

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066528.D
 Acq On : 02 Sep 2020 17:43
 Operator : VA/SY
 Sample : L3871-01
 Misc : 1.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-090220

Quant Time: Sep 03 03:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

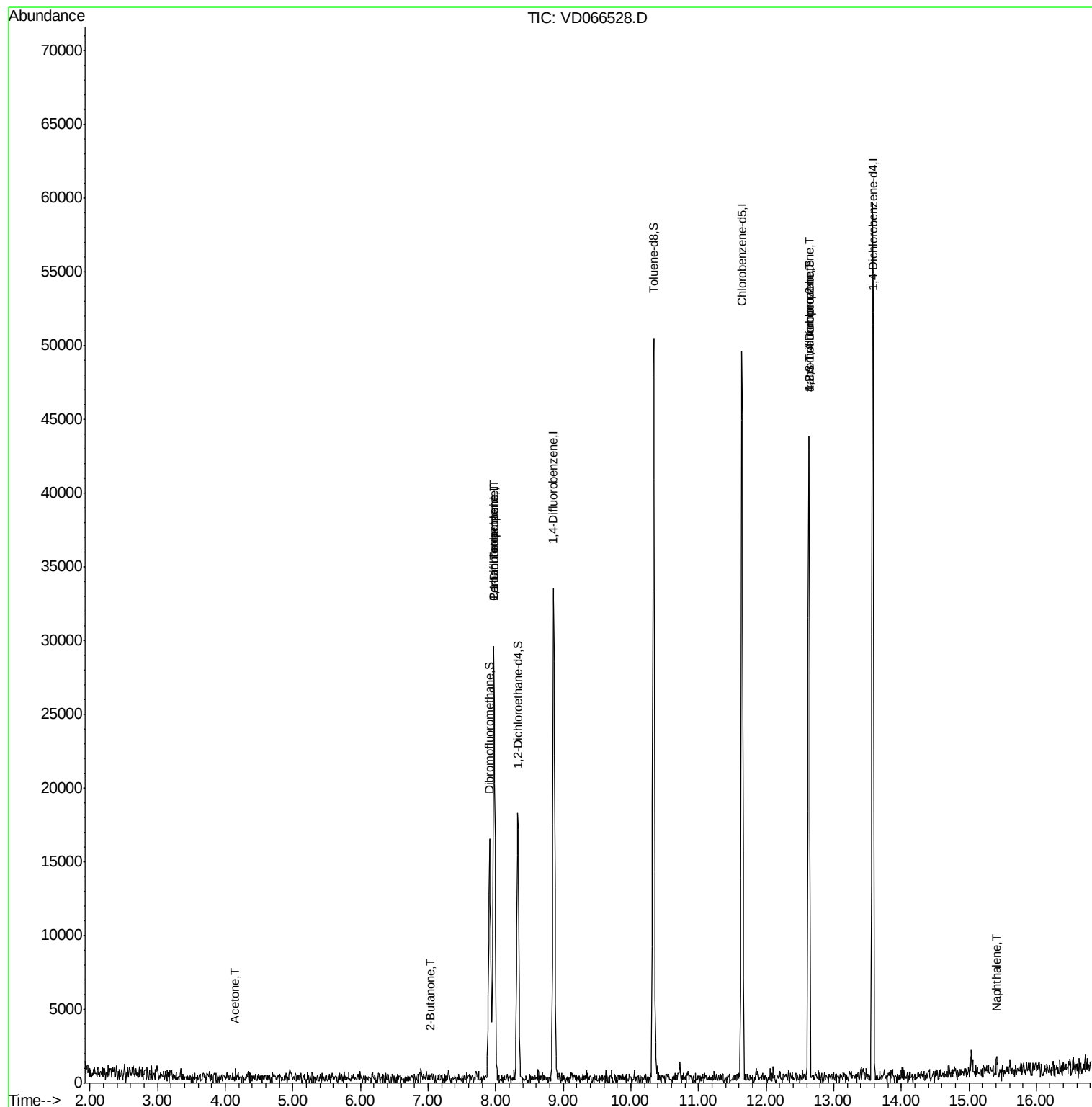
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	20355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	29284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	29494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	16548	75.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.18%	
35) Dibromofluoromethane	7.91	113	9424	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	10.34	98	33932	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	12839	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	76	2.348	ug/l #	53
20) Methylene Chloride	4.97	84	133	Below Cal	#	33
25) 2-Butanone	7.03	43	72	2.149	ug/l #	41
31) Cyclohexane	7.97	56	357	Below Cal	#	29
36) 1,1-Dichloropropene	7.97	75	1359	5.294	ug/l #	41
38) Carbon Tetrachloride	7.97	117	2449	6.262	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	7316	73.038	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	7316	162.650	ug/l #	1
95) Naphthalene	15.41	128	737	1.379	ug/l #	68

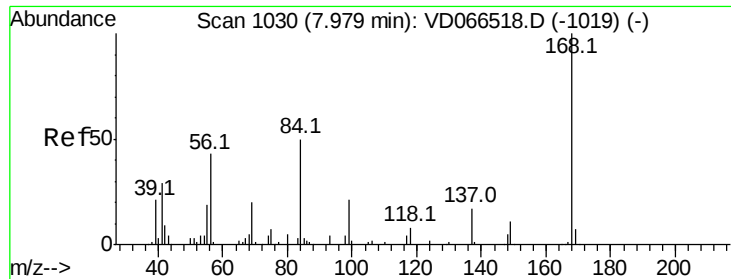
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 02 15:08:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

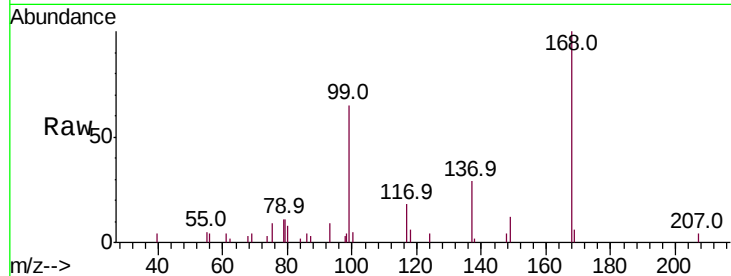
TR-05-090220

Tot Ion:168 Resp: 20355

Ion Ratio Lower Upper

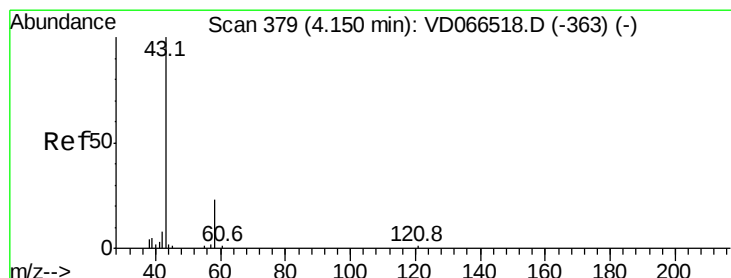
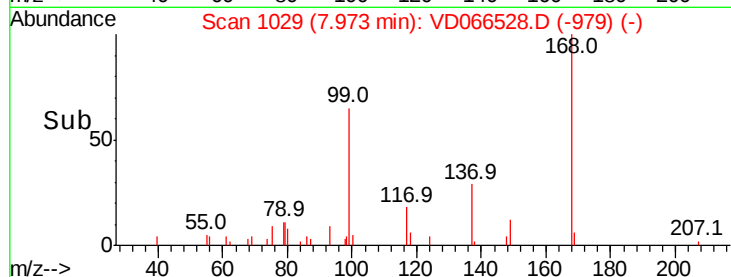
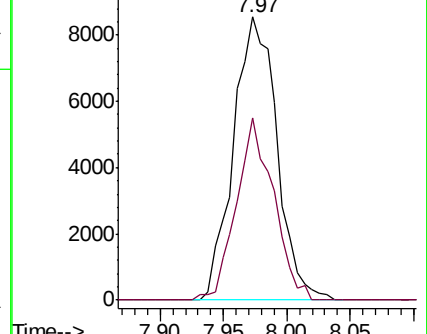
168 100

99 64.5 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.348 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.00 min

Lab File: VD066528.D

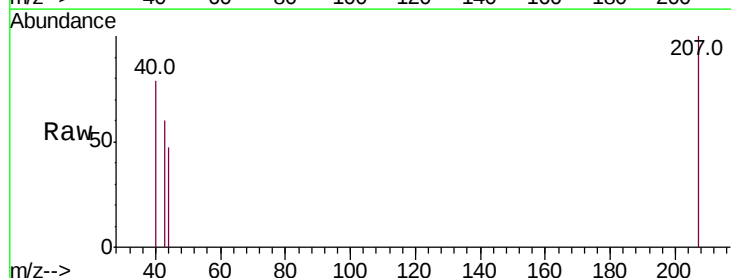
Acq: 02 Sep 2020 17:43

Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

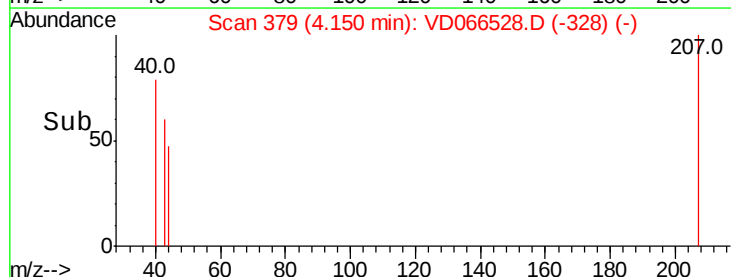
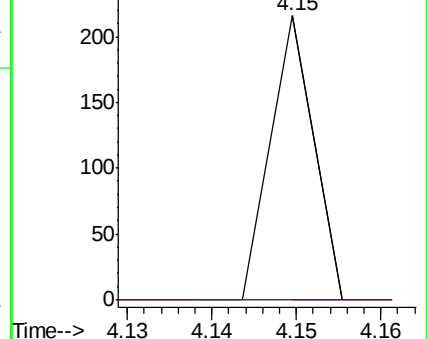
43 100

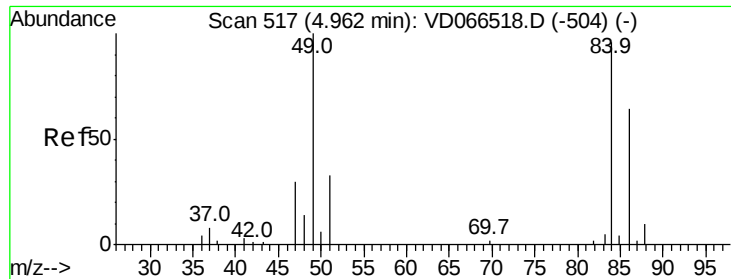
58 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

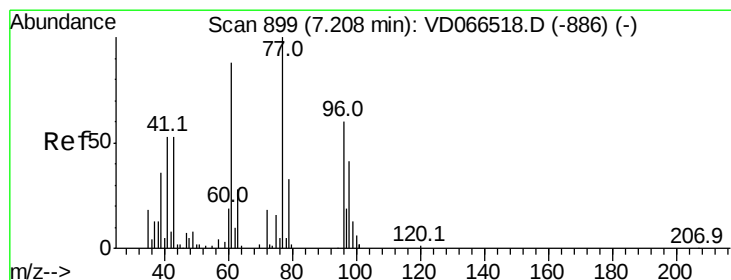
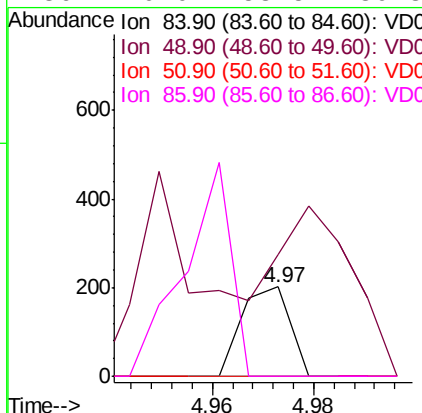
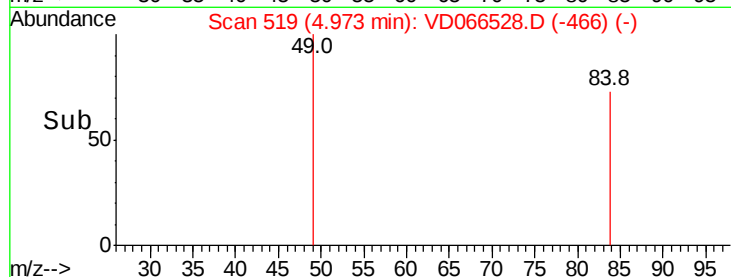
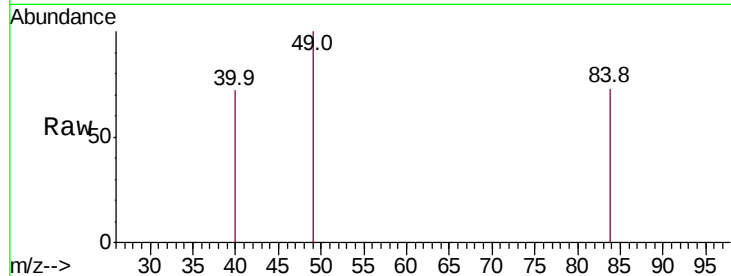




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

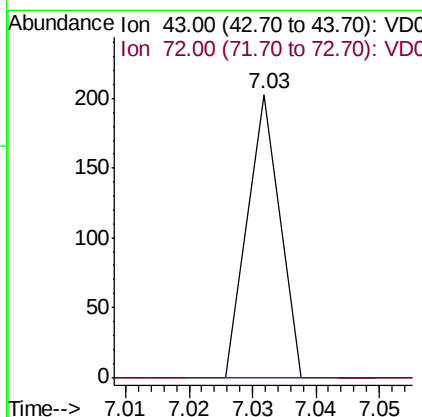
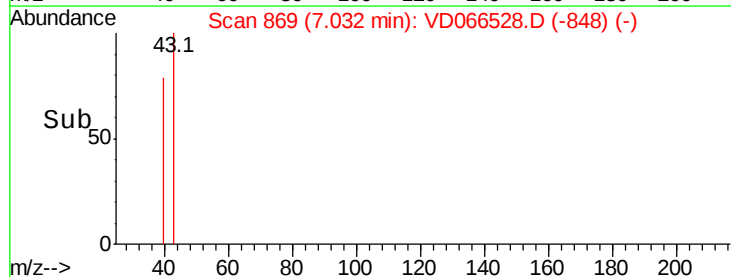
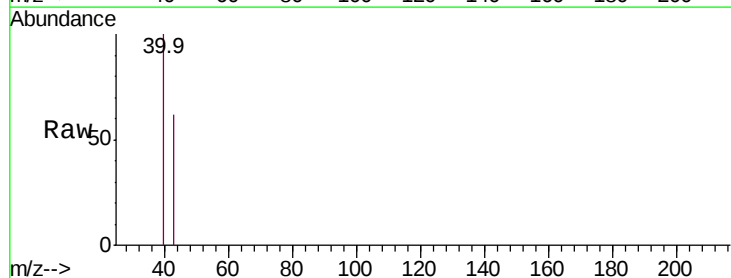
Instrument :
MSVOA_D
ClientSampleId :
TR-05-090220

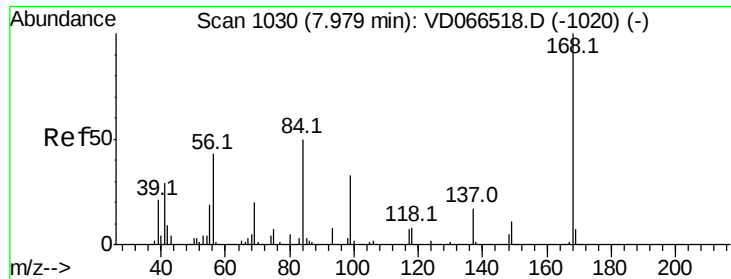
Tot Ion: 84 Resp: 133
Ion Ratio Lower Upper
84 100
49 44.1 83.5 125.3#
51 0.0 27.8 41.8#
86 0.0 53.5 80.3#



#25
2-Butanone
Concen: 2.149 ug/l
RT: 7.03 min Scan# 869
Delta R.T. -0.18 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
72 0.0 26.8 40.2#

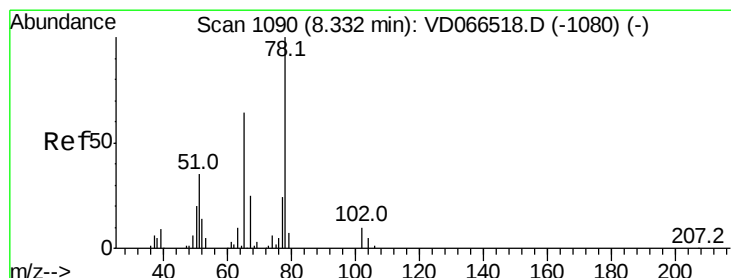
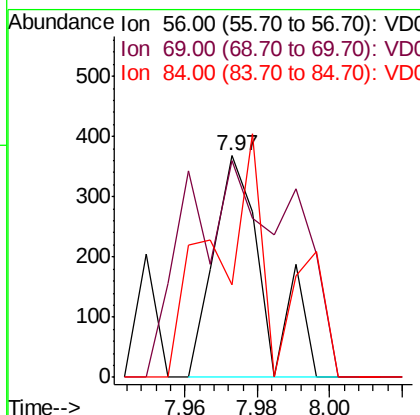
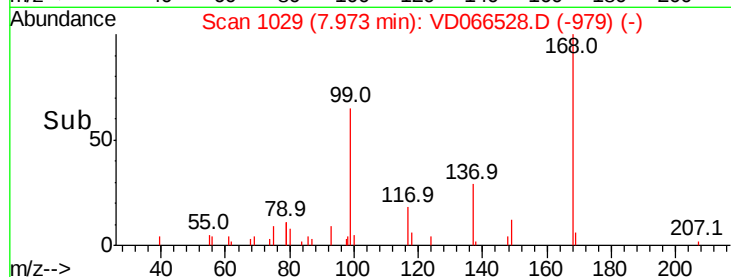
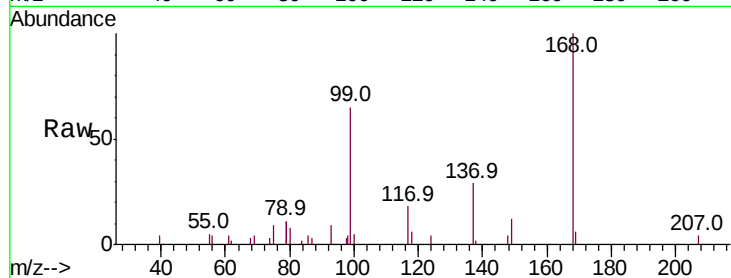




#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

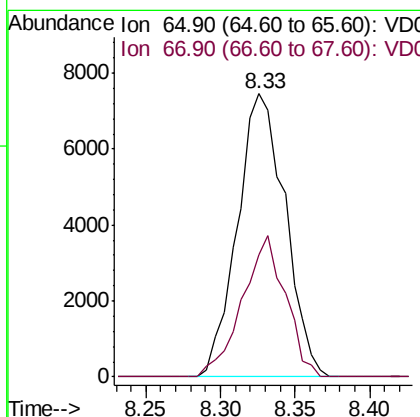
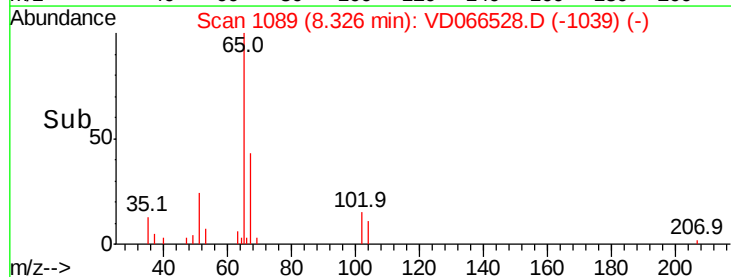
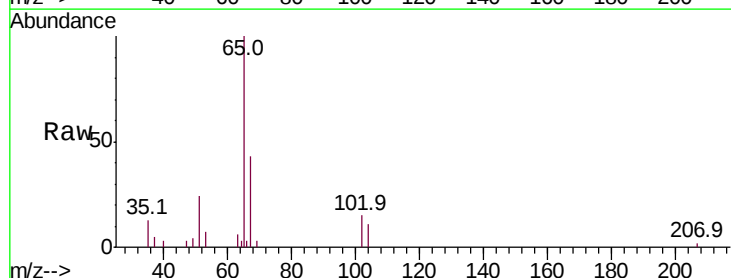
Instrument :
MSVOA_D
ClientSampleId :
TR-05-090220

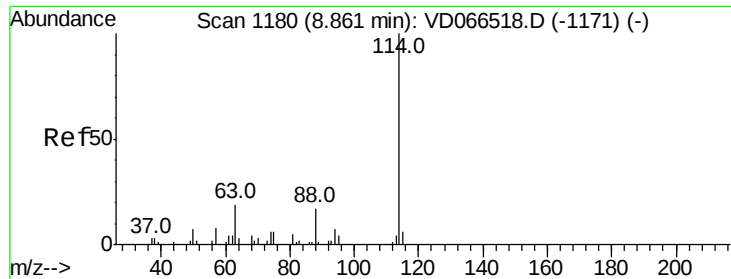
Tot Ion: 56 Resp: 357
Ion Ratio Lower Upper
56 100
69 97.8 36.8 55.2#
84 41.6 93.4 140.0#



#33
1,2-Dichloroethane-d4
Concen: 75.593 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Tgt Ion: 65 Resp: 16548
Ion Ratio Lower Upper
65 100
67 45.0 0.0 88.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

TR-05-090220

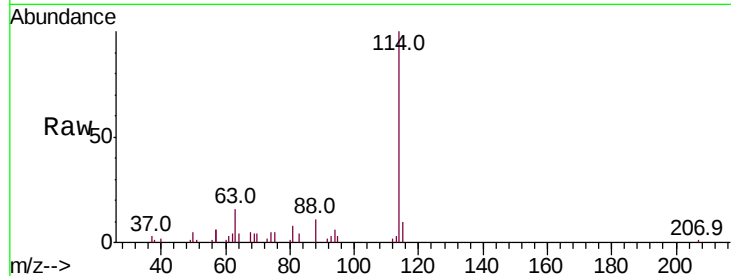
Tot Ion:114 Resp: 29284

Ion Ratio Lower Upper

114 100

63 16.4 0.0 38.6

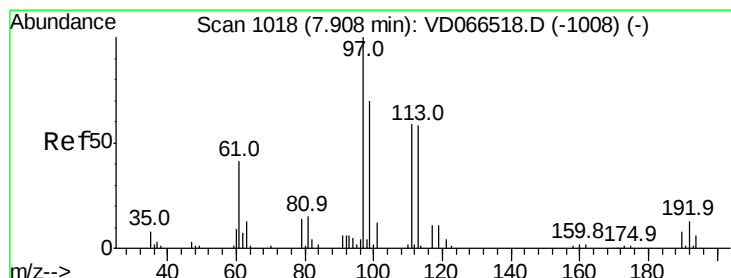
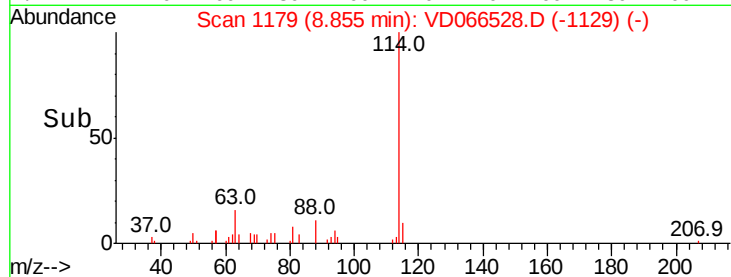
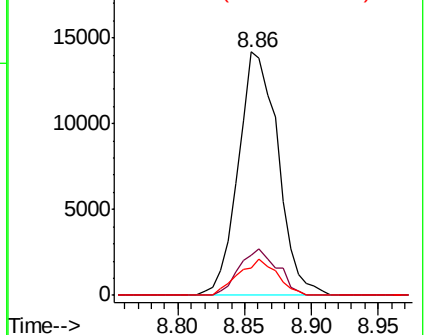
88 11.4 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.506 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

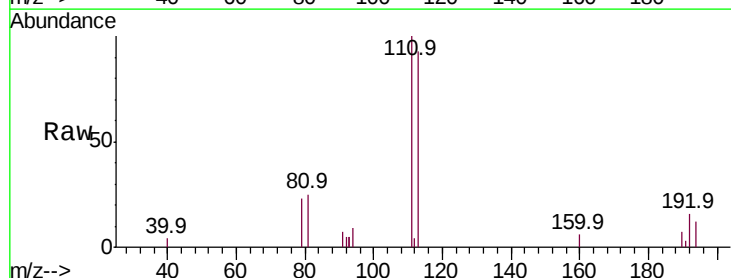
Tgt Ion:113 Resp: 9424

Ion Ratio Lower Upper

113 100

111 109.2 82.5 123.7

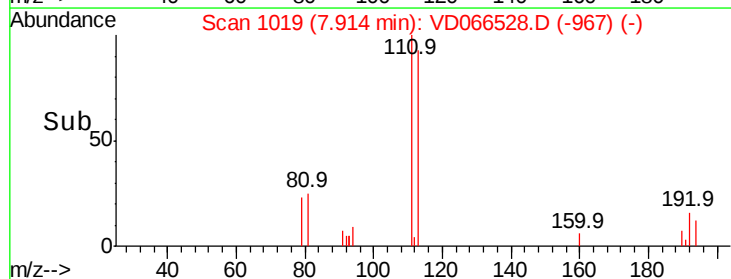
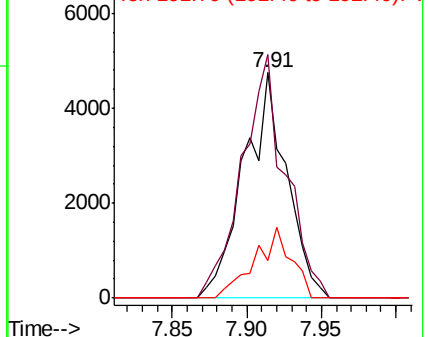
192 26.9 20.7 31.1

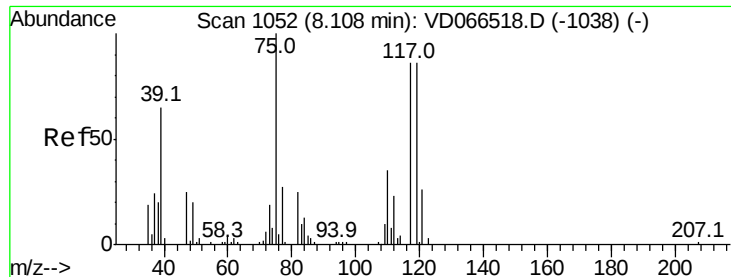


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.294 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

TR-05-090220

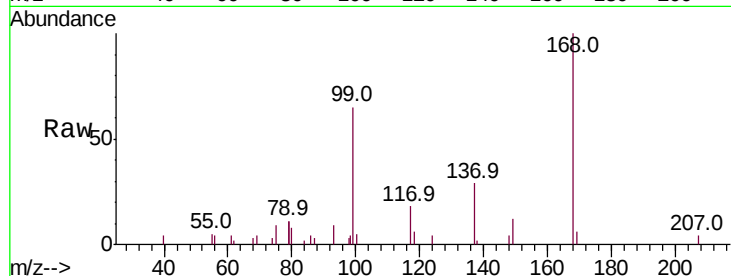
Tot Ion: 75 Resp: 1359

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

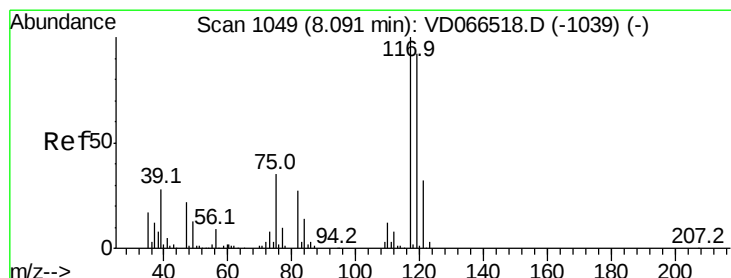
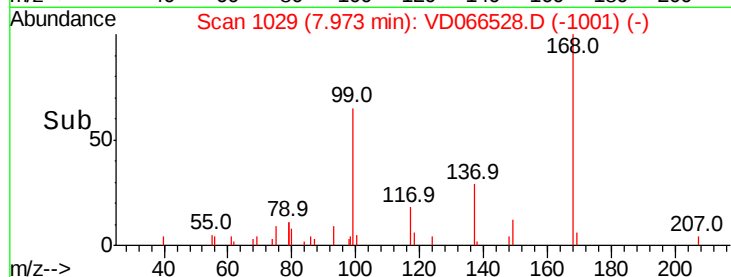
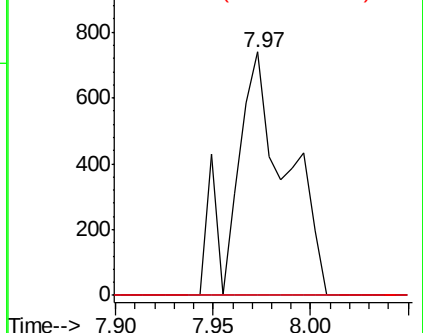
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.262 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

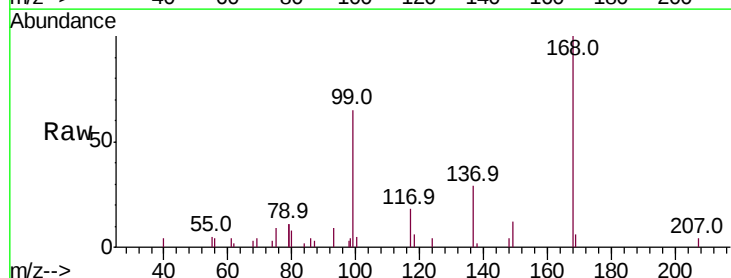
Tgt Ion: 117 Resp: 2449

Ion Ratio Lower Upper

117 100

119 0.0 73.9 110.9#

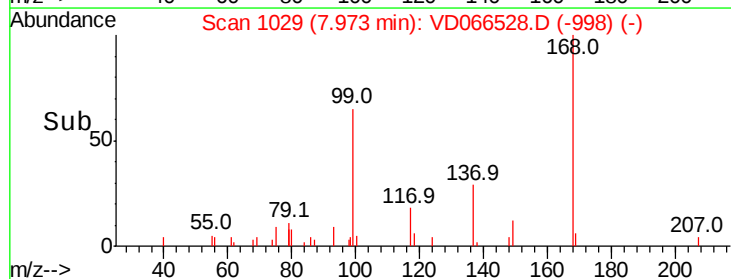
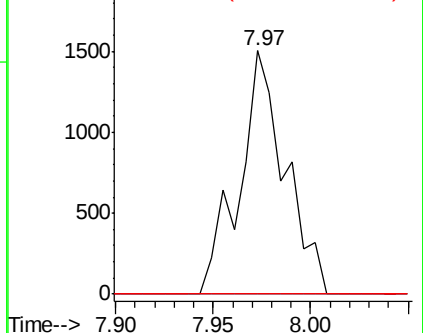
121 0.0 25.6 38.4#

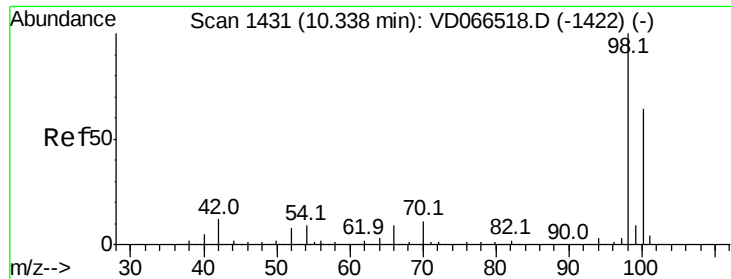


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

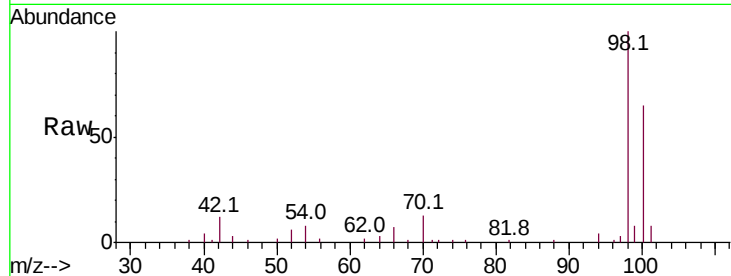




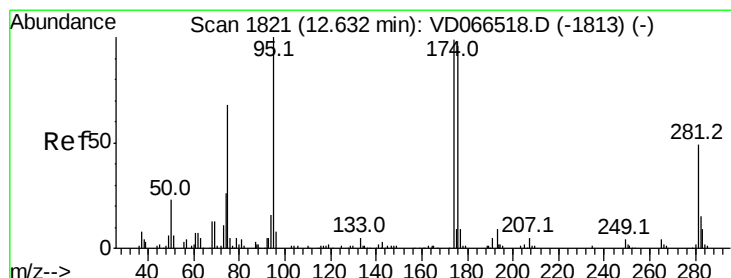
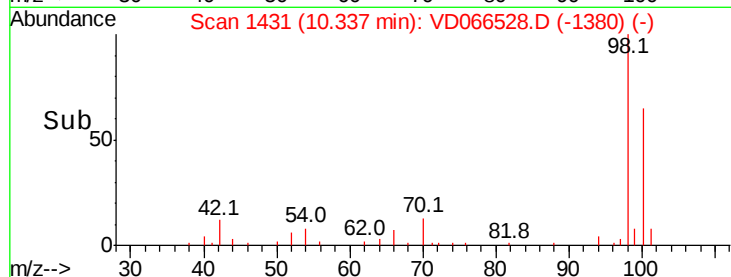
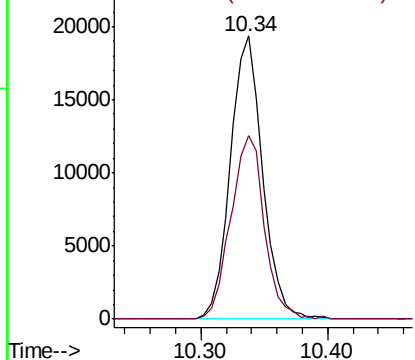
#50
Toluene-d8
Concen: 51.307 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Instrument :
MSVOA_D
ClientSampleId :
TR-05-090220

Tot Ion: 98 Resp: 33932
Ion Ratio Lower Upper
98 100
100 67.7 52.8 79.2

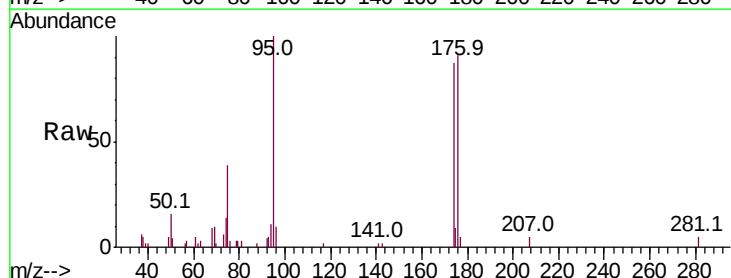


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

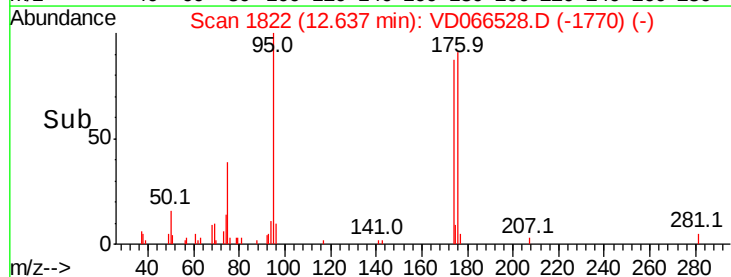
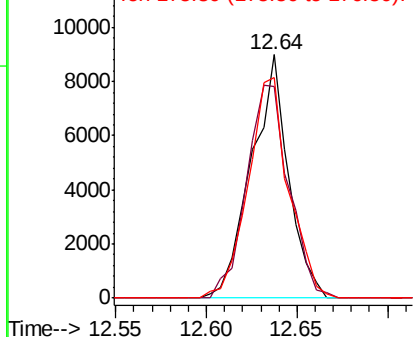


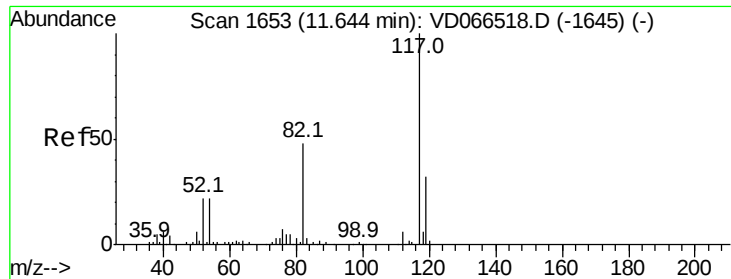
#62
4-Bromofluorobenzene
Concen: 54.460 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Tgt Ion: 95 Resp: 12839
Ion Ratio Lower Upper
95 100
174 99.9 0.0 203.2
176 99.3 0.0 198.6



Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC

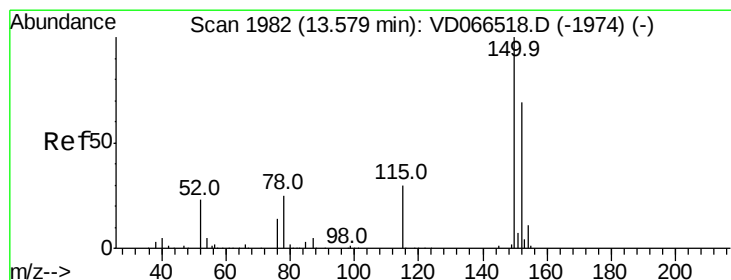
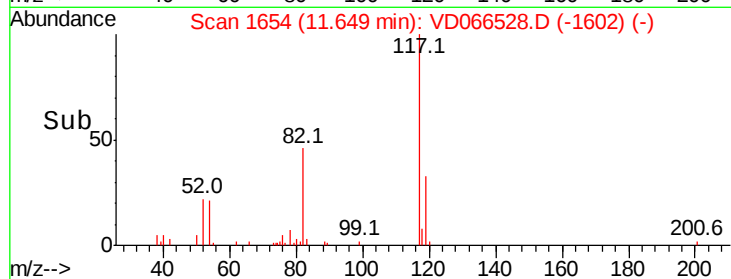
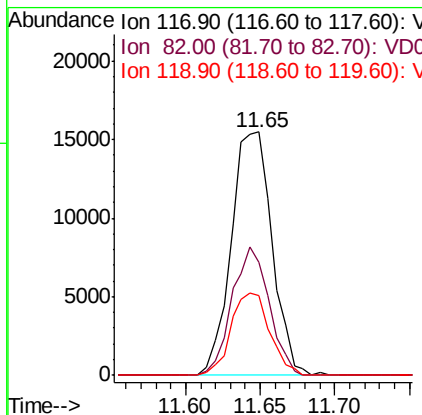
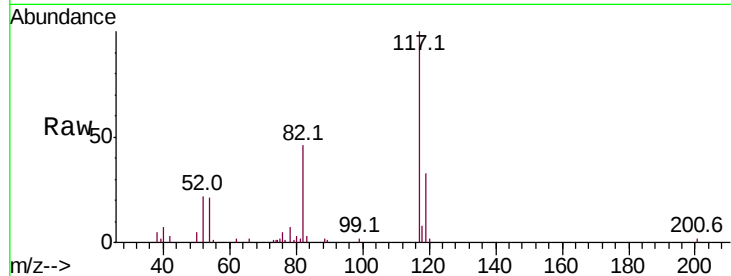




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

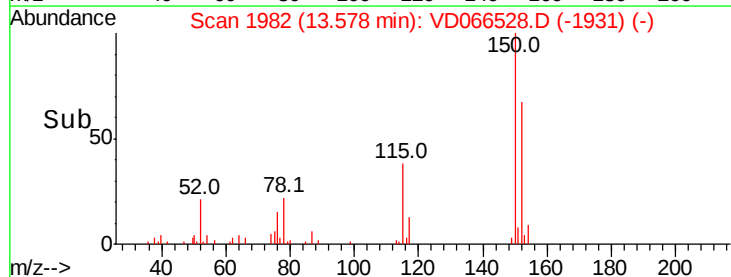
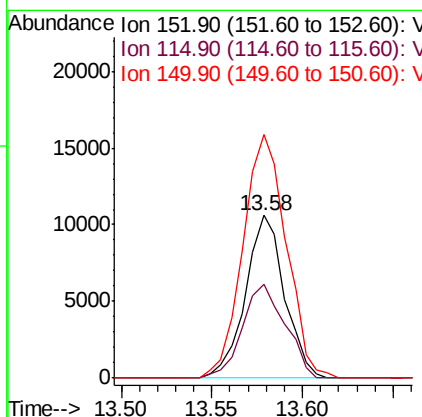
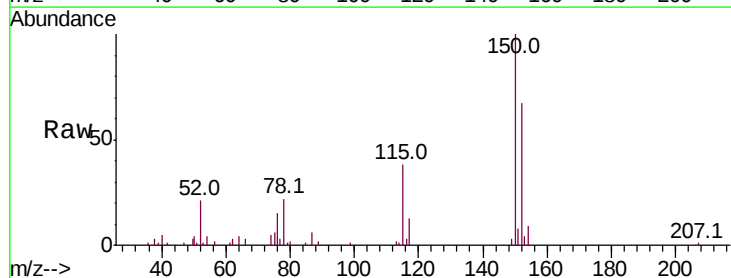
Instrument :
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ClientSampleId :
TR-05-090220

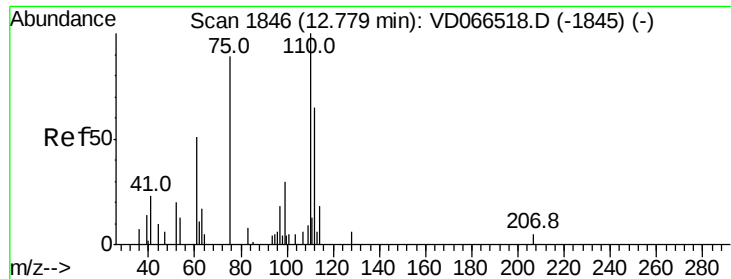
Tot Ion:117 Resp: 29494
Ion Ratio Lower Upper
117 100
82 46.2 38.5 57.7
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Tgt Ion:152 Resp: 15923
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.8
150 165.6 0.0 339.6





#76

1,2,3-Trichloropropane

Concen: 73.038 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

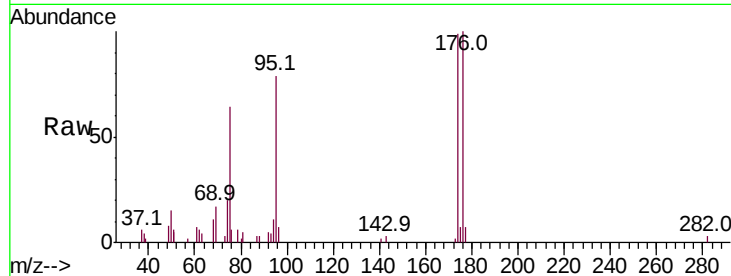
TR-05-090220

Tot Ion: 75 Resp: 7316

Ion Ratio Lower Upper

75 100

77 0.0 196.9 590.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

6000

5000

4000

3000

2000

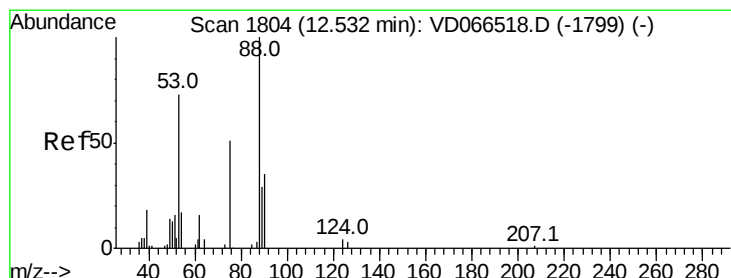
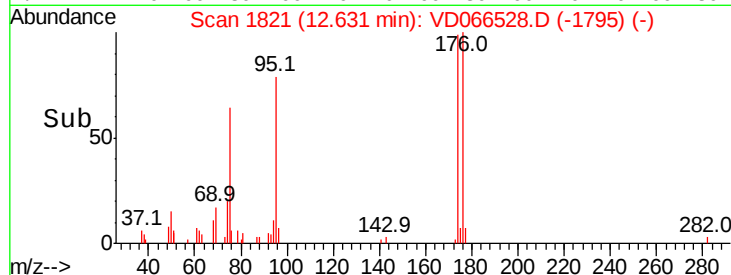
1000

0

12.63

12.60 12.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 162.650 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

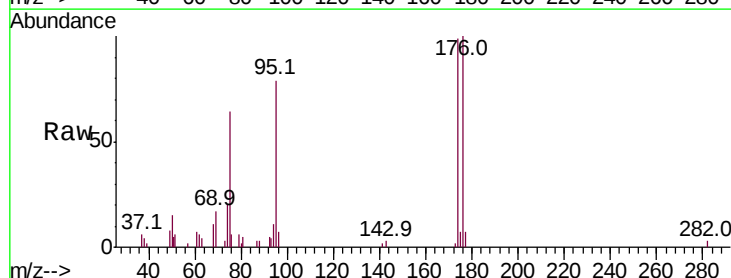
Tgt Ion: 75 Resp: 7316

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.8#

89 0.0 46.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

6000

5000

4000

3000

2000

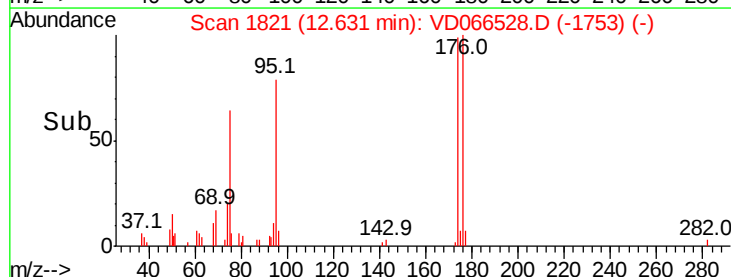
1000

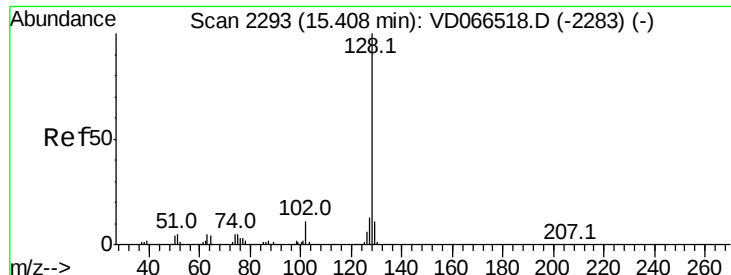
0

12.63

12.60 12.65

Time-->





#95

Naphthalene

Concen: 1.379 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066528.D

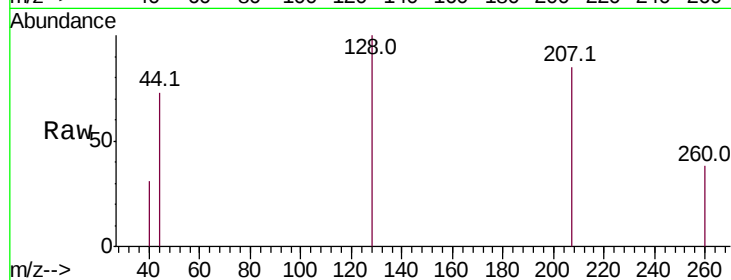
Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

TR-05-090220



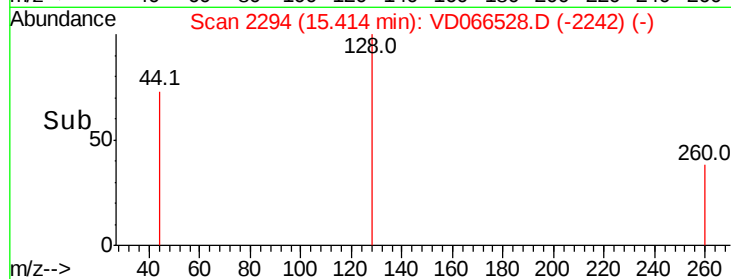
Tot Ion:128 Resp: 737

Ion Ratio Lower Upper

128 100

127 0.0 11.1 16.7#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

