

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065894.D
 Acq On : 29 Jun 2020 18:44
 Operator : VA/SY
 Sample : L3153-16
 Misc : 5.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-C

Quant Time: Jun 30 04:13:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	117955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	202394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	155021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	45113	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	70386	57.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.88%	
35) Dibromofluoromethane	7.91	113	67375	53.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.72%	
50) Toluene-d8	10.34	98	215905	45.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.64	95	52966	34.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.72%	

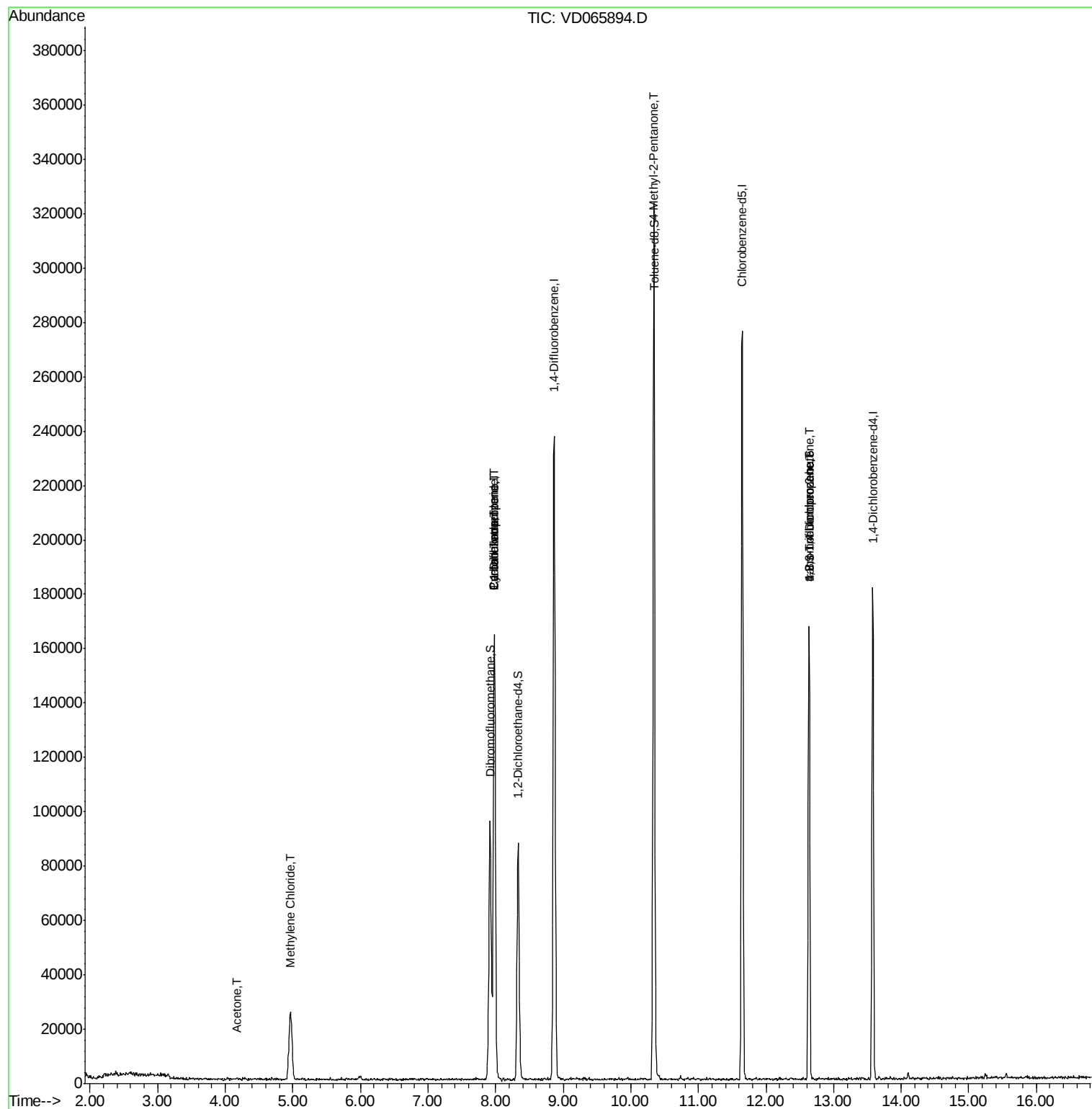
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	648	2.699	ug/l #	51
20) Methylene Chloride	4.96	84	18934	10.876	ug/l #	88
31) Cyclohexane	7.99	56	3127	1.424	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	10304	5.221	ug/l #	50
38) Carbon Tetrachloride	7.98	117	13110	6.152	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	999	1.325	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	28176	71.377	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	28176	153.343	ug/l #	9

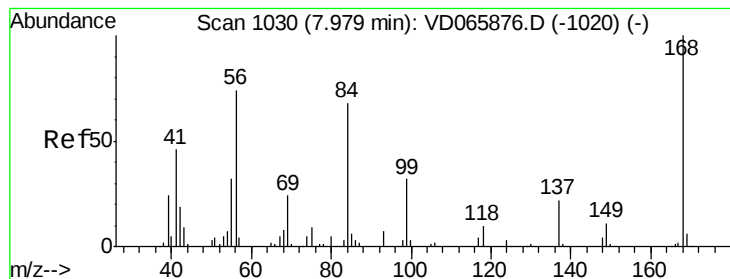
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065894.D
Acq On : 29 Jun 2020 18:44
Operator : VA/SY
Sample : L3153-16
Misc : 5.75G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP2-C

Quant Time: Jun 30 04:13:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

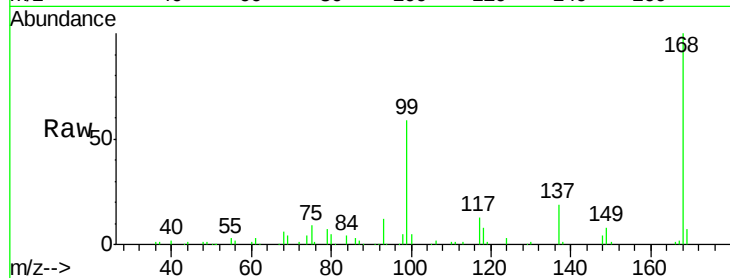
SP2-C

Tot Ion:168 Resp: 117955

Ion Ratio Lower Upper

168 100

99 59.0 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

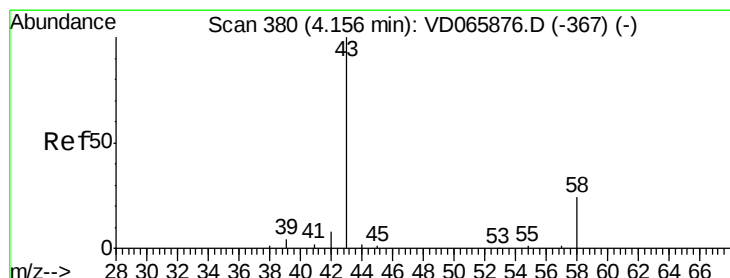
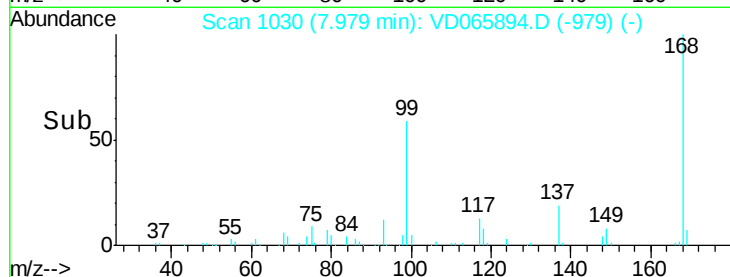
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 2.699 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065894.D

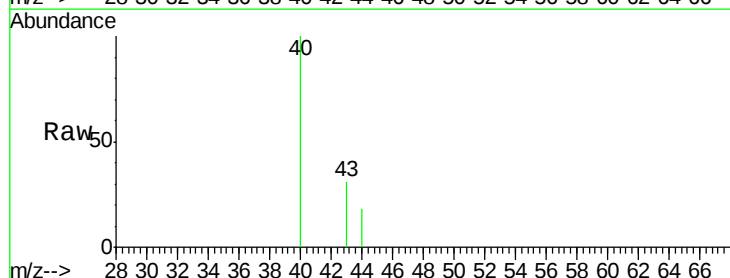
Acq: 29 Jun 2020 18:44

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

58 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

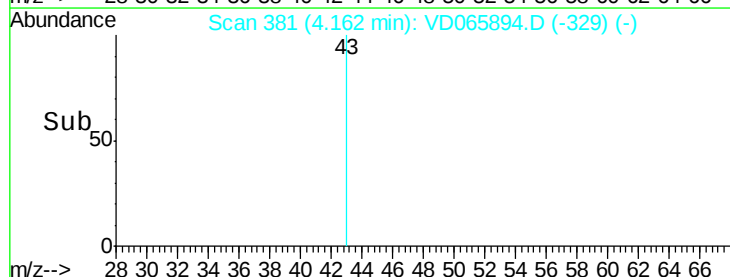
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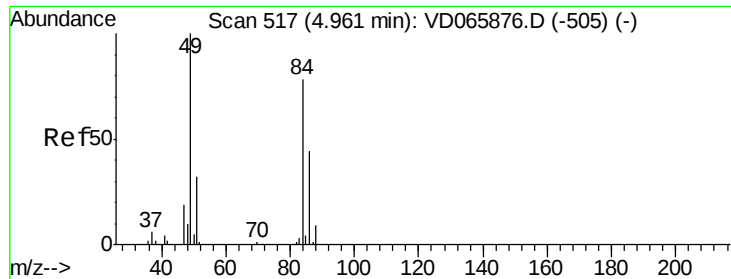
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100

0

Time-->

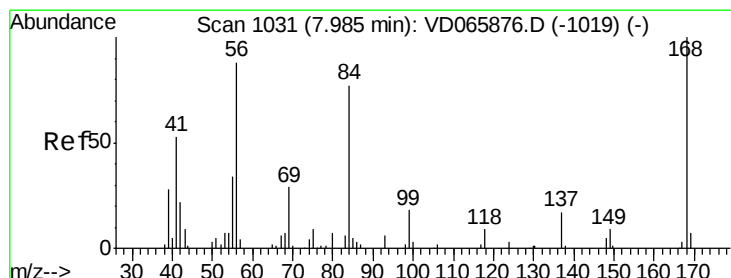
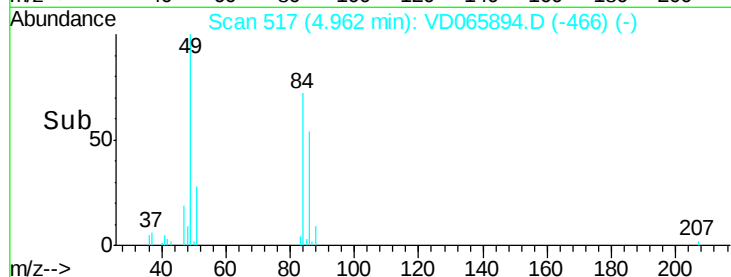
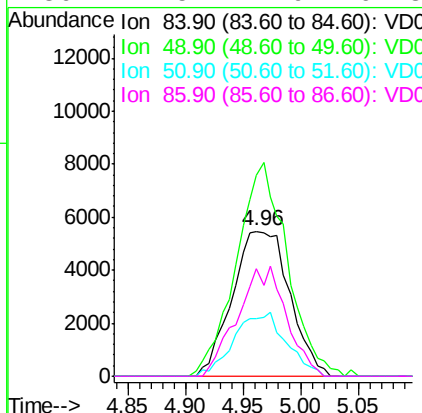
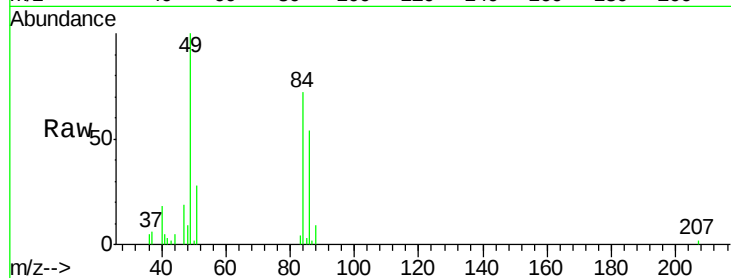




#20
Methvlene Chloride
Concen: 10.876 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

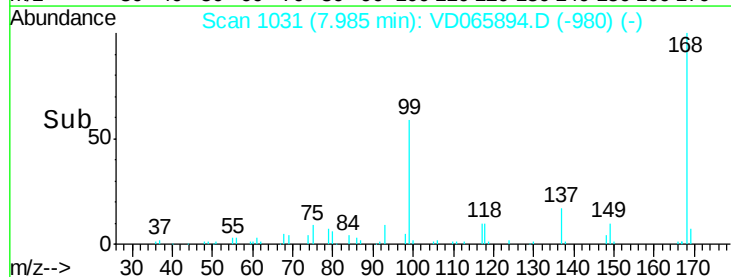
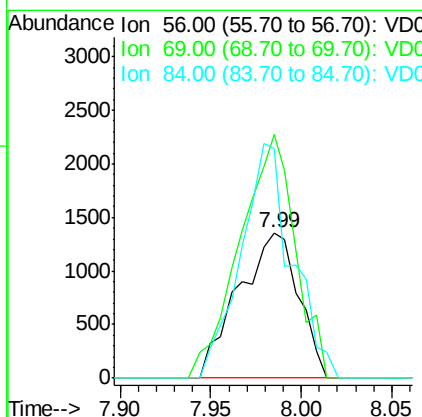
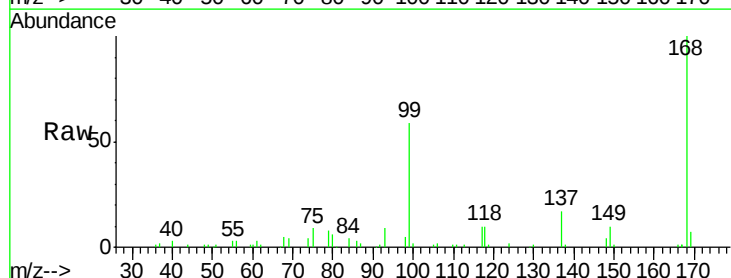
Instrument :
MSVOA_D
ClientSampleId :
SP2-C

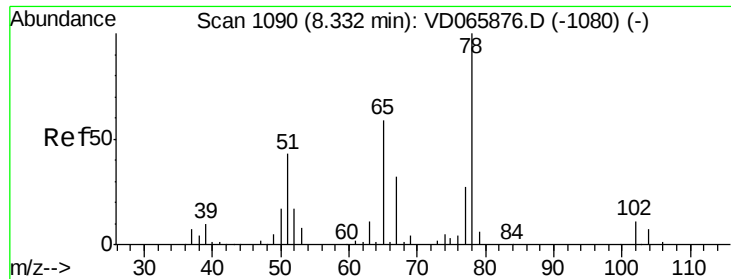
Tot Ion: 84 Resp: 18934
Ion Ratio Lower Upper
84 100
49 138.7 103.0 154.6
51 39.3 32.7 49.1
86 74.5 44.9 67.3#



#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

Tgt Ion: 56 Resp: 3127
Ion Ratio Lower Upper
56 100
69 167.3 26.2 39.4#
84 157.7 70.3 105.5#

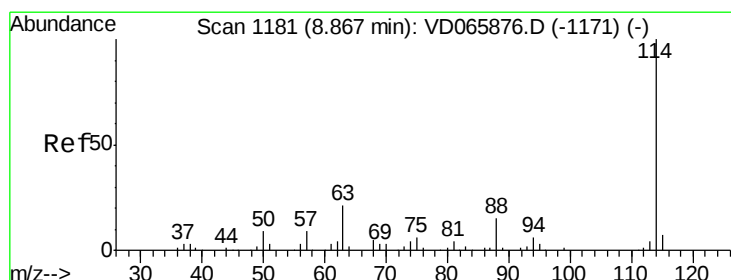
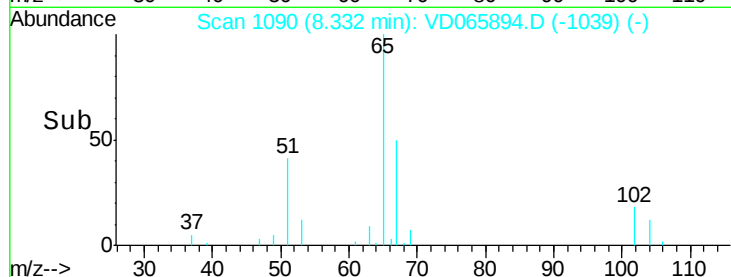
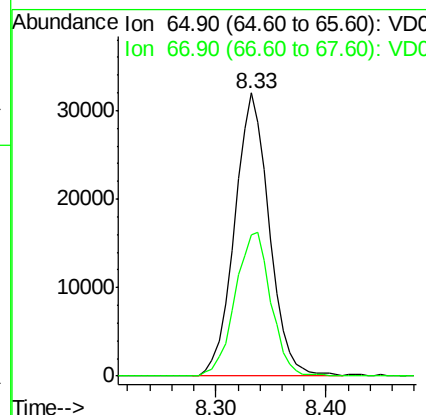
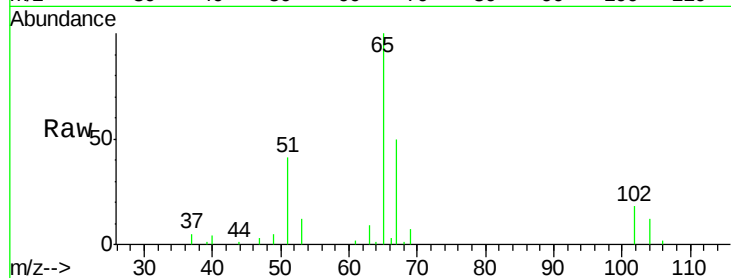




#33
 1,2-Dichloroethane-d4
 Concen: 57.437 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065894.D
 Acq: 29 Jun 2020 18:44

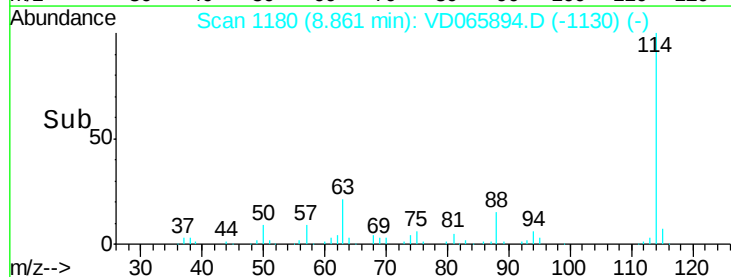
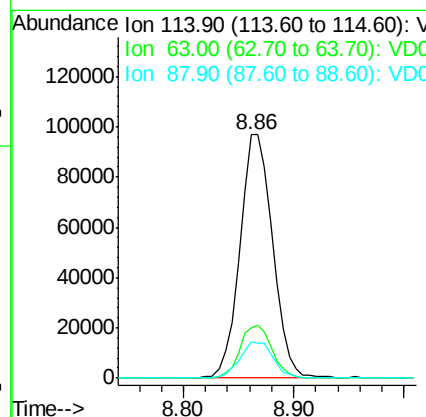
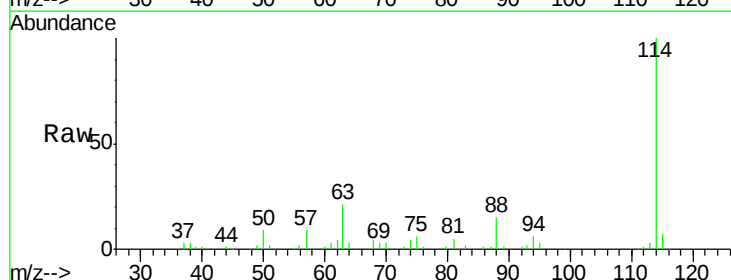
Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-C

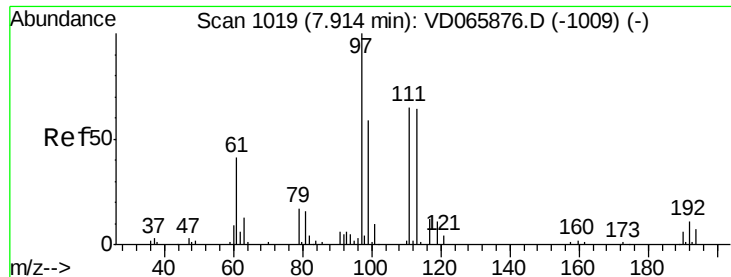
Tot Ion: 65 Resp: 70386
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065894.D
 Acq: 29 Jun 2020 18:44

Tgt Ion: 114 Resp: 202394
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 14.7 0.0 29.0

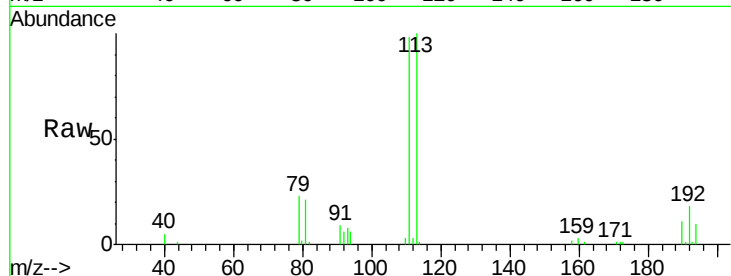




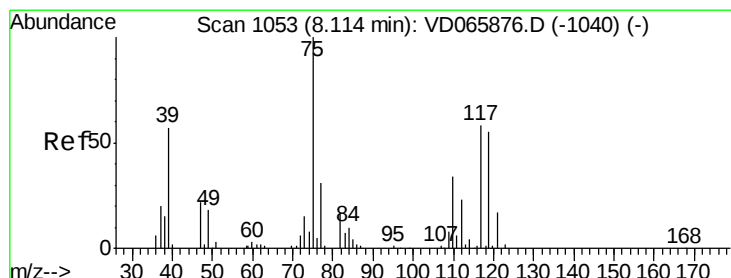
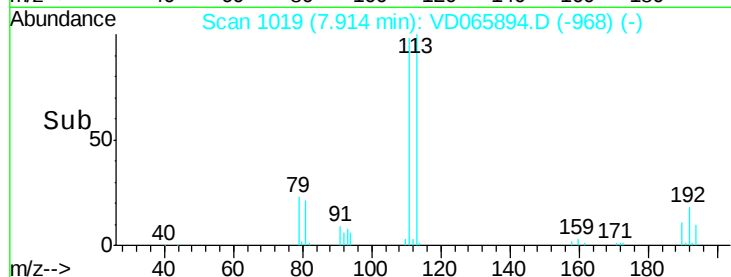
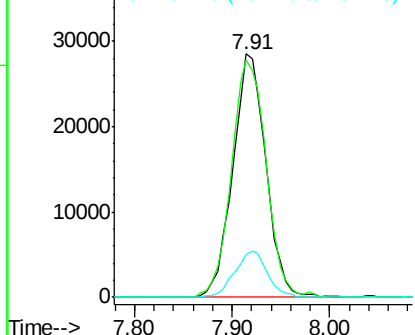
#35
Dibromofluoromethane
Concen: 53.857 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

Instrument :
MSVOA_D
ClientSampleId :
SP2-C

Tot Ion:113 Resp: 67375
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.6
192 18.6 15.2 22.8

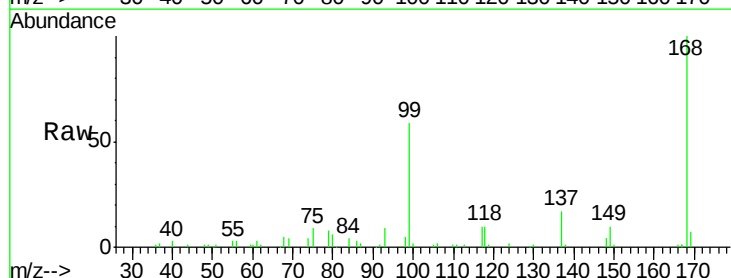


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

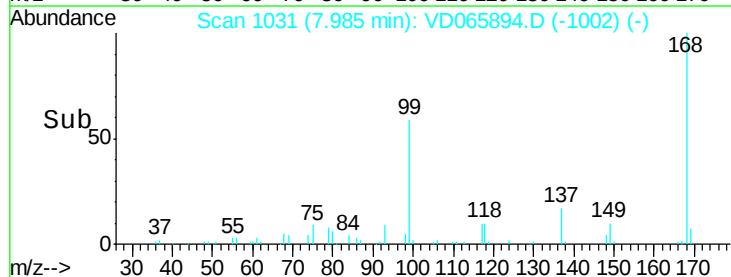
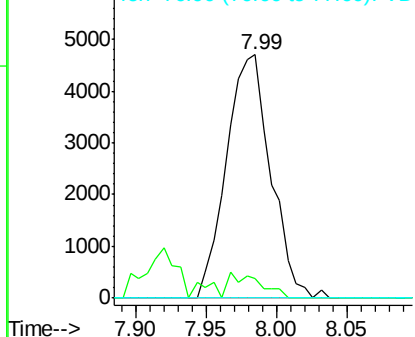


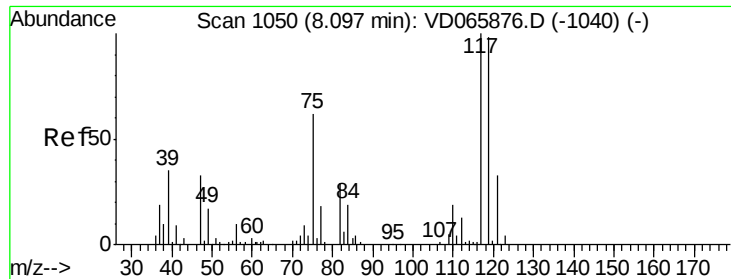
#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

Tgt Ion: 75 Resp: 10304
Ion Ratio Lower Upper
75 100
110 7.4 16.8 50.4#
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

SP2-C

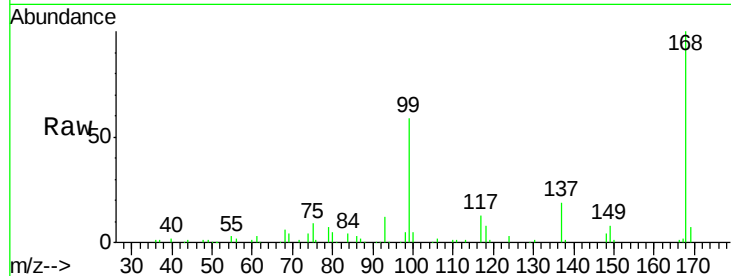
Tot Ion:117 Resp: 13110

Ion Ratio Lower Upper

117 100

119 3.9 78.6 117.8#

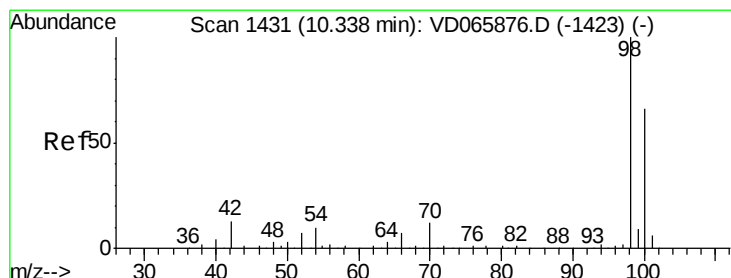
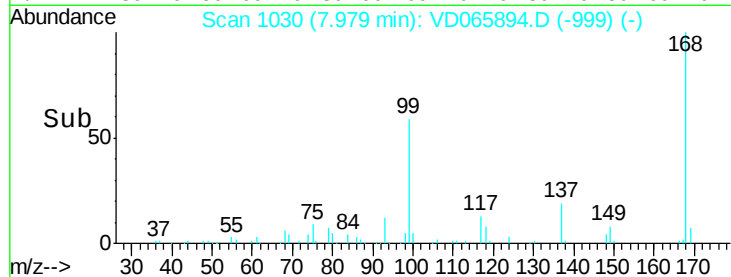
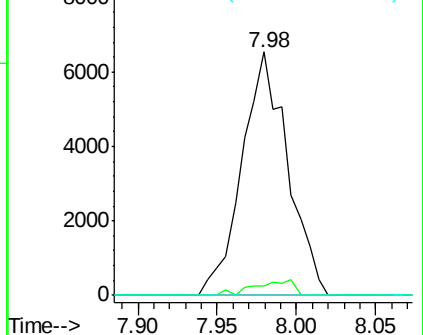
121 0.0 26.5 39.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 45.880 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065894.D

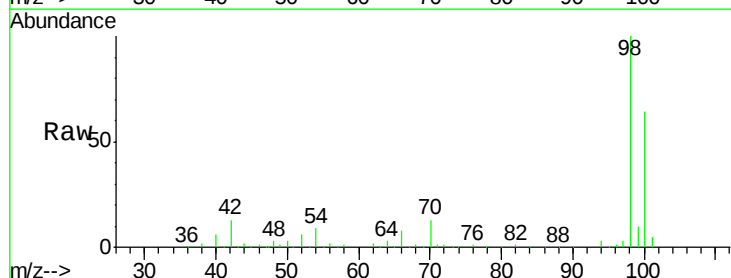
Acq: 29 Jun 2020 18:44

Tgt Ion: 98 Resp: 215905

Ion Ratio Lower Upper

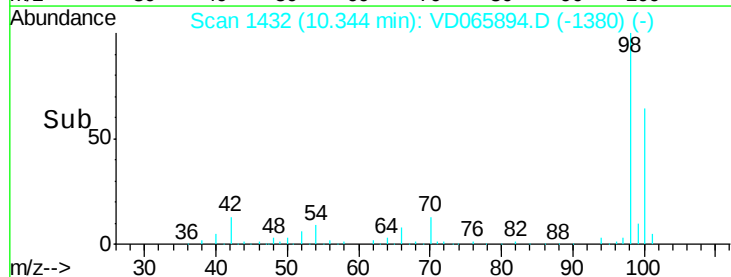
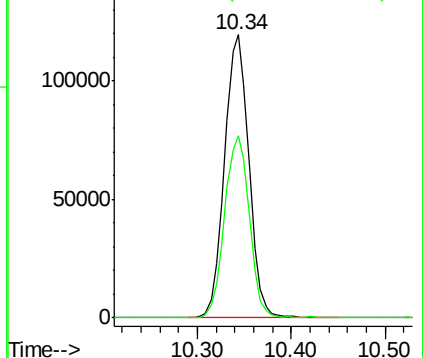
98 100

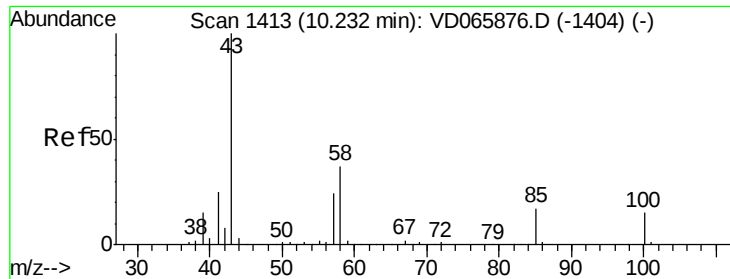
100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.325 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.10 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

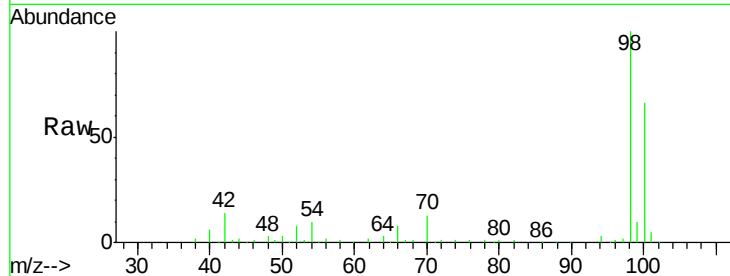
SP2-C

Tot Ion: 43 Resp: 999

Ion Ratio Lower Upper

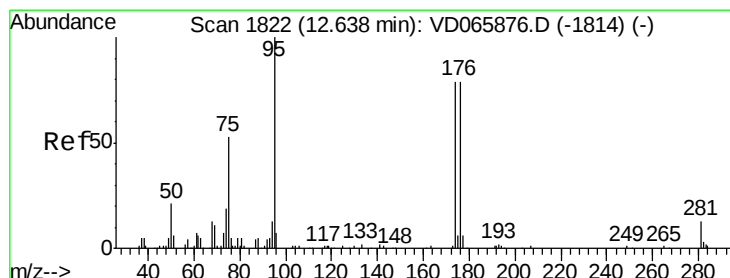
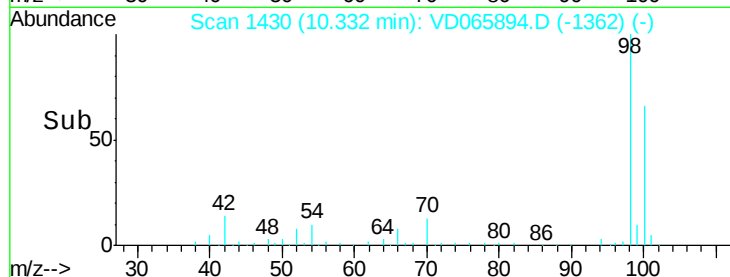
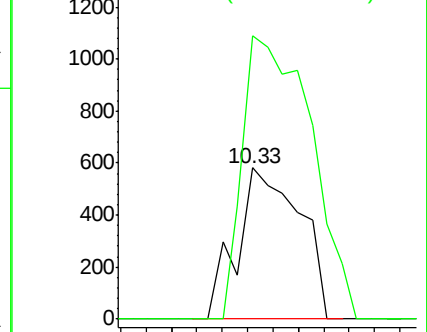
43 100

58 204.5 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 34.357 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

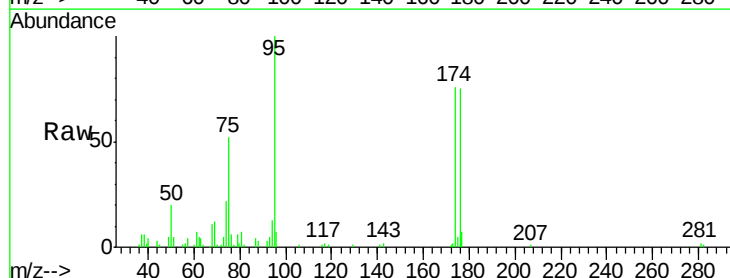
Tgt Ion: 95 Resp: 52966

Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.4

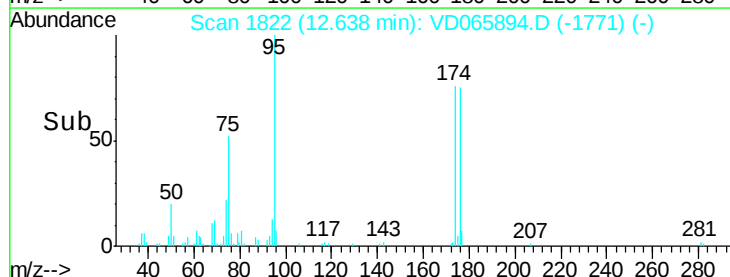
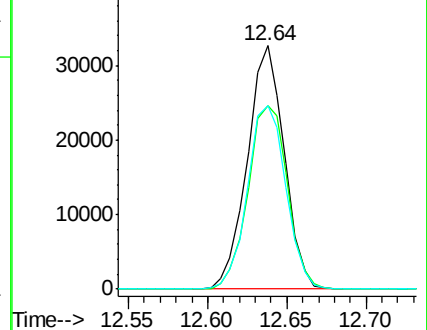
176 78.5 0.0 156.0

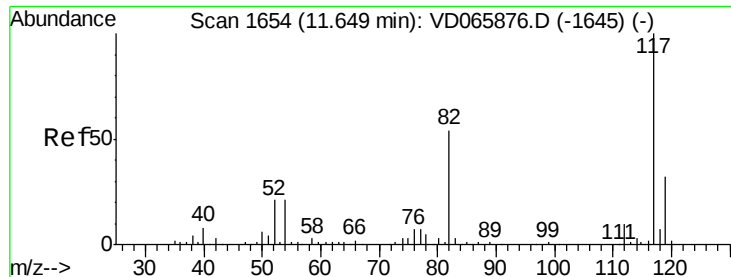


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

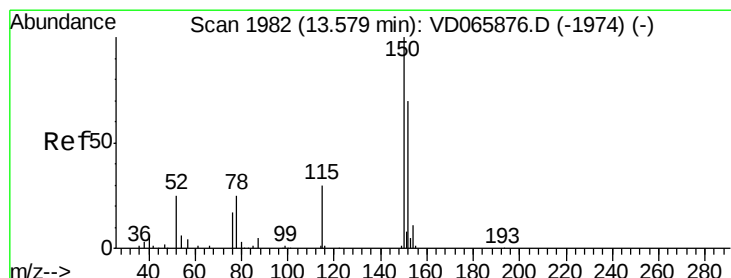
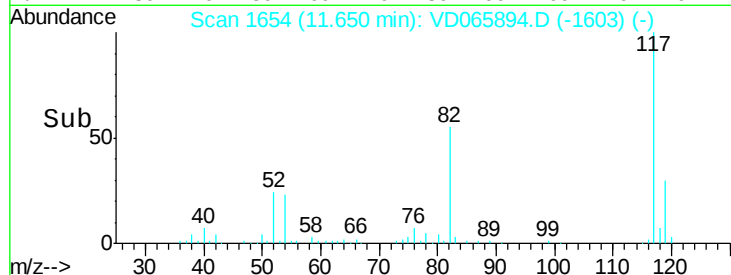
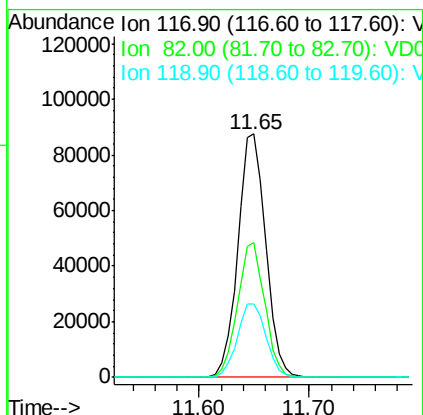
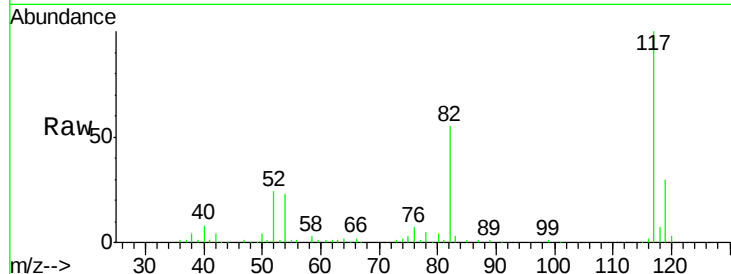




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

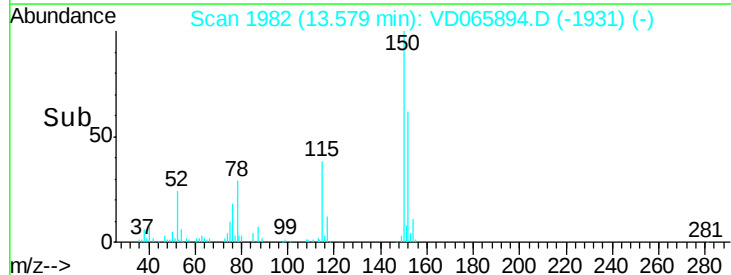
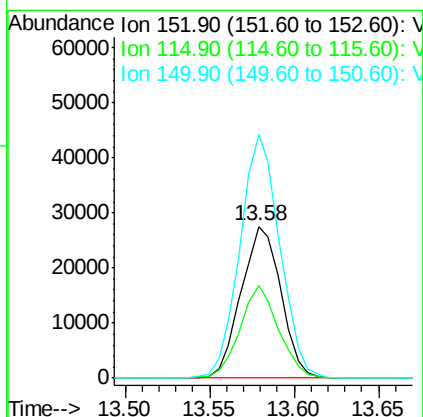
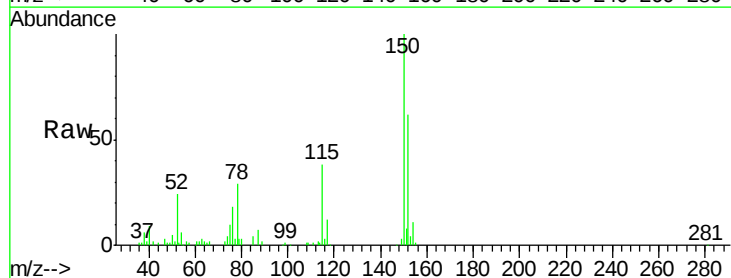
Instrument :
MSVOA_D
ClientSampleId :
SP2-C

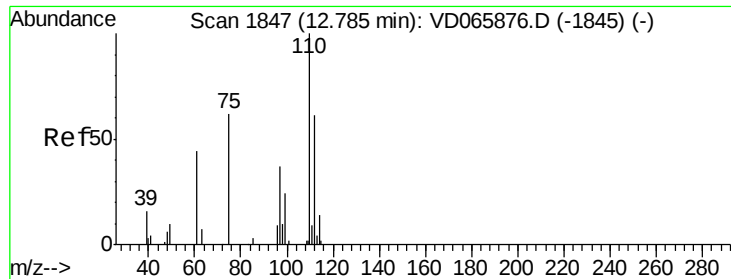
Tot Ion:117 Resp: 155021
Ion Ratio Lower Upper
117 100
82 55.5 43.6 65.4
119 30.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

Tgt Ion:152 Resp: 45113
Ion Ratio Lower Upper
152 100
115 59.0 29.7 89.1
150 160.9 0.0 346.2





#76

1,2,3-Trichloropropane

Concen: 71.377 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

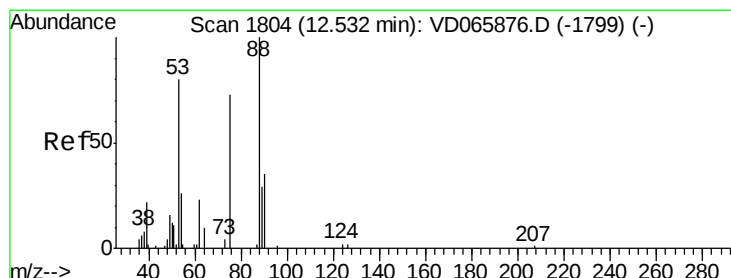
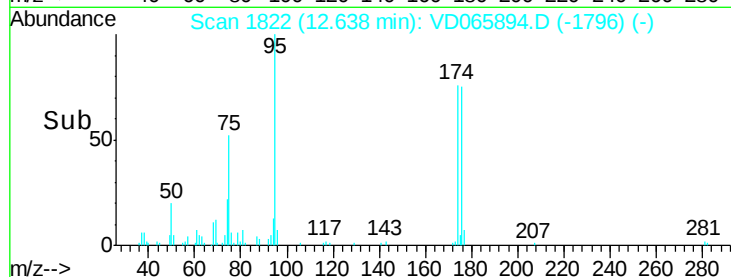
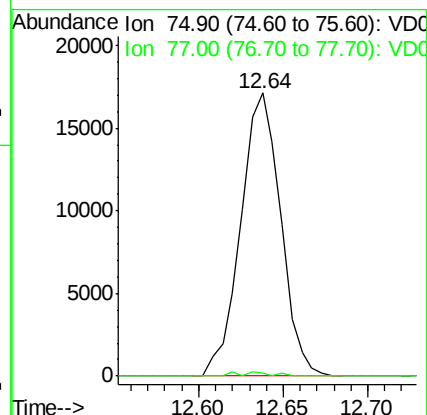
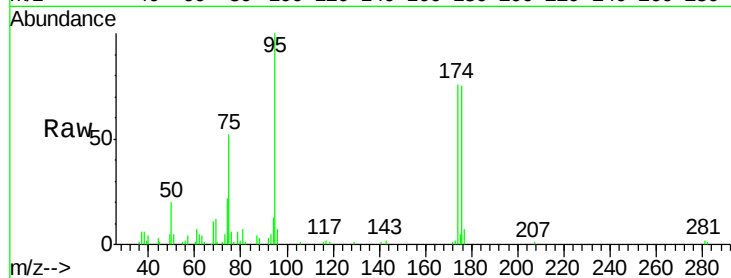
SP2-C

Tot Ion: 75 Resp: 28176

Ion Ratio Lower Upper

75 100

77 0.8 168.5 505.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 153.343 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Tgt Ion: 75 Resp: 28176

Ion Ratio Lower Upper

75 100

53 0.0 80.6 121.0#

89 0.0 36.5 54.7#

