

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072820\
 Data File : VD066076.D
 Acq On : 28 Jul 2020 13:21
 Operator : VA/SY
 Sample : L3185-01
 Misc : 7.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 29 01:33:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

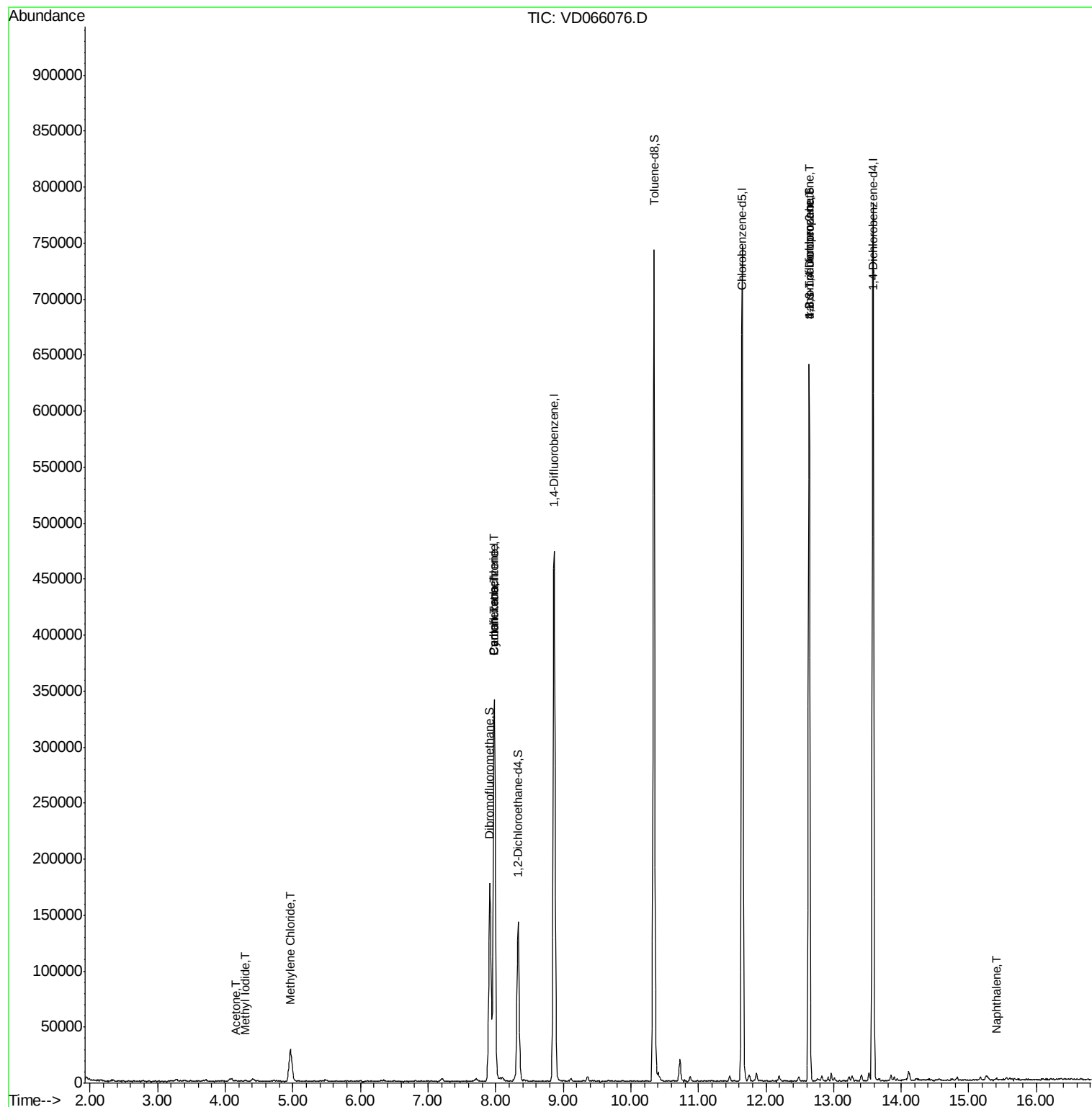
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	272951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	436076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	115228	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.91	113	126528	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.34	98	502183	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.64	95	200090	61.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.26%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.77	94	554	Below Cal	#	66
10) Methyl Iodide	4.30	142	751	9.071	ug/l #	51
16) Acetone	4.16	43	696	1.548	ug/l #	42
20) Methylene Chloride	4.96	84	22908	6.645	ug/l	90
31) Cyclohexane	7.98	56	6702	1.678	ug/l #	35
38) Carbon Tetrachloride	7.97	117	25158	6.503	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	97702	59.241	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	97702	135.938	ug/l #	11
95) Naphthalene	15.41	128	1527	3.751	ug/l #	82

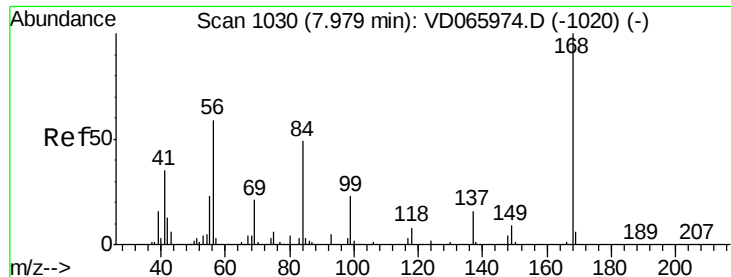
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066076.D

Acq: 28 Jul 2020 13:21

Instrument :

MSVOA_D

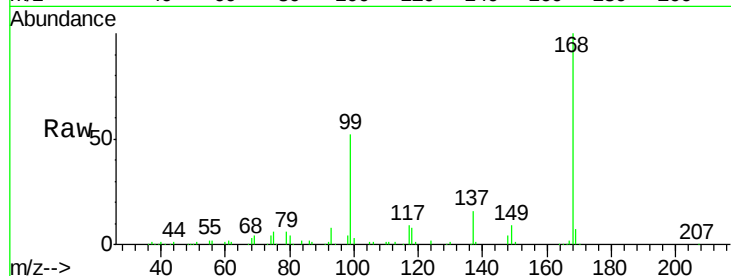
ClientSampleId :

Tot Ion:168 Resp: 272951

Ion Ratio Lower Upper

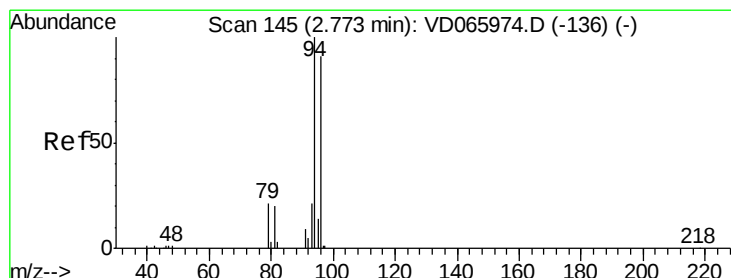
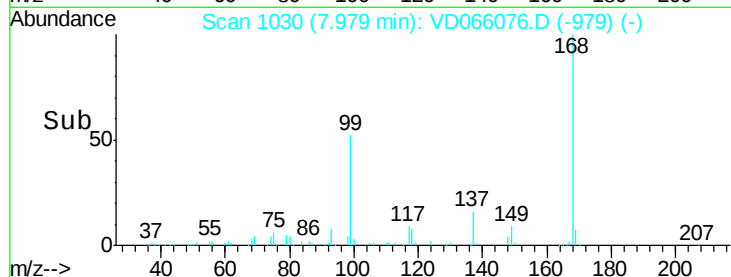
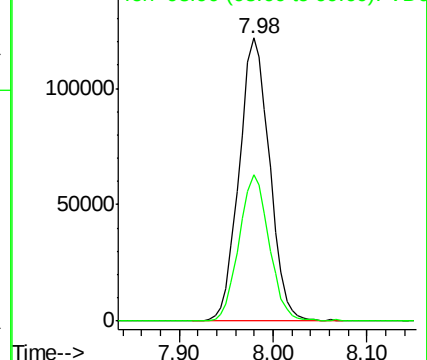
168 100

99 51.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066076.D

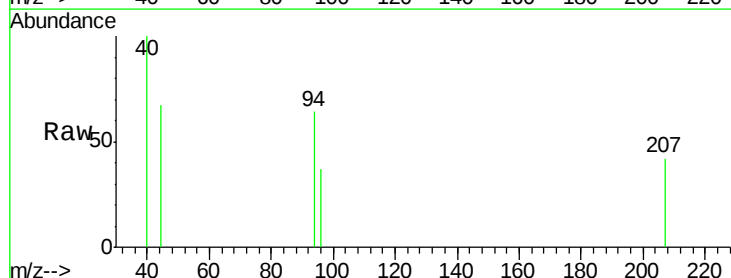
Acq: 28 Jul 2020 13:21

Tgt Ion: 94 Resp: 554

Ion Ratio Lower Upper

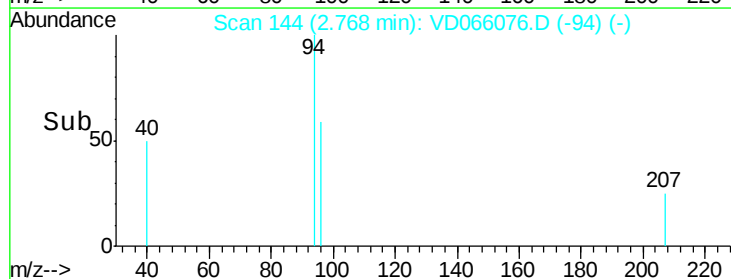
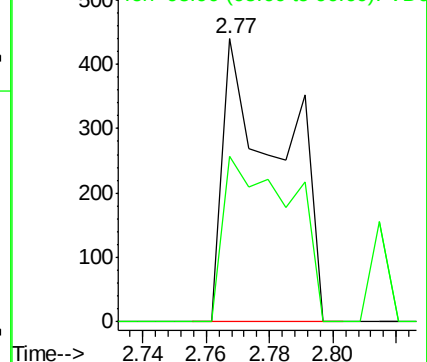
94 100

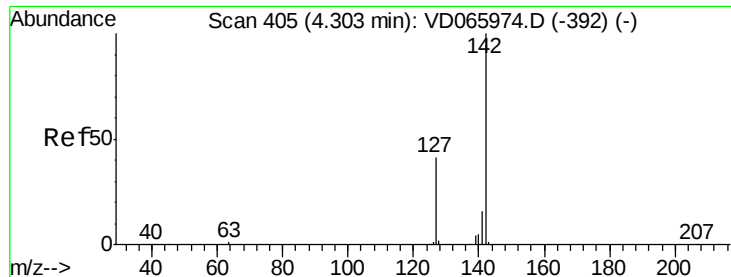
96 58.5 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

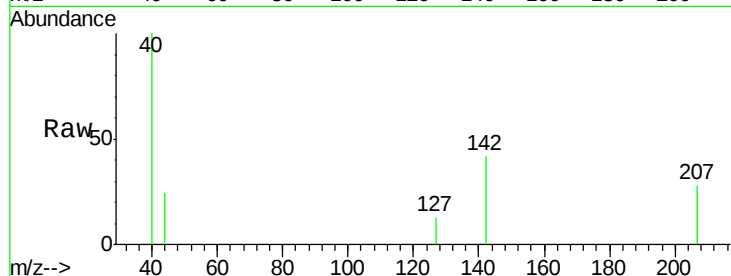




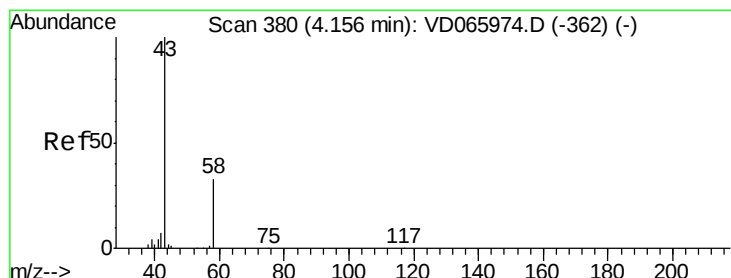
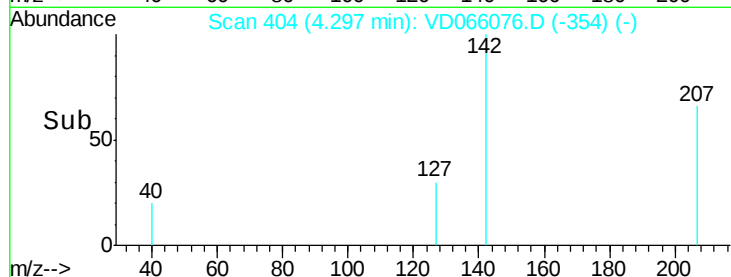
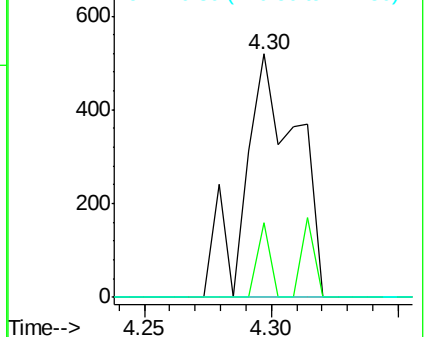
#10
Methvl Iodide
Concen: 9.071 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 751
Ion Ratio Lower Upper
142 100
127 7.5 32.9 49.3#
141 0.0 11.8 17.6#

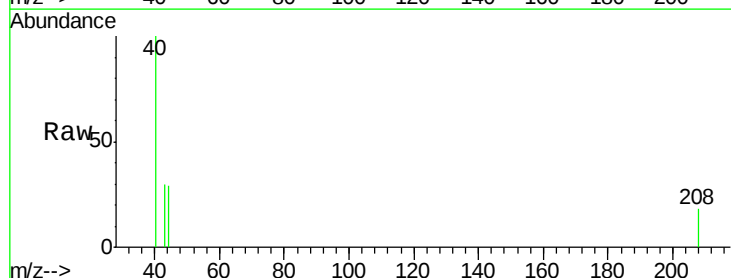


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

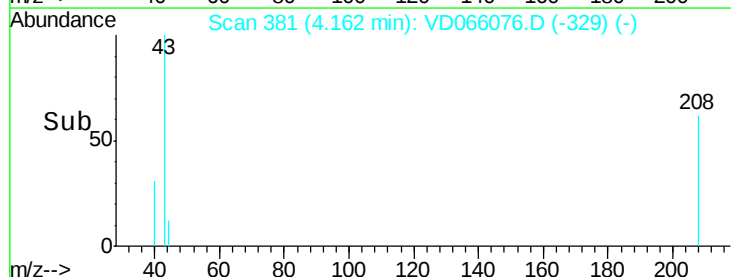
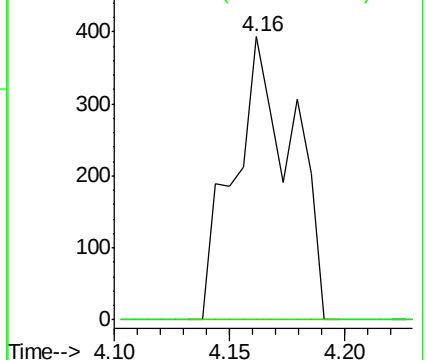


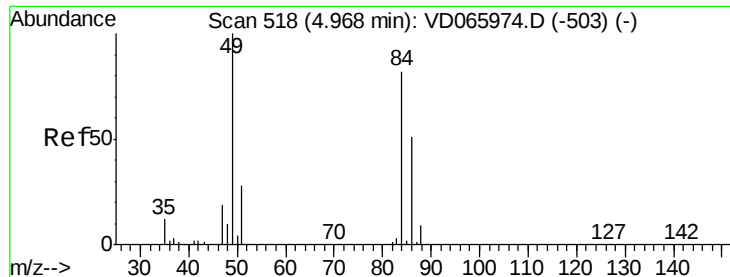
#16
Acetone
Concen: 1.548 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#20

Methvlene Chloride

Concen: 6.645 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 84 Resp: 22908

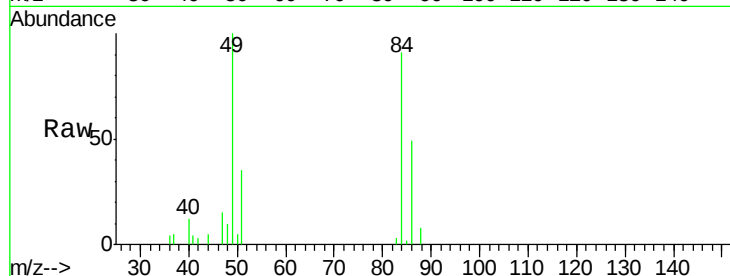
Ion Ratio Lower Upper

84 100

49 110.4 97.7 146.5

51 38.3 27.4 41.2

86 53.9 49.4 74.2

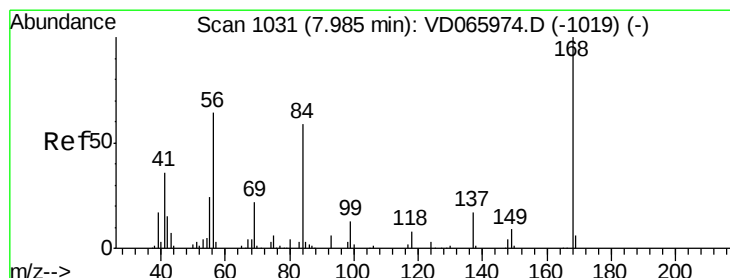
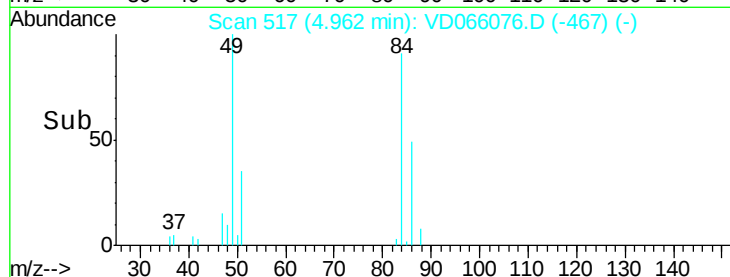
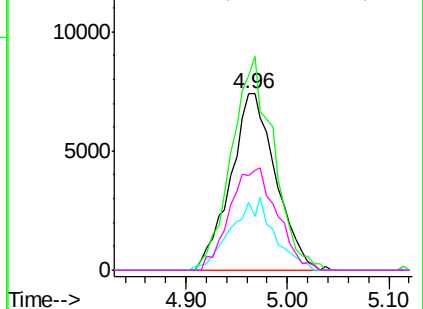


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.678 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

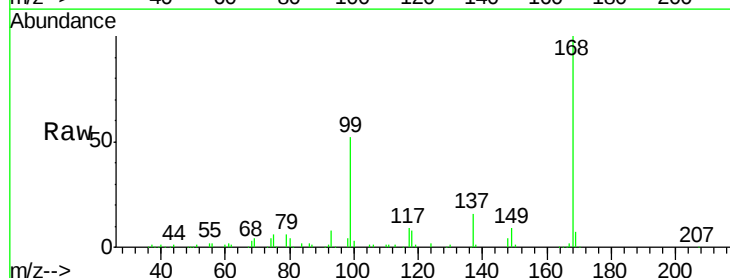
Tgt Ion: 56 Resp: 6702

Ion Ratio Lower Upper

56 100

69 159.7 28.0 42.0#

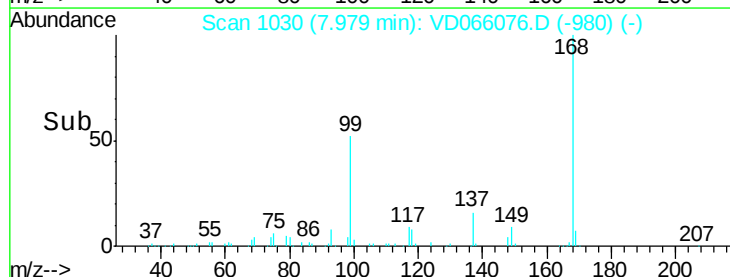
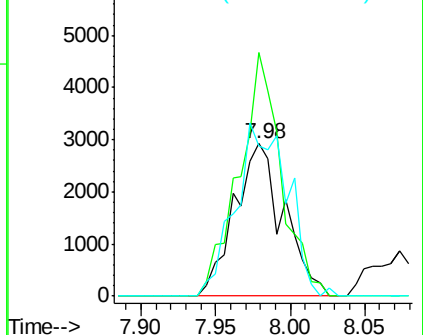
84 98.1 72.6 109.0

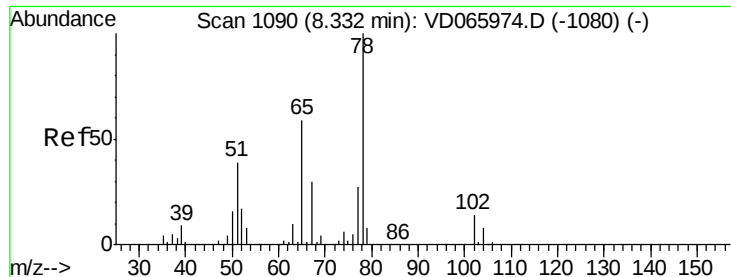


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.882 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

Instrument :

MSVOA_D

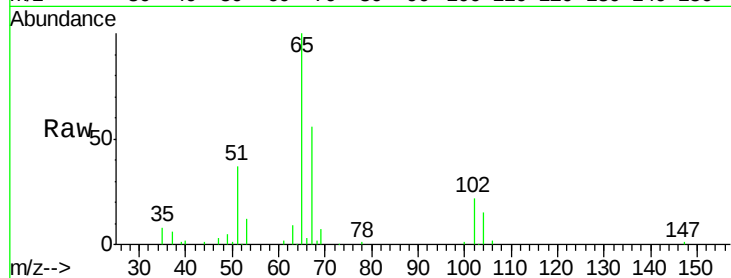
ClientSampleId :

Tot Ion: 65 Resp: 115228

Ion Ratio Lower Upper

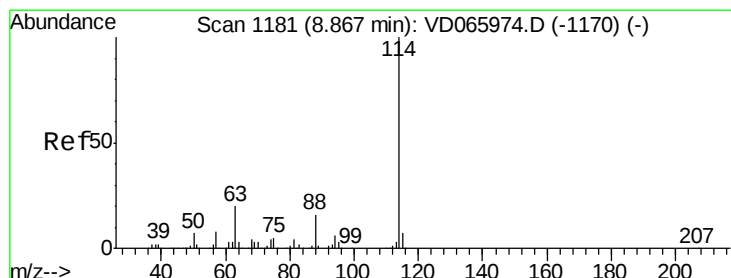
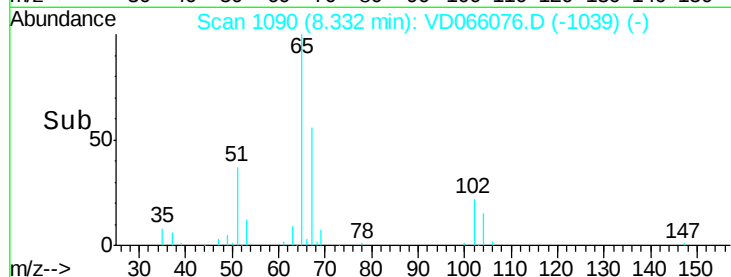
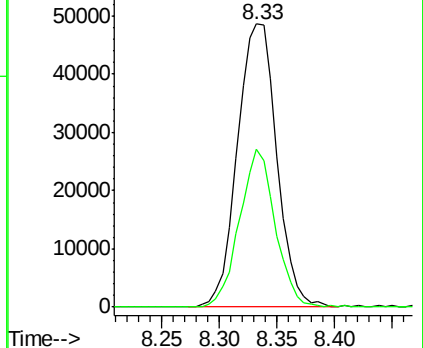
65 100

67 50.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

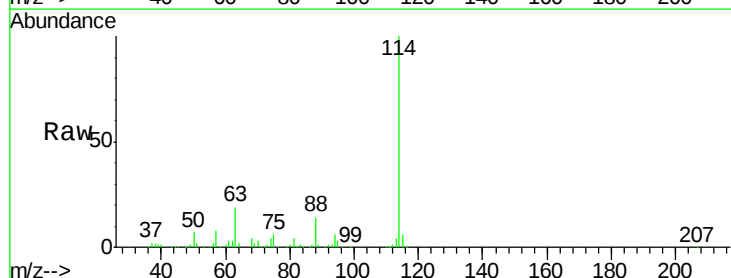
Tgt Ion: 114 Resp: 417792

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

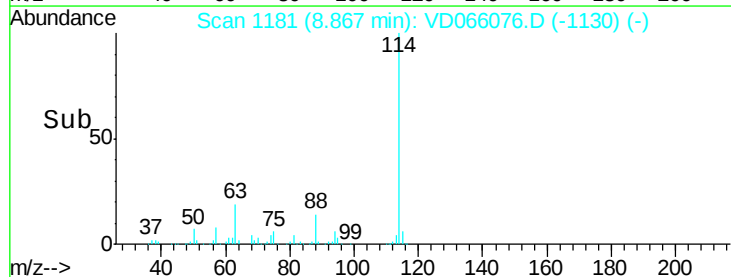
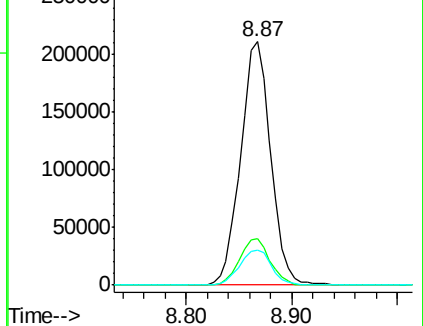
88 14.3 0.0 31.2

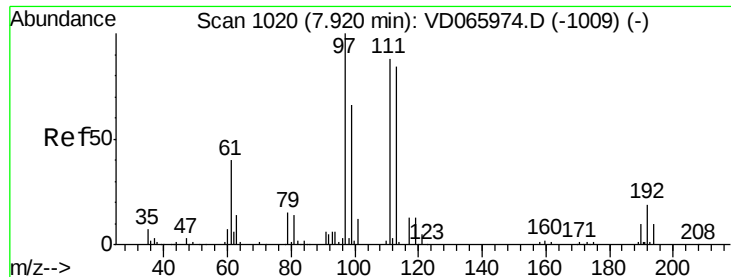


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

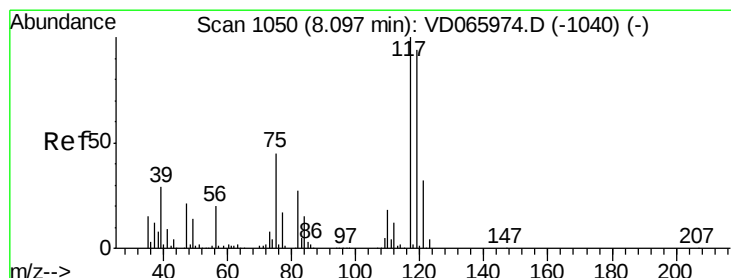
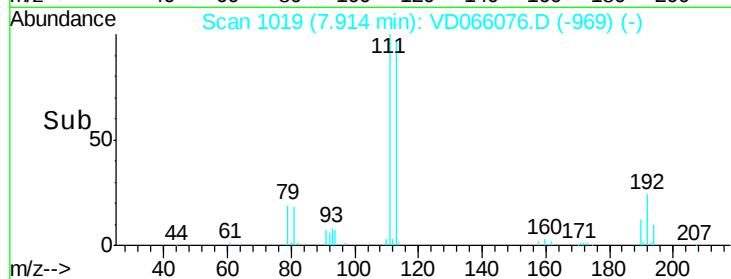
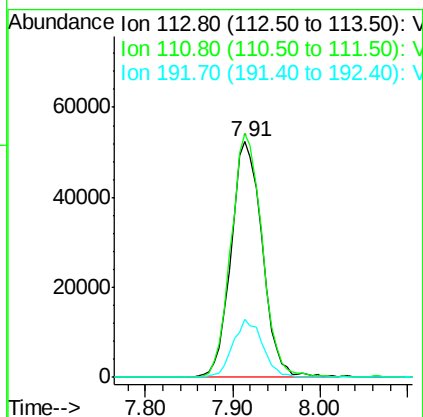
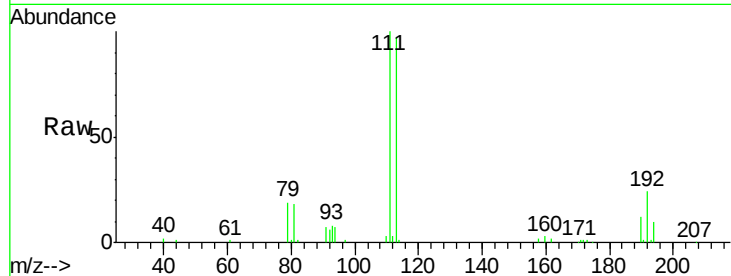




#35
 Dibromofluoromethane
 Concen: 49.931 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066076.D
 Acq: 28 Jul 2020 13:21

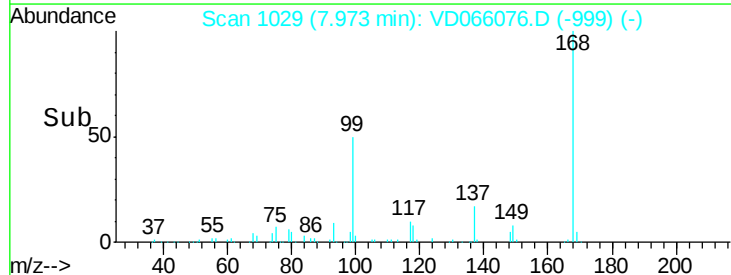
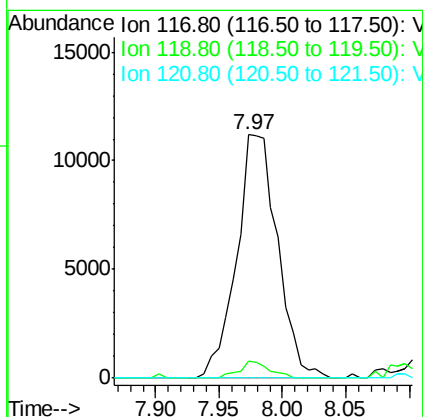
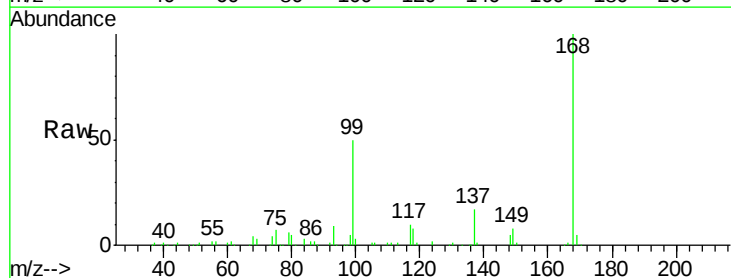
Instrument :
 MSVOA_D
 ClientSampleId :

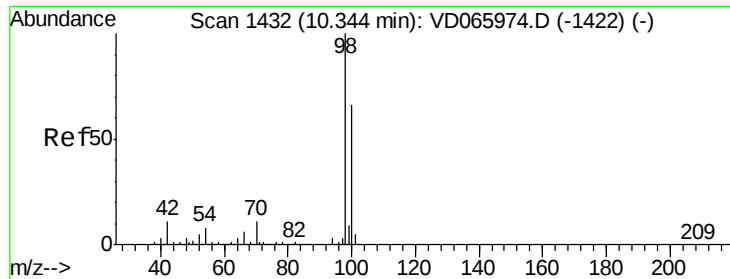
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	23.3	18.7	28.1



#38
 Carbon Tetrachloride
 Concen: 6.503 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066076.D
 Acq: 28 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.0	112.6#
121	0.0	25.5	38.3#

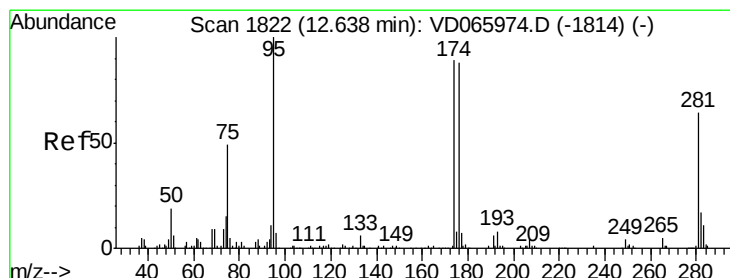
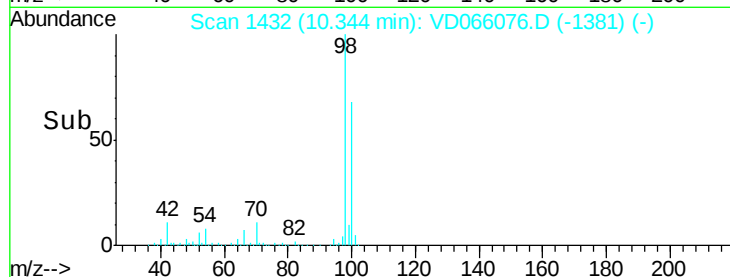
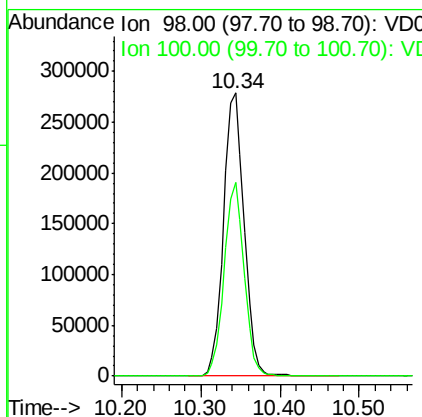
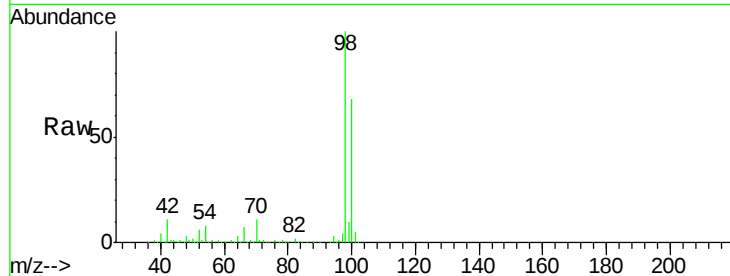




#50
Toluene-d8
Concen: 53.198 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

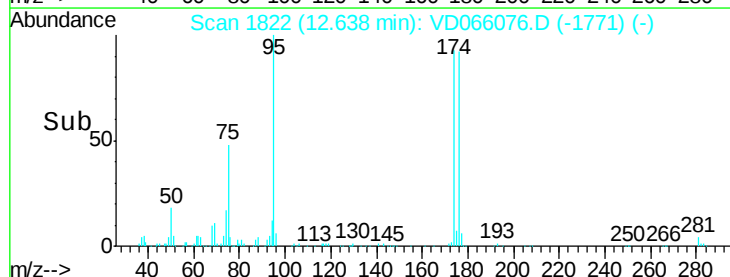
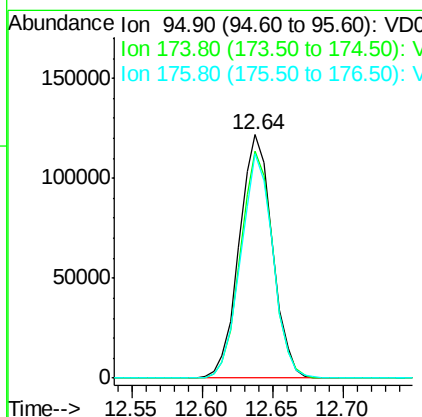
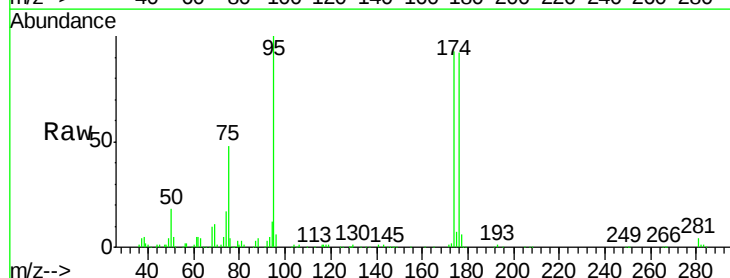
Instrument :
MSVOA_D
ClientSampleId :

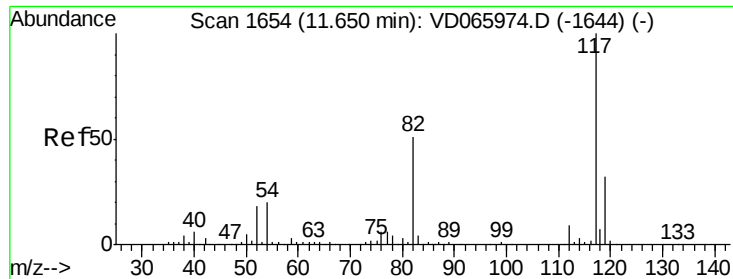
Tot Ion: 98 Resp: 502183
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 61.130 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

Tgt Ion: 95 Resp: 200090
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.8
176 89.5 0.0 172.6

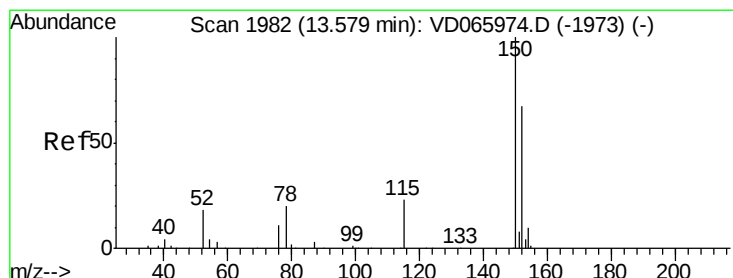
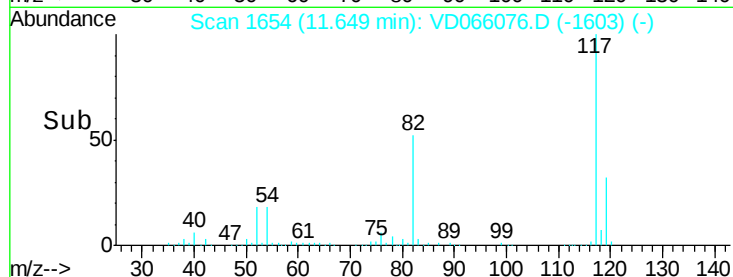
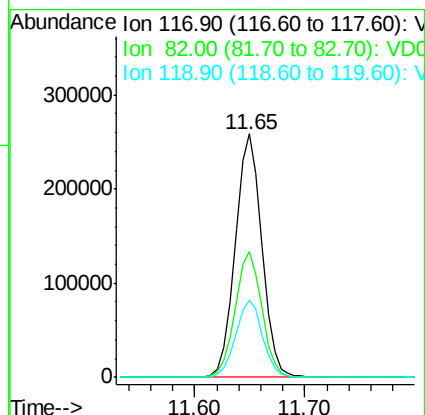
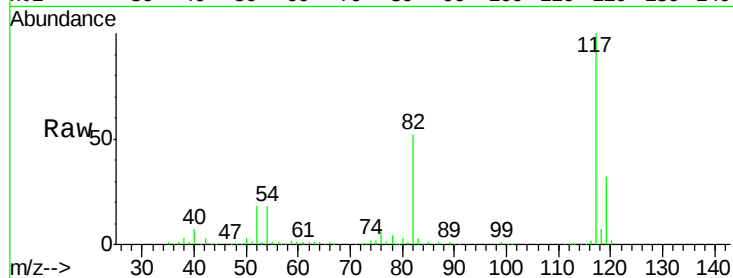




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

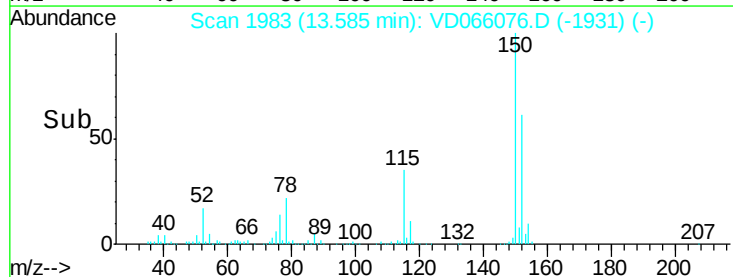
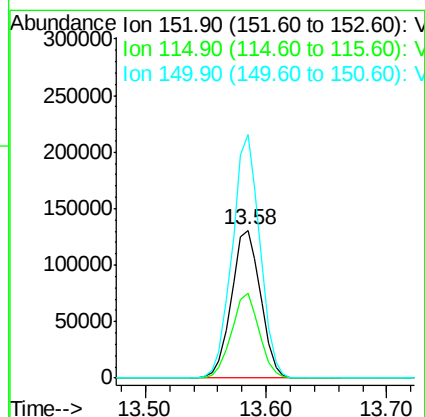
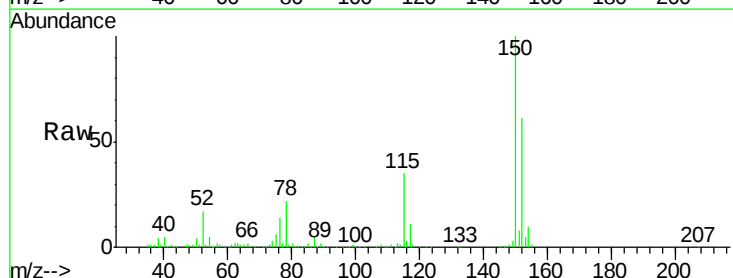
Instrument :
MSVOA_D
ClientSampleId :

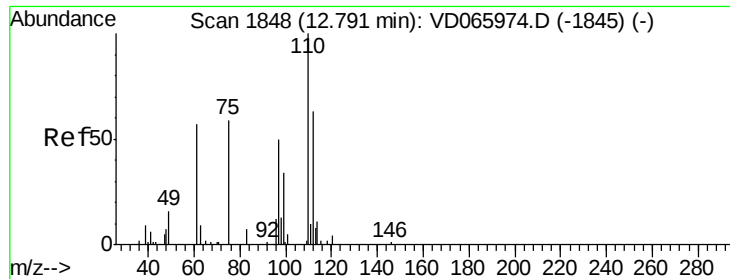
Tot Ion:117 Resp: 436076
Ion Ratio Lower Upper
117 100
82 51.6 41.1 61.7
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

Tgt Ion:152 Resp: 219035
Ion Ratio Lower Upper
152 100
115 55.0 27.9 83.7
150 156.9 0.0 348.2

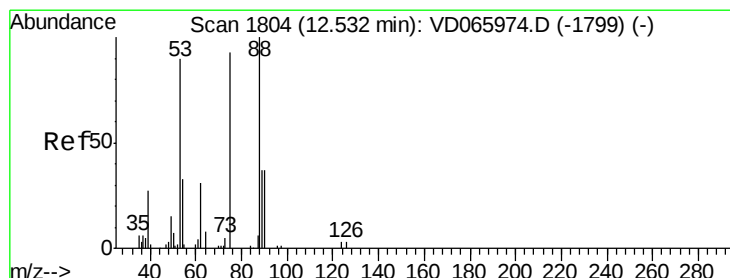
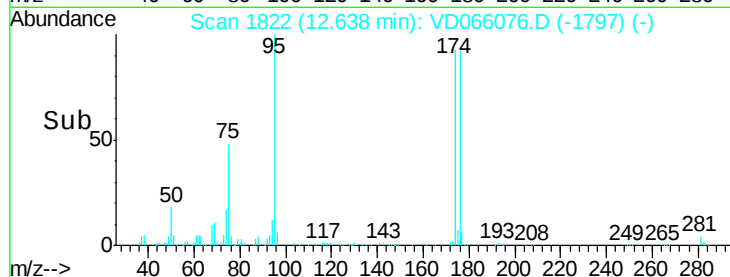
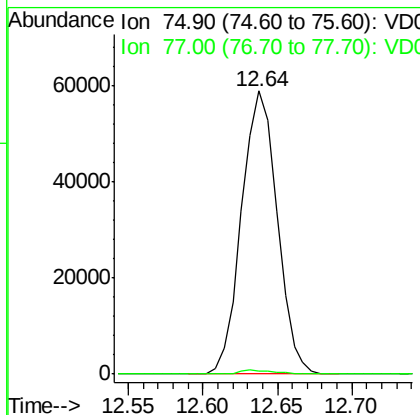
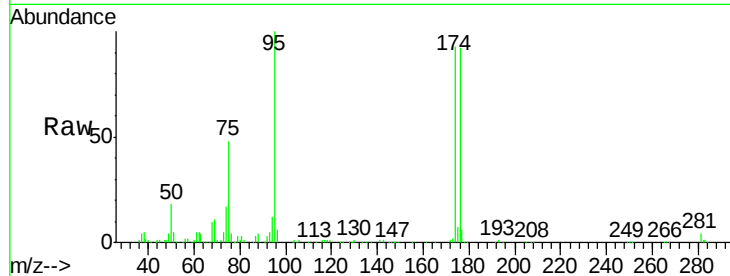




#76
 1,2,3-Trichloropropane
 Concen: 59.241 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066076.D
 Acq: 28 Jul 2020 13:21

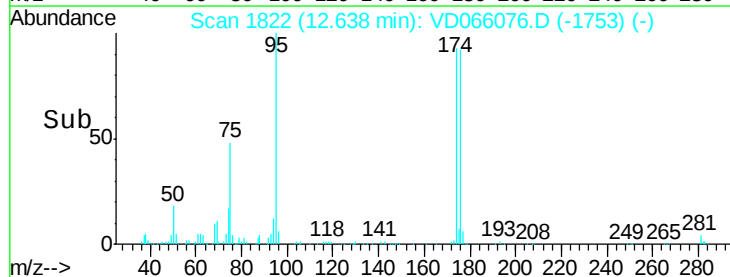
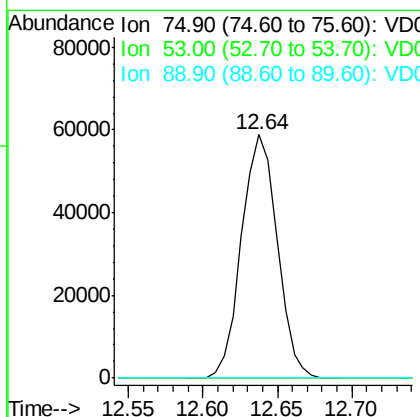
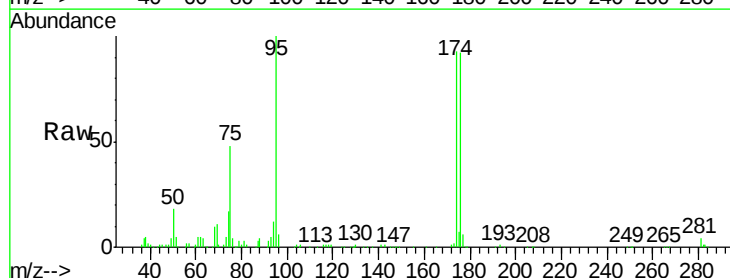
Instrument :
 MSVOA_D
 ClientSampleId :

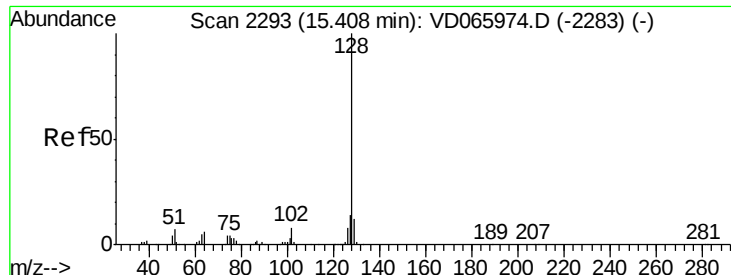
Tot Ion: 75 Resp: 97702
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.938 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066076.D
 Acq: 28 Jul 2020 13:21

Tgt Ion: 75 Resp: 97702
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.8 115.2#
 89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 3.751 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

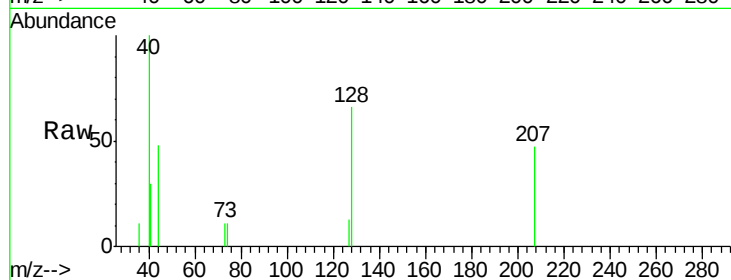
Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :



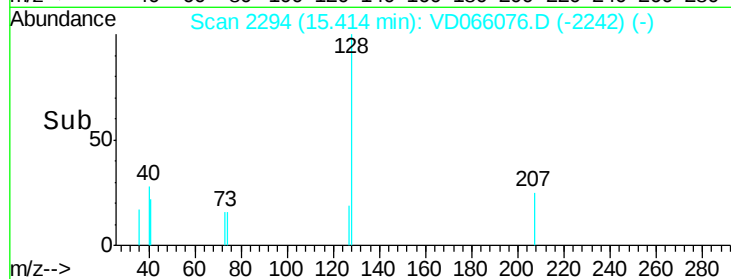
Tot Ion:128 Resp: 1527

Ion Ratio Lower Upper

128 100

127 10.2 10.8 16.2#

129 0.0 8.9 13.3#



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

