

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062440.D
 Acq On : 17 May 2019 15:39
 Operator : FY/SY
 Sample : K2648-01
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:04:46 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	7.05	168	475020	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	647120	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	446102	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	134011	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	180438	40.87	ug/l	0.03
Spiked Amount			Recovery	=	81.74%	
35) Dibromofluoromethane	6.92	113	223112	41.55	ug/l	0.03
Spiked Amount			Recovery	=	83.10%	
50) Toluene-d8	10.42	98	363063	28.05	ug/l	0.02
Spiked Amount			Recovery	=	56.10%	
62) 4-Bromofluorobenzene	13.56	95	126491	24.33	ug/l	0.01
Spiked Amount			Recovery	=	48.66%	

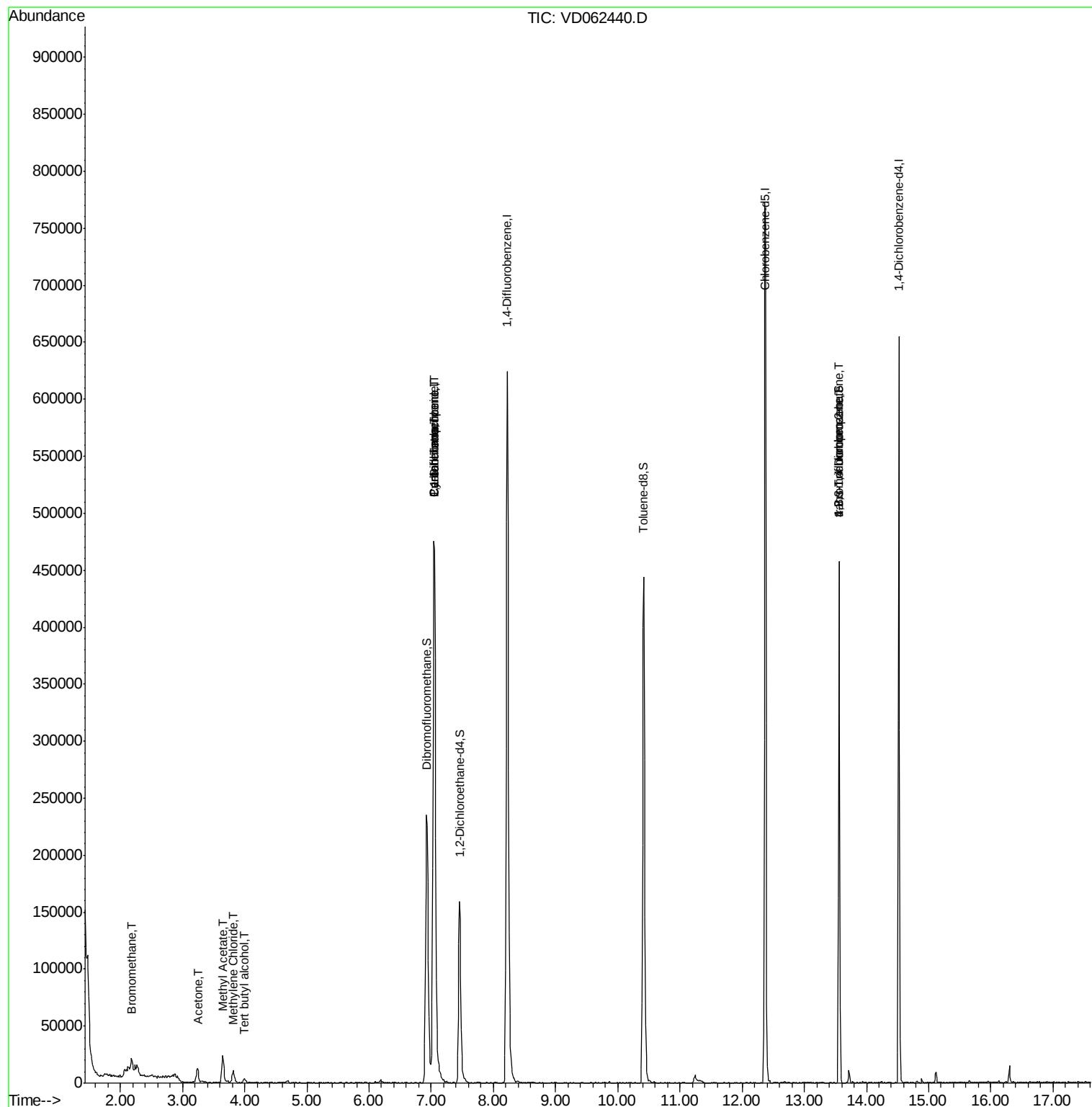
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	1599	2.115	ug/l #	12
11) Tert butyl alcohol	4.00	59	2476	10.988	ug/l #	76
16) Acetone	3.23	43	18894	20.409	ug/l #	86
18) Methyl Acetate	3.65	43	40297	24.182	ug/l #	90
20) Methylene Chloride	3.81	84	6562	1.698	ug/l #	82
31) Cyclohexane	7.04	56	10031	2.166	ug/l #	5
36) 1,1-Dichloropropene	7.04	75	38587	7.273	ug/l #	47
38) Carbon Tetrachloride	7.04	117	49767	6.777	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	43643	27.403	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	55868	124.261	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

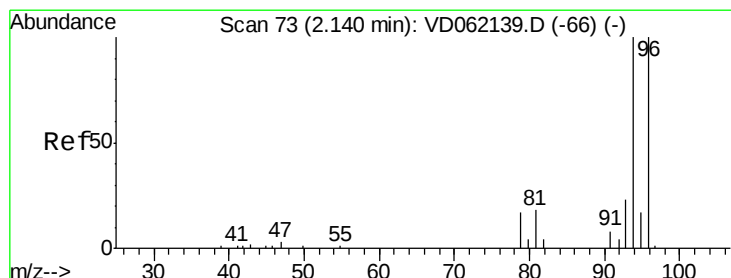
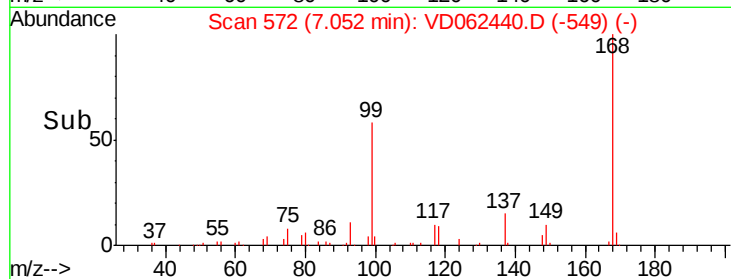
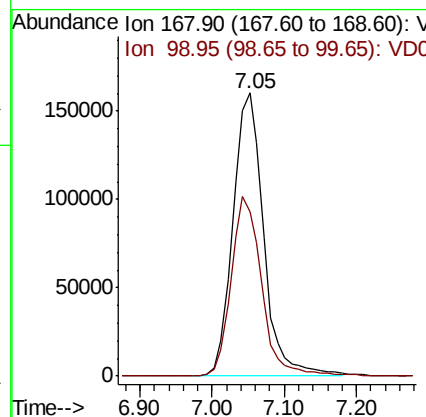
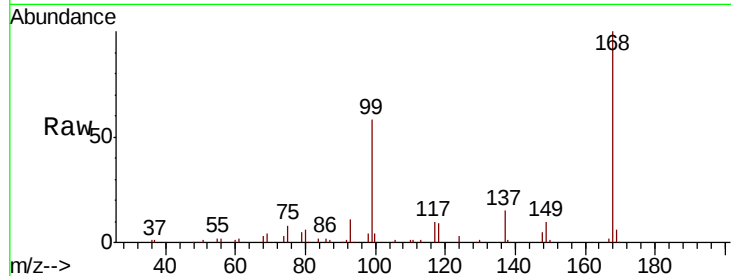




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

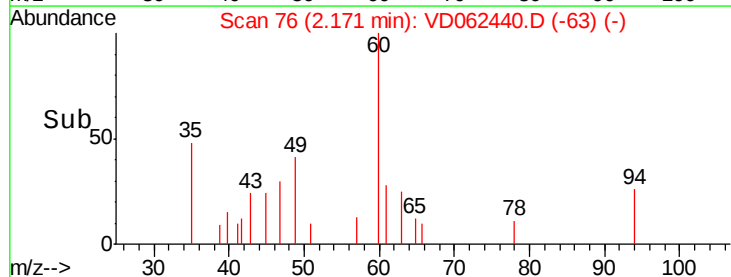
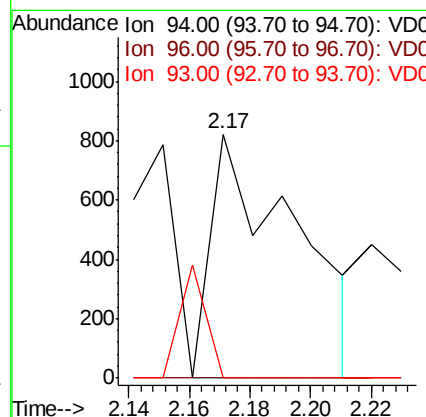
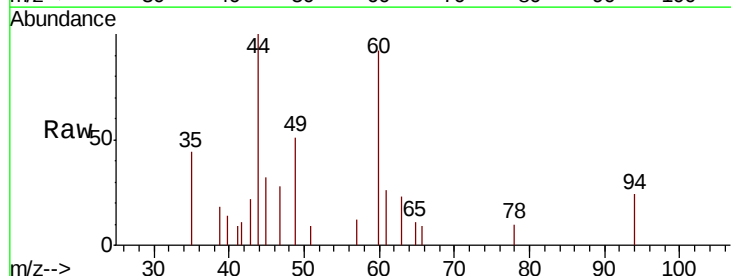
Instrument :
MSVOA_D
ClientSampleId :

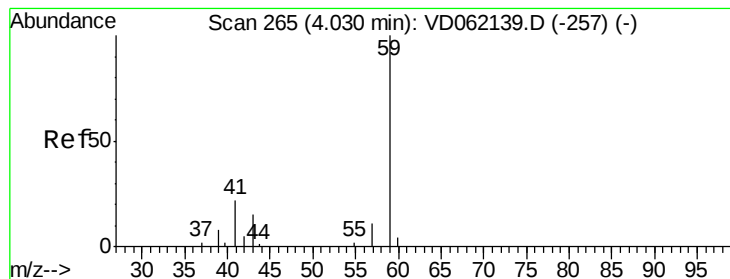
Tot Ion:168 Resp: 475020
Ion Ratio Lower Upper
168 100
99 58.2 46.5 69.7



#5
Bromomethane
Concen: 2.115 ug/l
RT: 2.17 min Scan# 76
Delta R.T. 0.03 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

Tgt Ion: 94 Resp: 1599
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#



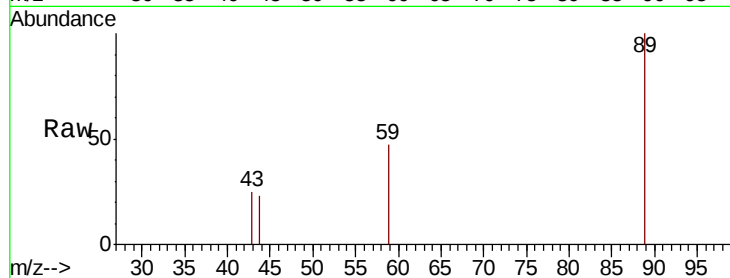


#11

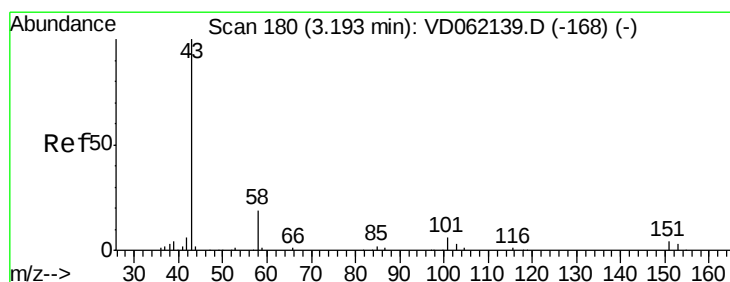
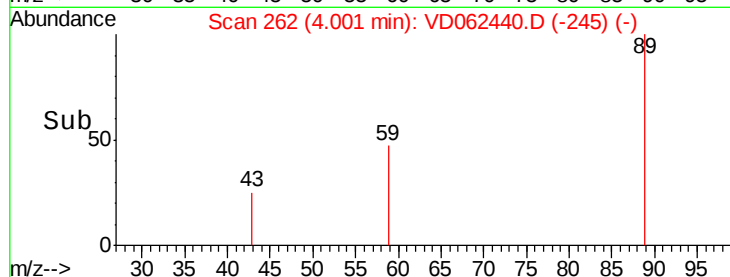
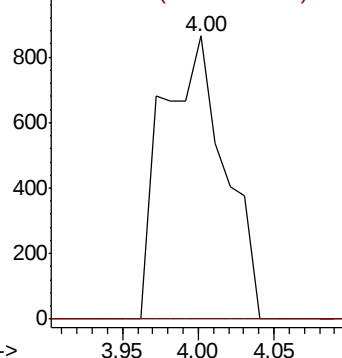
Tert butyl alcohol
 Concen: 10.988 ug/l
 RT: 4.00 min Scan# 262
 Delta R.T. -0.03 min
 Lab File: VD062440.D
 Acq: 17 May 2019 15:39

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 59 Resp: 2476
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.9 10.3#



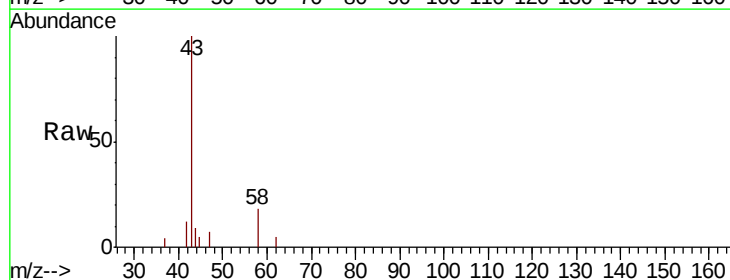
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



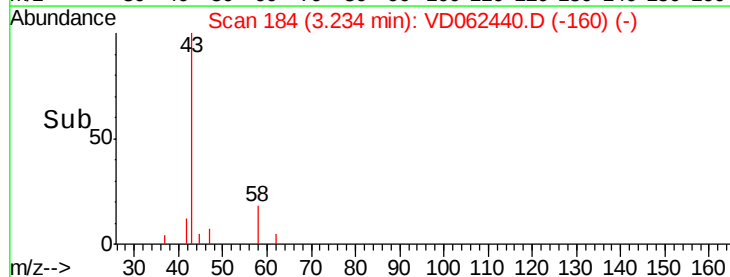
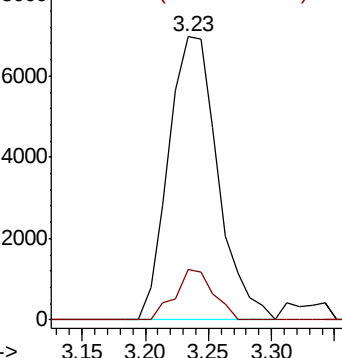
#16

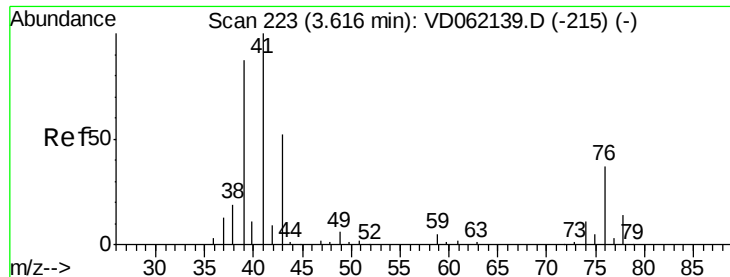
Acetone
 Concen: 20.409 ug/l
 RT: 3.23 min Scan# 184
 Delta R.T. 0.04 min
 Lab File: VD062440.D
 Acq: 17 May 2019 15:39

Tgt Ion: 43 Resp: 18894
 Ion Ratio Lower Upper
 43 100
 58 17.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

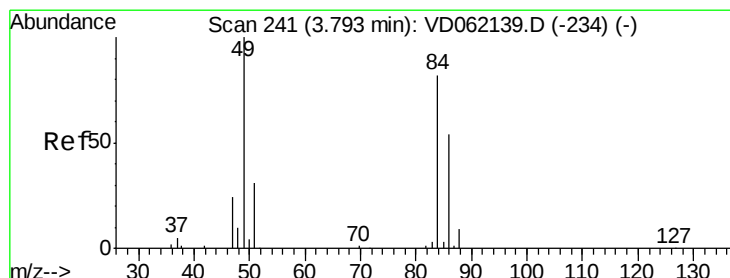
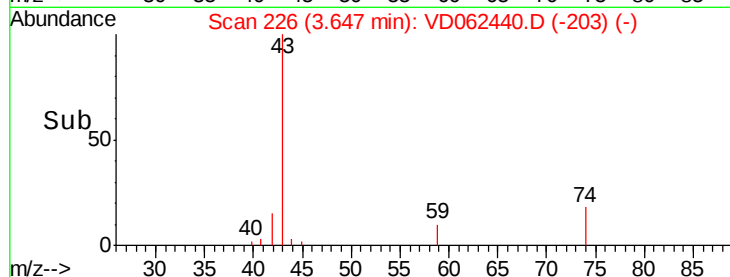
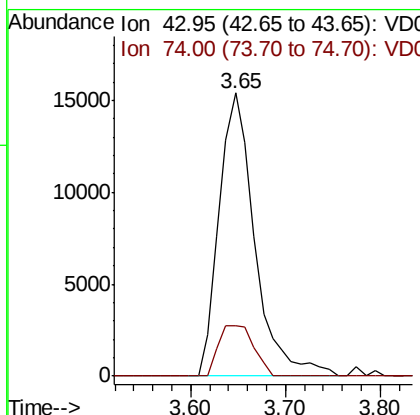
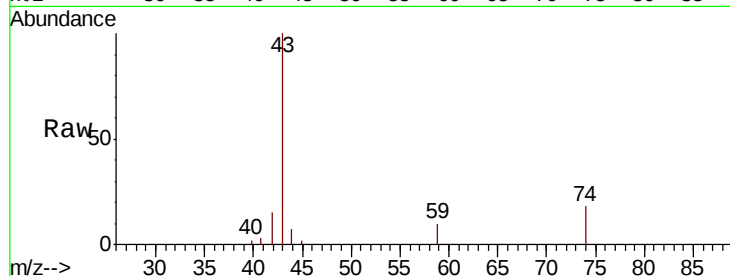




#18
Methyl Acetate
Concen: 24.182 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.03 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

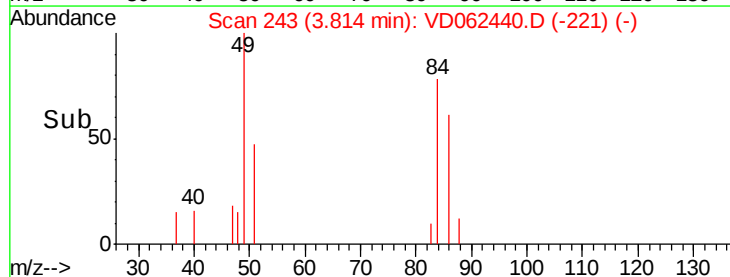
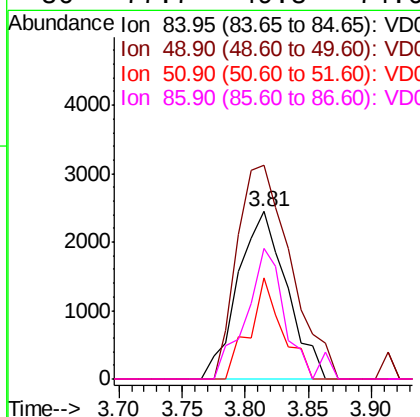
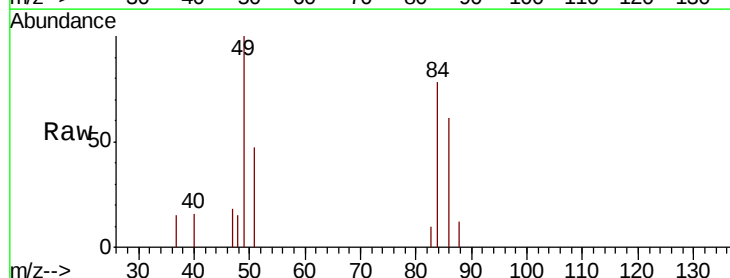
Instrument :
MSVOA_D
ClientSampled :

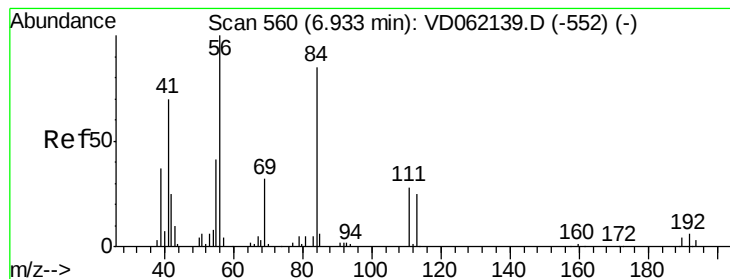
Tot Ion: 43 Resp: 40297
Ion Ratio Lower Upper
43 100
74 17.8 18.0 27.0#



#20
Methylene Chloride
Concen: 1.698 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

Tgt Ion: 84 Resp: 6562
Ion Ratio Lower Upper
84 100
49 127.5 94.0 141.0
51 60.4 29.0 43.4#
86 77.7 49.8 74.6#





#31

Cyclohexane

Concen: 2.166 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.11 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Instrument :
MSVOA_D
ClientSampleId :

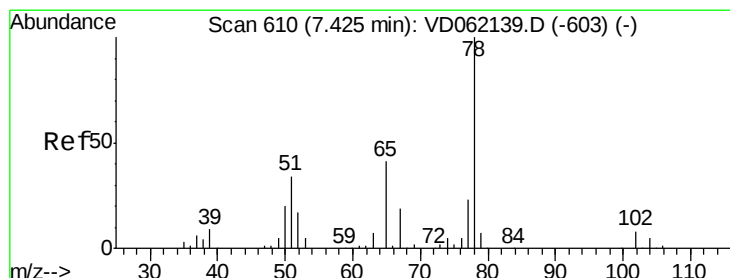
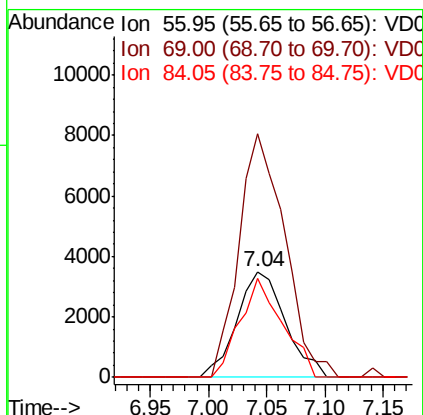
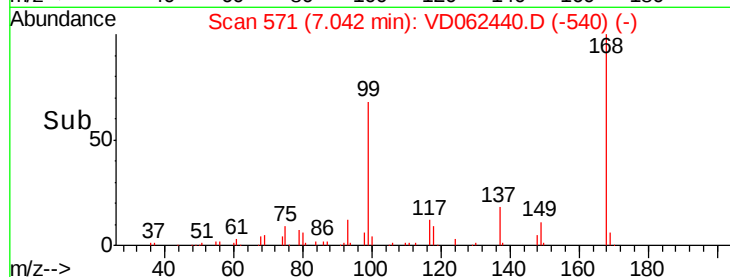
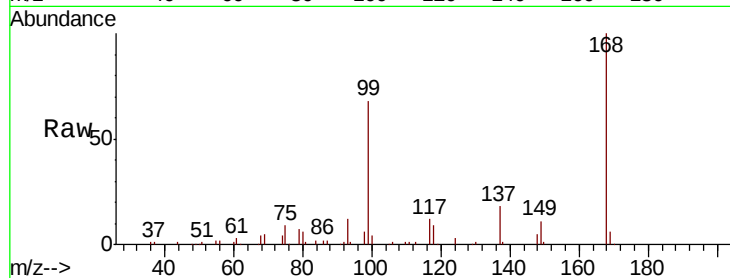
Tot Ion: 56 Resp: 10031

Ion Ratio Lower Upper

56 100

69 230.3 25.8 38.6#

84 93.3 72.2 108.4



#33

1,2-Dichloroethane-d4

Concen: 40.875 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062440.D

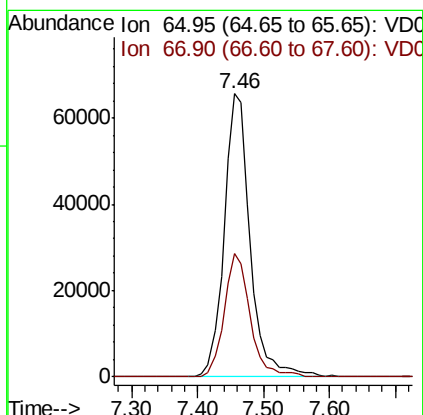
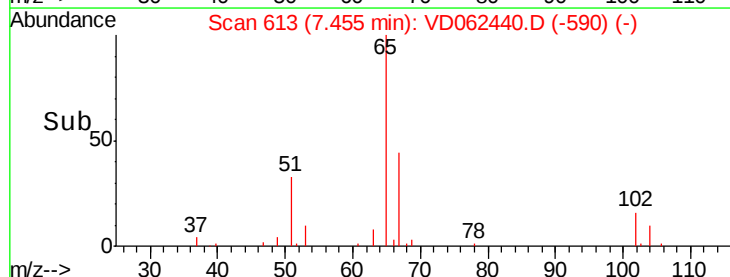
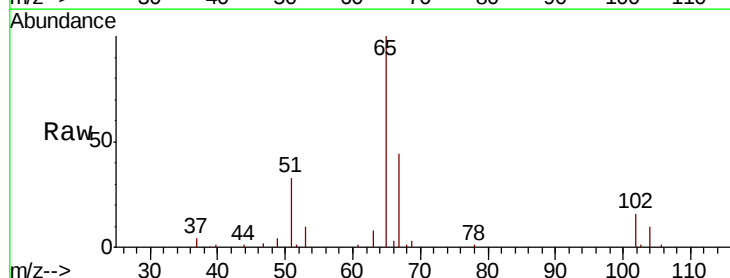
Acq: 17 May 2019 15:39

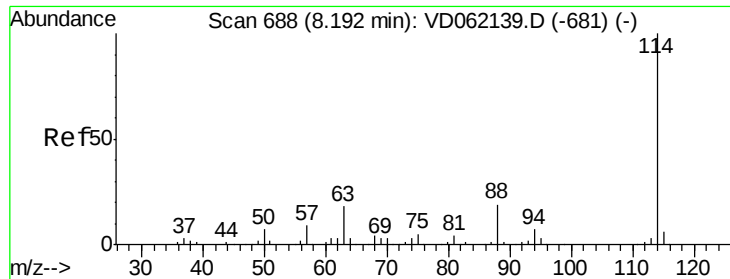
Tgt Ion: 65 Resp: 180438

Ion Ratio Lower Upper

65 100

67 43.7 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

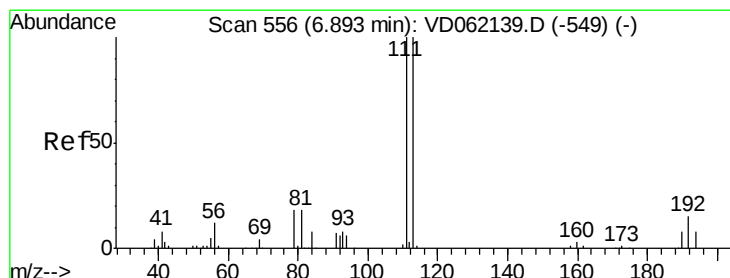
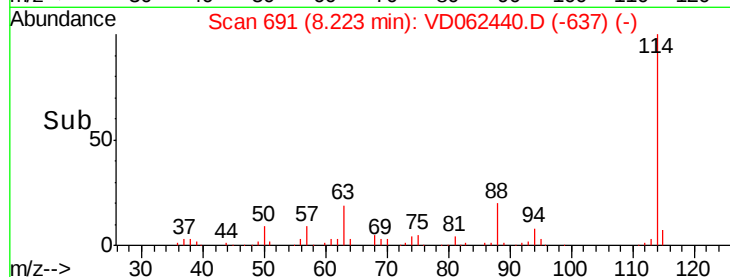
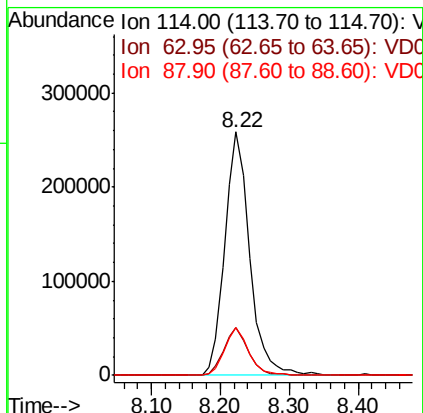
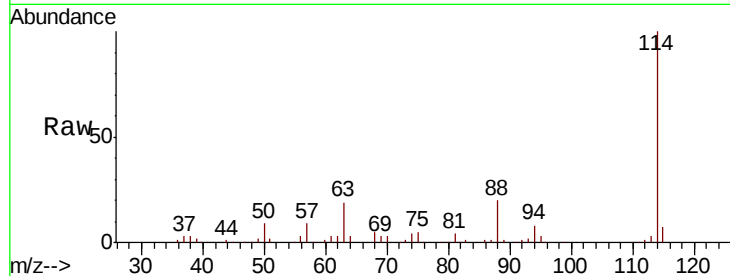
Delta R.T. 0.03 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	114	Resp:	647120
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	32.4
88	19.8	0.0	33.6



#35

Dibromofluoromethane

Concen: 41.554 ug/l

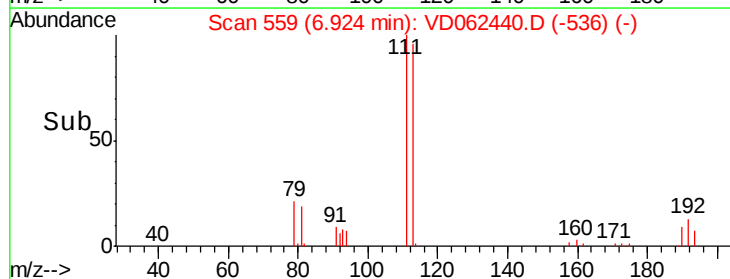
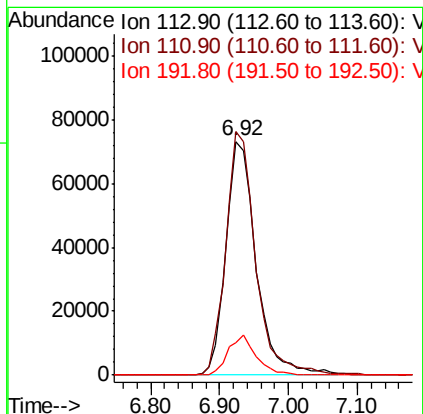
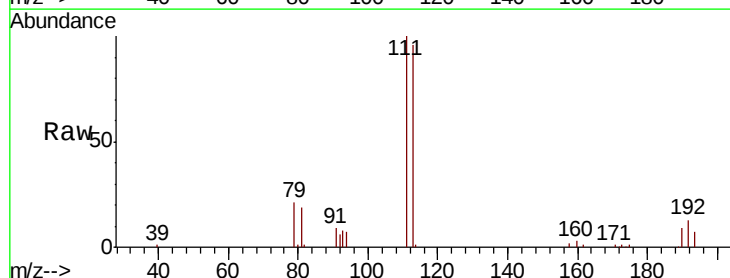
RT: 6.92 min Scan# 559

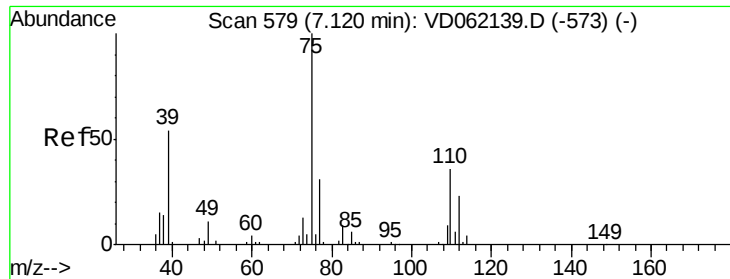
Delta R.T. 0.03 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Tgt Ion:	113	Resp:	223112
Ion	Ratio	Lower	Upper
113	100		
111	104.2	78.5	117.7
192	13.7	13.0	19.4

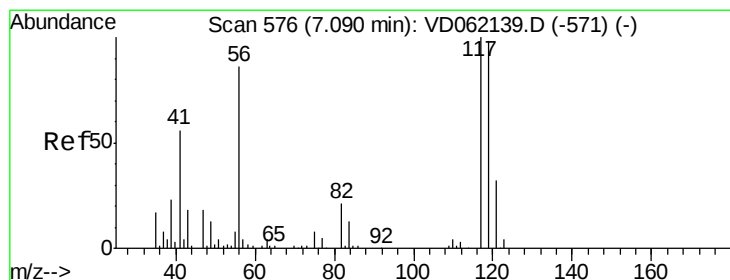
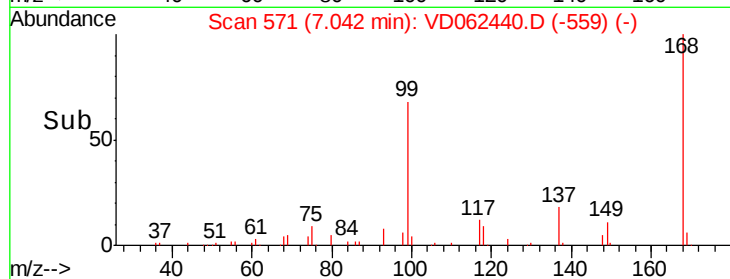
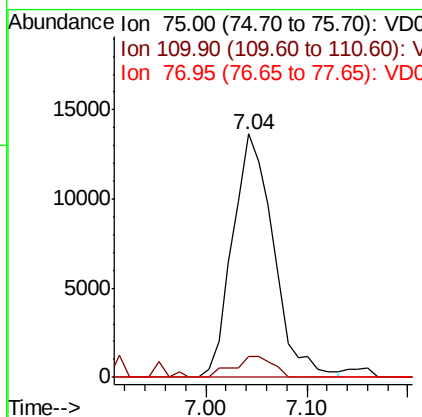
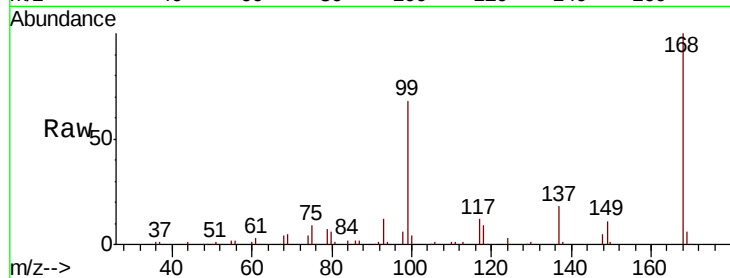




#36
 1,1-Dichloropropene
 Concen: 7.273 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062440.D
 Acq: 17 May 2019 15:39

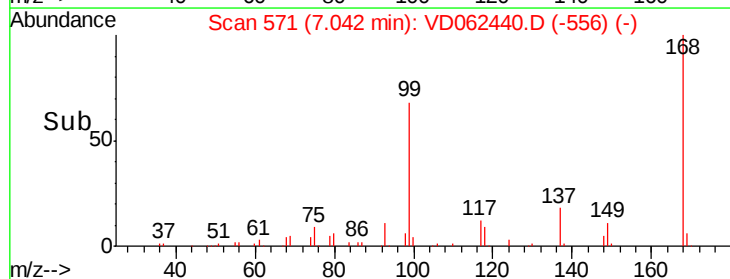
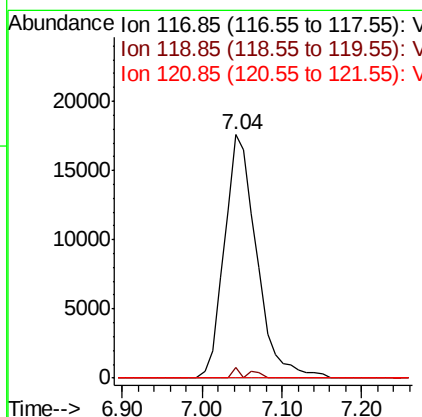
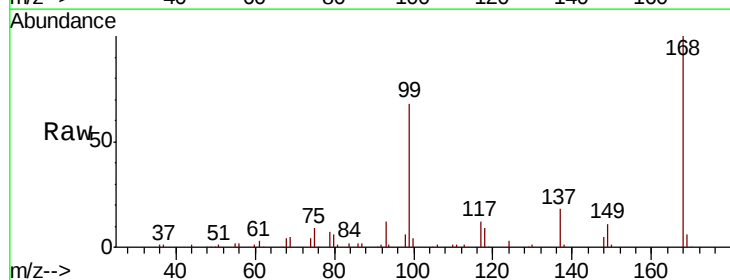
Instrument :
 MSVOA_D
 ClientSampleId :

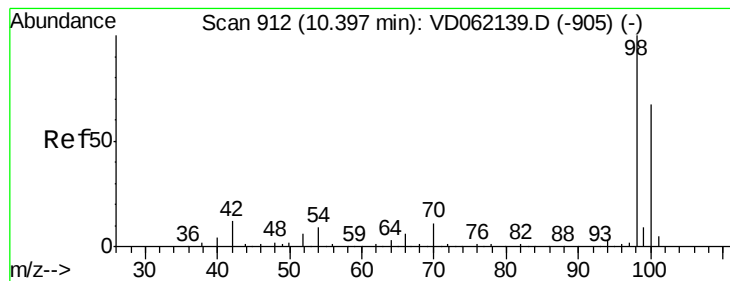
Tot Ion	75	Resp	38587
Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.777 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.05 min
 Lab File: VD062440.D
 Acq: 17 May 2019 15:39

Tgt Ion	117	Resp	49767
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: 28.045 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

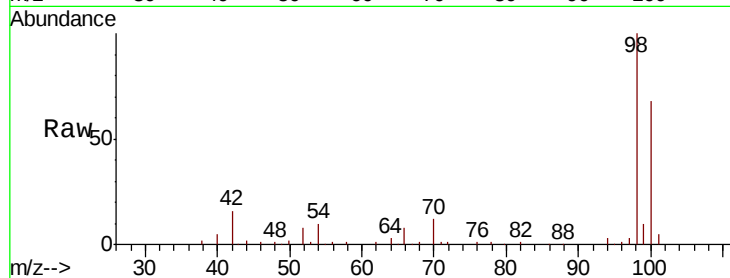
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 363063

Ion Ratio Lower Upper

98 100

100 67.8 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) (-)

10.42

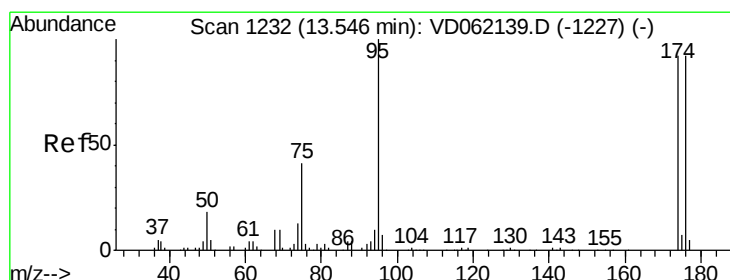
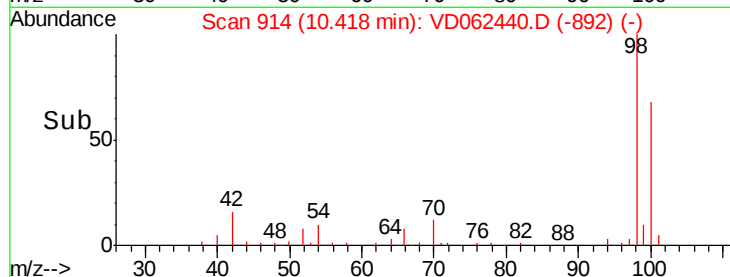
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100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 24.332 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

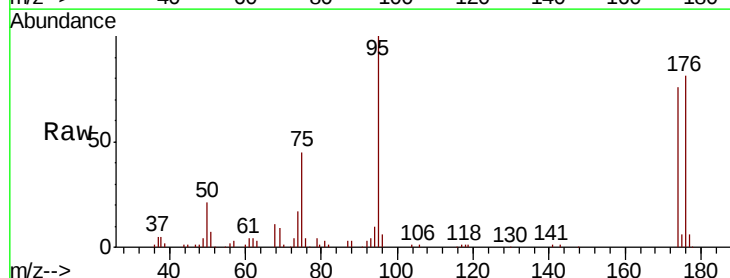
Tgt Ion: 95 Resp: 126491

Ion Ratio Lower Upper

95 100

174 76.3 0.0 181.8

176 80.9 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) (-)

13.56

120000

100000

80000

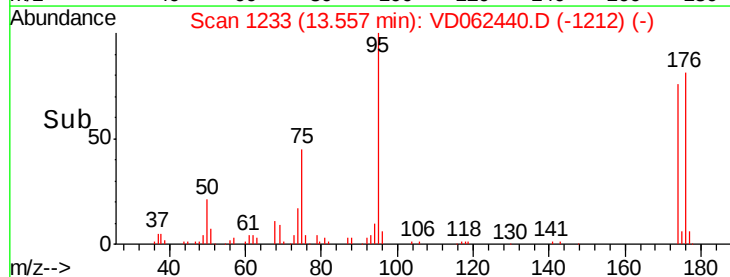
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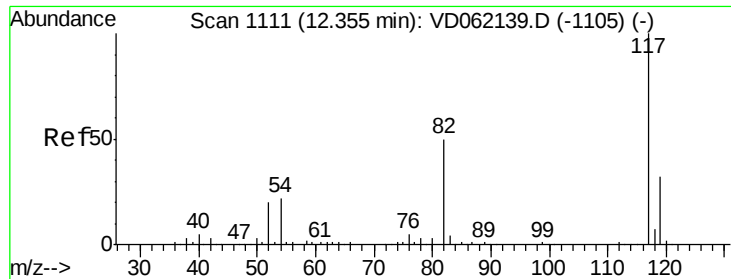
40000

20000

0

Time-->

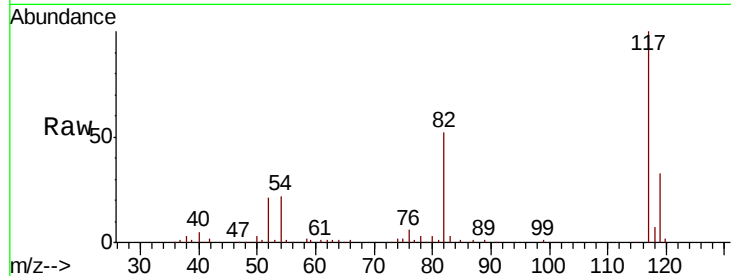




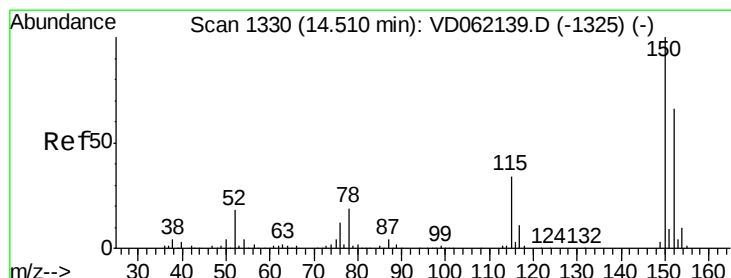
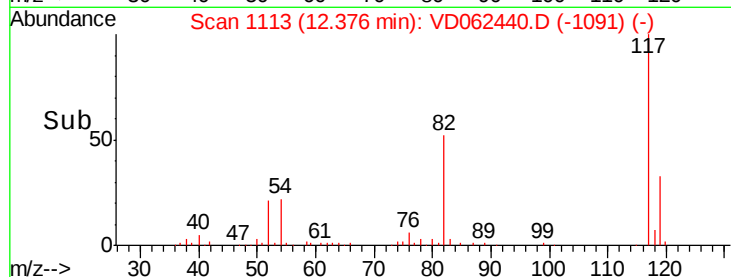
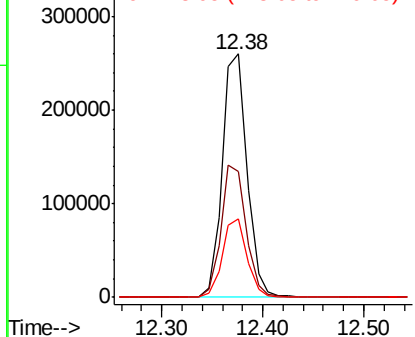
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 446102
Ion Ratio Lower Upper
117 100
82 51.9 36.2 54.2
119 32.5 26.2 39.4

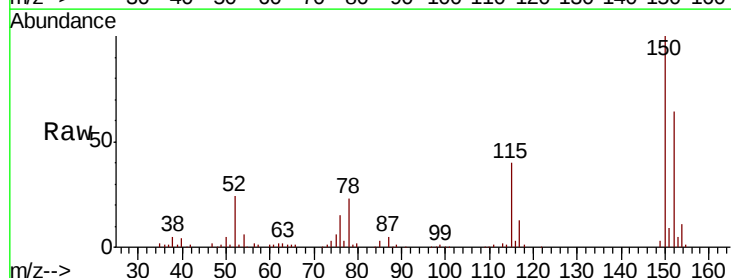


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

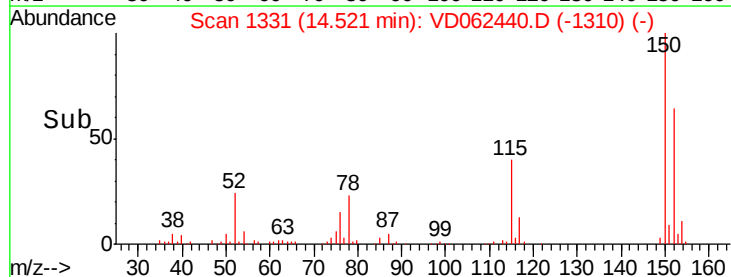
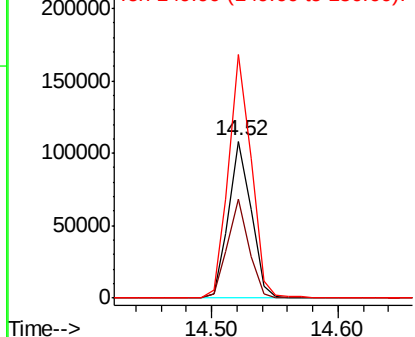


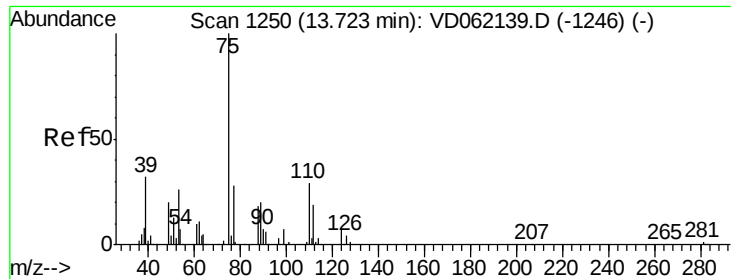
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

Tgt Ion:152 Resp: 134011
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.7
150 155.4 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: 27.403 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Instrument :

MSVOA_D

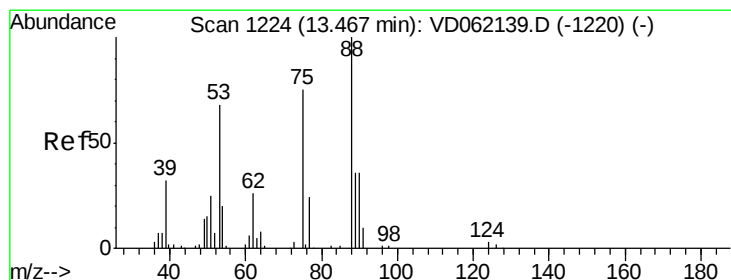
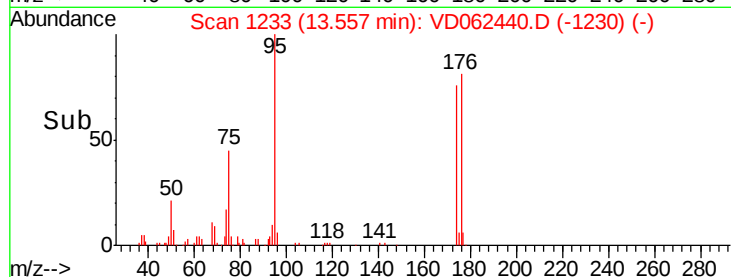
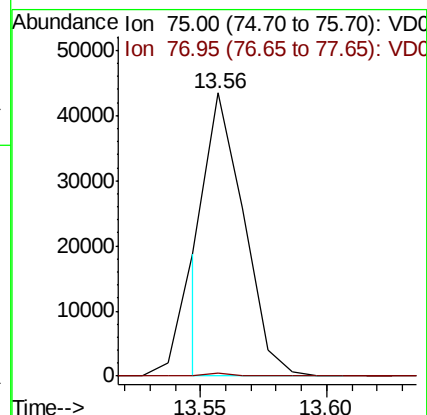
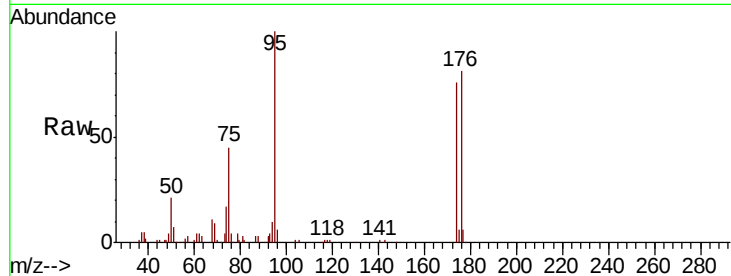
ClientSampleId :

Tot Ion: 75 Resp: 43643

Ion Ratio Lower Upper

75 100

77 0.9 16.4 49.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.261 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Tgt Ion: 75 Resp: 55868

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

