

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062286.D
 Acq On : 13 May 2019 5:08
 Operator : FY/SY
 Sample : K2718-19
 Misc : 5.18g/5mL/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-1218-01

Quant Time: May 13 08:36:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	95940	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	149552	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	67707	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	17809	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	160470	179.98	ug/l	0.04
Spiked Amount			Recovery	=	359.96%	
35) Dibromofluoromethane	6.95	113	148853	119.96	ug/l	0.05
Spiked Amount			Recovery	=	239.92%	
50) Toluene-d8	10.42	98	76537	25.58	ug/l	0.02
Spiked Amount			Recovery	=	51.16%	
62) 4-Bromofluorobenzene	13.56	95	20290	16.89	ug/l	0.01
Spiked Amount			Recovery	=	33.78%	

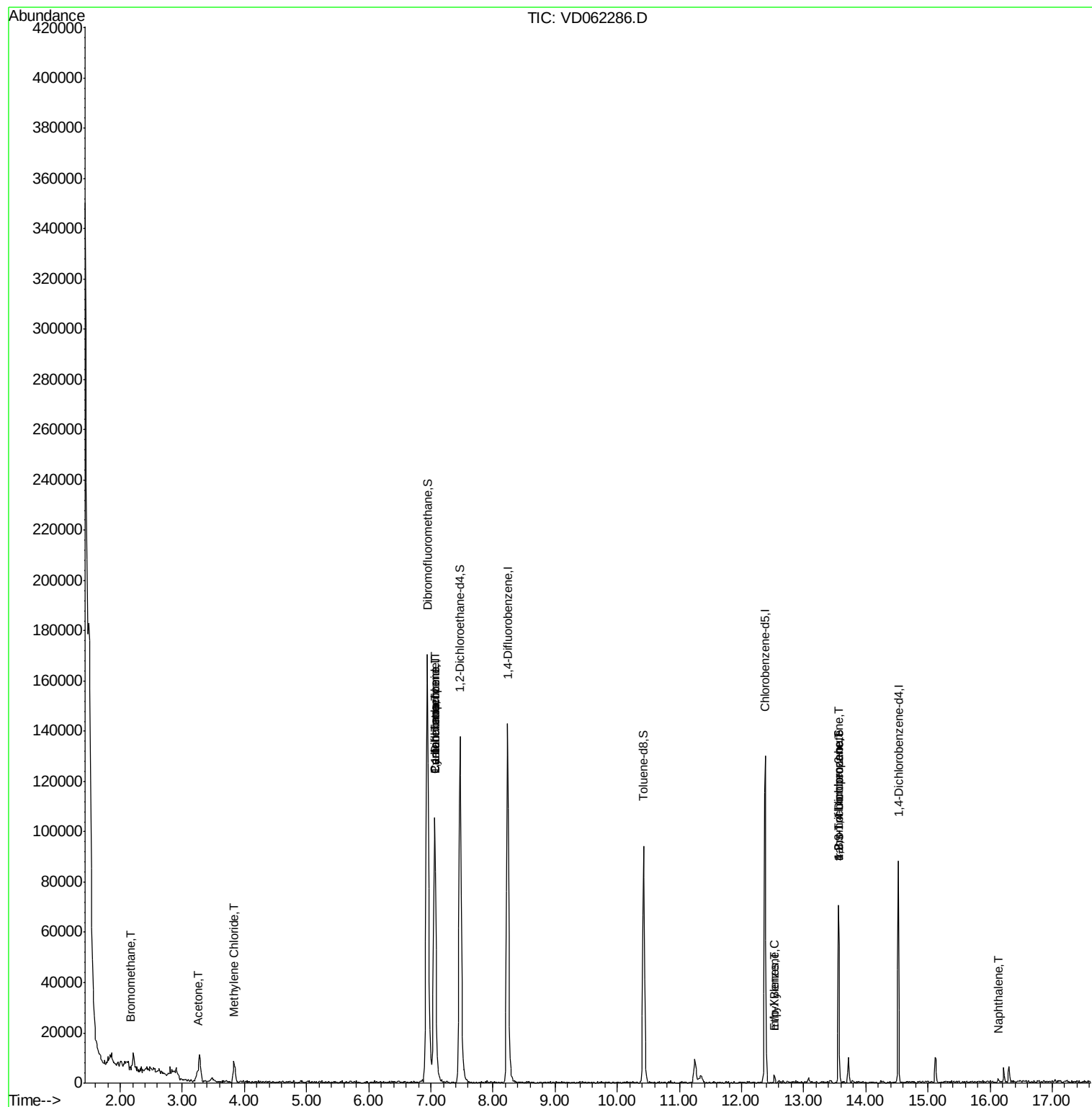
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1412	9.248	ug/l #	12
16) Acetone	3.25	43	7491	40.064	ug/l	91
20) Methylene Chloride	3.83	84	5063	6.485	ug/l	92
31) Cyclohexane	7.06	56	1697	1.814	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	7328	5.976	ug/l #	50
38) Carbon Tetrachloride	7.06	117	10811	6.370	ug/l #	12
67) Ethyl Benzene	12.53	91	2362	1.119	ug/l #	37
68) m/p-Xylenes	12.53	106	789	1.027	ug/l #	66
76) 1,2,3-Trichloropropane	13.56	75	9307	43.974	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	9569	160.154	ug/l #	16
95) Naphthalene	16.13	128	683	1.495	ug/l #	52

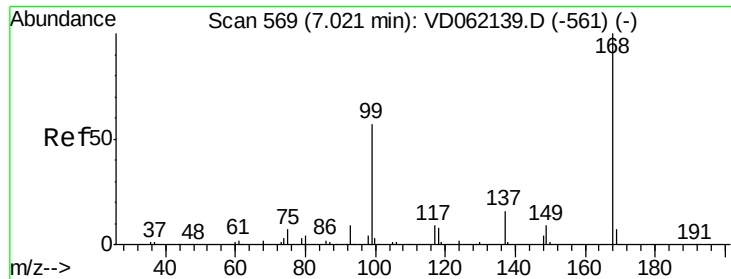
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

Instrument :

MSVOA_D

ClientSampleId :

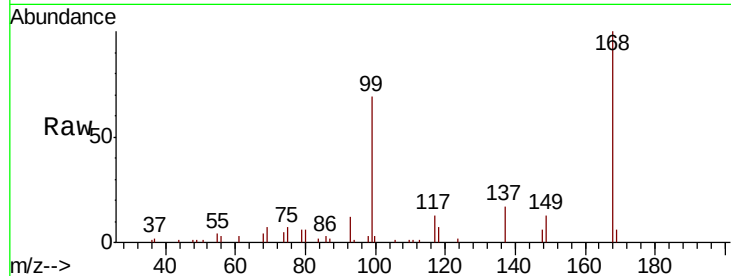
P026-SS007-1218-01

Tot Ion:168 Resp: 95940

Ion Ratio Lower Upper

168 100

99 68.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

30000

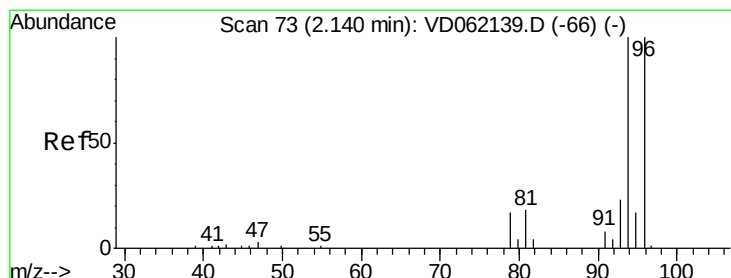
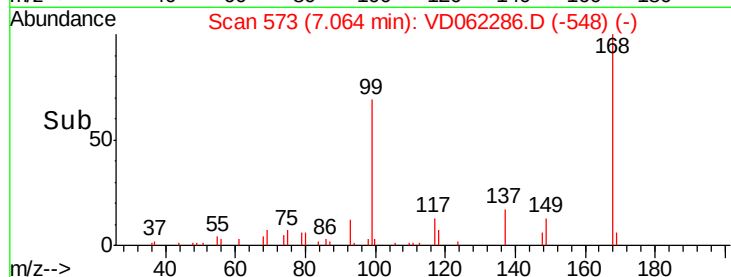
20000

10000

0

Time-->

7.00 7.10 7.20



#5

Bromomethane

Concen: 9.248 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

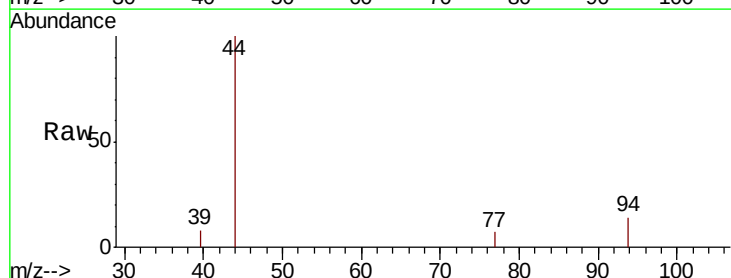
Tgt Ion: 94 Resp: 1412

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

800

600

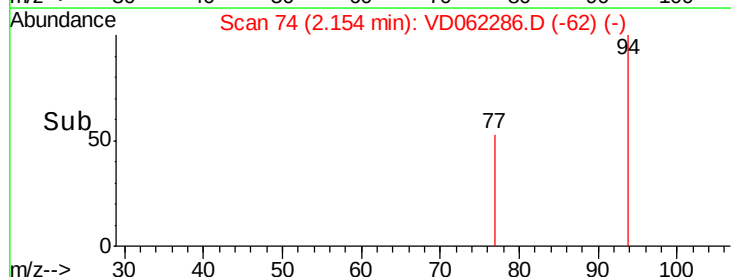
400

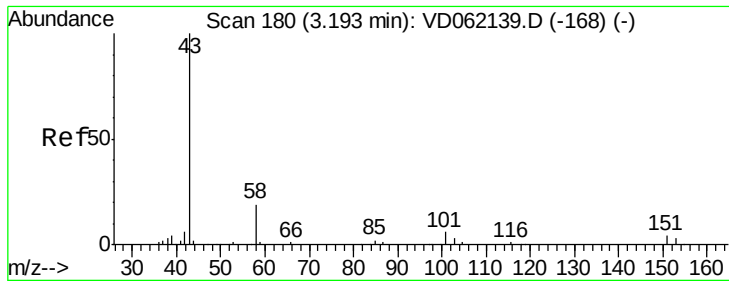
200

0

Time-->

2.10 2.15





#16

Acetone

Concen: 40.064 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

Instrument :

MSVOA_D

ClientSampleId :

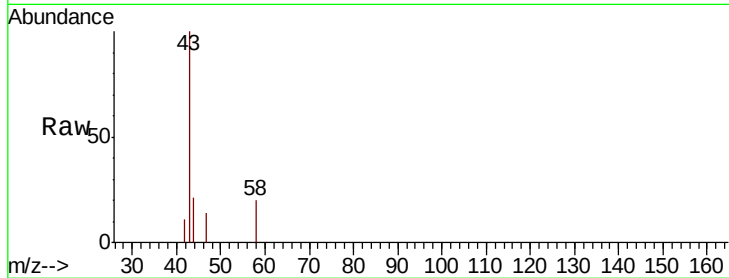
P026-SS007-1218-01

Tot Ion: 43 Resp: 7491

Ion Ratio Lower Upper

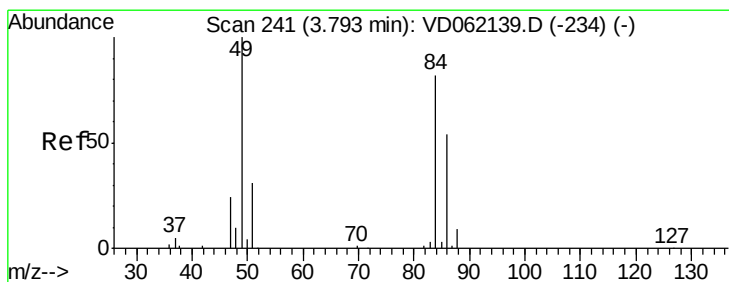
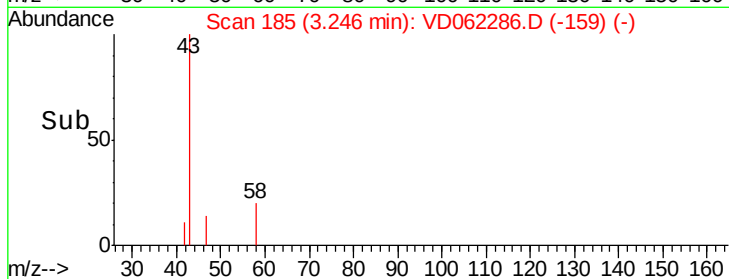
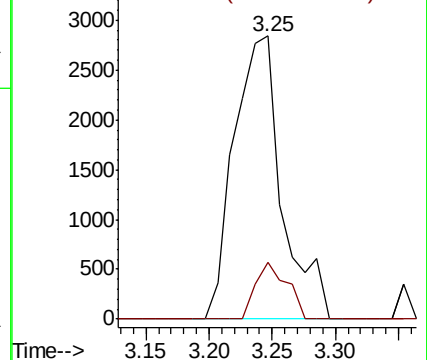
43 100

58 20.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 6.485 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

Tgt Ion: 84 Resp: 5063

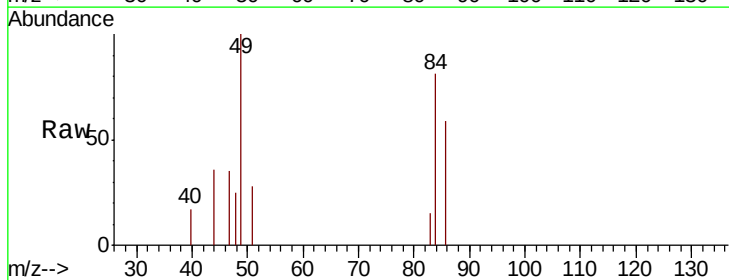
Ion Ratio Lower Upper

84 100

49 123.7 94.0 141.0

51 35.2 29.0 43.4

86 73.4 49.8 74.6

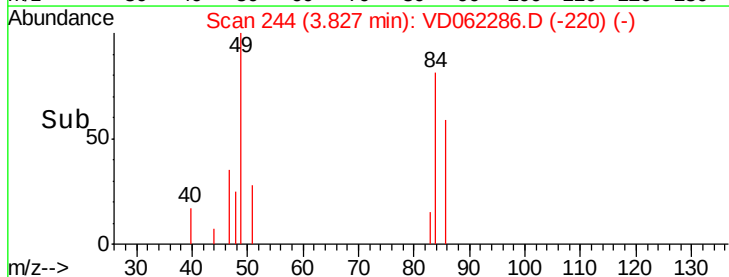
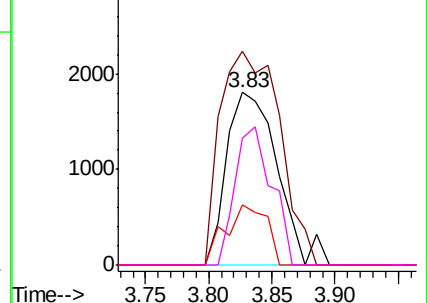


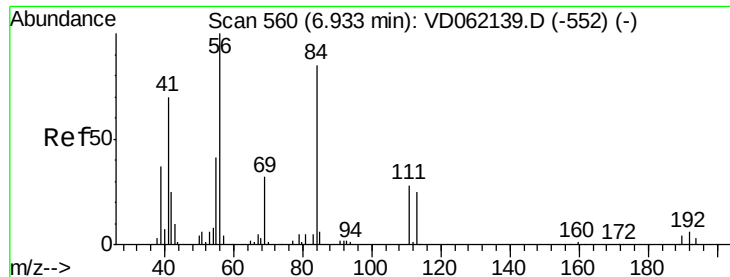
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

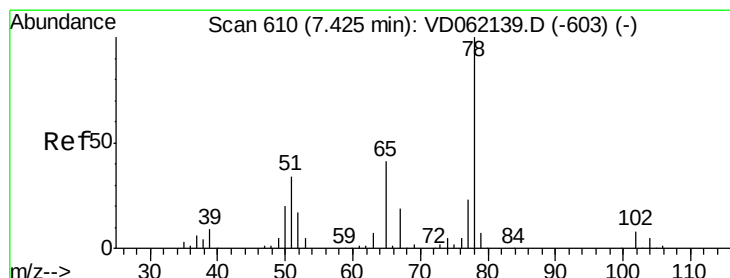
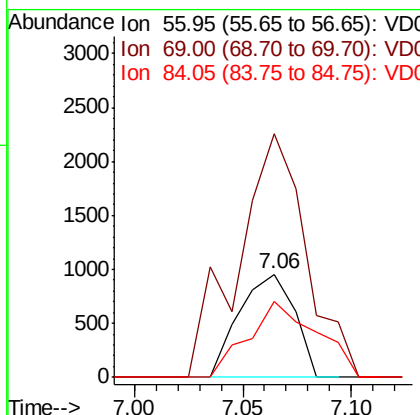
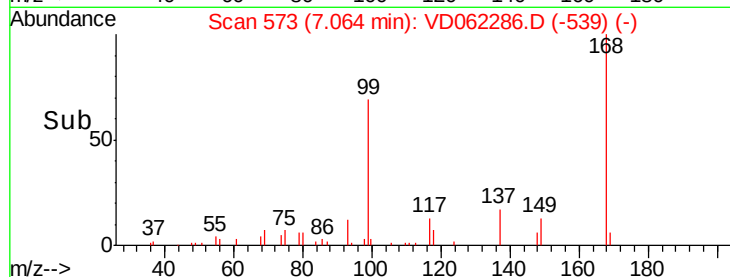
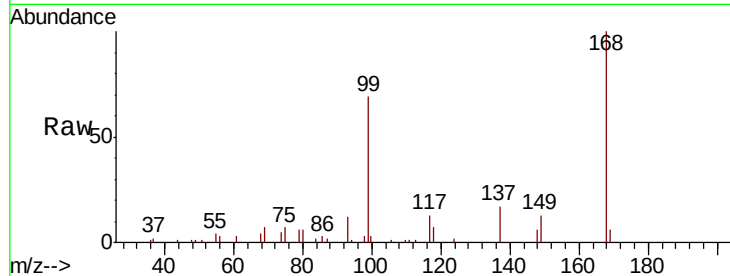




#31
Cyclohexane
Concen: 1.814 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

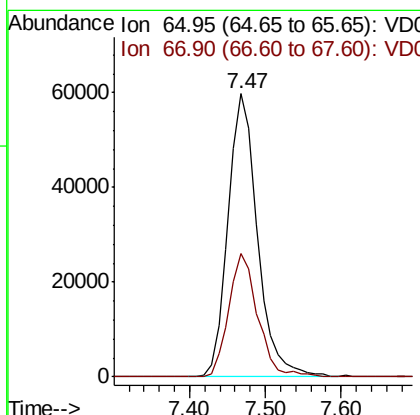
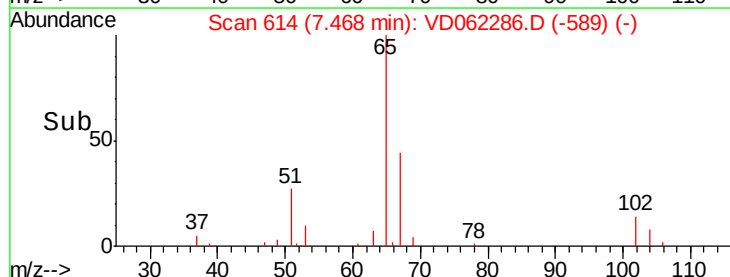
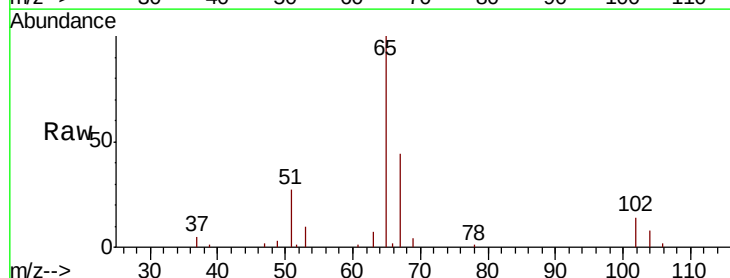
Instrument :
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P026-SS007-1218-01

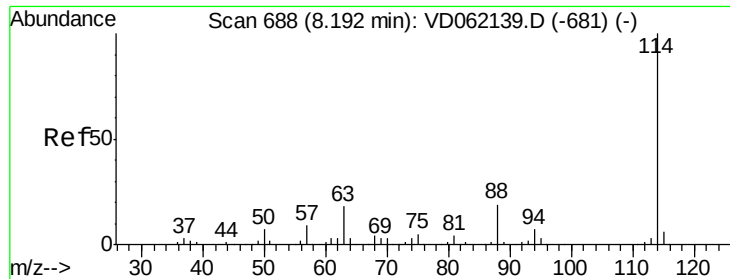
Tot Ion: 56 Resp: 1697
Ion Ratio Lower Upper
56 100
69 235.5 25.8 38.6#
84 73.3 72.2 108.4



#33
1,2-Dichloroethane-d4
Concen: 179.983 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Tgt Ion: 65 Resp: 160470
Ion Ratio Lower Upper
65 100
67 43.7 0.0 98.0

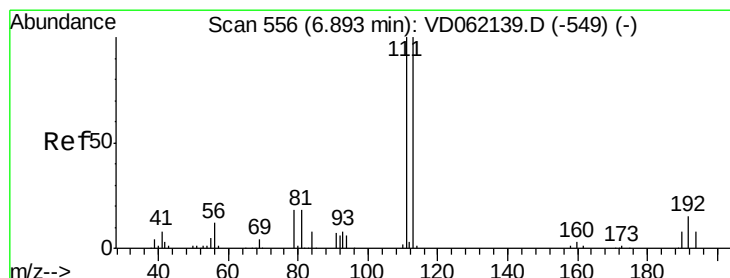
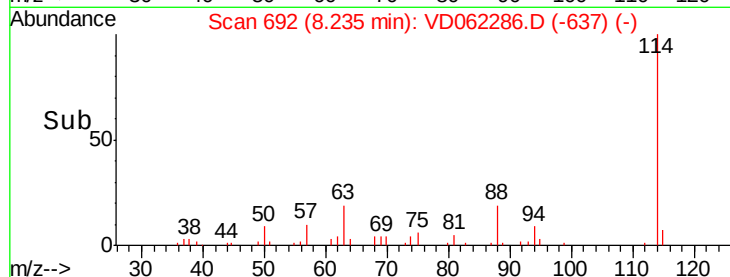
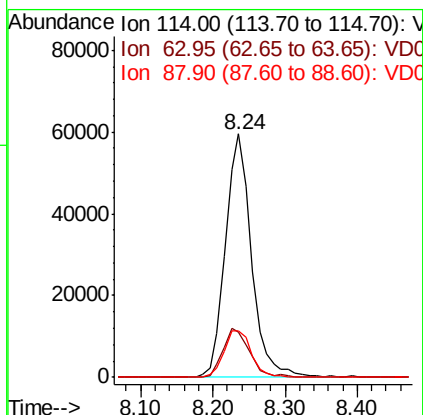
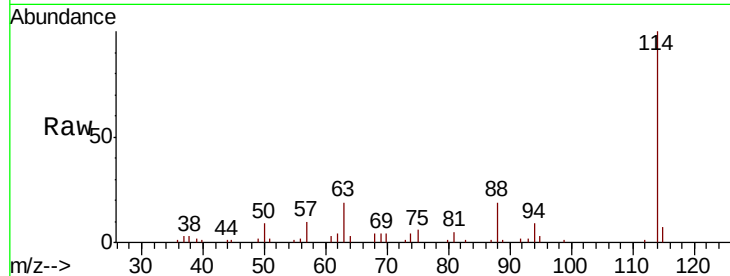




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062286.D
 Acq: 13 May 2019 5:08

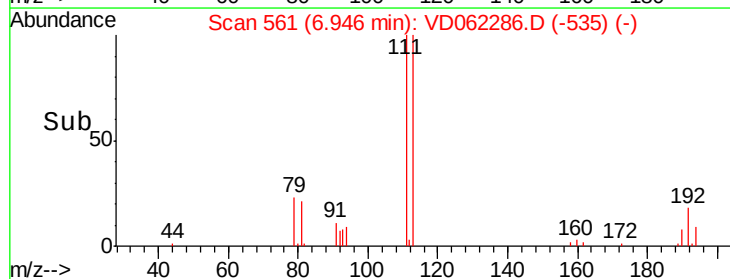
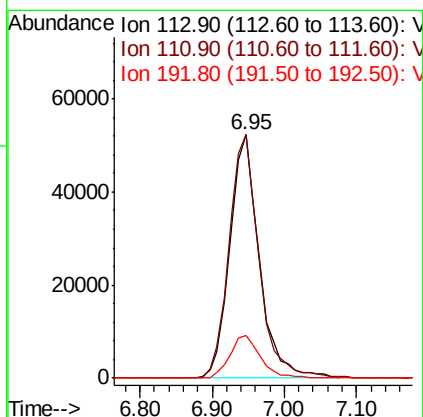
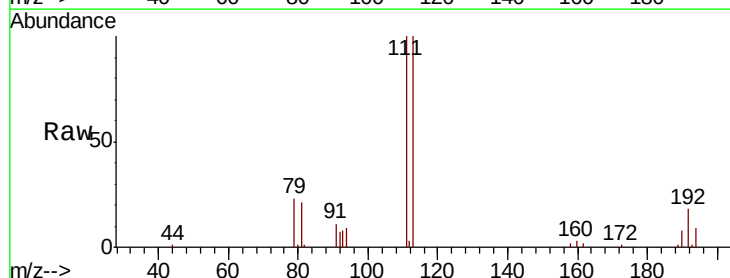
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-1218-01

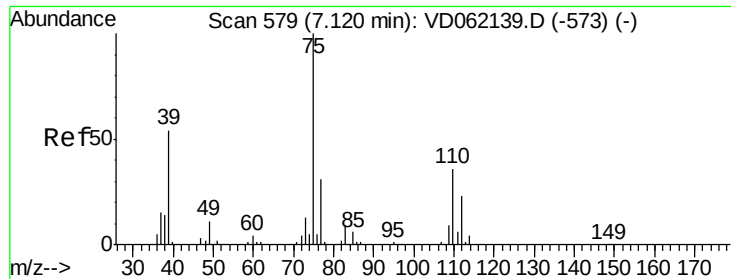
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	32.4
88	19.2	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 119.960 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062286.D
 Acq: 13 May 2019 5:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	78.5	117.7
192	17.7	13.0	19.4

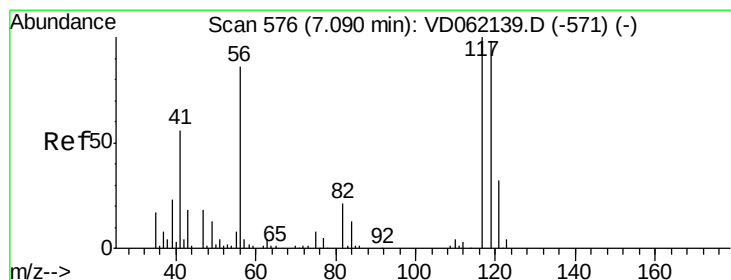
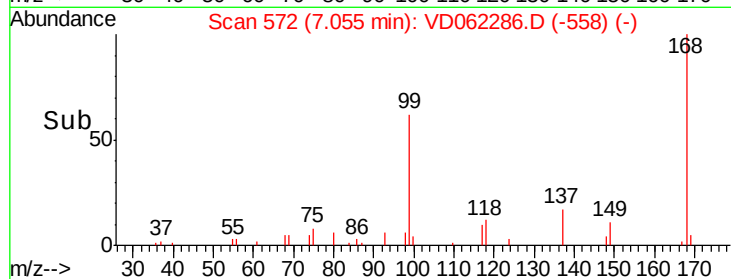
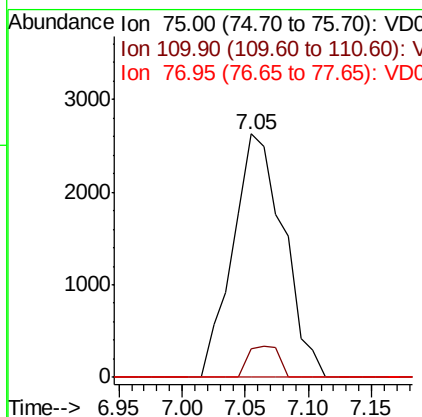
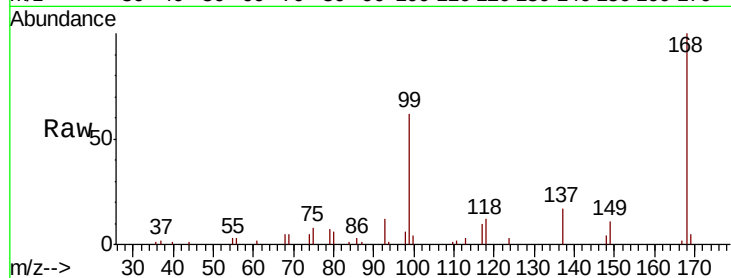




#36
 1,1-Dichloropropene
 Concen: 5.976 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.07 min
 Lab File: VD062286.D
 Acq: 13 May 2019 5:08

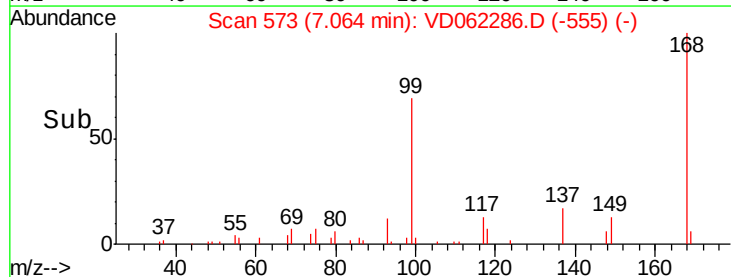
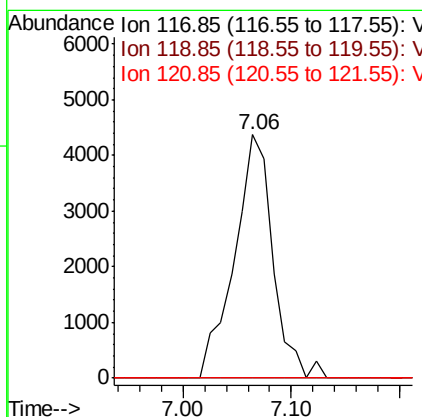
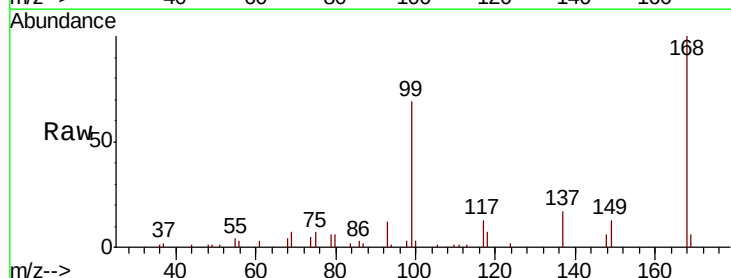
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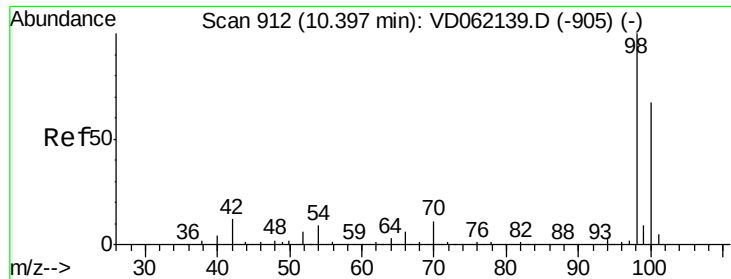
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.370 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: VD062286.D
 Acq: 13 May 2019 5:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.9	38.9#

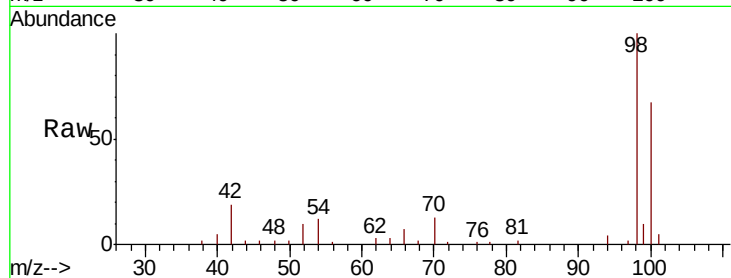




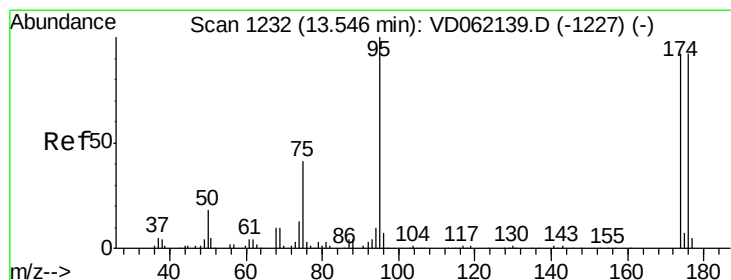
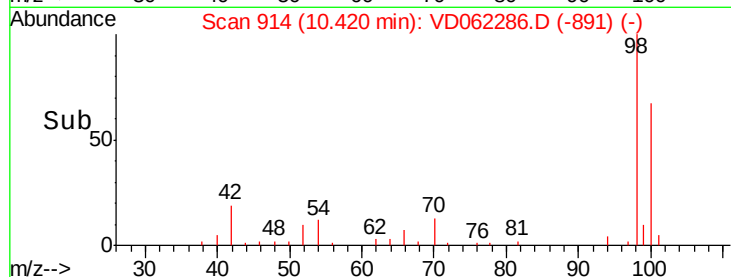
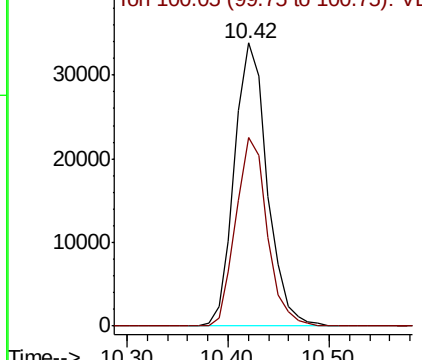
#50
Toluene-d8
Concen: 25.582 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-1218-01

Tot Ion: 98 Resp: 76537
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.8

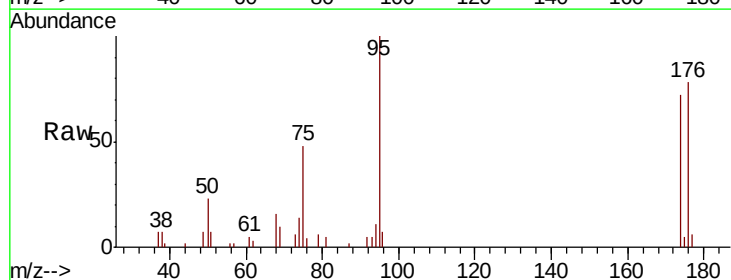


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

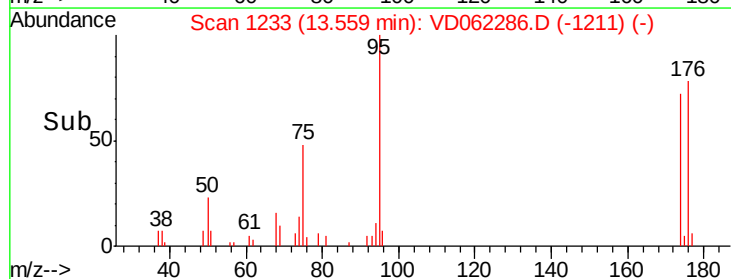
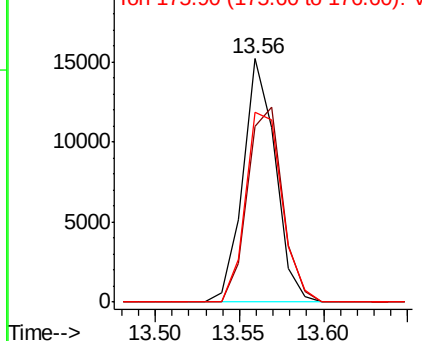


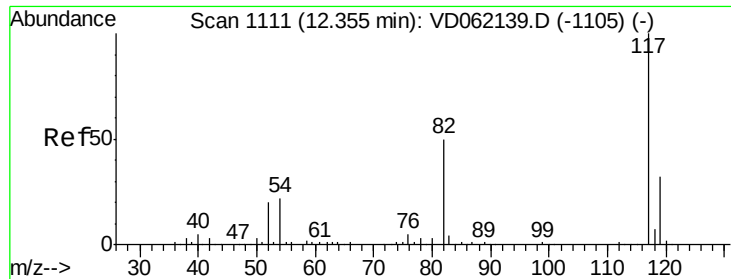
#62
4-Bromofluorobenzene
Concen: 16.889 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Tgt Ion: 95 Resp: 20290
Ion Ratio Lower Upper
95 100
174 72.2 0.0 181.8
176 77.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

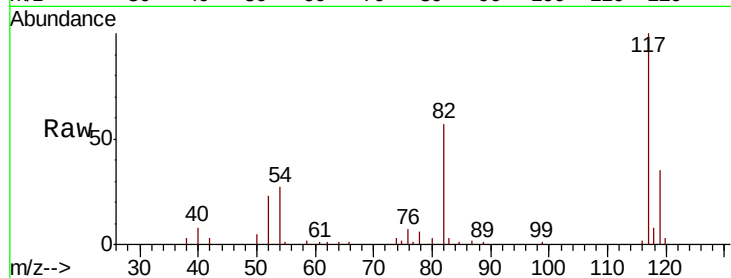




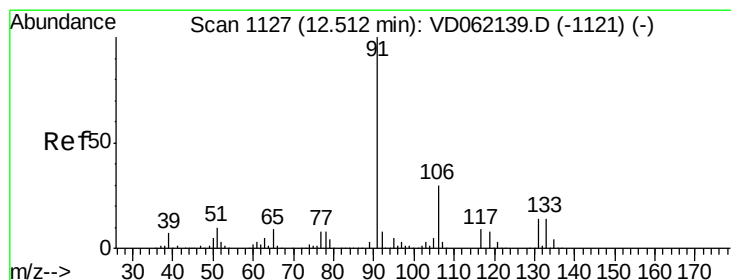
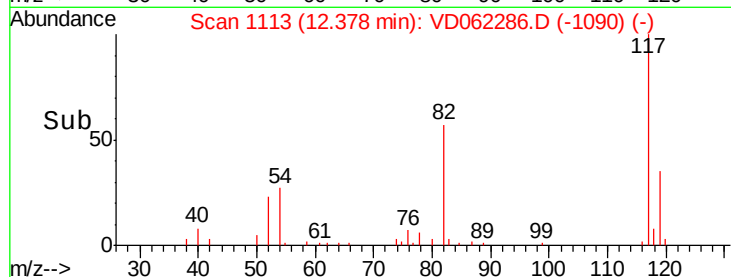
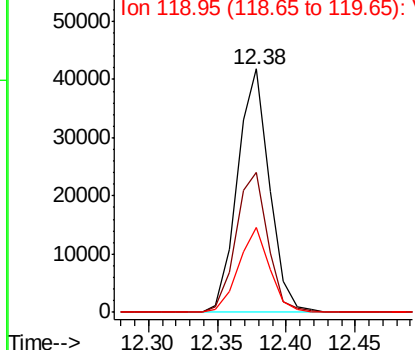
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-1218-01

Tot Ion:117 Resp: 67707
Ion Ratio Lower Upper
117 100
82 57.5 36.2 54.2#
119 34.8 26.2 39.4

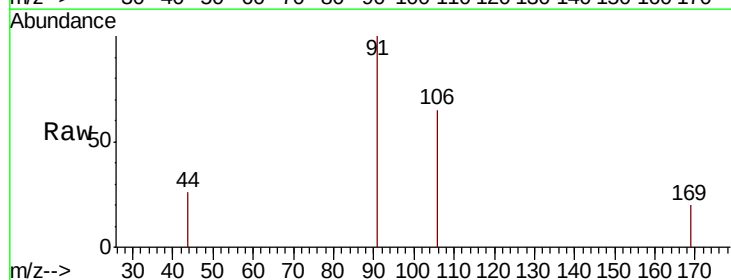


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

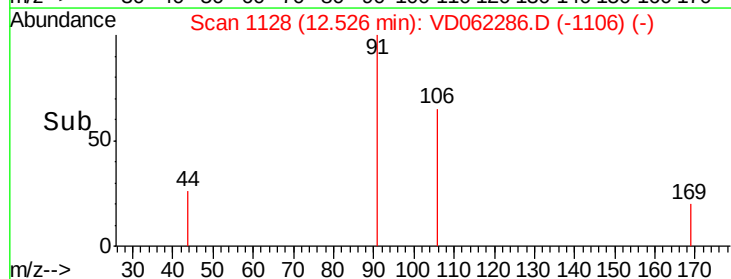
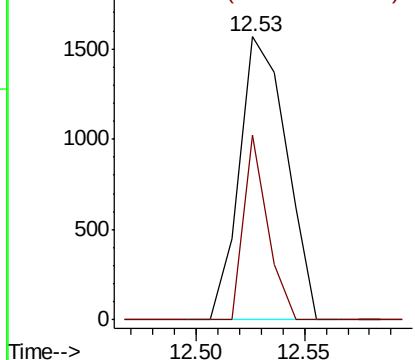


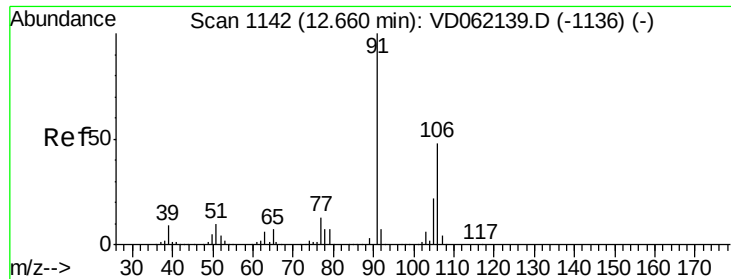
#67
Ethyl Benzene
Concen: 1.119 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Tgt Ion: 91 Resp: 2362
Ion Ratio Lower Upper
91 100
106 65.5 24.7 37.1#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.05 (105.75 to 106.75): V

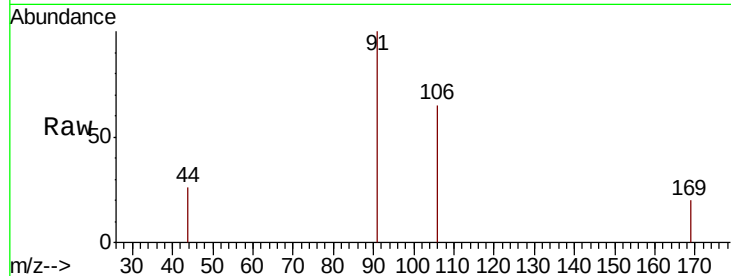




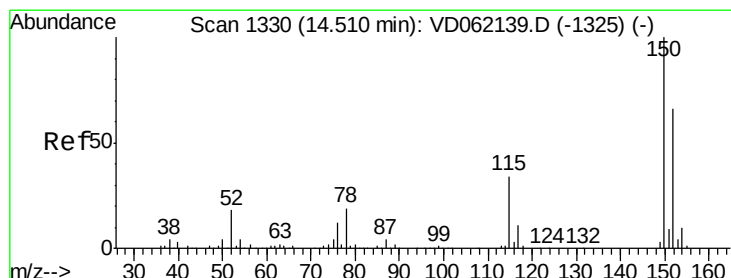
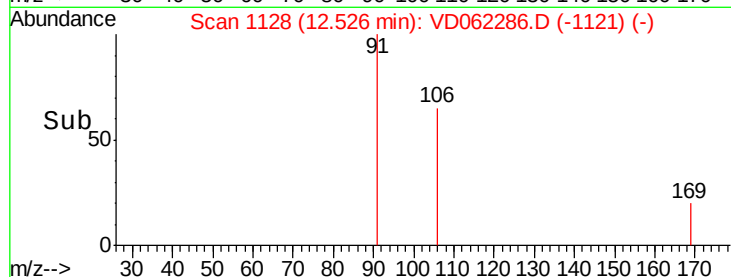
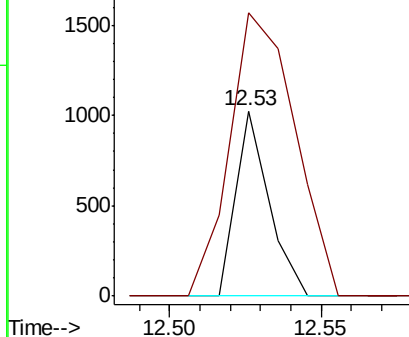
#68
m/p-Xylenes
Concen: 1.027 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.13 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-1218-01

Tot Ion:106 Resp: 789
Ion Ratio Lower Upper
106 100
91 152.7 164.0 246.0#

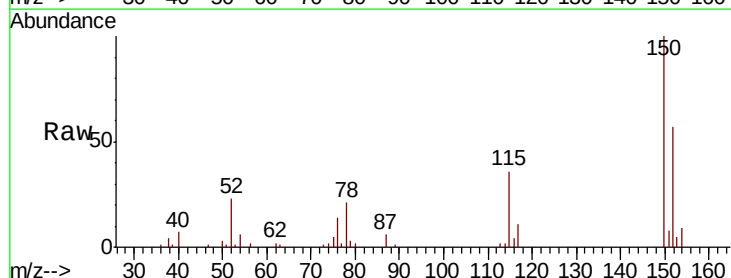


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

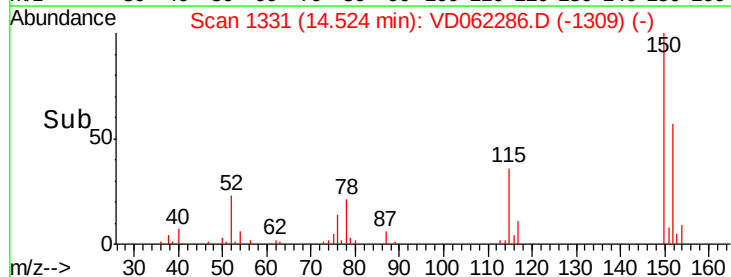
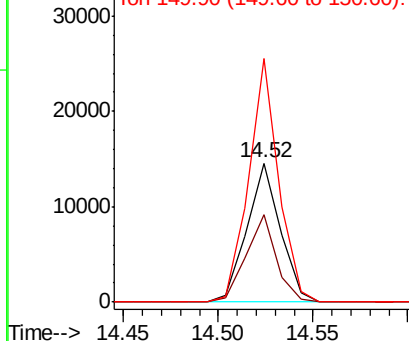


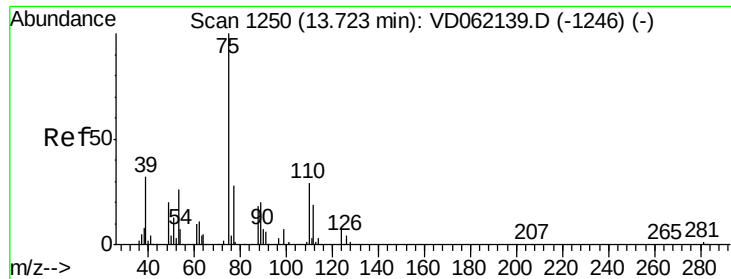
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062286.D
Acq: 13 May 2019 5:08

Tgt Ion:152 Resp: 17809
Ion Ratio Lower Upper
152 100
115 63.2 30.9 92.7
150 174.8 0.0 314.8



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: 43.974 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

Instrument :

MSVOA_D

ClientSampleId :

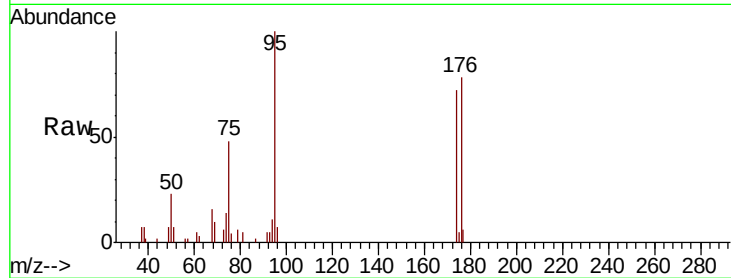
P026-SS007-1218-01

Tot Ion: 75 Resp: 9307

Ion Ratio Lower Upper

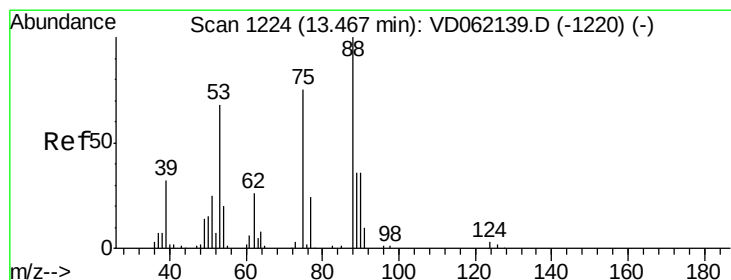
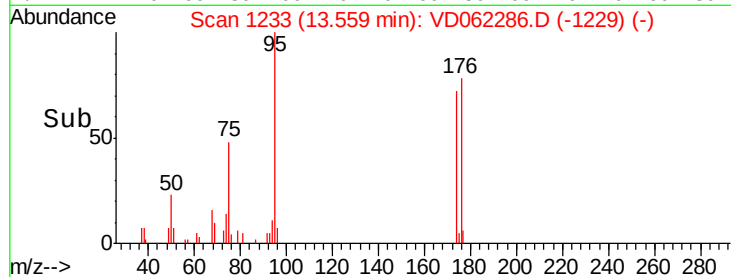
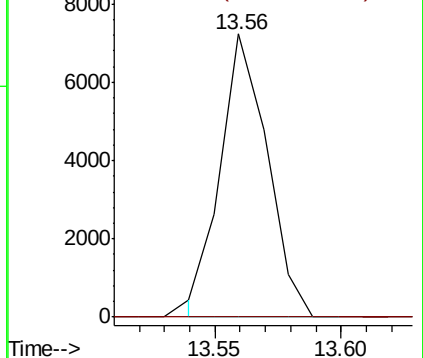
75 100

77 0.0 16.4 49.4#



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: 160.154 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

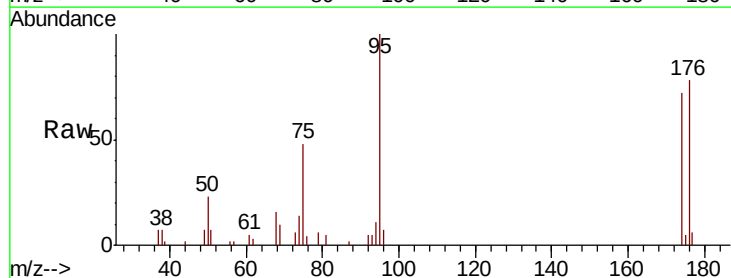
Tgt Ion: 75 Resp: 9569

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

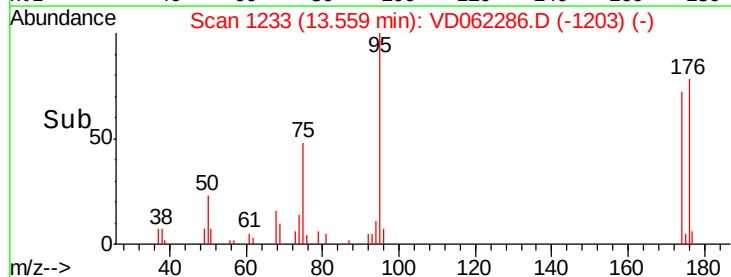
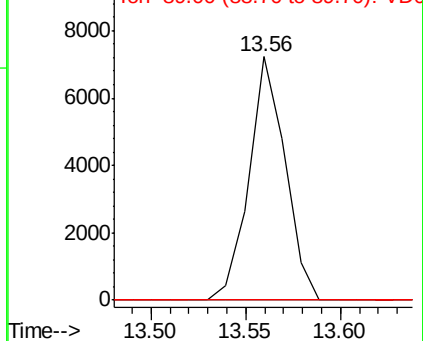
89 0.0 35.0 52.6#

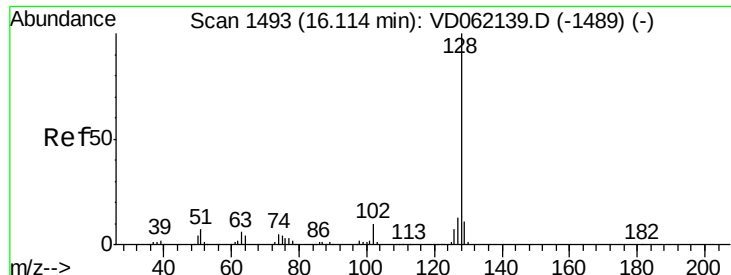


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 1.495 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD062286.D

Acq: 13 May 2019 5:08

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-1218-01

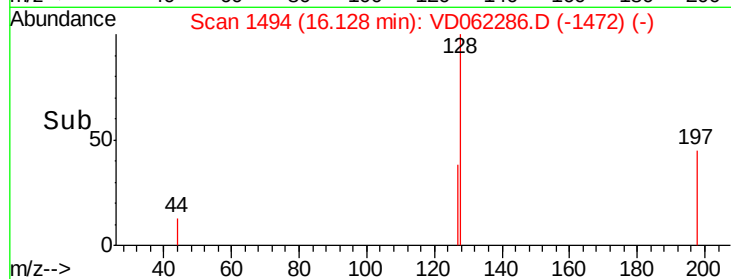
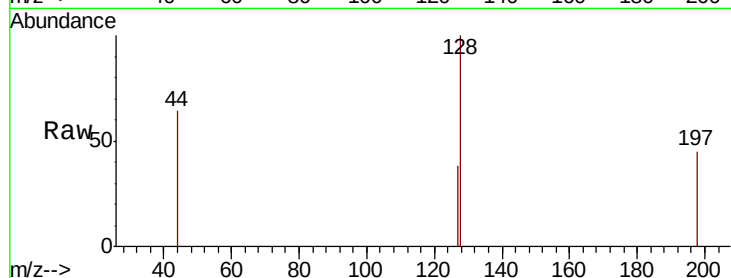
Tot Ion:128 Resp: 683

Ion Ratio Lower Upper

128 100

127 38.0 9.8 14.8#

129 0.0 8.8 13.2#



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

