

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062278.D
 Acq On : 13 May 2019 1:27
 Operator : FY/SY
 Sample : K2719-04RE
 Misc : 3.44g/5mL/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-0206-02RE

Quant Time: May 13 03:17:16 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	7.07	168	460304	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	587402	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	306784	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	66623	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	201913	47.20	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	6.94	113	235179	48.25	ug/l	0.05
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.42	98	388797	33.09	ug/l	0.03
Spiked Amount 50.000			Recovery	=	66.18%	
62) 4-Bromofluorobenzene	13.56	95	76062	16.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	32.24%	

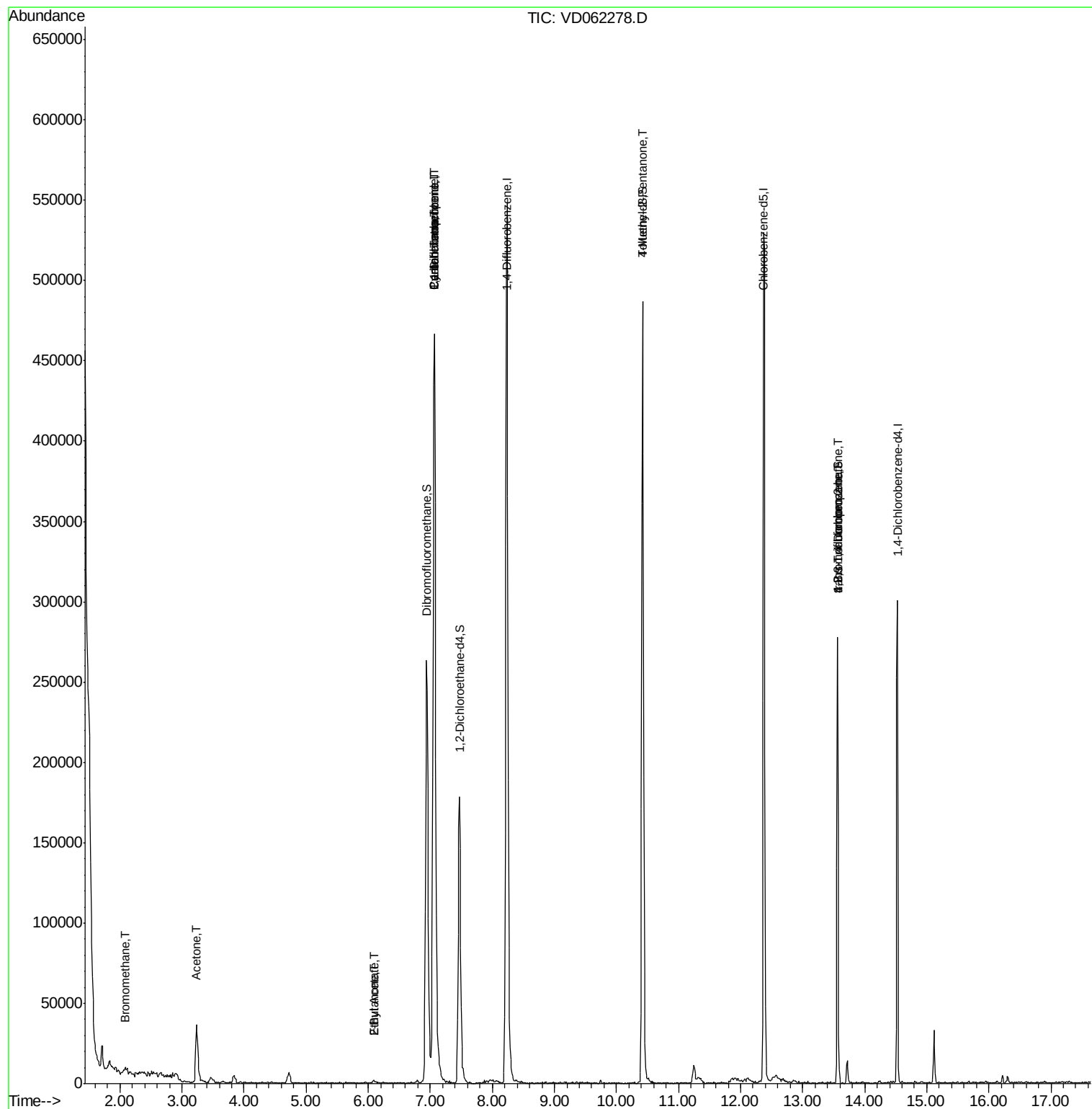
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.10	94	1614	2.203	ug/l #	12
16) Acetone	3.23	43	70827	78.954	ug/l #	89
25) 2-Butanone	6.09	43	4055	4.144	ug/l #	56
31) Cyclohexane	7.07	56	10155	2.263	ug/l #	17
36) 1,1-Dichloropropene	7.06	75	37558	7.798	ug/l #	47
37) Ethyl Acetate	6.09	43	4055	1.985	ug/l #	64
38) Carbon Tetrachloride	7.07	117	49816	7.473	ug/l #	12
51) 4-Methyl-2-Pentanone	10.42	43	2125	1.141	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	34605	43.706	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	35878	160.515	ug/l #	16

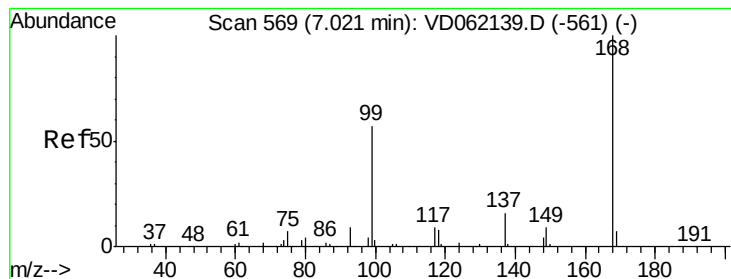
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062278.D
Acq On : 13 May 2019 1:27
Operator : FY/SY
Sample : K2719-04RE
Misc : 3.44g/5mL/MSVOA D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-0206-02RE

Quant Time: May 13 03:17:16 2019
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: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

Instrument :

MSVOA_D

ClientSampleId :

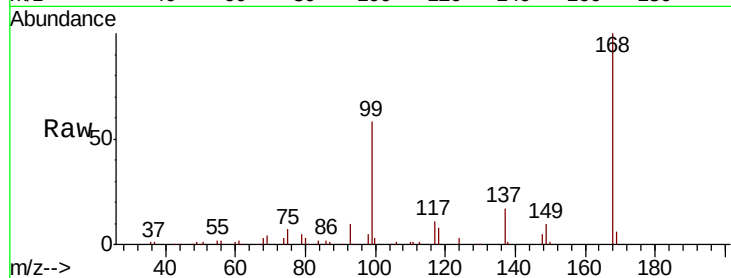
P026-SS008-0206-02RE

Tot Ion:168 Resp: 460304

Ion Ratio Lower Upper

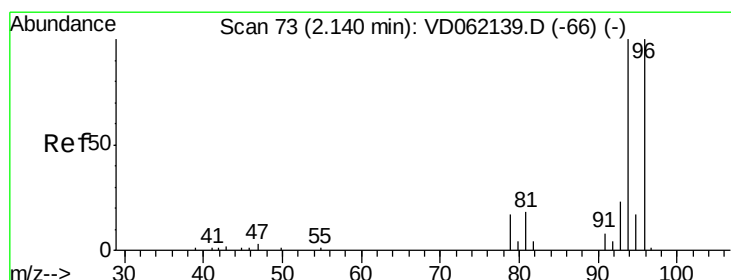
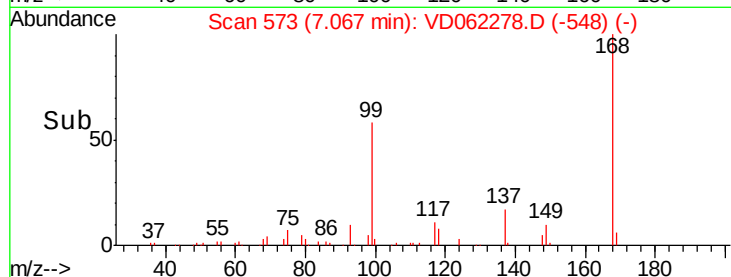
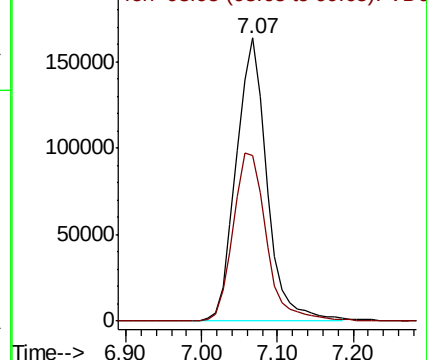
168 100

99 58.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 2.203 ug/l

RT: 2.10 min Scan# 68

Delta R.T. -0.04 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

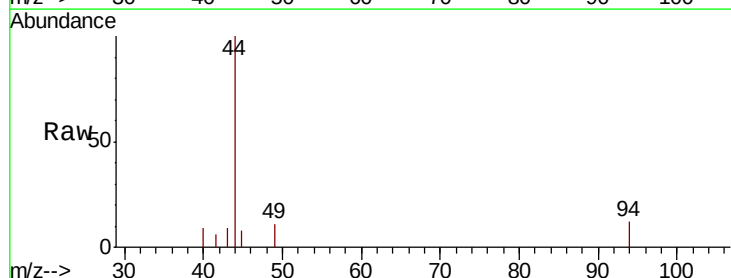
Tgt Ion: 94 Resp: 1614

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

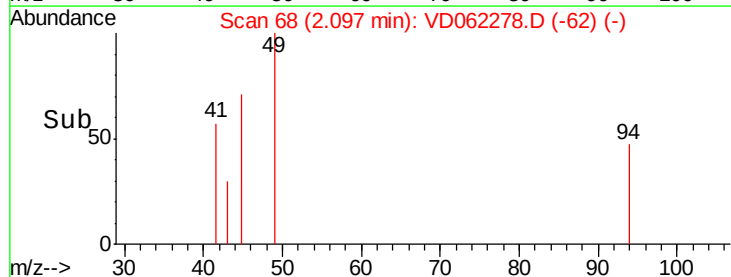
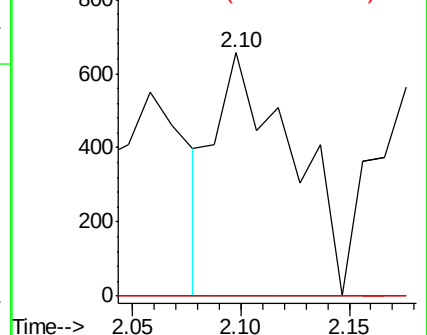
93 0.0 18.5 27.7#

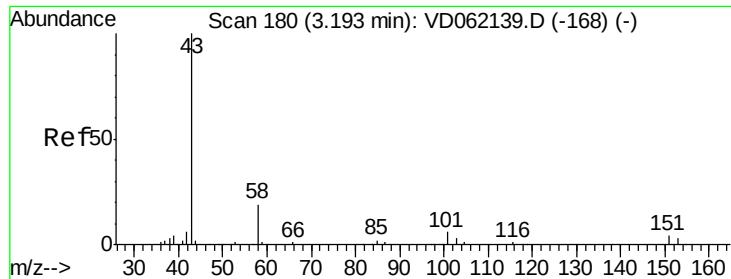


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 78.954 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.04 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

Instrument :

MSVOA_D

ClientSampleId :

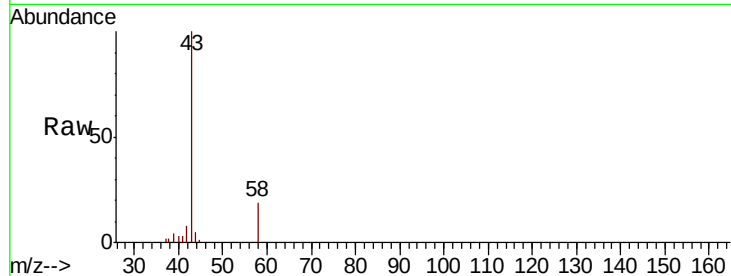
P026-SS008-0206-02RE

Tot Ion: 43 Resp: 70827

Ion Ratio Lower Upper

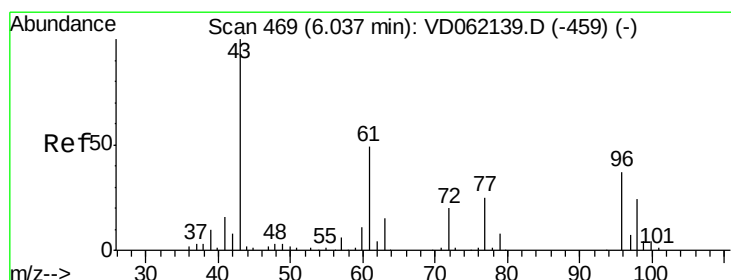
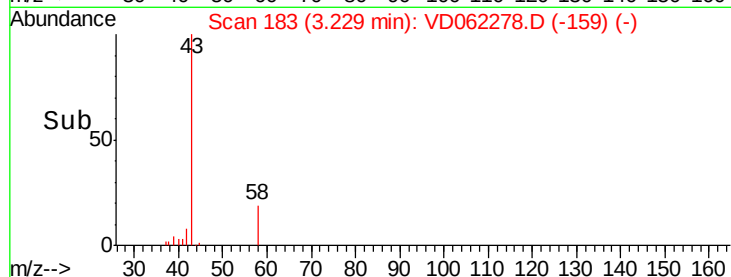
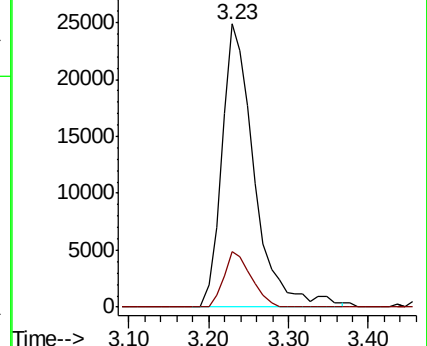
43 100

58 19.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#25

2-Butanone

Concen: 4.144 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.06 min

Lab File: VD062278.D

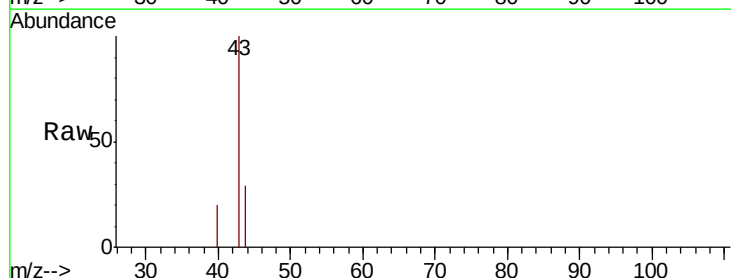
Acq: 13 May 2019 1:27

Tgt Ion: 43 Resp: 4055

Ion Ratio Lower Upper

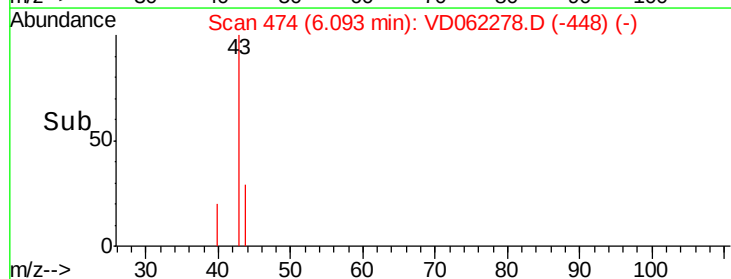
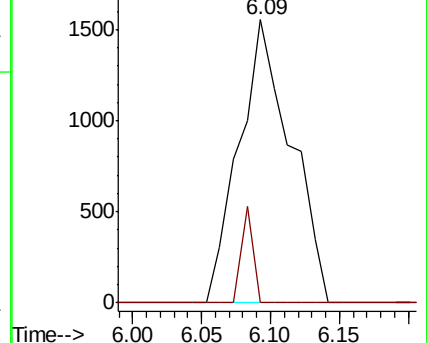
43 100

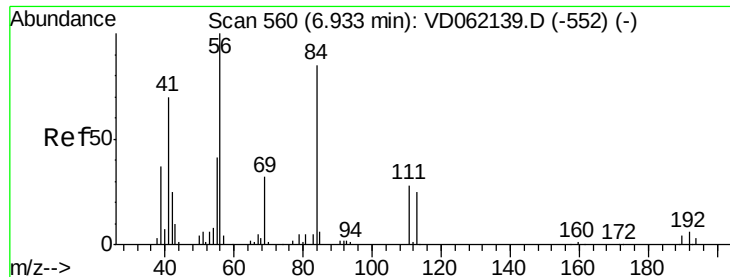
72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

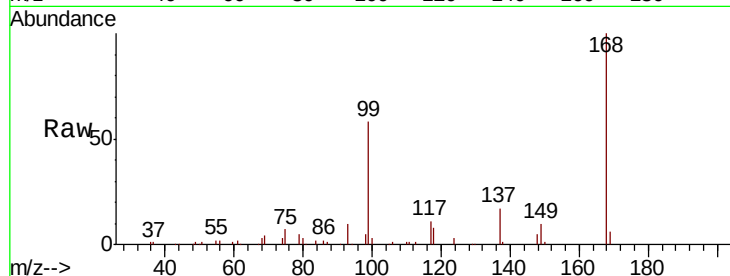




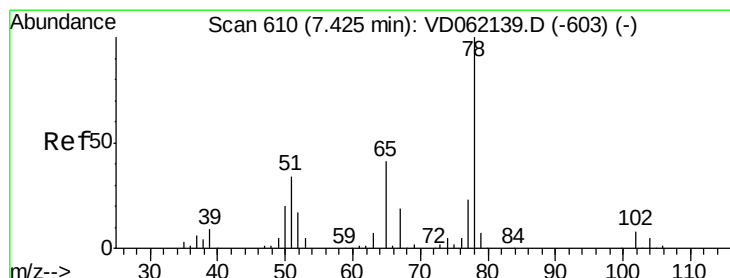
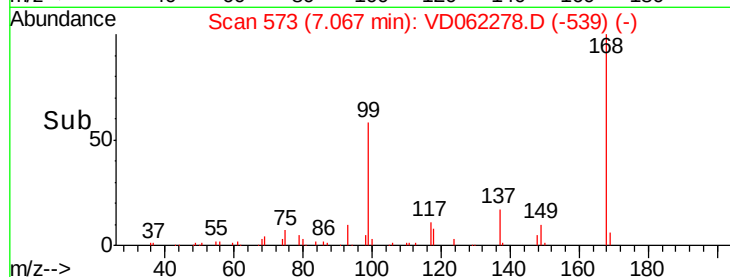
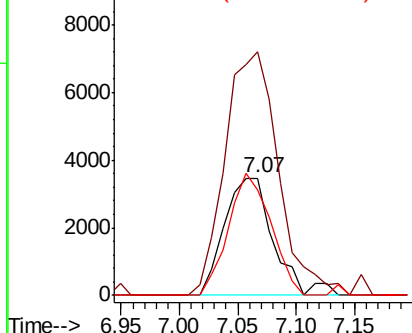
#31
Cvclohexane
Concen: 2.263 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062278.D
Acq: 13 May 2019 1:27

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-0206-02RE

Tot Ion: 56 Resp: 10155
Ion Ratio Lower Upper
56 100
69 207.2 25.8 38.6#
84 89.5 72.2 108.4

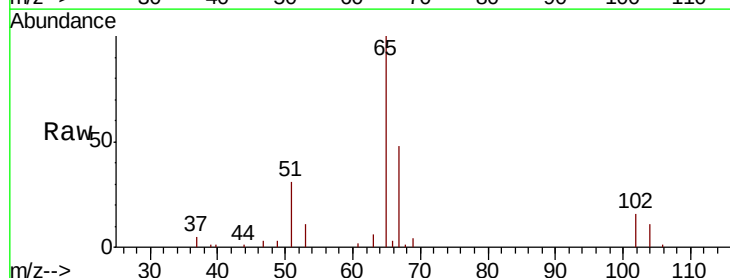


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

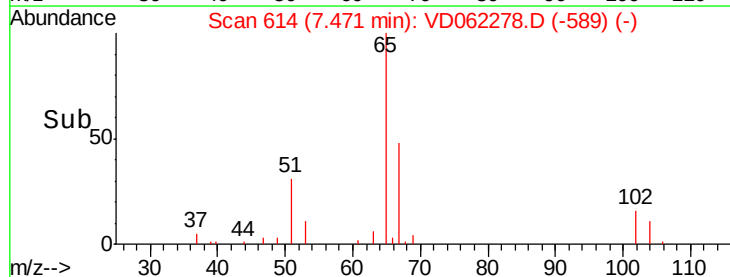
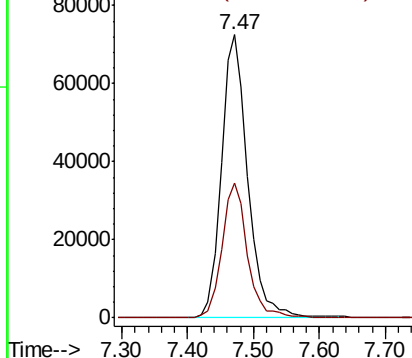


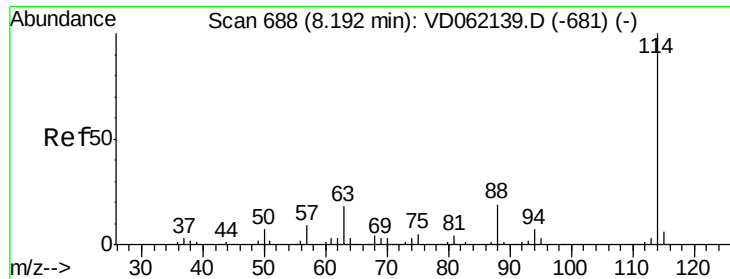
#33
1,2-Dichloroethane-d4
Concen: 47.202 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.05 min
Lab File: VD062278.D
Acq: 13 May 2019 1:27

Tgt Ion: 65 Resp: 201913
Ion Ratio Lower Upper
65 100
67 47.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

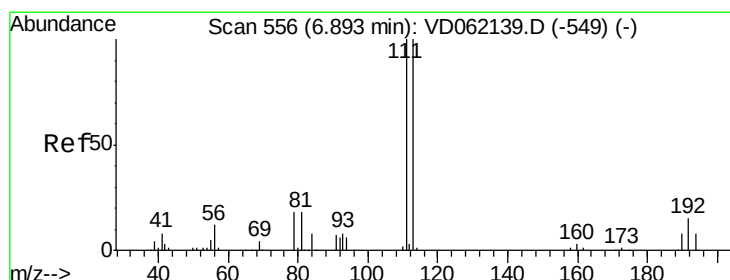
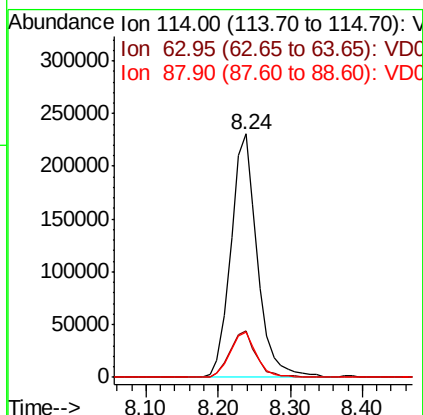
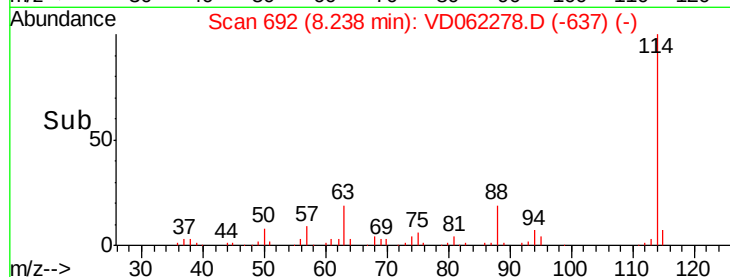
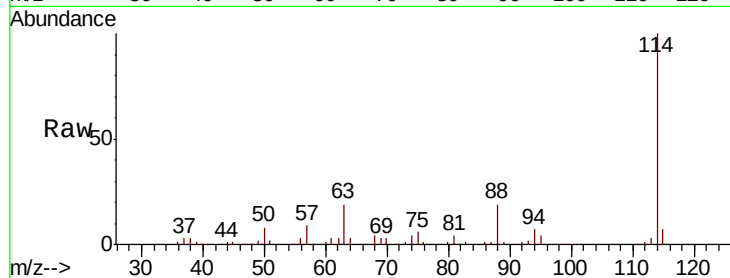




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD062278.D
 Acq: 13 May 2019 1:27

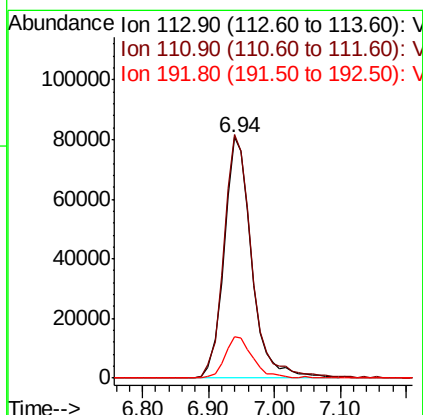
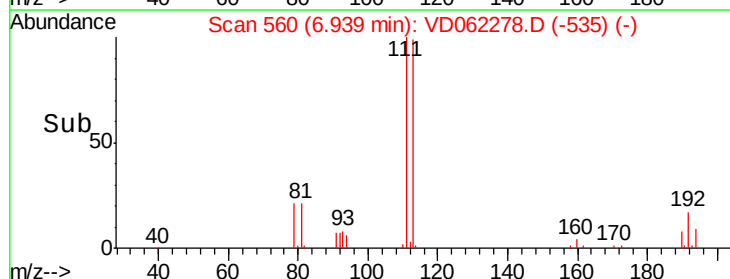
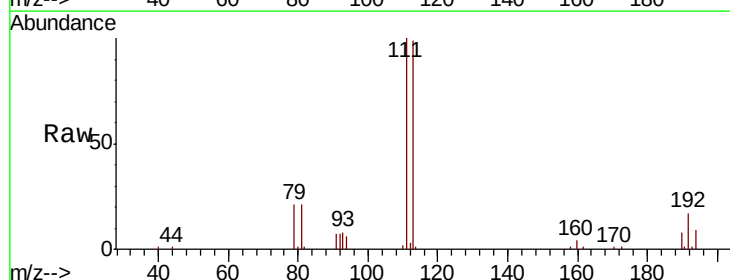
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-0206-02RE

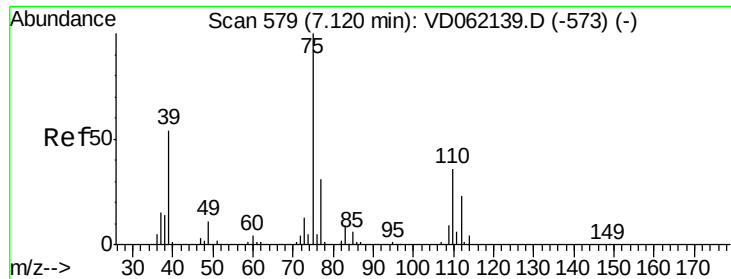
Tot Ion:114 Resp: 587402
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 32.4
 88 18.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 48.254 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.05 min
 Lab File: VD062278.D
 Acq: 13 May 2019 1:27

Tgt Ion:113 Resp: 235179
 Ion Ratio Lower Upper
 113 100
 111 101.0 78.5 117.7
 192 17.4 13.0 19.4

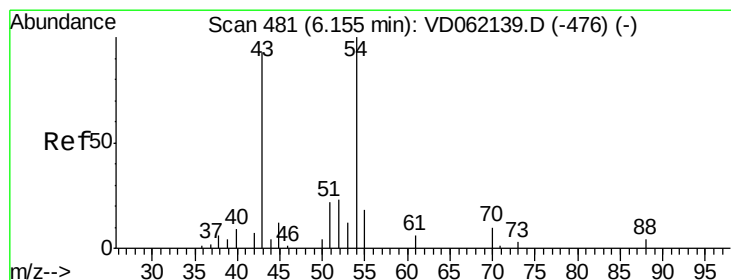
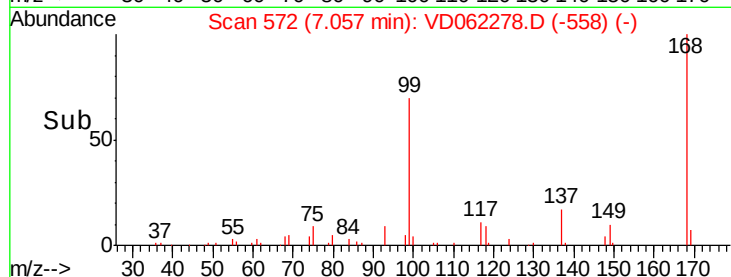
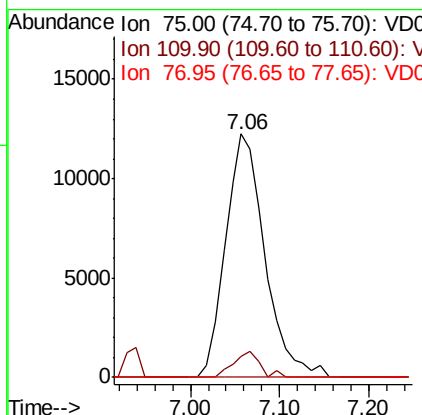
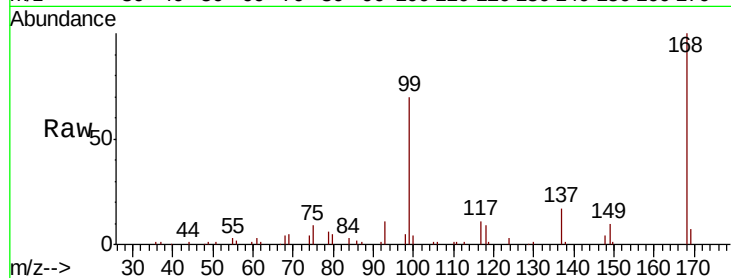




#36
 1,1-Dichloropropene
 Concen: 7.798 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD062278.D
 Acq: 13 May 2019 1:27

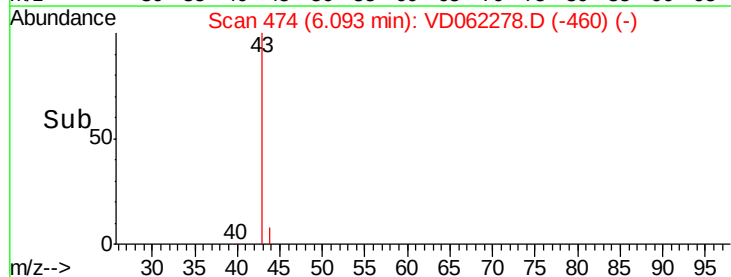
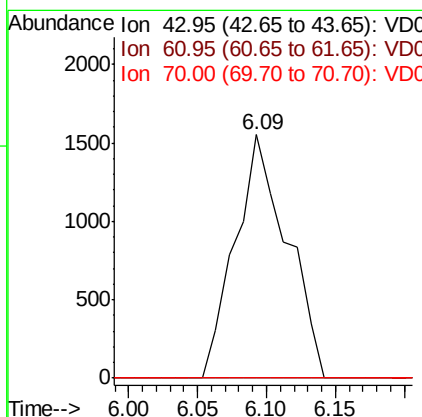
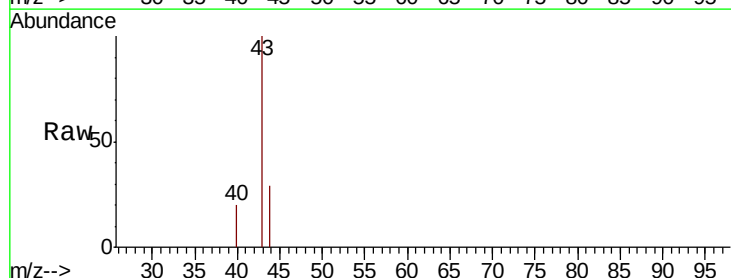
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-0206-02RE

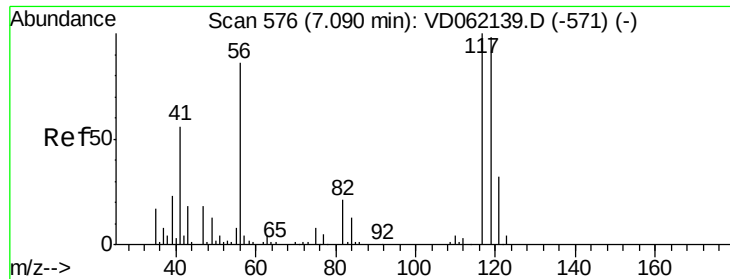
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.1	57.1#
77	0.0	25.6	38.4#



#37
 Ethyl Acetate
 Concen: 1.985 ug/l
 RT: 6.09 min Scan# 474
 Delta R.T. -0.06 min
 Lab File: VD062278.D
 Acq: 13 May 2019 1:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.7	22.1#
70	0.0	7.8	11.6#

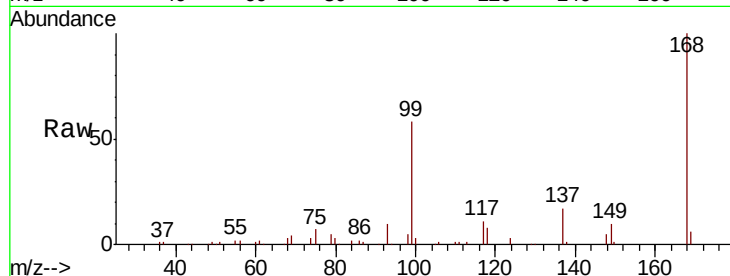




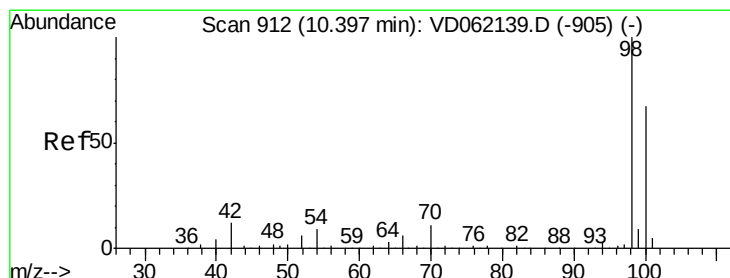
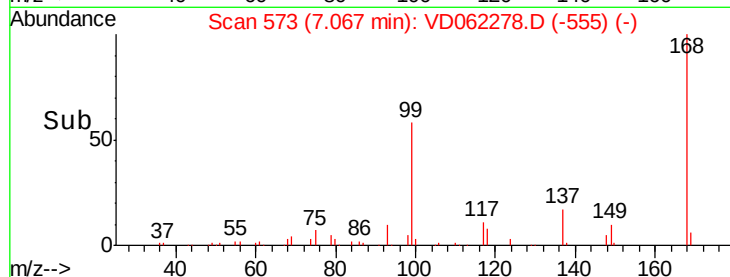
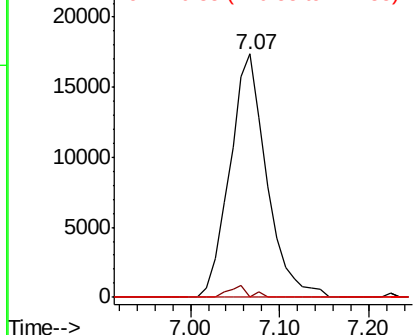
#38
Carbon Tetrachloride
Concen: 7.473 ug/l
RT: 7.07 min Scan# 573
Delta R.T. -0.02 min
Lab File: VD062278.D
Acq: 13 May 2019 1:27

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-0206-02RE

Tot Ion:117 Resp: 49816
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#

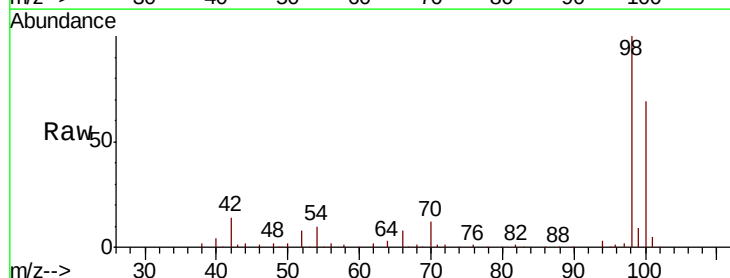


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

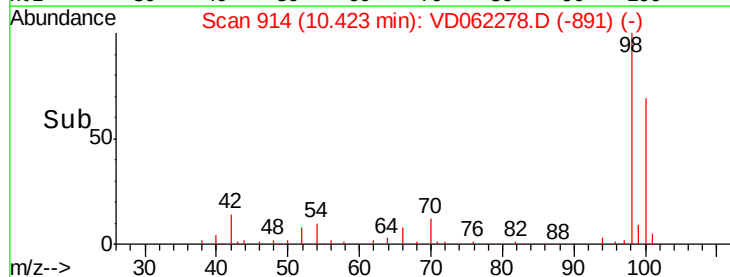
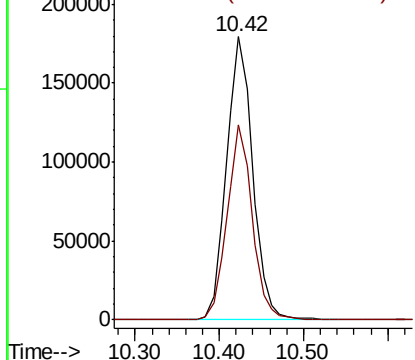


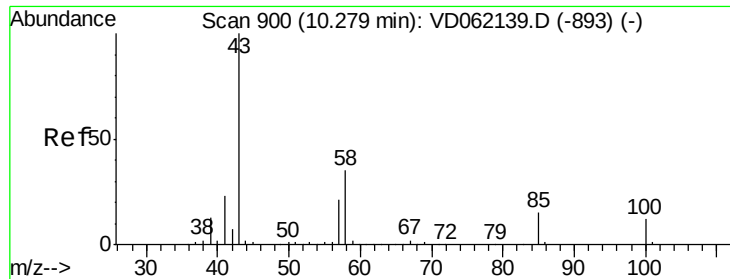
#50
Toluene-d8
Concen: 33.086 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062278.D
Acq: 13 May 2019 1:27

Tgt Ion: 98 Resp: 388797
Ion Ratio Lower Upper
98 100
100 69.1 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.141 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.14 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

Instrument :

MSVOA_D

ClientSampleId :

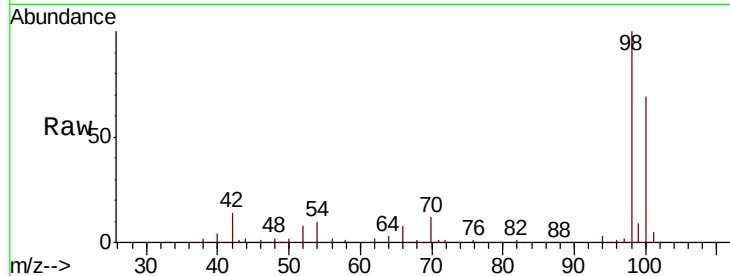
P026-SS008-0206-02RE

Tot Ion: 43 Resp: 2125

Ion Ratio Lower Upper

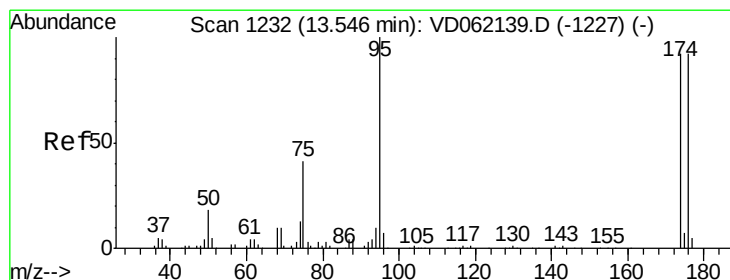
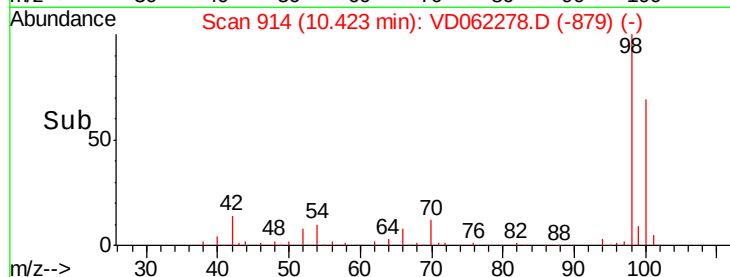
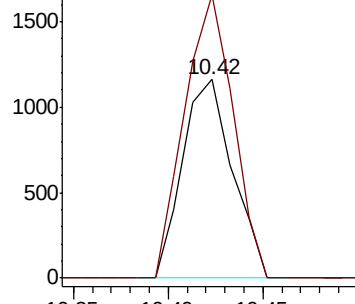
43 100

58 142.6 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 16.119 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

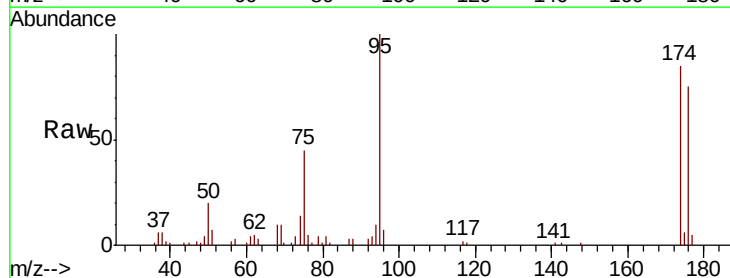
Tgt Ion: 95 Resp: 76062

Ion Ratio Lower Upper

95 100

174 84.5 0.0 181.8

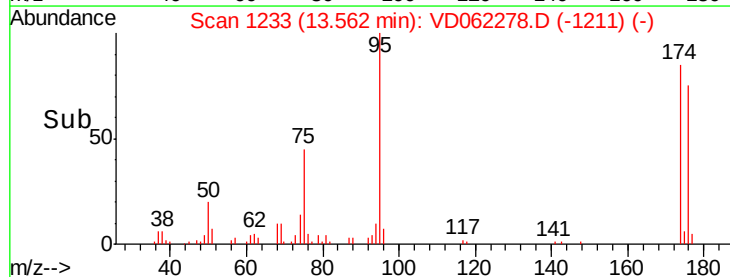
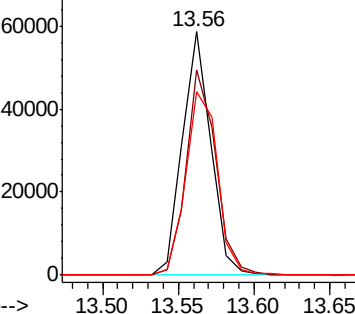
176 75.2 0.0 174.4

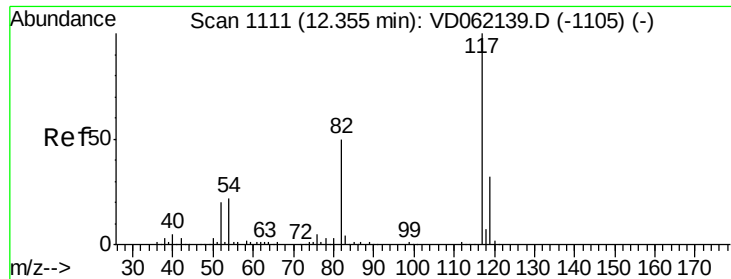


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

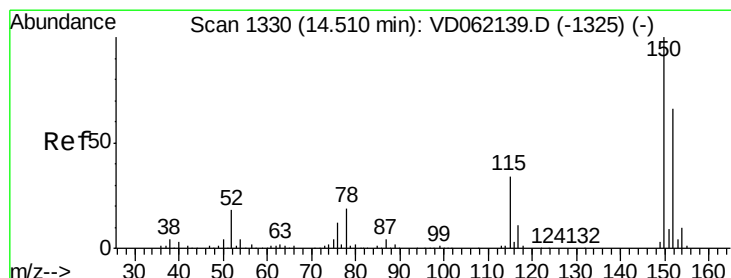
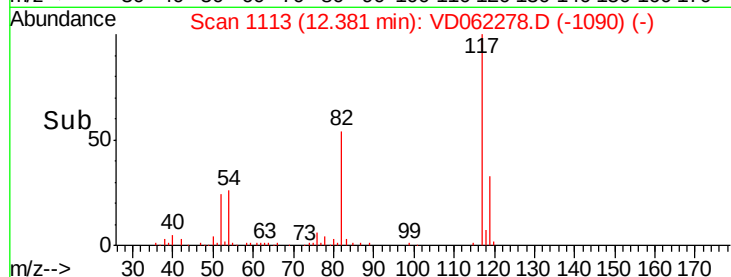
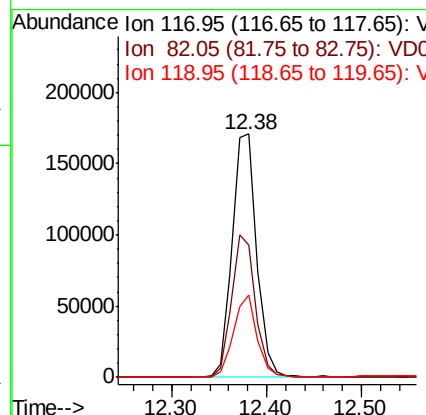
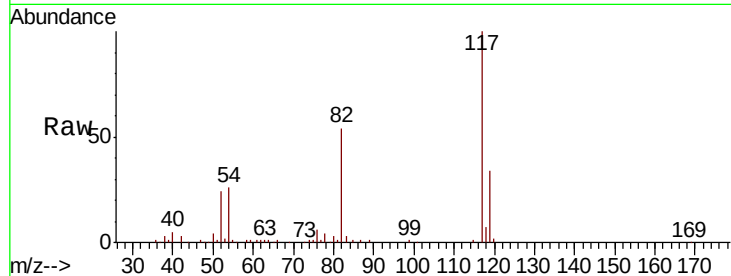




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062278.D
Acq: 13 May 2019 1:27

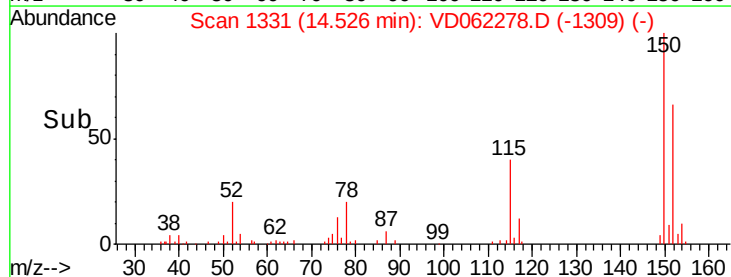
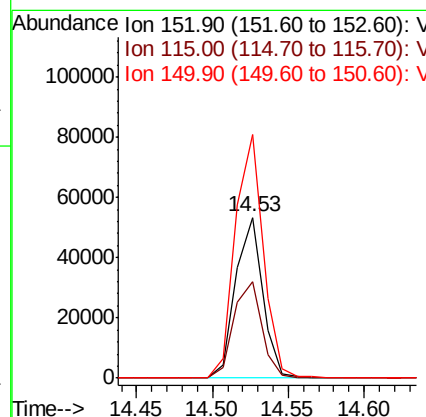
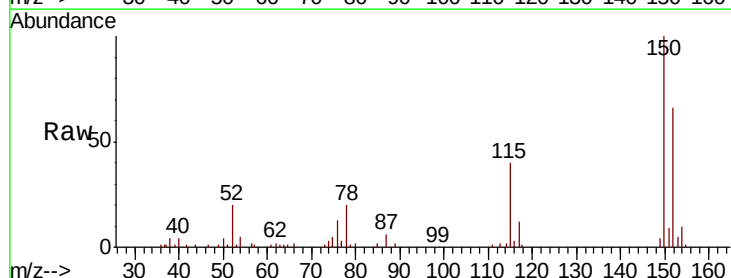
Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-0206-02RE

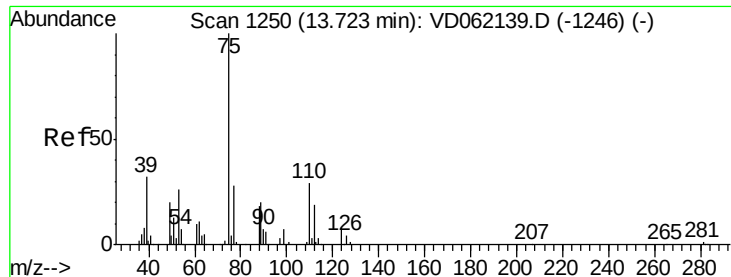
Tot Ion:117 Resp: 306784
Ion Ratio Lower Upper
117 100
82 54.3 36.2 54.2#
119 33.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062278.D
Acq: 13 May 2019 1:27

Tgt Ion:152 Resp: 66623
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.7
150 151.7 0.0 314.8





#76

1,2,3-Trichloropropane

Concen: 43.706 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

Instrument :

MSVOA_D

ClientSampleId :

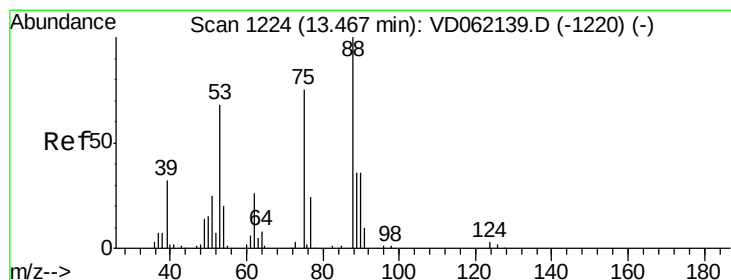
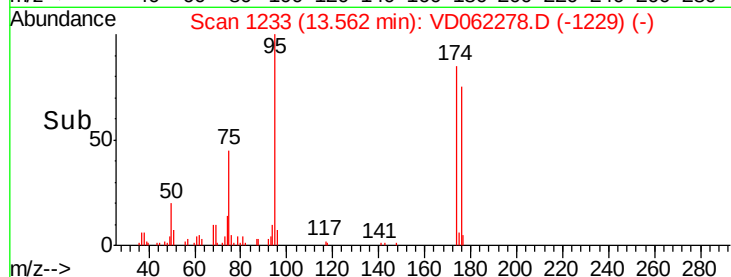
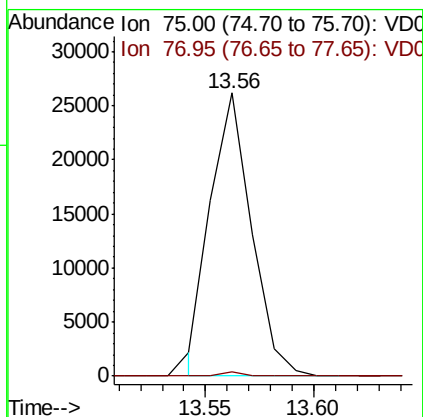
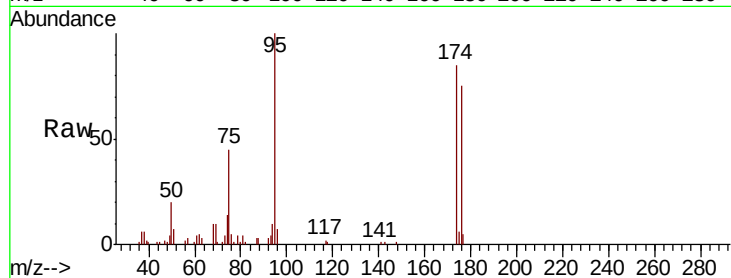
P026-SS008-0206-02RE

Tot Ion: 75 Resp: 34605

Ion Ratio Lower Upper

75 100

77 1.3 16.4 49.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.515 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VD062278.D

Acq: 13 May 2019 1:27

Tgt Ion: 75 Resp: 35878

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

