

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002873.D
 Acq On : 25 Jun 2018 21:41
 Operator : JC/MD
 Sample : J3631-04DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0019DL

Quant Time: Jun 27 05:27:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178020	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	163417	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
35) Dibromofluoromethane	5.51	113	126918	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.72	98	471691	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.14	95	167400	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	124	Below Cal	#	43
3) Chloromethane	1.33	50	918	Below Cal	#	80
5) Bromomethane	1.65	94	2289	Below Cal	#	79
6) Chloroethane	1.73	64	158	Below Cal	#	68
10) Methyl Iodide	2.53	142	2644	7.08	ug/l	91
11) Tert butyl alcohol	3.08	59	200	0.30	ug/l	# 73
13) Acrolein	2.29	56	210	4.79	ug/l	# 55
15) Acrylonitrile	3.16	53	514	0.36	ug/l	# 47
16) Acetone	2.45	43	1375	0.99	ug/l	93
17) Carbon Disulfide	2.57	76	1523	0.24	ug/l	97
20) Methylene Chloride	2.86	84	1056	0.39	ug/l	# 88
21) trans-1,2-Dichloroethene	3.17	96	595	0.23	ug/l	92
29) Tetrahydrofuran	5.15	42	379	0.29	ug/l	# 40
31) Cyclohexane	5.57	56	6655	1.59	ug/l	87
36) 1,1-Dichloropropene	5.67	75	16131	4.36	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	22018	5.43	ug/l	# 16
39) Methylcyclohexane	7.46	83	7083	1.64	ug/l	98
40) Benzene	6.15	78	71484	6.66	ug/l	97
44) Trichloroethene	7.22	130	742	0.23	ug/l	93
52) Toluene	8.79	92	3183	0.46	ug/l	95
55) 1,1,2-Trichloroethane	9.17	97	1055	0.37	ug/l	# 24
67) Ethyl Benzene	10.26	91	73451	5.68	ug/l	99
68) m/p-Xylenes	10.36	106	41882	8.40	ug/l	100
69) o-Xylene	10.70	106	4881	1.01	ug/l	97
73) Isopropylbenzene	11.02	105	8848	0.74	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	90042	27.92	ug/l	# 32
78) n-propylbenzene	11.37	91	10161	0.75	ug/l	100
79) 2-Chlorotoluene	11.44	91	3961	0.48	ug/l	# 44
80) 1,3,5-Trimethylbenzene	11.51	105	25956	2.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	90042	78.93	ug/l	# 7
82) 4-Chlorotoluene	11.51	91	3663	0.37	ug/l	# 54
84) 1,2,4-Trimethylbenzene	11.81	105	60777	5.82	ug/l	98
85) sec-Butylbenzene	11.95	105	2997	0.25	ug/l	81
86) p-Isopropyltoluene	12.03	119	4120	0.38	ug/l	92

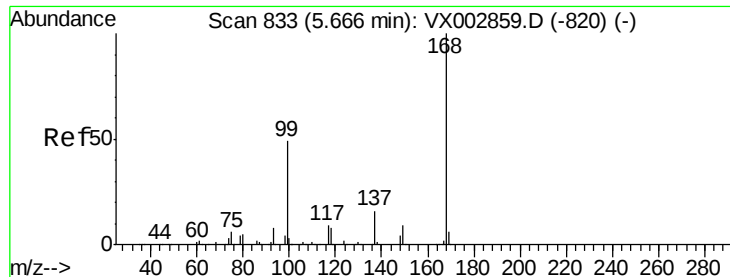
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002873.D
Acq On : 25 Jun 2018 21:41
Operator : JC/MD
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Quant Time: Jun 27 05:27:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	3745	0.40	ug/l #	16
90) Hexachloroethane	12.59	117	1056	0.65	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	167	0.20	ug/l #	1
95) Naphthalene	13.84	128	11887	0.98	ug/l	97

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

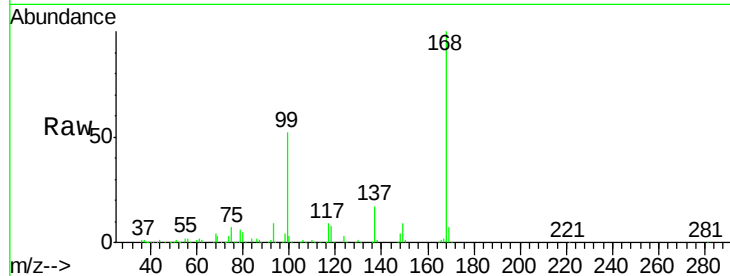


#1

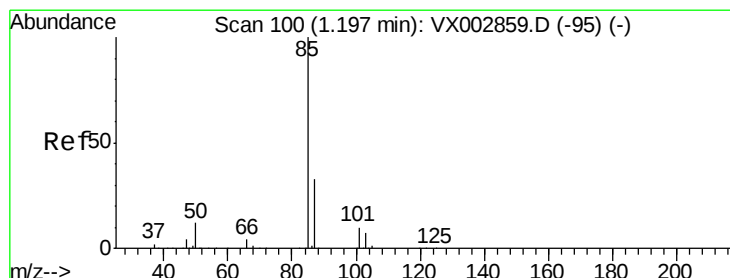
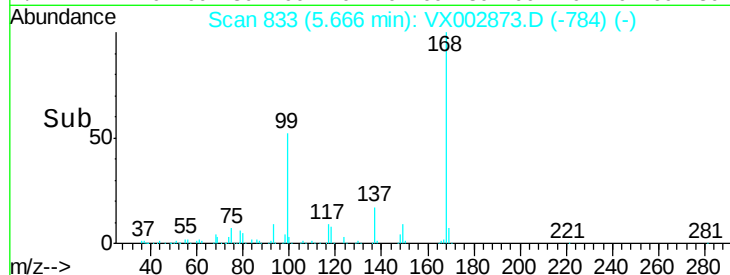
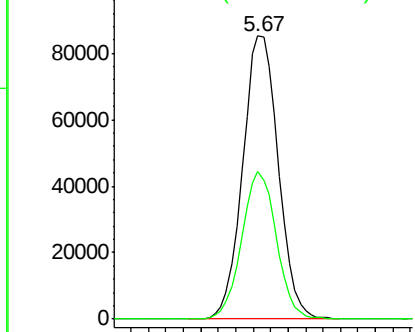
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0019DL

Tot Ion:168 Resp: 241436
 Ion Ratio Lower Upper
 168 100
 99 52.0 39.3 58.9



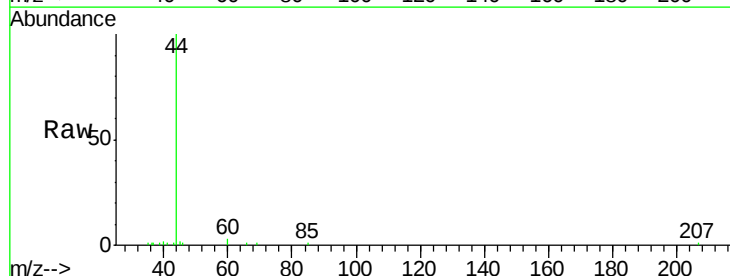
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



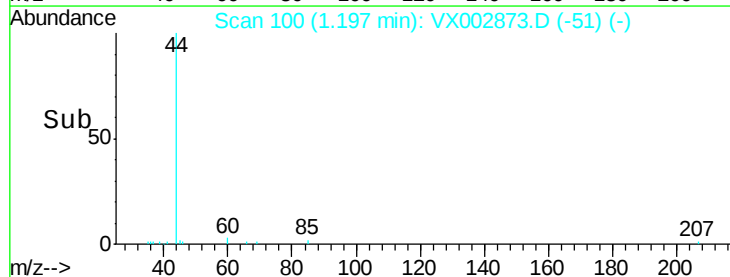
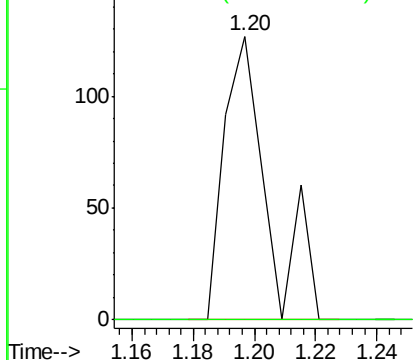
#2

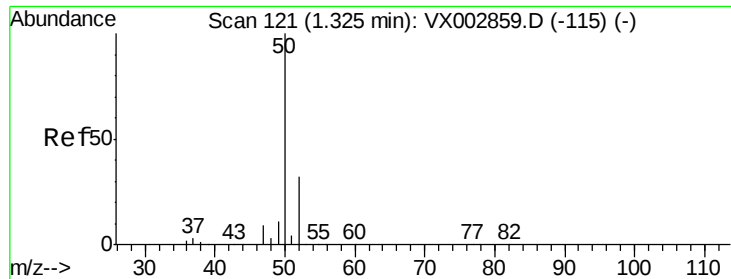
Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Tgt Ion: 85 Resp: 124
 Ion Ratio Lower Upper
 85 100
 87 0.0 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: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

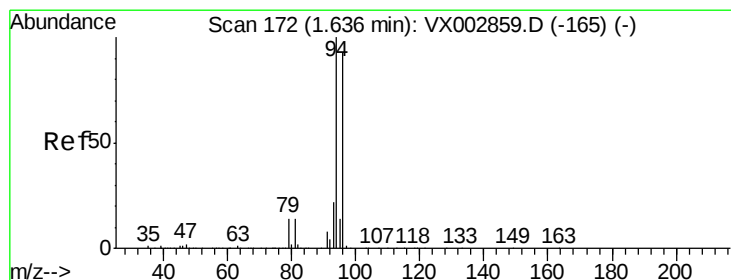
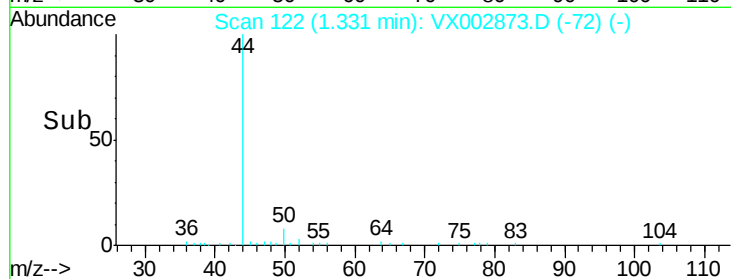
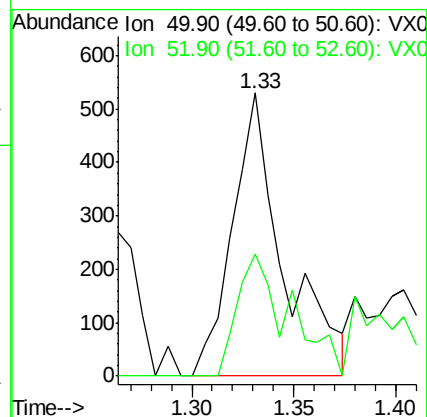
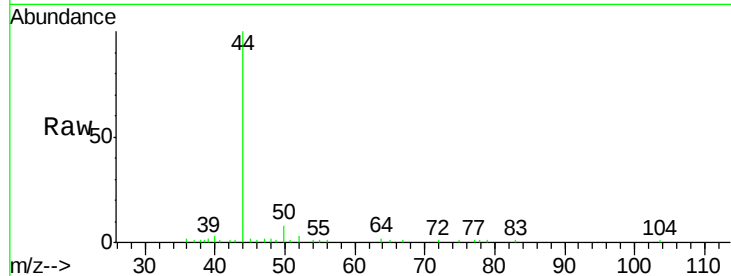
S83-0019DL

Tot Ion: 50 Resp: 918

Ion Ratio Lower Upper

50 100

52 43.2 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002873.D

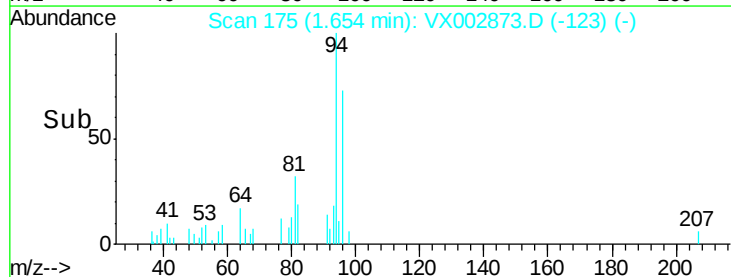
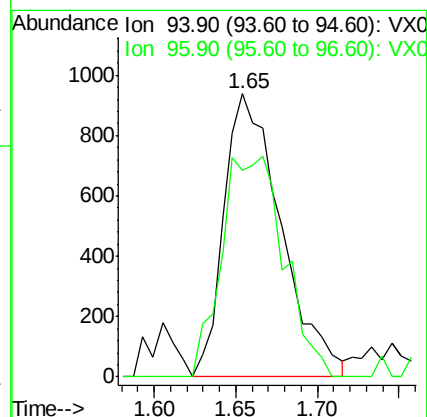
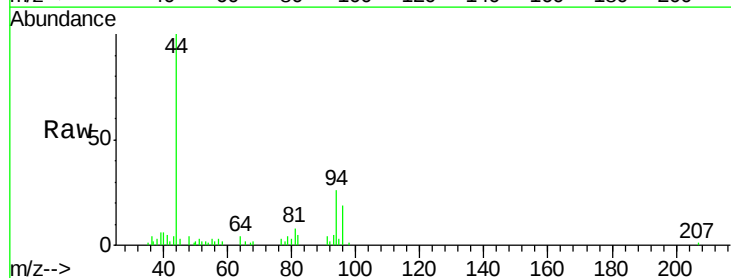
Acq: 25 Jun 2018 21:41

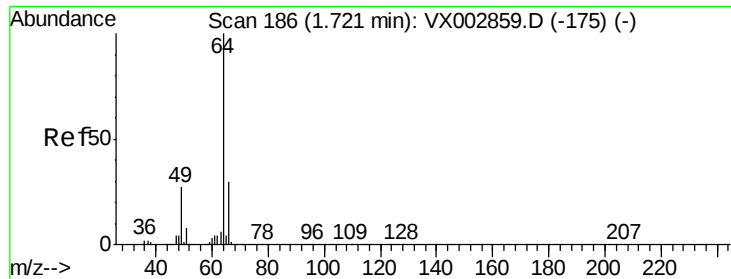
Tgt Ion: 94 Resp: 2289

Ion Ratio Lower Upper

94 100

96 73.1 74.9 112.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

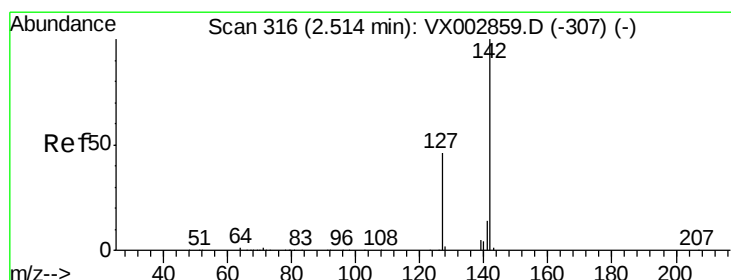
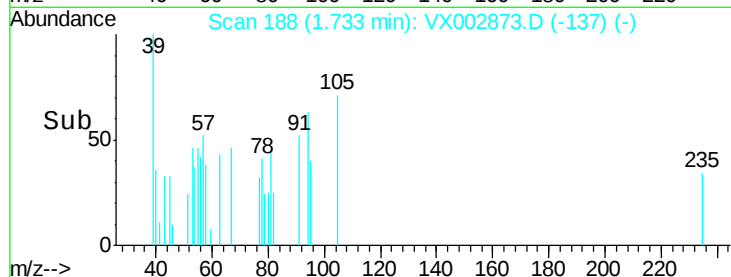
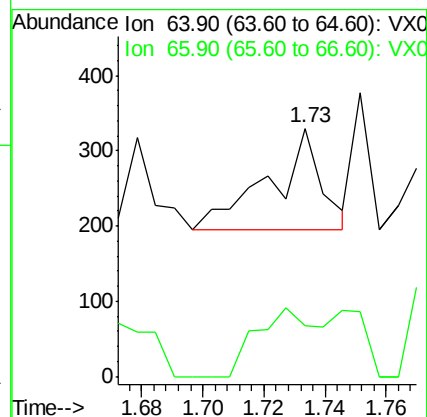
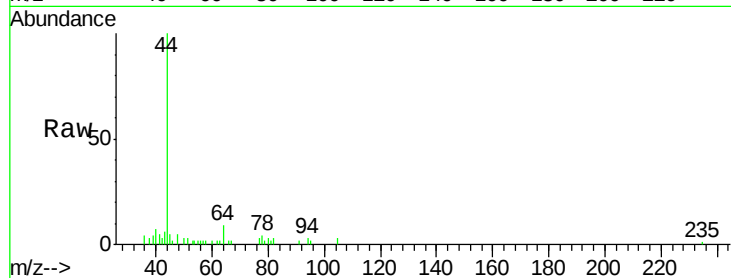
S83-0019DL

Tot Ion: 64 Resp: 158

Ion Ratio Lower Upper

64 100

66 49.6 25.5 38.3#



#10

Methyl Iodide

Concen: 7.08 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

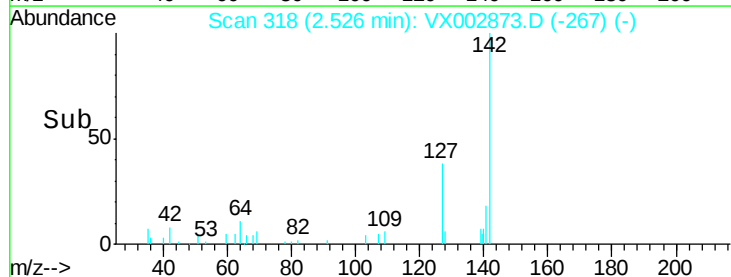
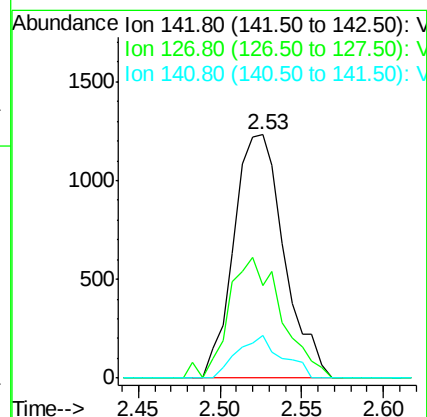
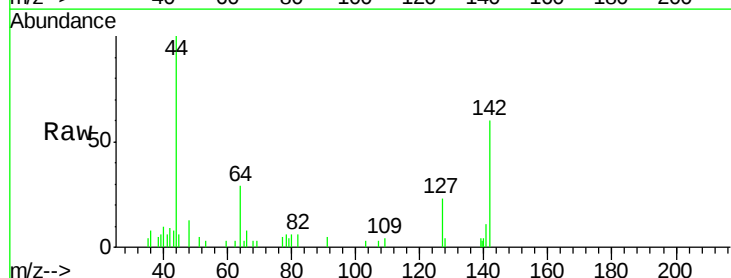
Tgt Ion:142 Resp: 2644

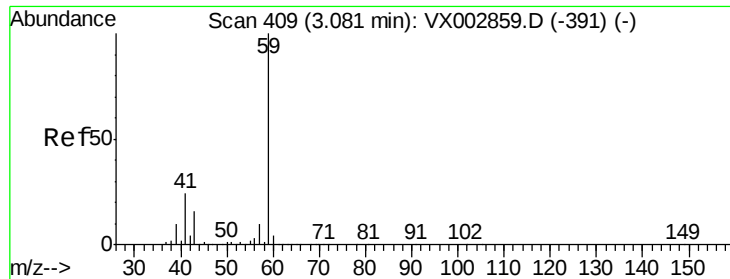
Ion Ratio Lower Upper

142 100

127 52.5 36.6 55.0

141 15.5 11.3 16.9

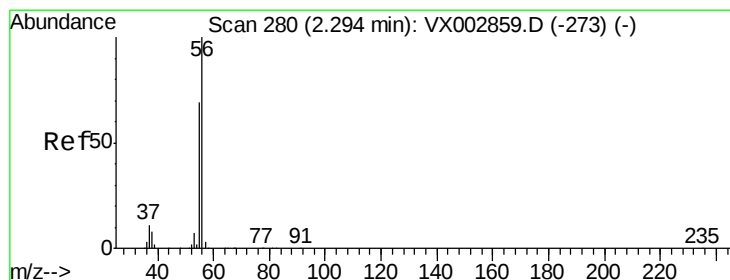
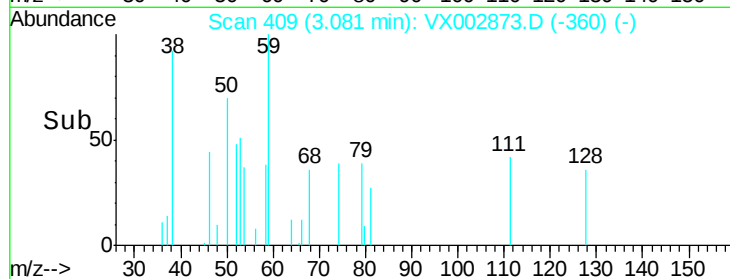
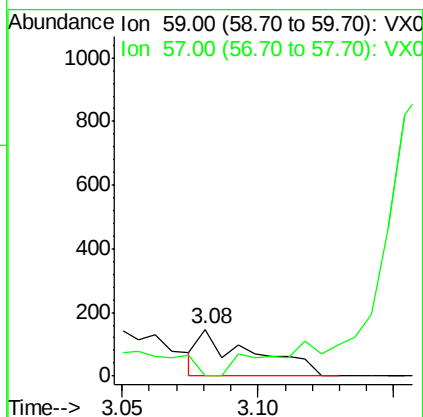
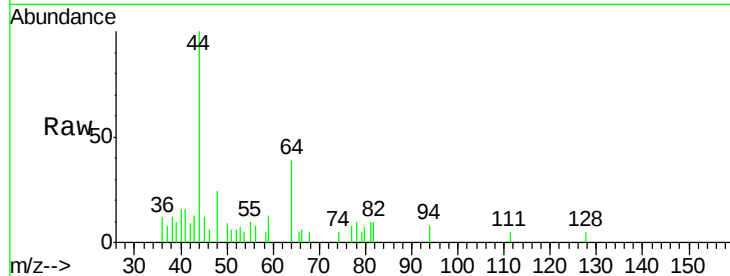




#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

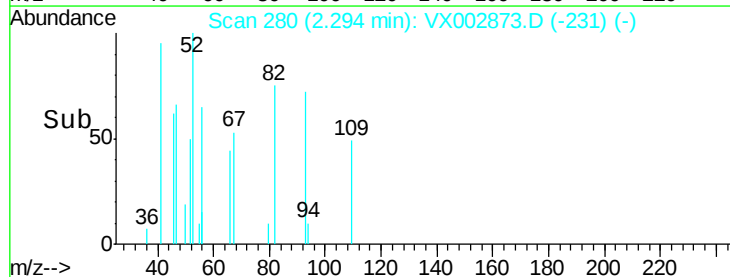
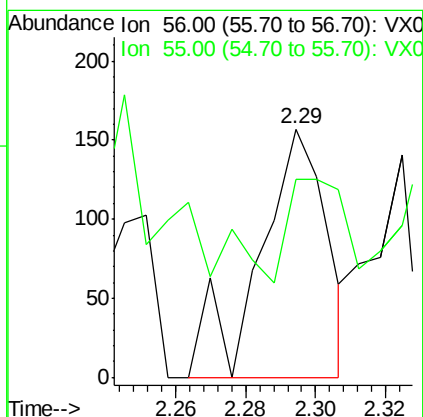
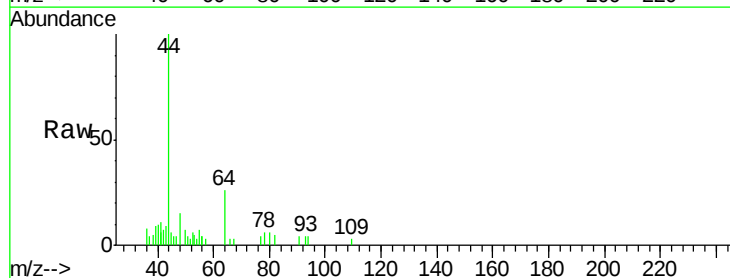
Instrument :
MSVOA_X
ClientSampled :
S83-0019DL

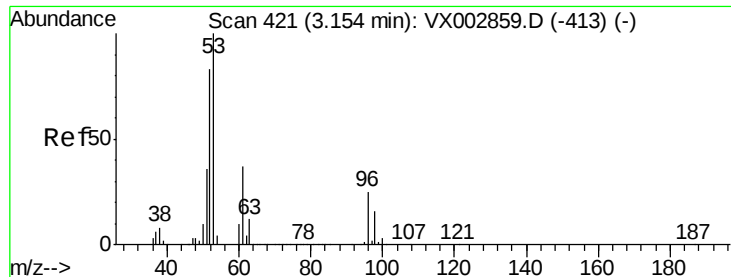
Tot Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 4.79 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion: 56 Resp: 210
Ion Ratio Lower Upper
56 100
55 34.3 57.0 85.4#





#15

Acrylonitrile

Concen: 0.36 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

S83-0019DL

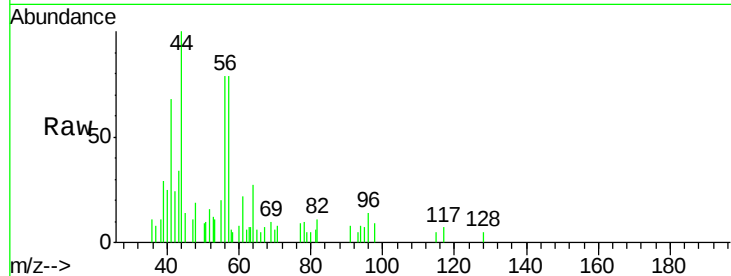
Tot Ion: 53 Resp: 514

Ion Ratio Lower Upper

53 100

52 39.7 66.7 100.1#

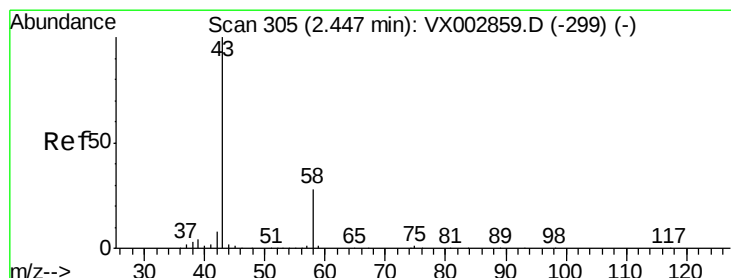
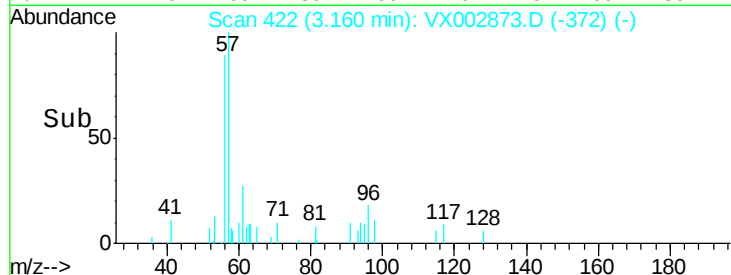
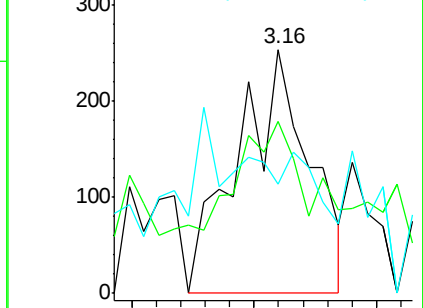
51 0.0 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.99 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002873.D

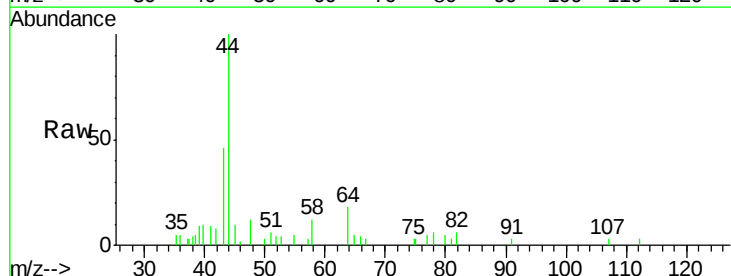
Acq: 25 Jun 2018 21:41

Tgt Ion: 43 Resp: 1375

Ion Ratio Lower Upper

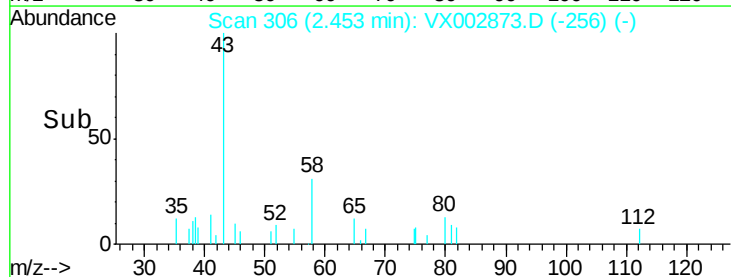
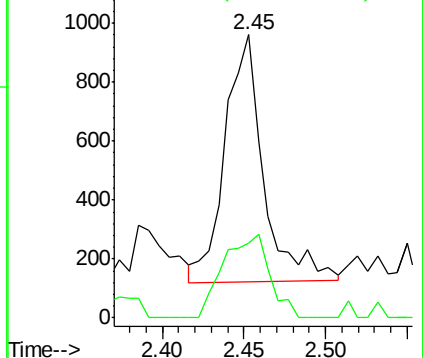
43 100

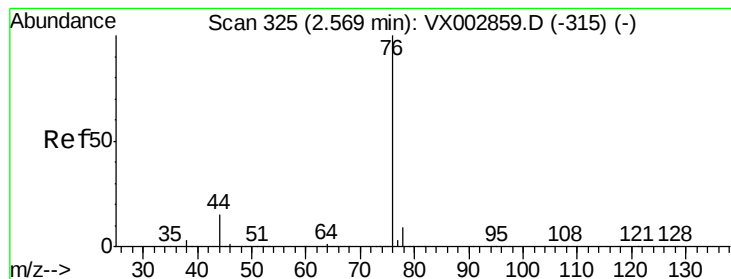
58 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

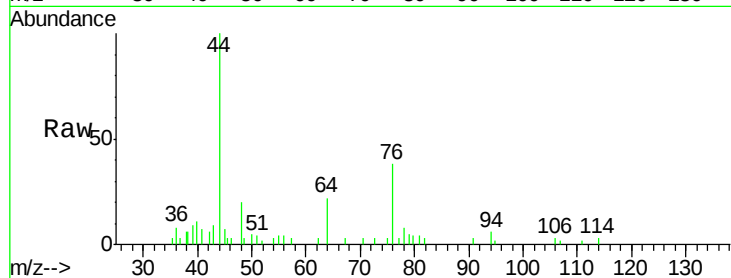
S83-0019DL

Tot Ion: 76 Resp: 1523

Ion Ratio Lower Upper

76 100

78 9.7 6.9 10.3

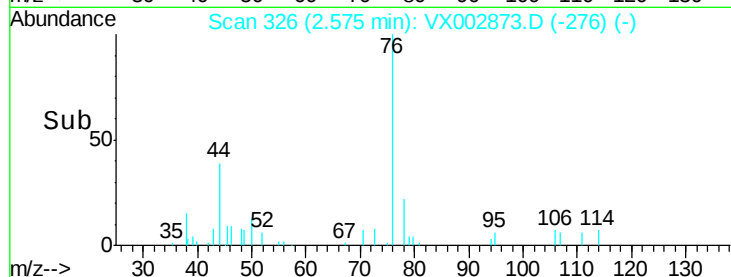


Abundance Ion 75.90 (75.60 to 76.60): VX0

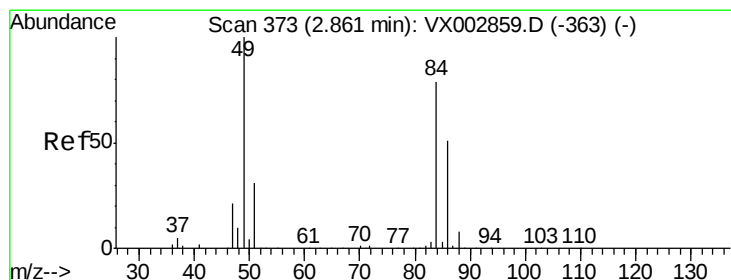
Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



Time-->



#20

Methylene Chloride

Concen: 0.39 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Tgt Ion: 84 Resp: 1056

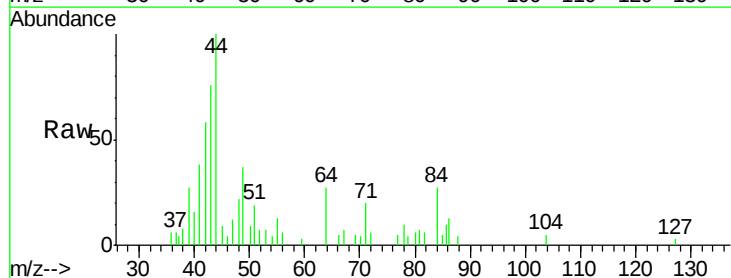
Ion Ratio Lower Upper

84 100

49 139.7 107.8 161.6

51 53.9 32.8 49.2#

86 84.8 52.5 78.7#



Abundance Ion 83.90 (83.60 to 84.60): VX0

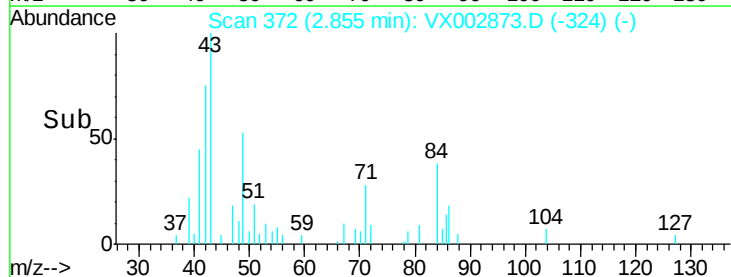
Ion 48.90 (48.60 to 49.60): VX0

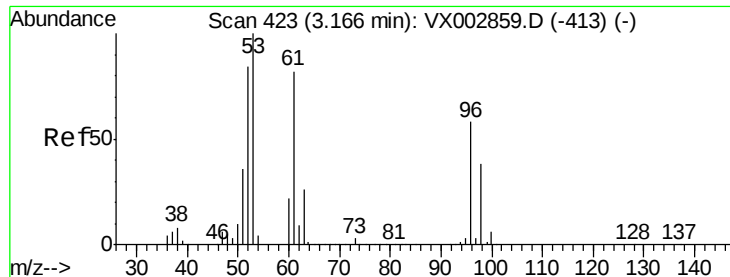
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.86

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

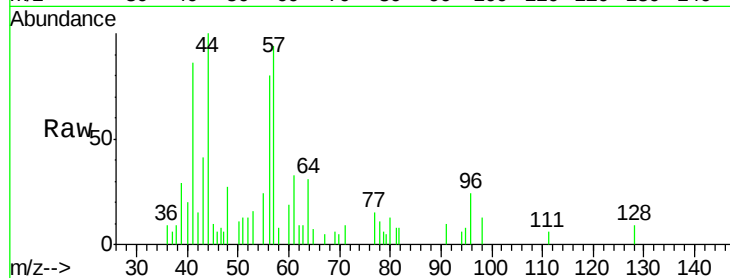
Tot Ion: 96 Resp: 595

Ion Ratio Lower Upper

96 100

61 139.4 117.0 175.4

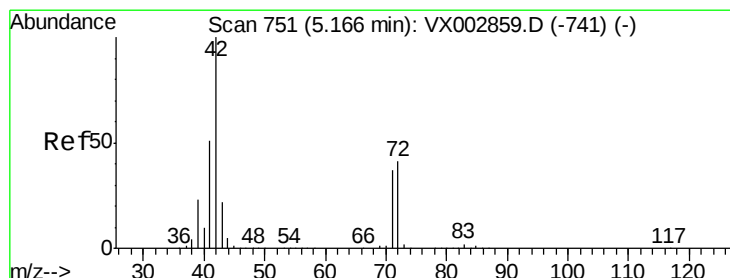
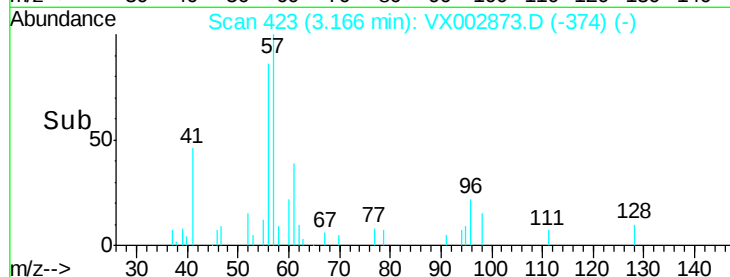
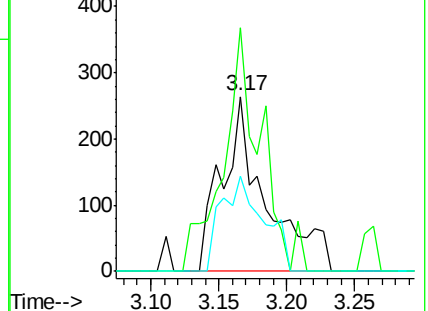
98 54.5 52.4 78.6



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



#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

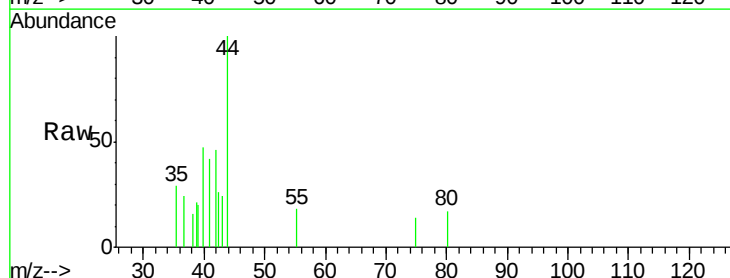
Tgt Ion: 42 Resp: 379

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

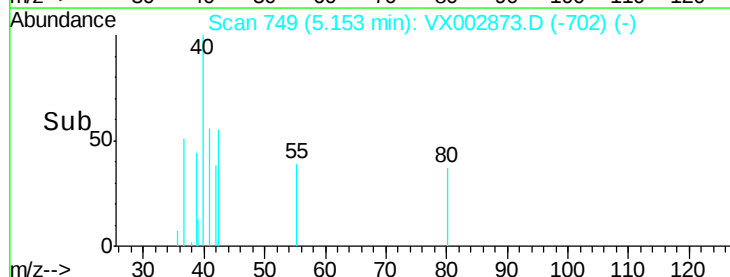
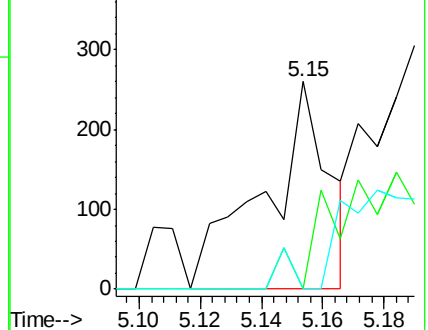
71 5.0 30.1 45.1#

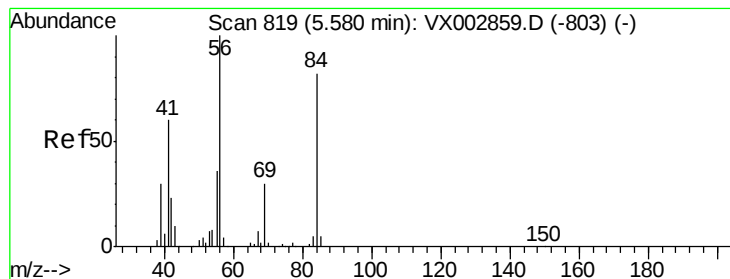


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.59 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

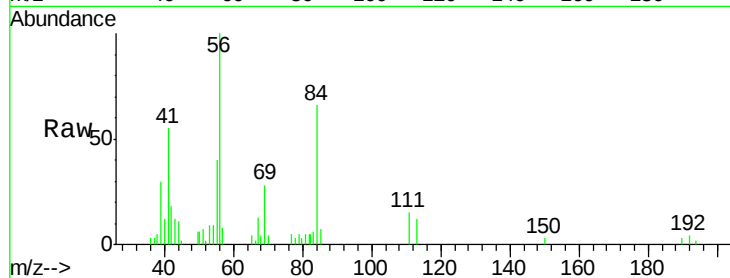
Tot Ion: 56 Resp: 6655

Ion Ratio Lower Upper

56 100

69 27.8 23.7 35.5

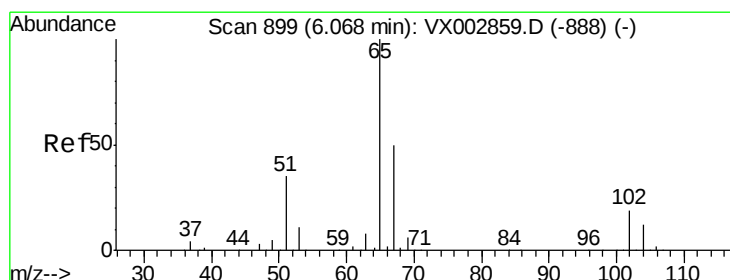
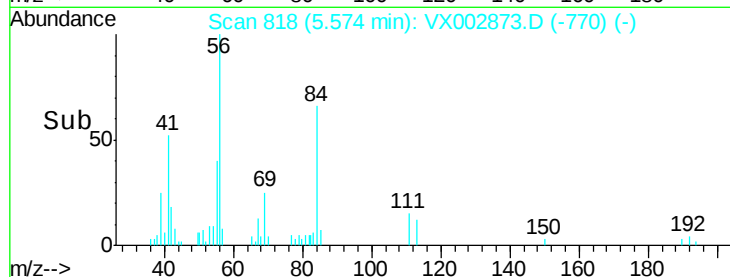
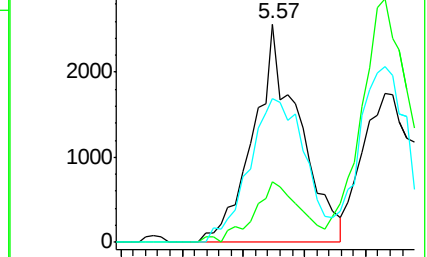
84 66.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002873.D

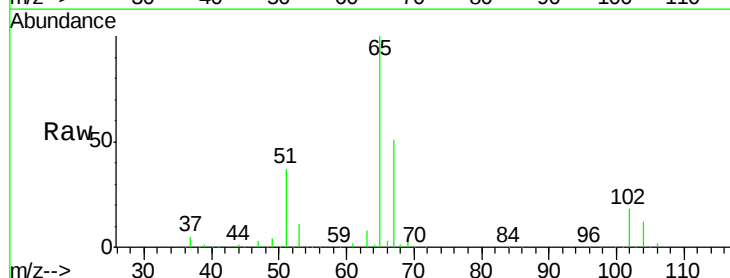
Acq: 25 Jun 2018 21:41

Tgt Ion: 65 Resp: 163417

Ion Ratio Lower Upper

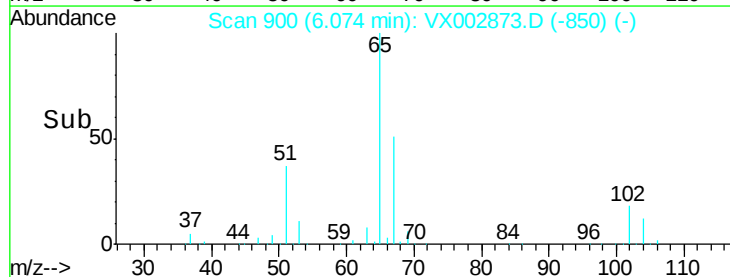
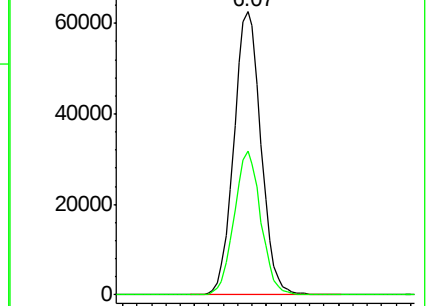
65 100

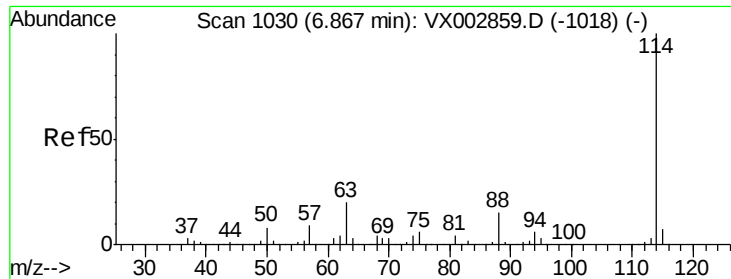
67 50.0 0.0 102.6



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: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

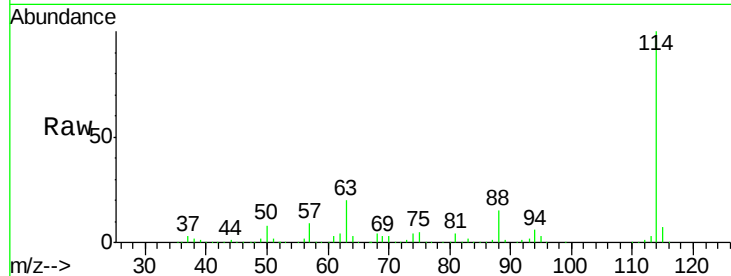
Tot Ion:114 Resp: 337107

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

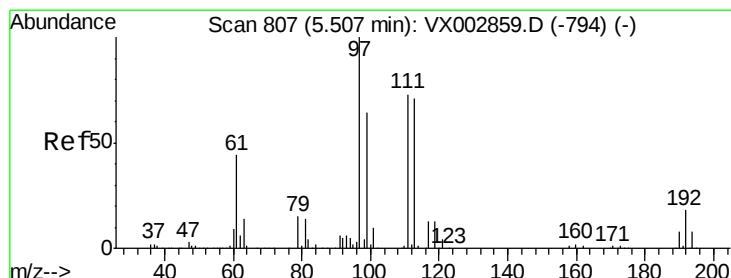
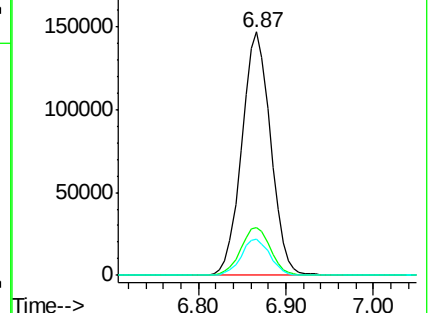
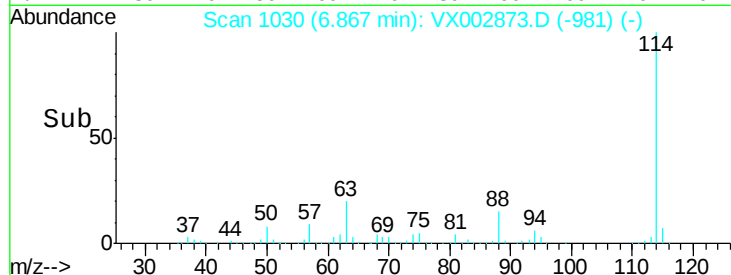
88 14.9 0.0 30.0



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: 47.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

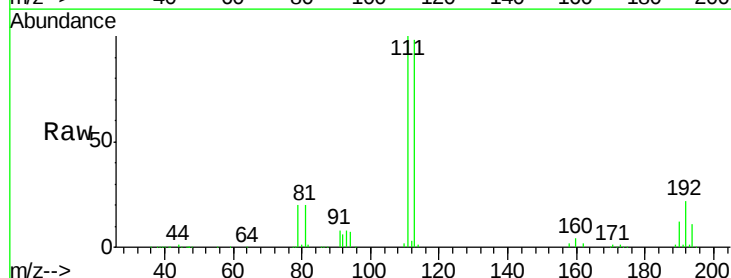
Tgt Ion:113 Resp: 126918

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

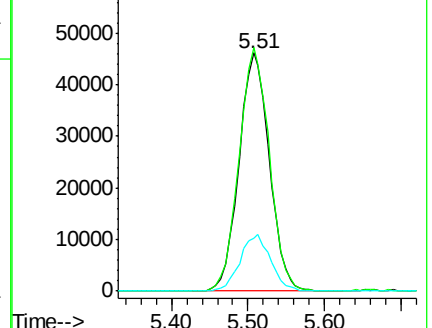
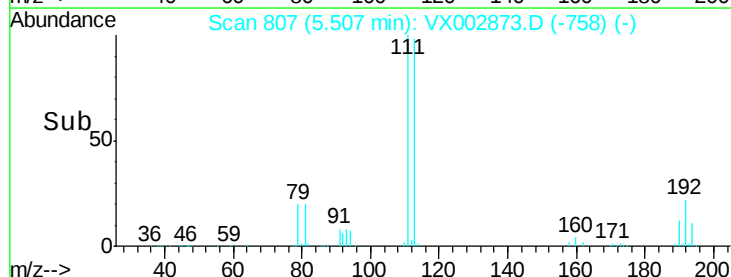
192 23.8 19.1 28.7

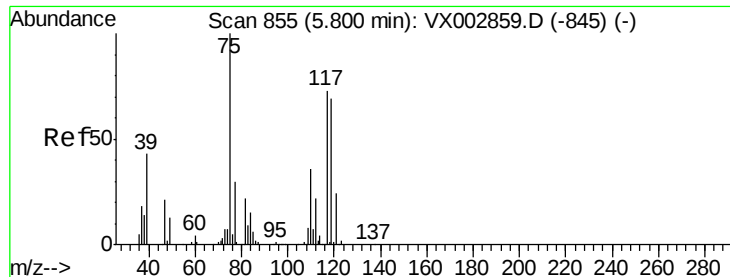


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

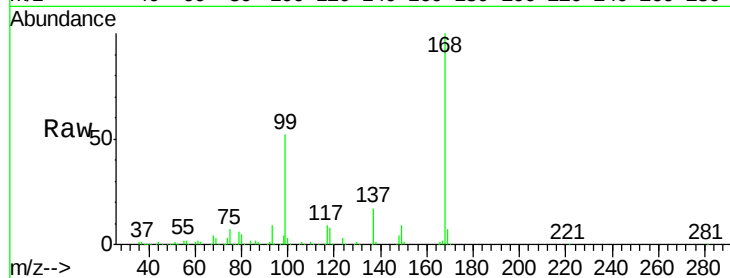




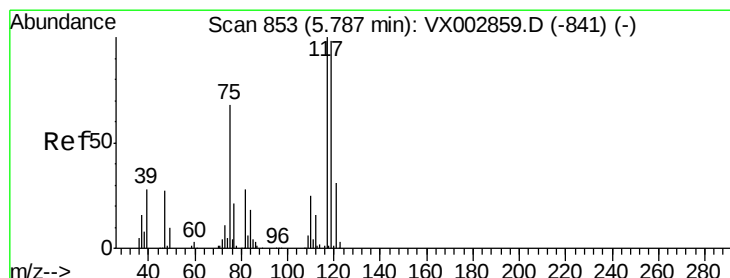
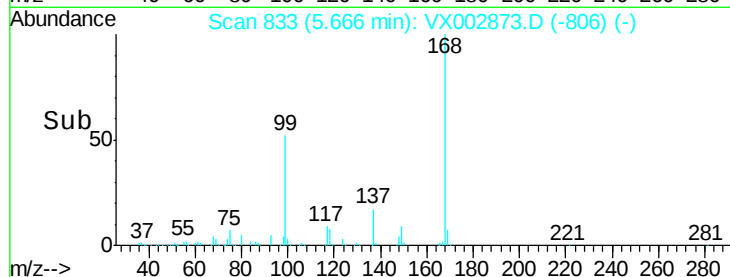
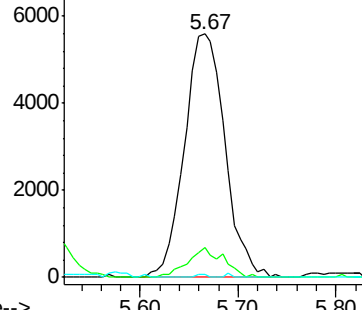
#36
 1,1-Dichloropropene
 Concen: 4.36 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Instrument :
 MSVOA_X
 ClientSampled :
 S83-0019DL

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.3	24.3	36.5#

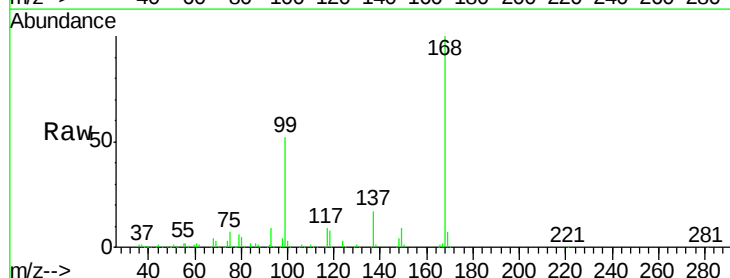


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

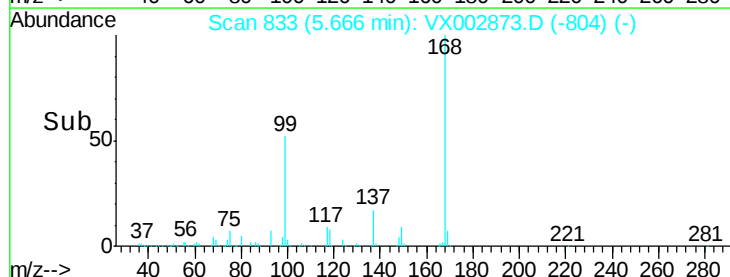
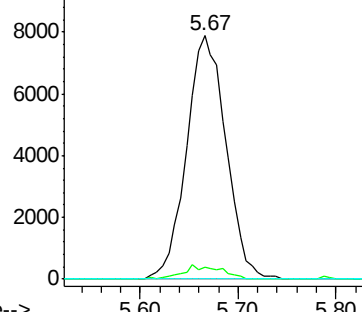


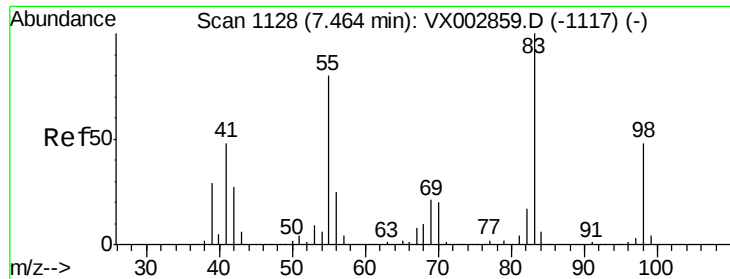
#38
 Carbon Tetrachloride
 Concen: 5.43 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.4	116.0#
121	0.0	24.4	36.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

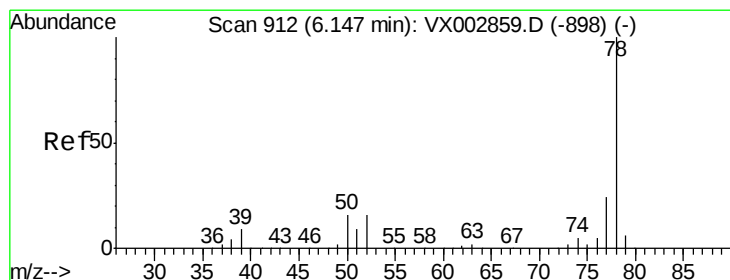
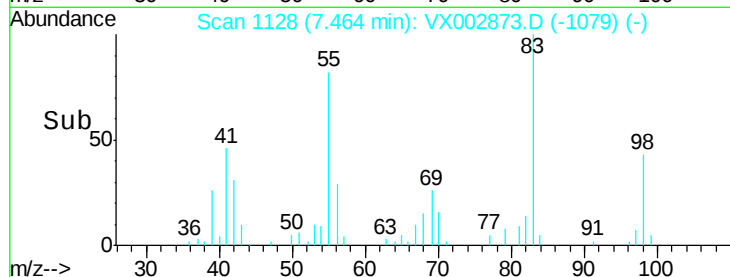
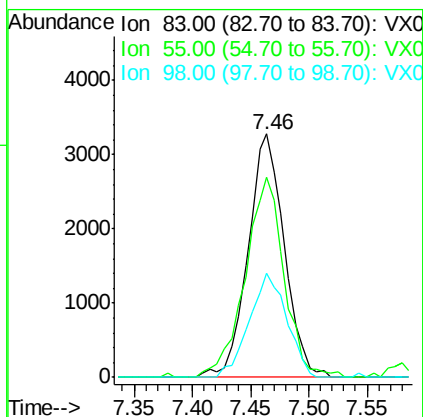
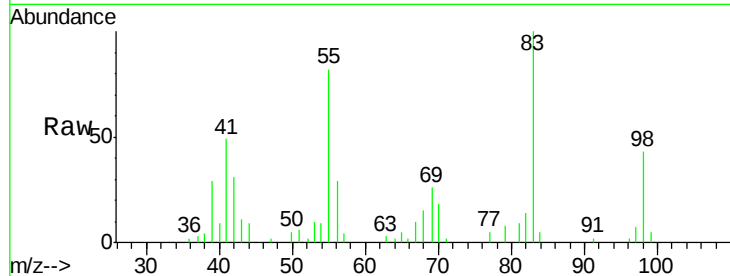




#39
Methvlcvclohexane
Concen: 1.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

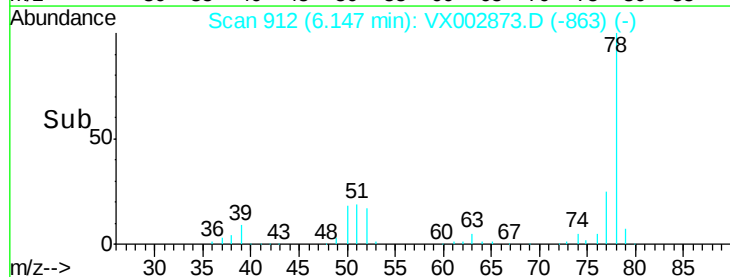
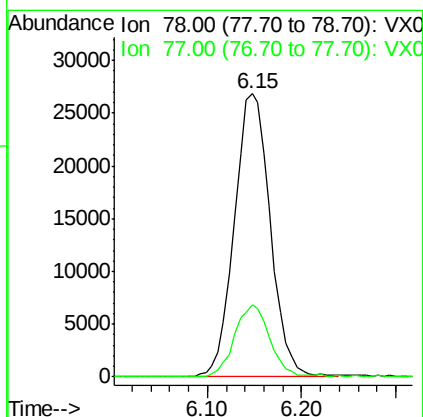
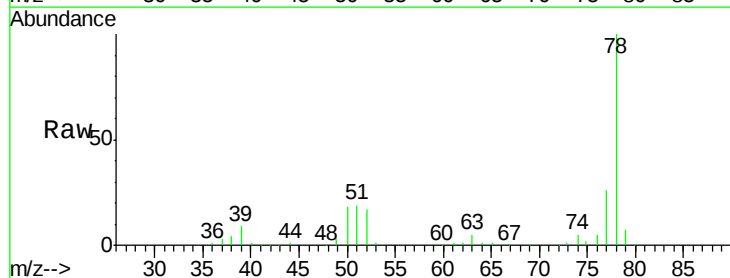
Instrument :
MSVOA_X
ClientSampled :
S83-0019DL

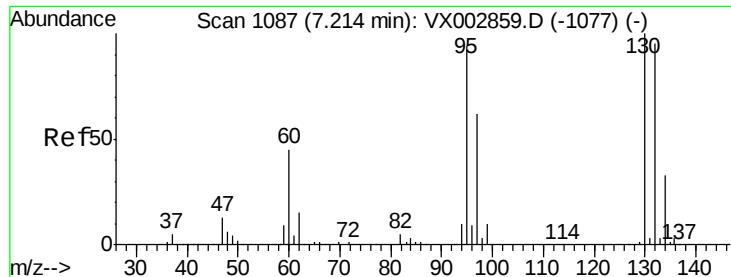
Tot Ion: 83 Resp: 7083
Ion Ratio Lower Upper
83 100
55 82.0 65.4 98.0
98 42.7 37.4 56.0



#40
Benzene
Concen: 6.66 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion: 78 Resp: 71484
Ion Ratio Lower Upper
78 100
77 25.5 19.1 28.7





#44

Trichloroethene

Concen: 0.23 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

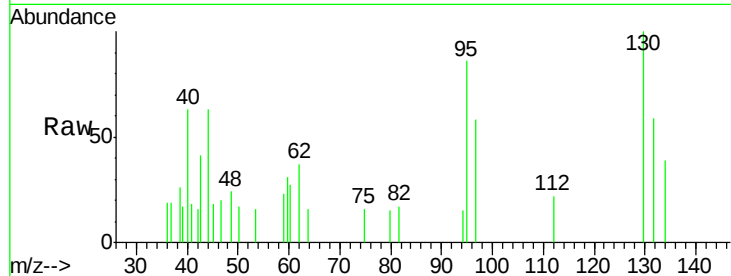
S83-0019DL

Tot Ion:130 Resp: 742

Ion Ratio Lower Upper

130 100

95 86.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

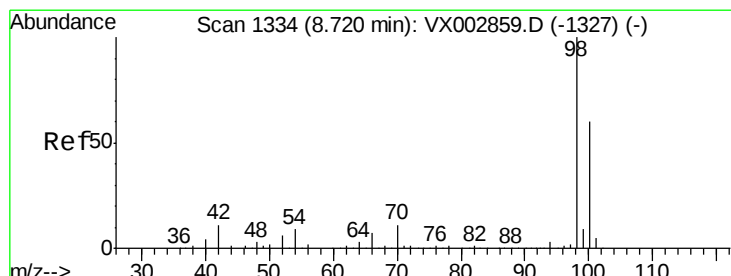
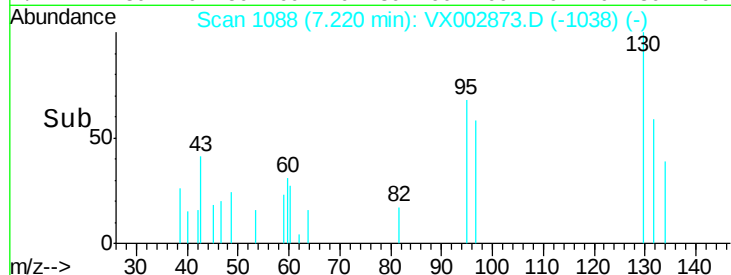
300

200

100

0

Time--> 7.15 7.20 7.25



#50

Toluene-d8

Concen: 48.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002873.D

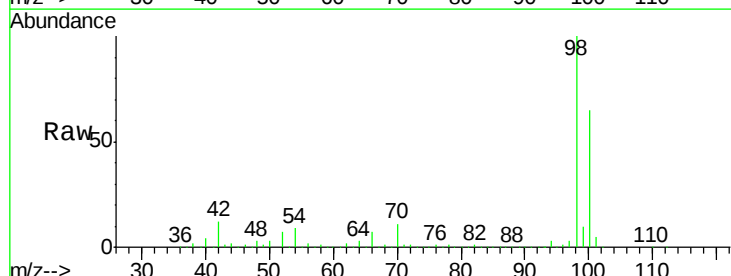
Acq: 25 Jun 2018 21:41

Tgt Ion: 98 Resp: 471691

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

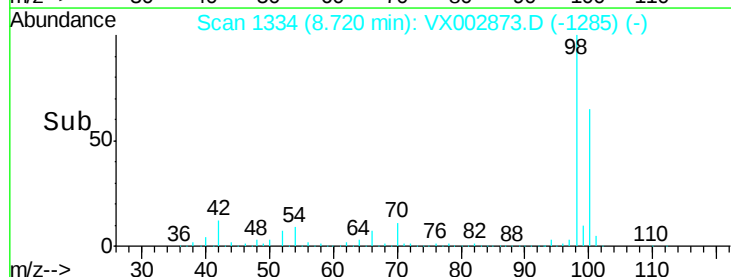
300000

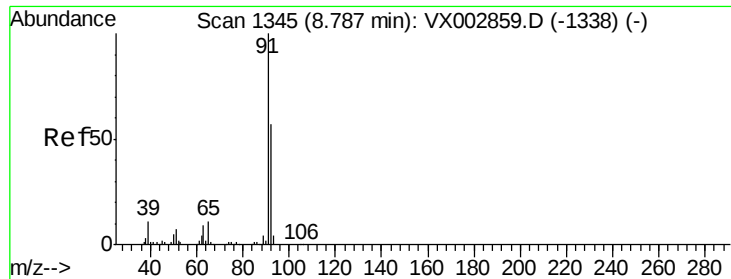
200000

100000

0

Time--> 8.60 8.70 8.80





#52

Toluene

Concen: 0.46 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

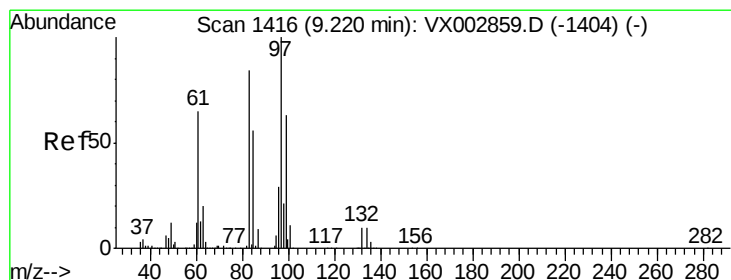
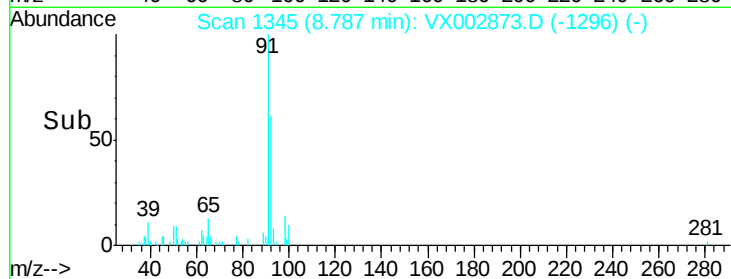
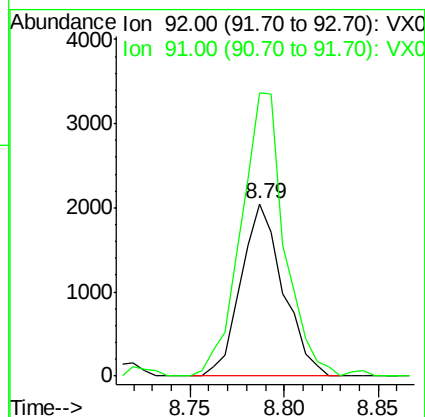
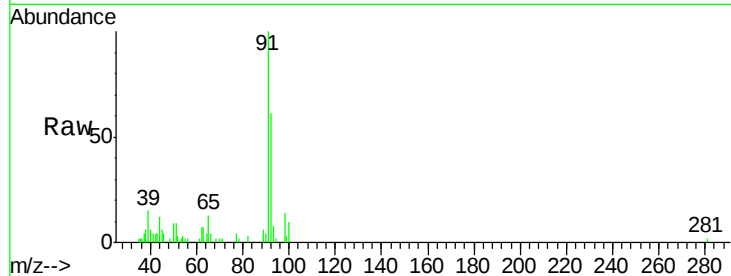
S83-0019DL

Tot Ion: 92 Resp: 3183

Ion Ratio Lower Upper

92 100

91 169.1 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 0.37 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Tgt Ion: 97 Resp: 1055

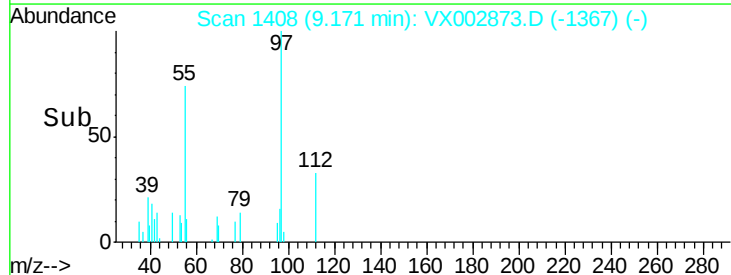
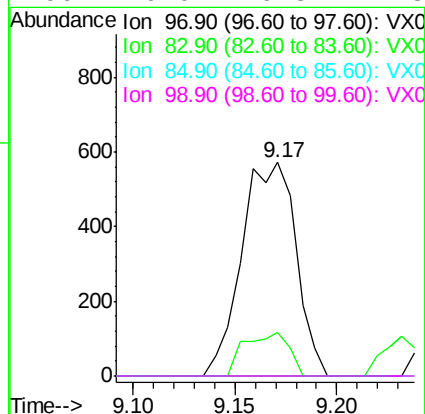
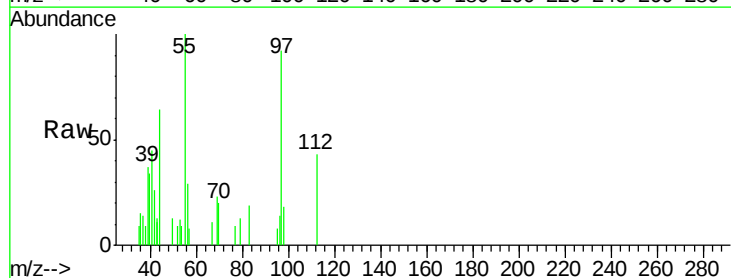
Ion Ratio Lower Upper

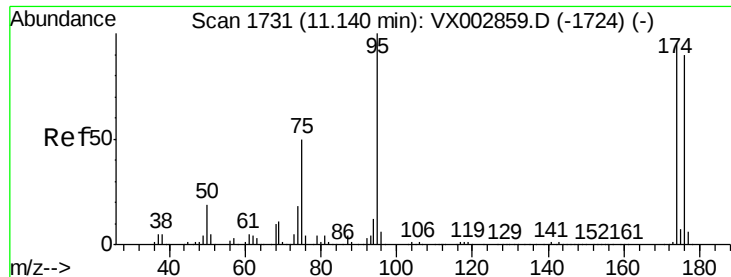
97 100

83 20.3 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

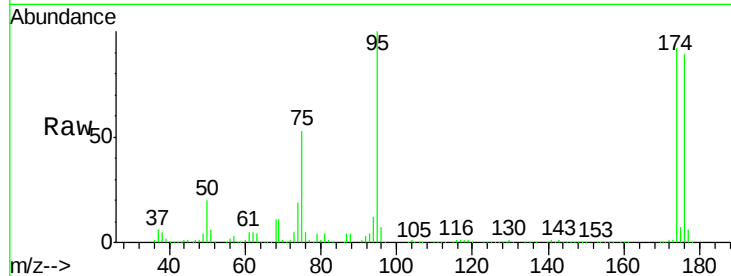




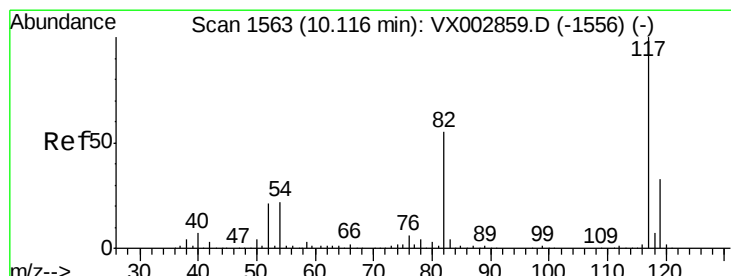
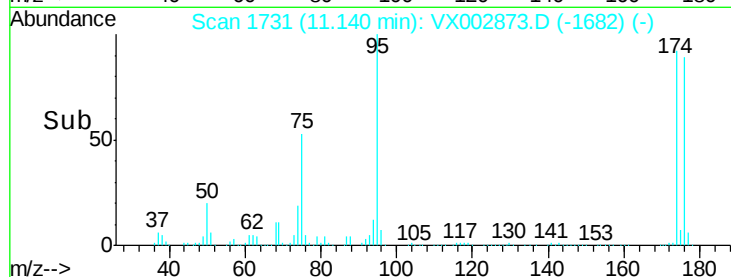
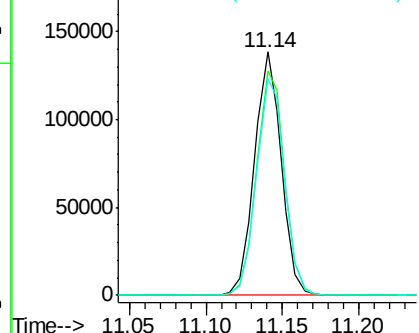
#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

Tot Ion: 95 Resp: 167400
Ion Ratio Lower Upper
95 100
174 96.9 0.0 187.4
176 93.8 0.0 181.0

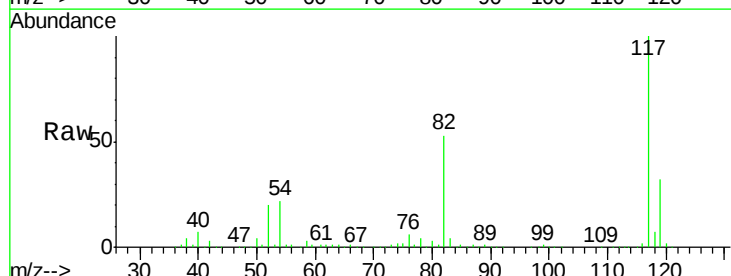


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

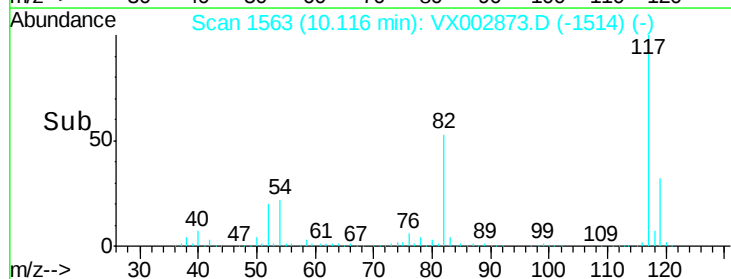
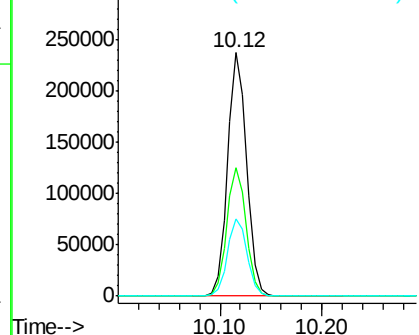


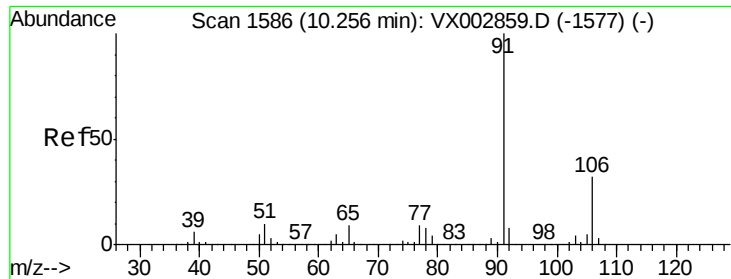
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion: 117 Resp: 308296
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 31.7 25.8 38.6



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

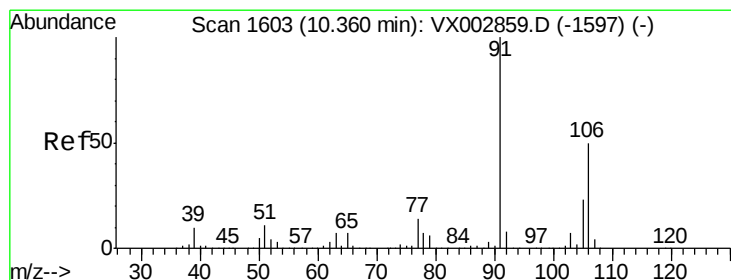
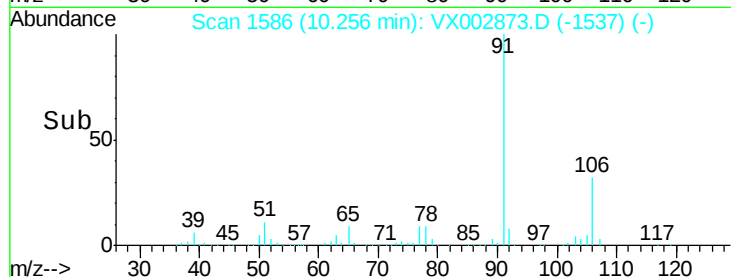
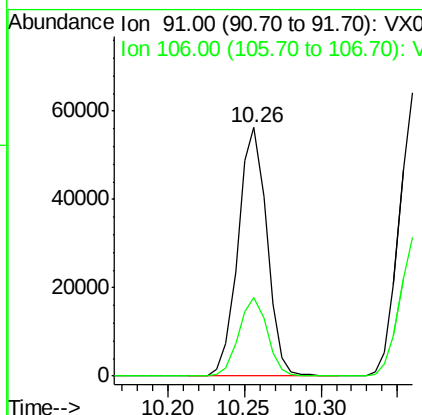
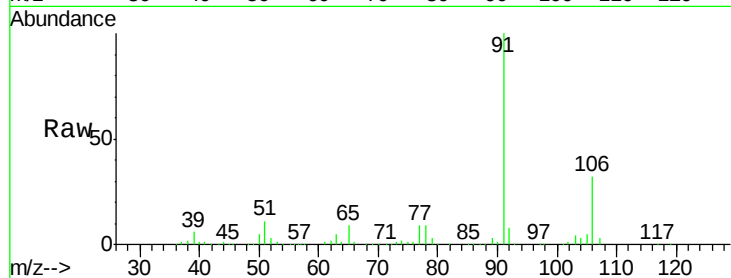




#67
Ethyl Benzene
Concen: 5.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

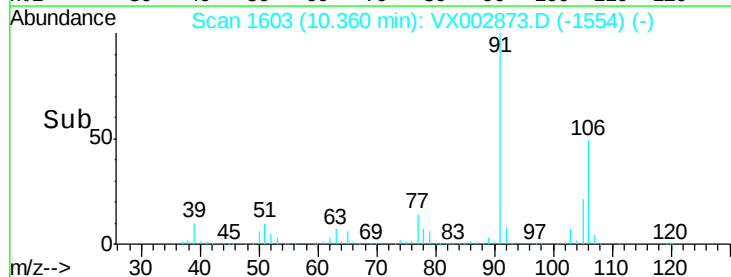
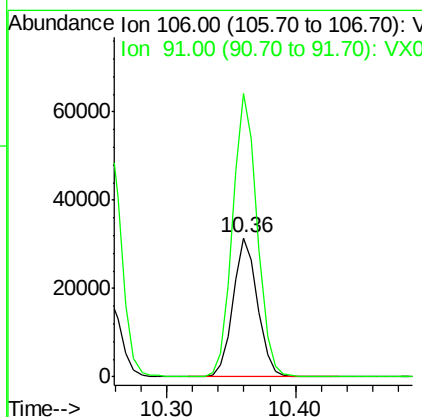
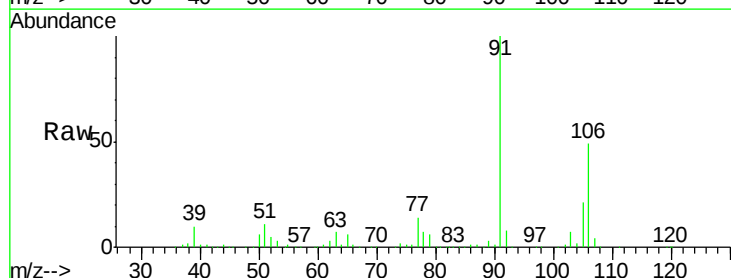
Instrument :
MSVOA_X
ClientSampled :
S83-0019DL

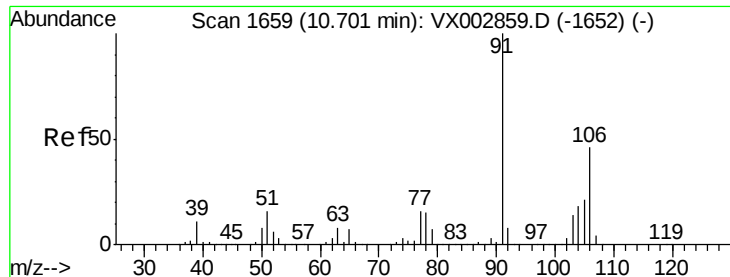
Tot Ion: 91 Resp: 73451
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 8.40 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion: 106 Resp: 41882
Ion Ratio Lower Upper
106 100
91 204.7 163.4 245.2

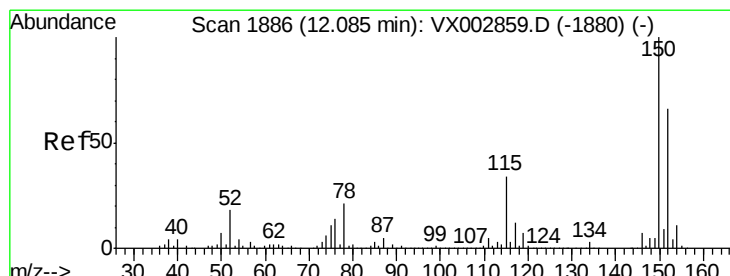
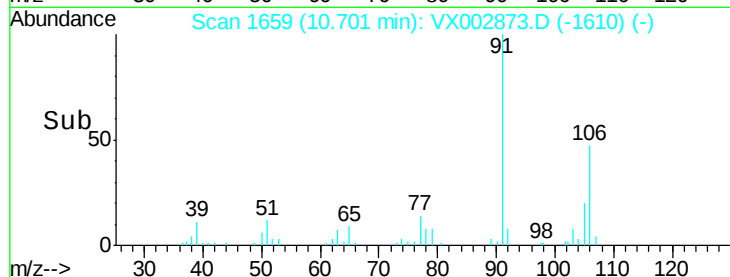
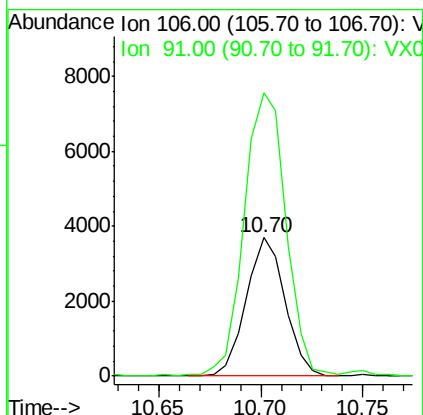
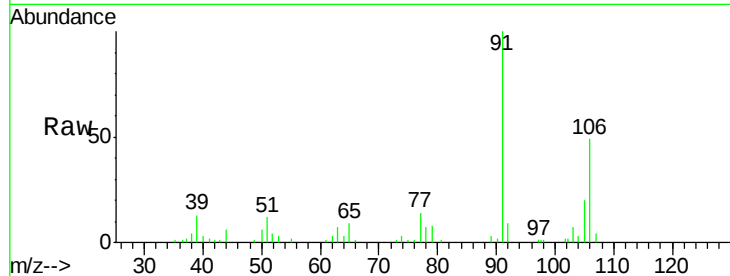




#69
o-Xylene
Concen: 1.01 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

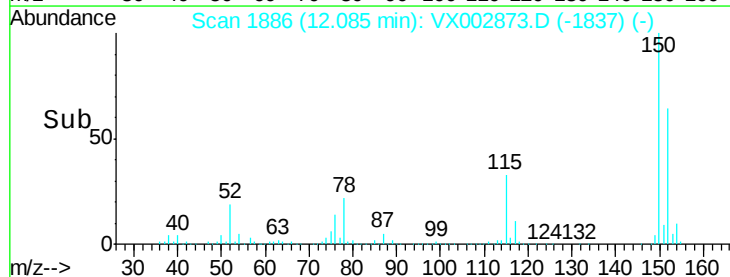
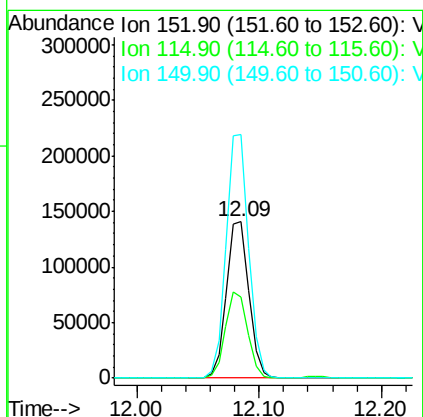
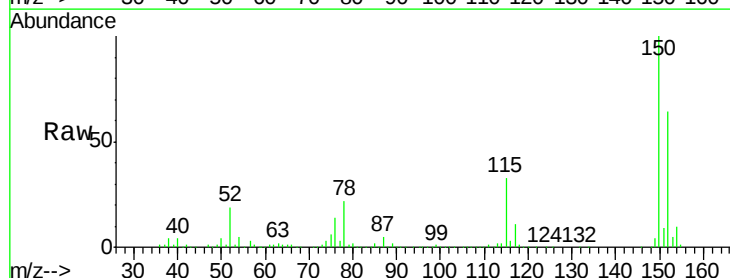
Instrument :
MSVOA_X
ClientSampled :
S83-0019DL

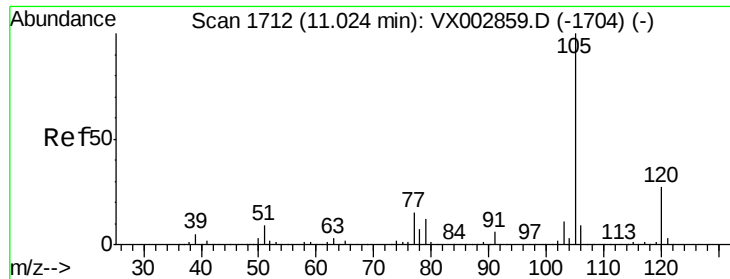
Tot Ion:106 Resp: 4881
Ion Ratio Lower Upper
106 100
91 221.3 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion:152 Resp: 178020
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.4 0.0 347.2





#73

Isopropylbenzene

Concen: 0.74 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

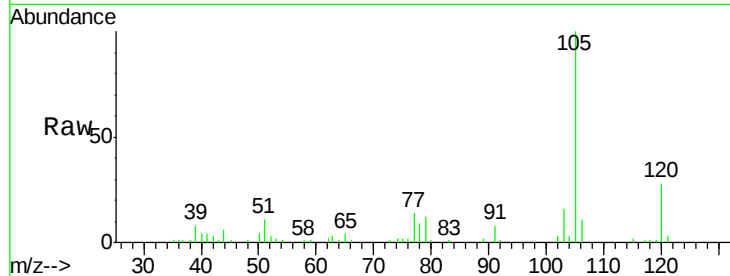
S83-0019DL

Tot Ion: 105 Resp: 8848

Ion Ratio Lower Upper

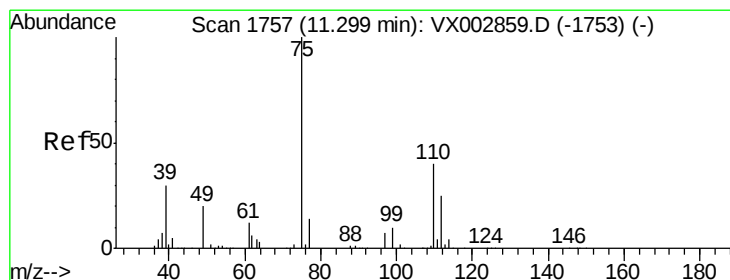
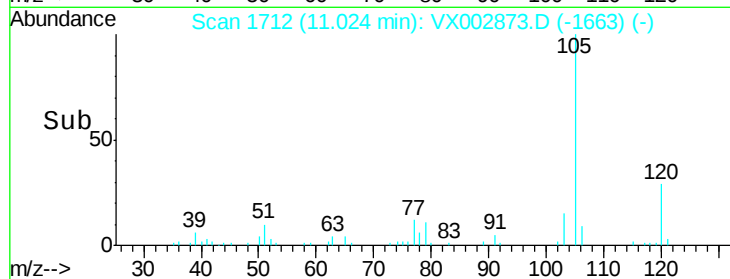
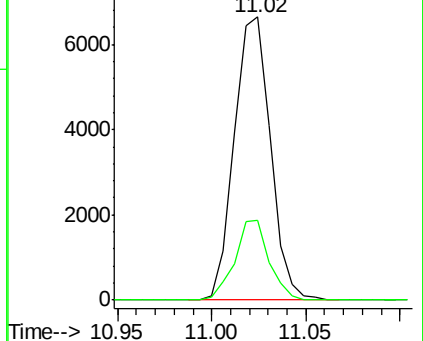
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 27.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002873.D

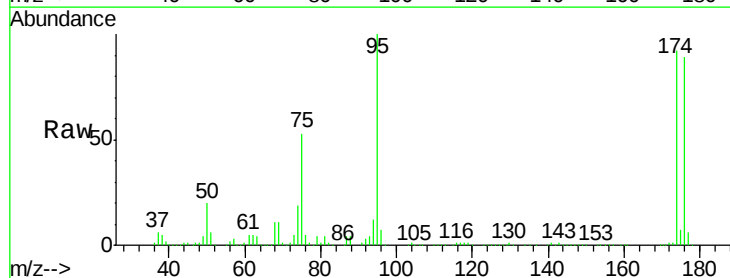
Acq: 25 Jun 2018 21:41

Tgt Ion: 75 Resp: 90042

Ion Ratio Lower Upper

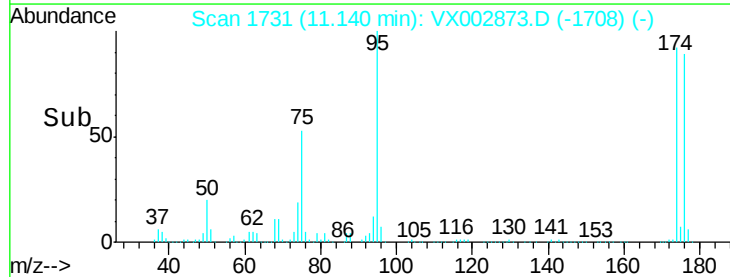
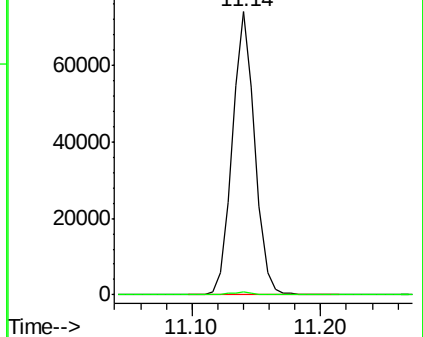
75 100

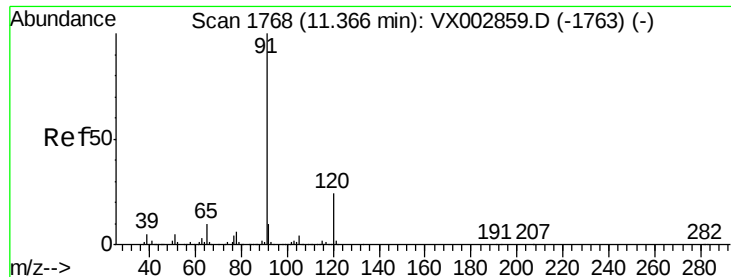
77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

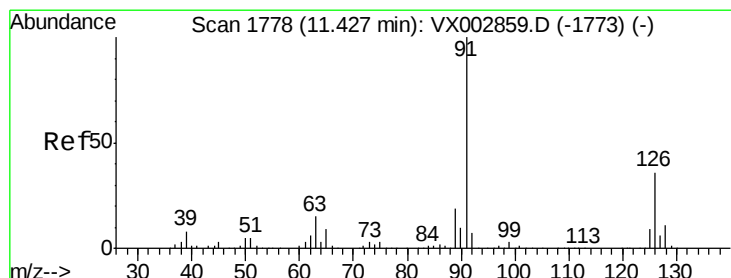
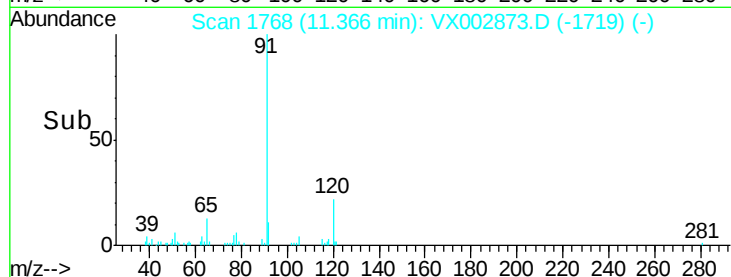
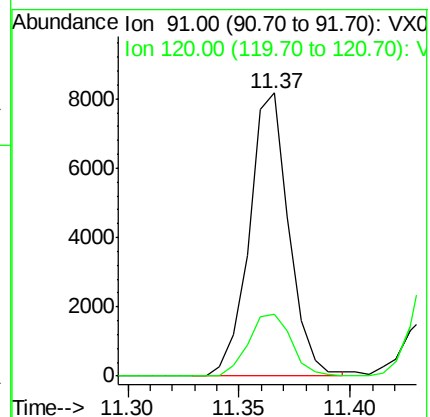
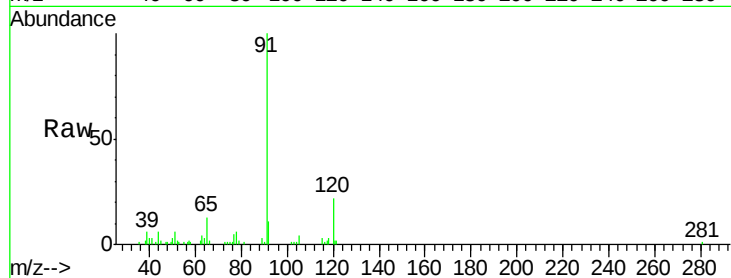
S83-0019DL

Tot Ion: 91 Resp: 10161

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.48 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002873.D

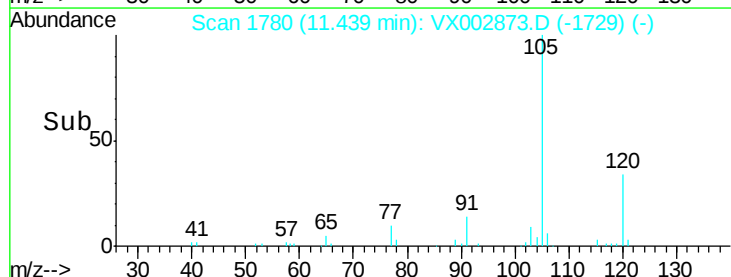
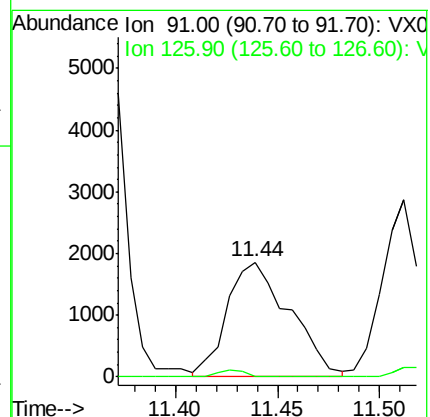
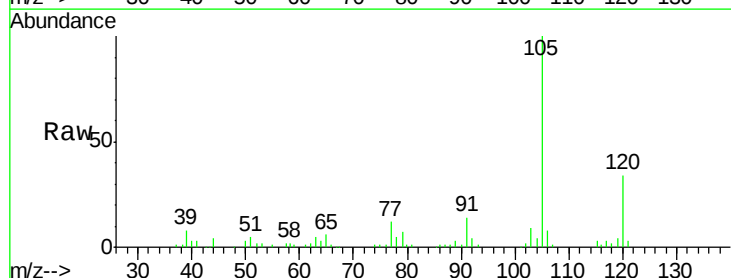
Acq: 25 Jun 2018 21:41

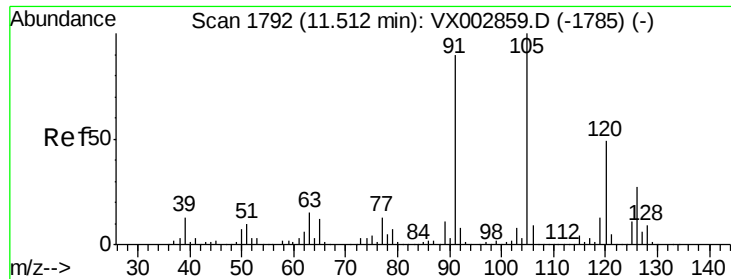
Tgt Ion: 91 Resp: 3961

Ion Ratio Lower Upper

91 100

126 2.5 17.7 53.1#

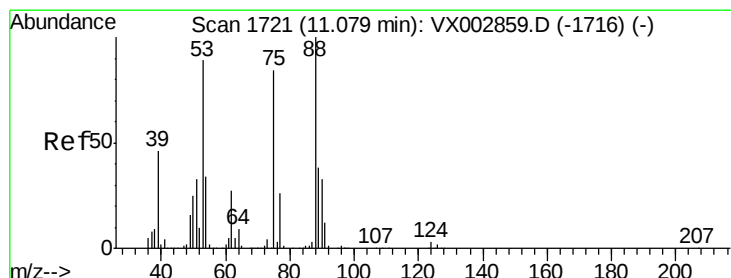
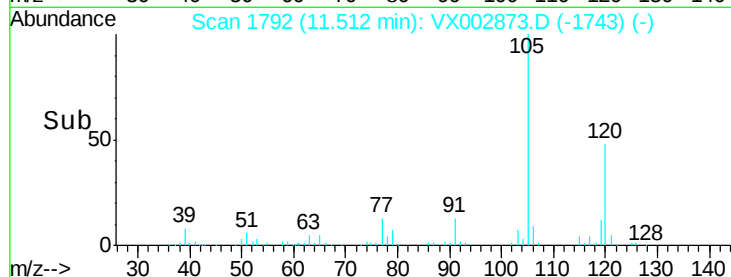
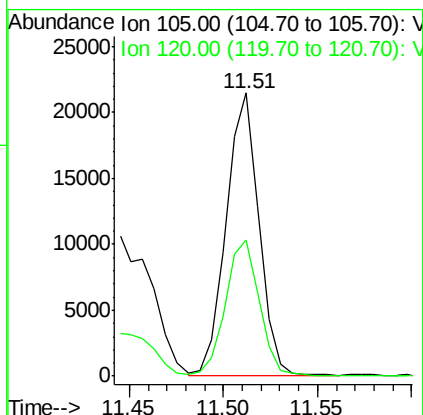
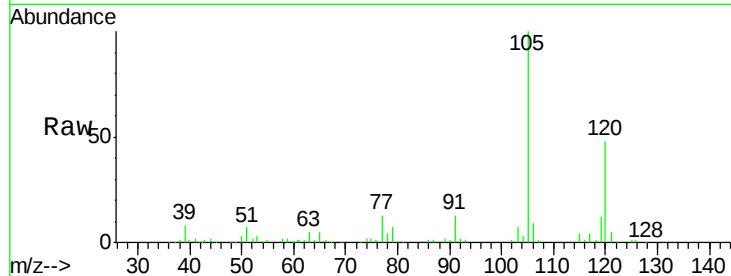




#80
 1,3,5-Trimethylbenzene
 Concen: 2.57 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

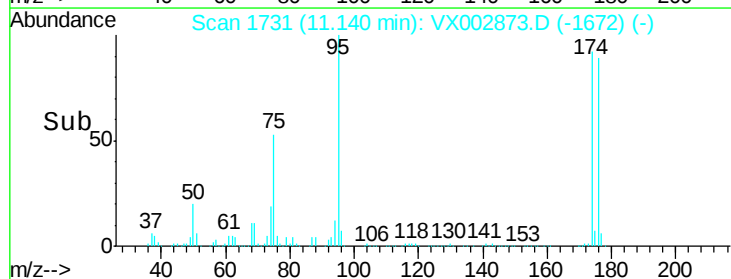
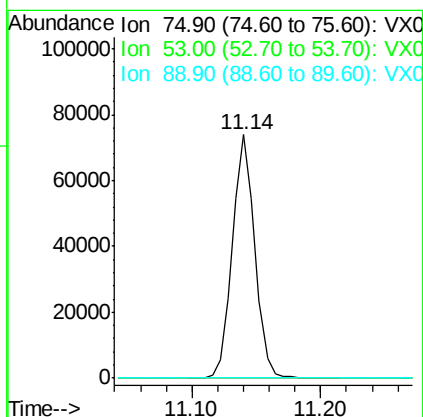
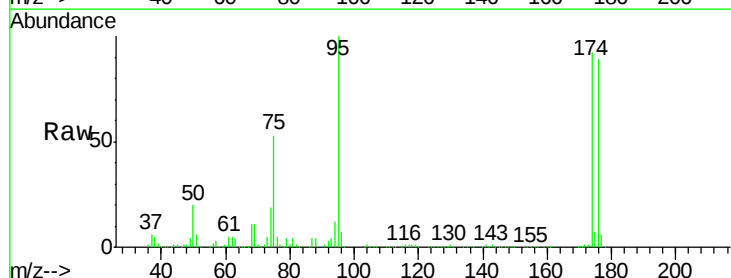
Instrument :
 MSVOA_X
 ClientSampleID :
 S83-0019DL

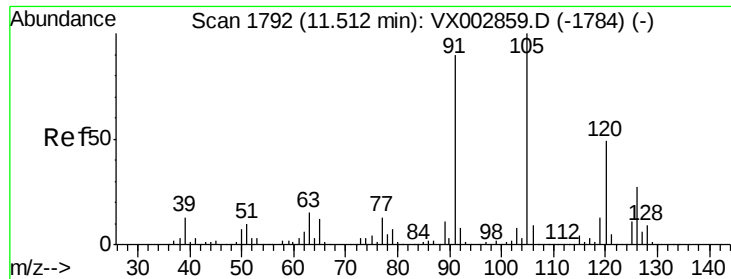
Tot Ion:105 Resp: 25956
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.93 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Tgt Ion: 75 Resp: 90042
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.37 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleID :

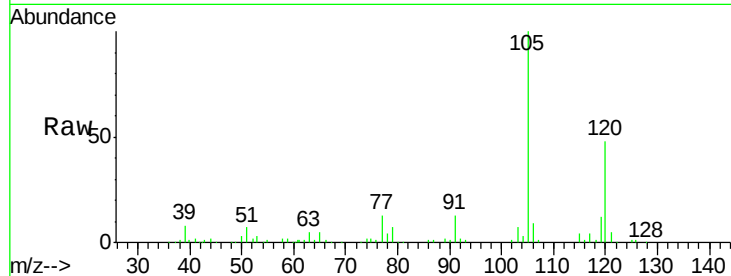
S83-0019DL

Tot Ion: 91 Resp: 3663

Ion Ratio Lower Upper

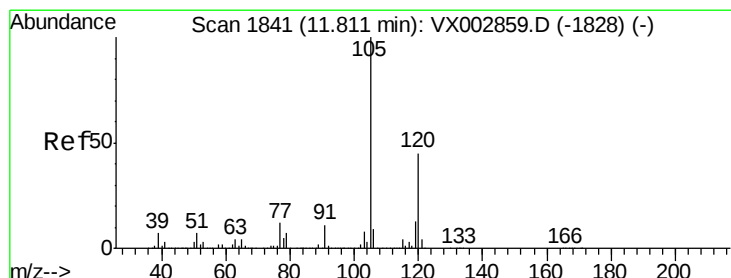
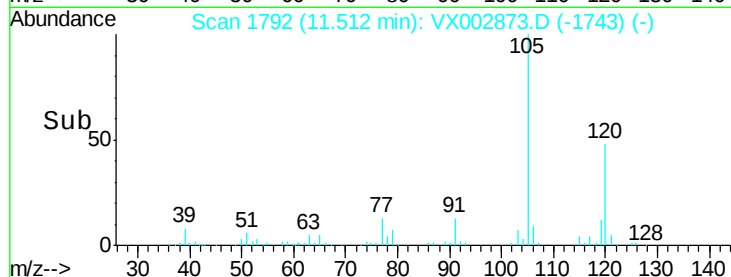
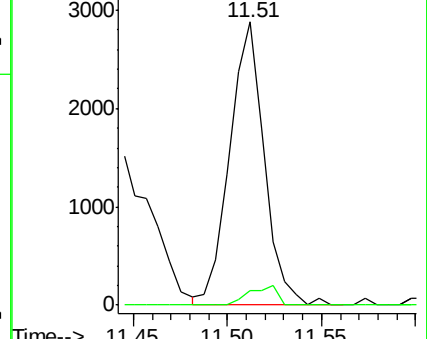
91 100

126 5.6 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 5.82 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002873.D

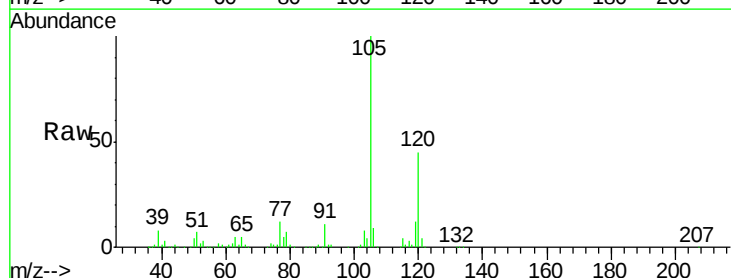
Acq: 25 Jun 2018 21:41

Tgt Ion:105 Resp: 60777

Ion Ratio Lower Upper

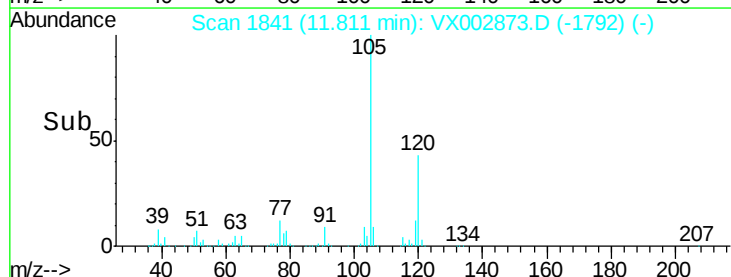
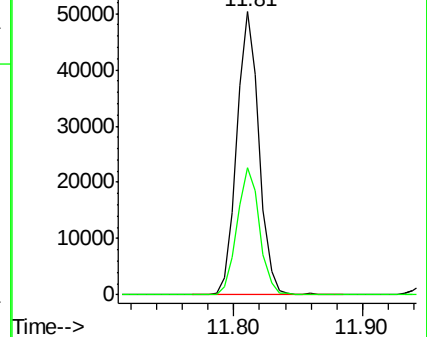
105 100

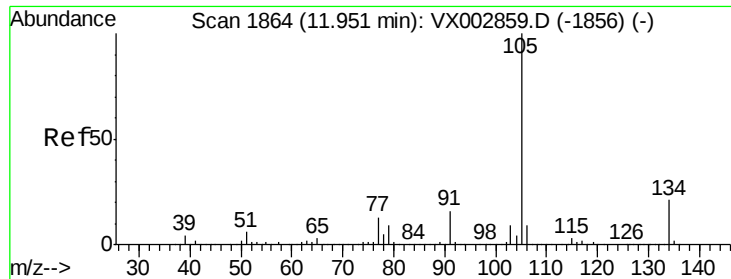
120 45.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

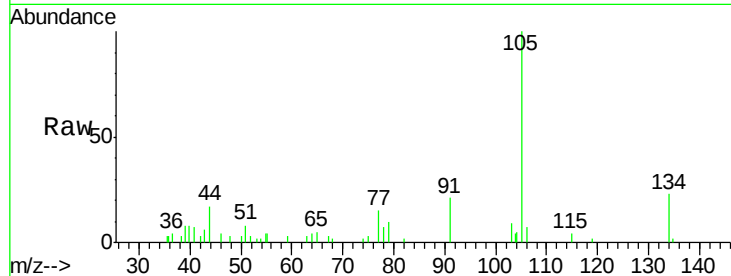




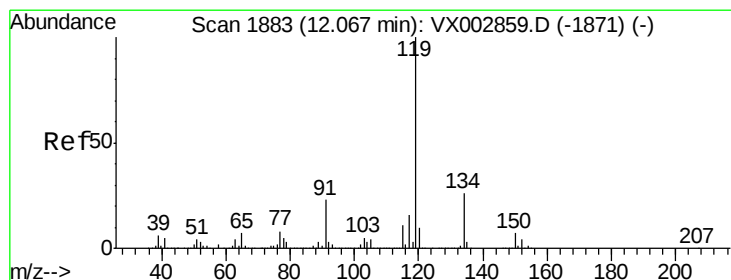
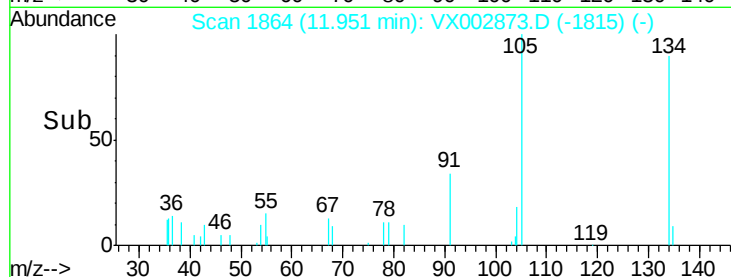
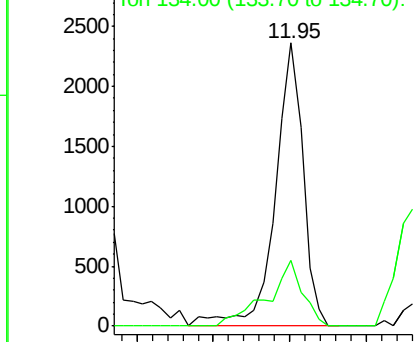
#85
 sec-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Instrument :
 MSVOA_X
 ClientSampled :
 S83-0019DL

Tot Ion:105 Resp: 2997
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.4 31.1

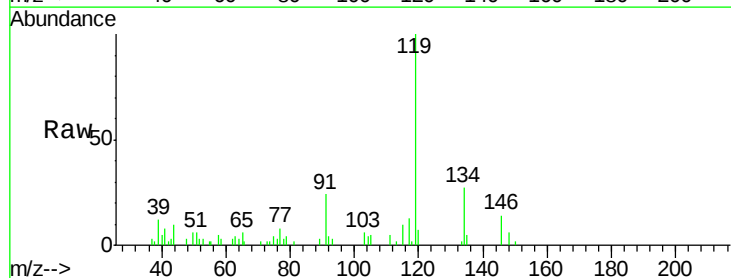


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

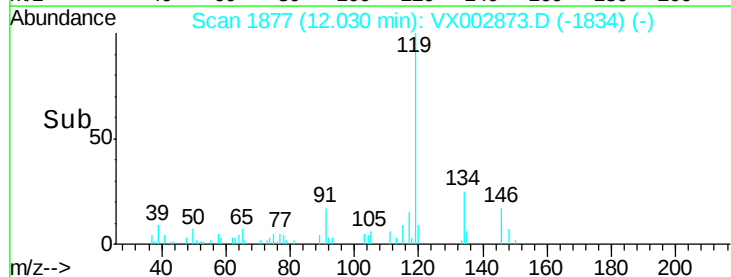
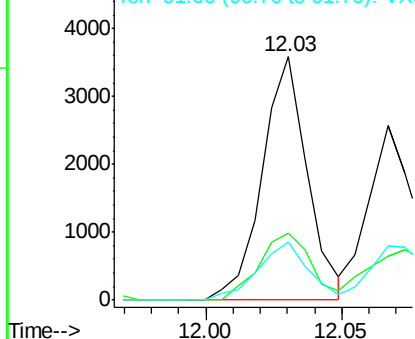


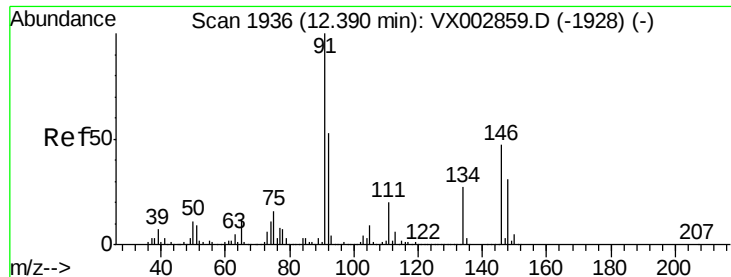
#86
 p-Isopropyltoluene
 Concen: 0.38 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.04 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Tgt Ion:119 Resp: 4120
 Ion Ratio Lower Upper
 119 100
 134 31.7 13.4 40.1
 91 26.9 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





#89

n-Butylbenzene

Concen: 0.40 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

S83-0019DL

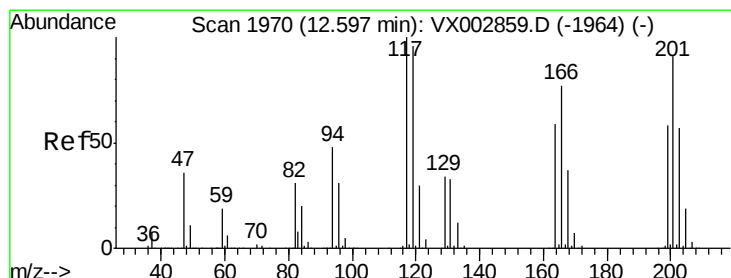
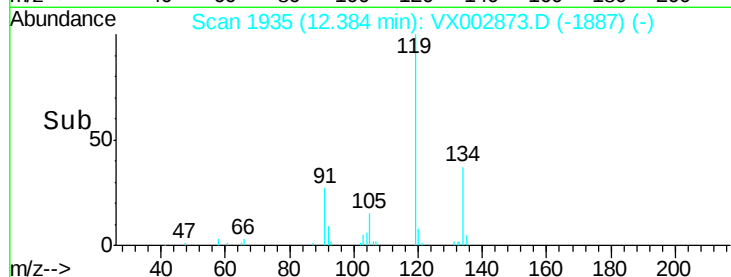
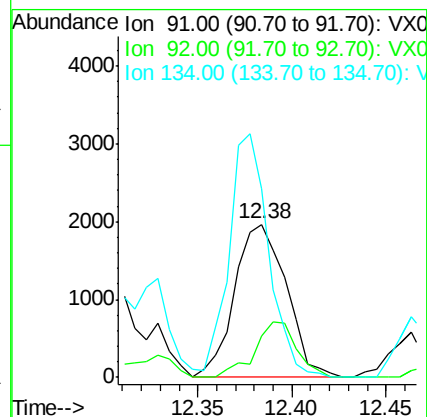
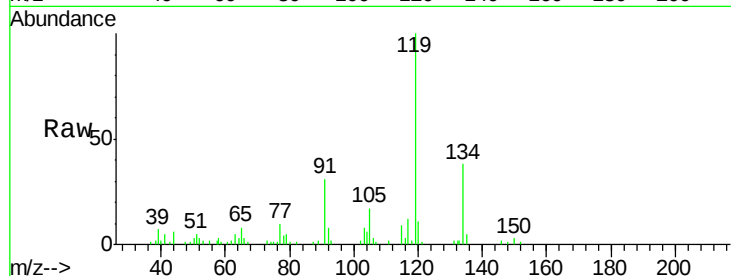
Tot Ion: 91 Resp: 3745

Ion Ratio Lower Upper

91 100

92 29.2 26.0 78.0

134 121.5 13.5 40.5#



#90

Hexachloroethane

Concen: 0.65 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002873.D

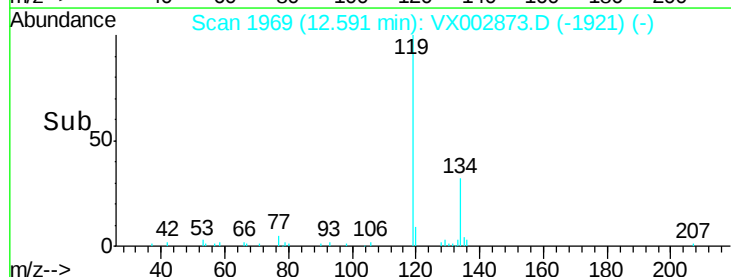
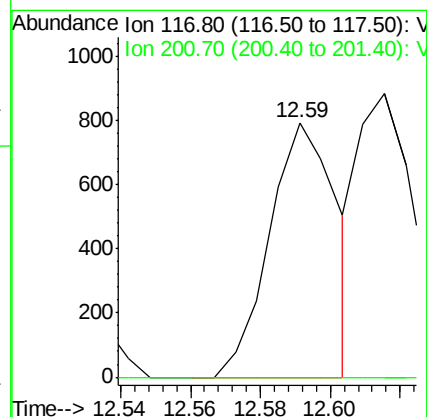
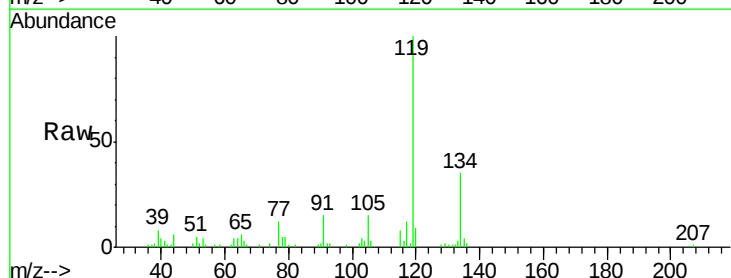
Acq: 25 Jun 2018 21:41

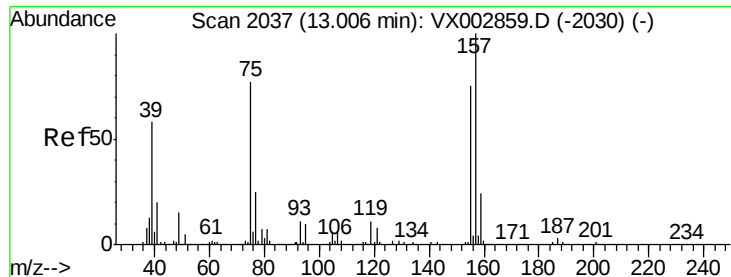
Tgt Ion: 117 Resp: 1056

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

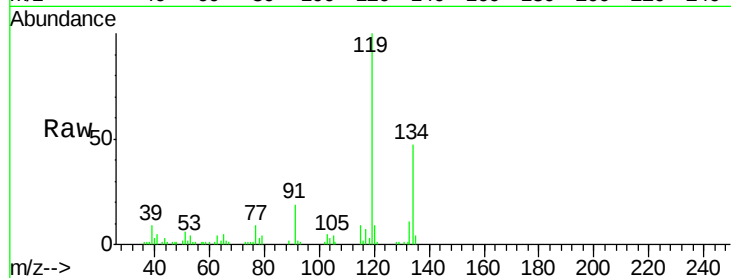
Tot Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

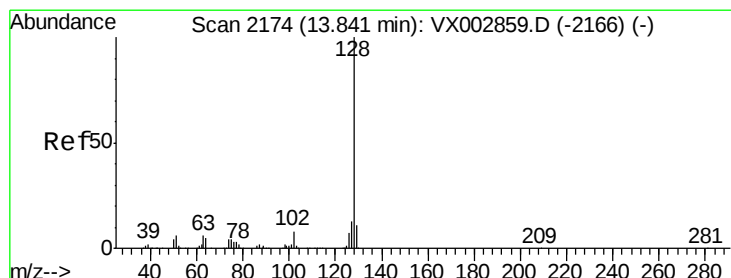
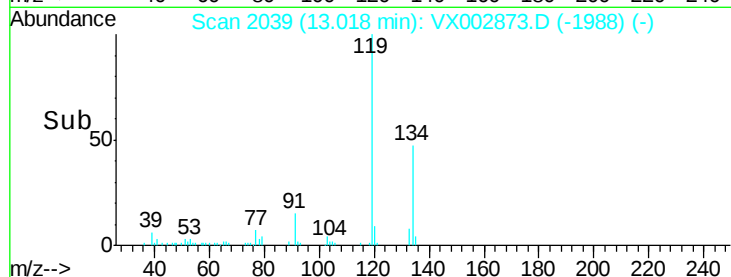
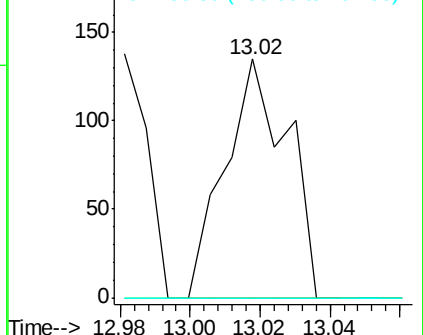
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.98 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

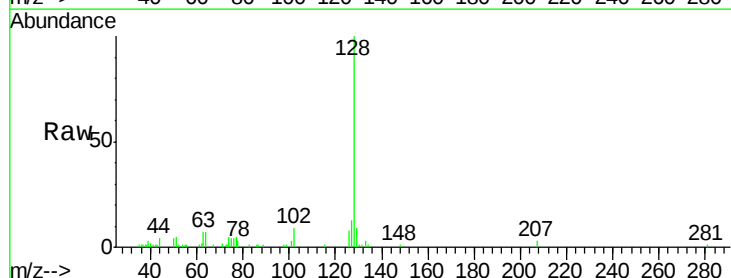
Tgt Ion:128 Resp: 11887

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 12.6 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

