

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062277.D
 Acq On : 13 May 2019 00:59
 Operator : FY/SY
 Sample : K2718-07RE
 Misc : 6.11g/5mL/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1824-01

Quant Time: May 13 03:17:08 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	441560	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	640500	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	372547	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	104394	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	243771	59.41	ug/l	0.04
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	6.94	113	282176	53.10	ug/l	0.04
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	10.42	98	455432	35.54	ug/l	0.03
Spiked Amount			Recovery	=	71.08%	
62) 4-Bromofluorobenzene	13.56	95	115164	22.38	ug/l	0.02
Spiked Amount			Recovery	=	44.76%	

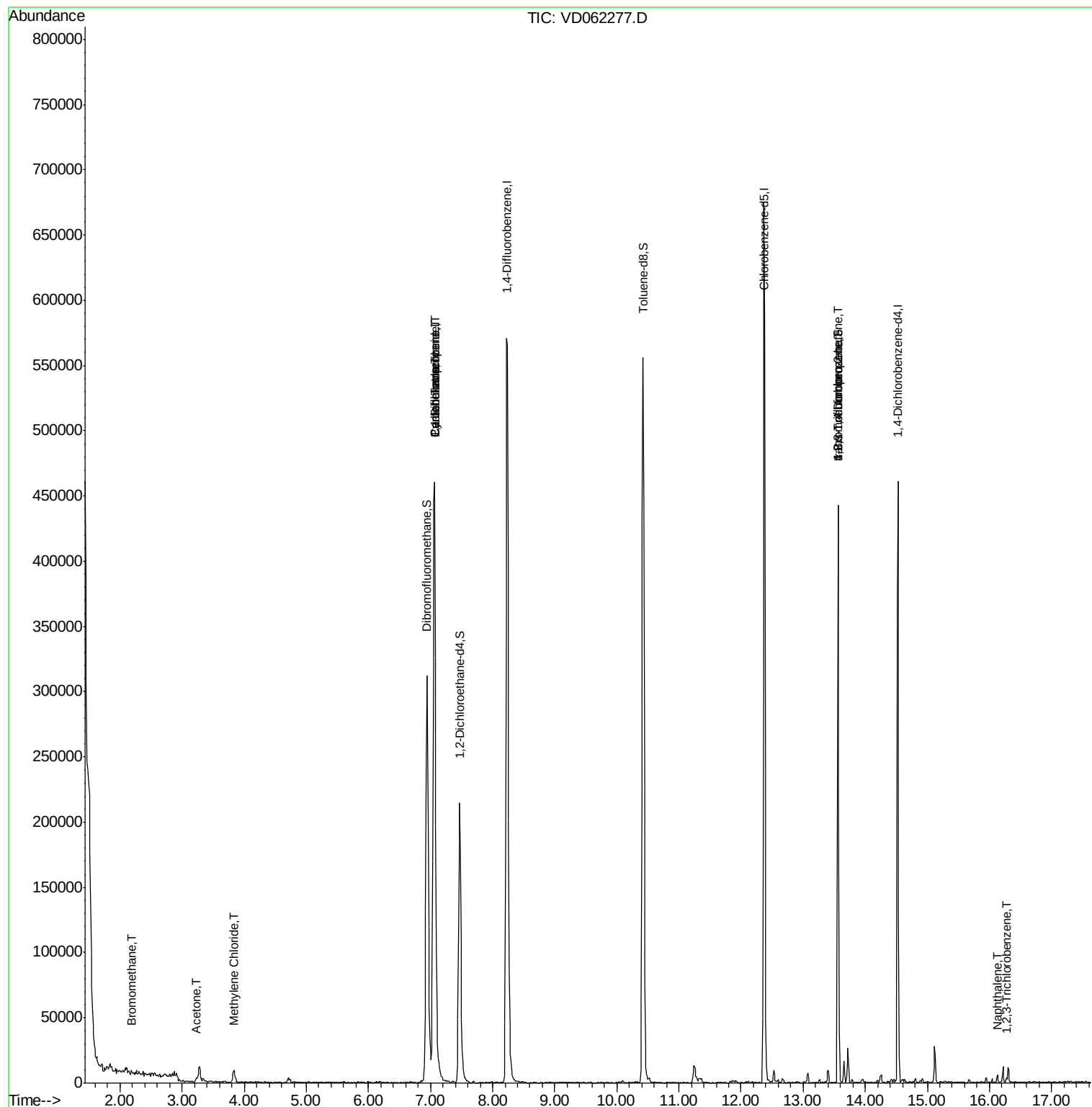
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	1430	2.035	ug/l #	54
16) Acetone	3.23	43	7577	8.805	ug/l #	83
20) Methylene Chloride	3.84	84	6740	1.876	ug/l	92
31) Cyclohexane	7.07	56	10085	2.342	ug/l #	2
36) 1,1-Dichloropropene	7.06	75	33310	6.343	ug/l #	47
38) Carbon Tetrachloride	7.07	117	44556	6.130	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	50808	40.953	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	52721	150.529	ug/l #	16
95) Naphthalene	16.13	128	4399	1.643	ug/l #	82
96) 1,2,3-Trichlorobenzene	16.28	180	1464	1.214	ug/l #	61

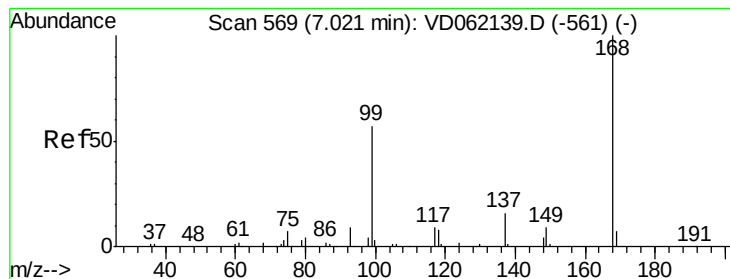
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062277.D
Acq On : 13 May 2019 00:59
Operator : FY/SY
Sample : K2718-07RE
Misc : 6.11g/5mL/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1824-01

Quant Time: May 13 03:17:08 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. 0.04 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

Instrument :

MSVOA_D

ClientSampleId :

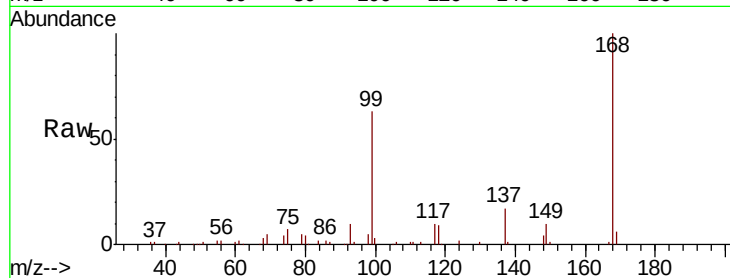
P026-SS005-1824-01

Tot Ion:168 Resp: 441560

Ion Ratio Lower Upper

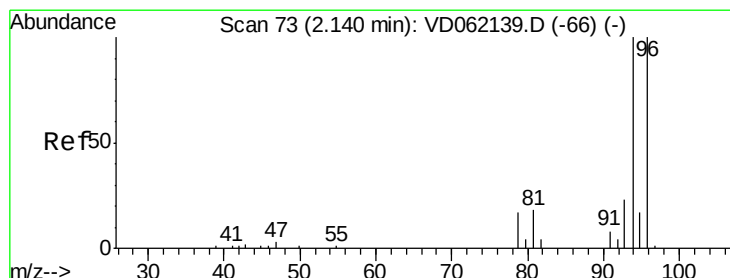
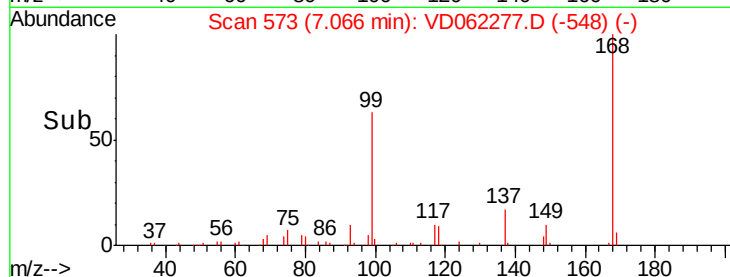
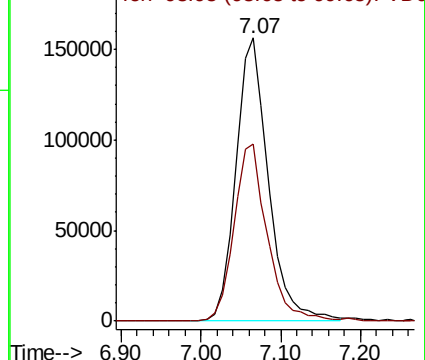
168 100

99 62.6 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: 2.035 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

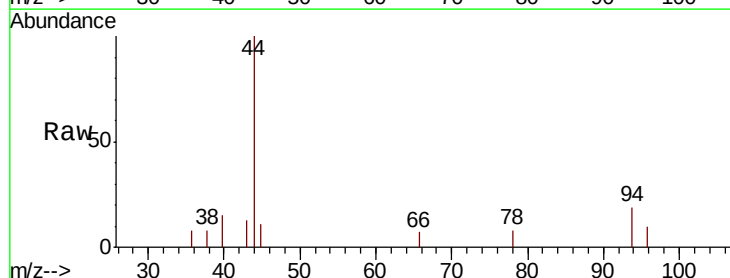
Tgt Ion: 94 Resp: 1430

Ion Ratio Lower Upper

94 100

96 51.8 76.6 115.0#

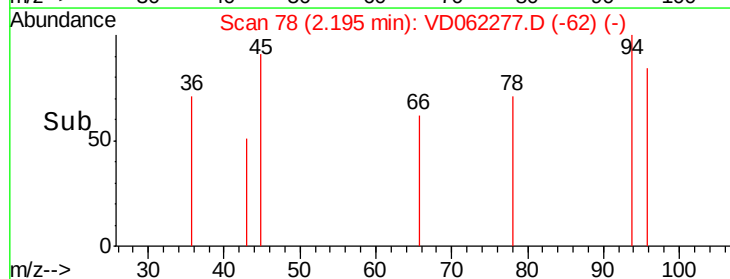
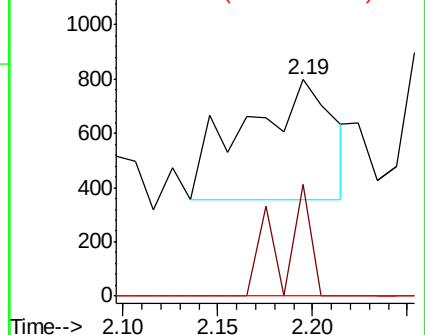
93 0.0 18.5 27.7#

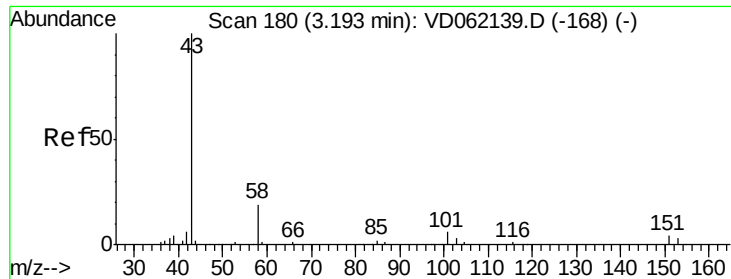


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 8.805 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

Instrument :

MSVOA_D

ClientSampleId :

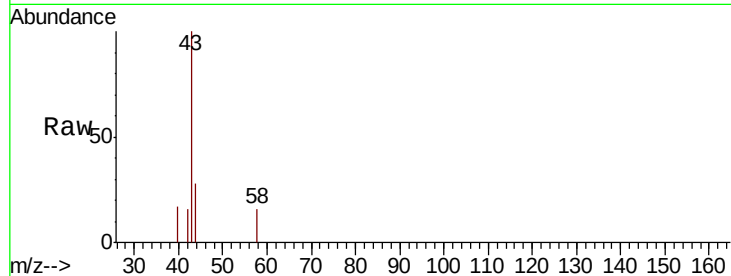
P026-SS005-1824-01

Tot Ion: 43 Resp: 7577

Ion Ratio Lower Upper

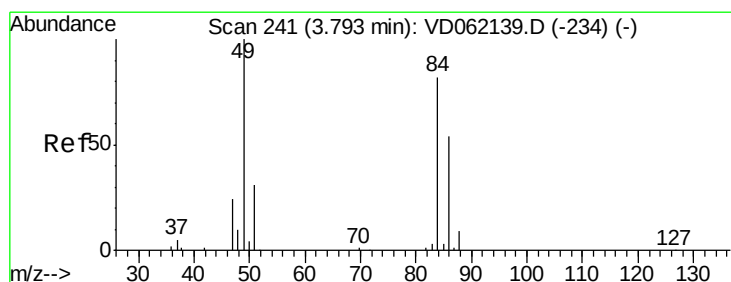
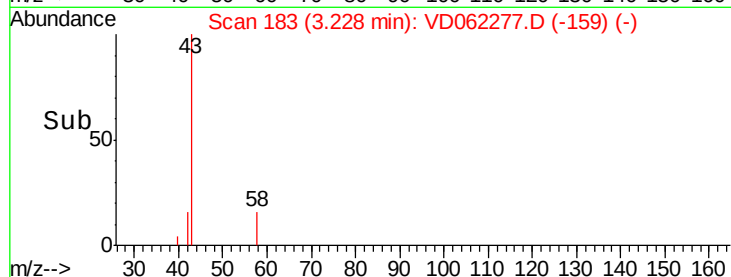
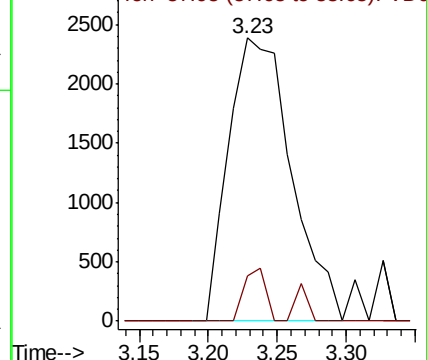
43 100

58 16.2 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: 1.876 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

Tgt Ion: 84 Resp: 6740

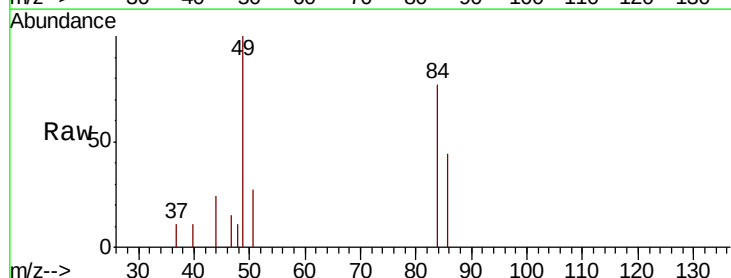
Ion Ratio Lower Upper

84 100

49 129.4 94.0 141.0

51 35.4 29.0 43.4

86 57.4 49.8 74.6

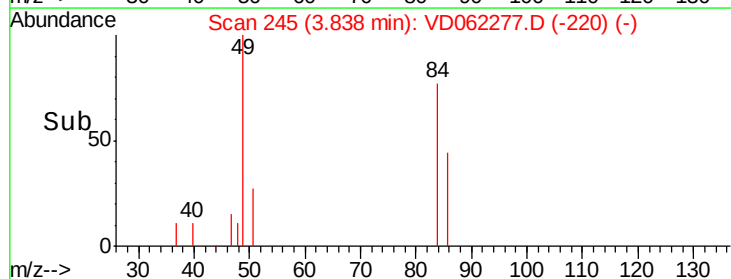
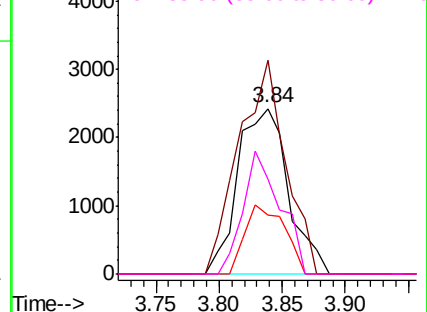


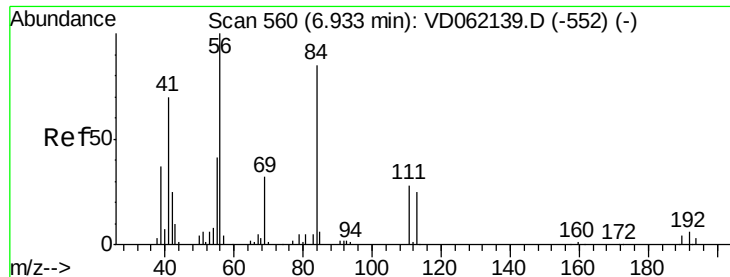
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

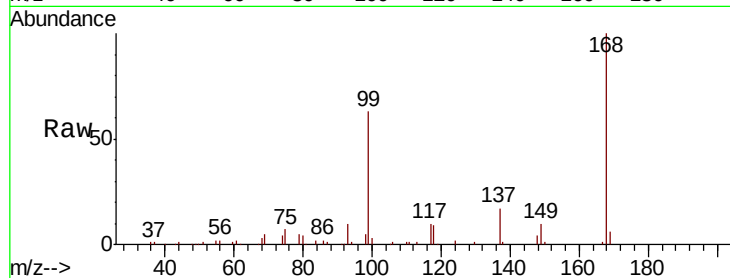




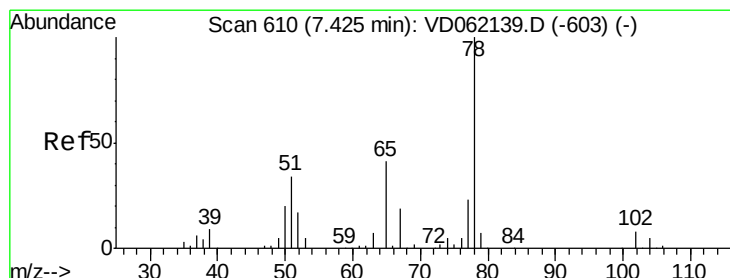
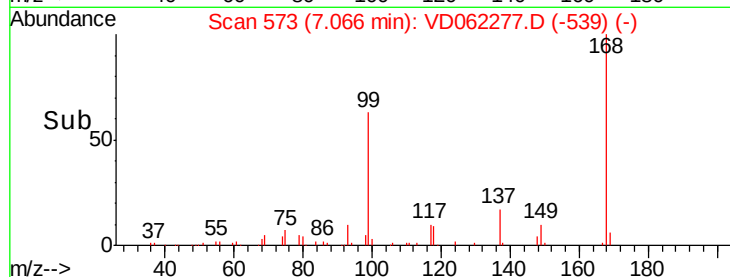
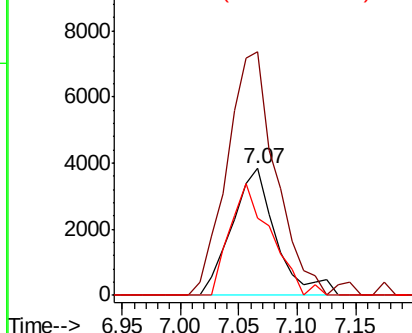
#31
Cyclohexane
Concen: 2.342 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1824-01

Tot Ion: 56 Resp: 10085
Ion Ratio Lower Upper
56 100
69 191.6 25.8 38.6#
84 61.2 72.2 108.4#

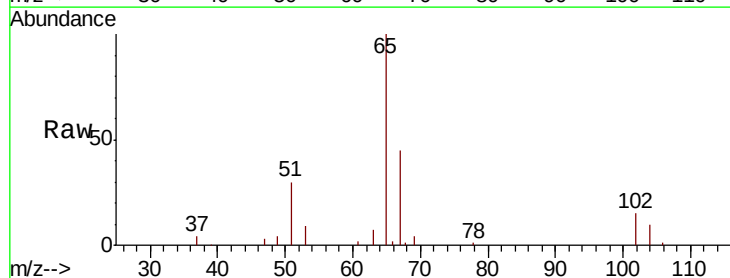


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

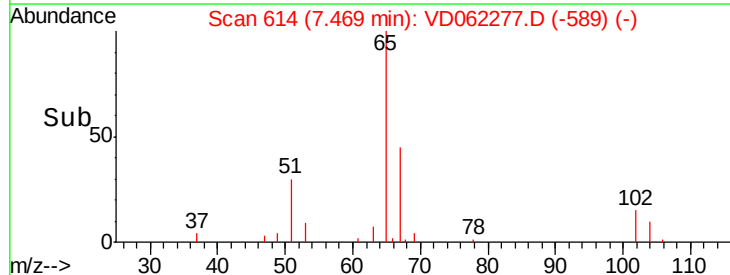
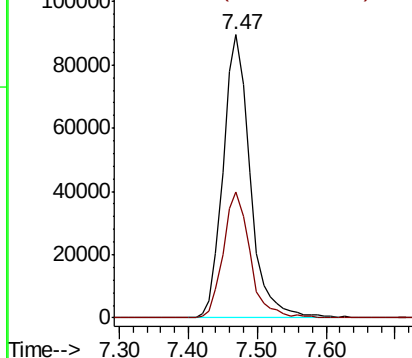


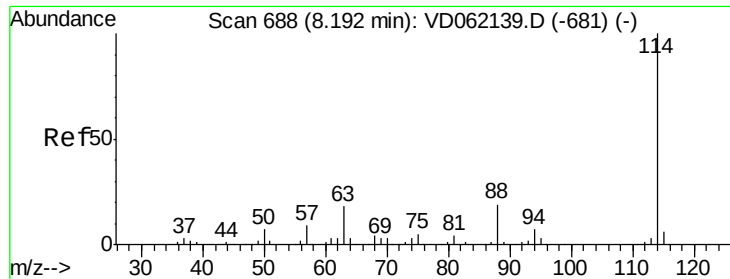
#33
1,2-Dichloroethane-d4
Concen: 59.406 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Tgt Ion: 65 Resp: 243771
Ion Ratio Lower Upper
65 100
67 44.7 0.0 98.0



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

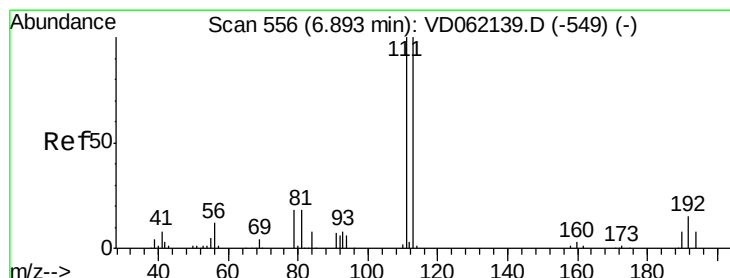
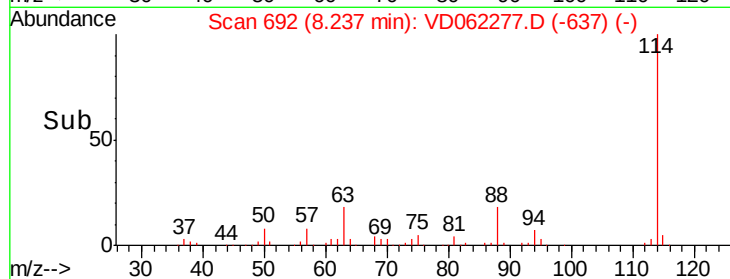
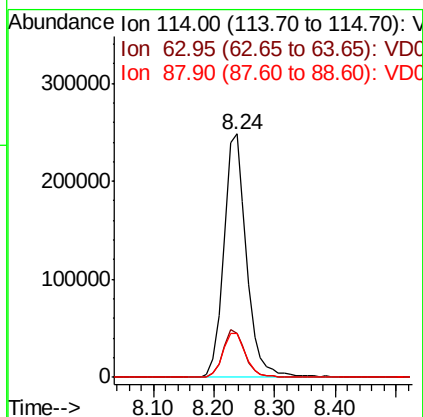
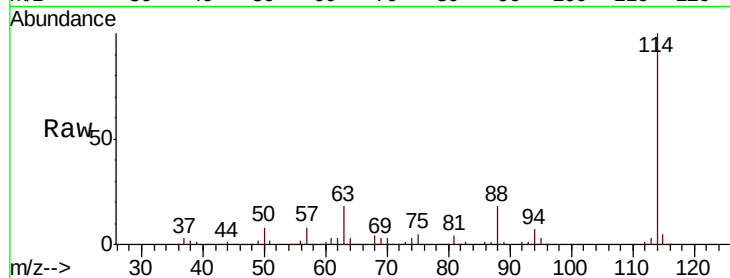




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062277.D
 Acq: 13 May 2019 00:59

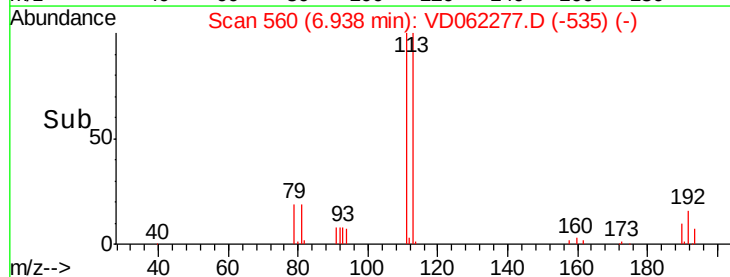
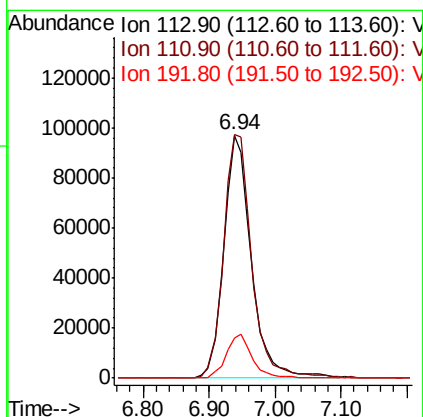
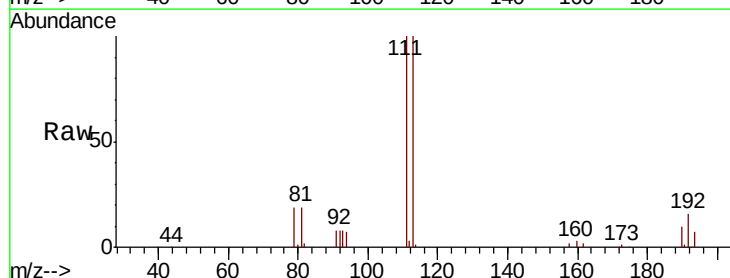
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1824-01

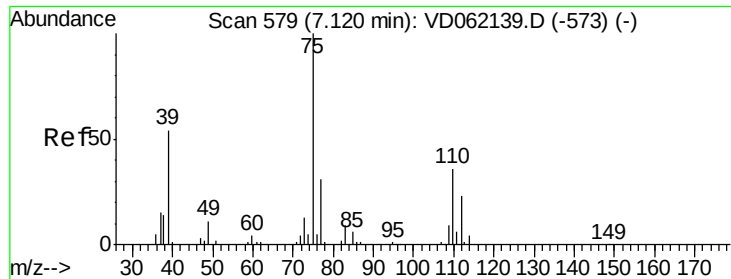
Tot Ion:	114	Resp:	640500
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	32.4
88	17.9	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 53.097 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062277.D
 Acq: 13 May 2019 00:59

Tgt Ion:	113	Resp:	282176
Ion	Ratio	Lower	Upper
113	100		
111	100.4	78.5	117.7
192	16.3	13.0	19.4

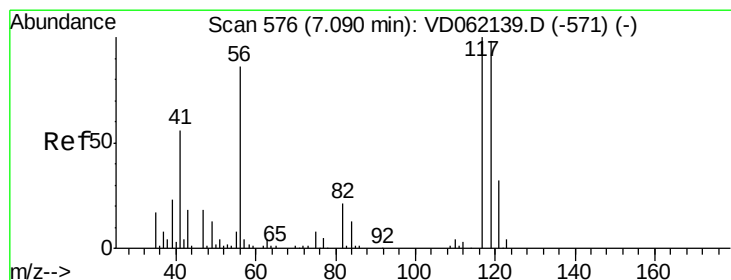
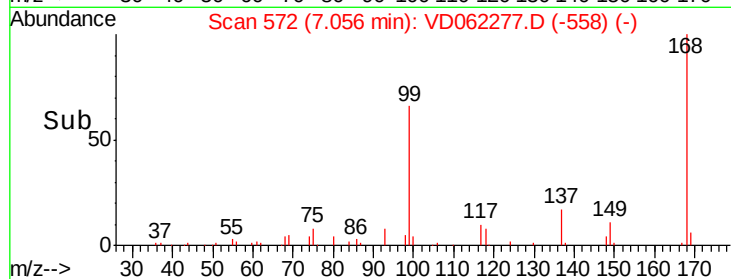
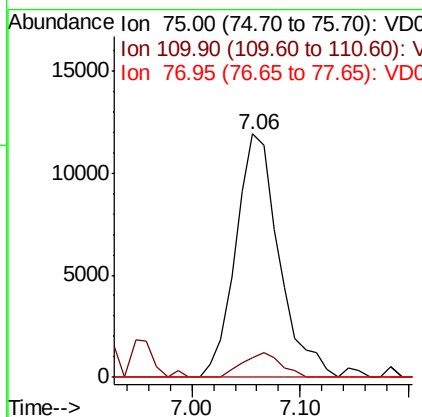
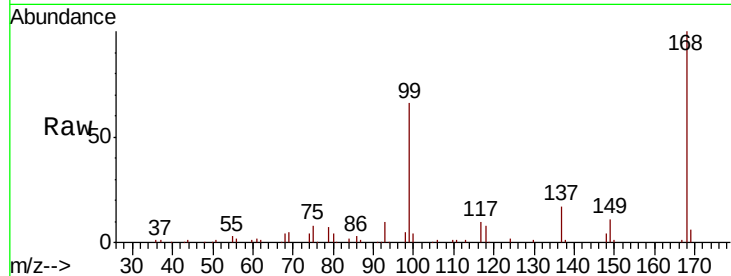




#36
 1,1-Dichloropropene
 Concen: 6.343 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD062277.D
 Acq: 13 May 2019 00:59

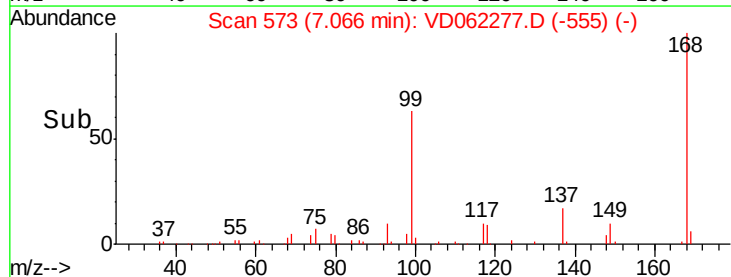
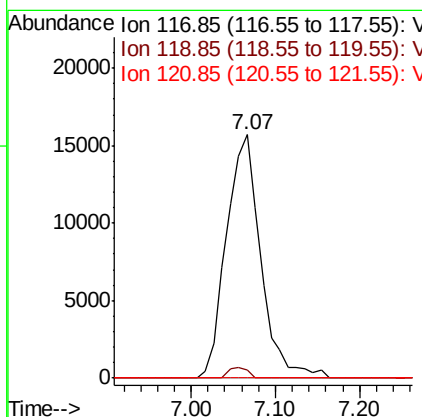
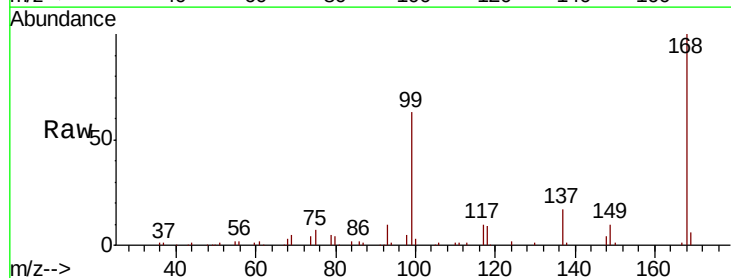
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1824-01

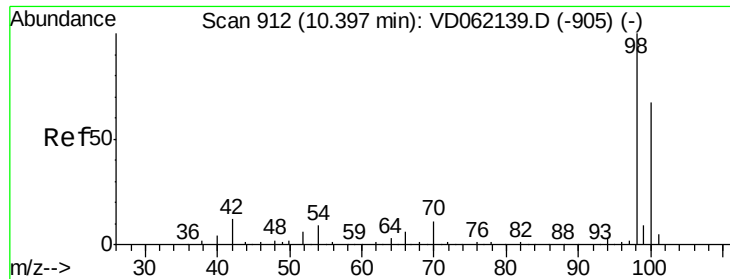
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.130 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: VD062277.D
 Acq: 13 May 2019 00:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.2	75.8	113.8#
121	0.0	25.9	38.9#

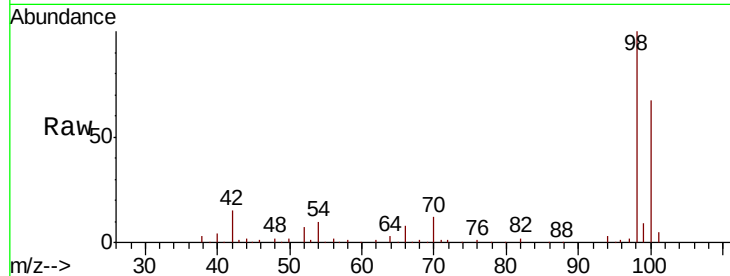




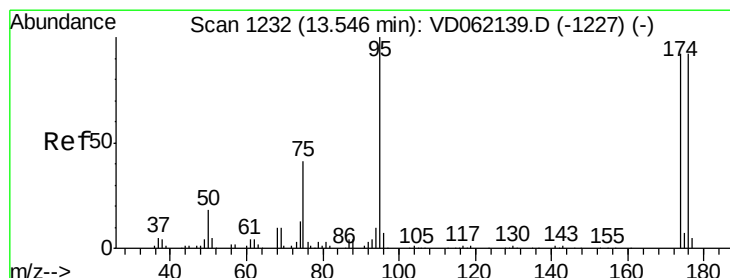
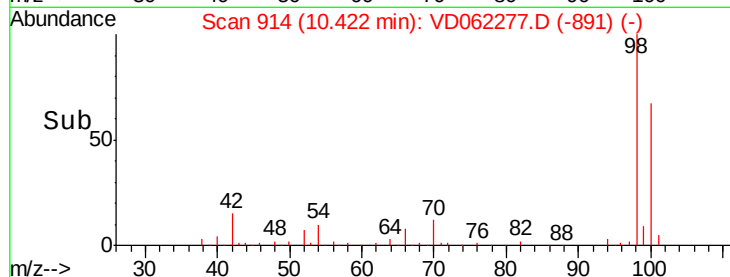
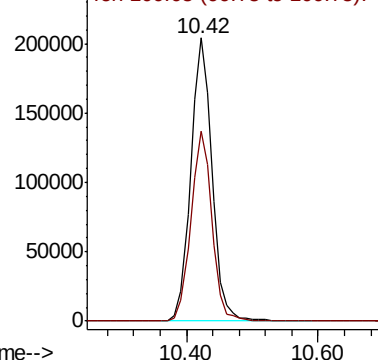
#50
Toluene-d8
Concen: 35.544 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1824-01

Tot Ion: 98 Resp: 455432
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.8

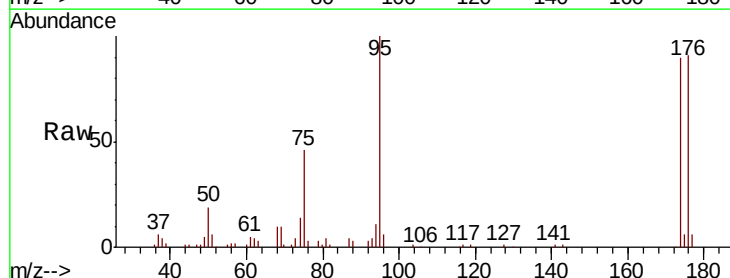


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

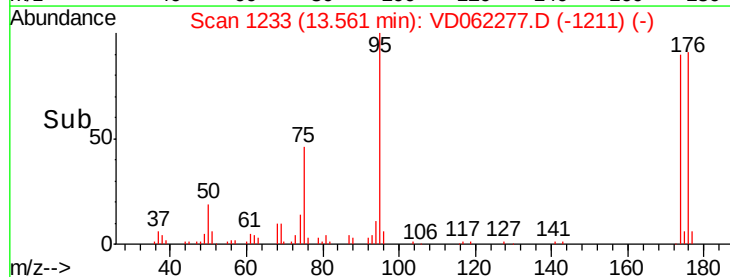
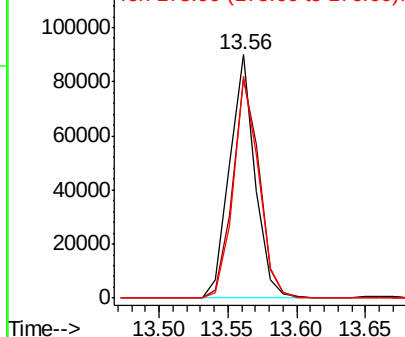


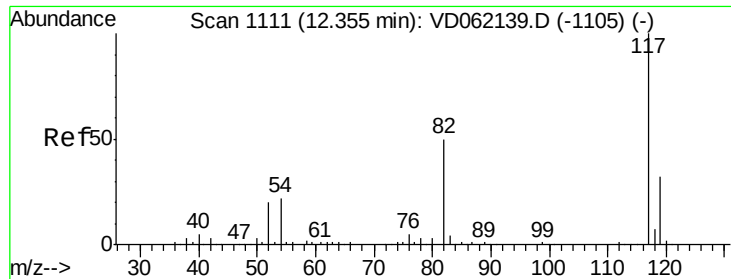
#62
4-Bromofluorobenzene
Concen: 22.382 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Tgt Ion: 95 Resp: 115164
Ion Ratio Lower Upper
95 100
174 90.0 0.0 181.8
176 90.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

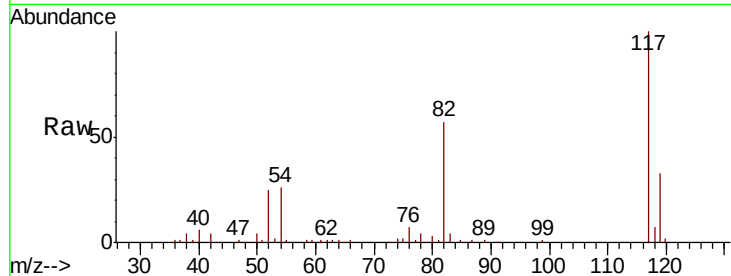




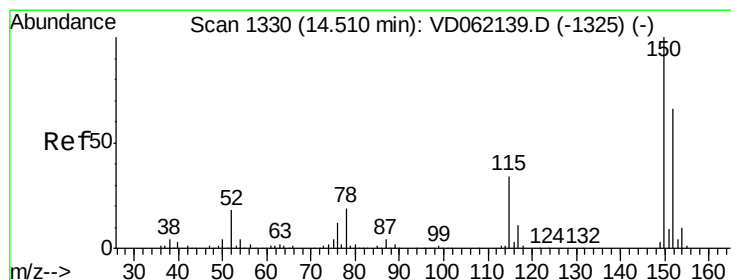
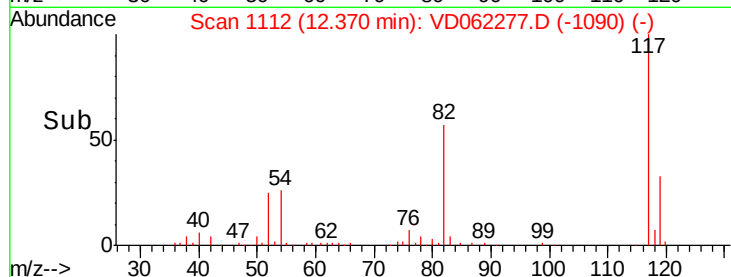
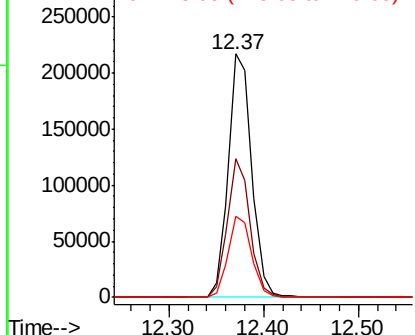
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1824-01

Tot Ion:117 Resp: 372547
Ion Ratio Lower Upper
117 100
82 56.8 36.2 54.2#
119 33.2 26.2 39.4

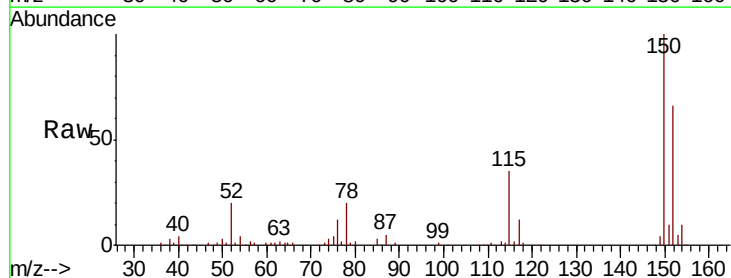


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

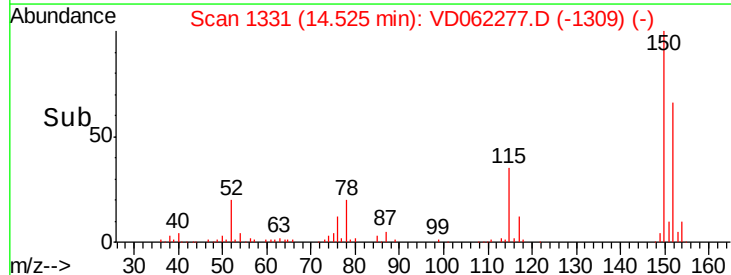
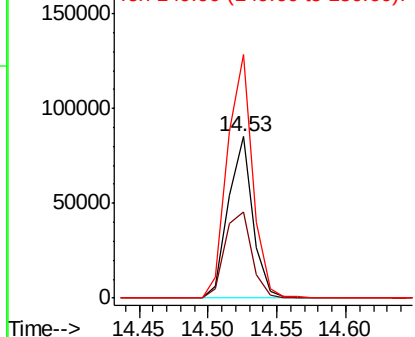


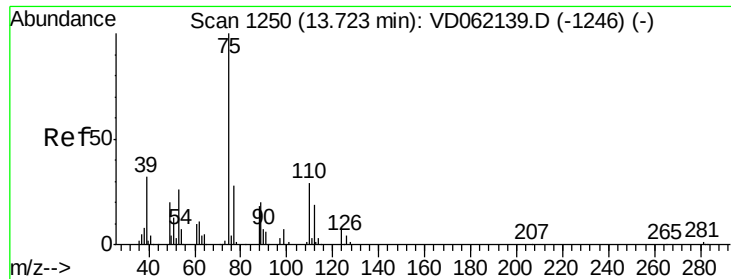
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Tgt Ion:152 Resp: 104394
Ion Ratio Lower Upper
152 100
115 53.0 30.9 92.7
150 150.9 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: 40.953 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

Instrument :

MSVOA_D

ClientSampleId :

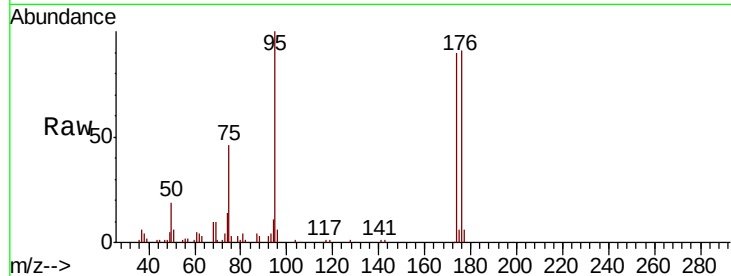
P026-SS005-1824-01

Tot Ion: 75 Resp: 50808

Ion Ratio Lower Upper

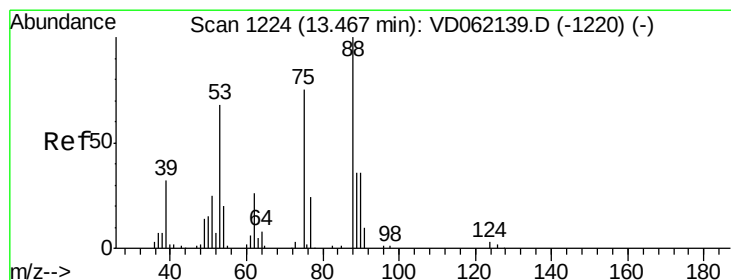
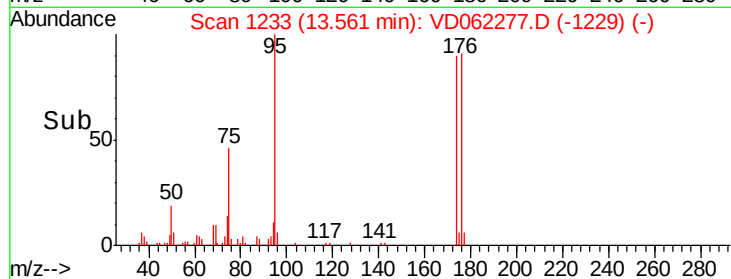
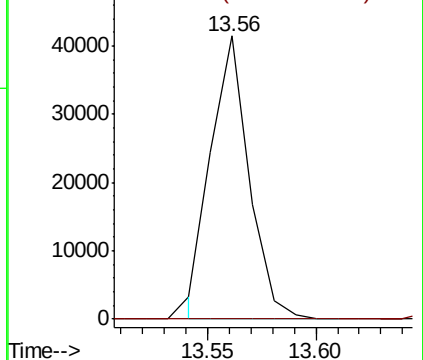
75 100

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: 150.529 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062277.D

Acq: 13 May 2019 00:59

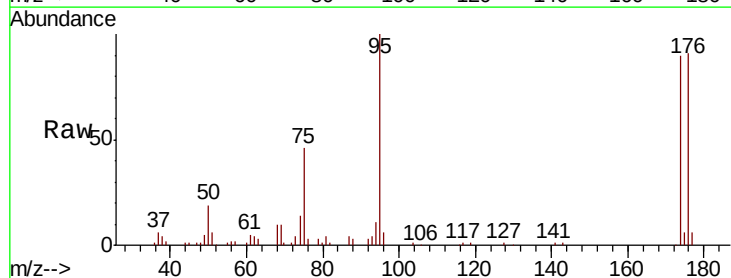
Tgt Ion: 75 Resp: 52721

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

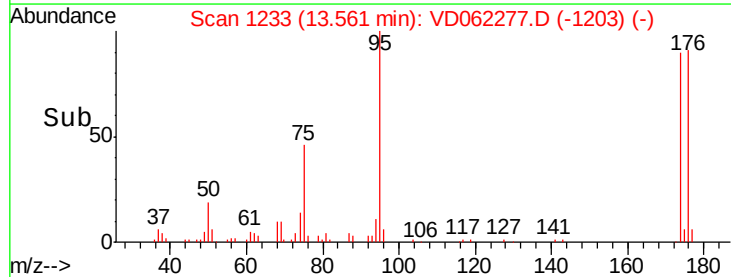
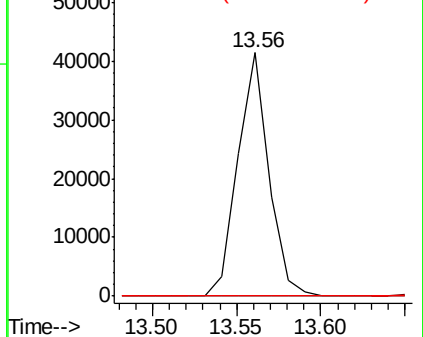
89 0.0 35.0 52.6#

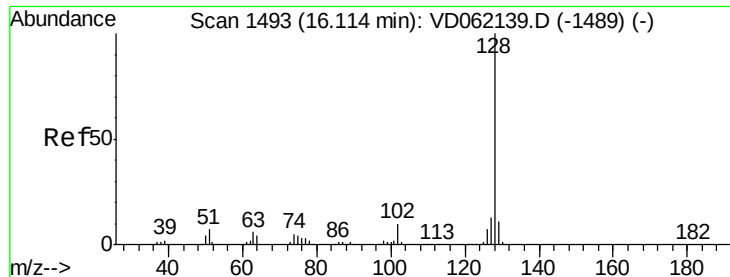


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

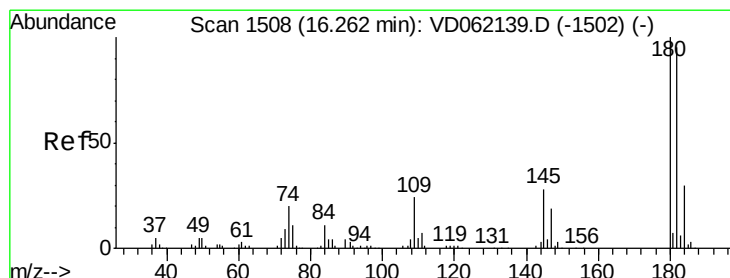
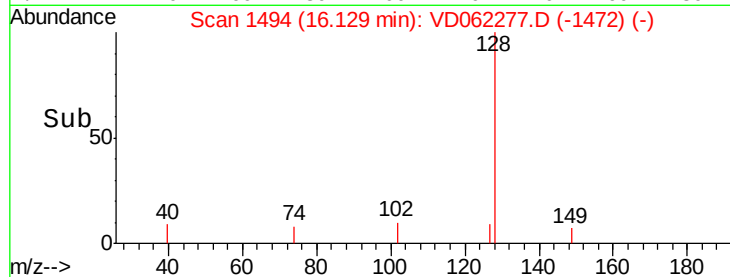
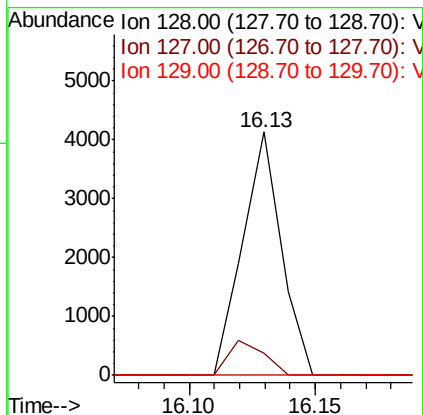
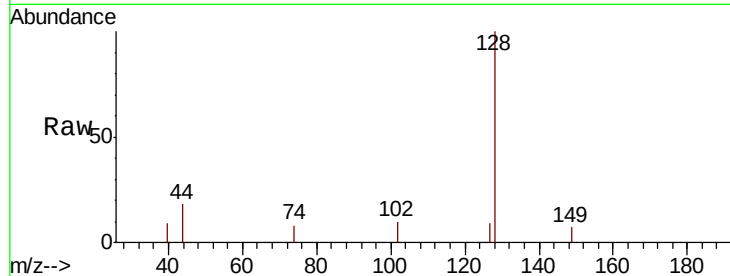




#95
Naphthalene
Concen: 1.643 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1824-01

Tot Ion:128 Resp: 4399
Ion Ratio Lower Upper
128 100
127 9.1 9.8 14.8#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.214 ug/l
RT: 16.28 min Scan# 1509
Delta R.T. 0.02 min
Lab File: VD062277.D
Acq: 13 May 2019 00:59

Tgt Ion:180 Resp: 1464
Ion Ratio Lower Upper
180 100
182 63.5 47.0 141.0
145 0.0 17.0 51.0#

