

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006340.D
 Acq On : 07 Dec 2018 12:05
 Operator : JC/MD
 Sample : J6231-01ME
 Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0485ME

Quant Time: Dec 08 00:09:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	735061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1107293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1009117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	543327	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	353509	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
35) Dibromofluoromethane	5.50	113	339861	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	1272076	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	489538	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

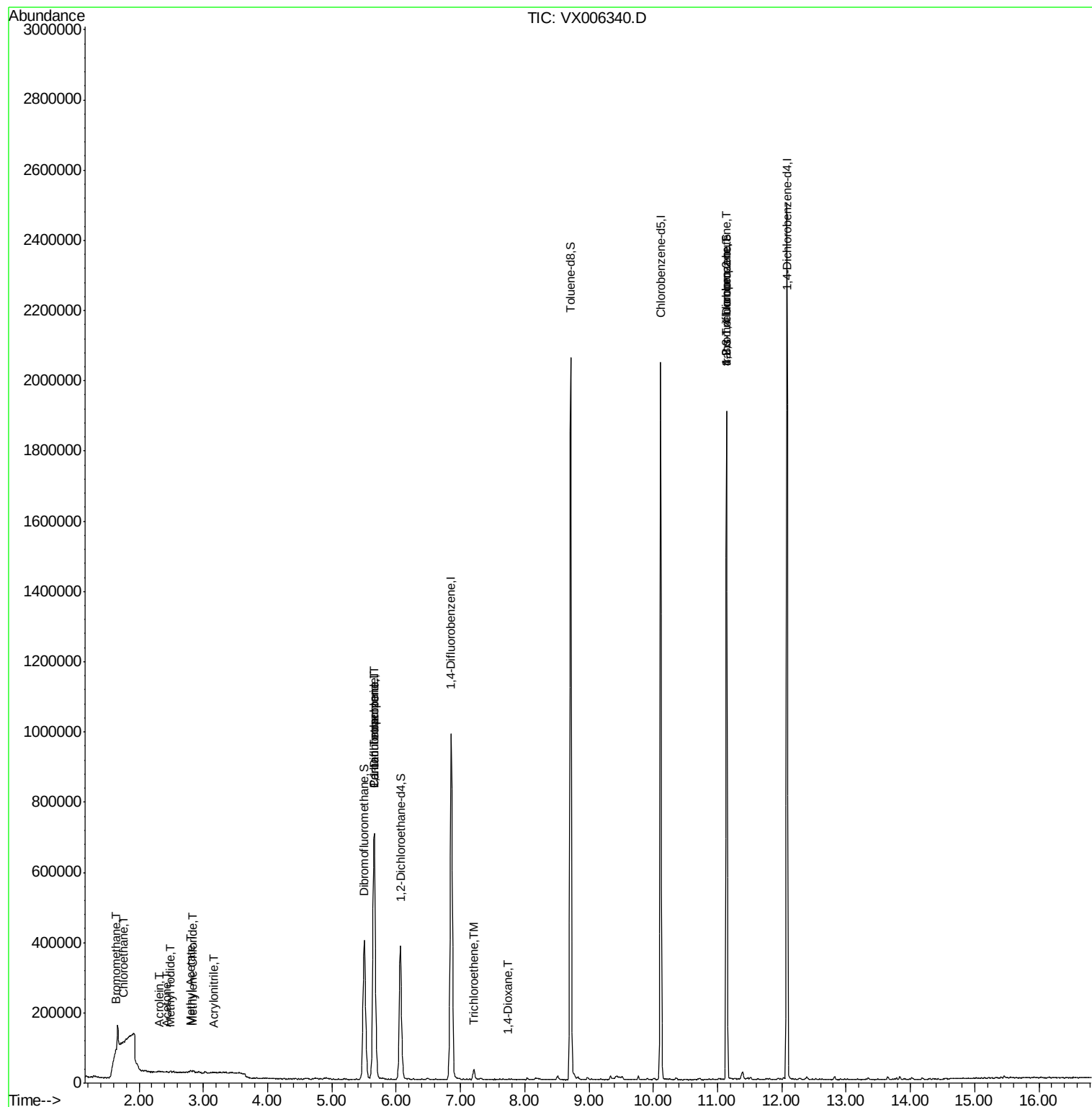
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2887	0.523	ug/l #	77
6) Chloroethane	1.75	64	1163	0.238	ug/l	98
10) Methyl Iodide	2.49	142	2982	0.285	ug/l #	84
13) Acrolein	2.32	56	253	0.226	ug/l #	37
15) Acrylonitrile	3.15	53	1118	0.261	ug/l #	28
16) Acetone	2.42	43	1293	0.367	ug/l	89
18) Methyl Acetate	2.80	43	5062	0.430	ug/l #	56
20) Methylene Chloride	2.84	84	2353	0.314	ug/l #	77
36) 1,1-Dichloropropene	5.65	75	46650	5.003	ug/l #	48
38) Carbon Tetrachloride	5.66	117	66072	6.023	ug/l #	16
44) Trichloroethene	7.21	130	11918	1.409	ug/l	91
49) 1,4-Dioxane	7.74	88	162	0.776	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	226567	21.604	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	226567	50.699	ug/l #	15

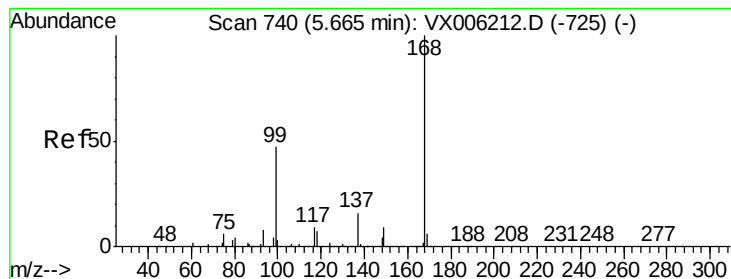
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
S49-0485ME

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

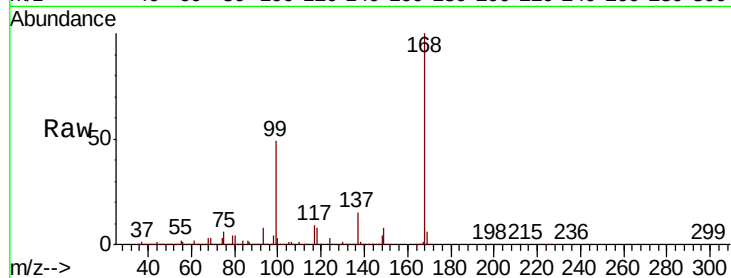
S49-0485ME

Tot Ion:168 Resp: 735061

Ion Ratio Lower Upper

168 100

99 49.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

250000

200000

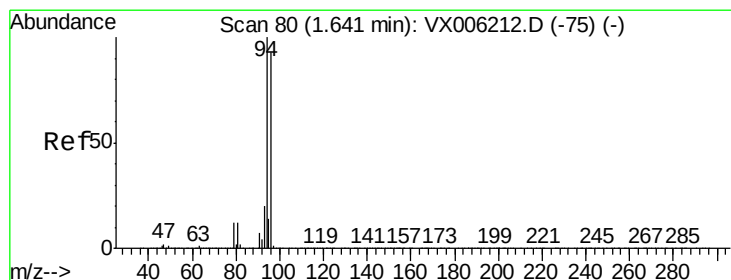
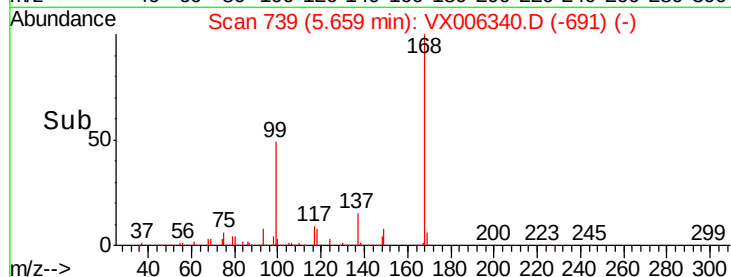
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.523 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006340.D

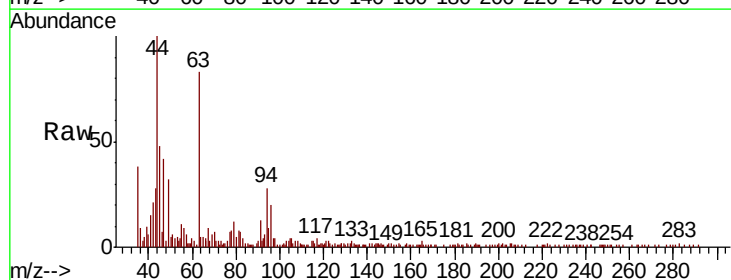
Acq: 07 Dec 2018 12:05

Tgt Ion: 94 Resp: 2887

Ion Ratio Lower Upper

94 100

96 70.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

3000

2500

2000

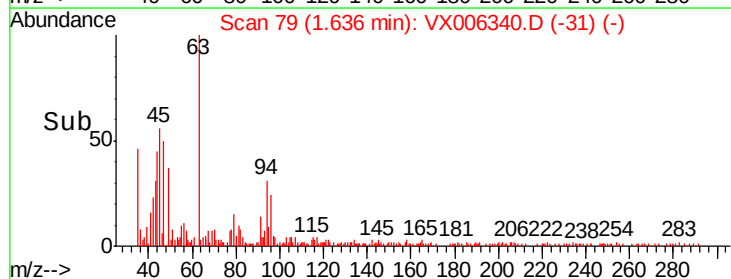
1500

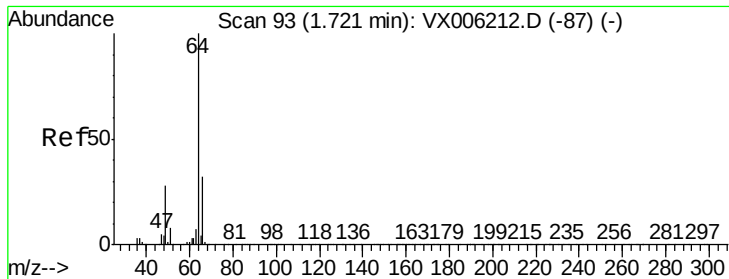
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.238 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.02 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

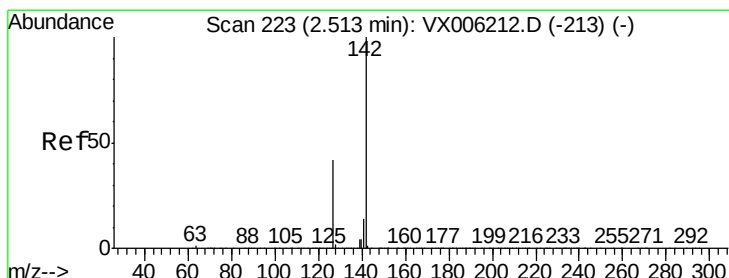
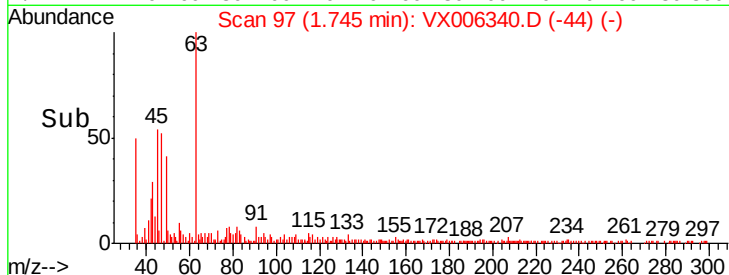
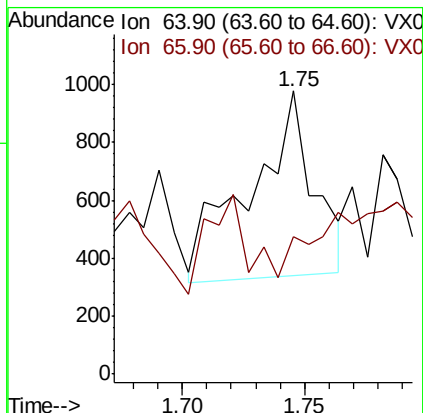
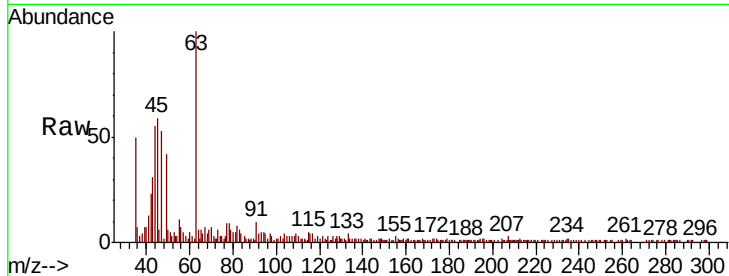
S49-0485ME

Tot Ion: 64 Resp: 1163

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9



#10

Methyl Iodide

Concen: 0.285 ug/l

RT: 2.49 min Scan# 219

Delta R.T. -0.02 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

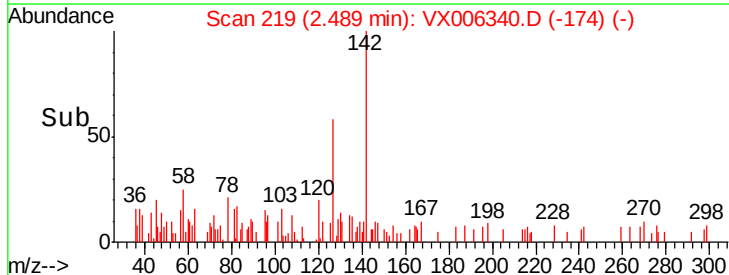
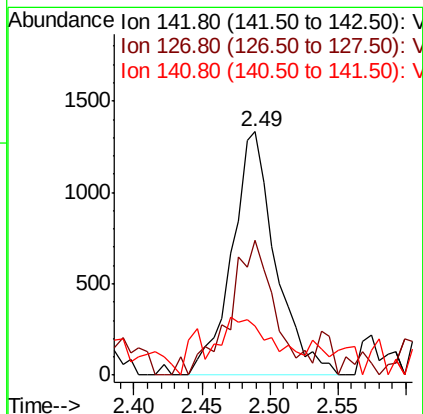
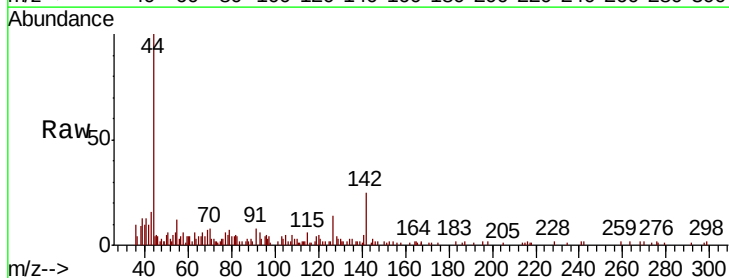
Tgt Ion: 142 Resp: 2982

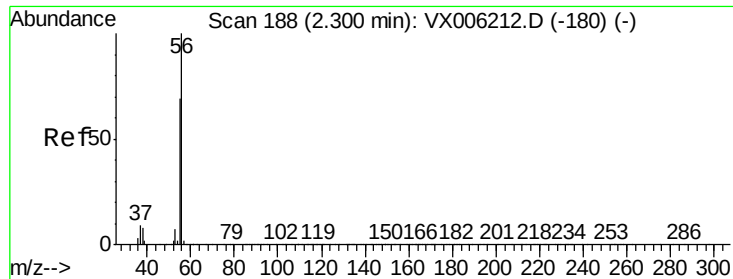
Ion Ratio Lower Upper

142 100

127 55.5 34.8 52.2#

141 17.7 11.4 17.2#





#13

Acrolein

Concen: 0.226 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

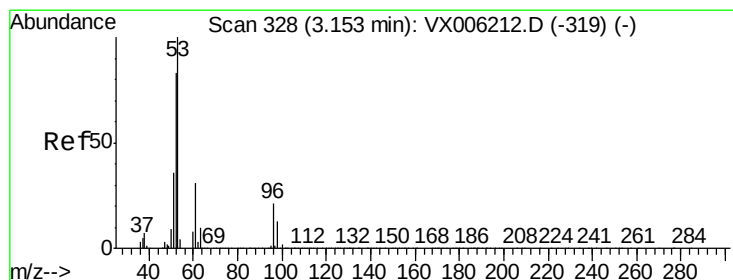
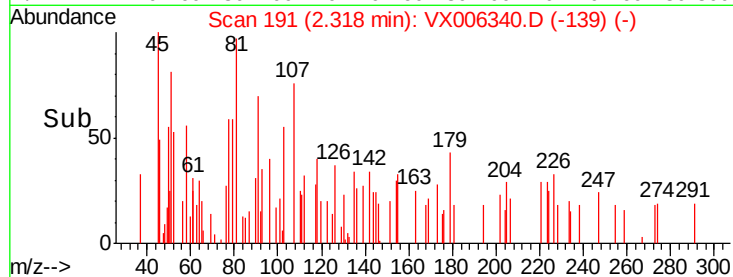
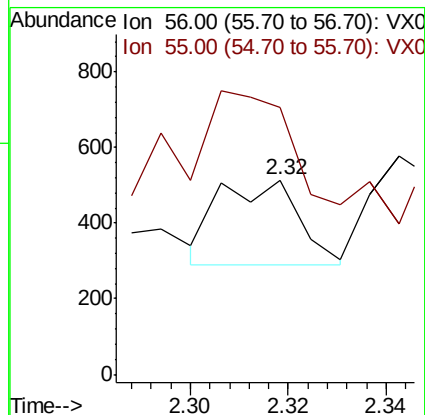
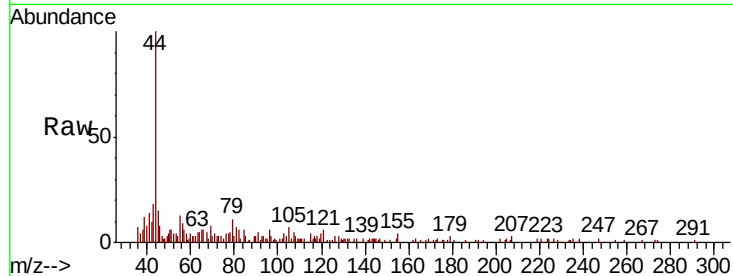
S49-0485ME

Tot Ion: 56 Resp: 253

Ion Ratio Lower Upper

56 100

55 124.9 57.8 86.6#



#15

Acrylonitrile

Concen: 0.261 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

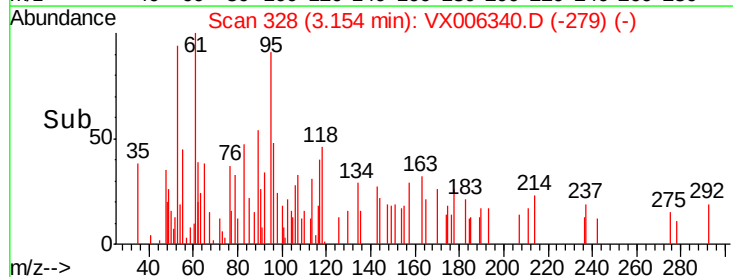
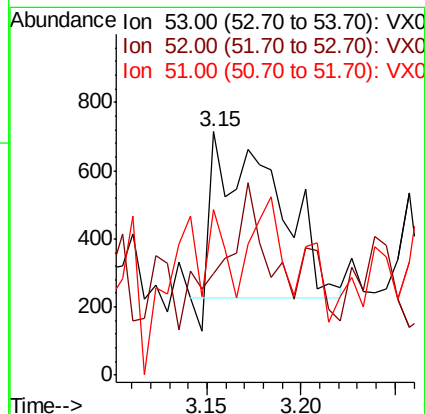
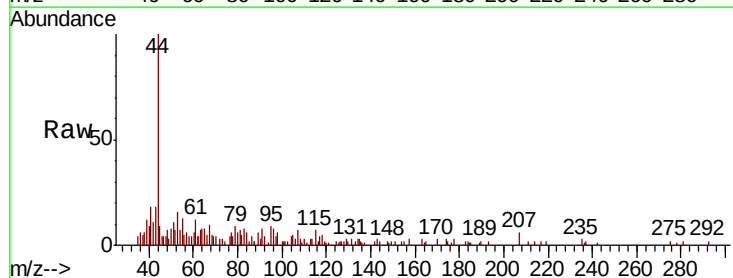
Tgt Ion: 53 Resp: 1118

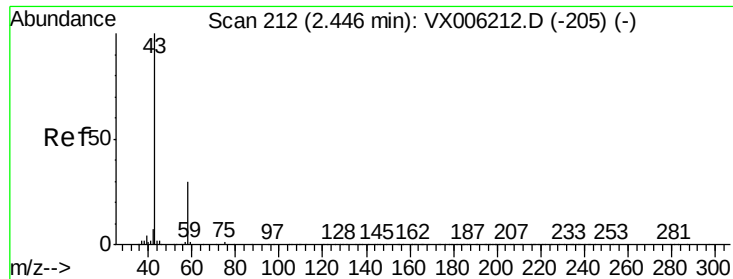
Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.4#

51 51.6 28.7 43.1#

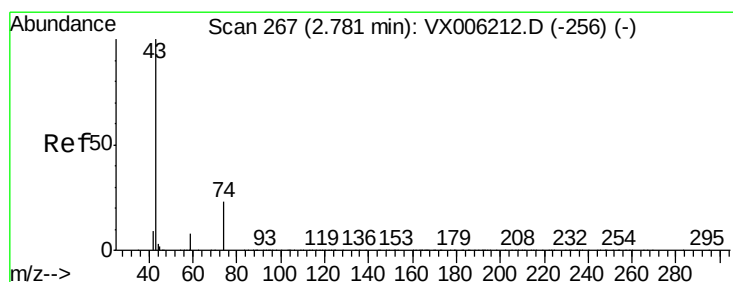
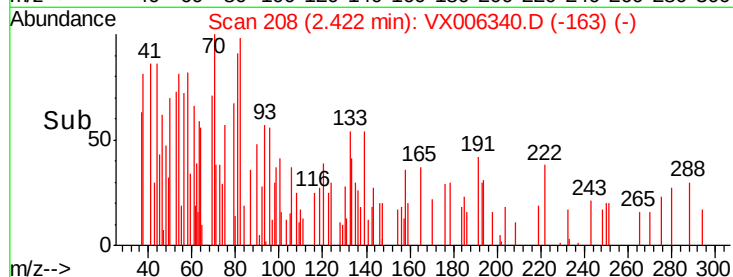
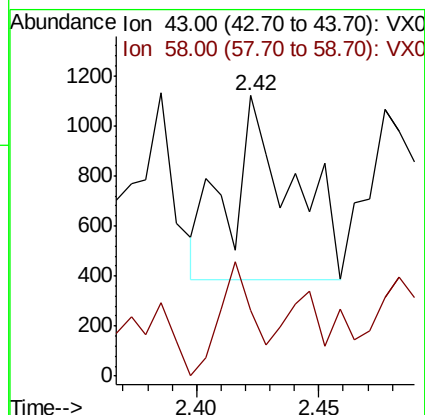
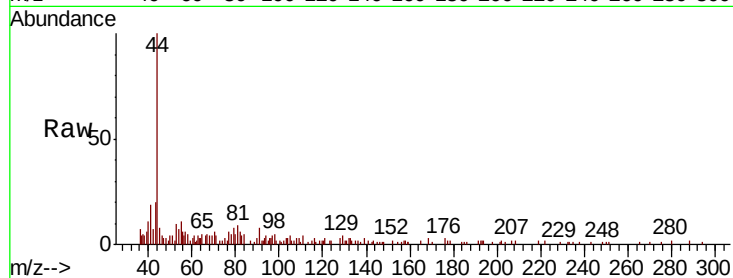




#16
Acetone
Concen: 0.367 ug/l
RT: 2.42 min Scan# 208
Delta R.T. -0.02 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

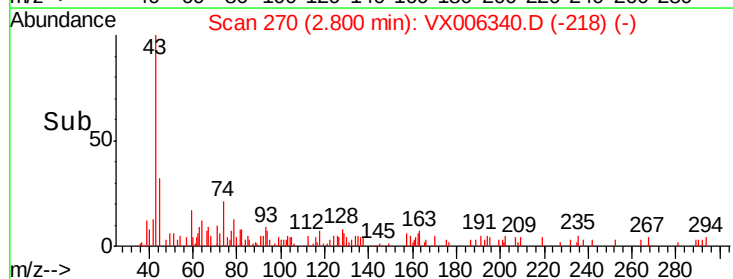
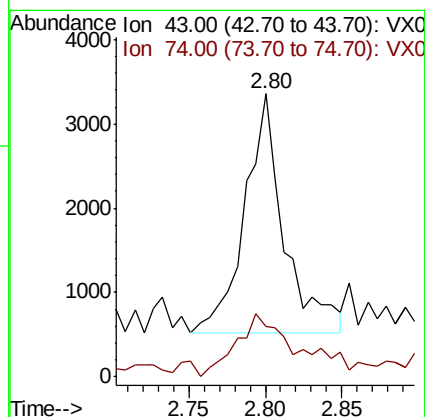
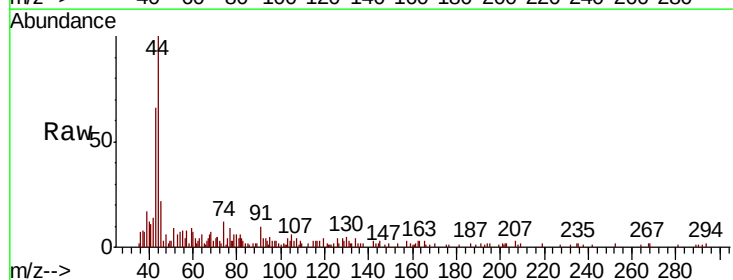
Instrument :
MSVOA_X
ClientSampled :
S49-0485ME

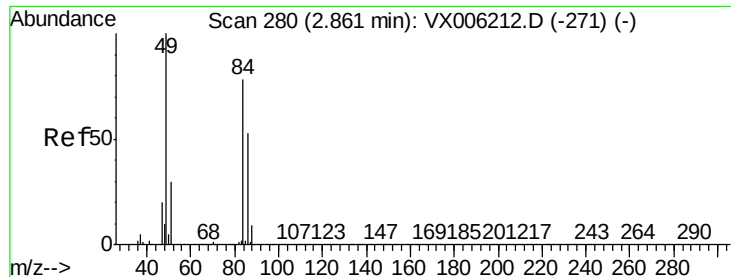
Tot Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
58 35.9 24.0 36.0



#18
Methyl Acetate
Concen: 0.430 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
74 43.5 17.9 26.9#

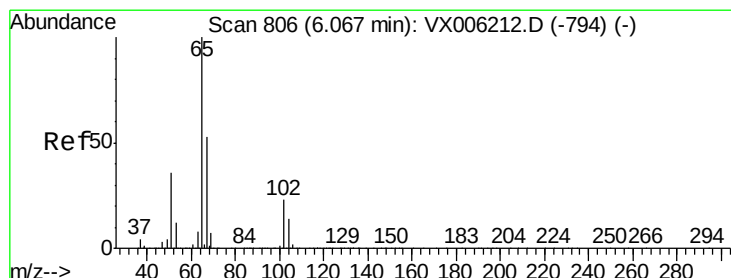
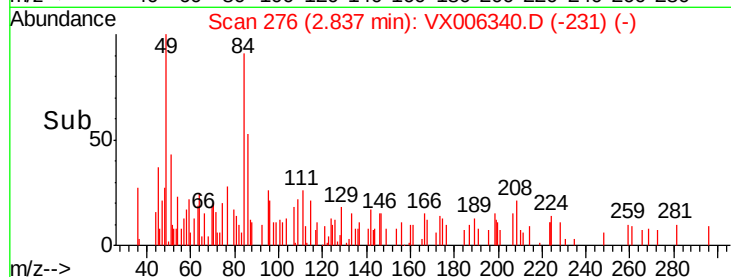
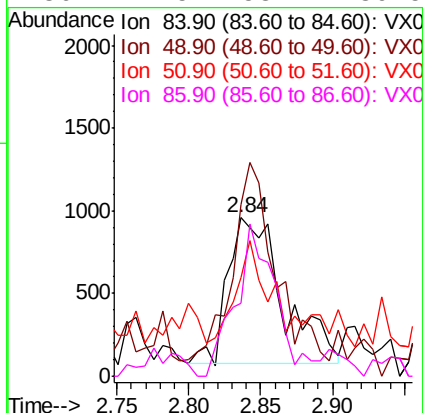
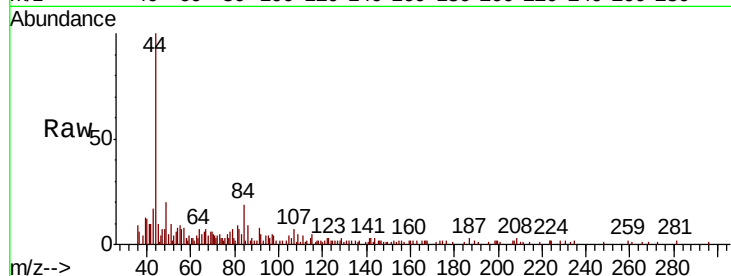




#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

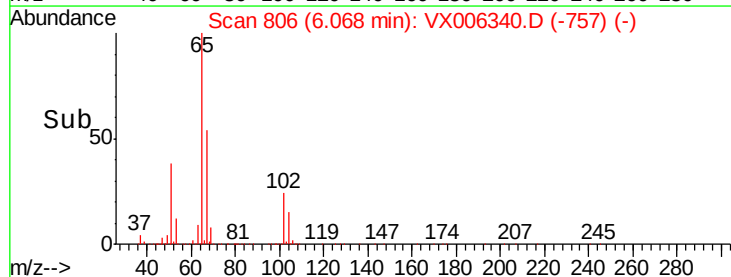
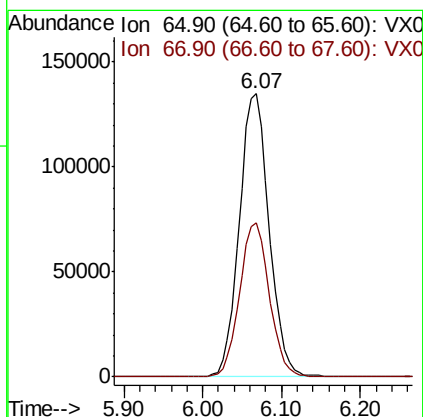
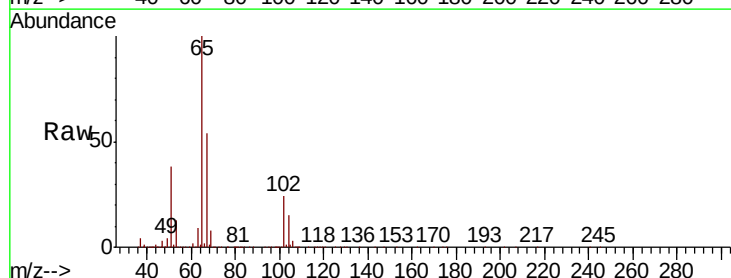
Instrument :
MSVOA_X
ClientSampleId :
S49-0485ME

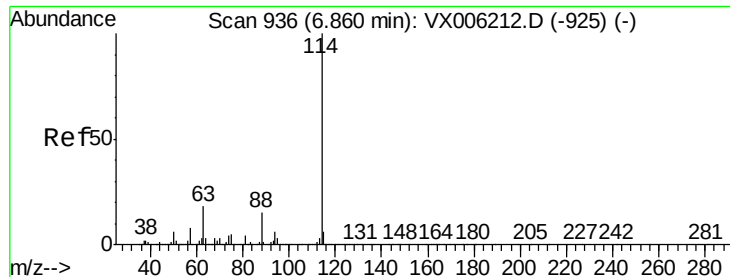
Tot Ion: 84 Resp: 2353
Ion Ratio Lower Upper
84 100
49 107.1 102.2 153.4
51 22.0 31.1 46.7#
86 42.5 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 47.111 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Tgt Ion: 65 Resp: 353509
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2

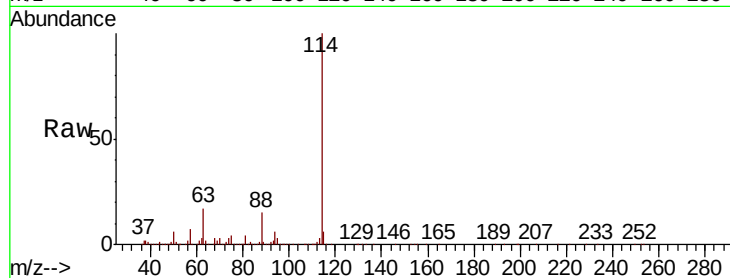




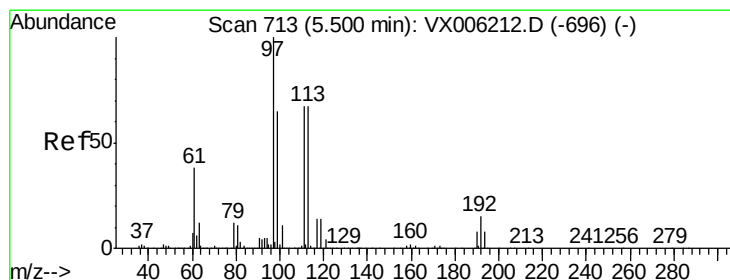
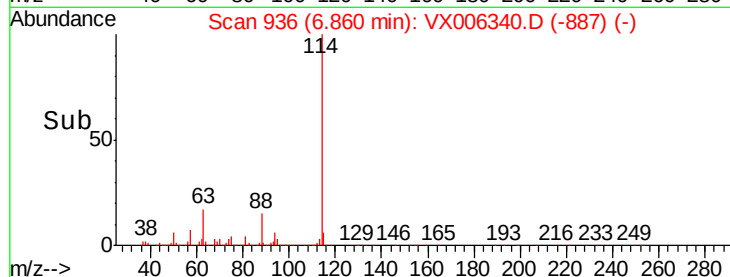
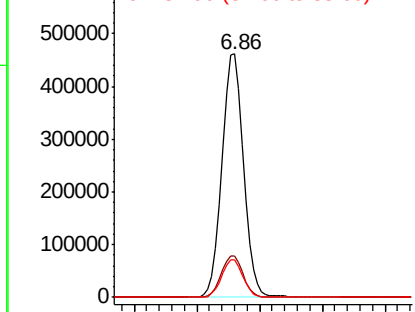
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
S49-0485ME

Tot Ion:114 Resp: 1107293
Ion Ratio Lower Upper
114 100
63 16.8 0.0 36.6
88 15.4 0.0 29.0

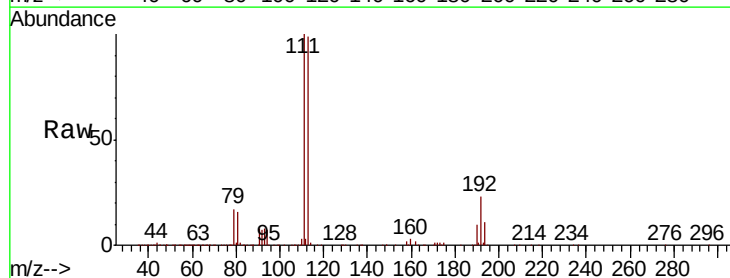


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

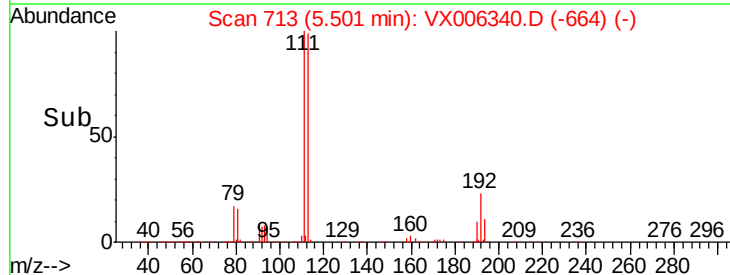
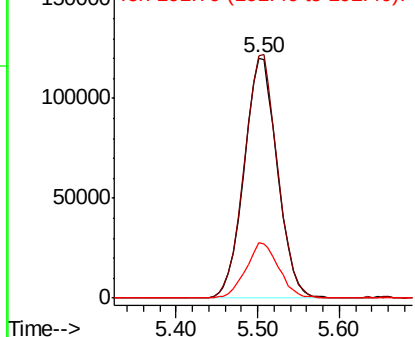


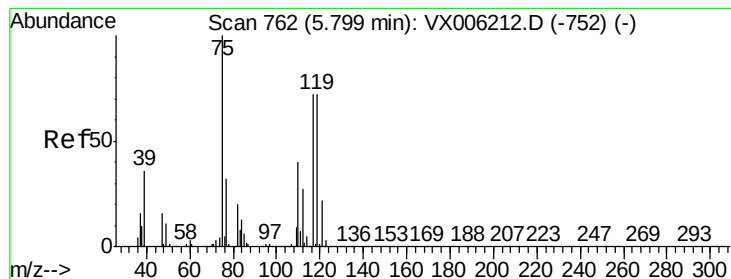
#35
Dibromofluoromethane
Concen: 47.405 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Tgt Ion:113 Resp: 339861
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 22.9 18.2 27.2



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: 5.003 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

S49-0485ME

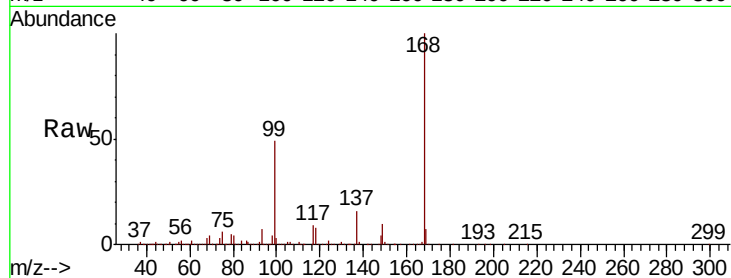
Tot Ion: 75 Resp: 46650

Ion Ratio Lower Upper

75 100

110 10.2 20.4 61.3#

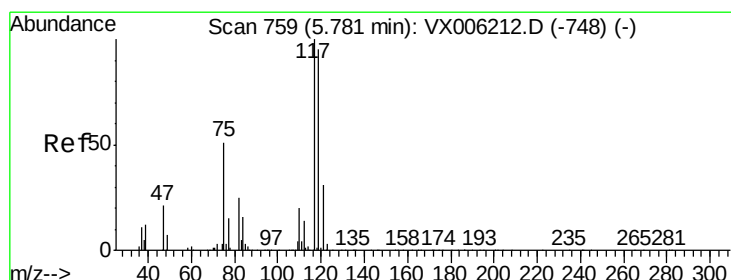
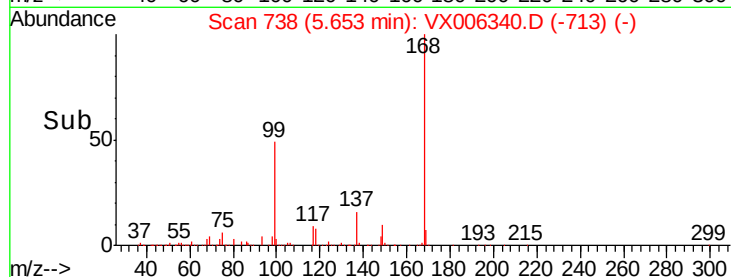
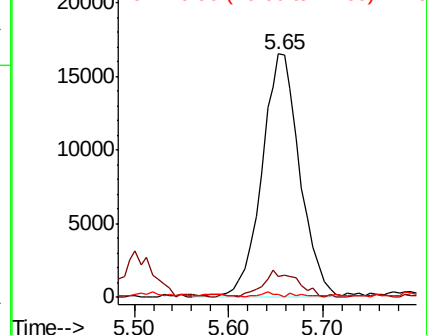
77 1.0 24.9 37.3#



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: 6.023 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

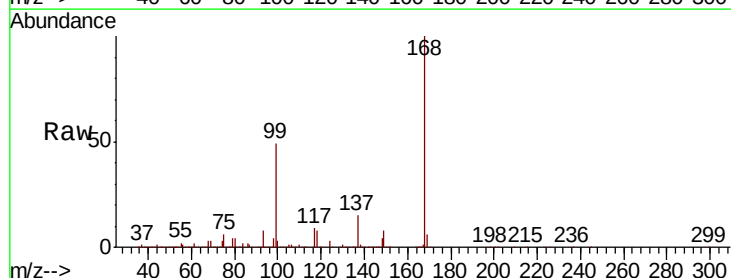
Tgt Ion: 117 Resp: 66072

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

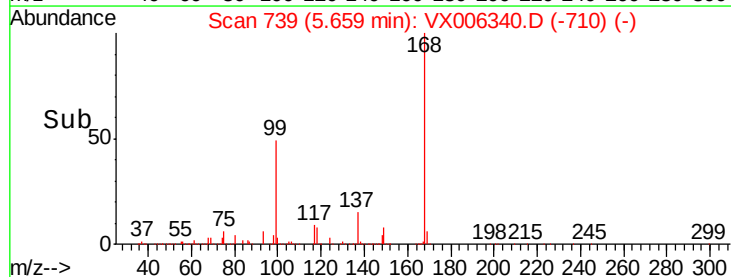
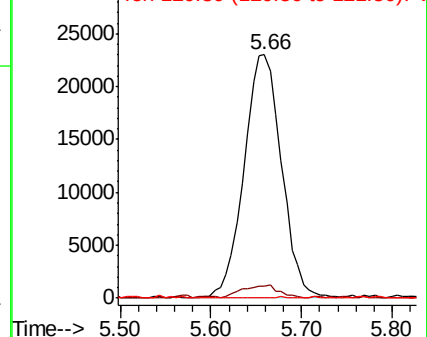
121 0.0 24.6 37.0#

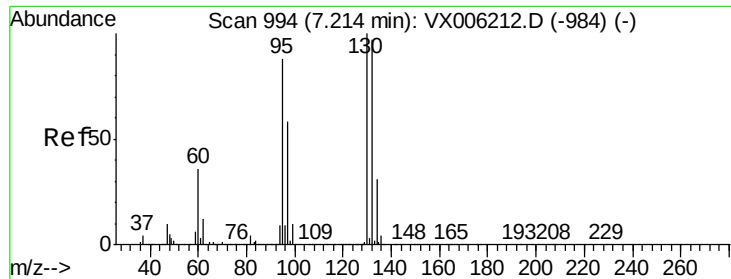


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 1.409 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

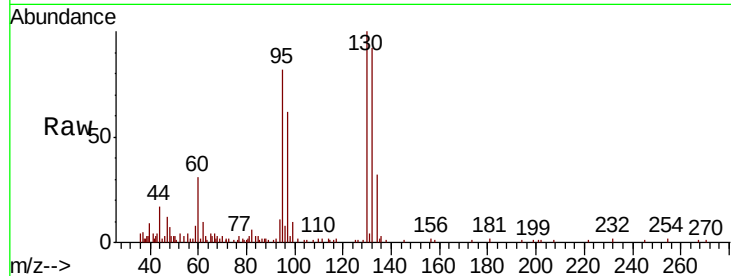
S49-0485ME

Tot Ion:130 Resp: 11918

Ion Ratio Lower Upper

130 100

95 79.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

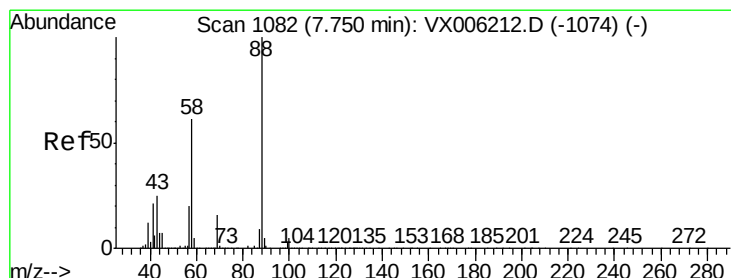
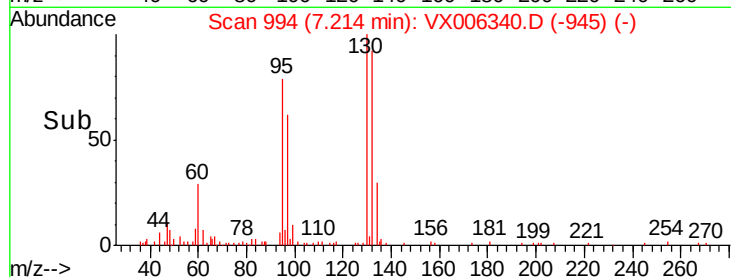
2000

1000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.776 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

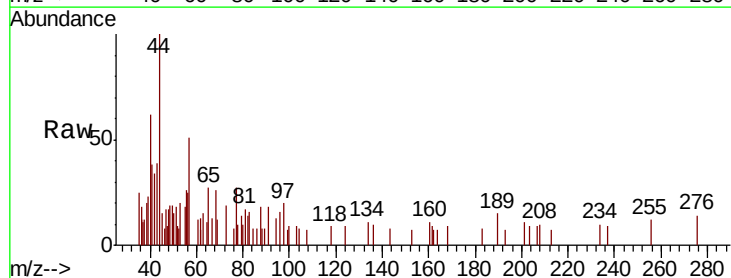
Tgt Ion: 88 Resp: 162

Ion Ratio Lower Upper

88 100

43 168.5 23.2 34.8#

58 171.0 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500

400

300

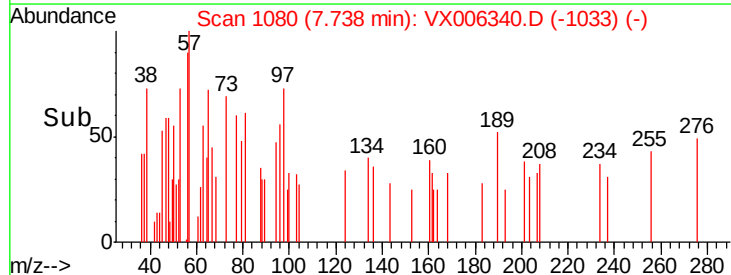
200

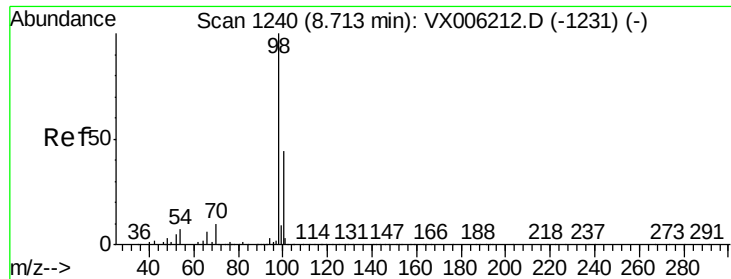
100

0

7.70 7.72 7.74 7.76

Time-->

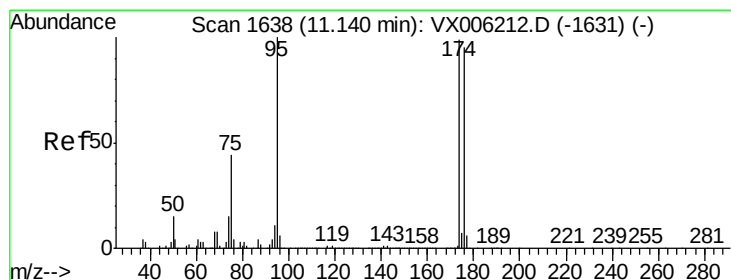
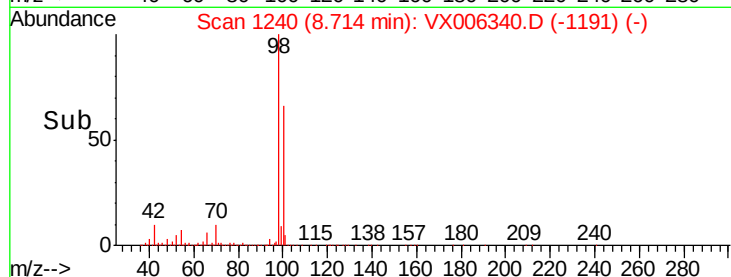
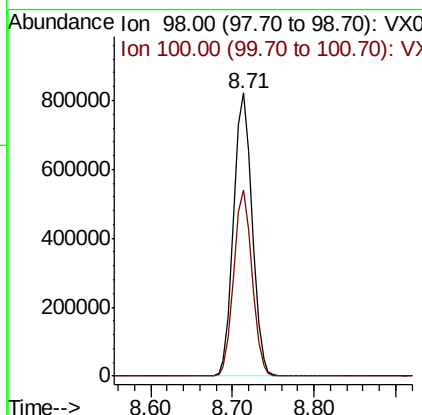
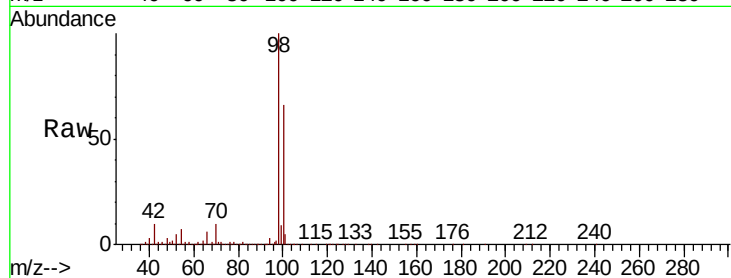




#50
Toluene-d8
Concen: 48.780 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

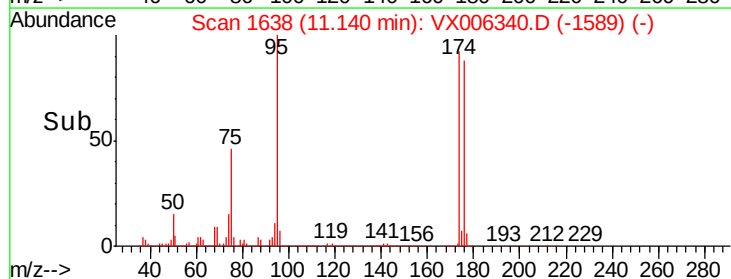
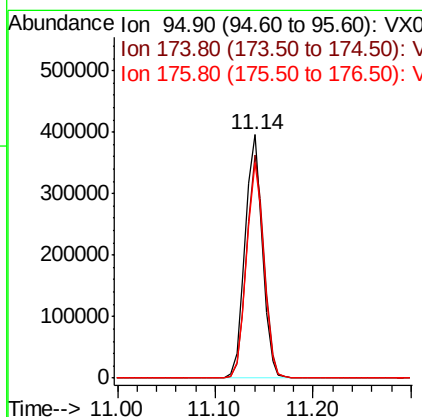
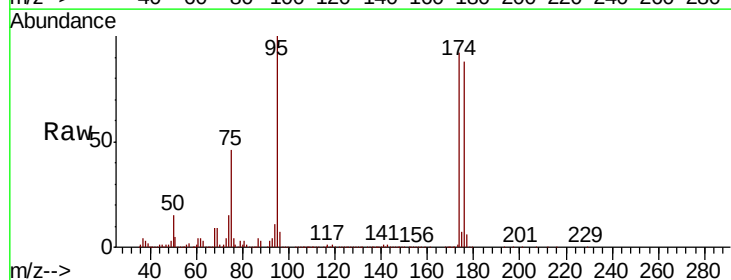
Instrument :
MSVOA_X
ClientSampleId :
S49-0485ME

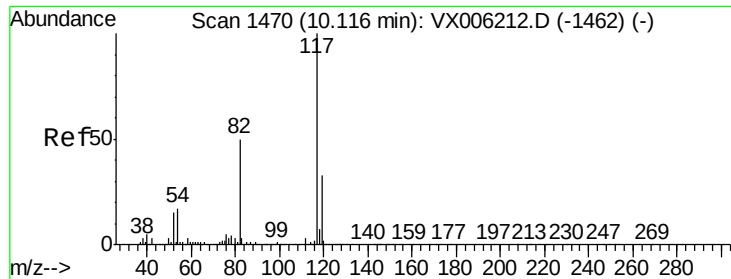
Tot Ion: 98 Resp: 1272076
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.816 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Tgt Ion: 95 Resp: 489538
Ion Ratio Lower Upper
95 100
174 91.7 0.0 187.0
176 88.8 0.0 181.8

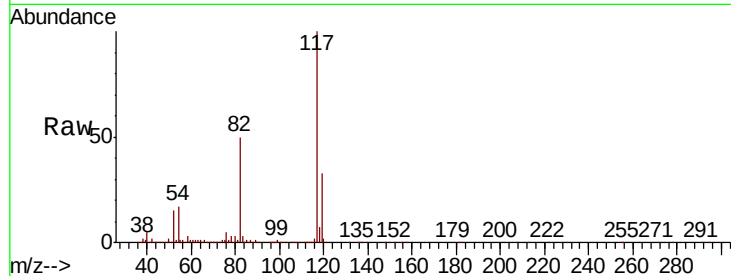




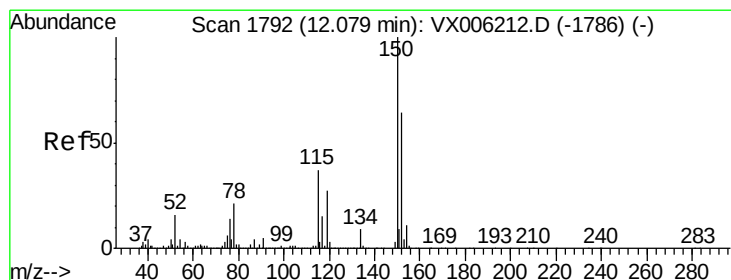
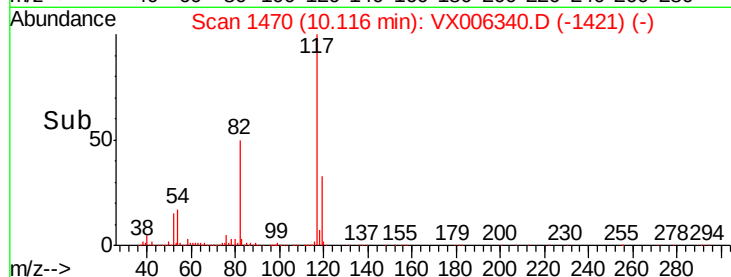
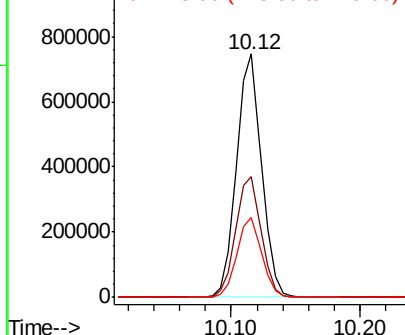
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
S49-0485ME

Tot Ion:117 Resp: 1009117
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 32.7 26.3 39.5

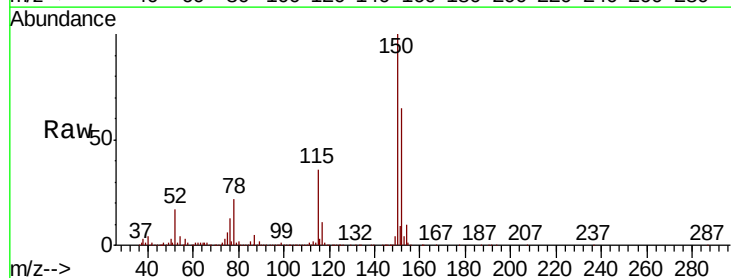


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

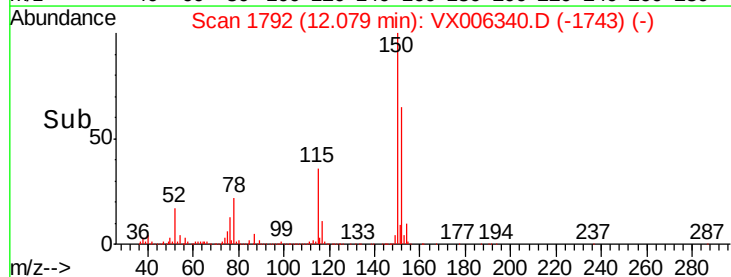
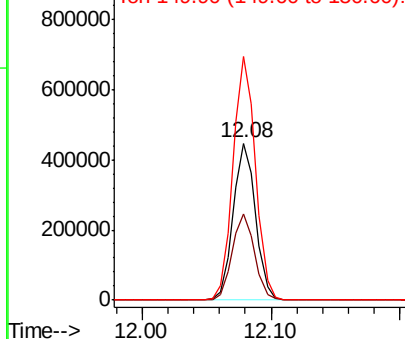


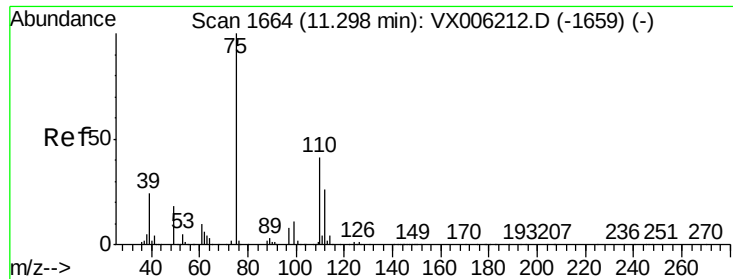
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006340.D
Acq: 07 Dec 2018 12:05

Tgt Ion:152 Resp: 543327
Ion Ratio Lower Upper
152 100
115 55.1 39.0 116.9
150 155.9 0.0 345.8



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





#76

1,2,3-Trichloropropane

Concen: 21.604 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

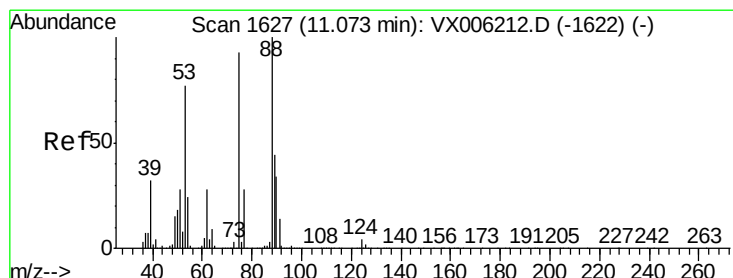
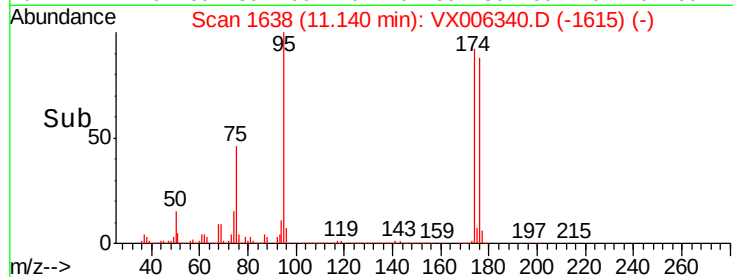
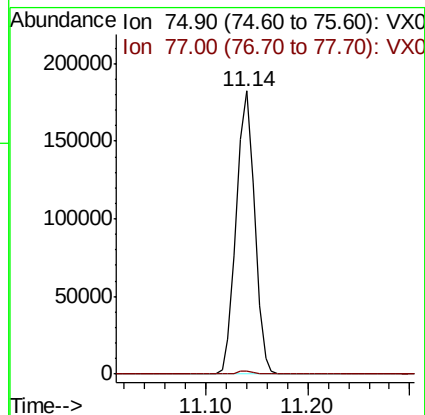
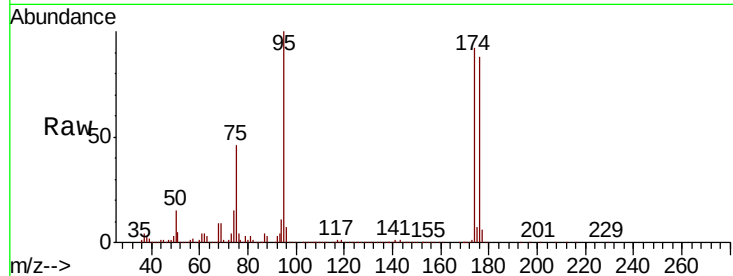
S49-0485ME

Tot Ion: 75 Resp: 226567

Ion Ratio Lower Upper

75 100

77 1.3 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.699 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006340.D

Acq: 07 Dec 2018 12:05

Tgt Ion: 75 Resp: 226567

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

