

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061266.D
 Acq On : 22 Mar 2019 17:41
 Operator : VA/AP
 Sample : K2004-06RE
 Misc : 2.93g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24(12-13)RE

Quant Time: Mar 22 23:28:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	4406	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	11089	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	9172	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	3107	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.51	65	6873	187.41	ug/l	0.06
Spiked Amount			Recovery	=	374.82%	
35) Dibromofluoromethane	6.98	113	5779	70.22	ug/l	0.06
Spiked Amount			Recovery	=	140.44%	
50) Toluene-d8	10.46	98	9946	48.13	ug/l	0.06
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	13.58	95	3224	40.21	ug/l	0.03
Spiked Amount			Recovery	=	80.42%	

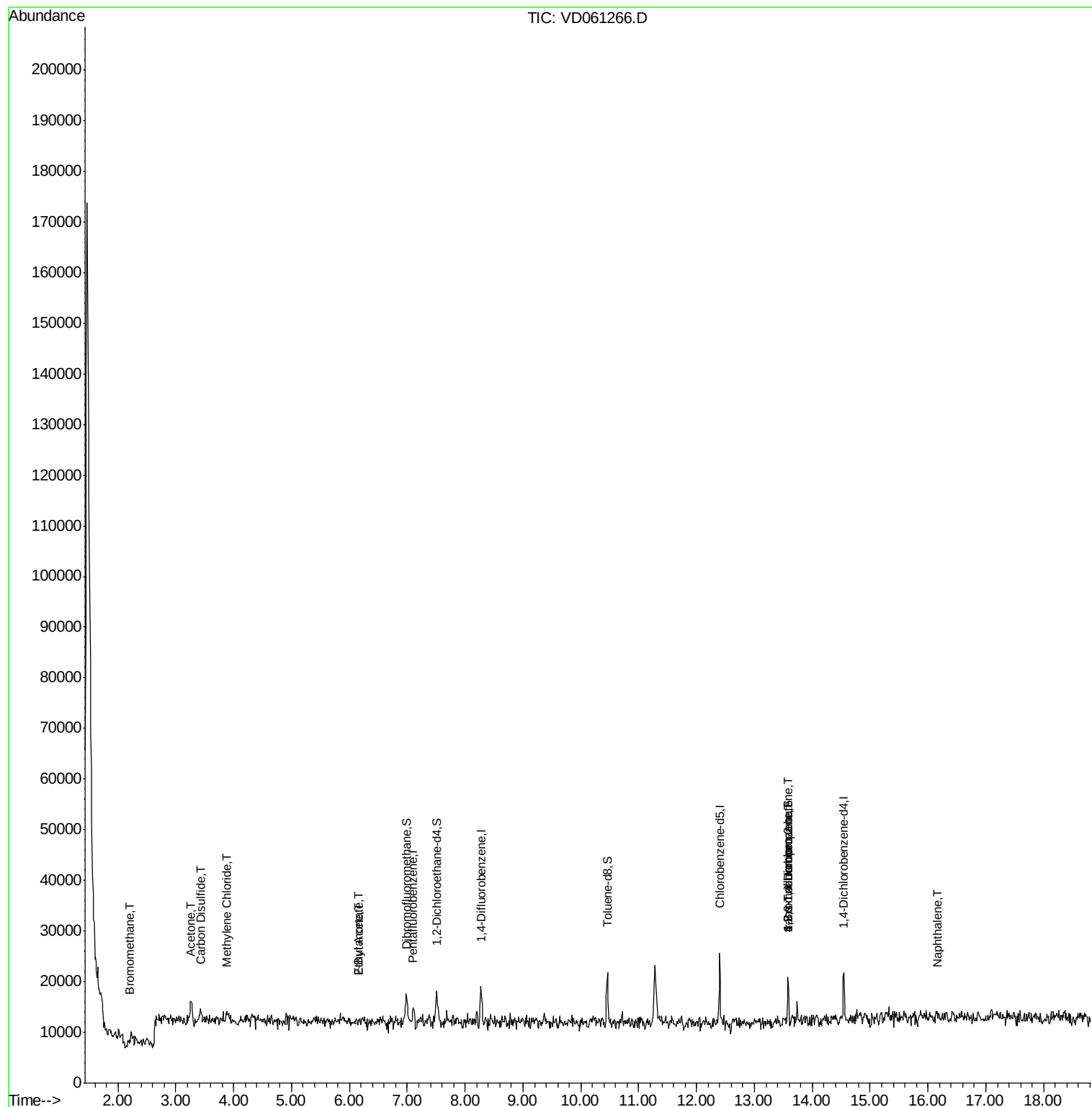
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.20	94	210	32.832	ug/l #	8
16) Acetone	3.26	43	8447	805.434	ug/l	97
17) Carbon Disulfide	3.43	76	5328	35.712	ug/l #	74
20) Methylene Chloride	3.88	84	1510	29.682	ug/l #	72
25) 2-Butanone	6.15	43	1406	118.147	ug/l #	55
37) Ethyl Acetate	6.15	43	1406	31.346	ug/l #	66
76) 1,2,3-Trichloropropane	13.58	75	791	17.696	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.58	75	791	60.022	ug/l #	17
95) Naphthalene	16.15	128	258	4.301	ug/l #	70

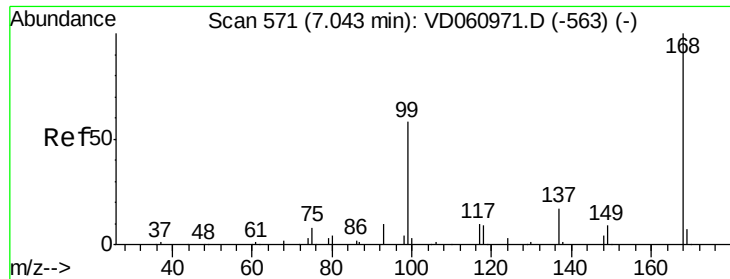
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032219\
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SB-24(12-13)RE

Quant Time: Mar 22 23:28:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

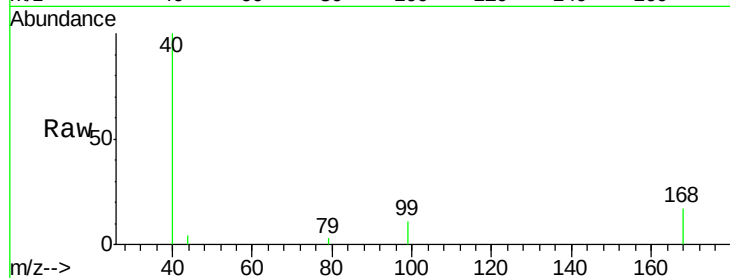




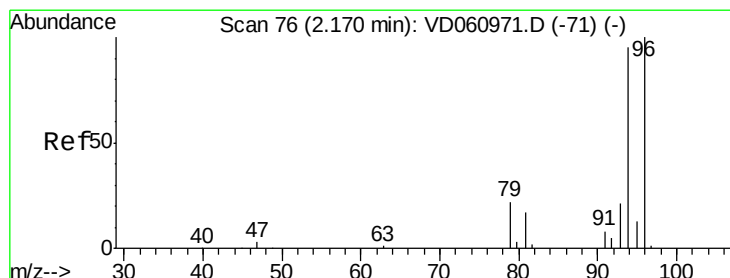
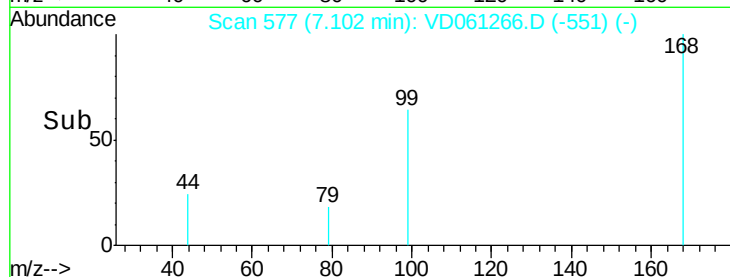
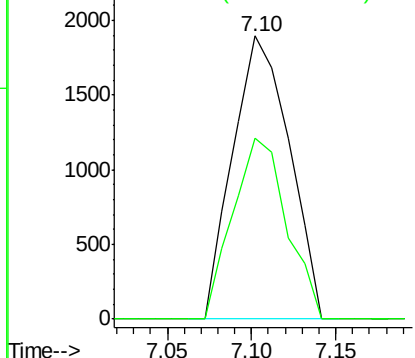
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.10 min Scan# 577
Delta R.T. 0.06 min
Lab File: VD061266.D
Acq: 22 Mar 2019 17:41

Instrument :
MSVOA_D
ClientSampleId :
SB-24(12-13)RE

Tot Ion:168 Resp: 4406
Ion Ratio Lower Upper
168 100
99 63.8 47.3 70.9

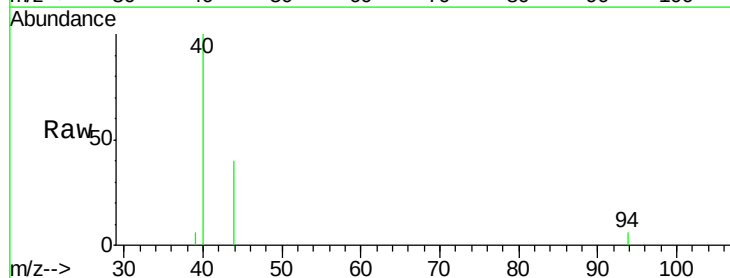


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

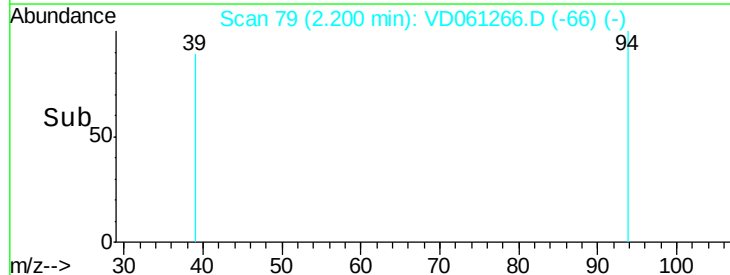
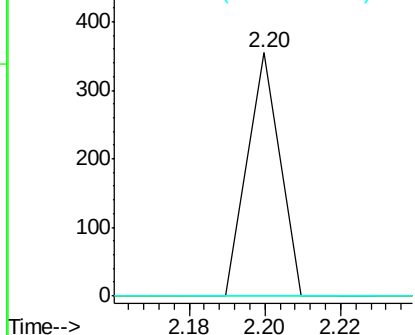


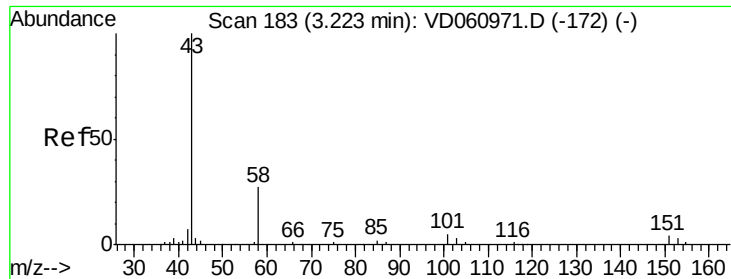
#5
Bromomethane
Concen: 32.832 ug/l
RT: 2.20 min Scan# 79
Delta R.T. 0.03 min
Lab File: VD061266.D
Acq: 22 Mar 2019 17:41

Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 0.0 84.0 126.0#
93 0.0 17.3 25.9#



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 805.434 ug/l

RT: 3.26 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

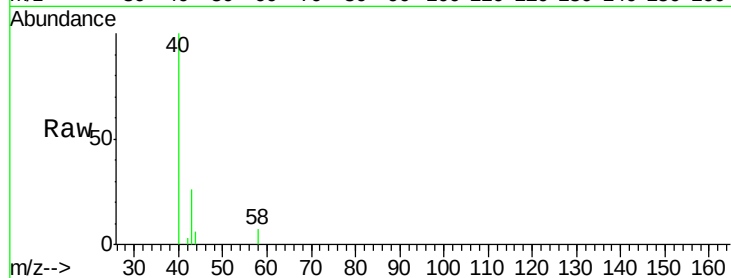
SB-24(12-13)RE

Tot Ion: 43 Resp: 8447

Ion Ratio Lower Upper

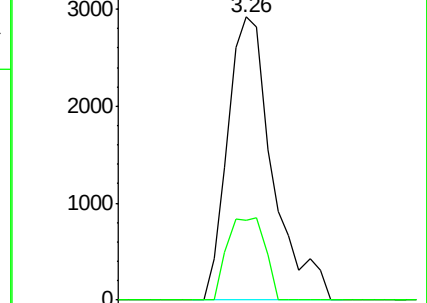
43 100

58 28.4 21.6 32.4

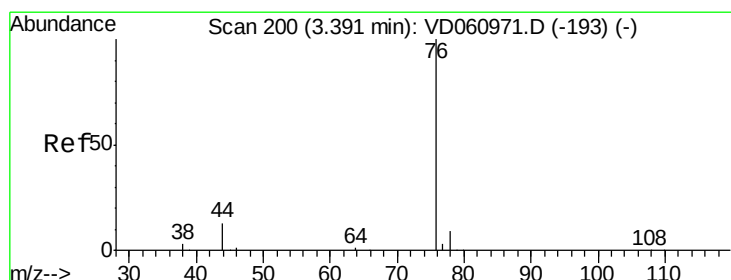
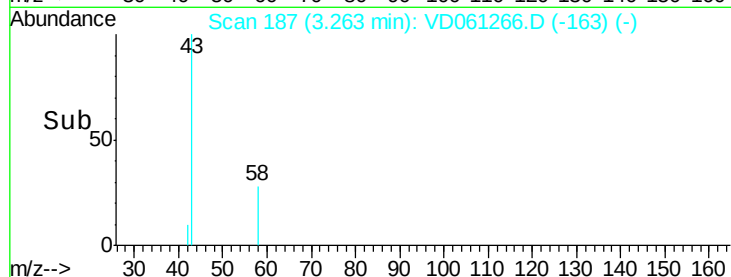


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->



#17

Carbon Disulfide

Concen: 35.712 ug/l

RT: 3.43 min Scan# 204

Delta R.T. 0.04 min

Lab File: VD061266.D

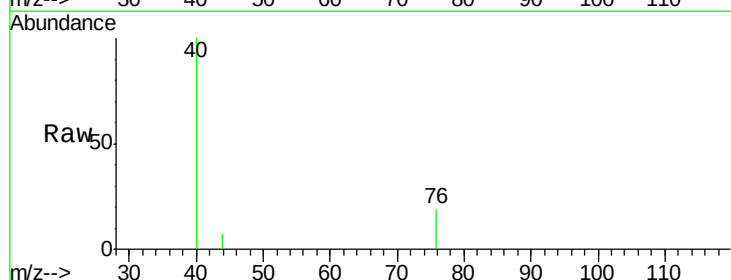
Acq: 22 Mar 2019 17:41

Tgt Ion: 76 Resp: 5328

Ion Ratio Lower Upper

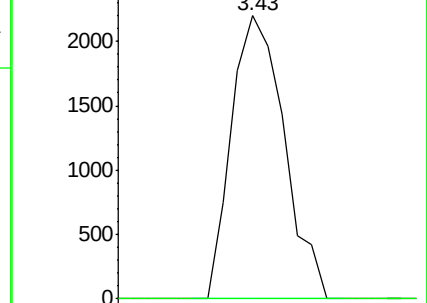
76 100

78 0.0 7.4 11.2#

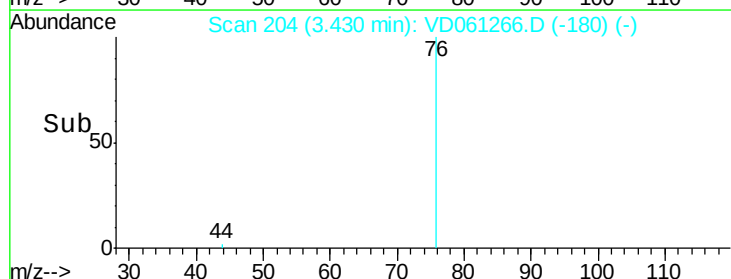


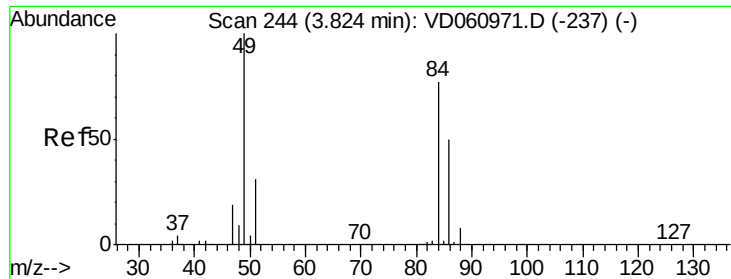
Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



Time-->

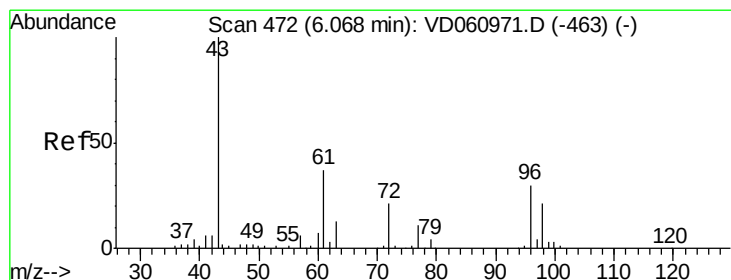
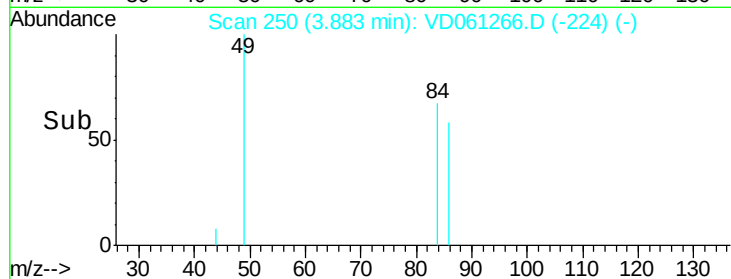
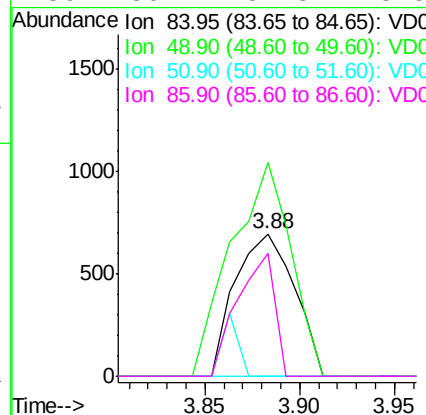
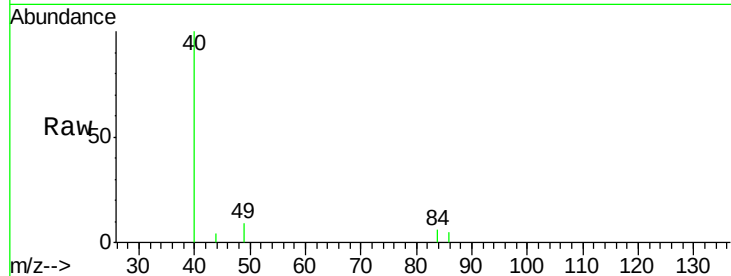




#20
Methylene Chloride
Concen: 29.682 ug/l
RT: 3.88 min Scan# 250
Delta R.T. 0.06 min
Lab File: VD061266.D
Acq: 22 Mar 2019 17:41

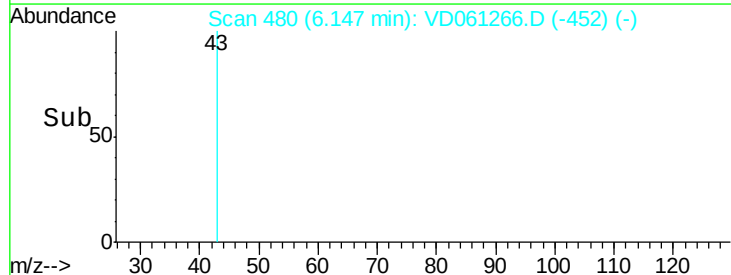
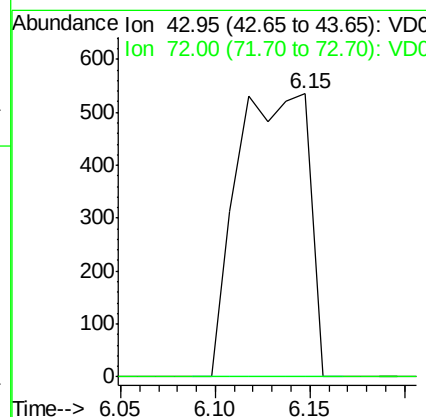
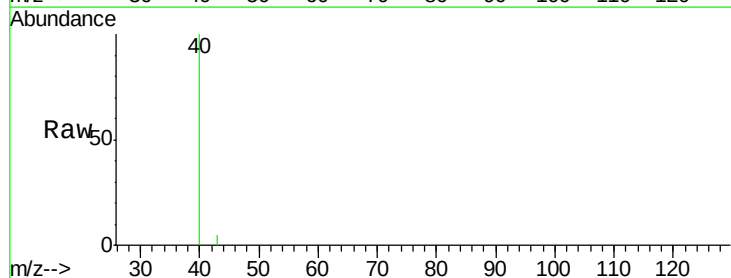
Instrument :
MSVOA_D
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SB-24(12-13)RE

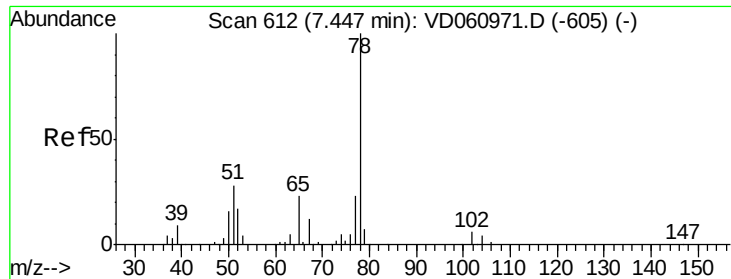
Tot Ion: 84 Resp: 1510
Ion Ratio Lower Upper
84 100
49 150.0 104.2 156.2
51 0.0 32.3 48.5#
86 86.4 52.3 78.5#



#25
2-Butanone
Concen: 118.147 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.08 min
Lab File: VD061266.D
Acq: 22 Mar 2019 17:41

Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
72 0.0 16.7 25.1#

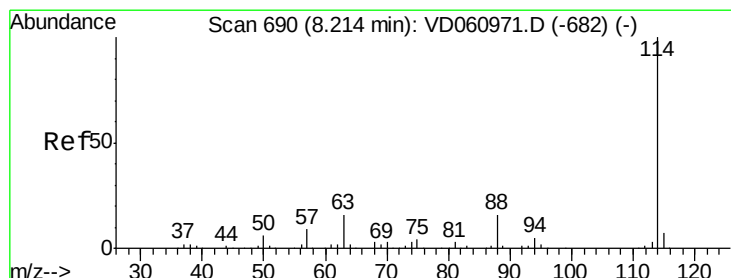
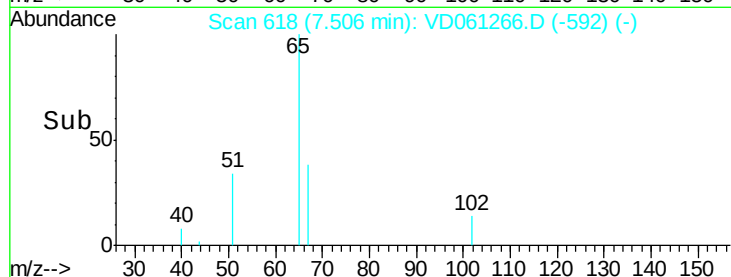
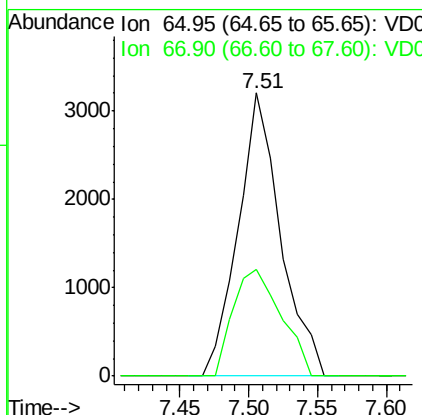
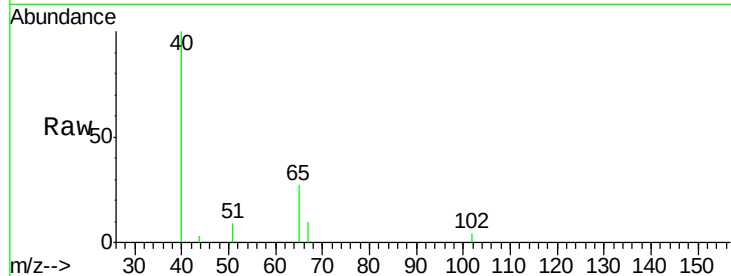




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.51 min Scan# 618
 Delta R.T. 0.06 min
 Lab File: VD061266.D
 Acq: 22 Mar 2019 17:41

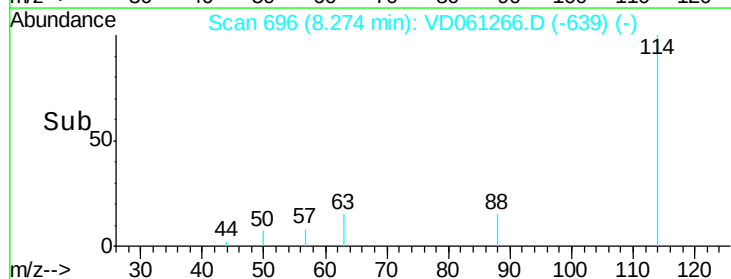
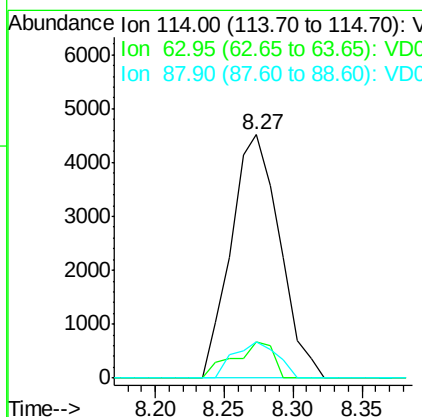
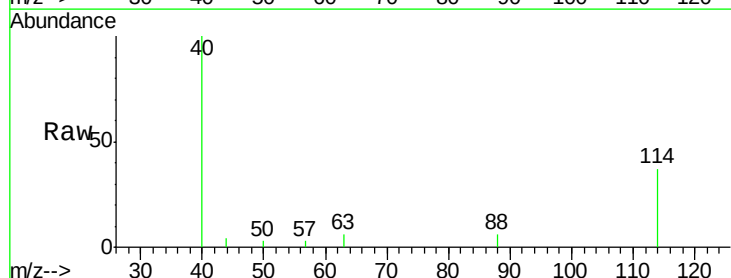
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24(12-13)RE

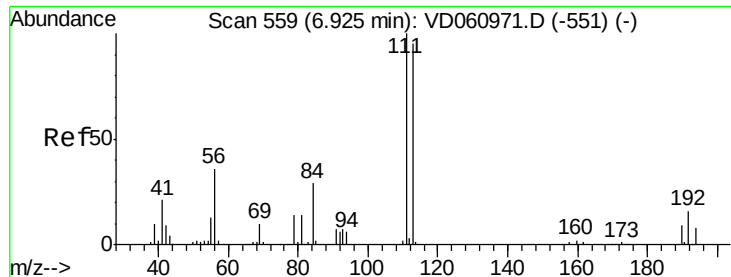
Tot Ion: 65 Resp: 6873
 Ion Ratio Lower Upper
 65 100
 67 37.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.27 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061266.D
 Acq: 22 Mar 2019 17:41

Tgt Ion: 114 Resp: 11089
 Ion Ratio Lower Upper
 114 100
 63 14.9 0.0 31.4
 88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.98 min Scan# 565

Delta R.T. 0.06 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

SB-24(12-13)RE

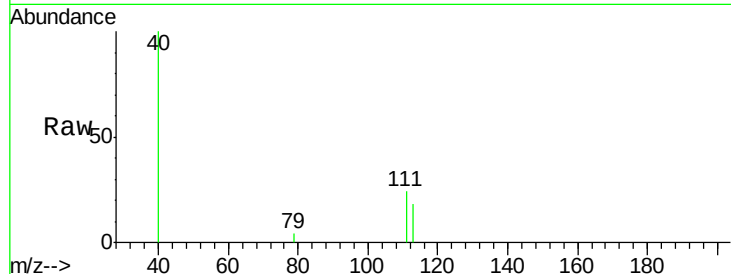
Tot Ion:113 Resp: 5779

Ion Ratio Lower Upper

113 100

111 130.2 84.2 126.4#

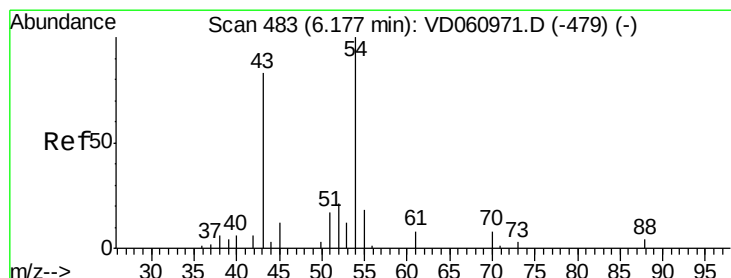
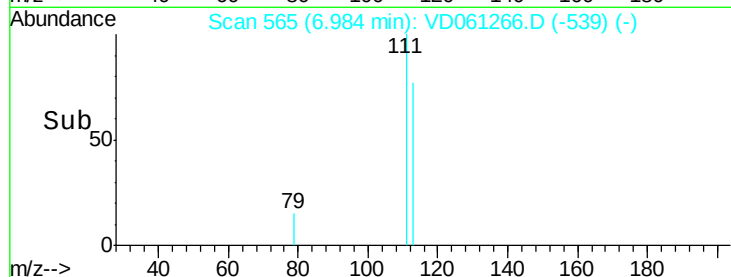
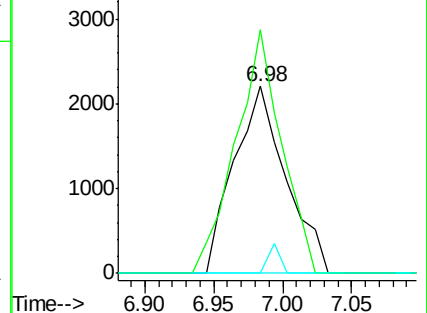
192 0.0 13.1 19.7#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#37

Ethyl Acetate

Concen: 31.346 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.03 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

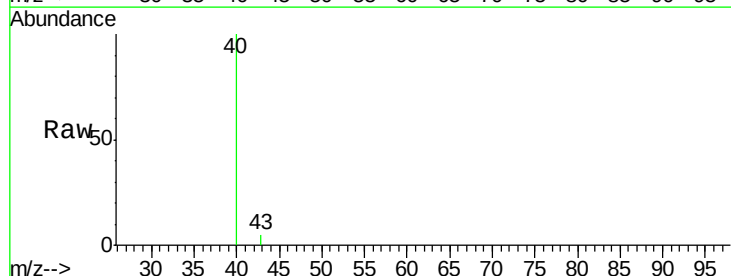
Tgt Ion: 43 Resp: 1406

Ion Ratio Lower Upper

43 100

61 0.0 13.7 20.5#

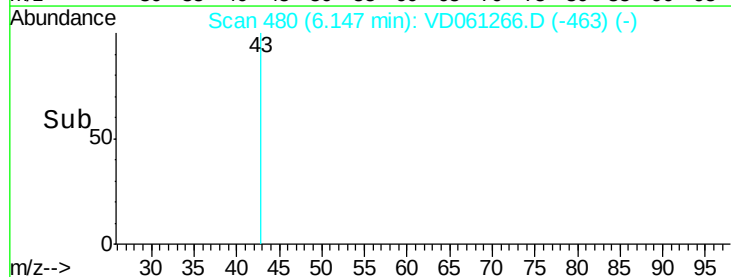
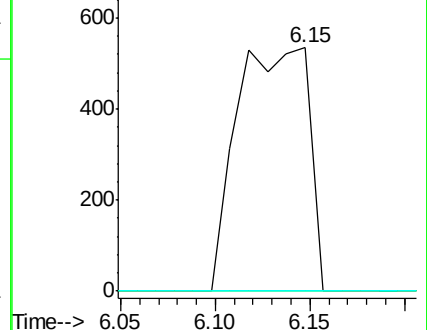
70 0.0 7.1 10.7#

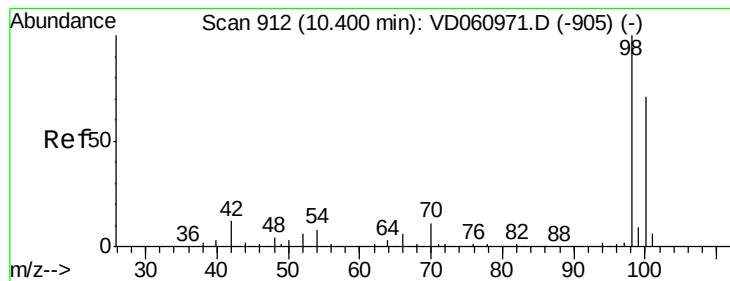


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 70.00 (69.70 to 70.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.46 min Scan# 918

Delta R.T. 0.06 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

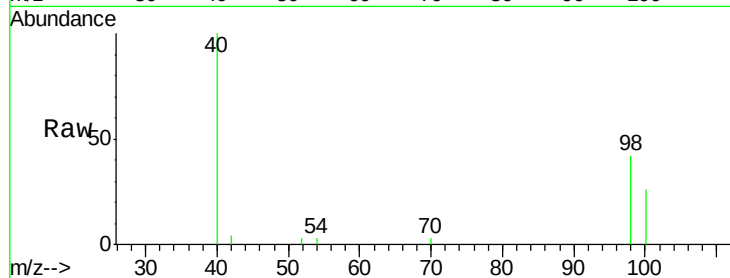
SB-24(12-13)RE

Tot Ion: 98 Resp: 9946

Ion Ratio Lower Upper

98 100

100 62.2 57.4 86.2

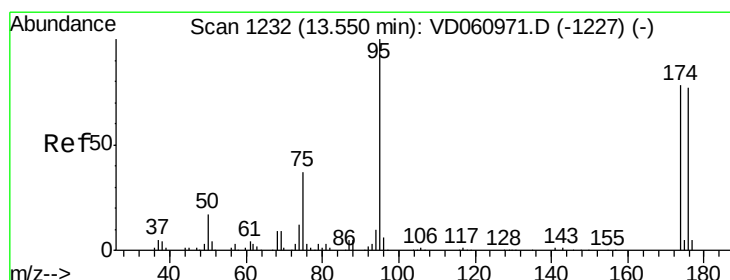
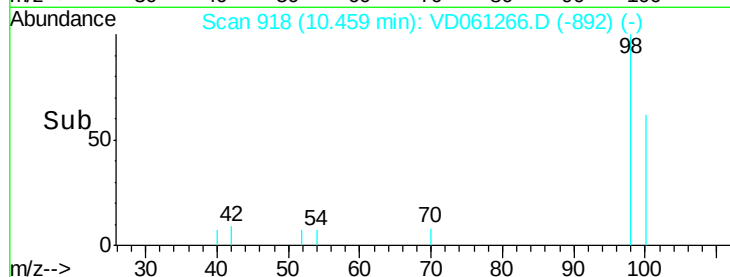


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.46

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

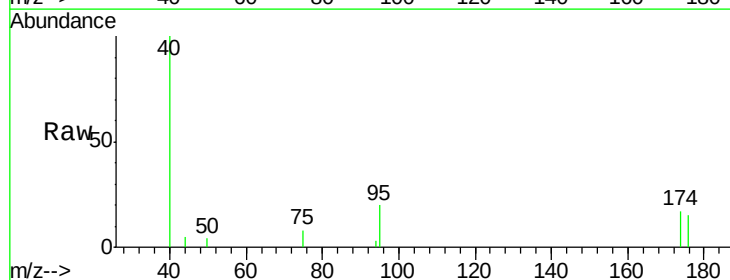
Tgt Ion: 95 Resp: 3224

Ion Ratio Lower Upper

95 100

174 85.4 0.0 155.6

176 76.7 0.0 153.8



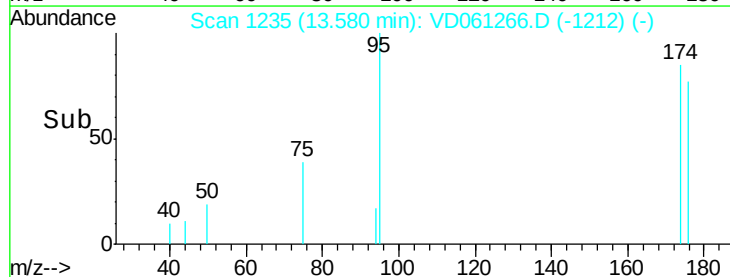
Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

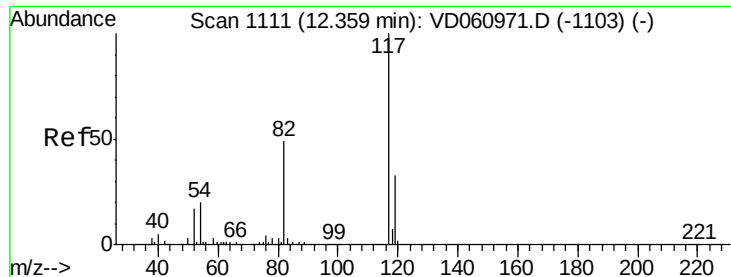
Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.58

Time-->

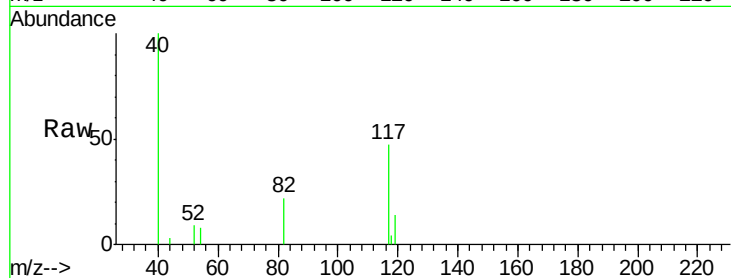




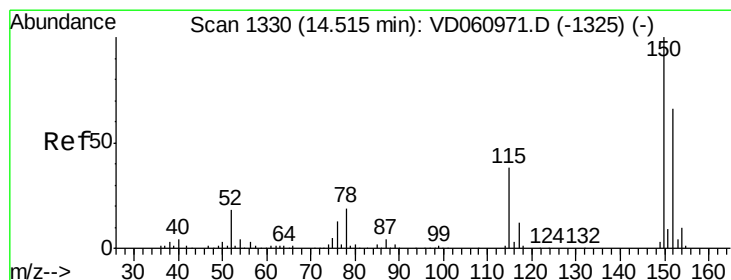
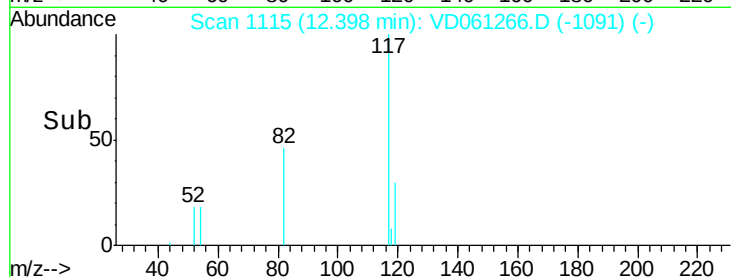
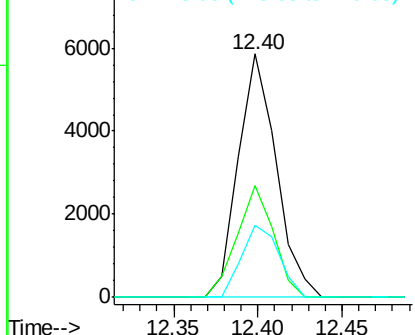
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061266.D
Acq: 22 Mar 2019 17:41

Instrument :
MSVOA_D
ClientSampleId :
SB-24(12-13)RE

Tot Ion:117 Resp: 9172
Ion Ratio Lower Upper
117 100
82 46.1 38.9 58.3
119 29.5 26.6 39.8

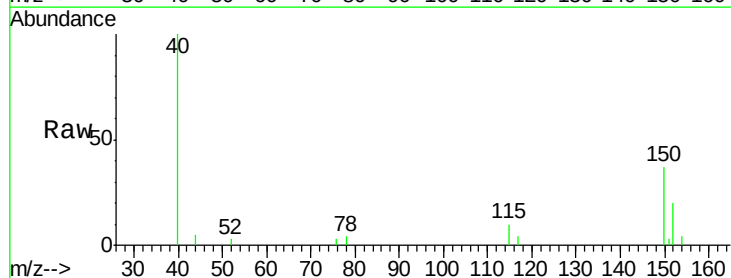


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

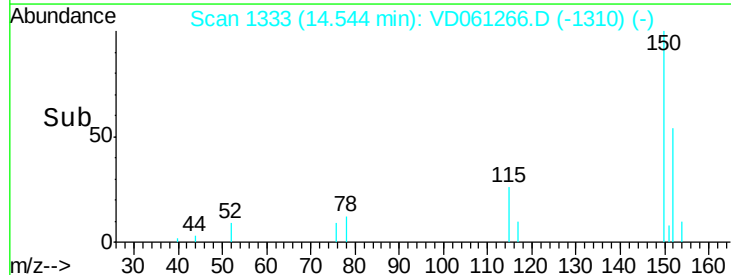
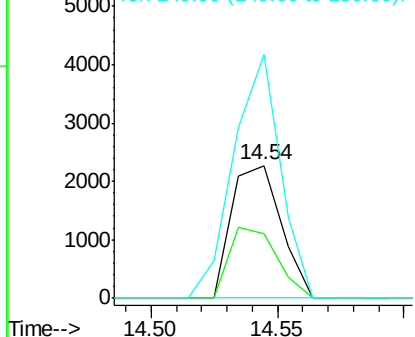


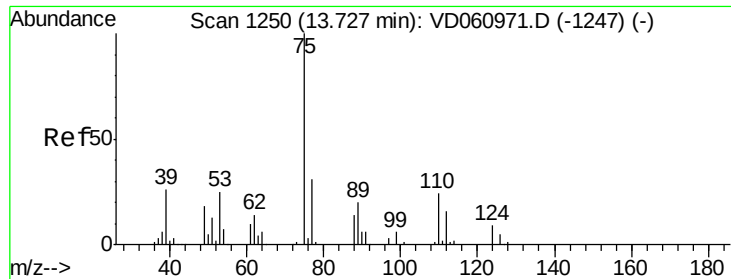
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061266.D
Acq: 22 Mar 2019 17:41

Tgt Ion:152 Resp: 3107
Ion Ratio Lower Upper
152 100
115 48.3 28.6 85.9
150 183.7 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 17.696 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. -0.15 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

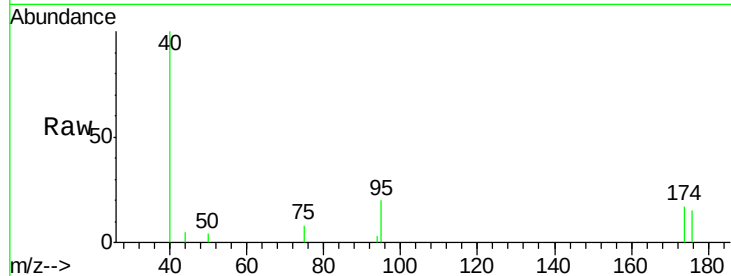
SB-24(12-13)RE

Tot Ion: 75 Resp: 791

Ion Ratio Lower Upper

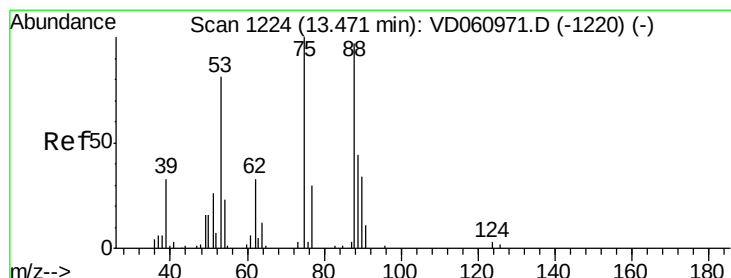
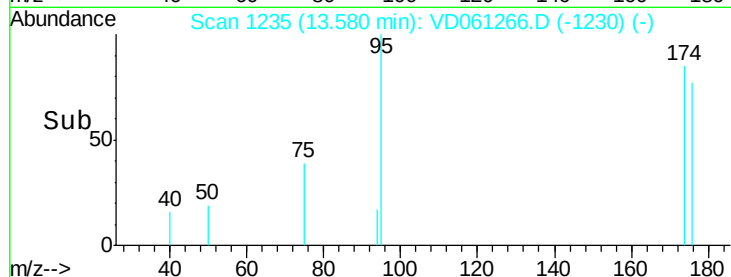
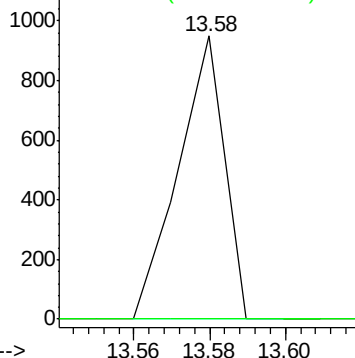
75 100

77 0.0 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 60.022 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.11 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

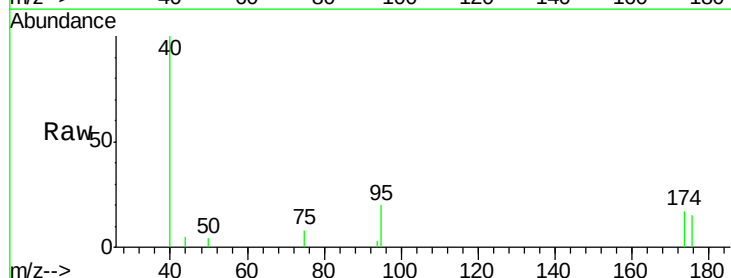
Tgt Ion: 75 Resp: 791

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

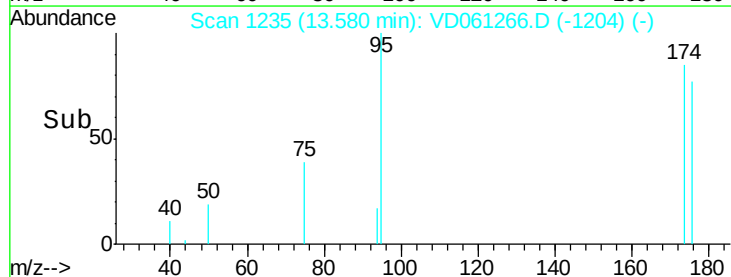
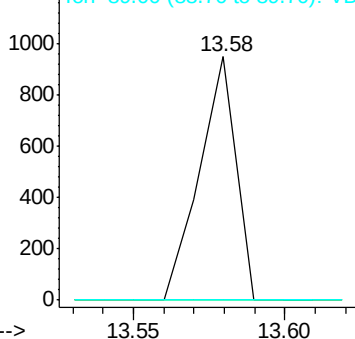
89 0.0 34.8 52.2#

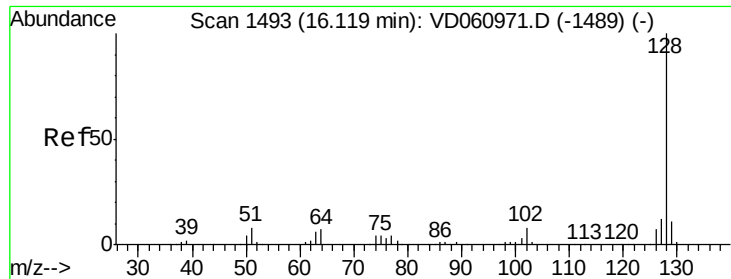


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 4.301 ug/l

RT: 16.15 min Scan# 1496

Delta R.T. 0.03 min

Lab File: VD061266.D

Acq: 22 Mar 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

SB-24(12-13)RE

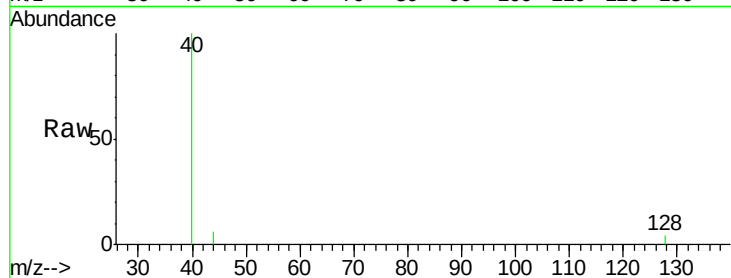
Tot Ion:128 Resp: 258

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.5 12.7#



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

