

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062202.D
 Acq On : 9 May 2019 21:45
 Operator : FY/SY
 Sample : K2717-14
 Misc : 4.74g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0002-01

Quant Time: May 10 04:22:54 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	7.04	168	22396	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	48500	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	50917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	24460	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	38839	186.61	ug/l	0.02
Spiked Amount			Recovery	=	373.22%	
35) Dibromofluoromethane	6.91	113	32710	81.29	ug/l	0.02
Spiked Amount			Recovery	=	162.58%	
50) Toluene-d8	10.40	98	51641	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	13.55	95	25125	64.49	ug/l	0.00
Spiked Amount			Recovery	=	128.98%	

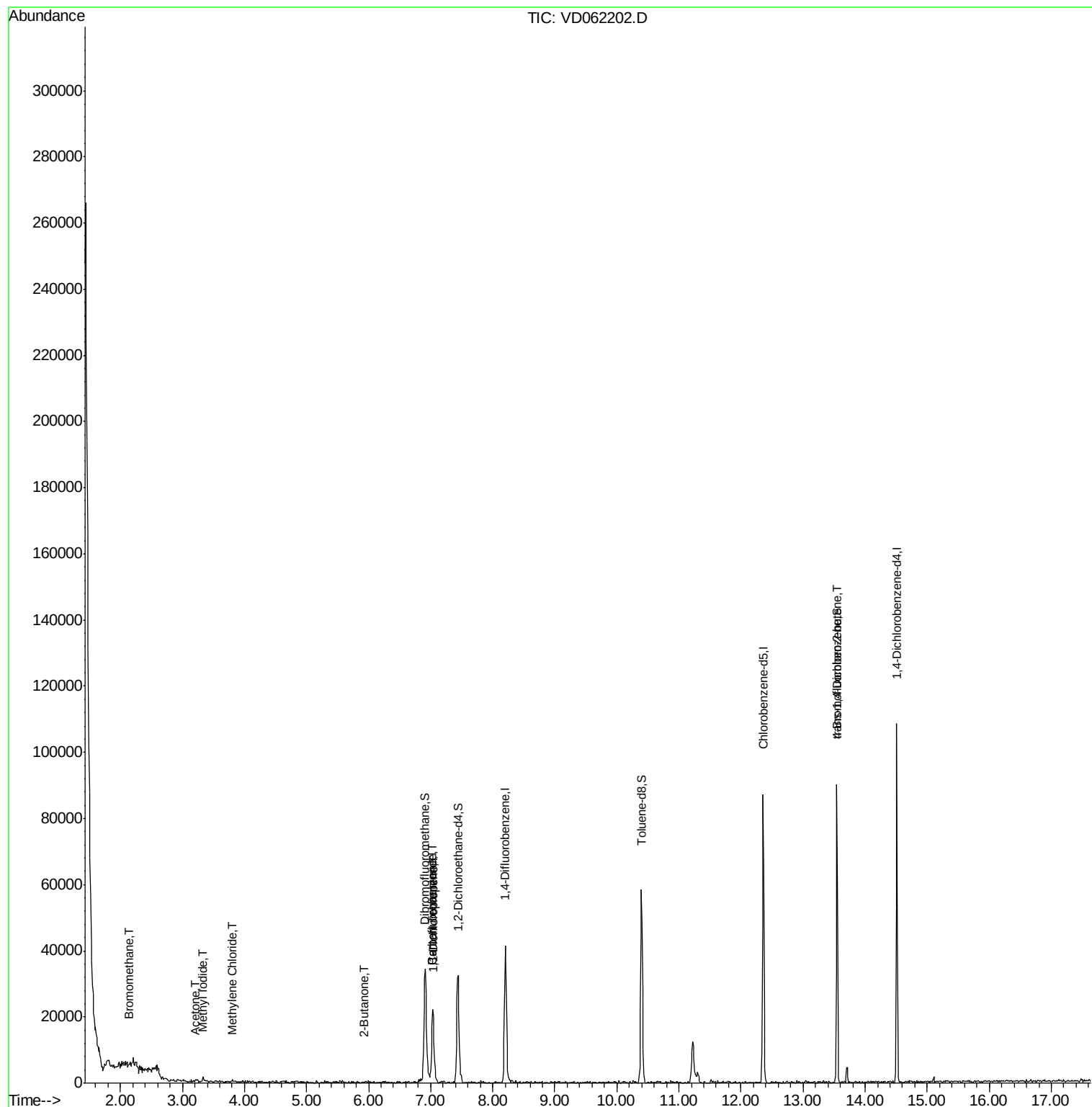
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.13	94	799	22.418	ug/l #	12
10) Methyl Iodide	3.33	142	1718	5.081	ug/l #	81
16) Acetone	3.21	43	418	9.577	ug/l #	50
20) Methylene Chloride	3.80	84	234	1.284	ug/l #	8
25) 2-Butanone	5.91	43	194	4.075	ug/l #	56
36) 1,1-Dichloropropene	7.05	75	1523	3.830	ug/l #	40
38) Carbon Tetrachloride	7.03	117	2055	3.734	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.55	75	11135	135.689	ug/l #	16

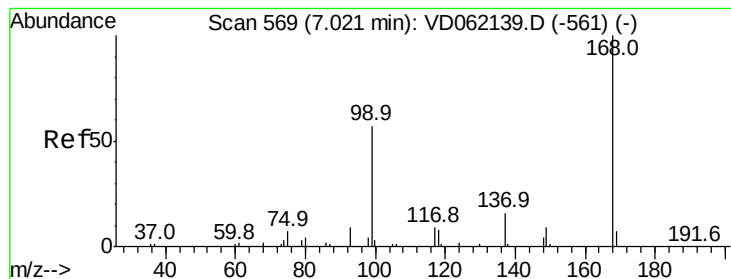
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
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: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062202.D

Acq: 9 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

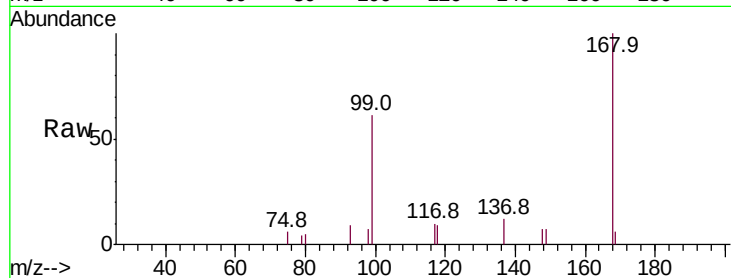
P026-SS003-0002-01

Tot Ion:168 Resp: 22396

Ion Ratio Lower Upper

168 100

99 60.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

8000

6000

4000

2000

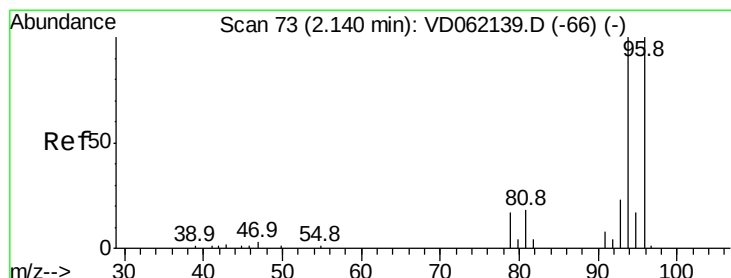
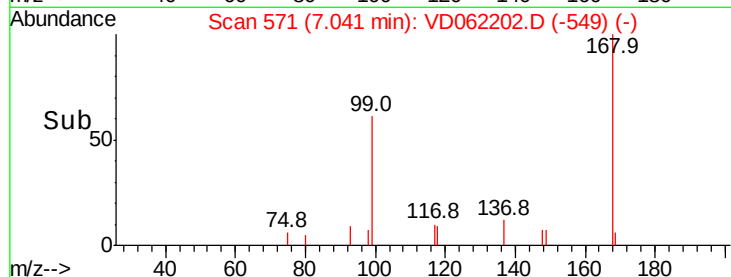
0

Time-->

6.90

7.00

7.10



#5

Bromomethane

Concen: 22.418 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD062202.D

Acq: 9 May 2019 21:45

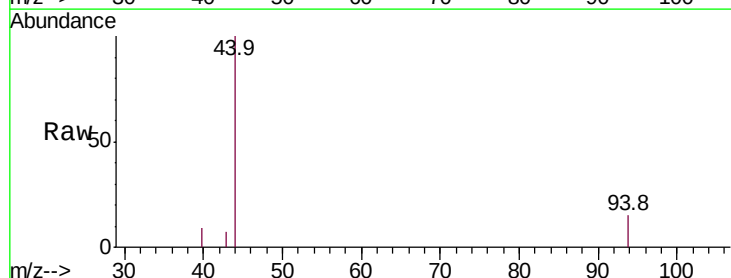
Tgt Ion: 94 Resp: 799

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): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

800

600

400

200

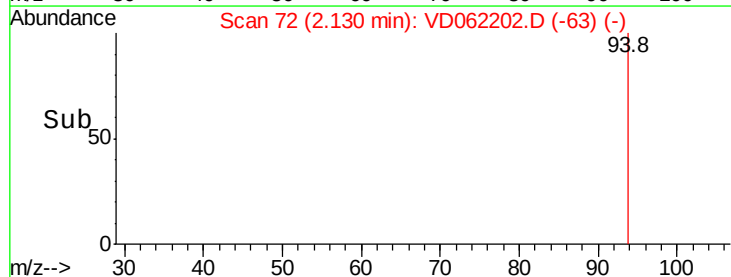
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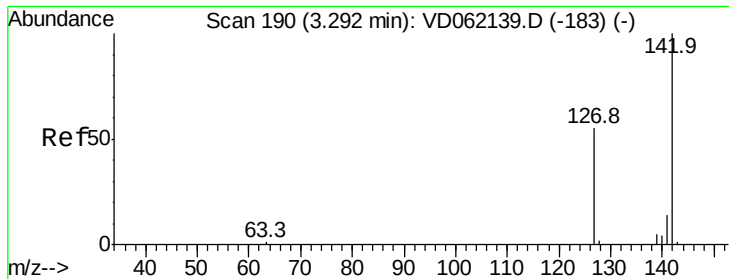
Time-->

2.12

2.14

2.16

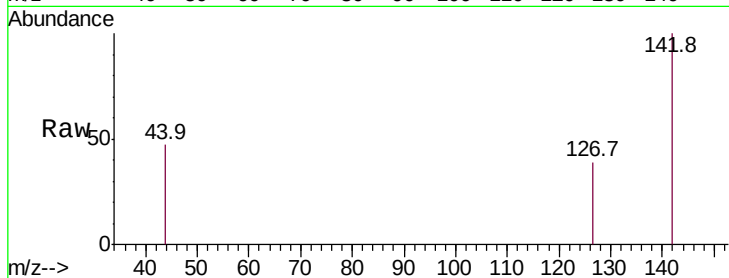




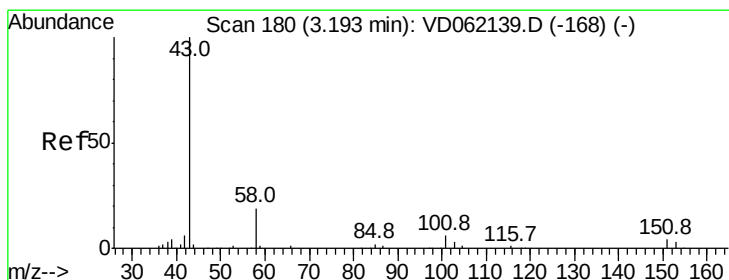
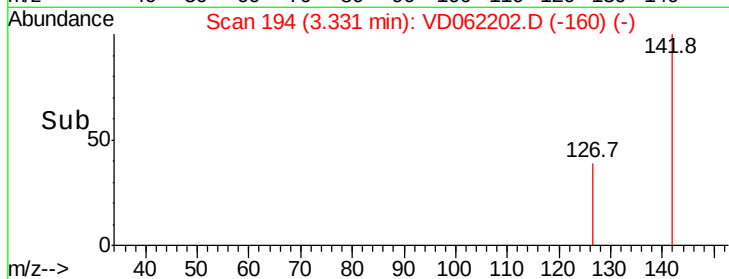
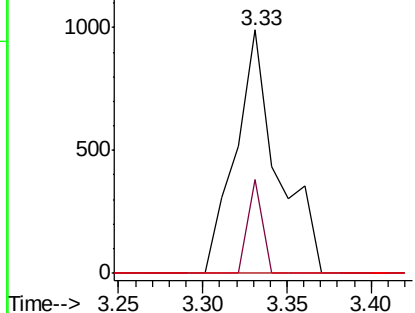
#10
Methvl Iodide
Concen: 5.081 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.04 min
Lab File: VD062202.D
Acq: 9 May 2019 21:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS003-0002-01

Tot Ion:142 Resp: 1718
Ion Ratio Lower Upper
142 100
127 38.6 38.8 58.2#
141 0.0 11.4 17.0#

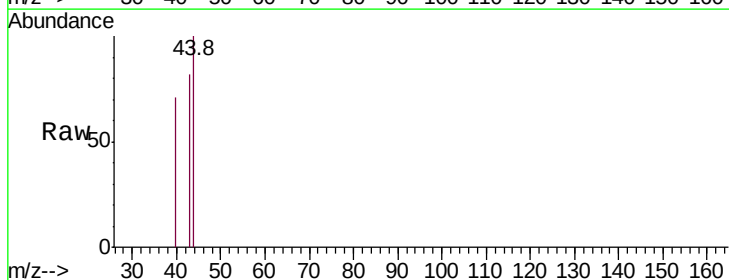


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

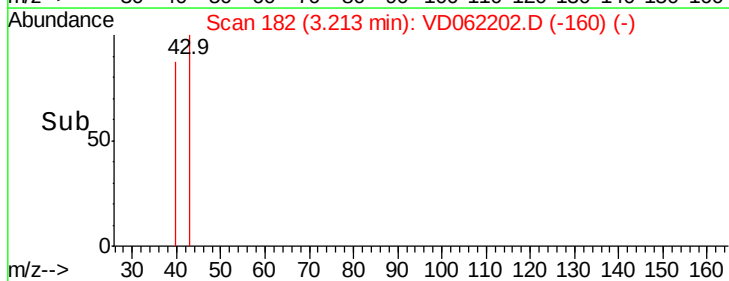
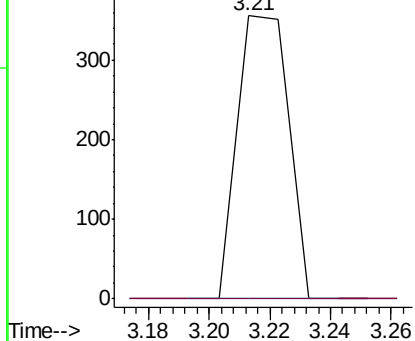


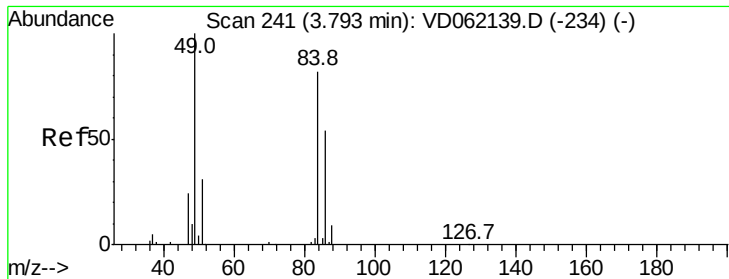
#16
Acetone
Concen: 9.577 ug/l
RT: 3.21 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD062202.D
Acq: 9 May 2019 21:45

Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



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





#20

Methylene Chloride

Concen: 1.284 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD062202.D

Acq: 9 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

P026-SS003-0002-01

Tot Ion: 84 Resp: 234

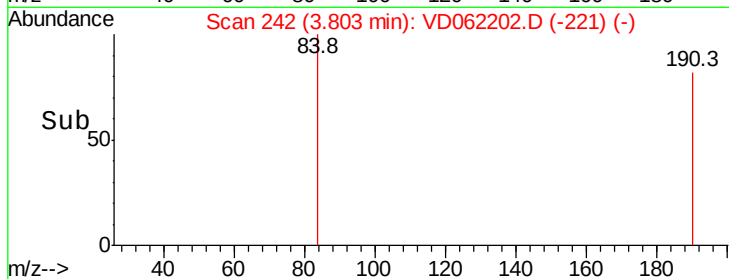
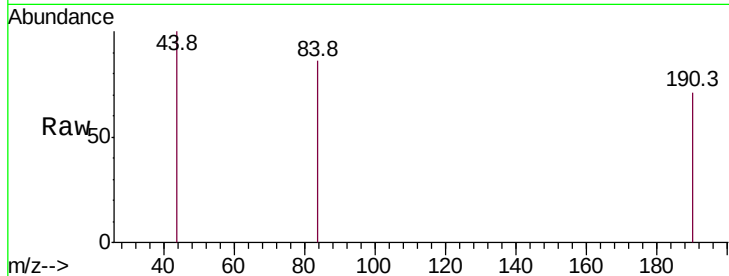
Ion Ratio Lower Upper

84 100

49 0.0 94.0 141.0#

51 0.0 29.0 43.4#

86 0.0 49.8 74.6#

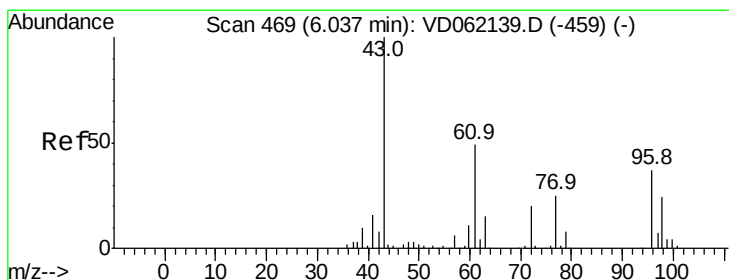
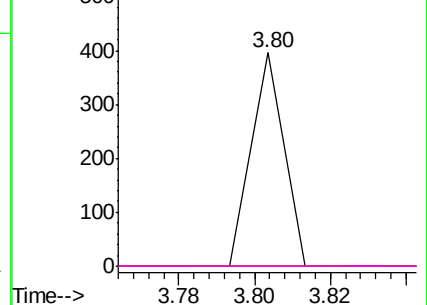


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#25

2-Butanone

Concen: 4.075 ug/l

RT: 5.91 min Scan# 456

Delta R.T. -0.13 min

Lab File: VD062202.D

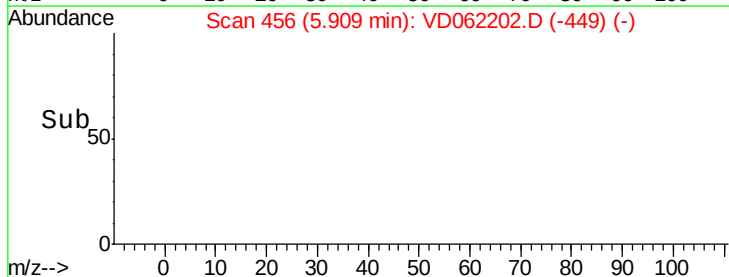
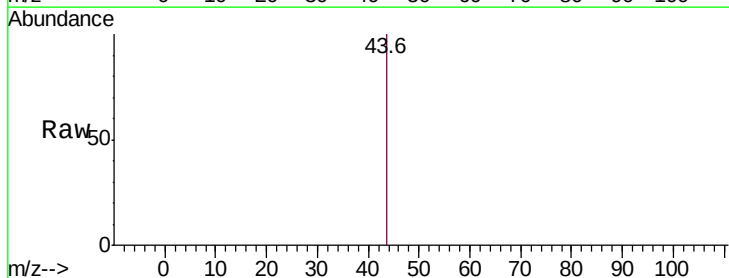
Acq: 9 May 2019 21:45

Tgt Ion: 43 Resp: 194

Ion Ratio Lower Upper

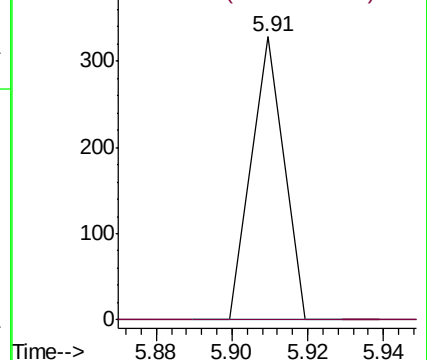
43 100

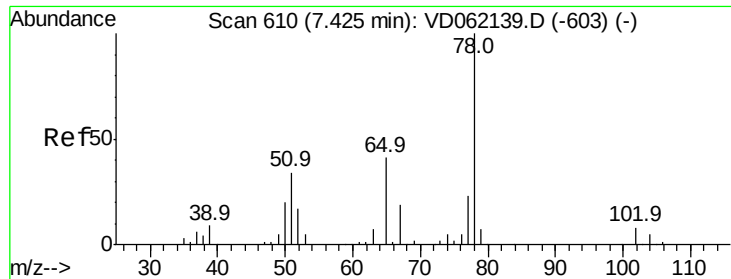
72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

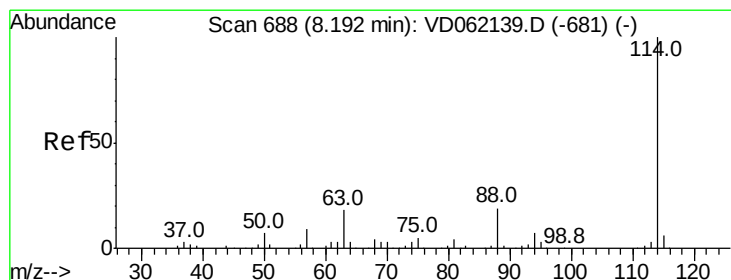
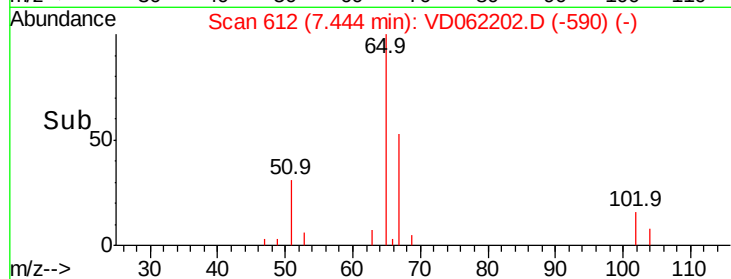
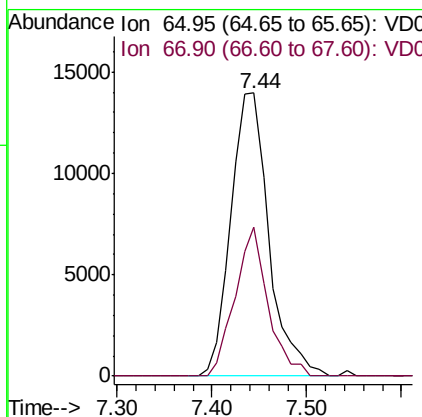
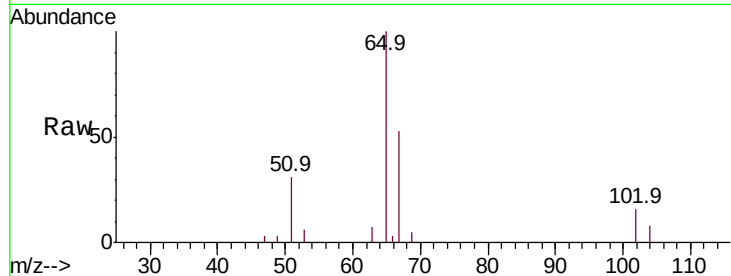




#33
 1,2-Dichloroethane-d4
 Concen: 186.610 ug/l
 RT: 7.44 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD062202.D
 Acq: 9 May 2019 21:45

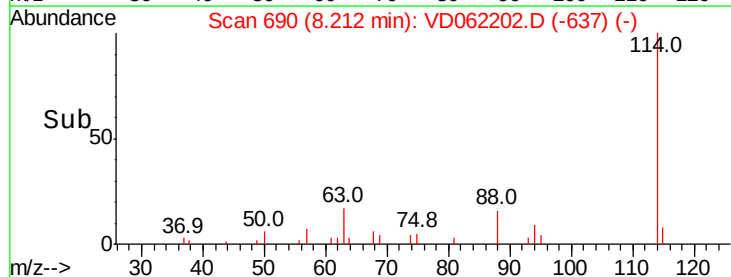
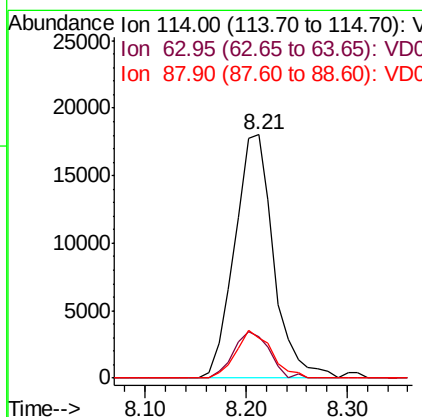
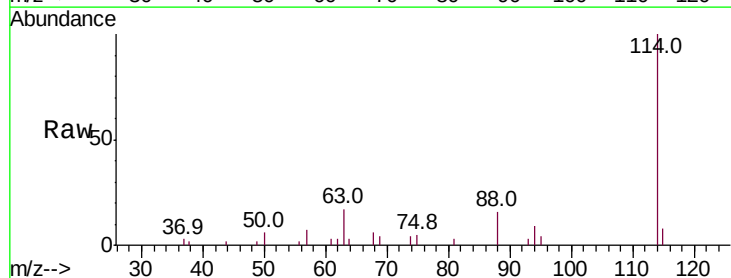
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0002-01

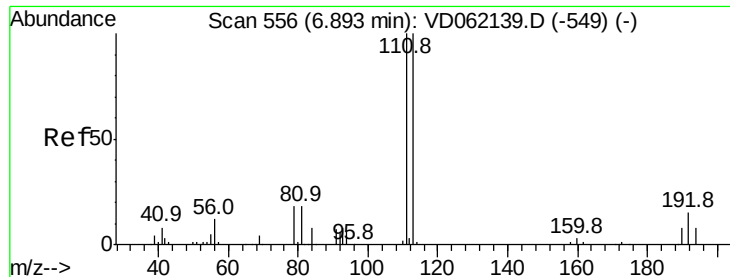
Tot Ion: 65 Resp: 38839
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062202.D
 Acq: 9 May 2019 21:45

Tgt Ion: 114 Resp: 48500
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 32.4
 88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 81.285 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062202.D

Acq: 9 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

P026-SS003-0002-01

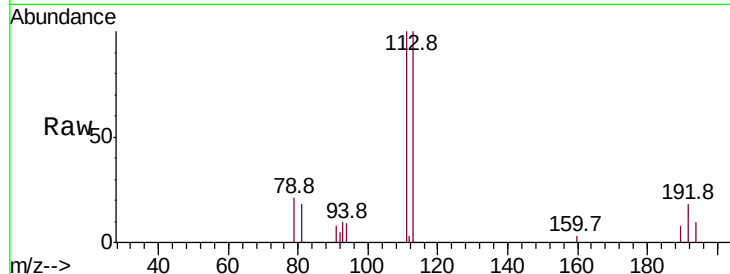
Tot Ion:113 Resp: 32710

Ion Ratio Lower Upper

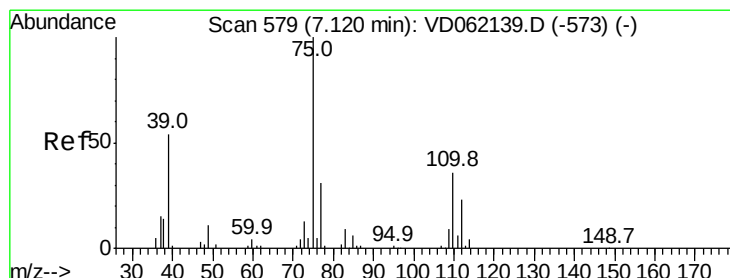
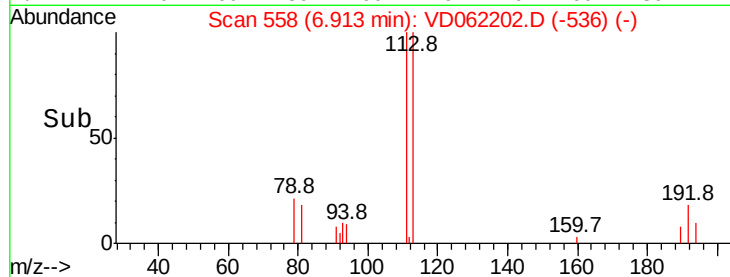
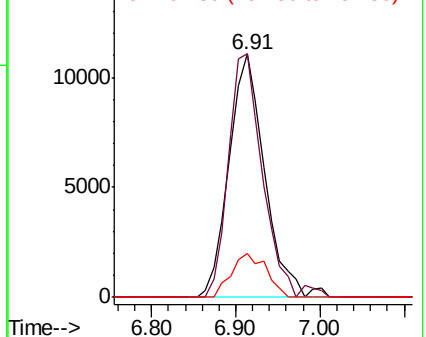
113 100

111 100.1 78.5 117.7

192 18.2 13.0 19.4



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



#36

1,1-Dichloropropene

Concen: 3.830 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.07 min

Lab File: VD062202.D

Acq: 9 May 2019 21:45

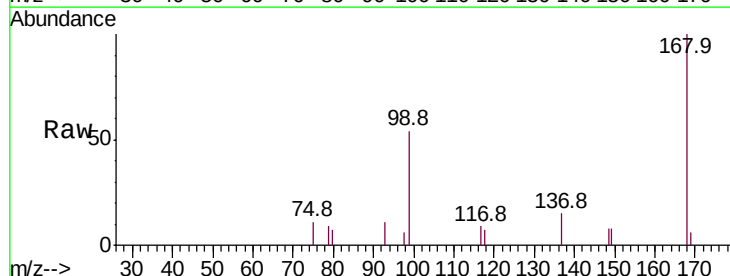
Tgt Ion: 75 Resp: 1523

Ion Ratio Lower Upper

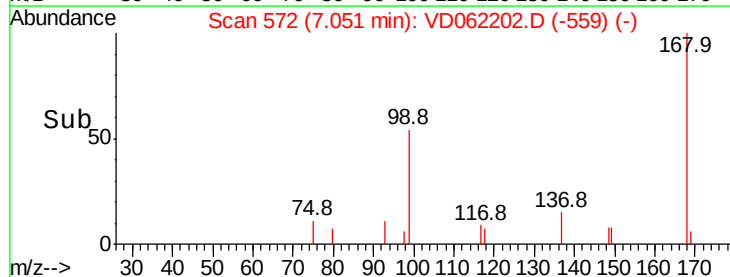
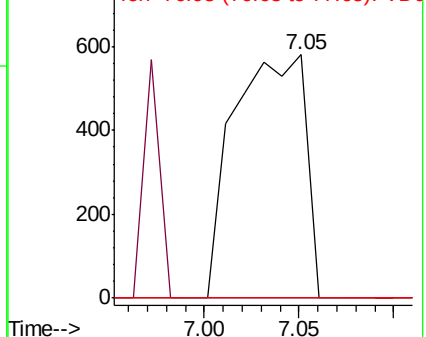
75 100

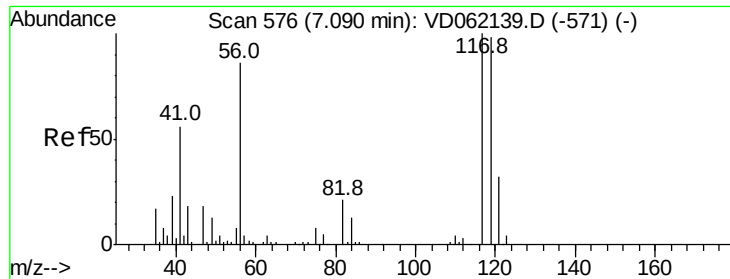
110 0.0 19.1 57.1#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V

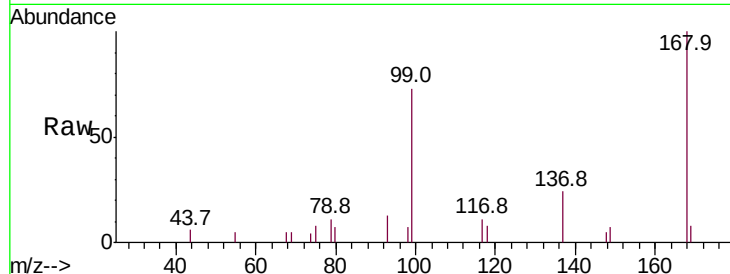




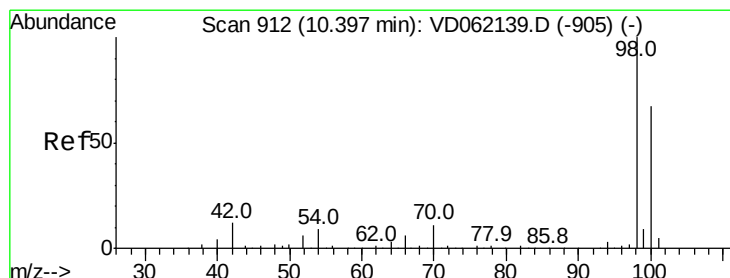
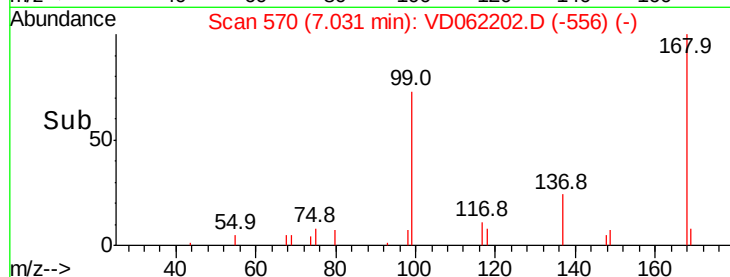
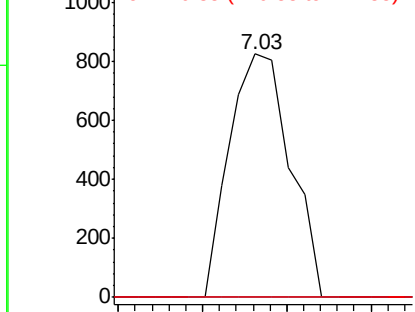
#38
Carbon Tetrachloride
Concen: 3.734 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD062202.D
Acq: 9 May 2019 21:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS003-0002-01

Tot Ion:117 Resp: 2055
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#

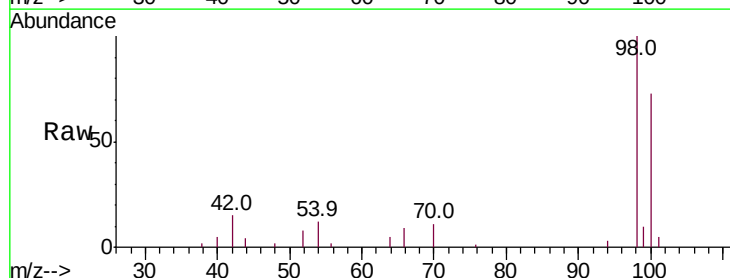


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

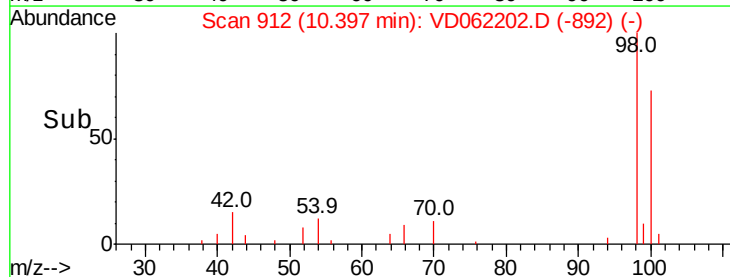
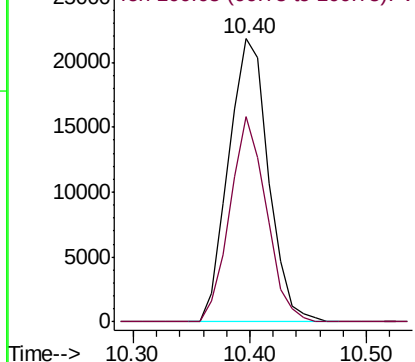


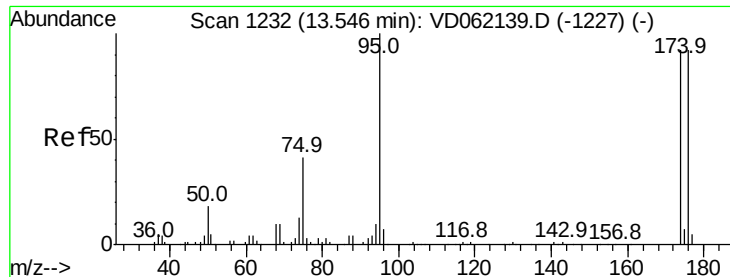
#50
Toluene-d8
Concen: 53.225 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD062202.D
Acq: 9 May 2019 21:45

Tgt Ion: 98 Resp: 51641
Ion Ratio Lower Upper
98 100
100 72.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

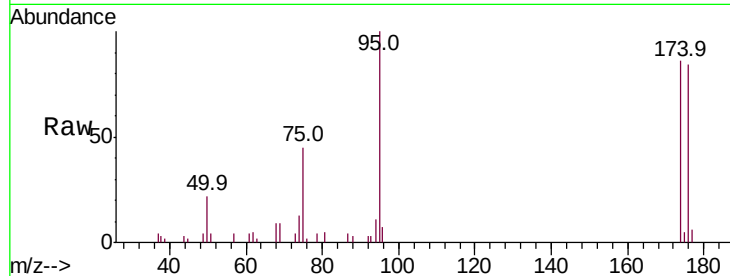




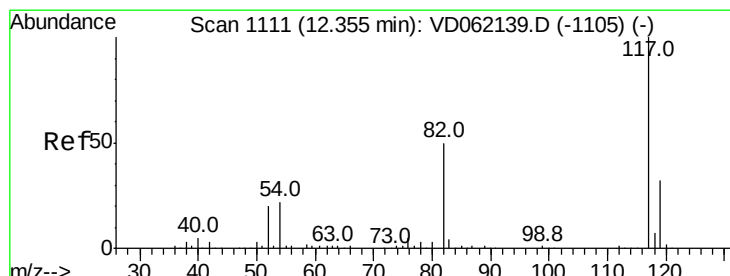
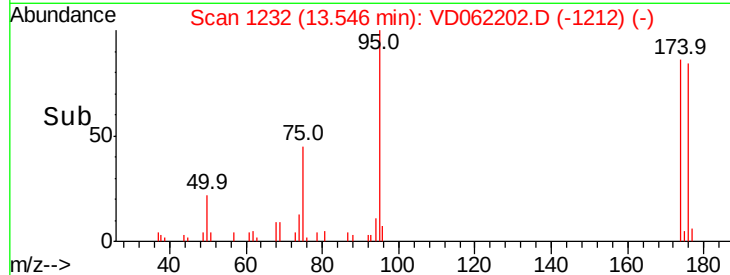
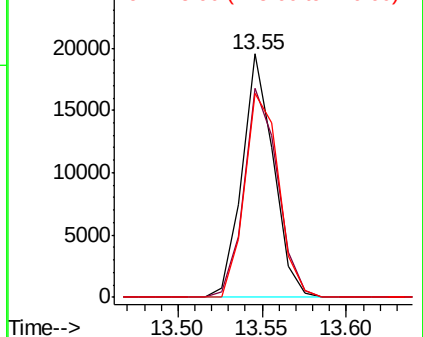
#62
4-Bromofluorobenzene
Concen: 64.487 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062202.D
Acq: 9 May 2019 21:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS003-0002-01

Tot Ion: 95 Resp: 25125
Ion Ratio Lower Upper
95 100
174 86.0 0.0 181.8
176 83.5 0.0 174.4

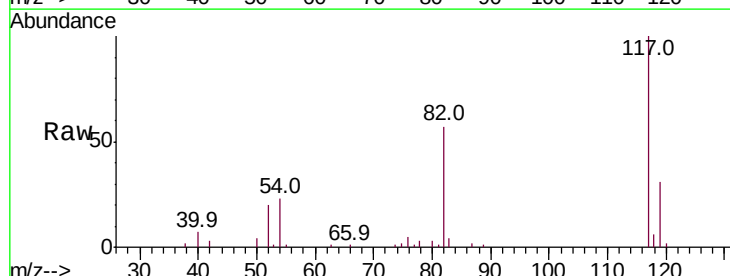


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

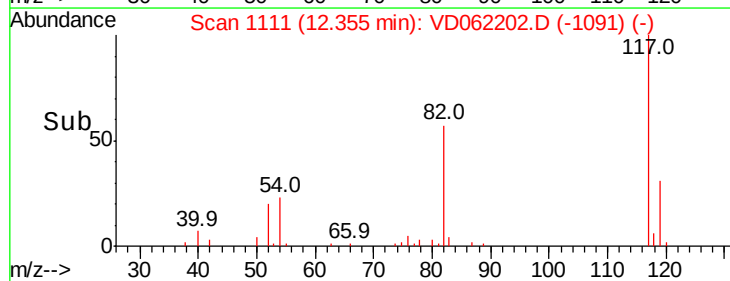
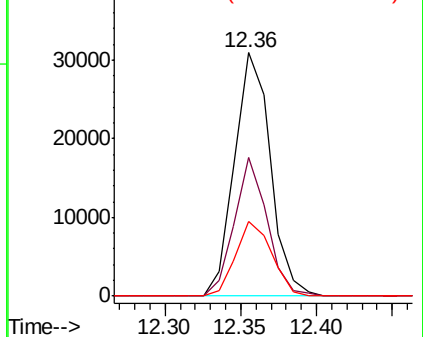


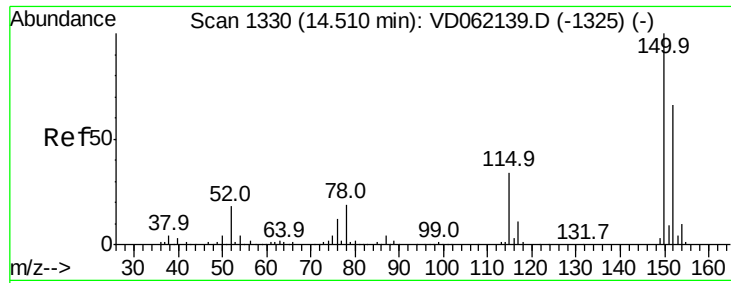
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062202.D
Acq: 9 May 2019 21:45

Tgt Ion: 117 Resp: 50917
Ion Ratio Lower Upper
117 100
82 57.0 36.2 54.2#
119 30.8 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

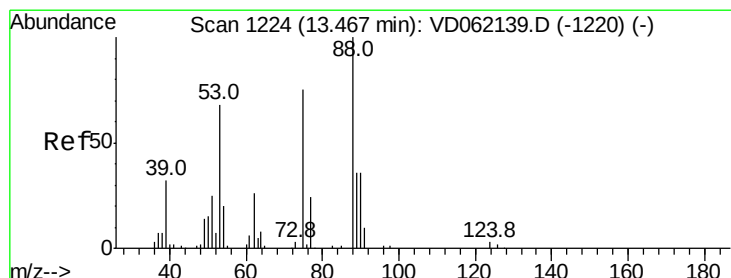
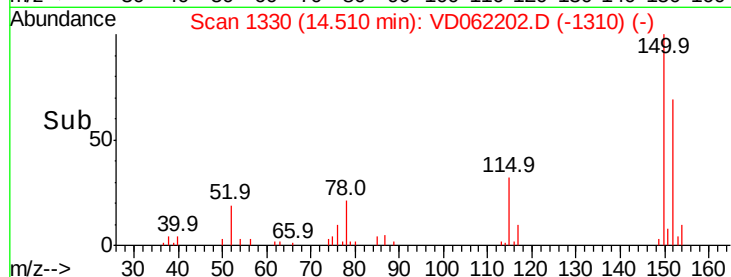
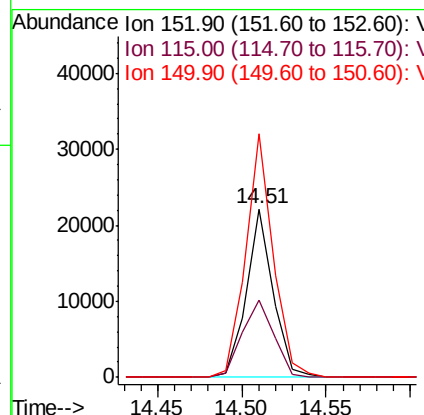
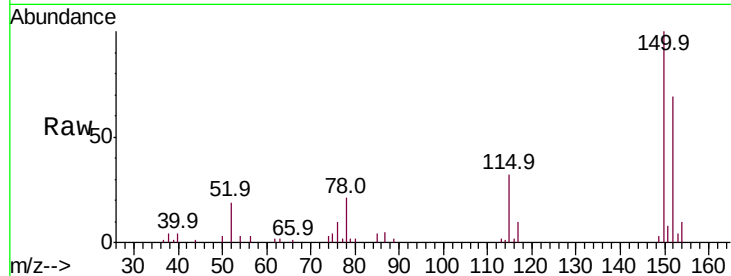




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062202.D
 Acq: 9 May 2019 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0002-01

Tot Ion:152 Resp: 24460
 Ion Ratio Lower Upper
 152 100
 115 46.0 30.9 92.7
 150 144.7 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.689 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD062202.D
 Acq: 9 May 2019 21:45

Tgt Ion: 75 Resp: 11135
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

