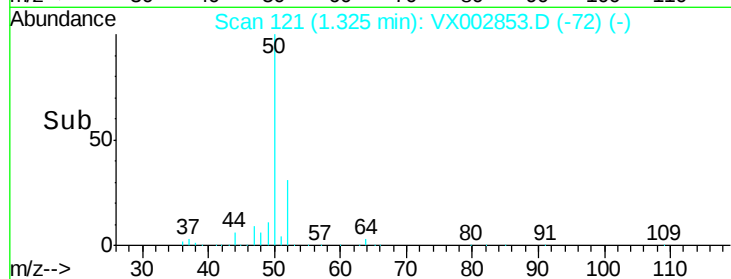
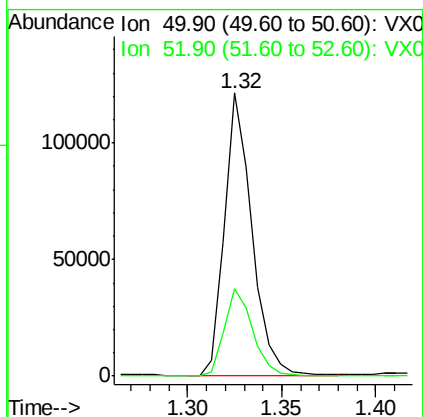
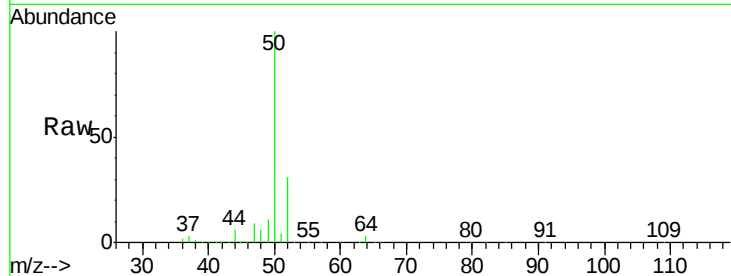




#3
Chloromethane
Concen: 41.11 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

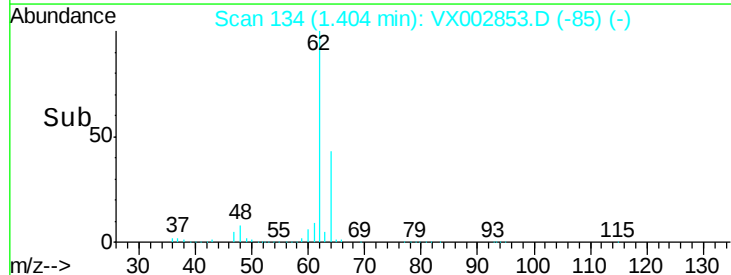
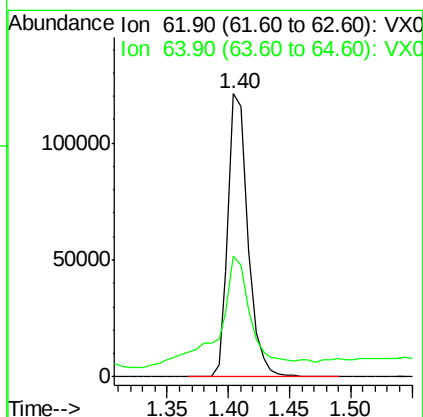
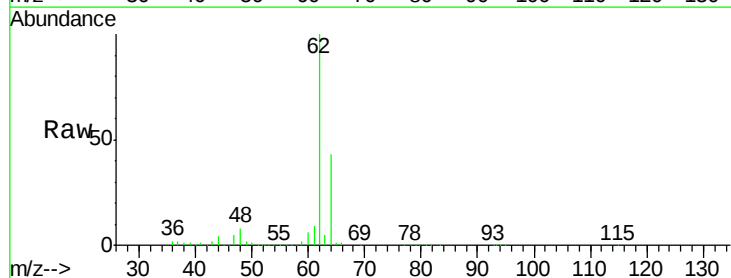
Instrument :
MSVOA_X
ClientSampled :
S83-0020MSD

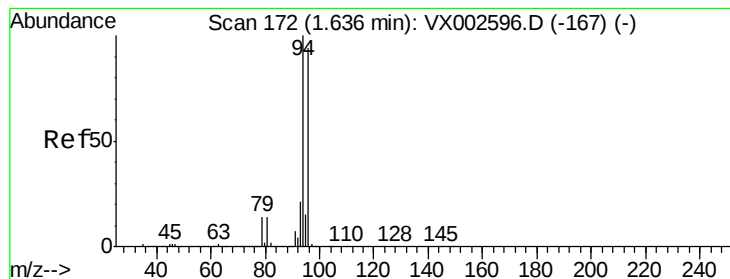
Tot Ion: 50 Resp: 123145
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5



#4
Vinyl Chloride
Concen: 44.22 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 62 Resp: 137428
Ion Ratio Lower Upper
62 100
64 36.4 25.4 38.2





#5

Bromomethane

Concen: 48.21 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

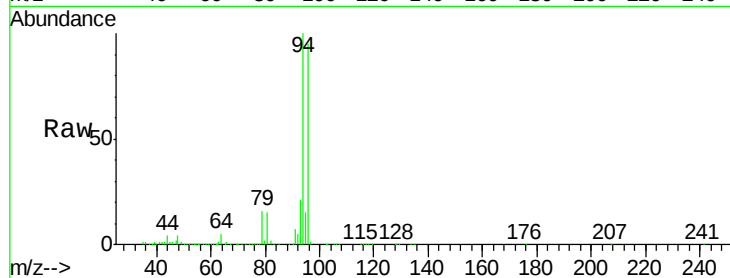
S83-0020MSD

Tot Ion: 94 Resp: 90416

Ion Ratio Lower Upper

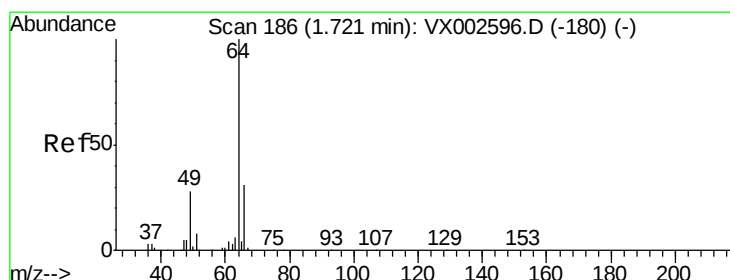
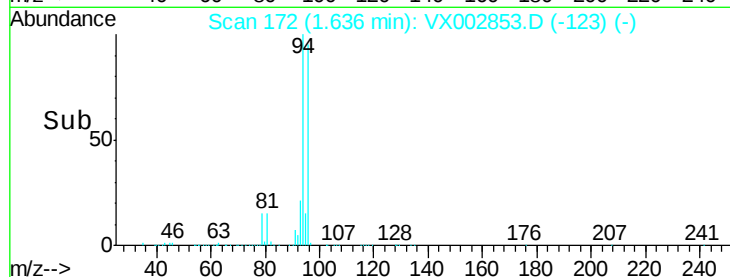
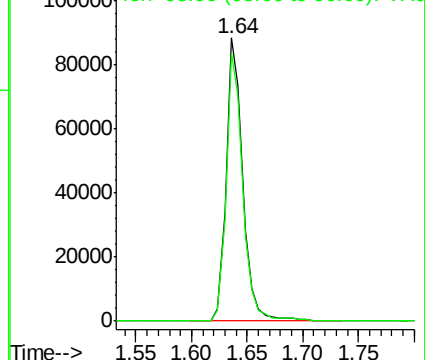
94 100

96 94.7 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: 44.40 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002853.D

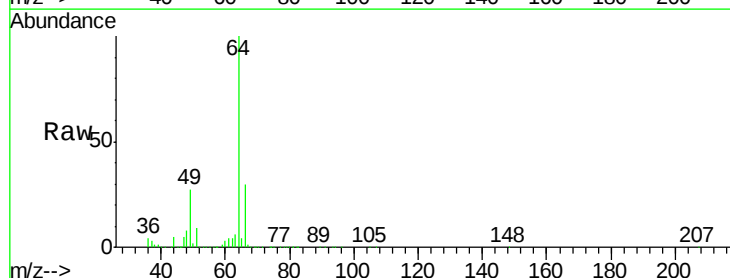
Acq: 23 Jun 2018 01:17

Tgt Ion: 64 Resp: 90948

Ion Ratio Lower Upper

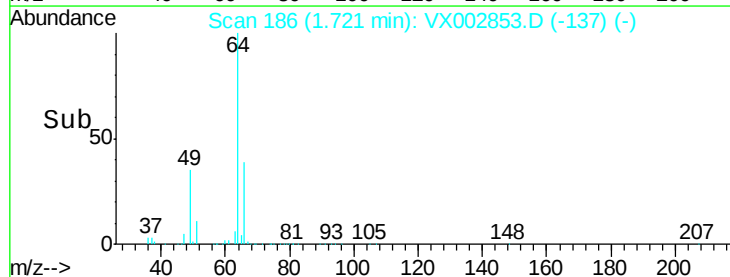
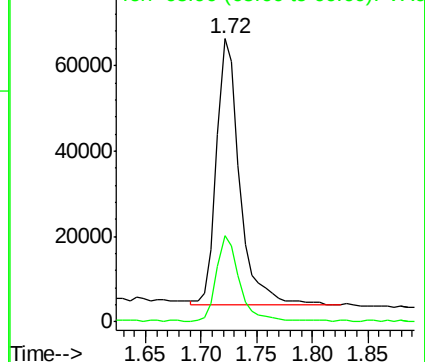
64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



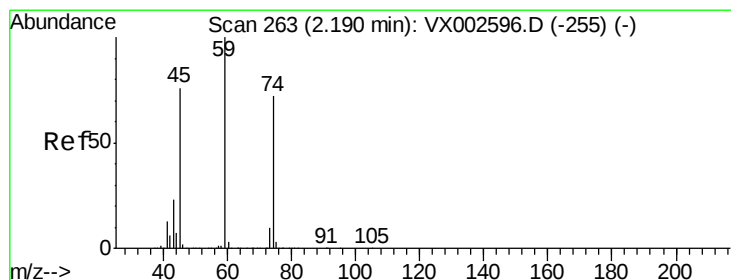
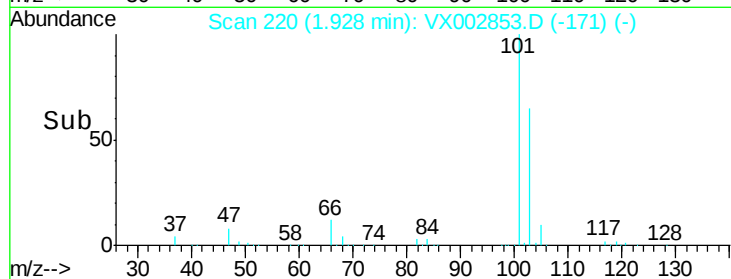
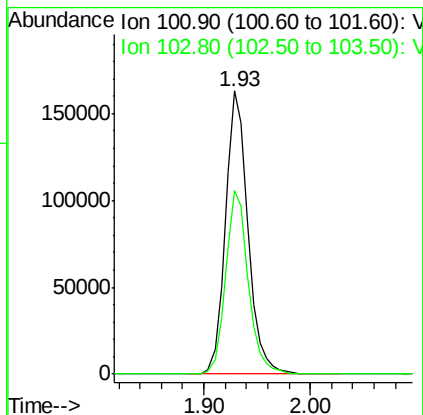
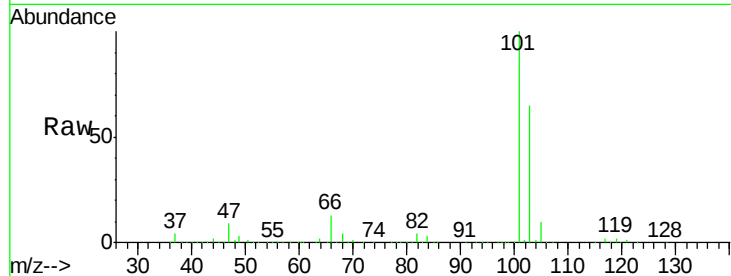


#7

Trichlorofluoromethane
 Concen: 47.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

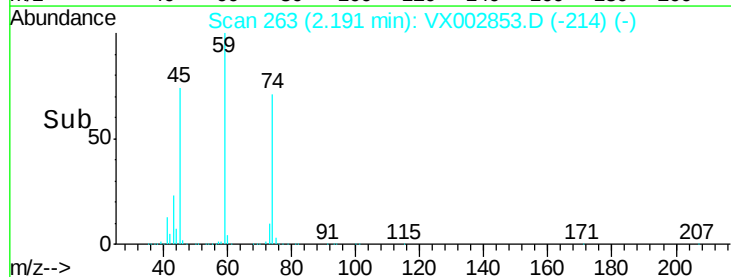
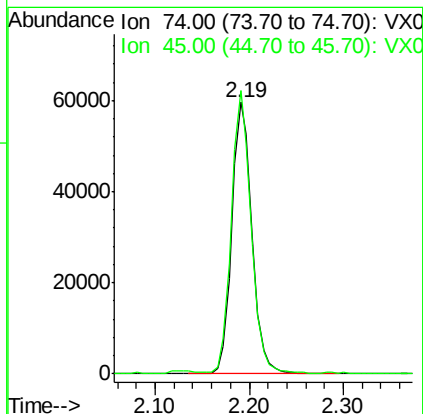
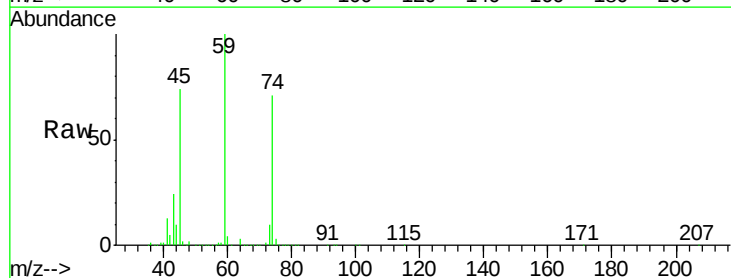
Tot Ion:101 Resp: 241223
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2

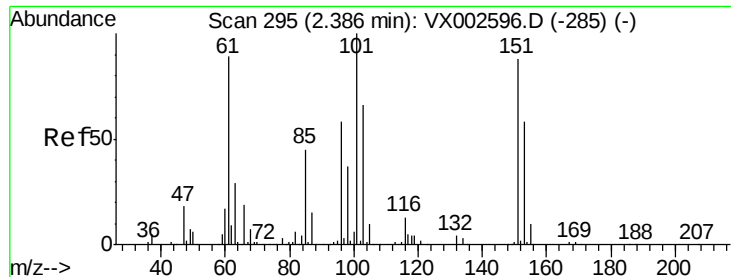


#8

Diethyl Ether
 Concen: 45.80 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion: 74 Resp: 87960
 Ion Ratio Lower Upper
 74 100
 45 101.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

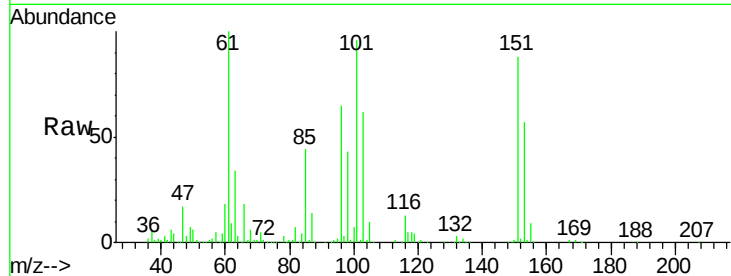
Tot Ion:101 Resp: 132381

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

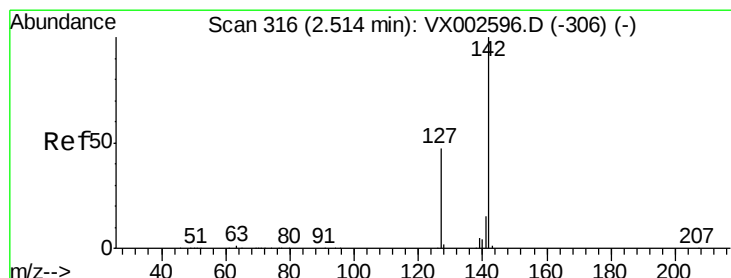
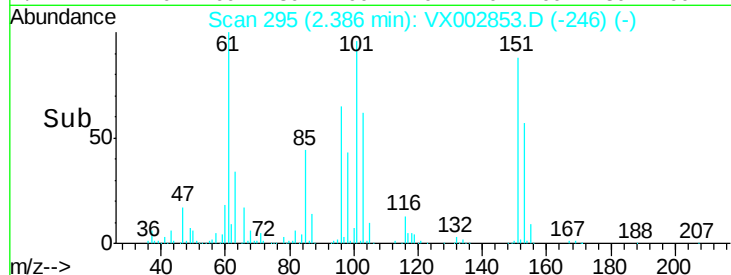
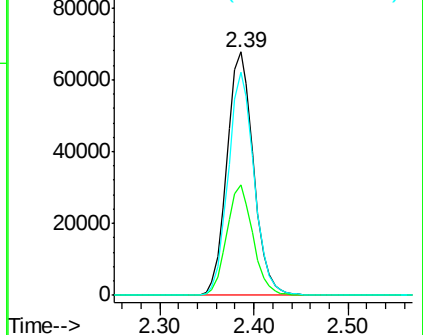
151 89.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

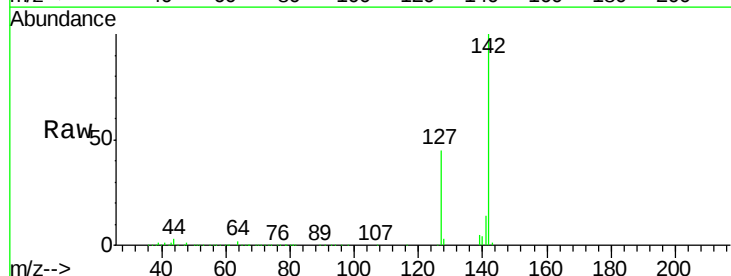
Tgt Ion:142 Resp: 145152

Ion Ratio Lower Upper

142 100

127 45.4 36.6 55.0

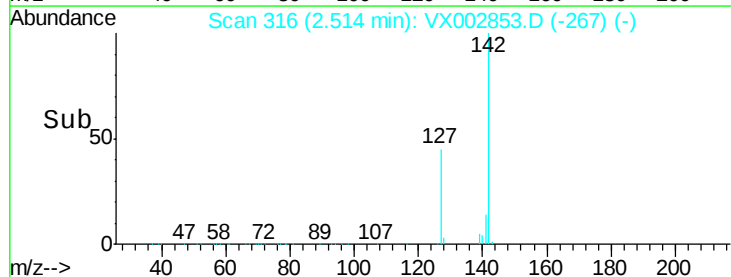
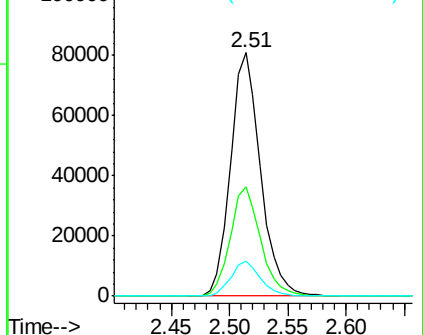
141 14.3 11.3 16.9

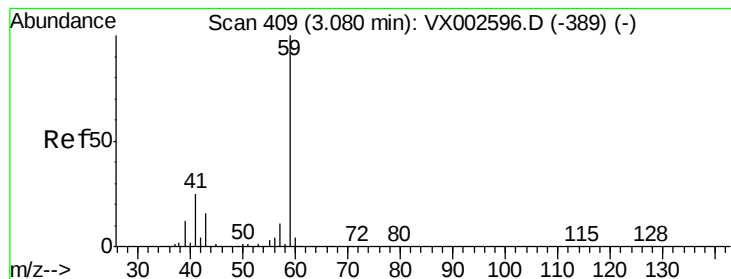


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



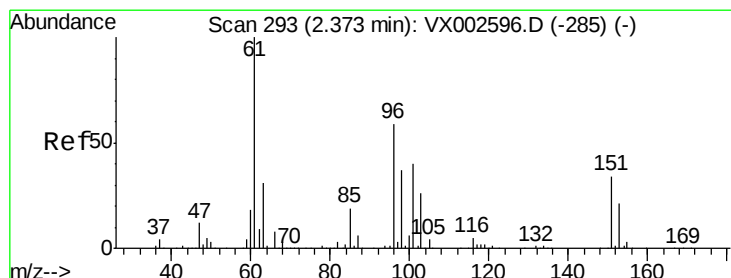
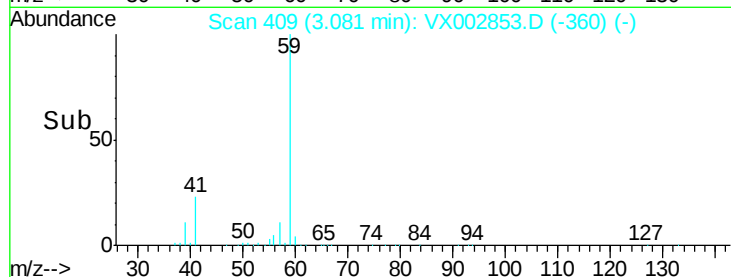
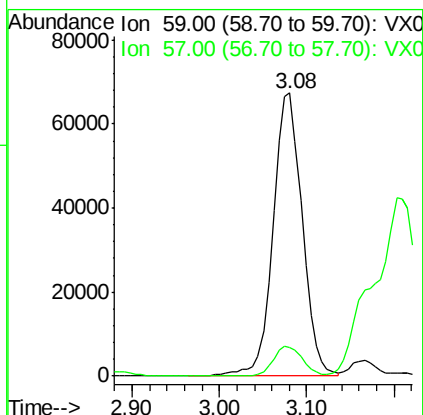
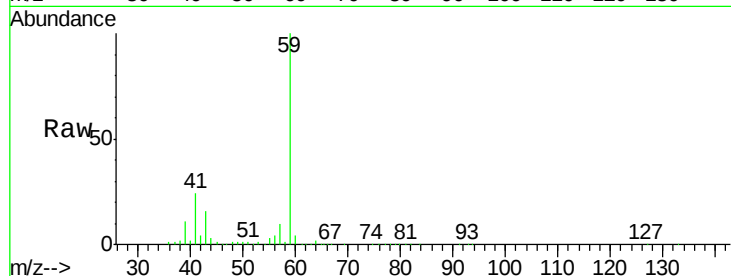


#11

Tert butyl alcohol
Concen: 210.34 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

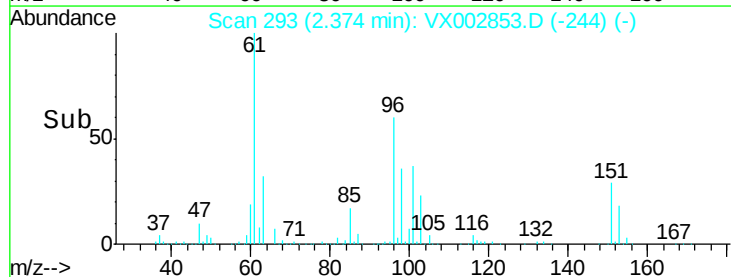
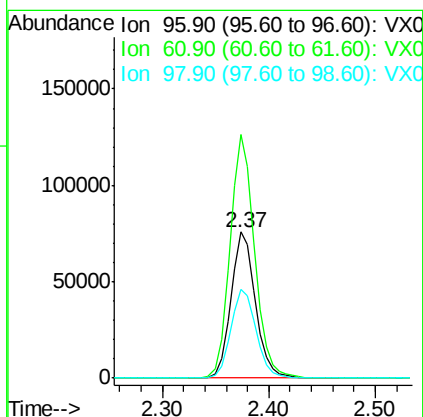
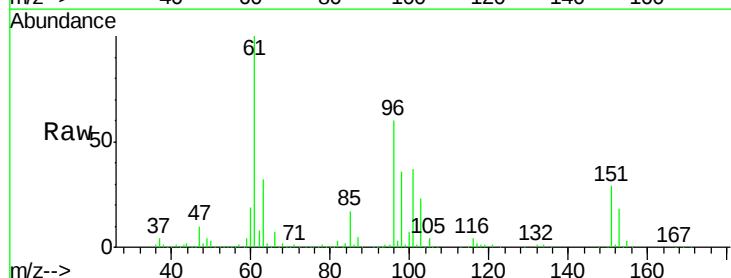
Tot Ion: 59 Resp: 156720
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

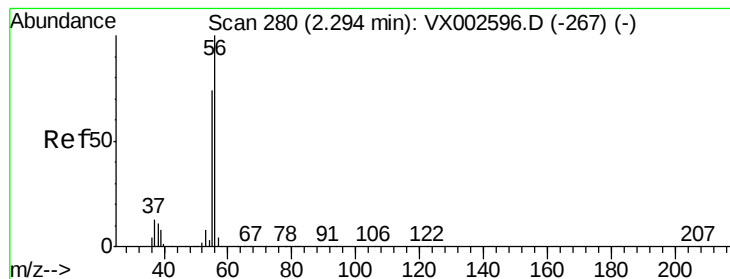


#12

1,1-Dichloroethene
Concen: 46.16 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 96 Resp: 122329
Ion Ratio Lower Upper
96 100
61 167.0 137.9 206.9
98 60.6 51.6 77.4





#13

Acrolein

Concen: 170.00 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

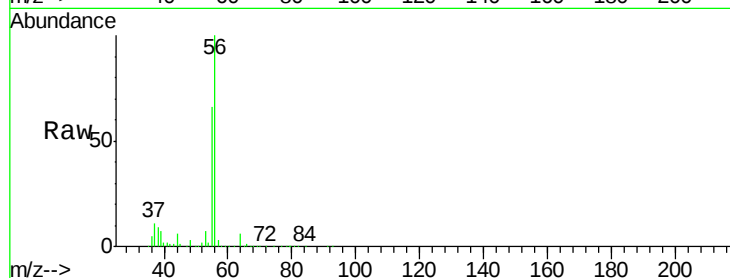
S83-0020MSD

Tot Ion: 56 Resp: 58594

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

30000

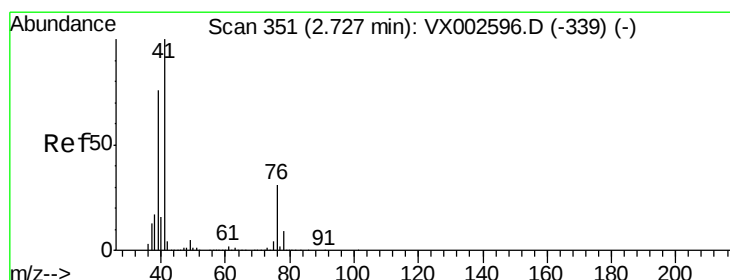
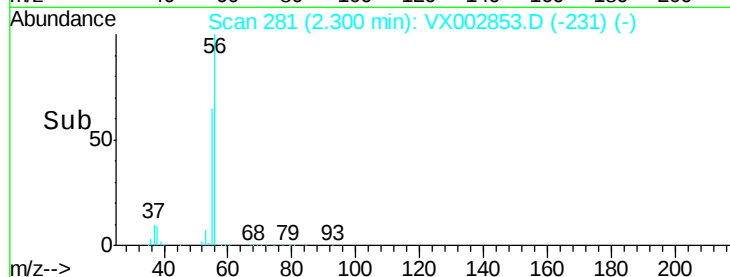
20000

10000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 45.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

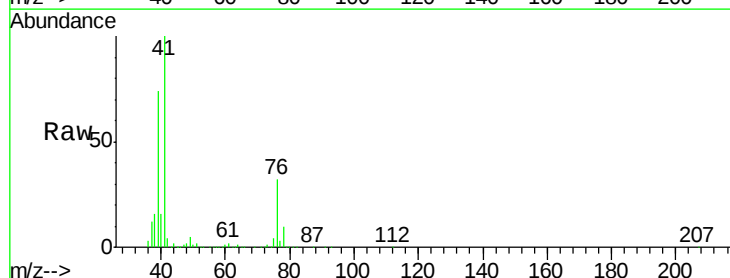
Tgt Ion: 41 Resp: 237417

Ion Ratio Lower Upper

41 100

39 70.9 56.8 85.2

76 32.4 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

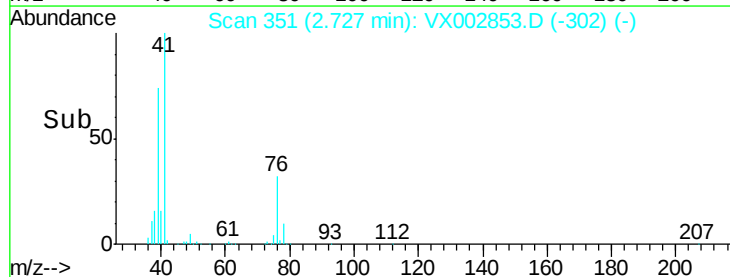
100000

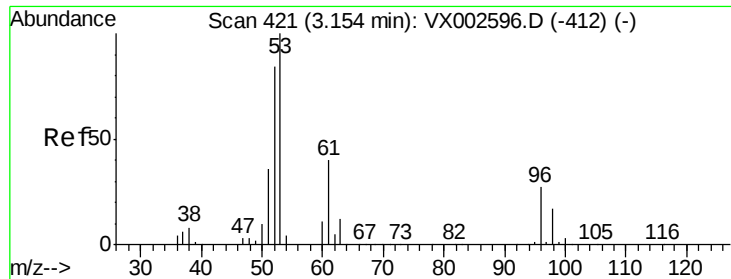
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 231.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

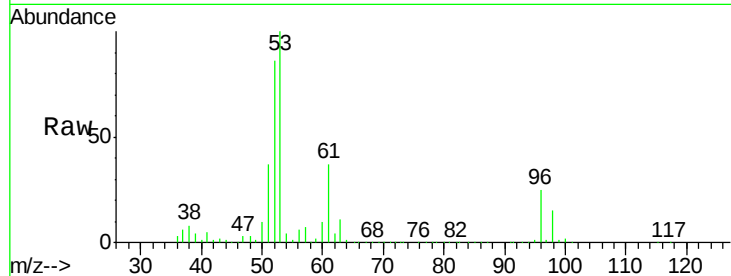
Tot Ion: 53 Resp: 377184

Ion Ratio Lower Upper

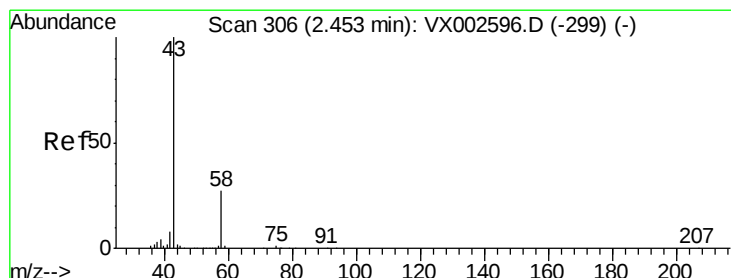
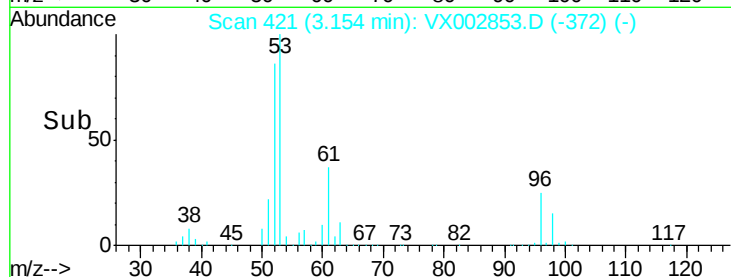
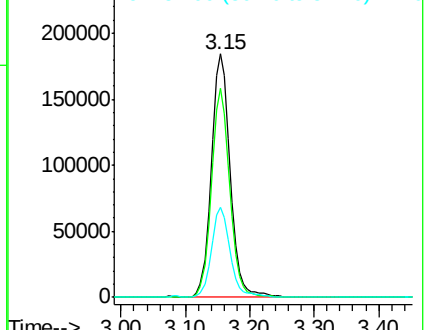
53 100

52 83.8 66.7 100.1

51 36.9 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: 223.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002853.D

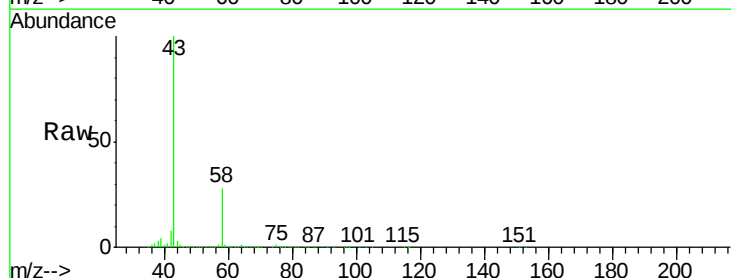
Acq: 23 Jun 2018 01:17

Tgt Ion: 43 Resp: 355117

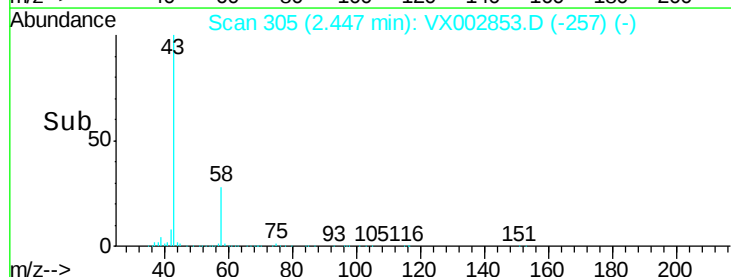
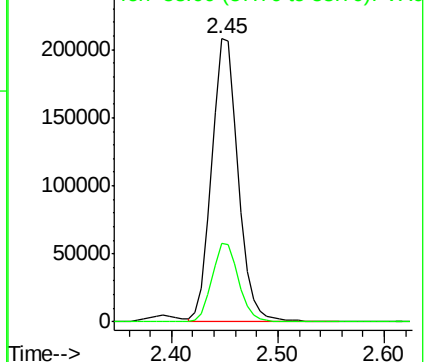
Ion Ratio Lower Upper

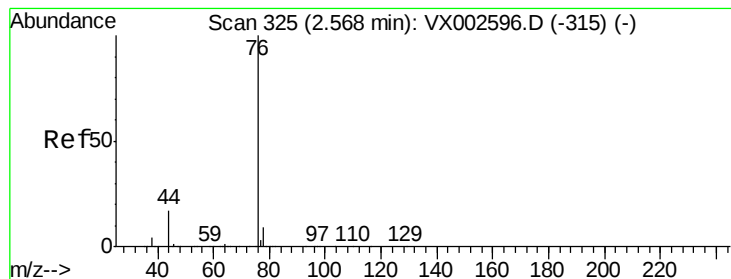
43 100

58 27.7 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: 51.72 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

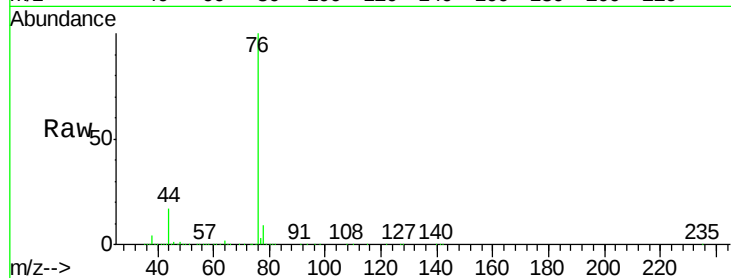
S83-0020MSD

Tot Ion: 76 Resp: 325059

Ion Ratio Lower Upper

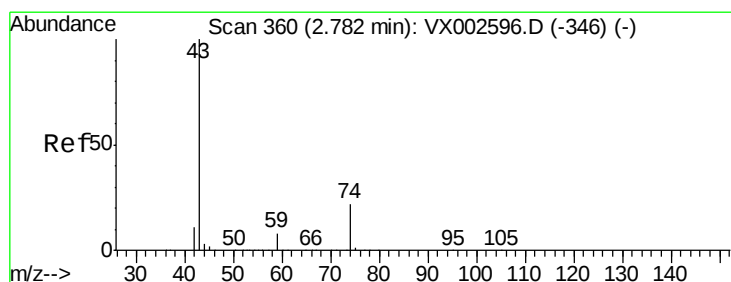
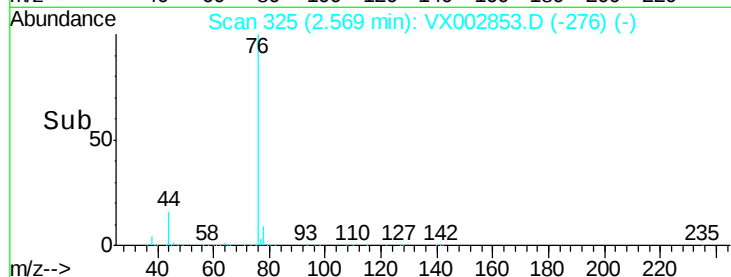
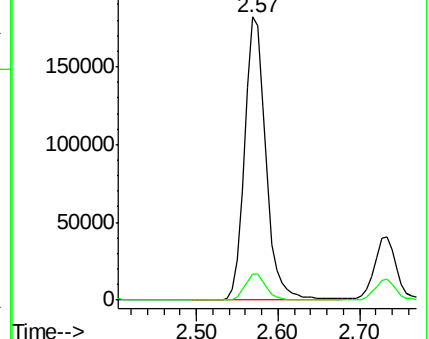
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002853.D

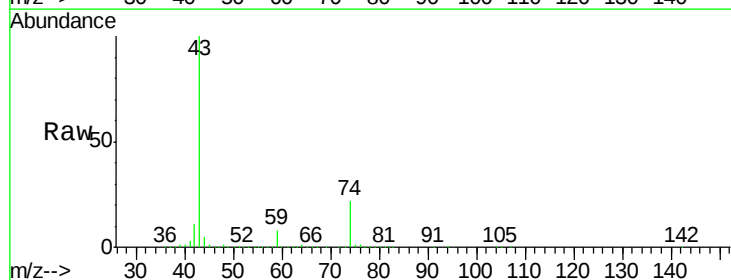
Acq: 23 Jun 2018 01:17

Tgt Ion: 43 Resp: 199280

Ion Ratio Lower Upper

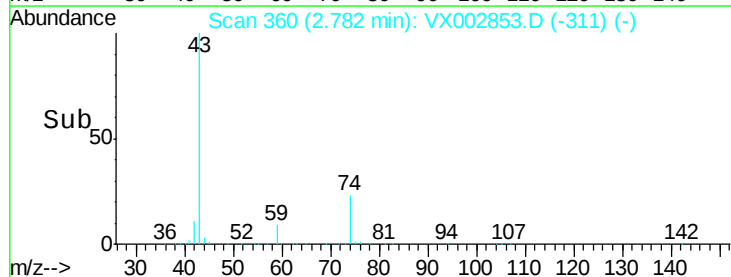
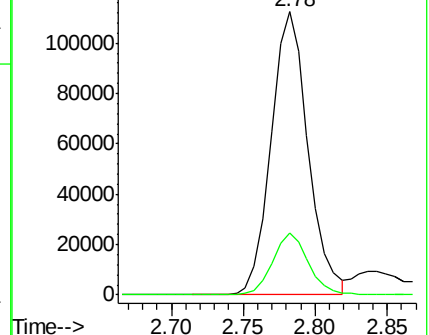
43 100

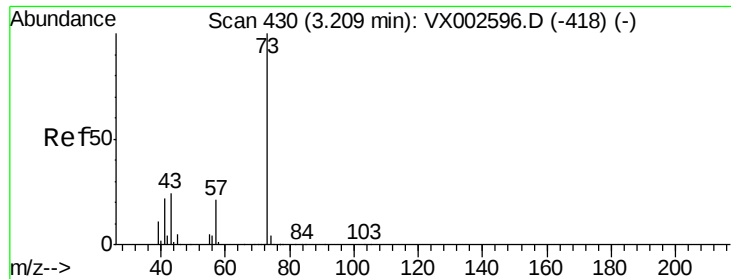
74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

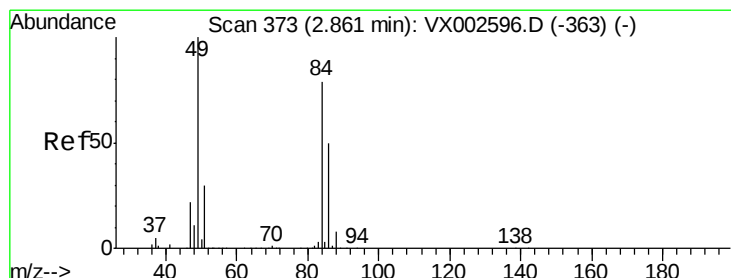
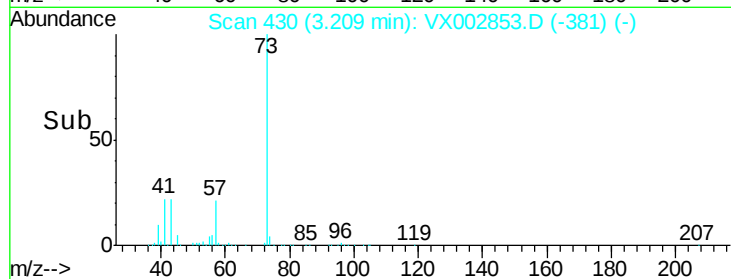
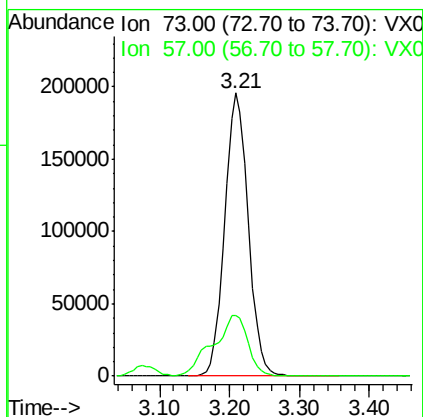
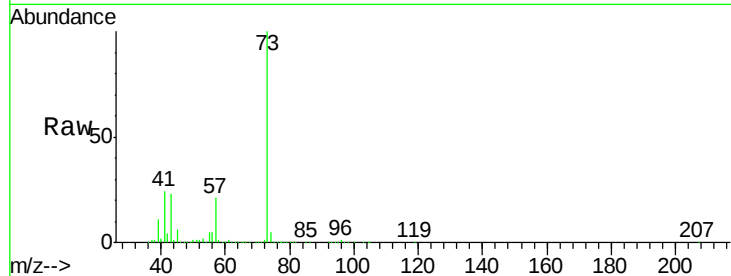




#19
Methvl tert-butvl Ether
Concen: 45.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

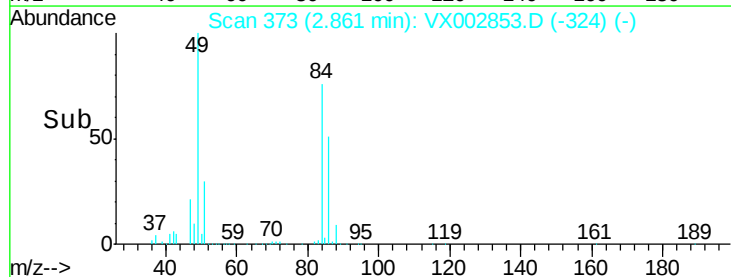
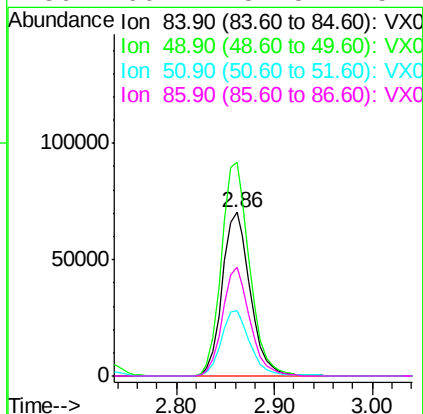
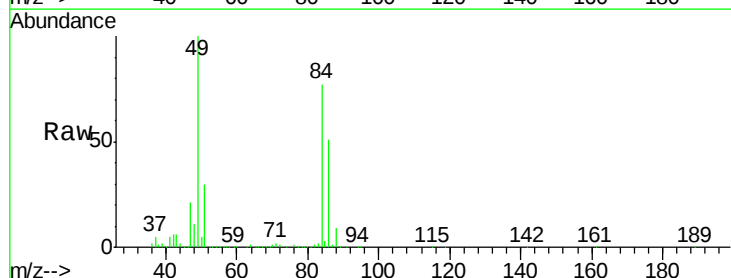
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

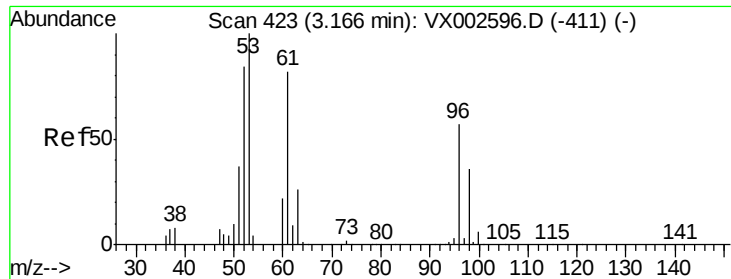
Tot Ion: 73 Resp: 456014
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 42.91 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 84 Resp: 139910
Ion Ratio Lower Upper
84 100
49 130.5 107.8 161.6
51 39.6 32.8 49.2
86 66.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.11 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampled :

S83-0020MSD

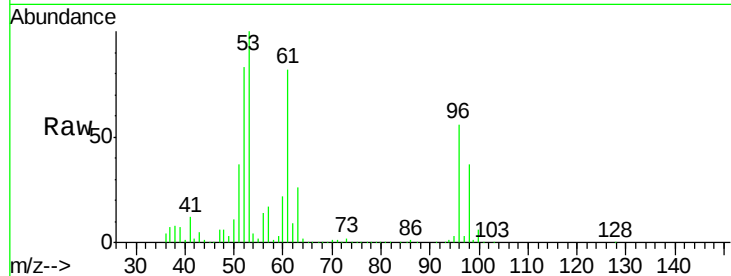
Tot Ion: 96 Resp: 132557

Ion Ratio Lower Upper

96 100

61 146.8 117.0 175.4

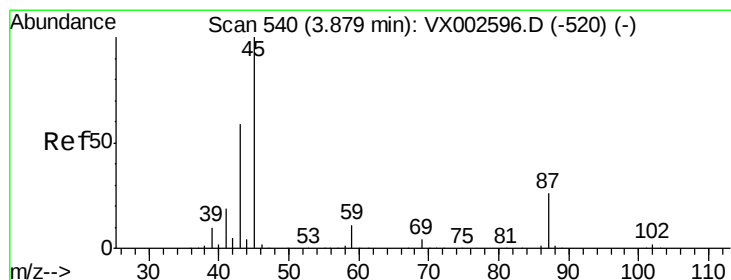
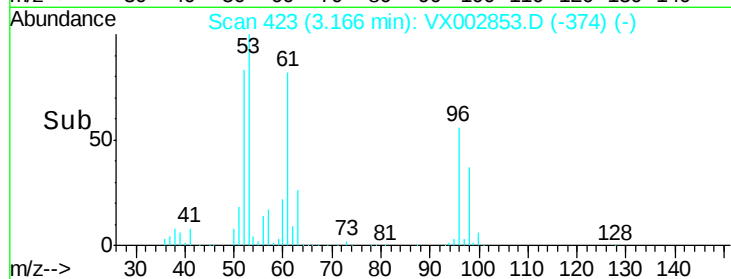
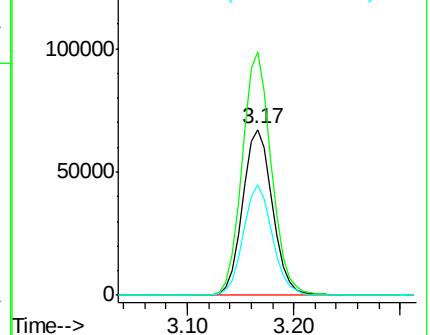
98 66.6 52.4 78.6



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: 49.31 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion: 45 Resp: 469473

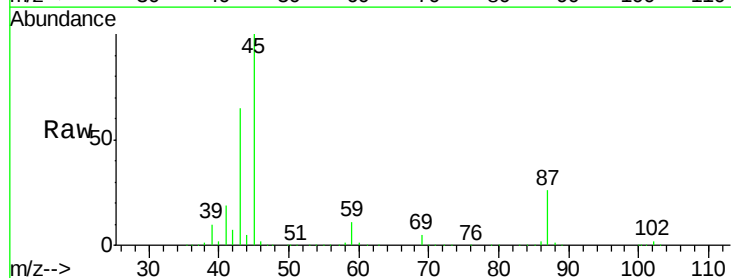
Ion Ratio Lower Upper

45 100

43 64.5 46.8 70.2

87 25.6 20.2 30.4

59 10.7 8.7 13.1

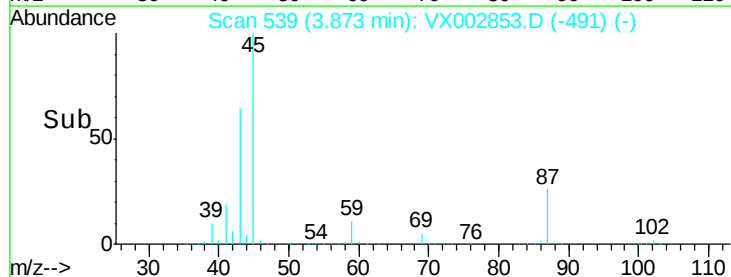
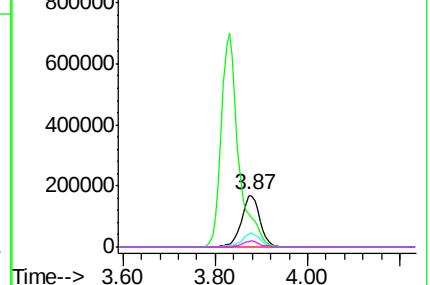


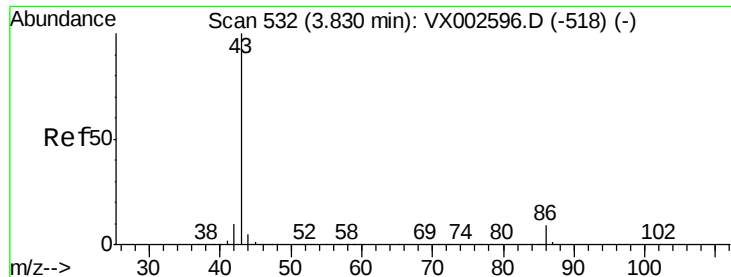
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 228.89 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

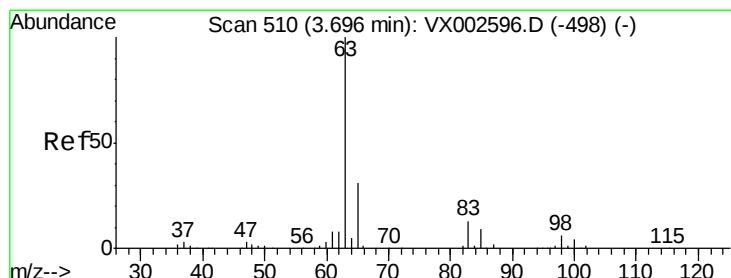
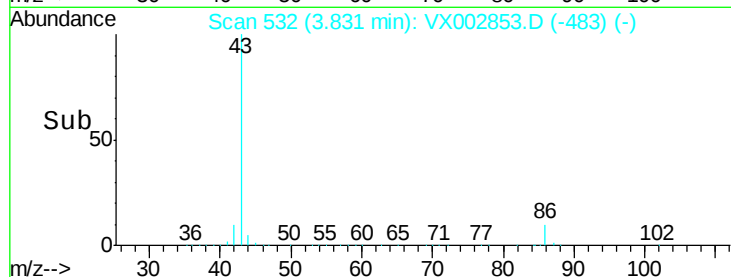
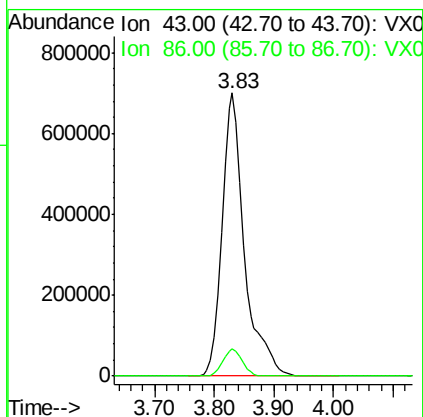
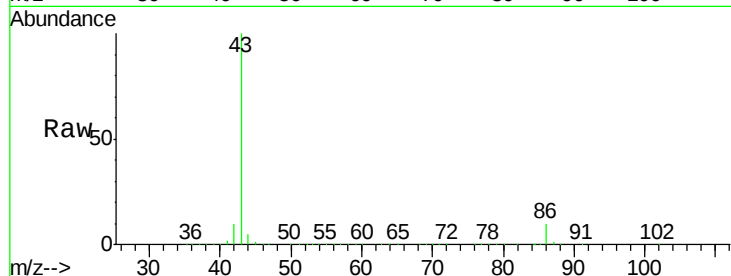
S83-0020MSD

Tot Ion: 43 Resp: 1823808

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 48.14 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

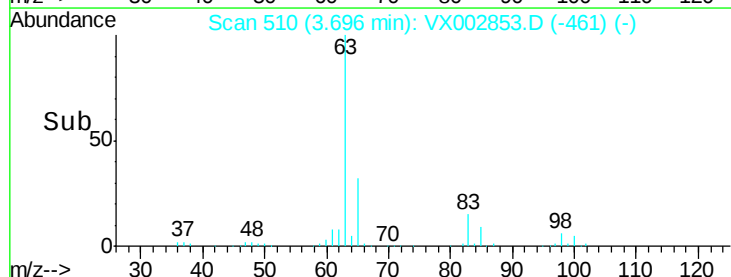
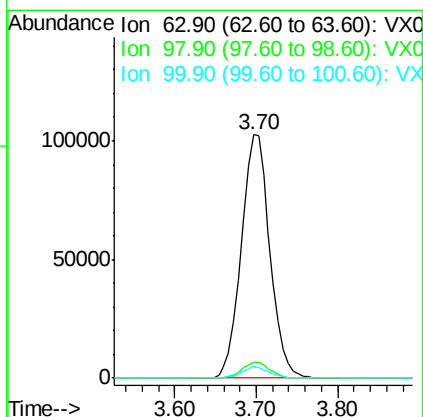
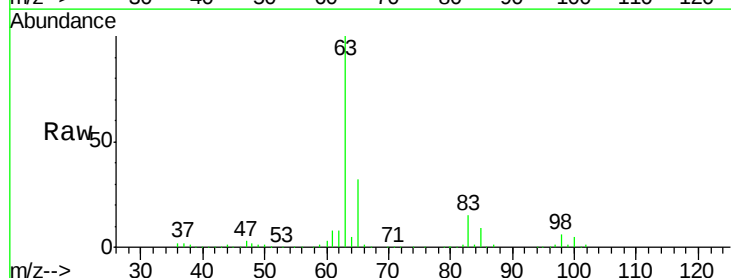
Tgt Ion: 63 Resp: 248759

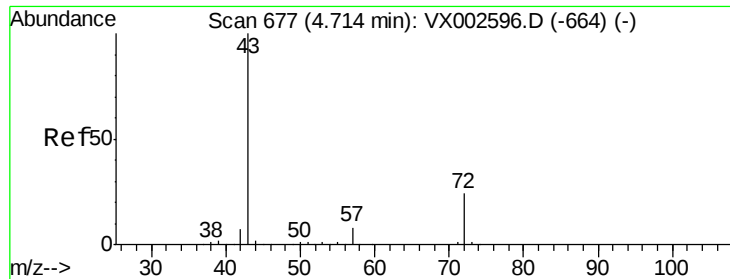
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.8 2.0 6.0

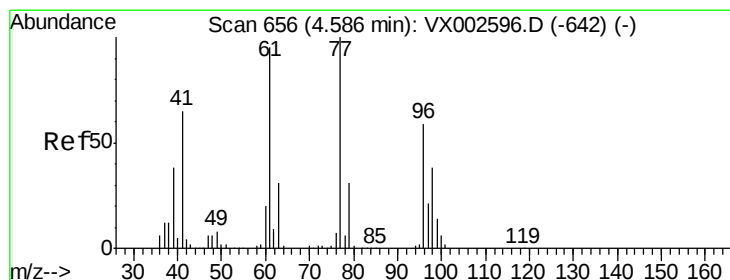
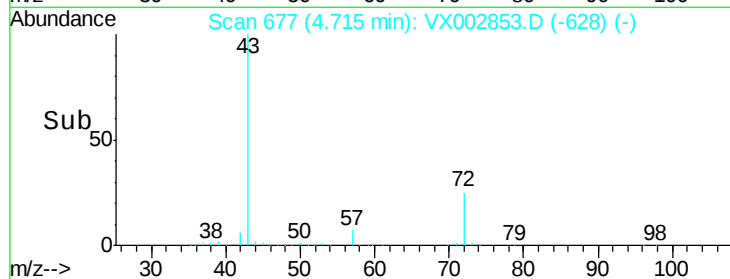
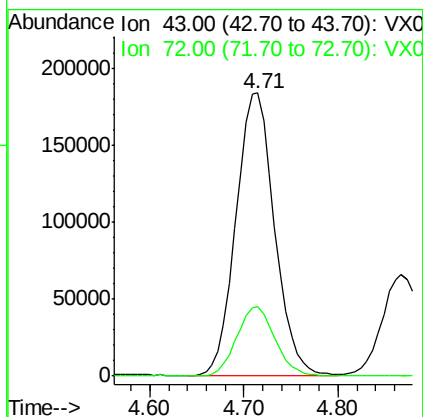
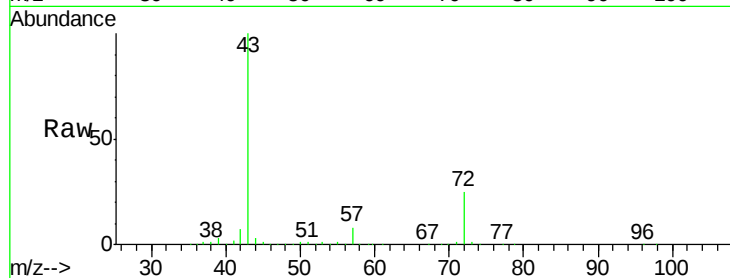




#25
2-Butanone
Concen: 252.48 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

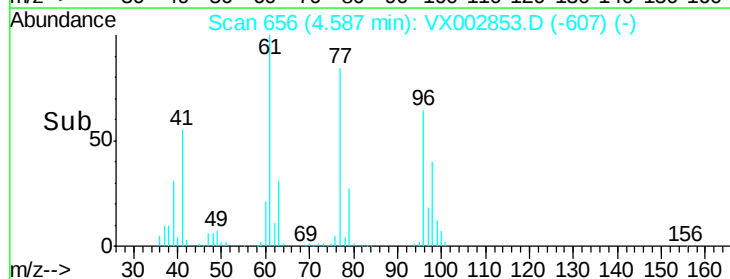
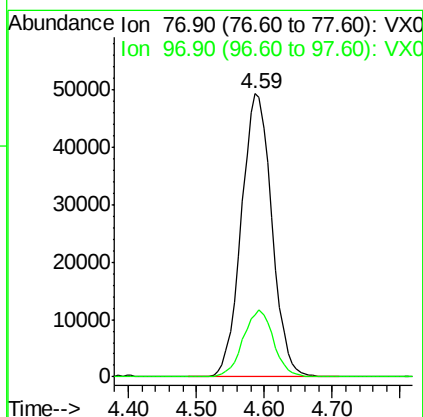
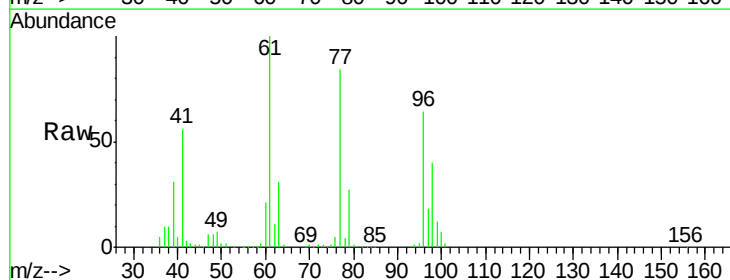
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

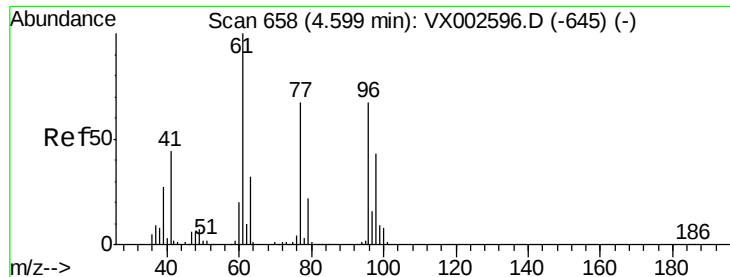
Tot Ion: 43 Resp: 527249
Ion Ratio Lower Upper
43 100
72 24.5 18.5 27.7



#26
2,2-Dichloropropane
Concen: 41.46 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 77 Resp: 153927
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5



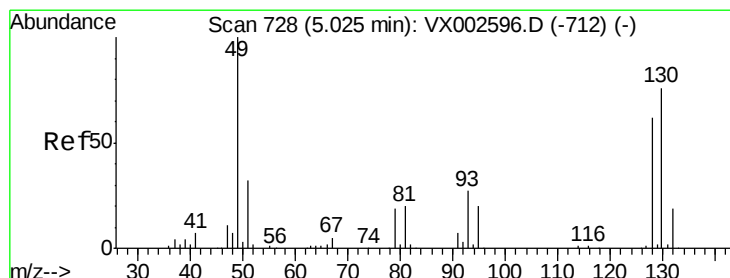
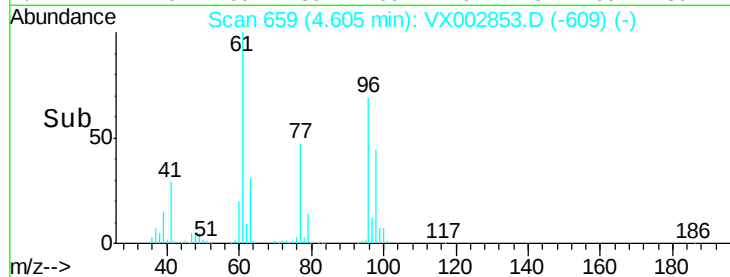
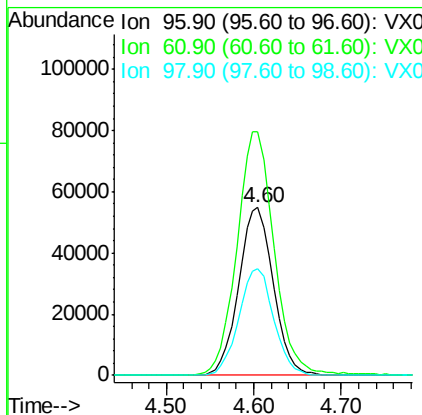
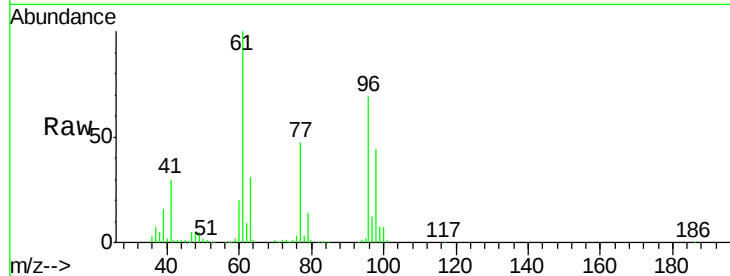


#27

cis-1,2-Dichloroethene
Concen: 51.68 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

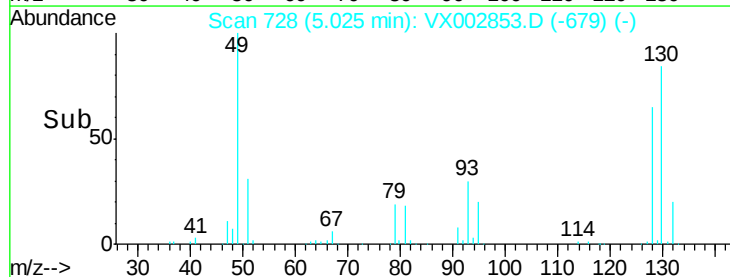
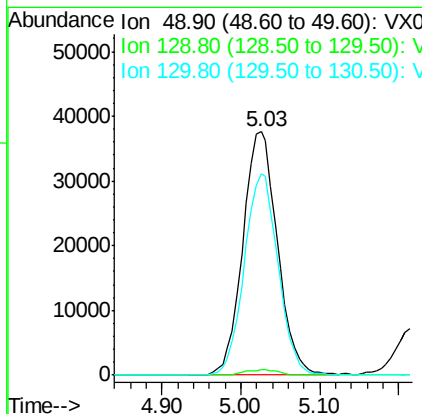
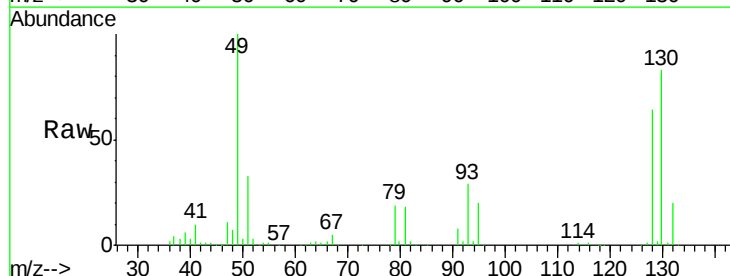
Tot Ion: 96 Resp: 151172
Ion Ratio Lower Upper
96 100
61 156.6 0.0 330.2
98 64.0 0.0 130.2

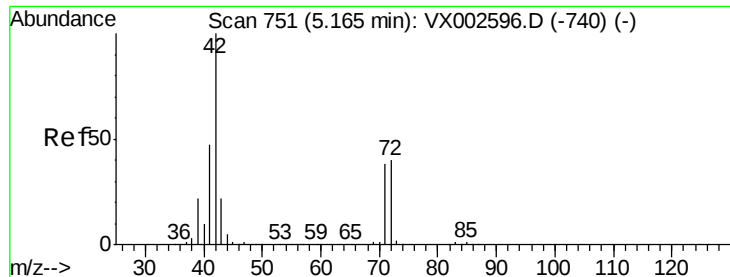


#28

Bromochloromethane
Concen: 47.35 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 49 Resp: 114567
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 80.8 61.2 91.8

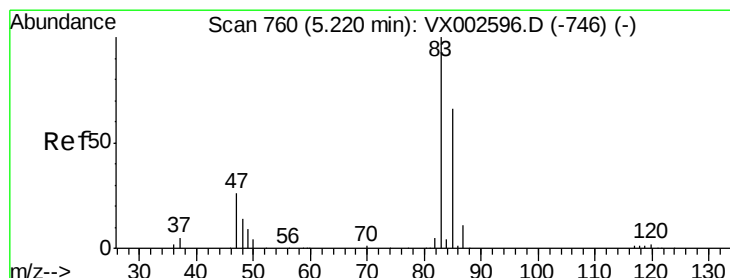
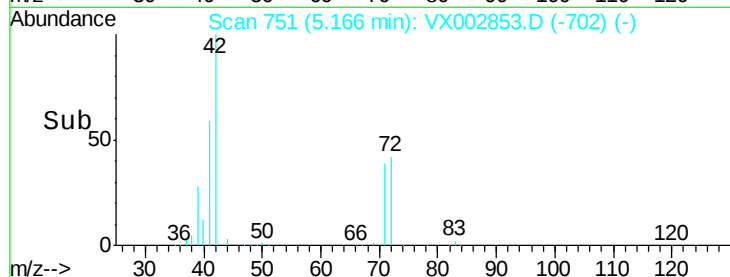
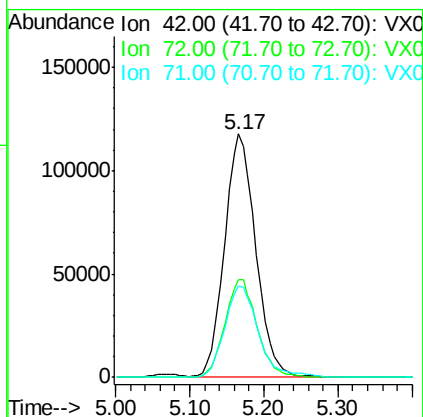
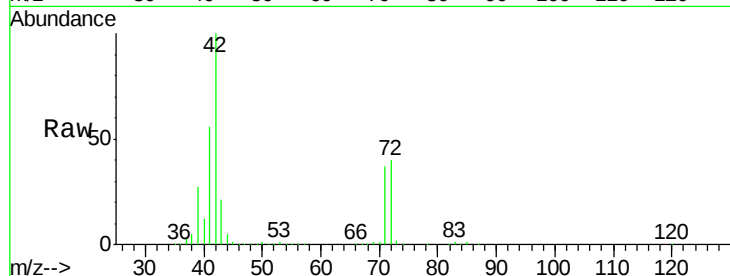




#29
Tetrahydrofuran
Concen: 250.10 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

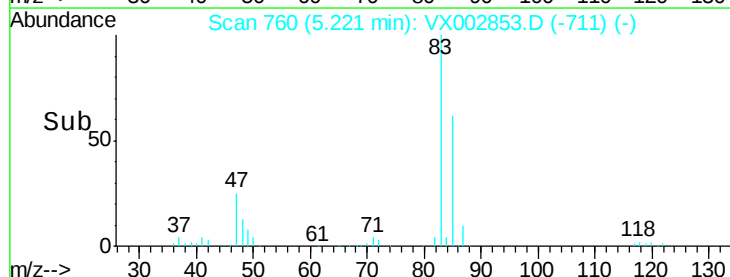
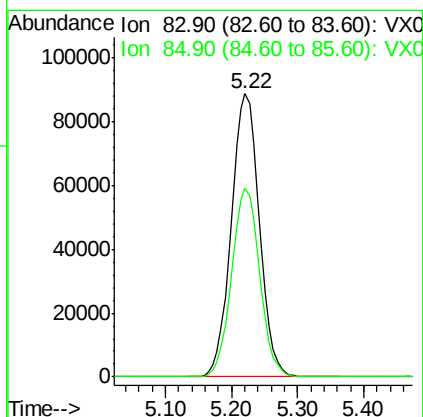
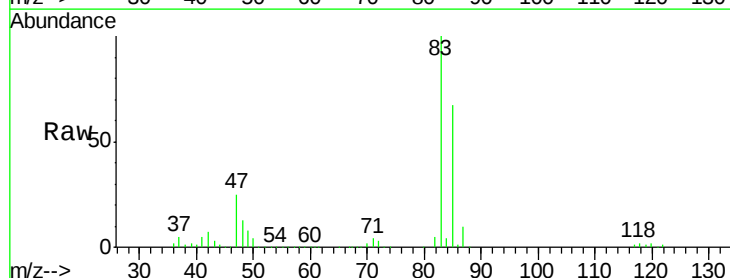
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

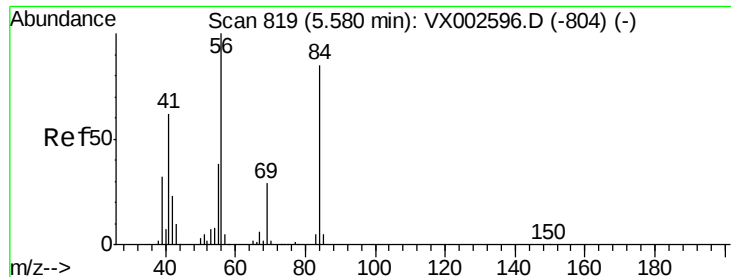
Tot Ion: 42 Resp: 342294
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 40.9 30.1 45.1



#30
Chloroform
Concen: 52.39 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 83 Resp: 261030
Ion Ratio Lower Upper
83 100
85 66.7 50.4 75.6

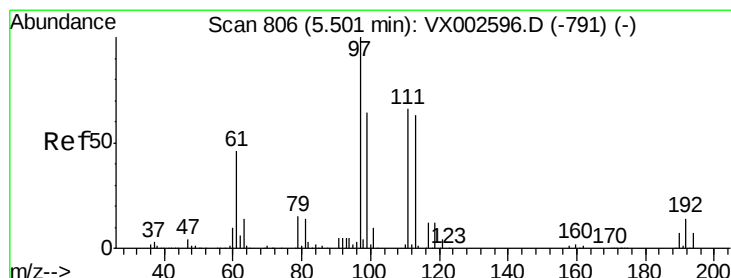
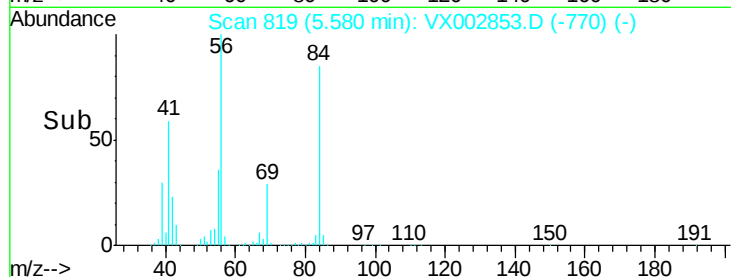
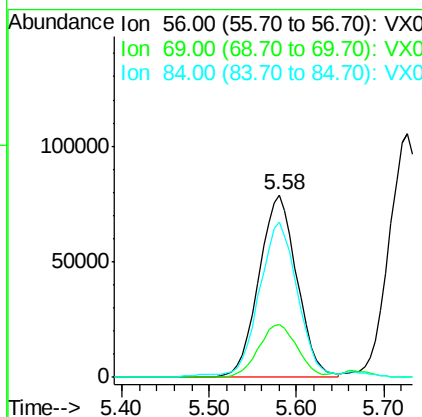
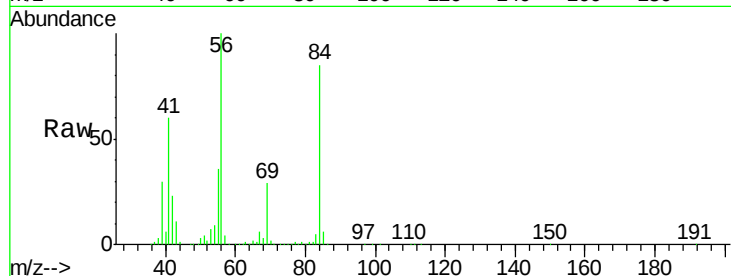




#31
Cyclohexane
Concen: 56.21 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

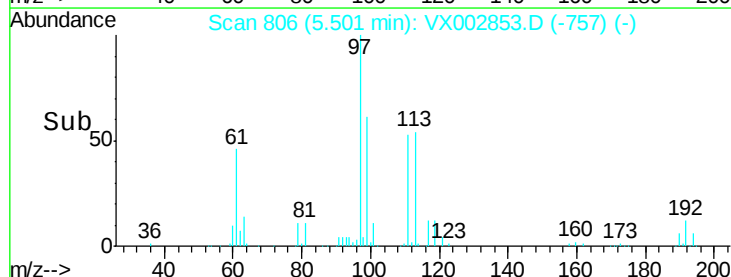
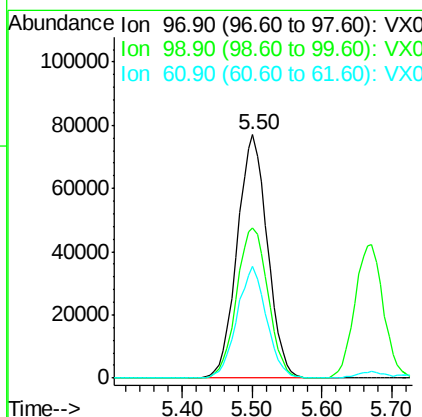
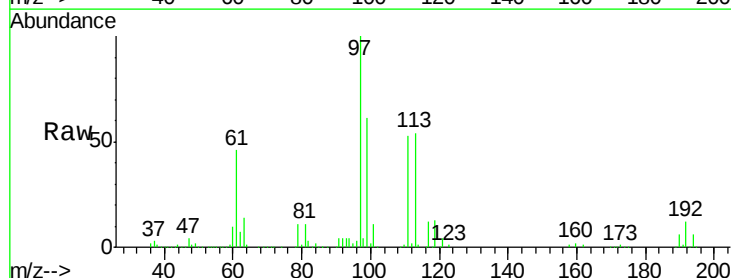
Instrument :
MSVOA_X
ClientSampled :
S83-0020MSD

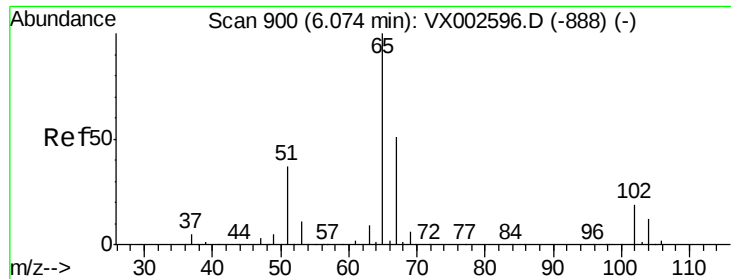
Tot Ion: 56 Resp: 239132
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 83.8 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 55.37 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 97 Resp: 230725
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 44.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

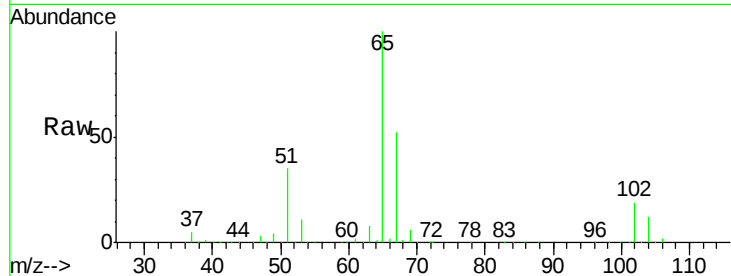
S83-0020MSD

Tot Ion: 65 Resp: 153611

Ion Ratio Lower Upper

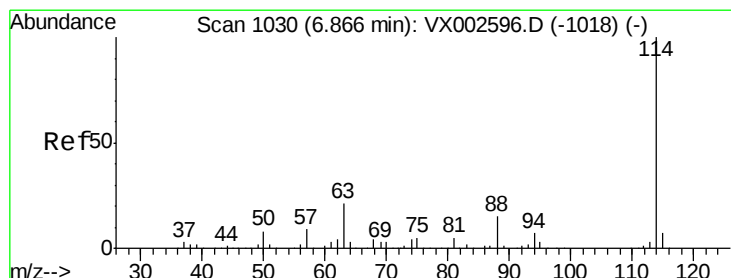
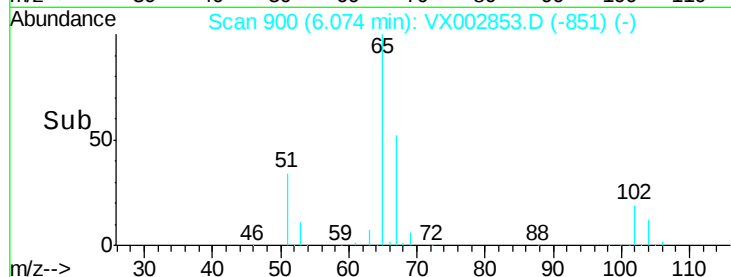
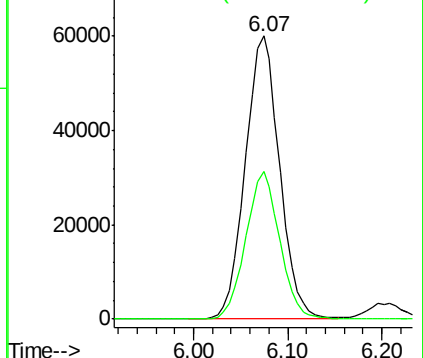
65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

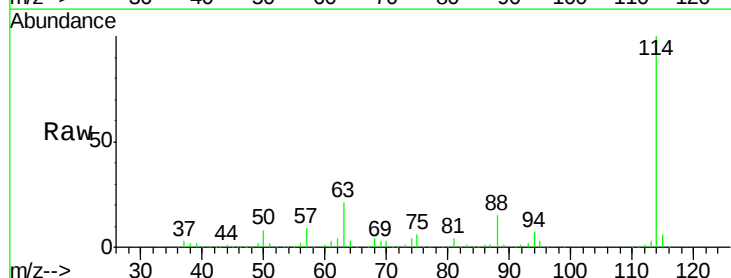
Tgt Ion: 114 Resp: 332370

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

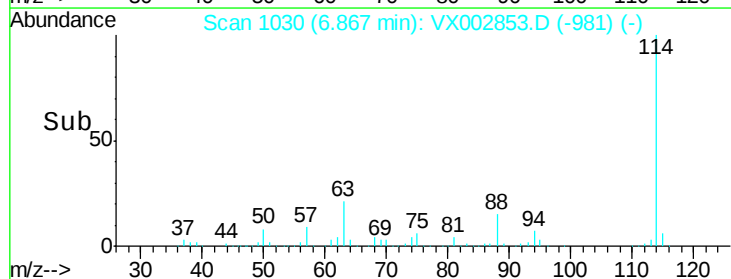
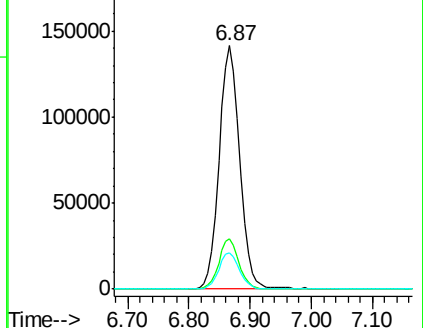
88 14.7 0.0 30.0

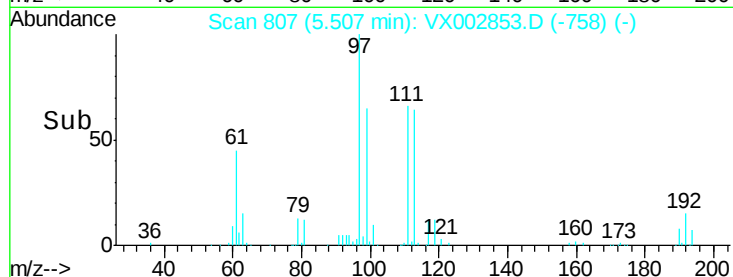
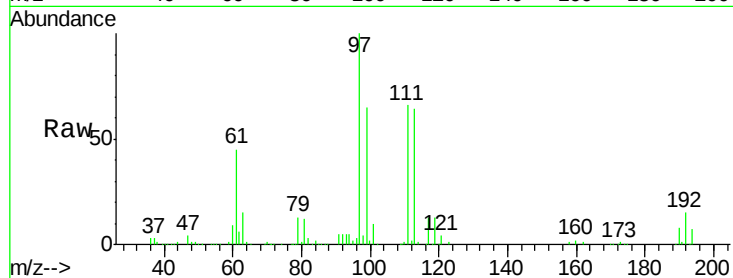
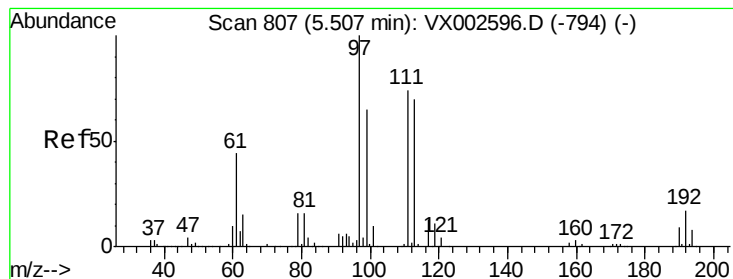


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

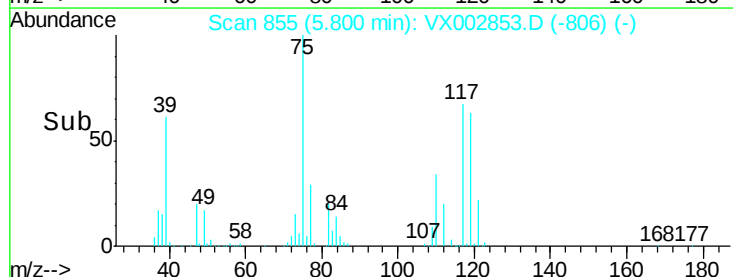
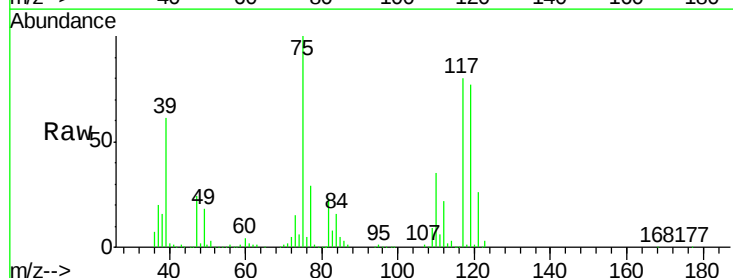
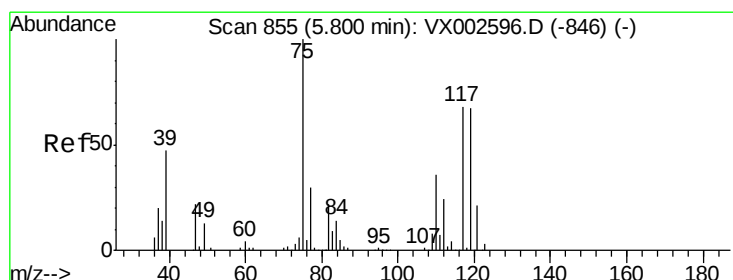
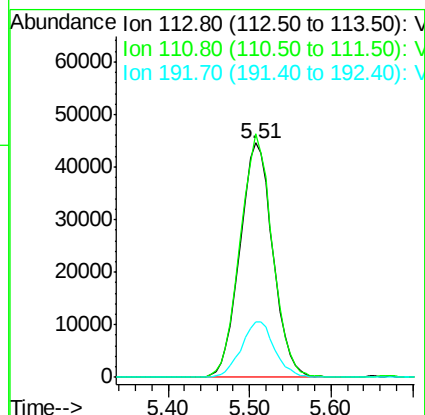
Tot Ion:113 Resp: 124984

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 23.9 19.1 28.7



#36

1,1-Dichloropropene

Concen: 53.34 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

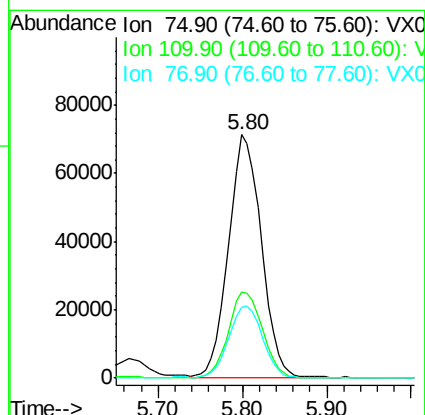
Tgt Ion: 75 Resp: 188301

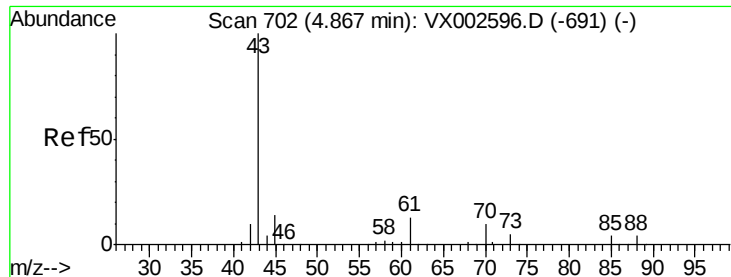
Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.4

77 30.5 24.3 36.5

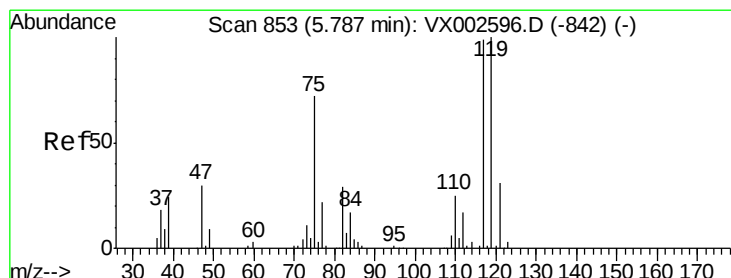
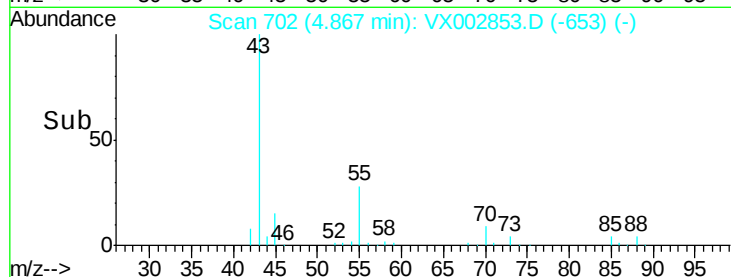
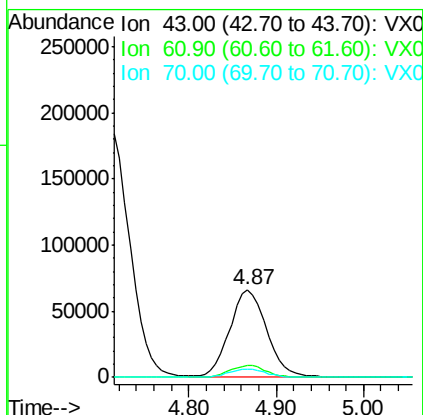
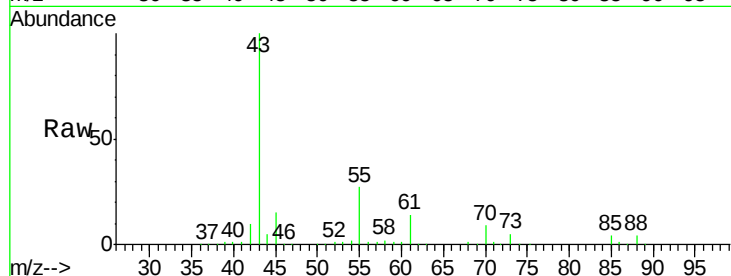




#37
Ethyl Acetate
Concen: 48.45 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

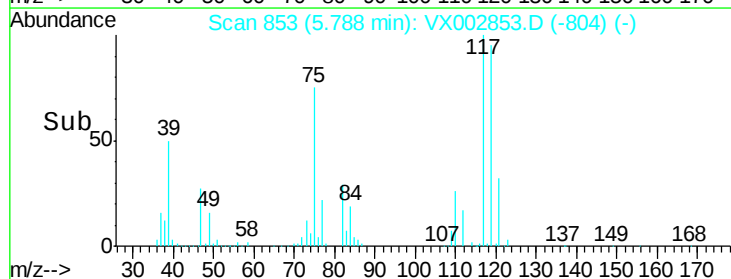
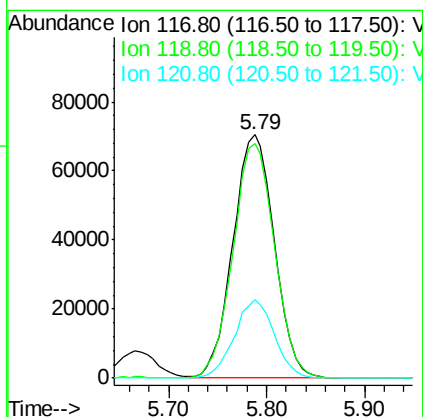
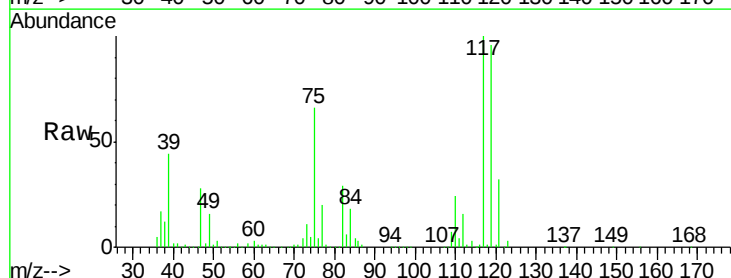
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

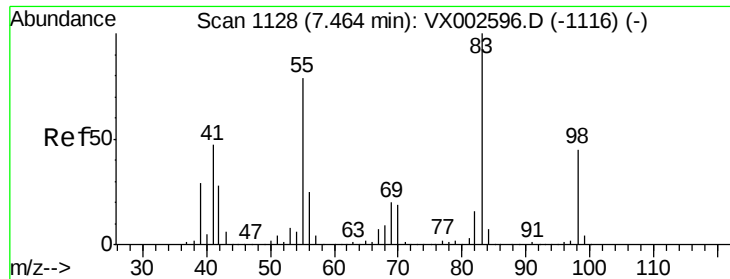
Tot Ion: 43 Resp: 193569
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 58.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 117 Resp: 206881
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 32.3 24.4 36.6

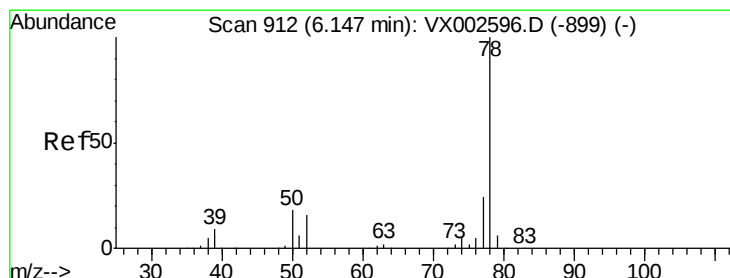
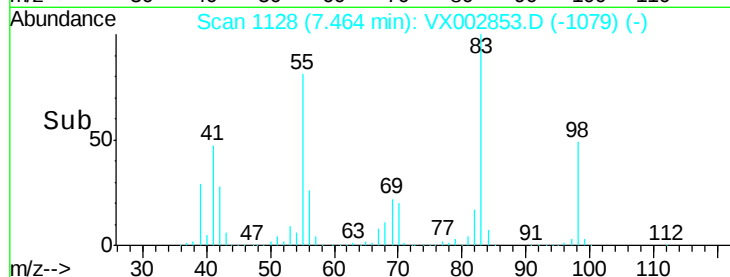
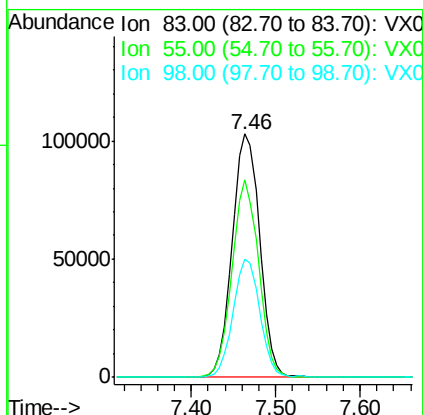
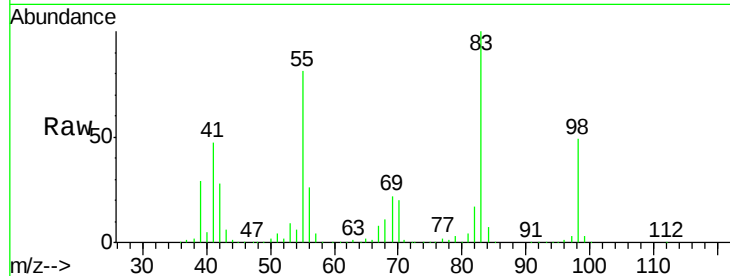




#39
Methvlcvclohexane
Concen: 55.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

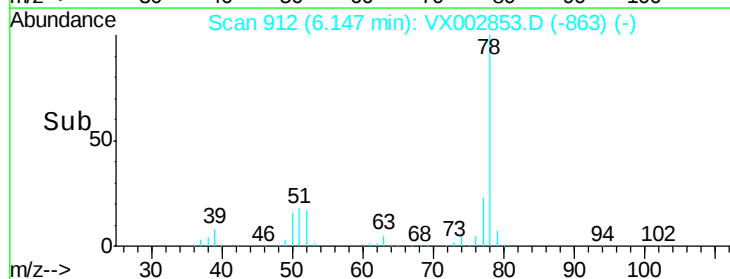
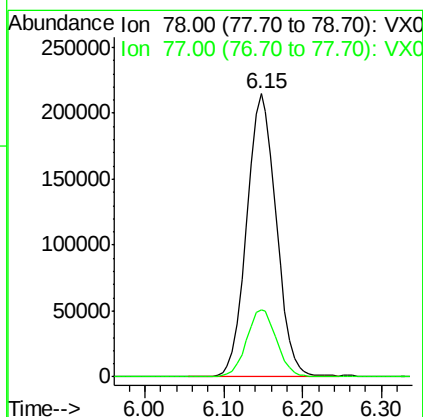
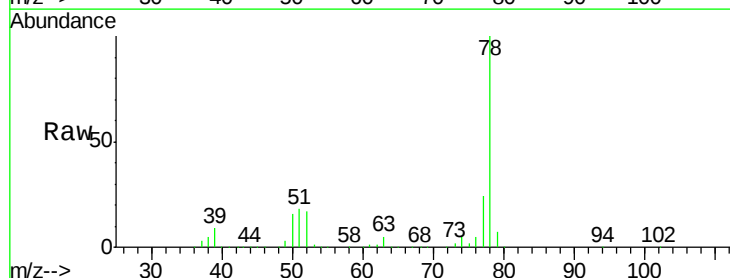
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

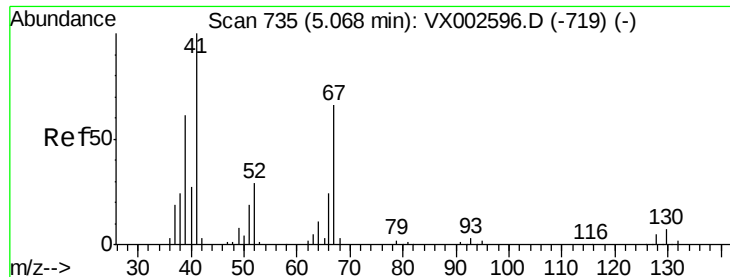
Tot Ion: 83 Resp: 227729
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 48.7 37.4 56.0



#40
Benzene
Concen: 52.79 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 78 Resp: 558724
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

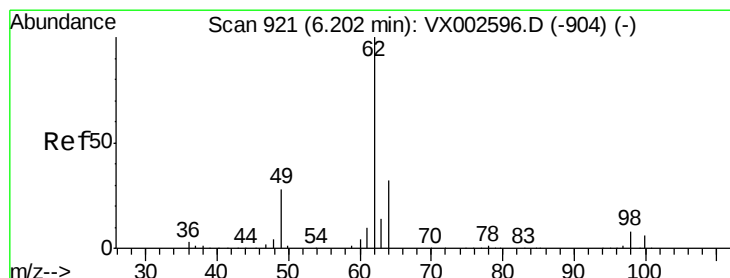
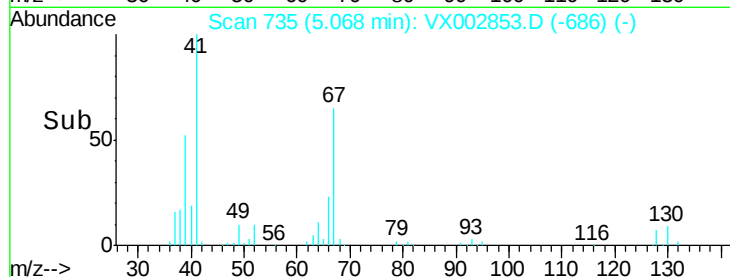
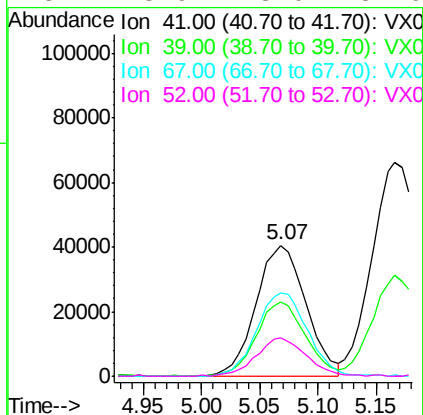
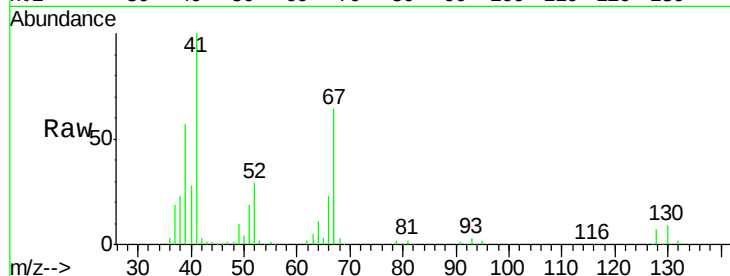




#41
Methacrylonitrile
Concen: 53.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

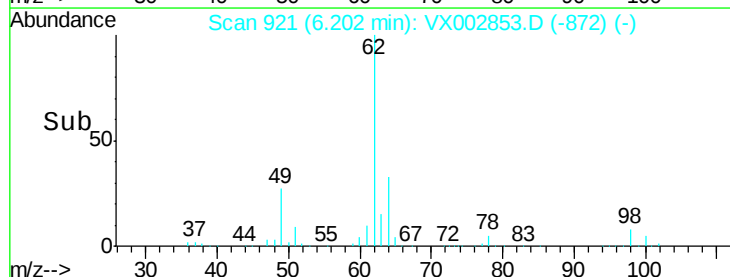
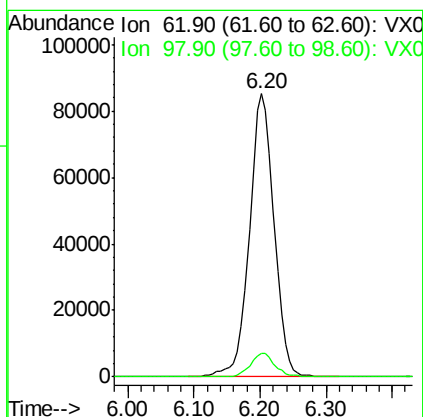
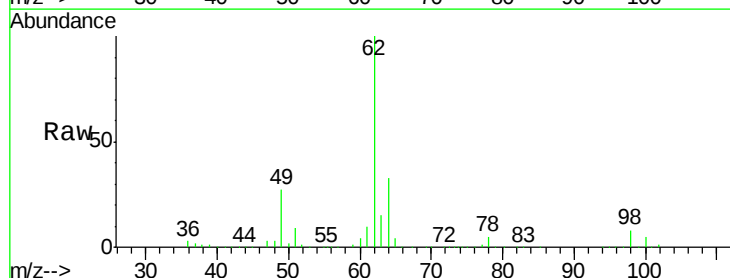
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

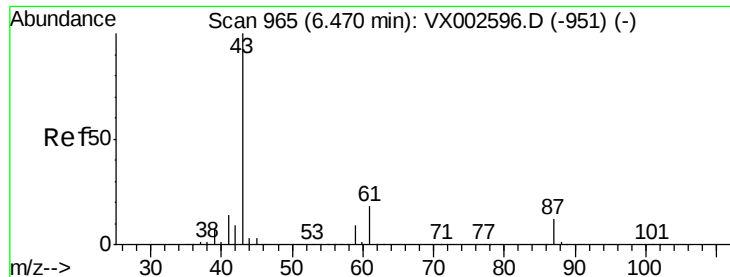
Tot Ion:	41	Resp:	120344
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.8	68.6
67	65.4	51.3	76.9
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 54.02 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion:	62	Resp:	221371
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 50.19 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

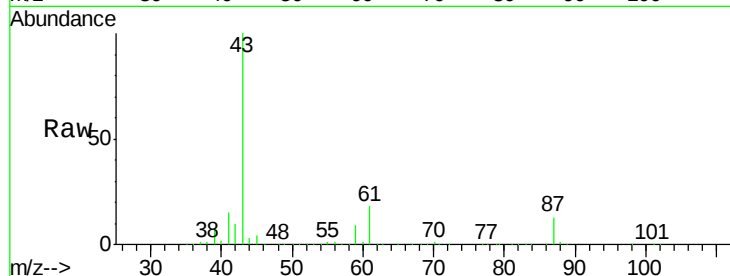
Tot Ion: 43 Resp: 332213

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): VX002596.D (-951) (-)

Ion 61.00 (60.70 to 61.70): VX002596.D (-951) (-)

Ion 87.00 (86.70 to 87.70): VX002596.D (-951) (-)

6.47

150000

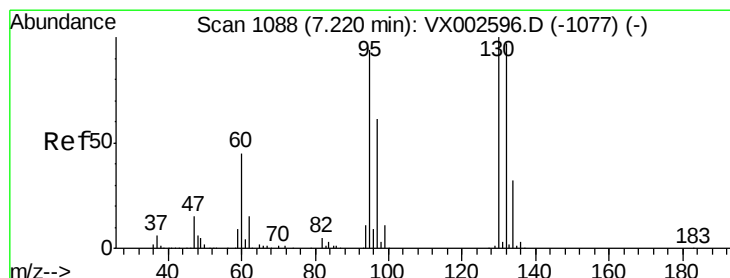
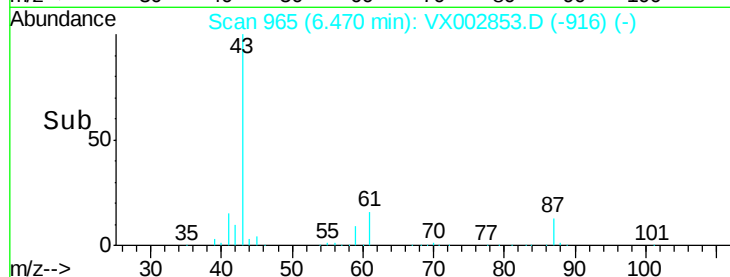
100000

50000

0

Time-->

6.40 6.50 6.60



#44

Trichloroethene

Concen: 53.43 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002853.D

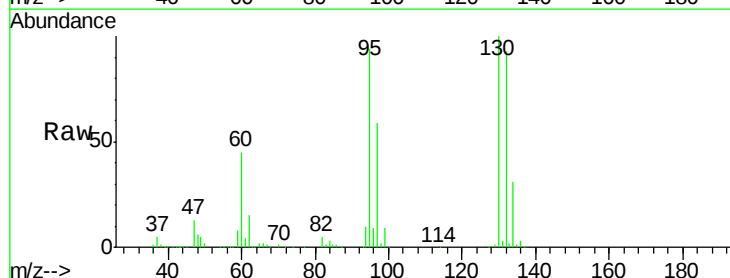
Acq: 23 Jun 2018 01:17

Tgt Ion:130 Resp: 163229

Ion Ratio Lower Upper

130 100

95 93.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002596.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002596.D (-1077) (-)

7.21

80000

60000

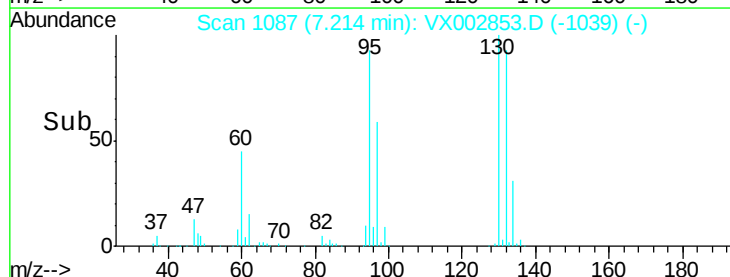
40000

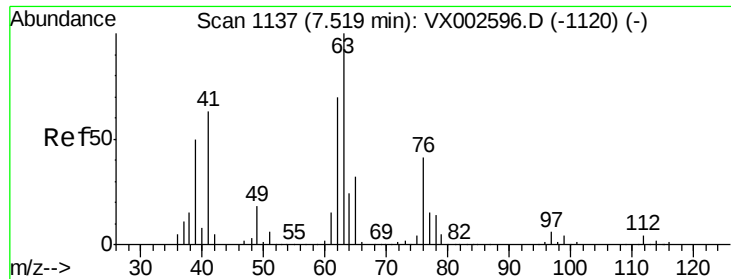
20000

0

Time-->

7.10 7.20 7.30 7.40





#45

1,2-Dichloropropane

Concen: 52.18 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

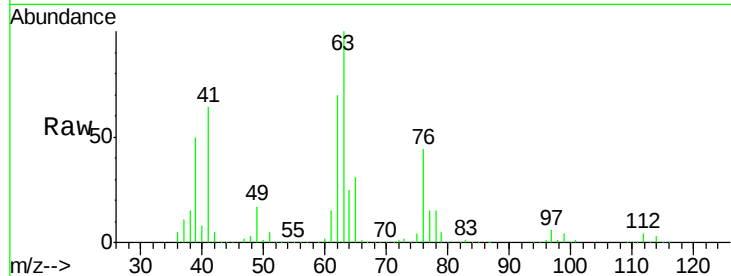
S83-0020MSD

Tot Ion: 63 Resp: 145367

Ion Ratio Lower Upper

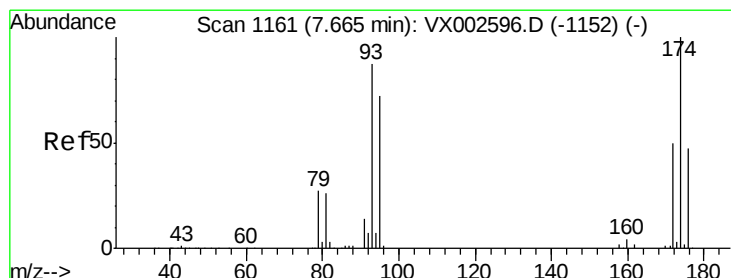
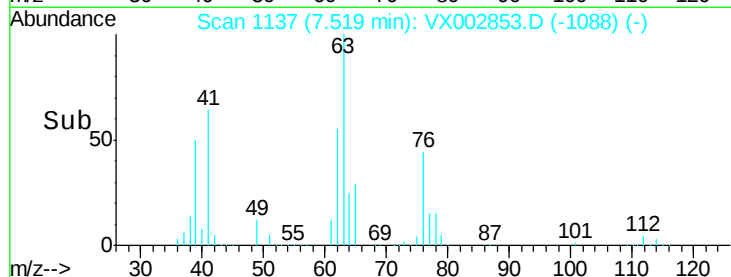
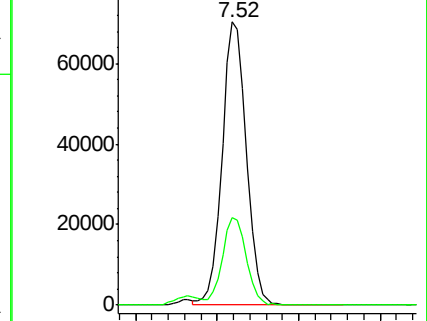
63 100

65 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.33 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

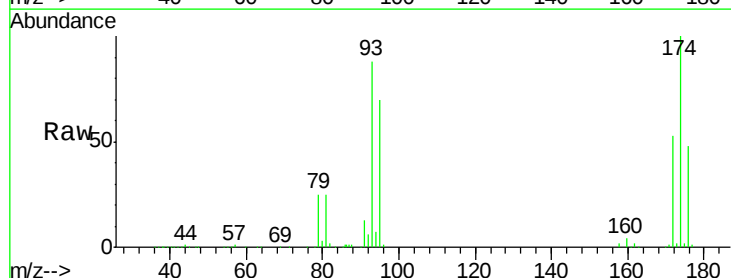
Tgt Ion: 93 Resp: 103101

Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

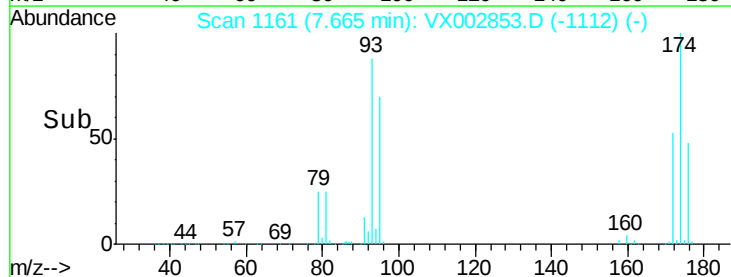
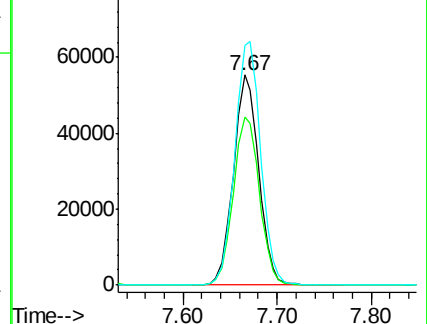
174 118.6 92.4 138.6

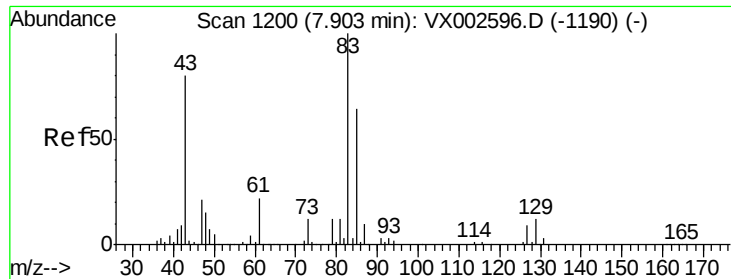


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 58.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

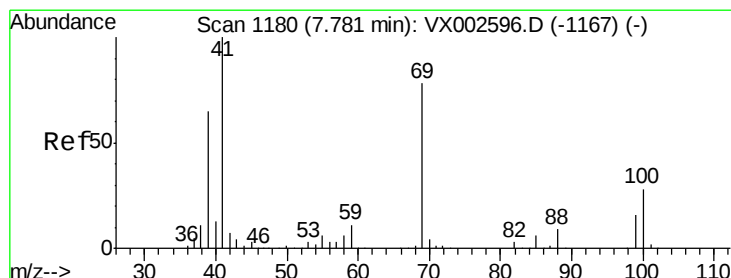
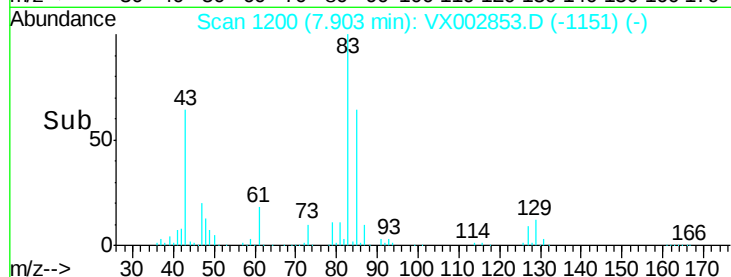
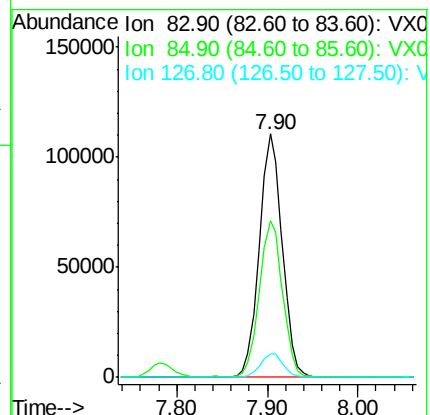
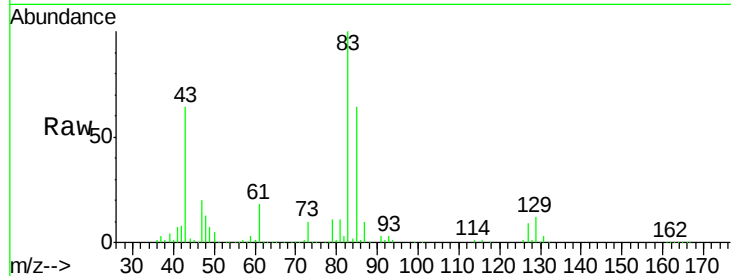
Tot Ion: 83 Resp: 193169

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 55.01 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

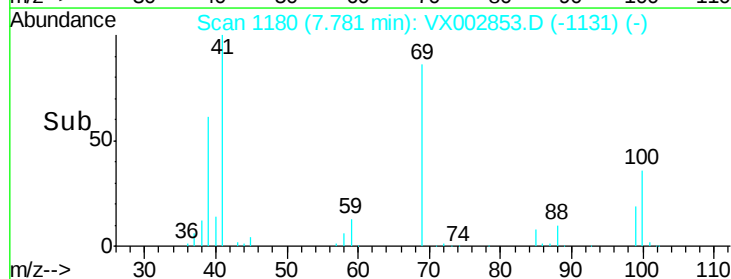
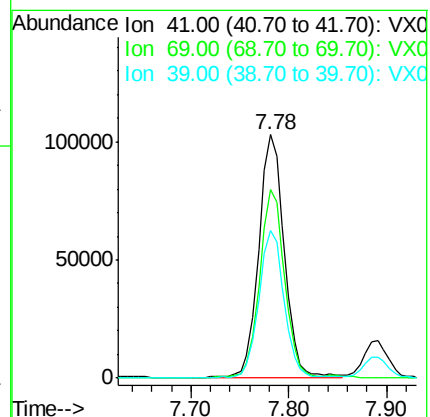
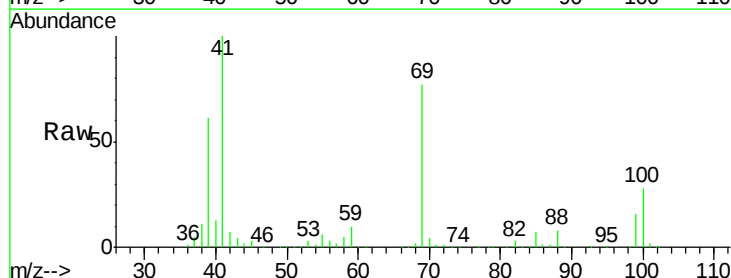
Tgt Ion: 41 Resp: 186096

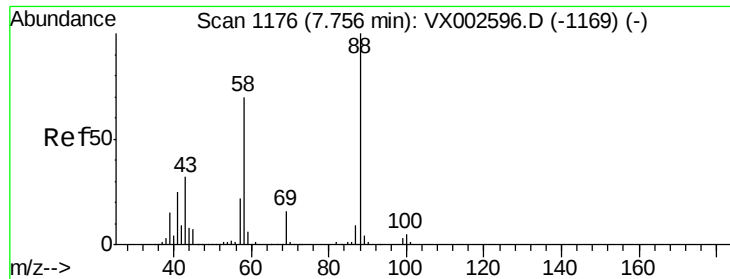
Ion Ratio Lower Upper

41 100

69 76.2 59.1 88.7

39 60.3 48.9 73.3

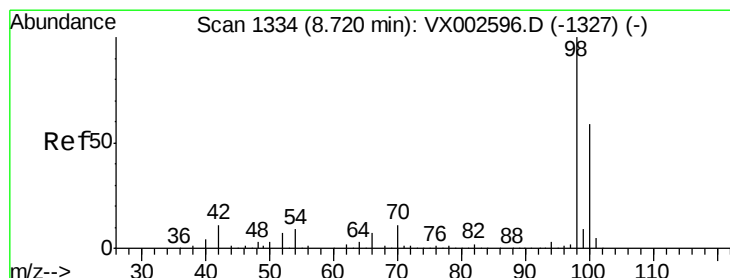
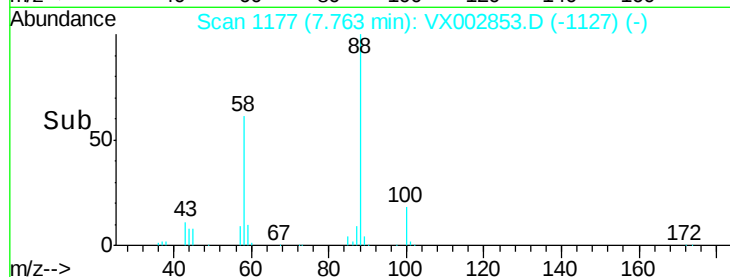
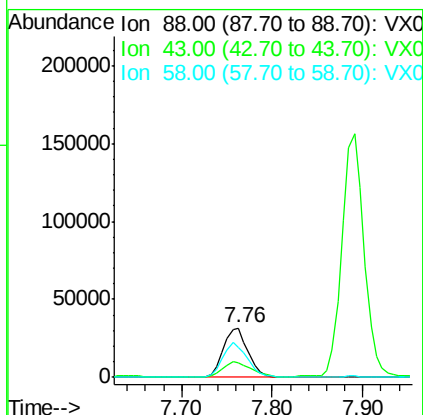
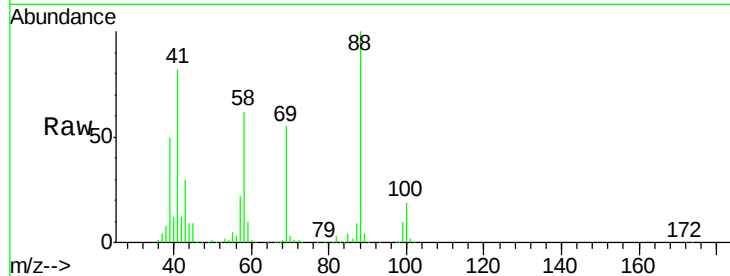




#49
1,4-Dioxane
Concen: 940.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

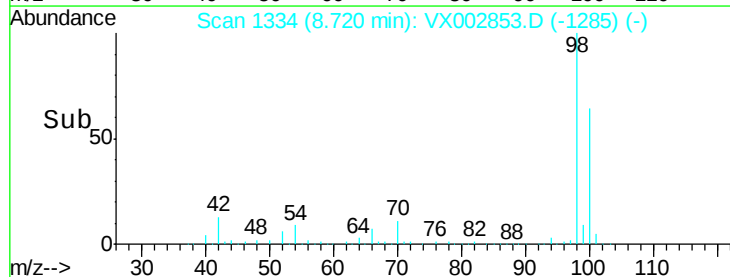
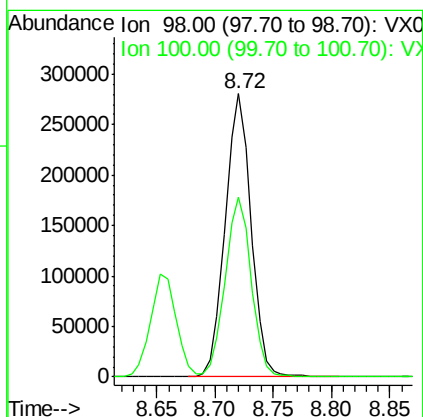
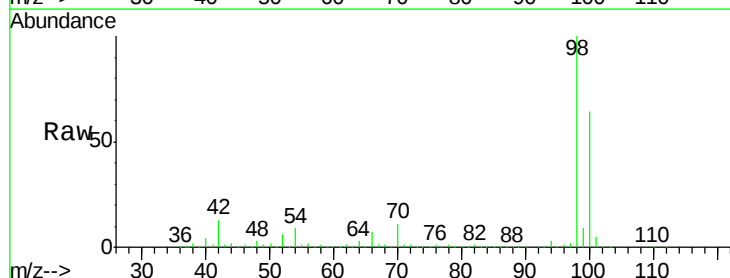
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

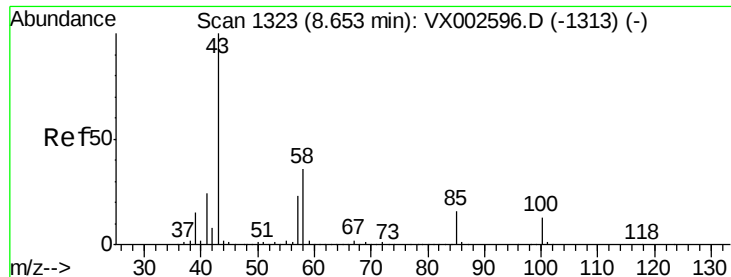
Tot Ion: 88 Resp: 60229
Ion Ratio Lower Upper
88 100
43 35.8 29.8 44.6
58 70.4 57.1 85.7



#50
Toluene-d8
Concen: 42.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 98 Resp: 431445
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 263.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

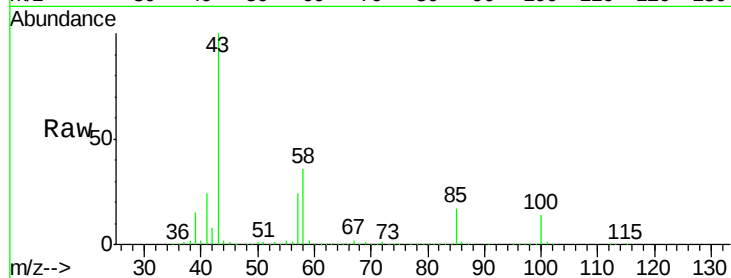
S83-0020MSD

Tot Ion: 43 Resp: 1121633

Ion Ratio Lower Upper

43 100

58 36.2 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

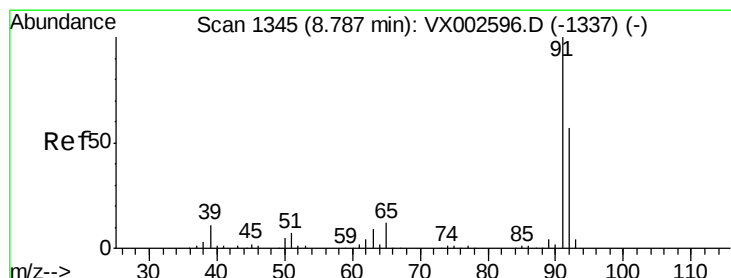
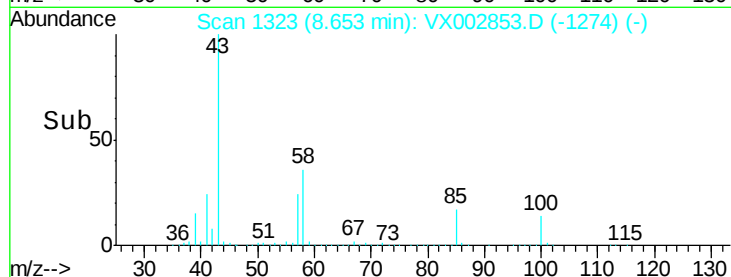
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002853.D

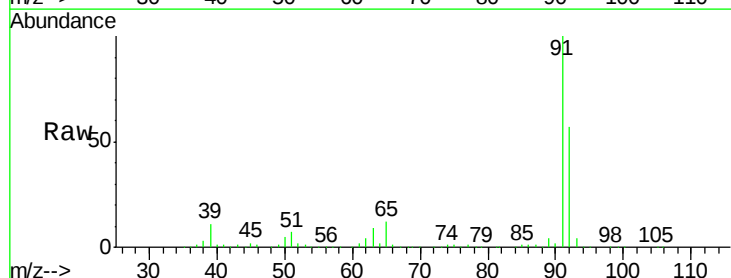
Acq: 23 Jun 2018 01:17

Tgt Ion: 92 Resp: 366744

Ion Ratio Lower Upper

92 100

91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

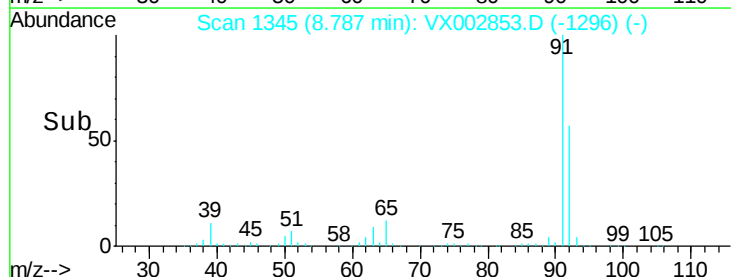
300000

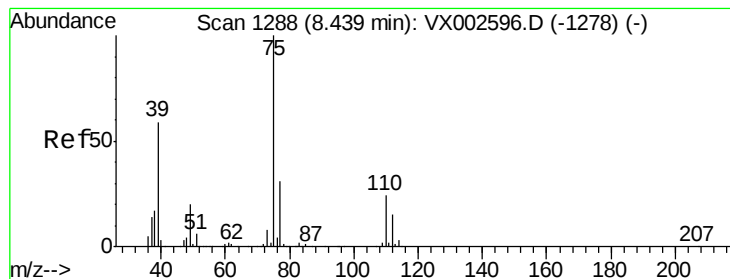
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.06 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

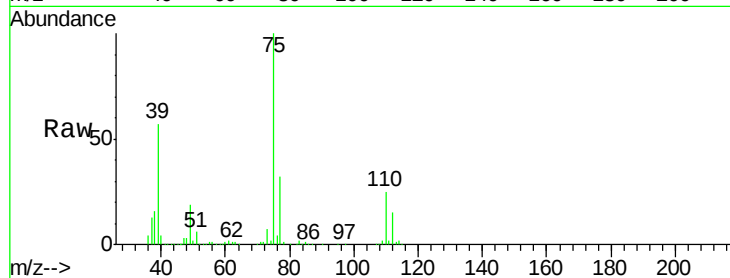
S83-0020MSD

Tot Ion: 75 Resp: 213236

Ion Ratio Lower Upper

75 100

77 32.1 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

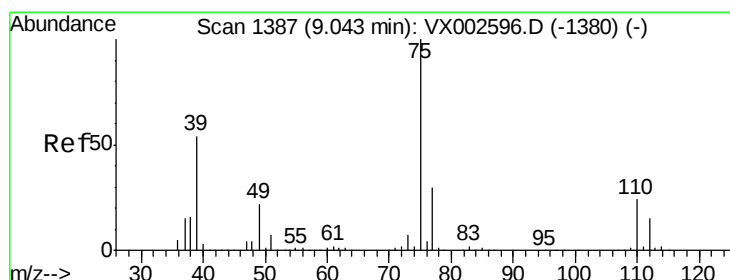
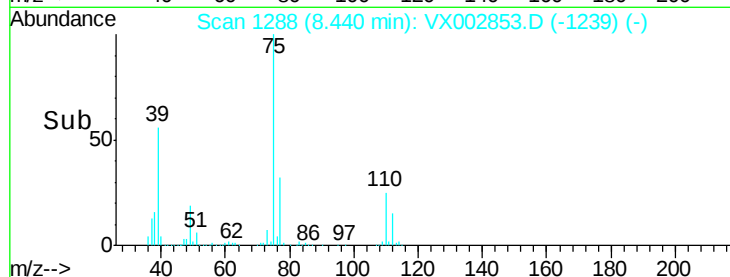
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.49 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

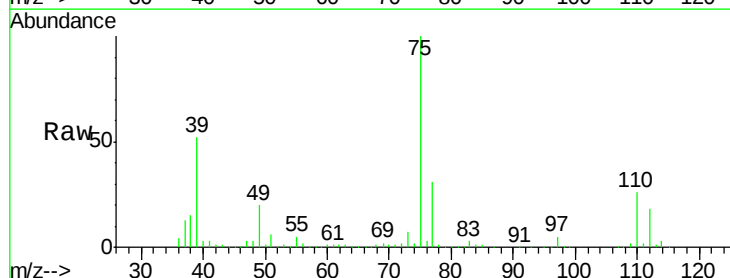
Tgt Ion: 75 Resp: 200802

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 51.7 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

9.05

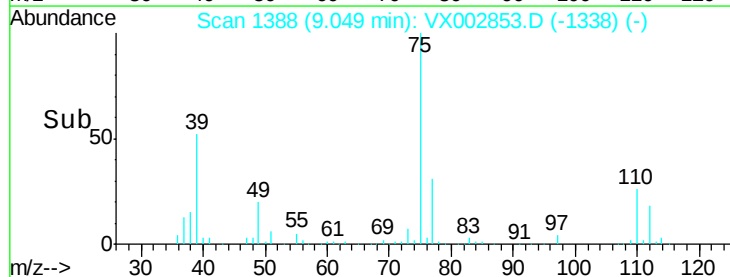
150000

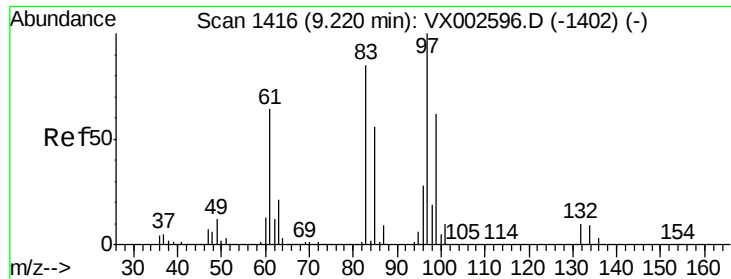
100000

50000

0

Time-->

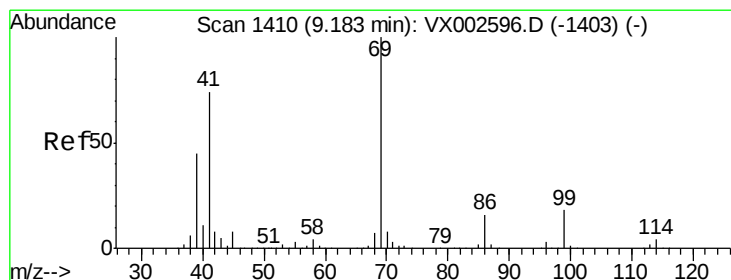
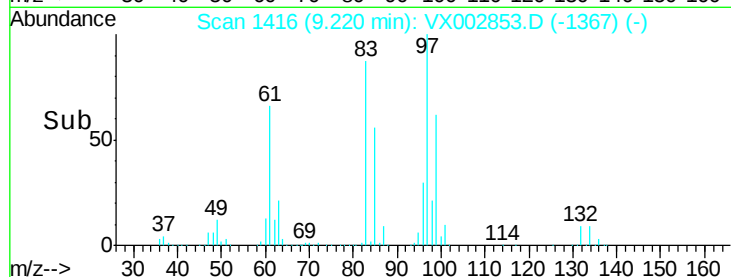
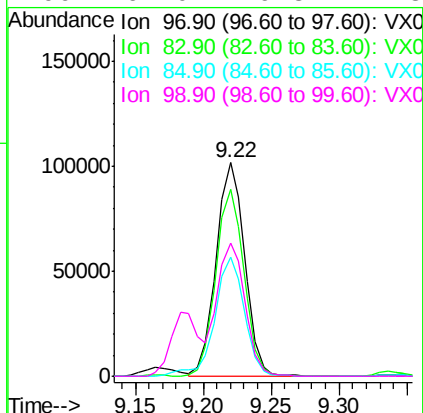
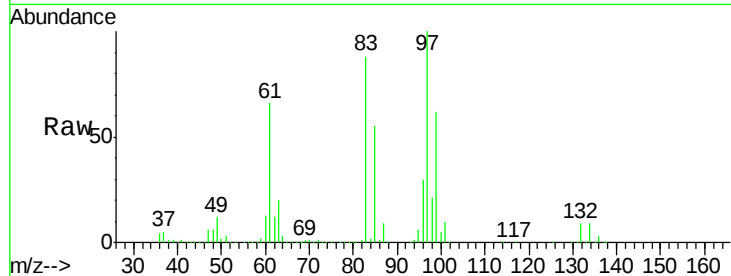




#55
 1,1,2-Trichloroethane
 Concen: 54.46 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

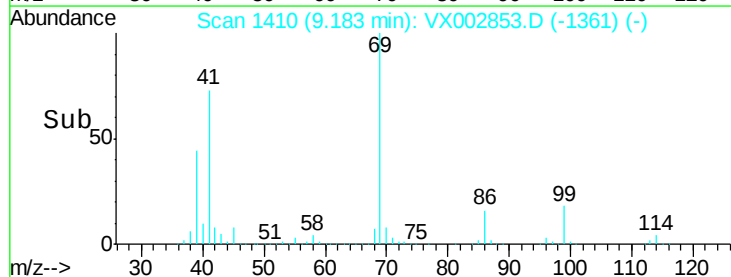
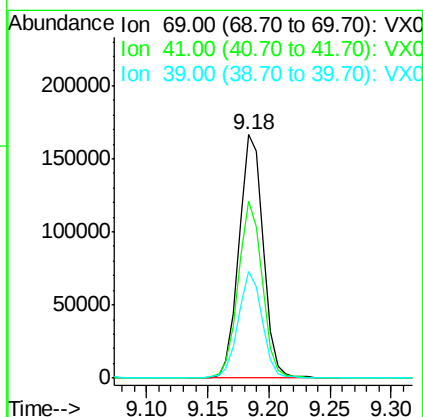
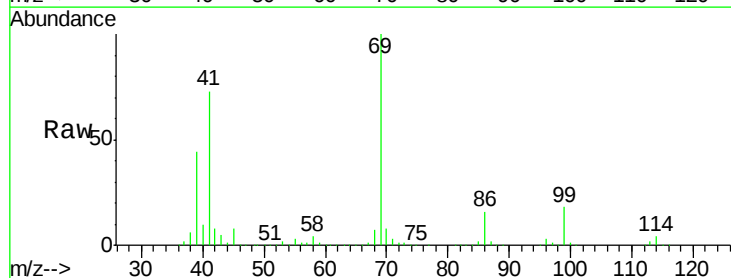
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

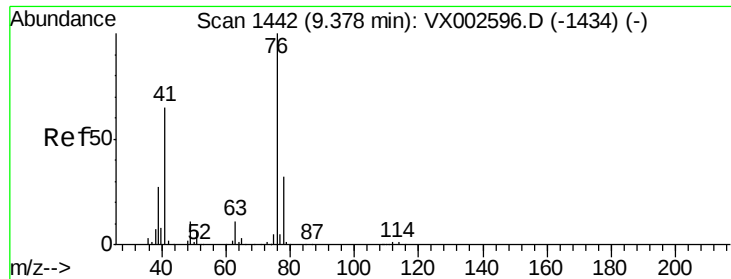
Tot Ion: 97 Resp: 148581
 Ion Ratio Lower Upper
 97 100
 83 87.4 70.2 105.2
 85 55.4 44.9 67.3
 99 62.0 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 54.07 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion: 69 Resp: 227017
 Ion Ratio Lower Upper
 69 100
 41 71.8 60.3 90.5
 39 42.7 35.8 53.8





#57

1,3-Dichloropropane

Concen: 53.07 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

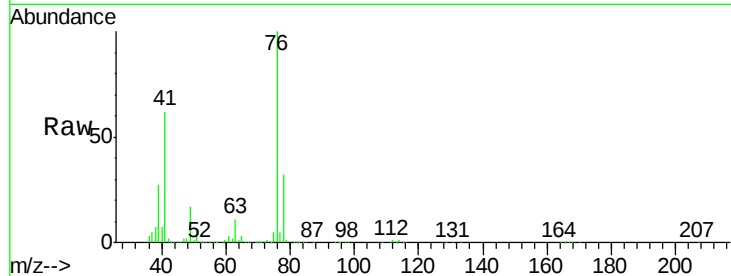
S83-0020MSD

Tot Ion: 76 Resp: 244895

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

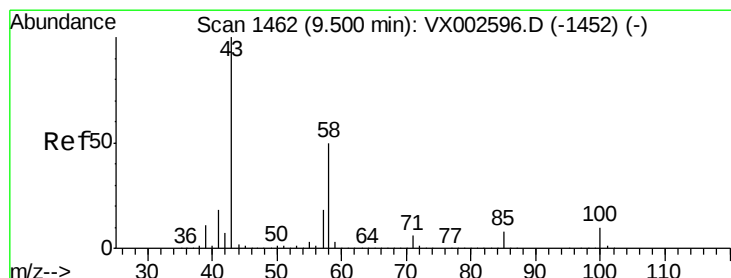
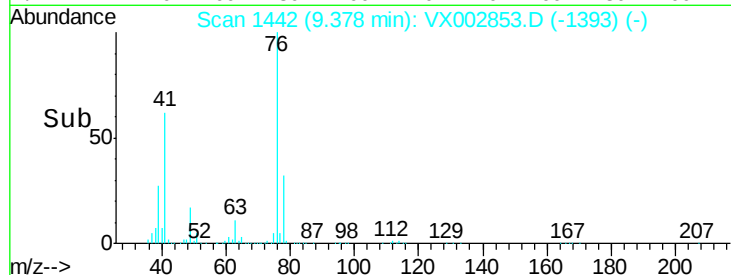
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 266.16 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX002853.D

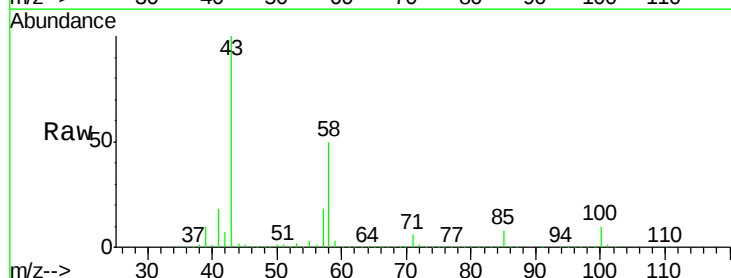
Acq: 23 Jun 2018 01:17

Tgt Ion: 43 Resp: 852454

Ion Ratio Lower Upper

43 100

58 50.3 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

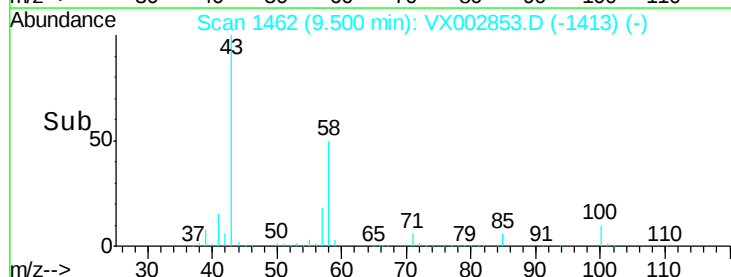
400000

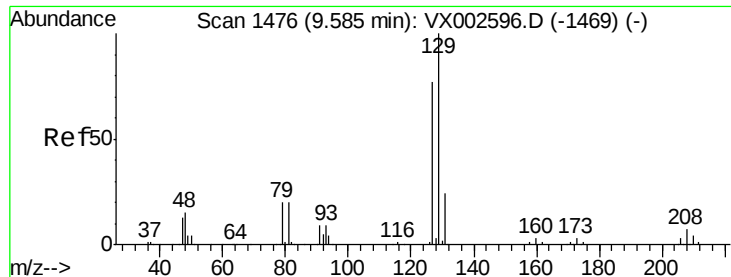
200000

0

9.40 9.45 9.50 9.55 9.60

Time-->





#60

Dibromochloromethane

Concen: 51.78 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

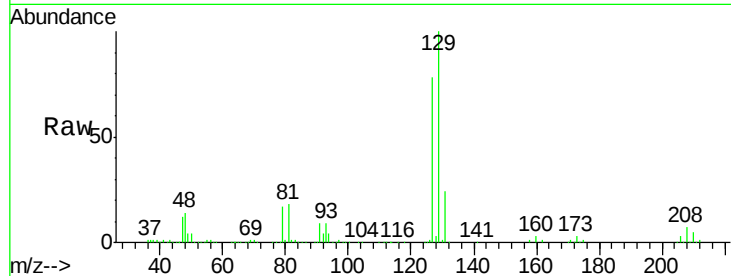
S83-0020MSD

Tot Ion:129 Resp: 159348

Ion Ratio Lower Upper

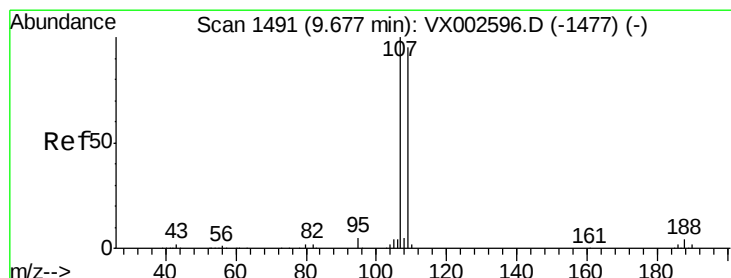
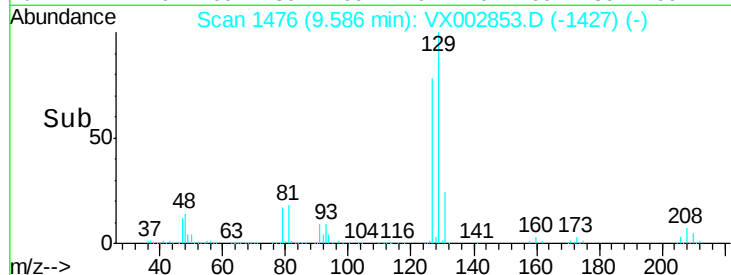
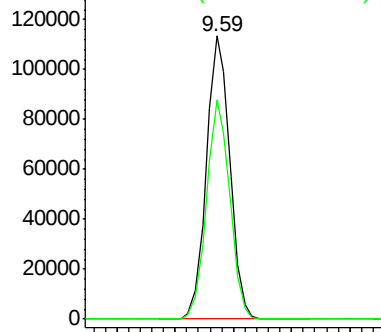
129 100

127 76.9 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: 55.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002853.D

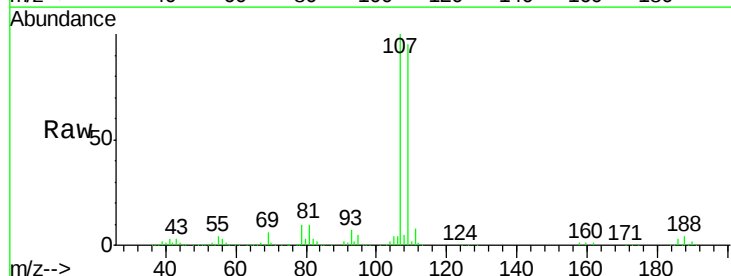
Acq: 23 Jun 2018 01:17

Tgt Ion:107 Resp: 157357

Ion Ratio Lower Upper

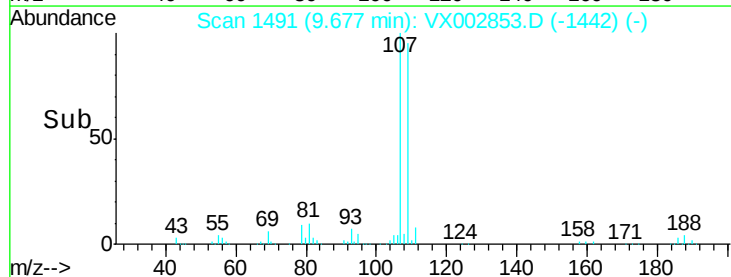
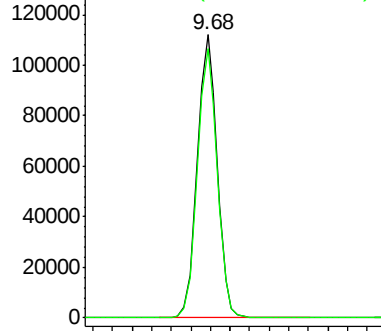
107 100

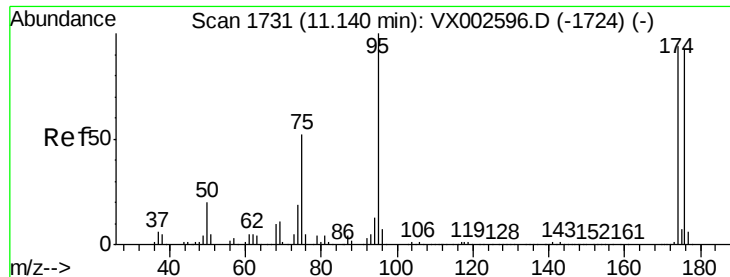
109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

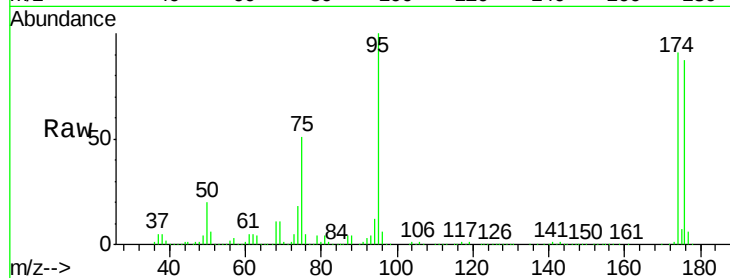
Tot Ion: 95 Resp: 176493

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

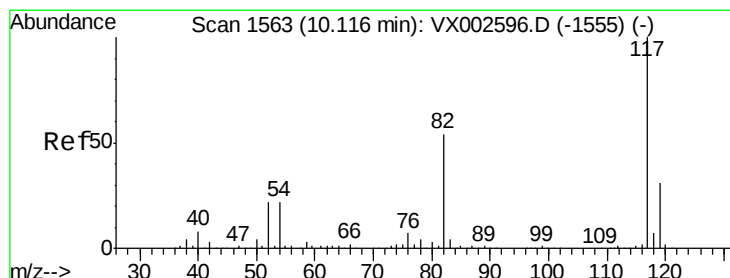
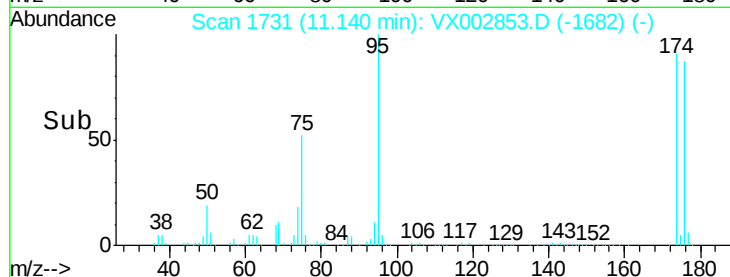
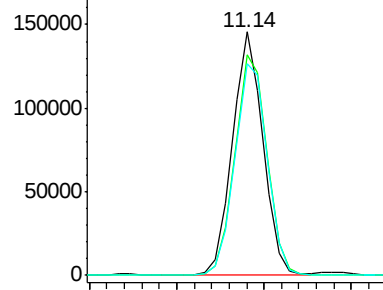
176 92.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002853.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002853.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002853.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

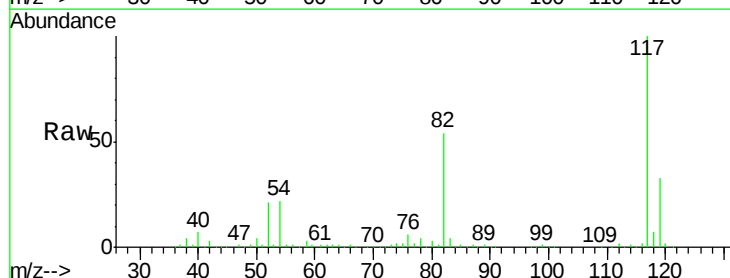
Tgt Ion: 117 Resp: 316051

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

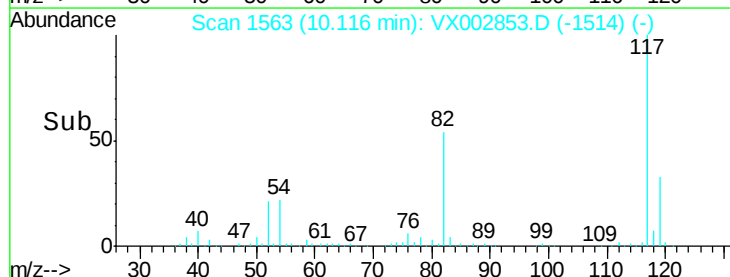
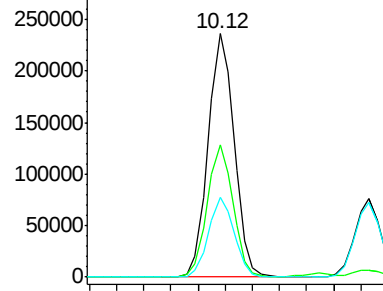
119 32.5 25.8 38.6

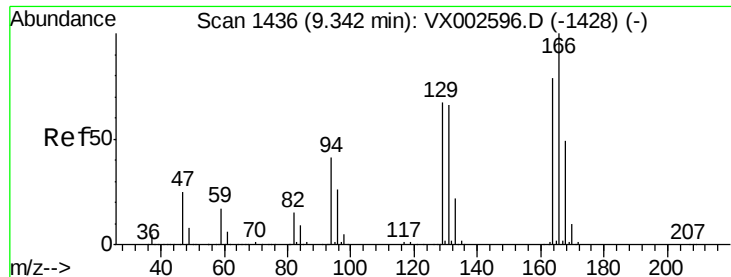


Abundance Ion 116.90 (116.60 to 117.60): VX002853.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002853.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002853.D (-1514) (-)

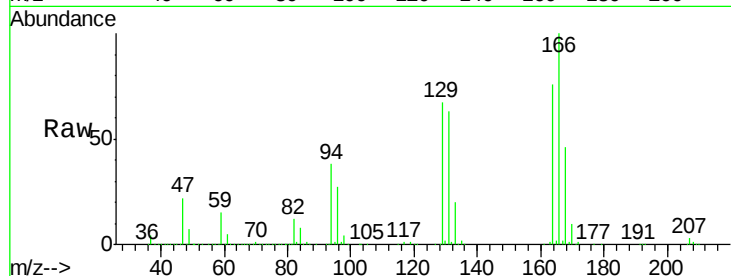




#64
Tetrachloroethene
Concen: 46.68 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	164	166	129	131
Ion	100	130.8	87.3	82.5
Ratio		102.9	68.6	66.8
Lower		154.3	102.8	100.2
Upper				

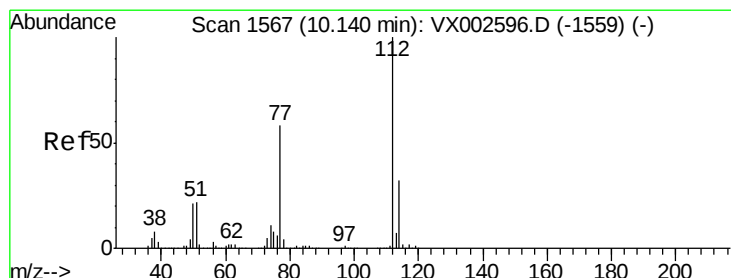
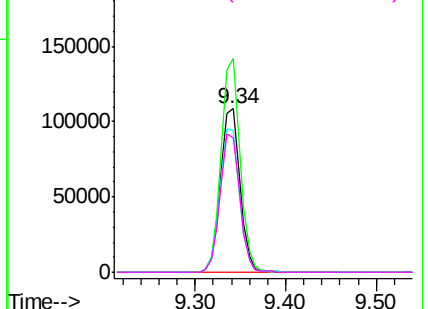
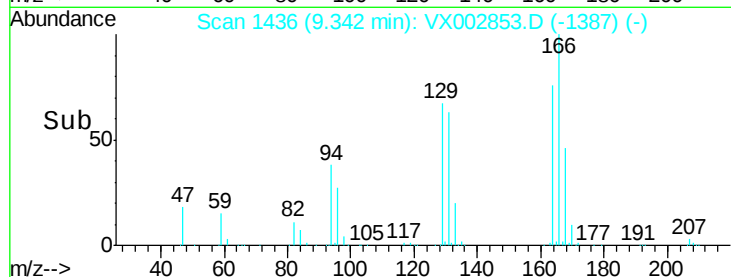


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

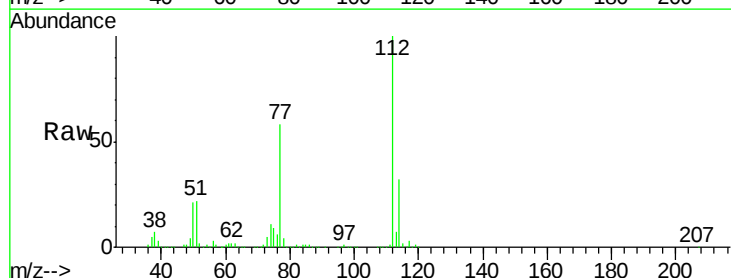
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



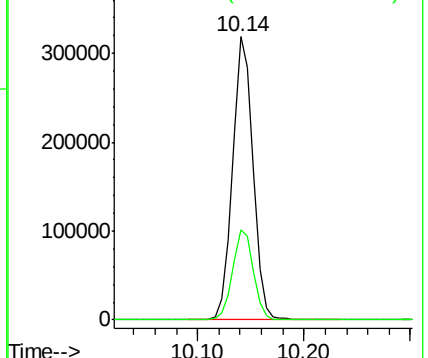
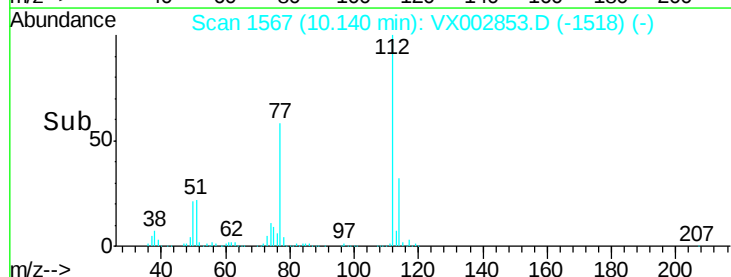
#65
Chlorobenzene
Concen: 55.41 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

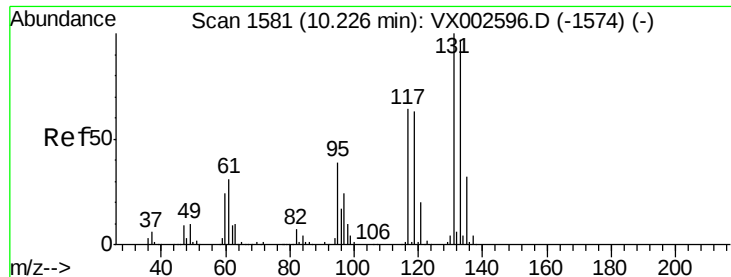
Tgt Ion	112	114
Ion	100	32.1
Ratio		25.3
Lower		37.9
Upper		



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 59.32 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

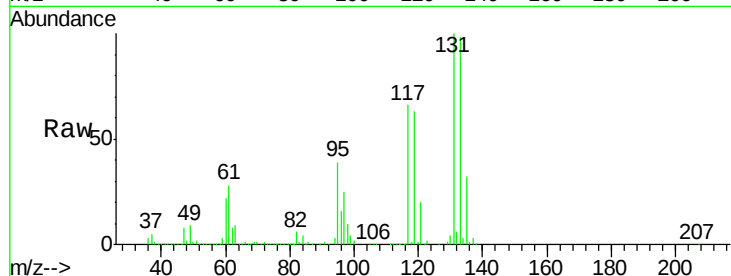
Tot Ion:131 Resp: 156982

Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

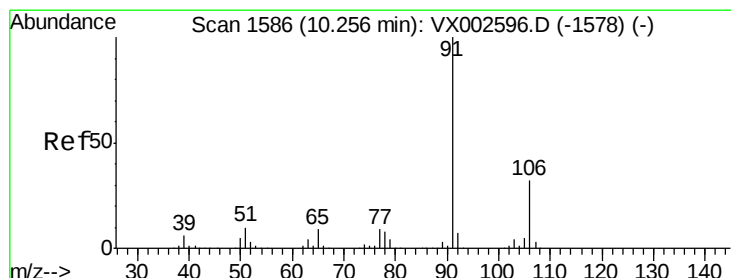
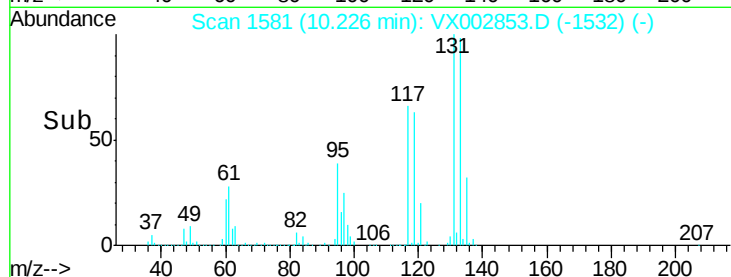
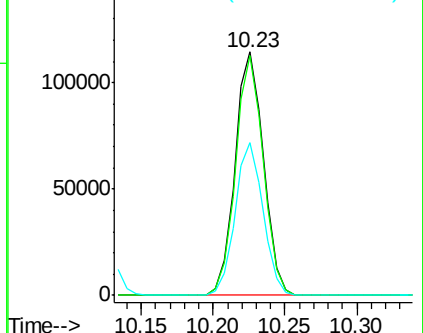
119 61.9 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 68.23 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002853.D

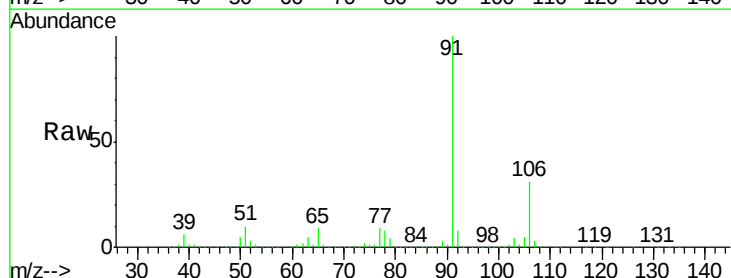
Acq: 23 Jun 2018 01:17

Tgt Ion: 91 Resp: 893292

Ion Ratio Lower Upper

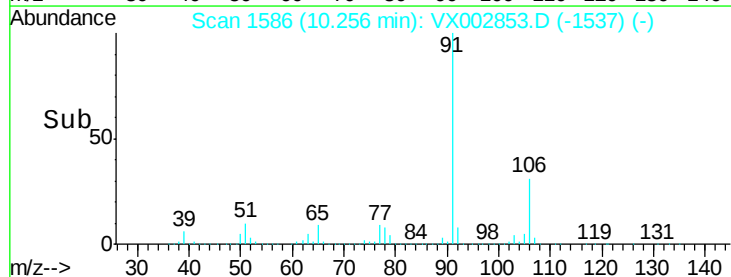
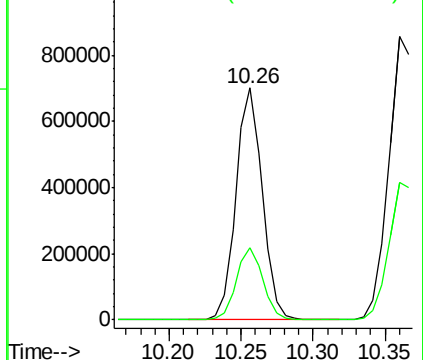
91 100

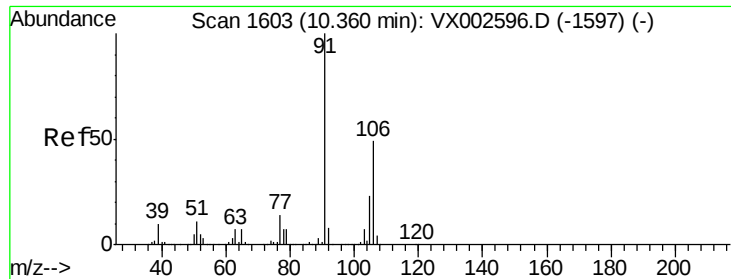
106 31.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

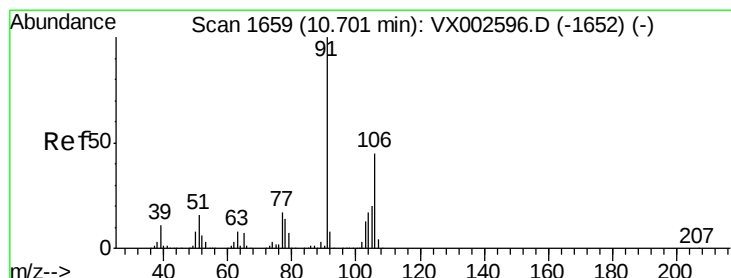
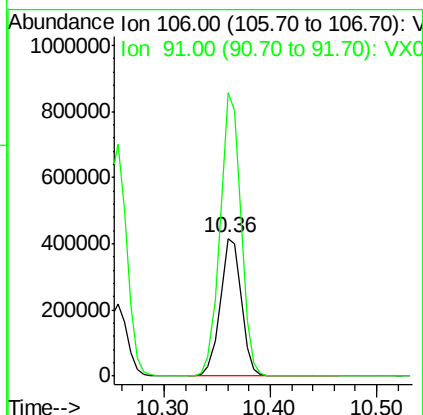
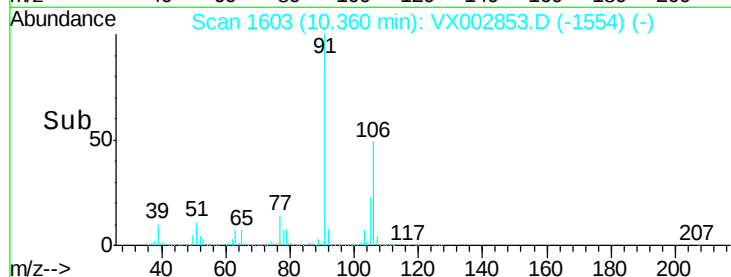
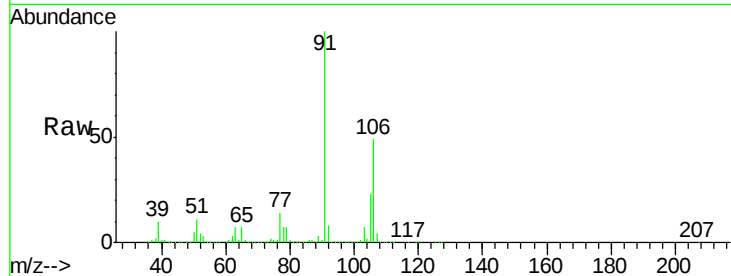




#68
m/p-Xylenes
Concen: 114.05 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

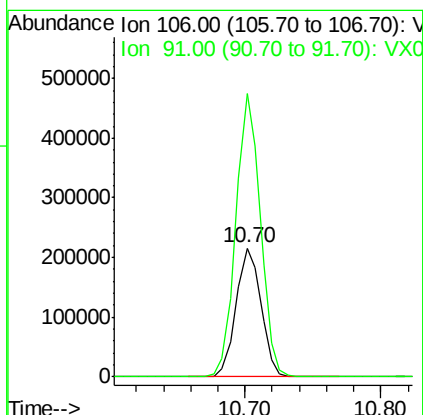
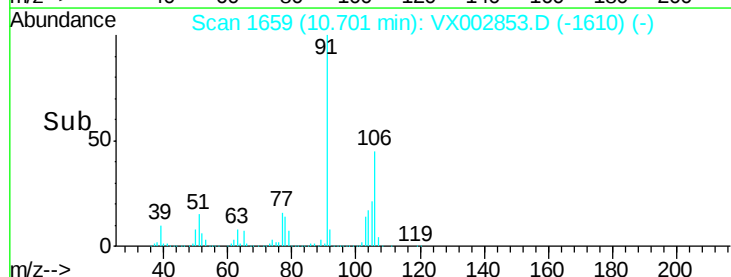
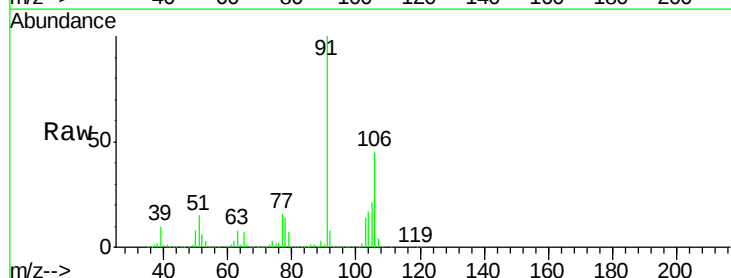
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

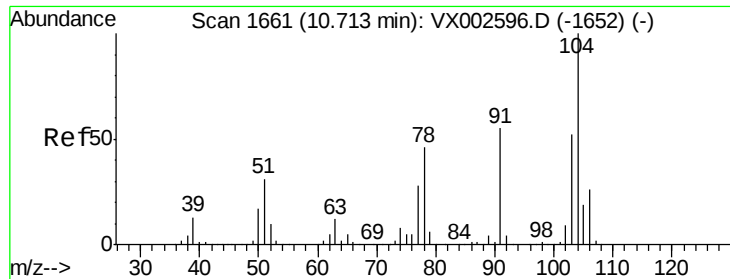
Tot Ion:106 Resp: 575968
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2



#69
o-Xylene
Concen: 55.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion:106 Resp: 276122
Ion Ratio Lower Upper
106 100
91 215.5 108.2 324.6

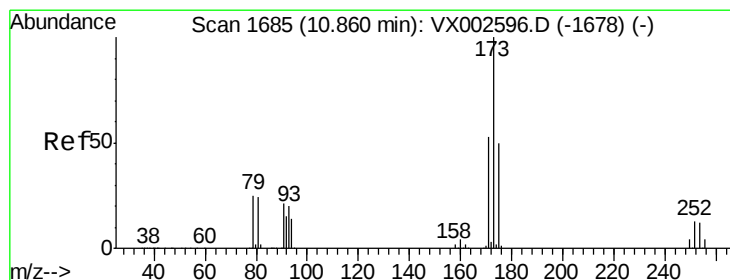
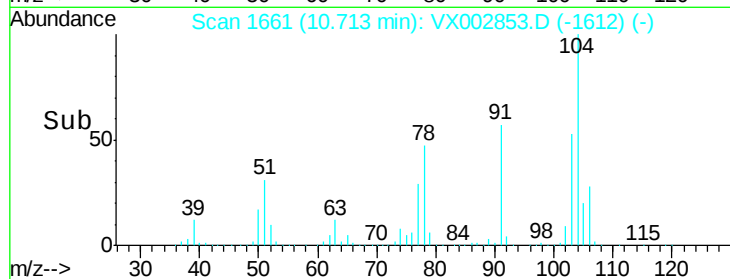
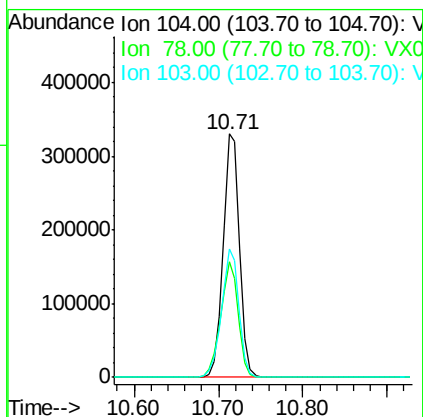
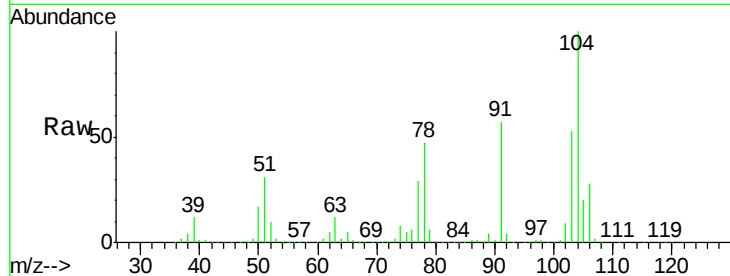




#70
Stvrene
Concen: 54.30 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

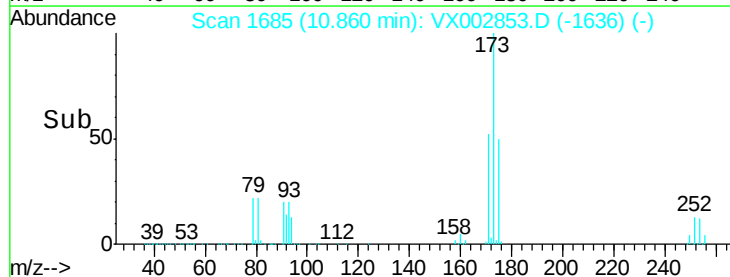
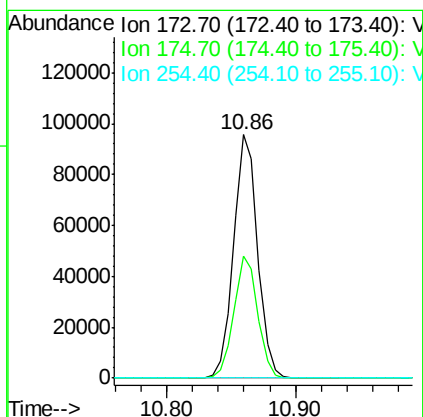
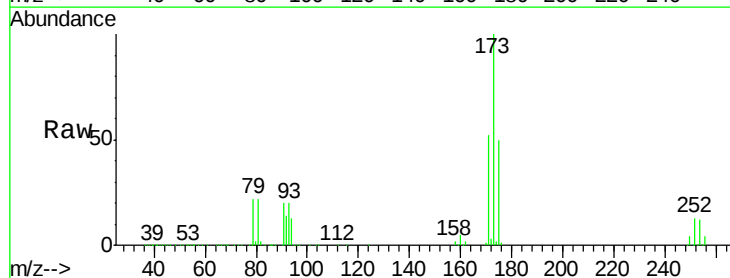
Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

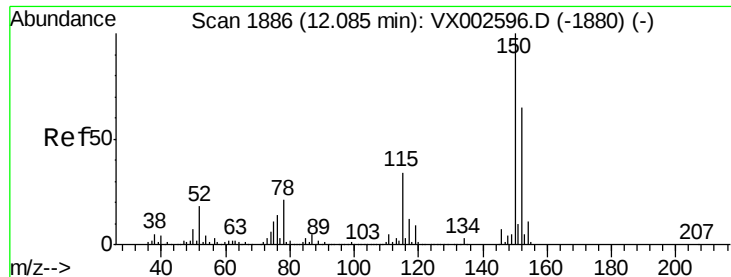
Tot Ion:104 Resp: 443082
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.9 44.2 66.4



#71
Bromoform
Concen: 51.32 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion:173 Resp: 123985
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

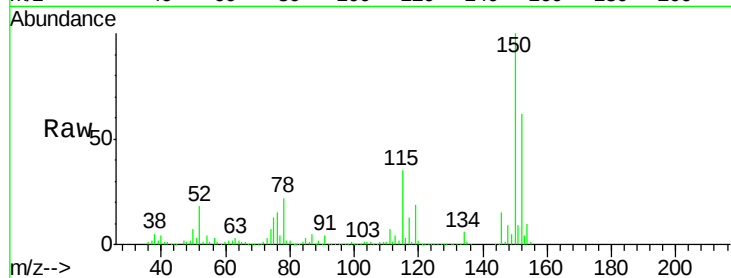
Tot Ion:152 Resp: 200079

Ion Ratio Lower Upper

152 100

115 81.3 40.1 120.2

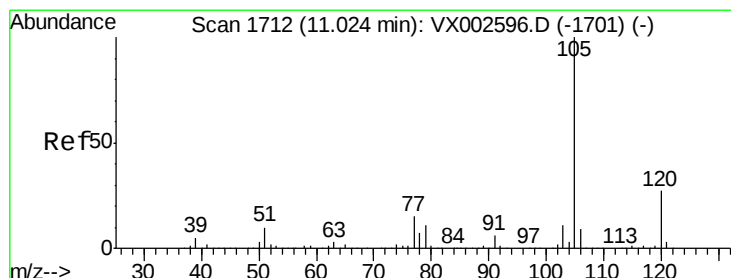
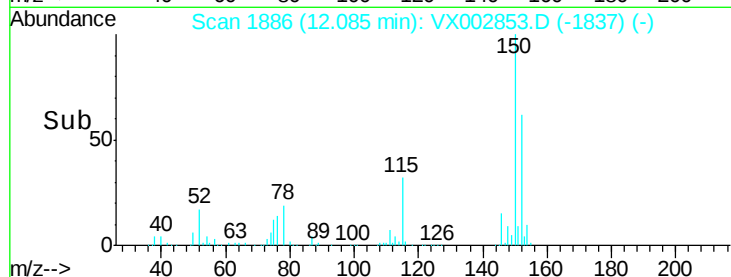
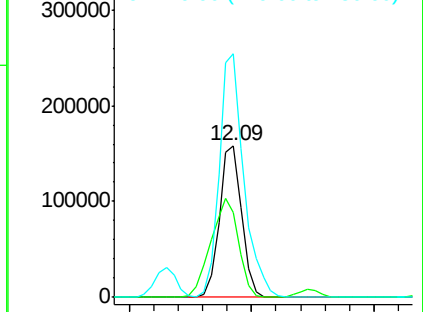
150 177.4 0.0 347.2



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: 56.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002853.D

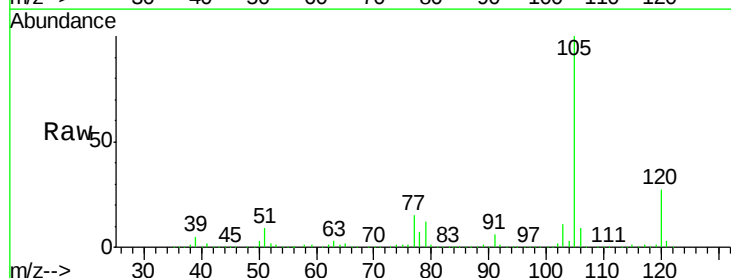
Acq: 23 Jun 2018 01:17

Tgt Ion:105 Resp: 754567

Ion Ratio Lower Upper

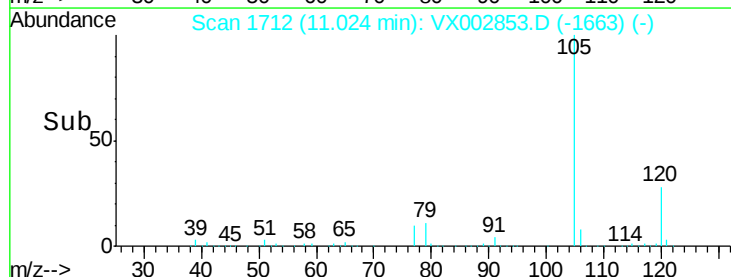
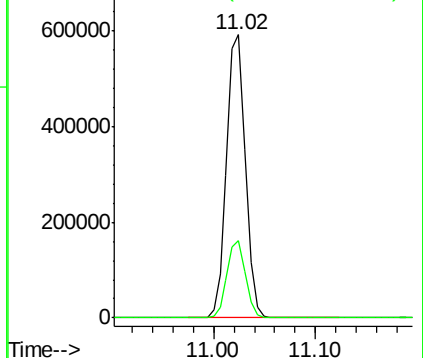
105 100

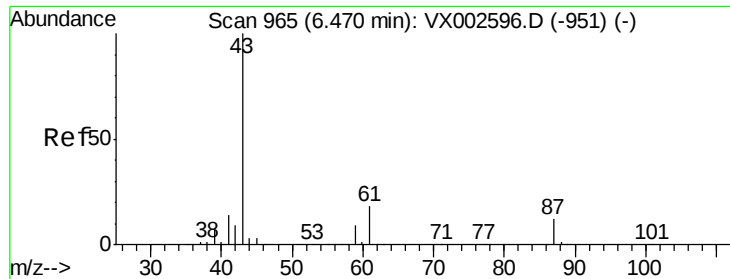
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 43 Resp: 332213

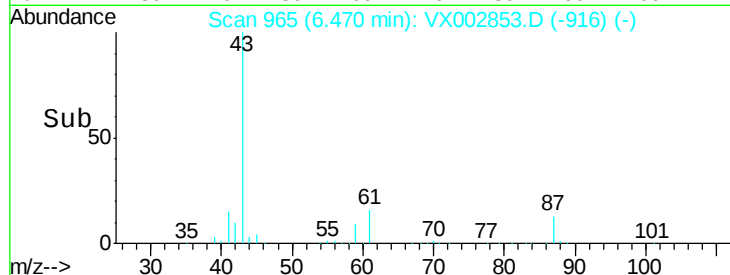
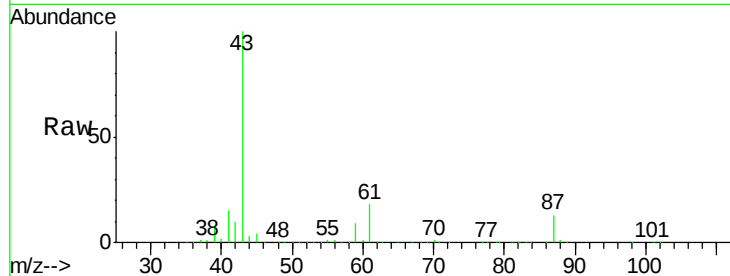
Ion Ratio Lower Upper

43 100

70 1.1 0.0 0.0#

55 1.2 0.0 0.0#

61 18.3 14.4 21.6

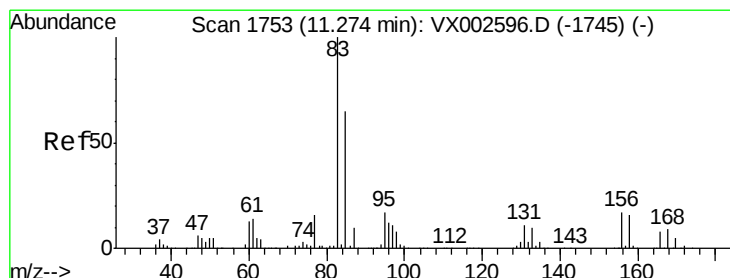
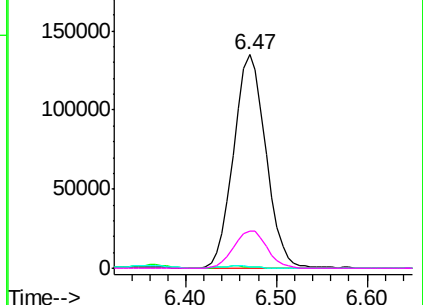


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 58.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

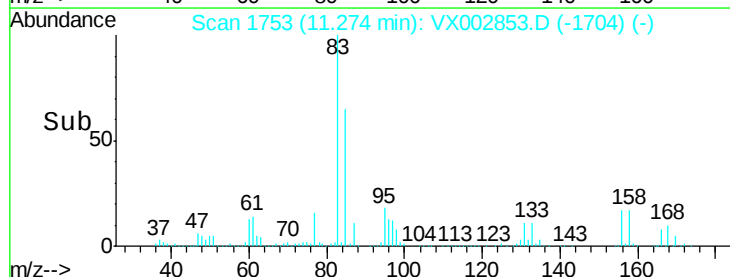
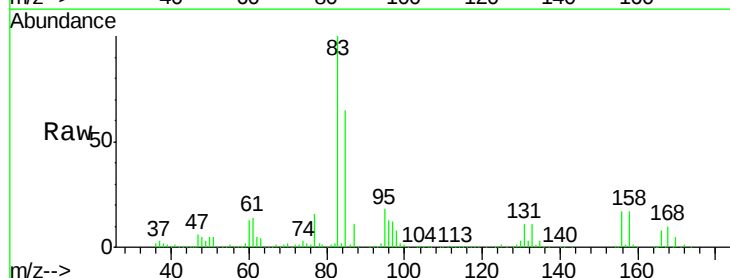
Tgt Ion: 83 Resp: 230644

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

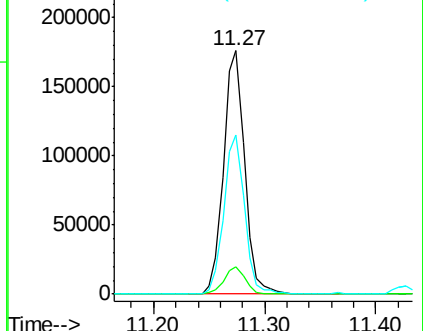
85 64.6 32.4 97.2

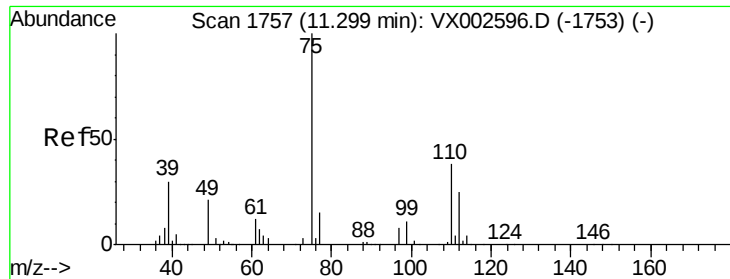


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.02 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

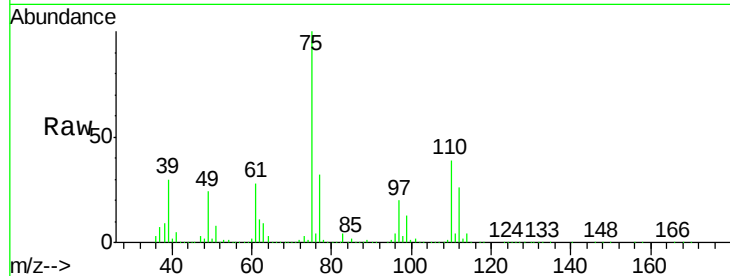
S83-0020MSD

Tot Ion: 75 Resp: 245471

Ion Ratio Lower Upper

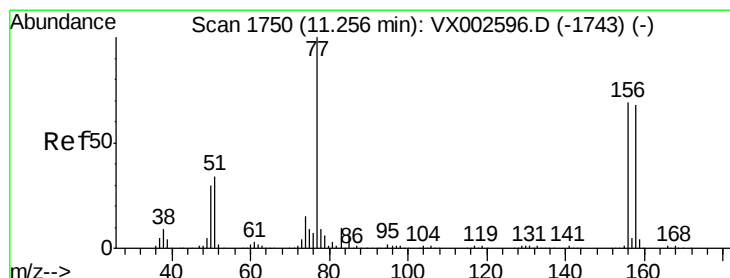
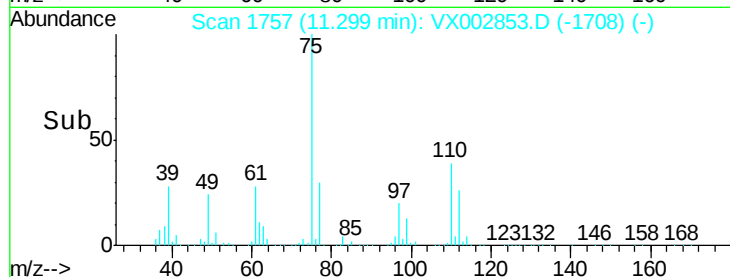
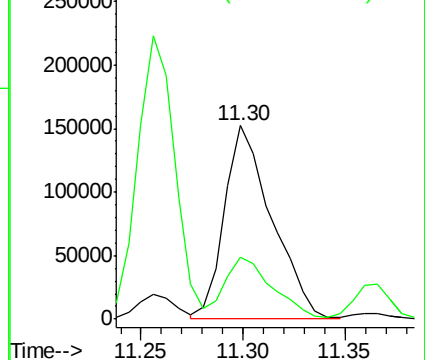
75 100

77 32.3 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: 55.31 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

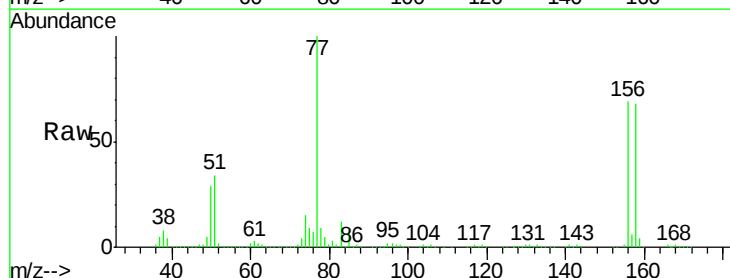
Tgt Ion: 156 Resp: 206180

Ion Ratio Lower Upper

156 100

77 136.9 71.4 214.2

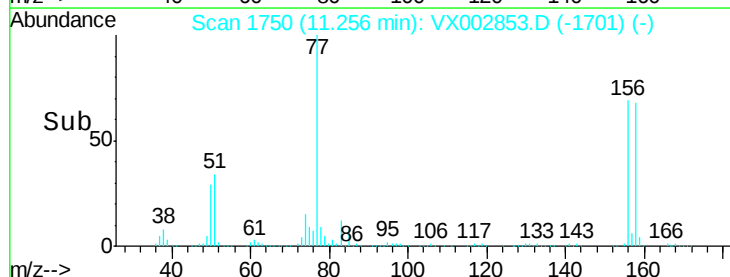
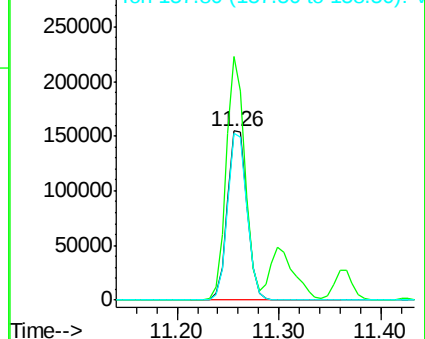
158 97.1 48.9 146.6

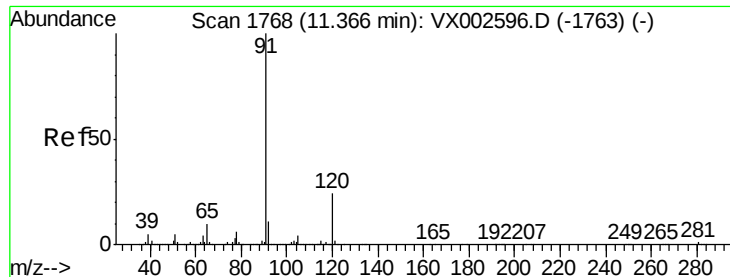


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 55.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

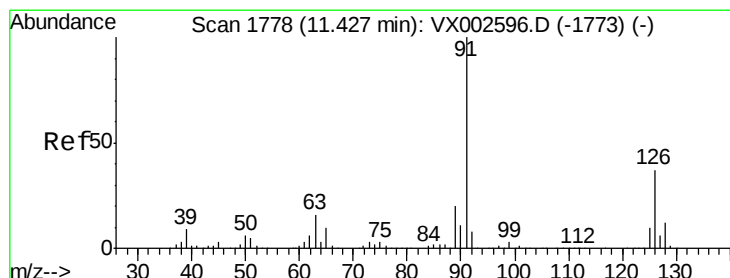
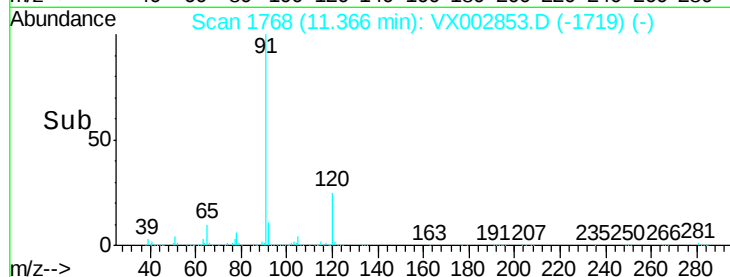
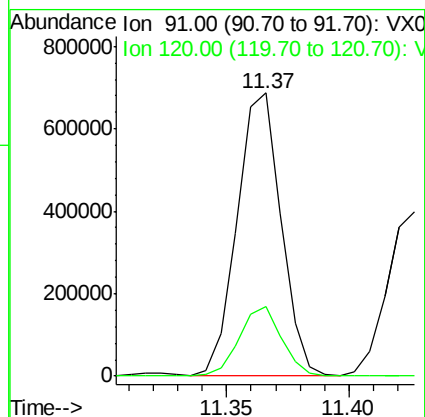
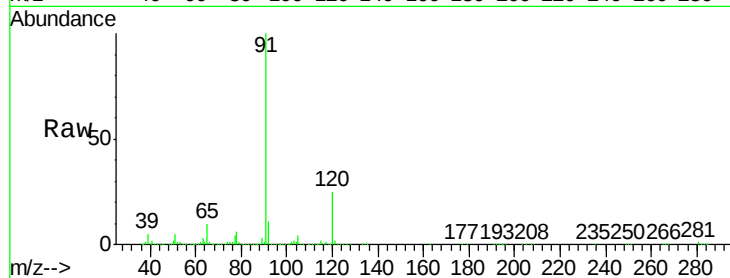
S83-0020MSD

Tot Ion: 91 Resp: 855629

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4



#79

2-Chlorotoluene

Concen: 54.59 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002853.D

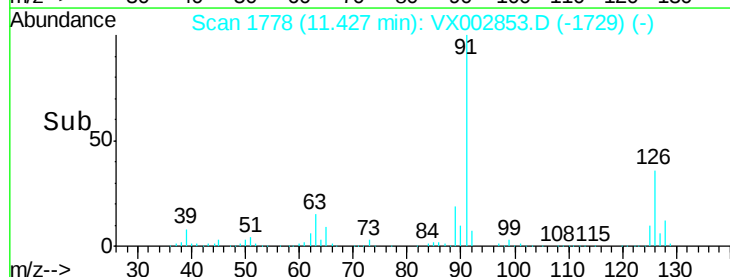
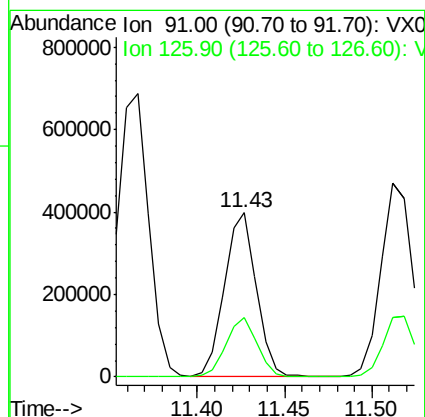
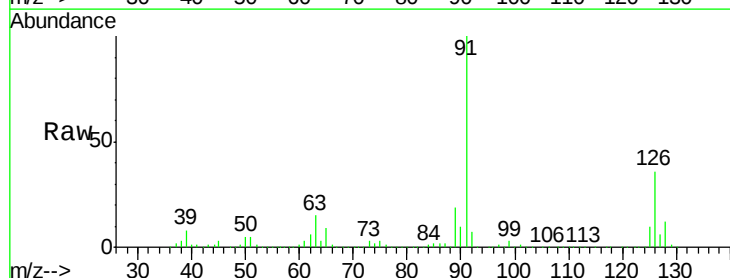
Acq: 23 Jun 2018 01:17

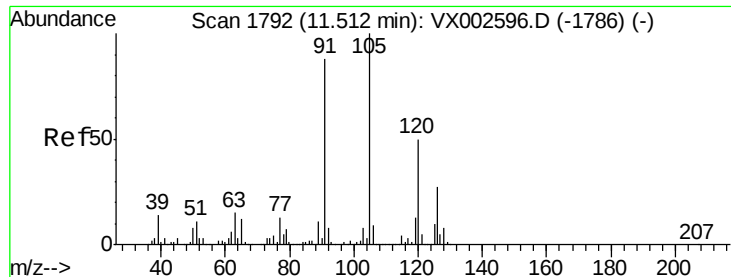
Tgt Ion: 91 Resp: 500231

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1





#80

1,3,5-Trimethylbenzene

Concen: 55.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampled :

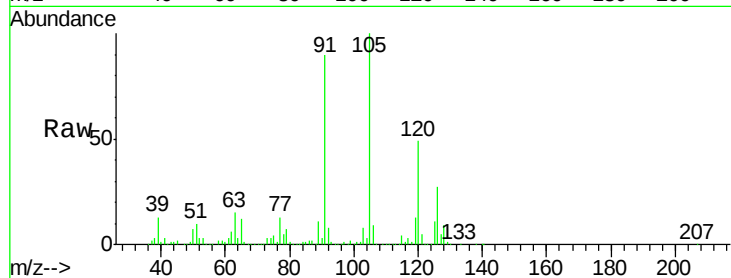
S83-0020MSD

Tot Ion:105 Resp: 622114

Ion Ratio Lower Upper

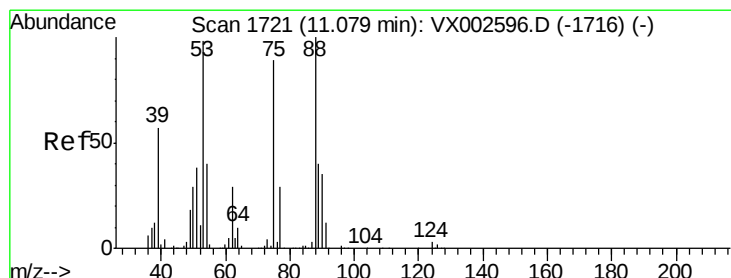
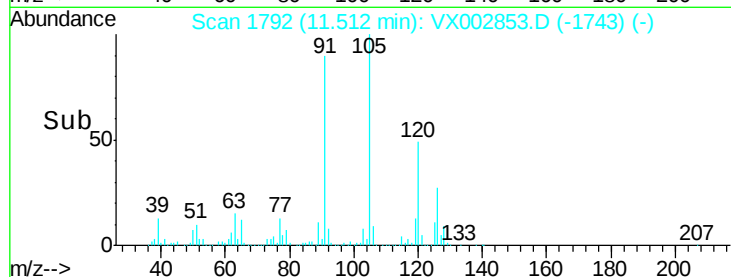
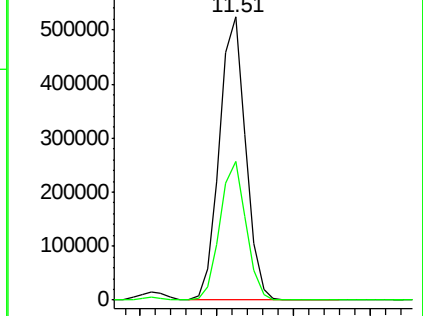
105 100

120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 42.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

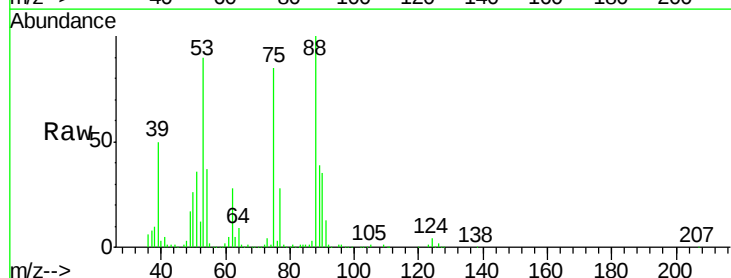
Tgt Ion: 75 Resp: 49174

Ion Ratio Lower Upper

75 100

53 114.2 86.8 130.2

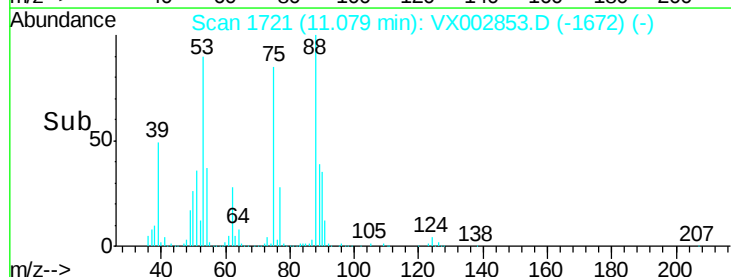
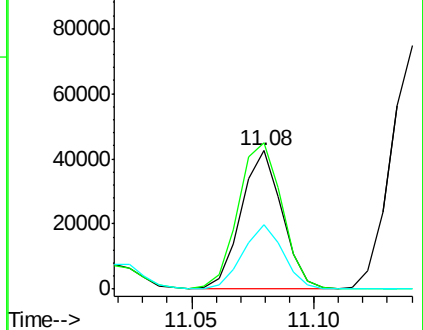
89 46.7 38.2 57.2

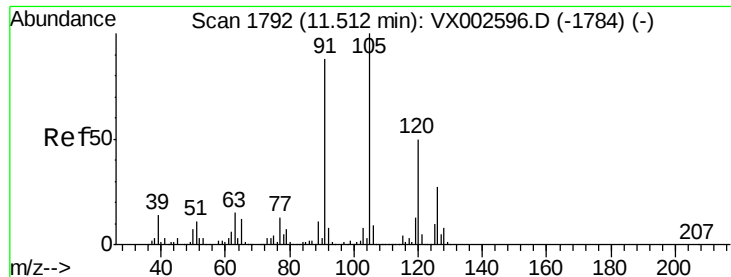


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 54.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampled :

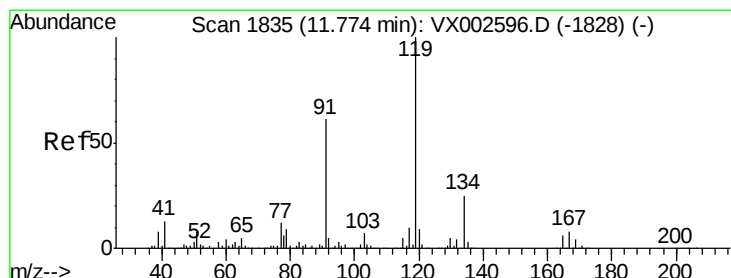
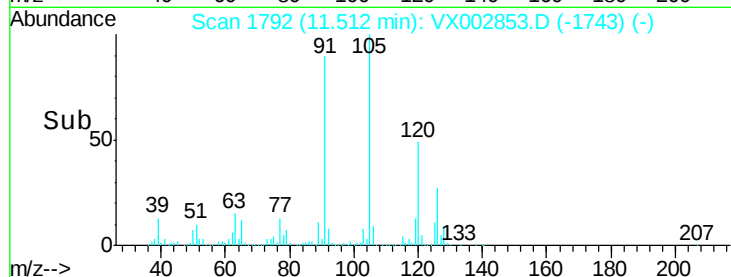
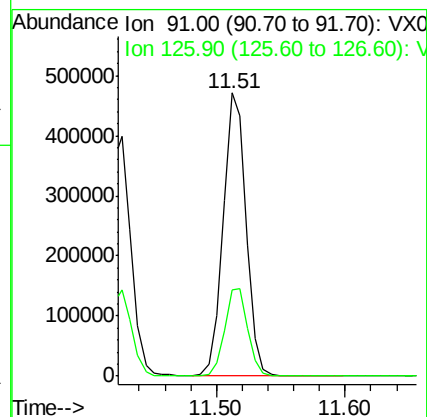
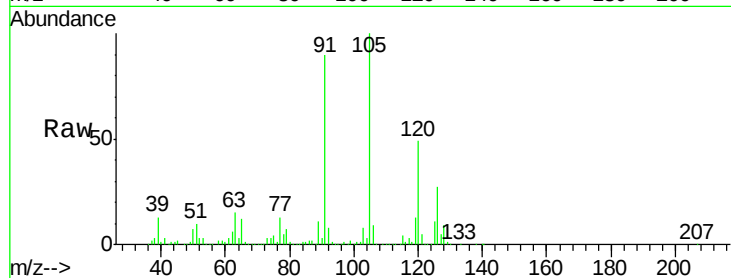
S83-0020MSD

Tot Ion: 91 Resp: 590949

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4



#83

tert-Butylbenzene

Concen: 58.45 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

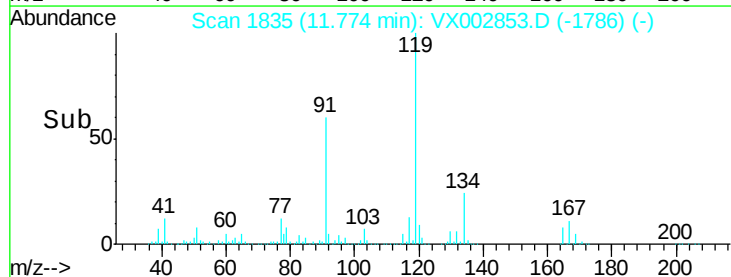
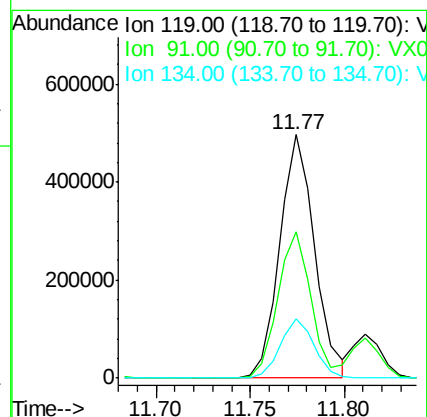
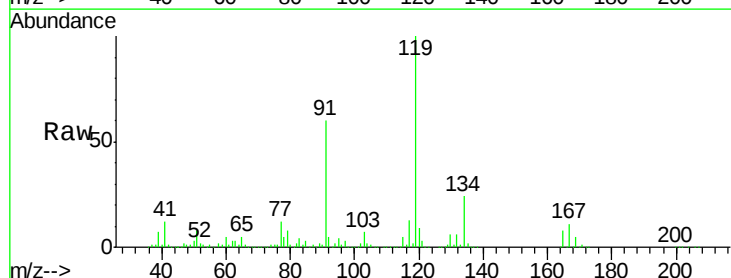
Tgt Ion: 119 Resp: 636730

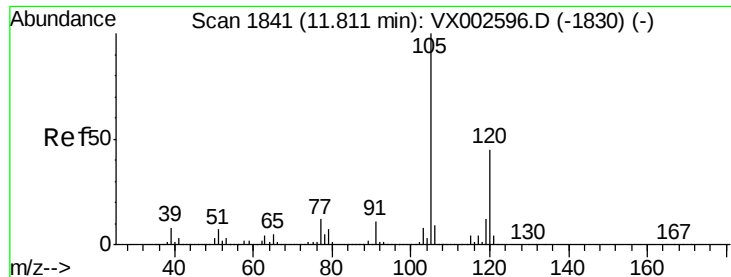
Ion Ratio Lower Upper

119 100

91 56.5 30.3 90.9

134 23.6 11.7 35.1

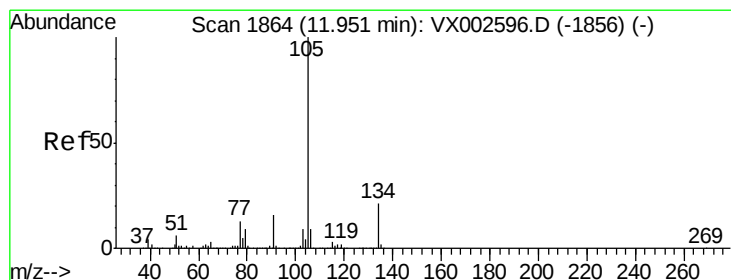
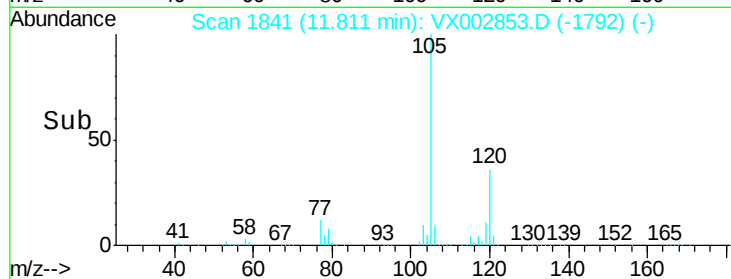
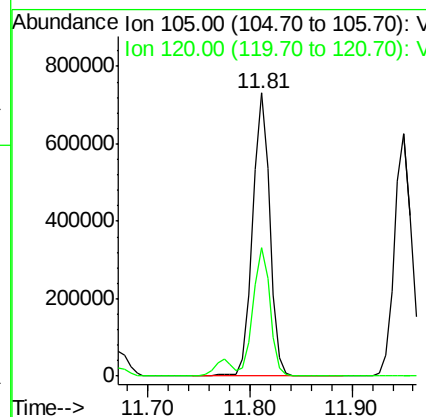
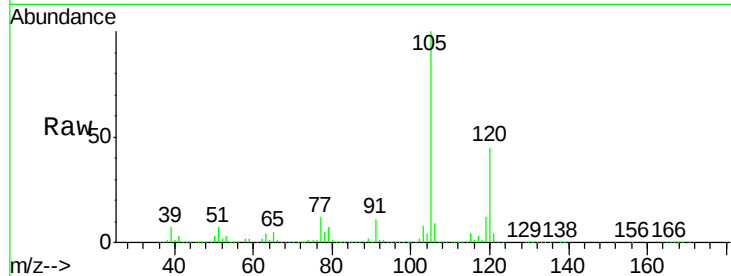




#84
 1,2,4-Trimethylbenzene
 Concen: 74.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

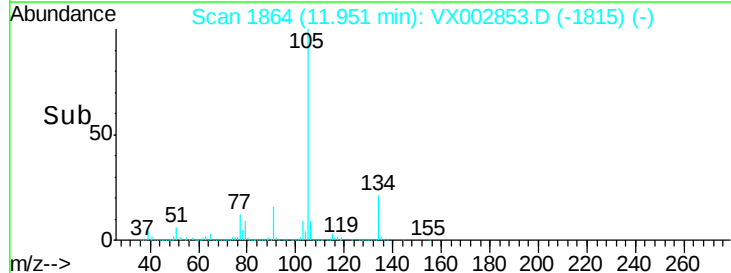
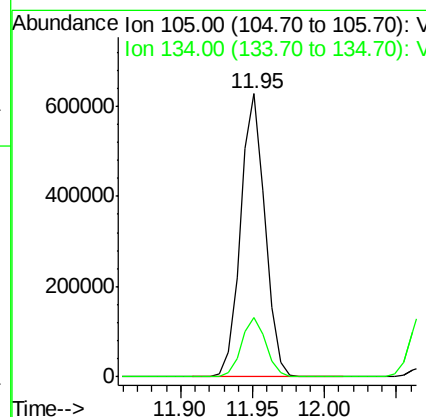
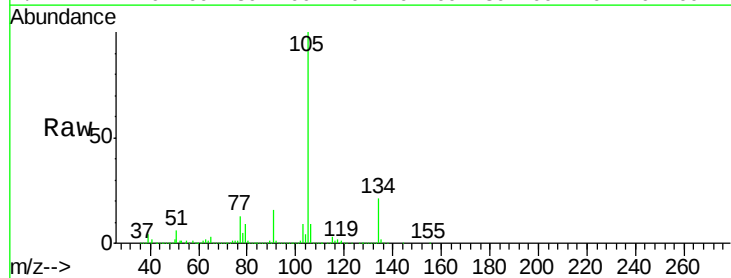
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

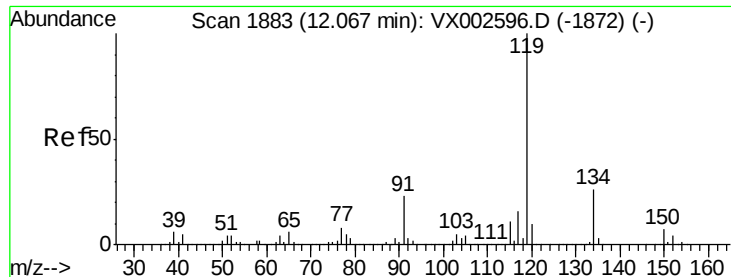
Tot Ion:105 Resp: 855868
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 54.61 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion:105 Resp: 739751
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1





#86

p-Isopropyltoluene

Concen: 55.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

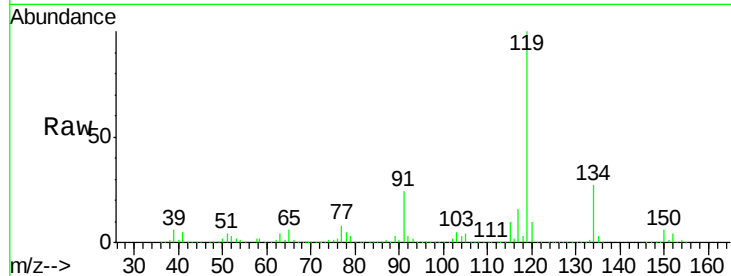
Tot Ion:119 Resp: 680950

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

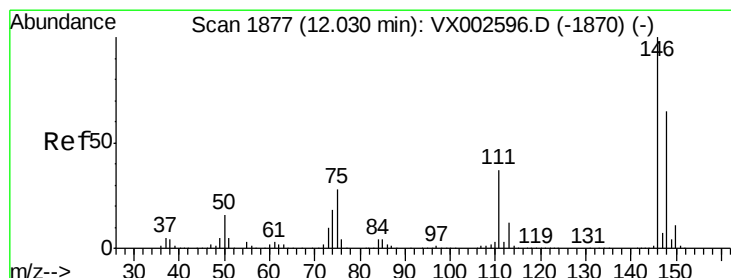
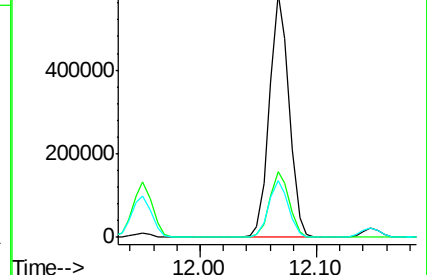
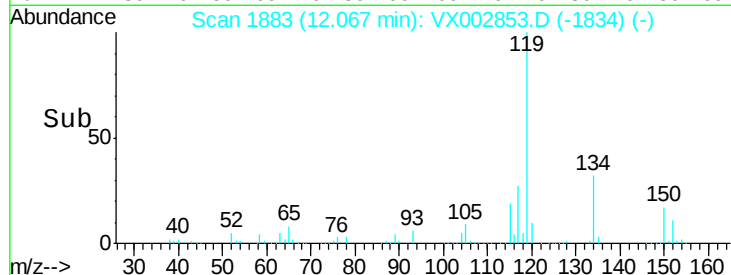
91 23.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 54.34 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

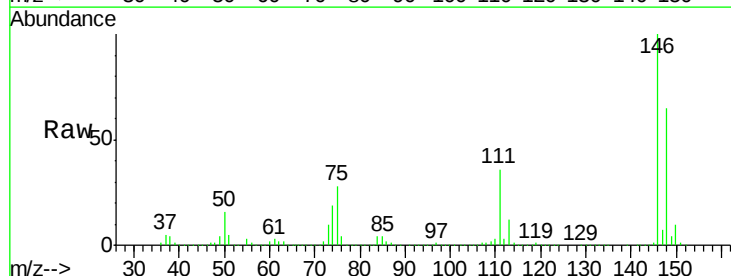
Tgt Ion:146 Resp: 371539

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

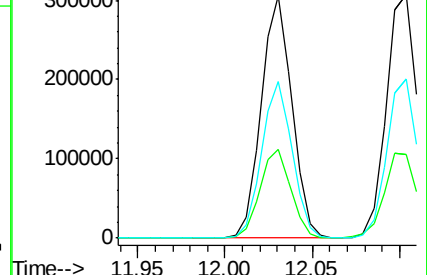
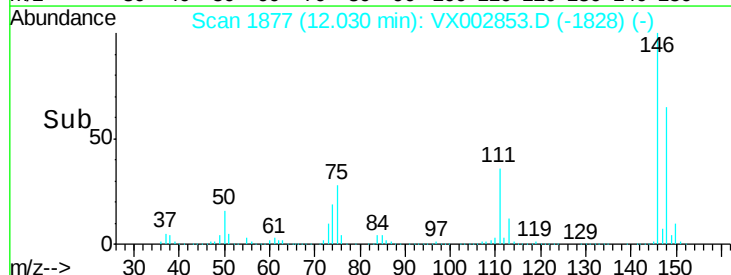
148 64.5 32.1 96.3

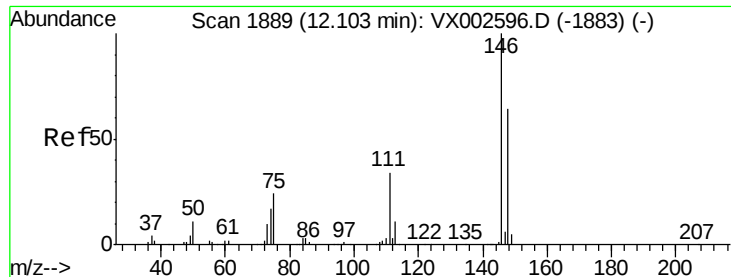


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 54.52 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

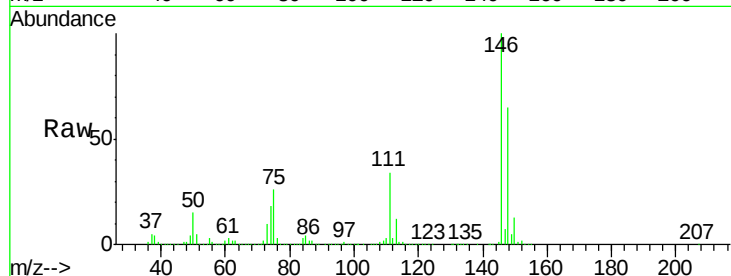
Tot Ion:146 Resp: 379276

Ion Ratio Lower Upper

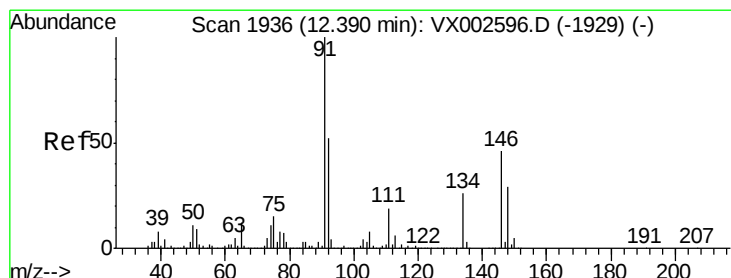
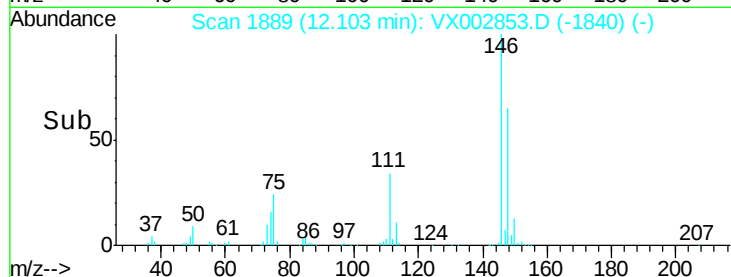
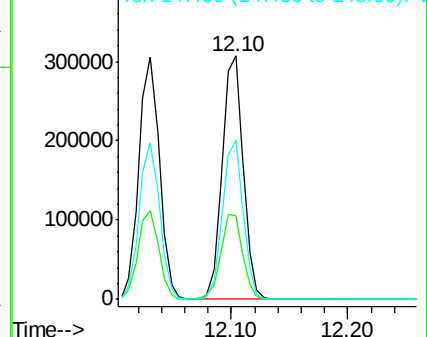
146 100

111 36.2 18.7 56.1

148 64.5 32.4 97.0



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



#89

n-Butylbenzene

Concen: 54.25 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

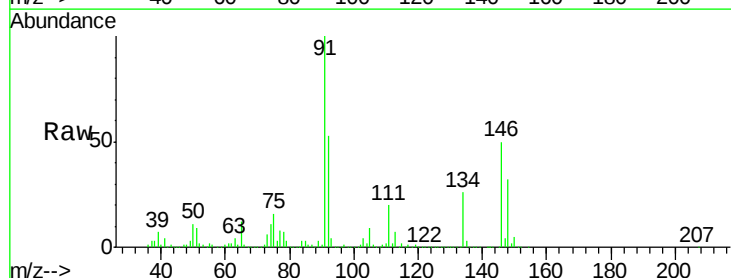
Tgt Ion: 91 Resp: 586554

Ion Ratio Lower Upper

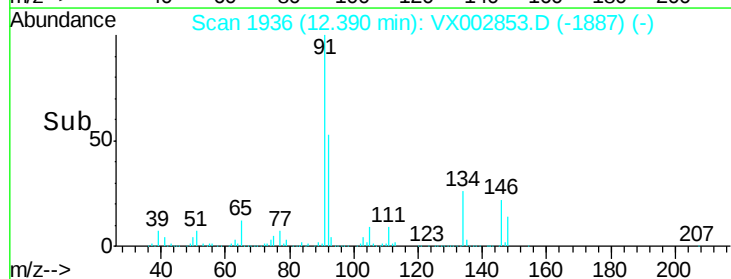
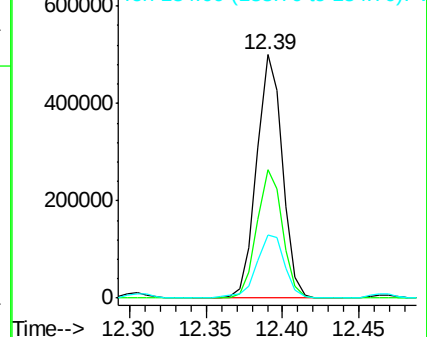
91 100

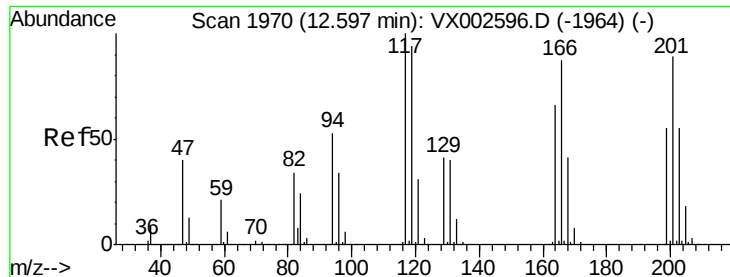
92 52.2 26.0 78.0

134 28.4 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 54.62 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

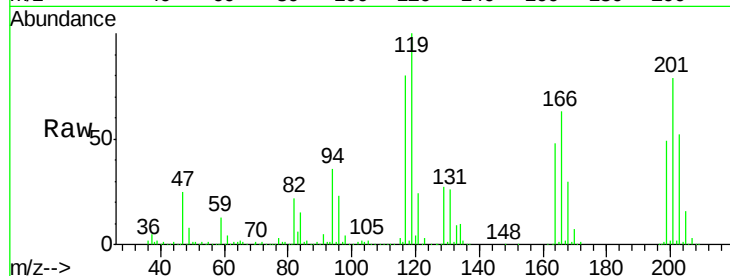
S83-0020MSD

Tot Ion:117 Resp: 104840

Ion Ratio Lower Upper

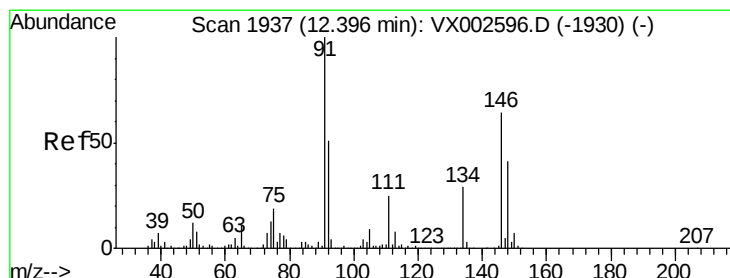
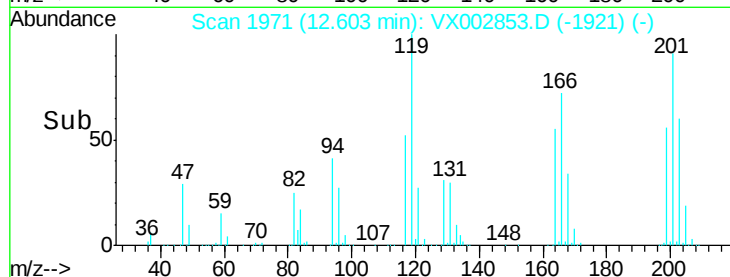
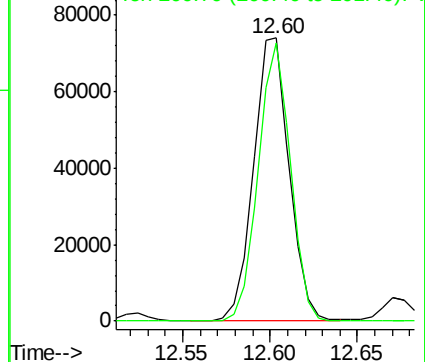
117 100

201 88.6 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: 54.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

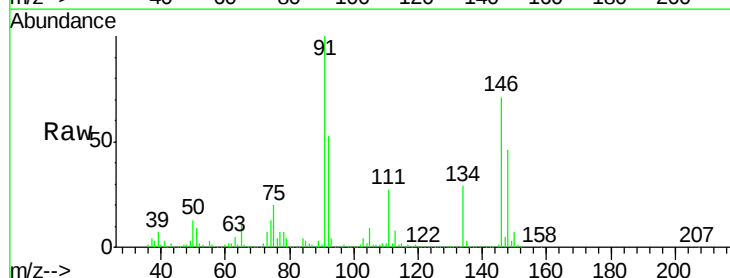
Tgt Ion:146 Resp: 377939

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

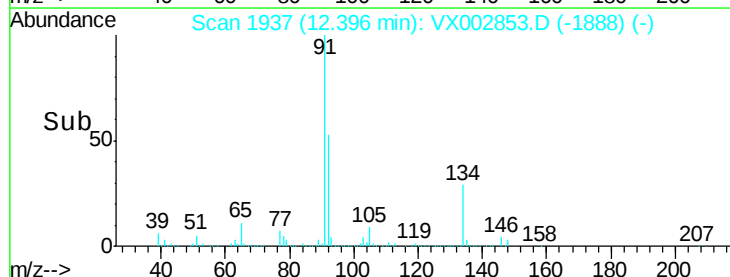
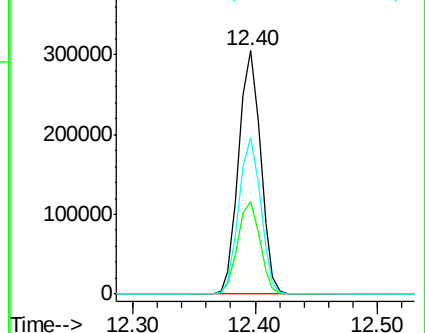
148 64.1 31.7 95.1

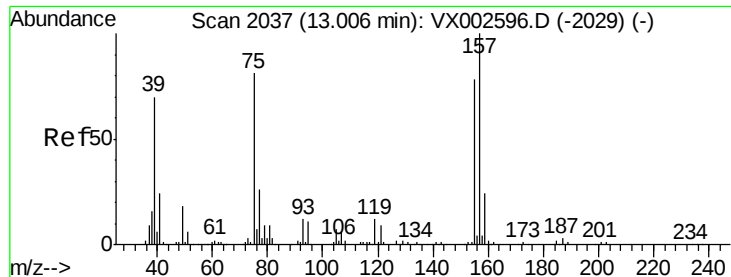


Abundance Ion 145.90 (145.60 to 146.60): V

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: 64.59 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

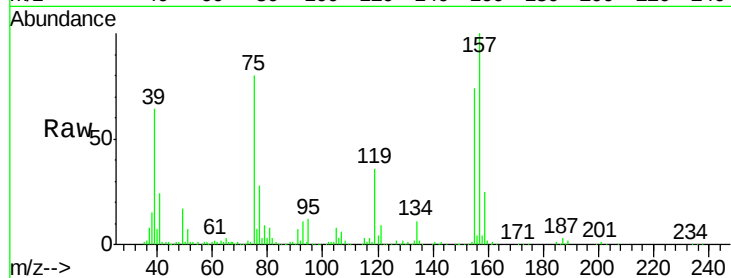
Tot Ion: 75 Resp: 53461

Ion Ratio Lower Upper

75 100

155 90.2 45.8 137.4

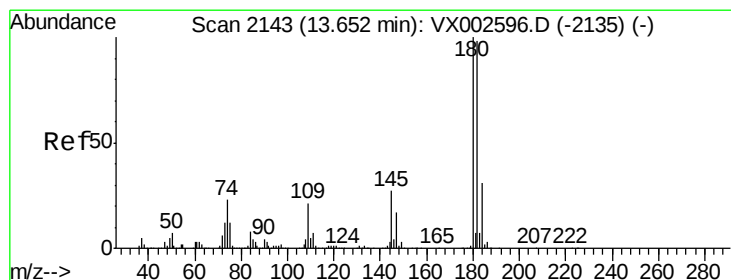
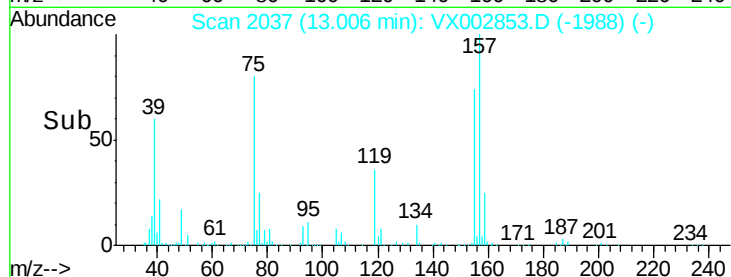
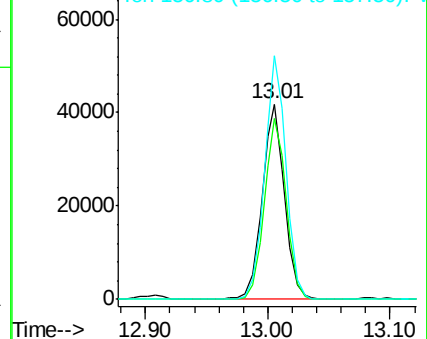
157 118.4 60.1 180.3



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: 56.68 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

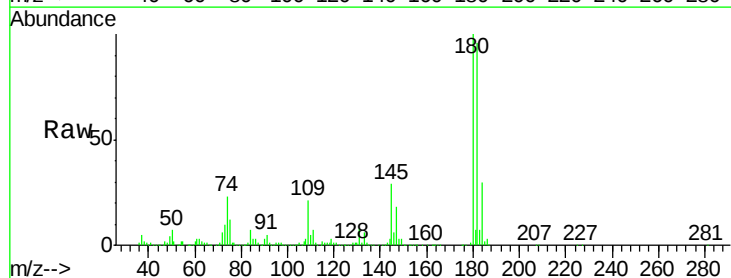
Tgt Ion:180 Resp: 283055

Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

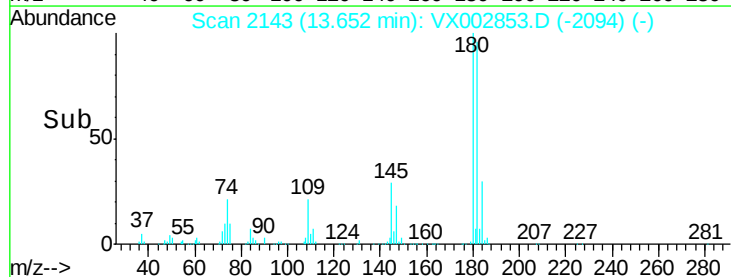
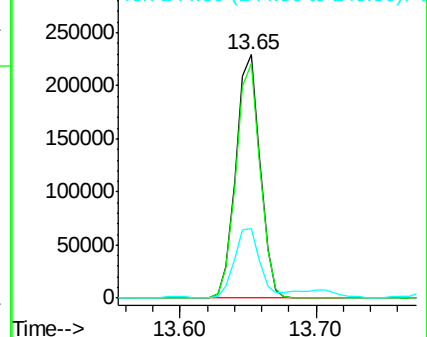
145 30.5 14.1 42.4

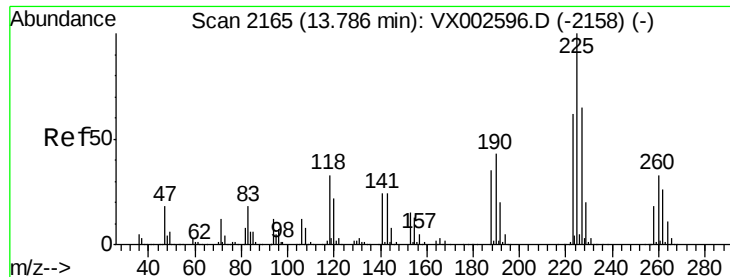


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 50.04 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

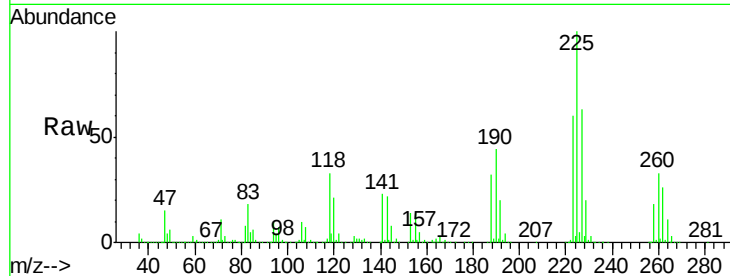
Tot Ion:225 Resp: 131652

Ion Ratio Lower Upper

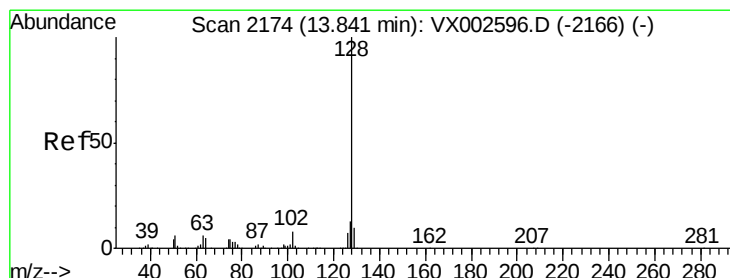
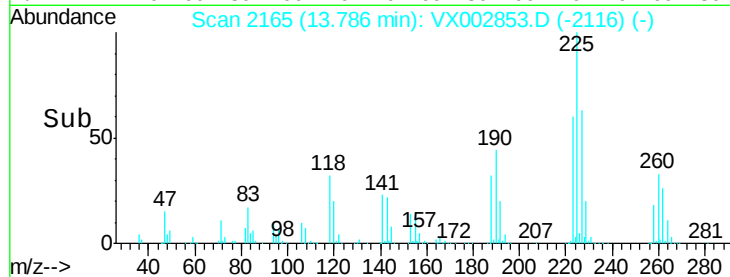
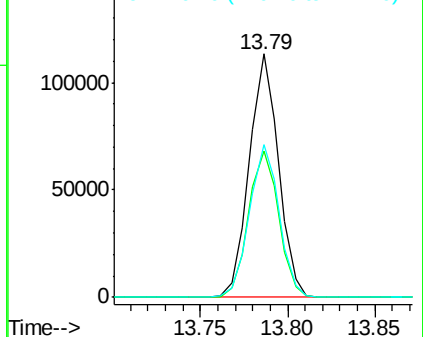
225 100

223 62.1 31.6 95.0

227 63.8 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: 64.34 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

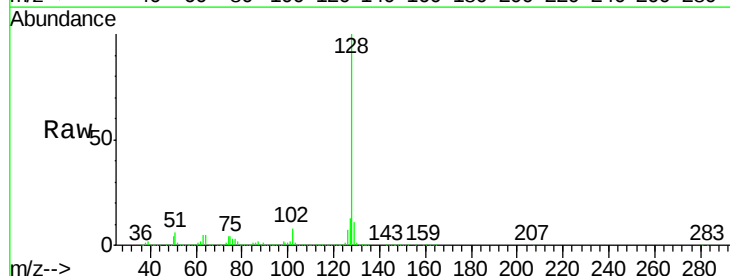
Tgt Ion:128 Resp: 864648

Ion Ratio Lower Upper

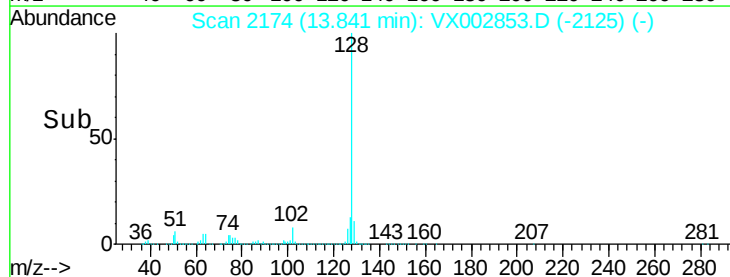
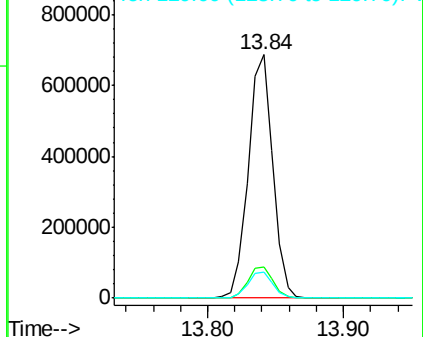
128 100

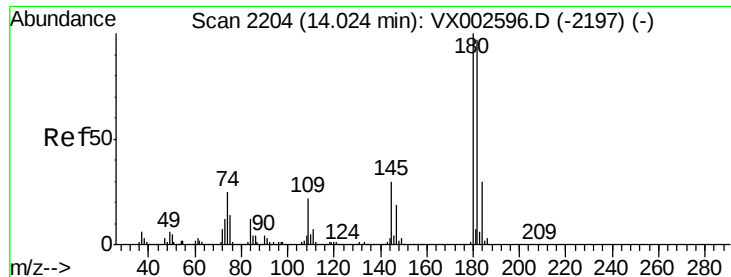
127 13.1 10.4 15.6

129 11.2 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

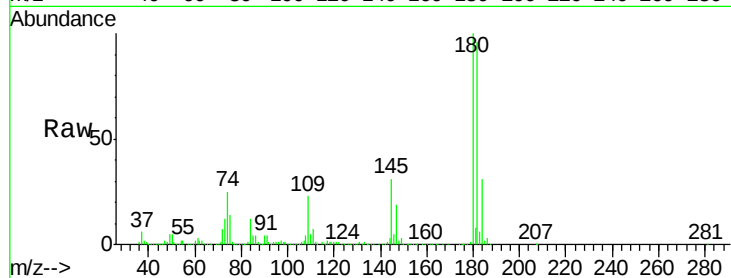




#96
 1,2,3-Trichlorobenzene
 Concen: 56.78 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	33.8	14.8	44.3



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

