

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066092.D
 Acq On : 29 Jul 2020 16:32
 Operator : VA/SY
 Sample : L3489-08
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:31:51 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

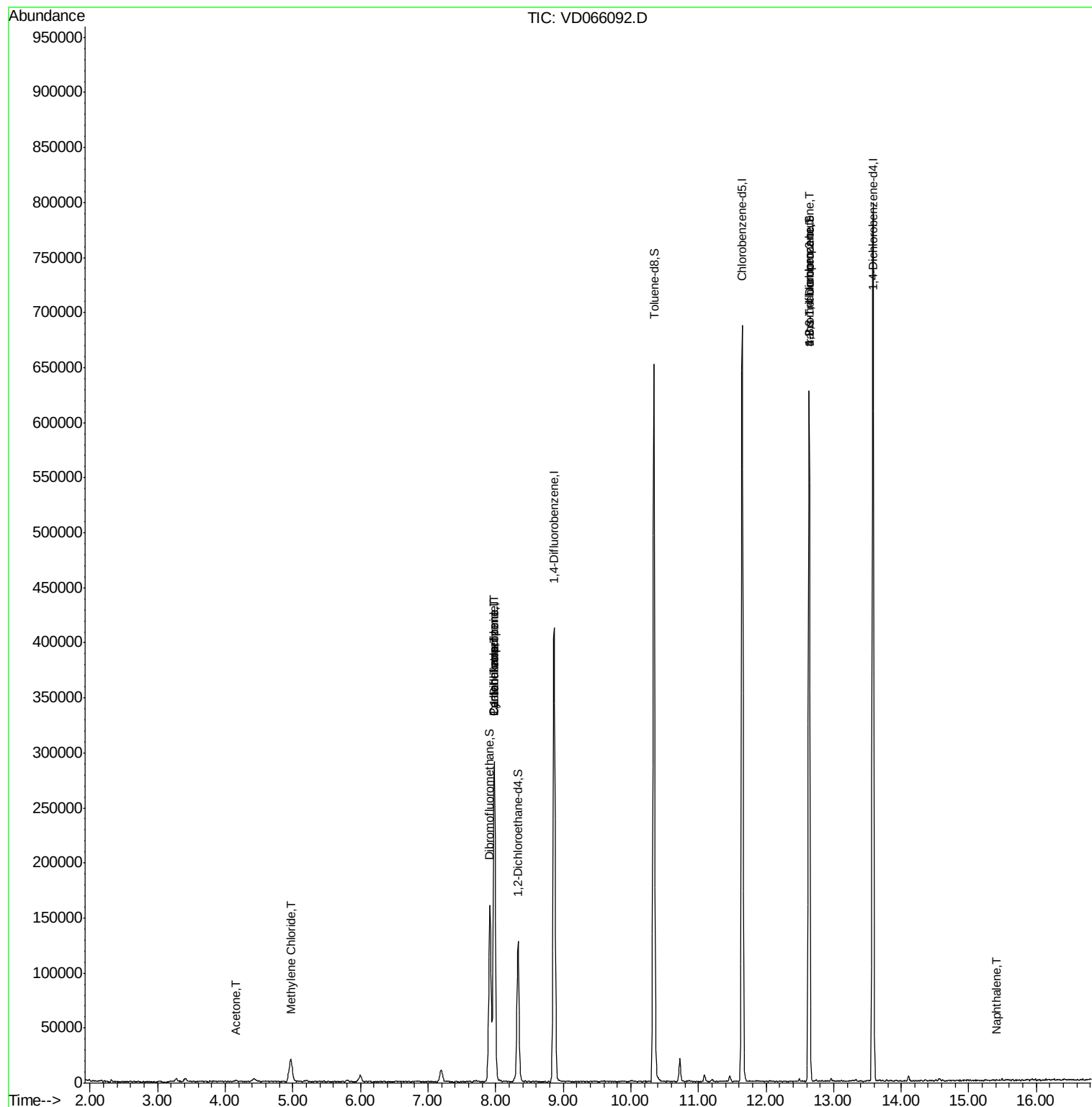
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	231671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	369630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	223674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102527	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.92	113	114928	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	10.34	98	455142	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
62) 4-Bromofluorobenzene	12.64	95	191860	66.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	262	Below Cal	#	83
16) Acetone	4.16	43	2396	6.279	ug/l	91
20) Methylene Chloride	4.97	84	16910	5.368	ug/l	92
31) Cyclohexane	7.97	56	4712	1.390	ug/l #	17
36) 1,1-Dichloropropene	7.98	75	15325	4.858	ug/l #	51
38) Carbon Tetrachloride	7.98	117	21473	6.273	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	96664	57.396	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	96664	131.705	ug/l #	11
95) Naphthalene	15.41	128	165	3.569	ug/l #	68

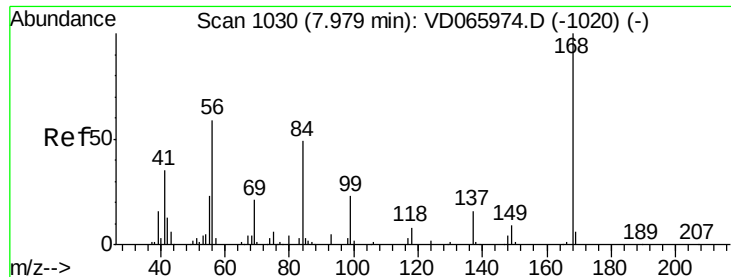
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066092.D

Acq: 29 Jul 2020 16:32

Instrument :

MSVOA_D

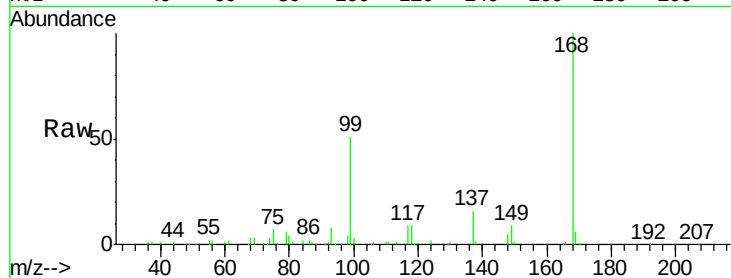
ClientSampleId :

Tot Ion:168 Resp: 231671

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

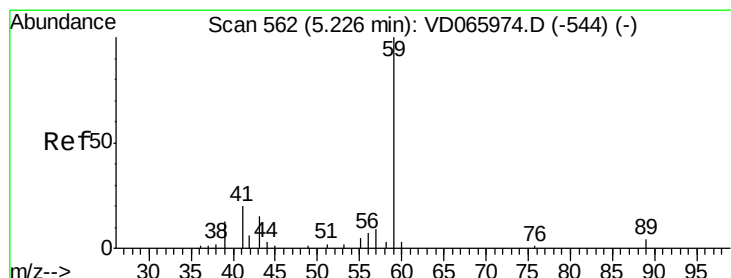
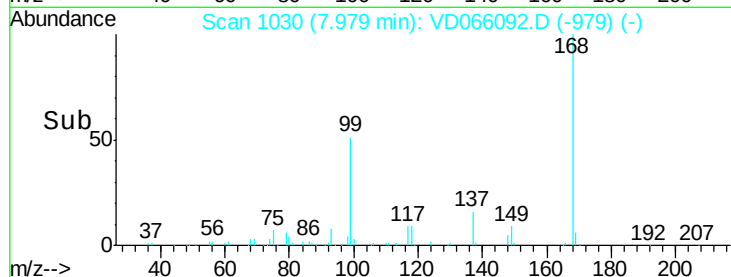
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 562

Delta R.T. 0.00 min

Lab File: VD066092.D

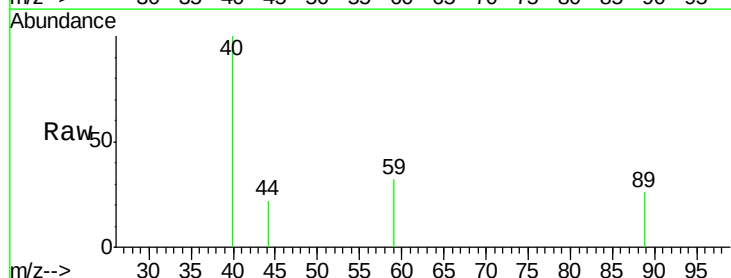
Acq: 29 Jul 2020 16:32

Tgt Ion: 59 Resp: 262

Ion Ratio Lower Upper

59 100

57 0.0 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

400

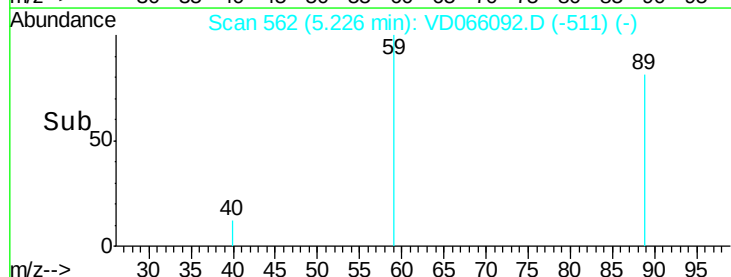
300

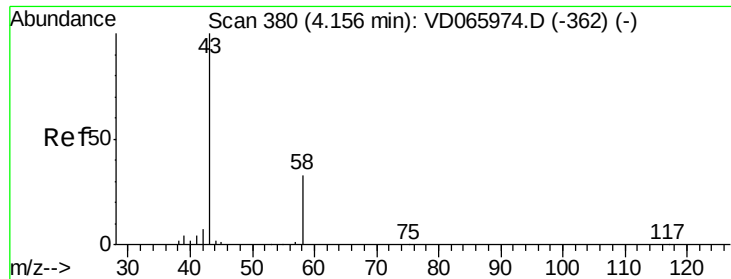
200

100

0

Time-->





#16

Acetone

Concen: 6.279 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066092.D

Acq: 29 Jul 2020 16:32

Instrument :

MSVOA_D

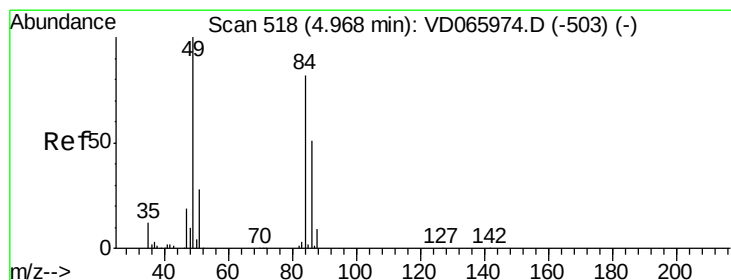
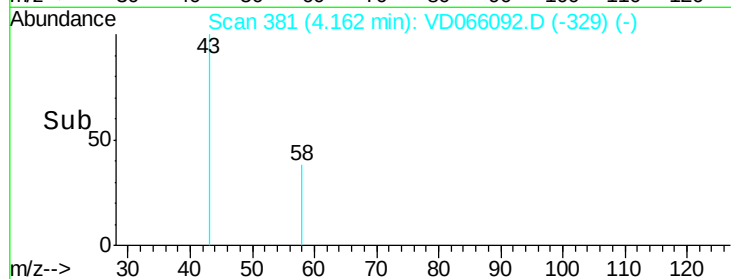
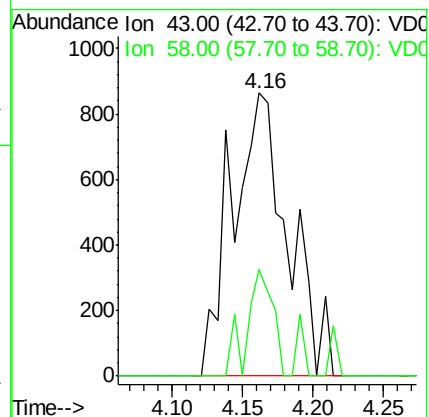
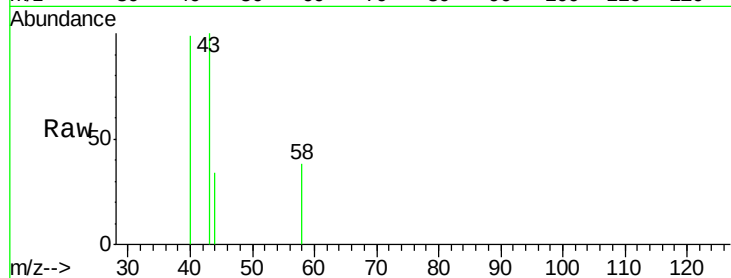
ClientSampleId :

Tot Ion: 43 Resp: 2396

Ion Ratio Lower Upper

43 100

58 37.7 26.3 39.5



#20

Methylene Chloride

Concen: 5.368 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066092.D

Acq: 29 Jul 2020 16:32

Tgt Ion: 84 Resp: 16910

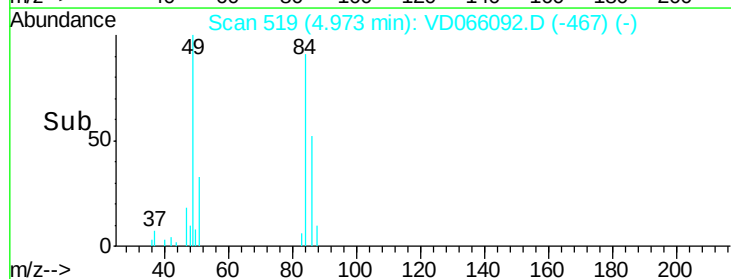
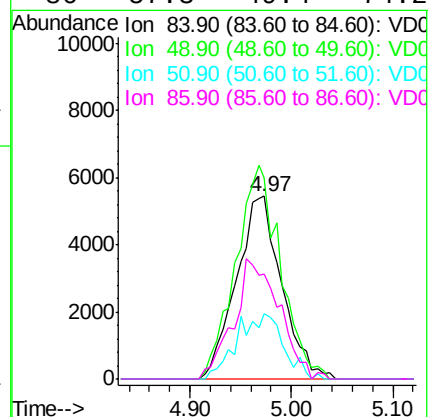
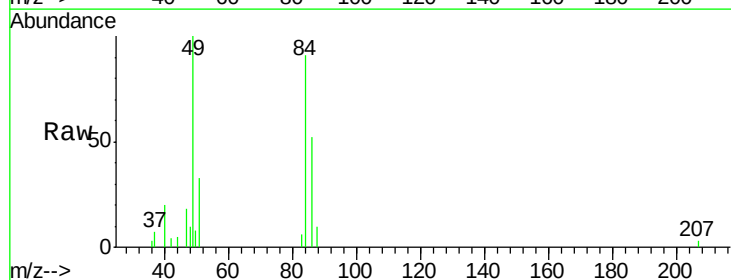
Ion Ratio Lower Upper

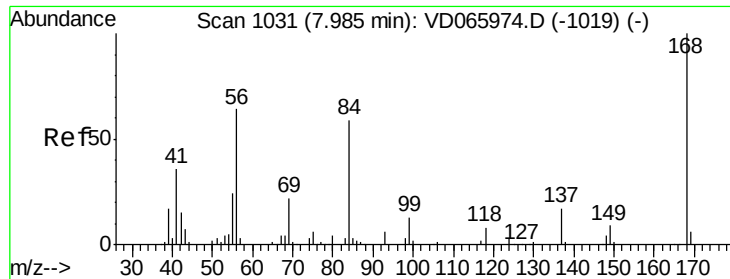
84 100

49 110.0 97.7 146.5

51 36.0 27.4 41.2

86 57.3 49.4 74.2

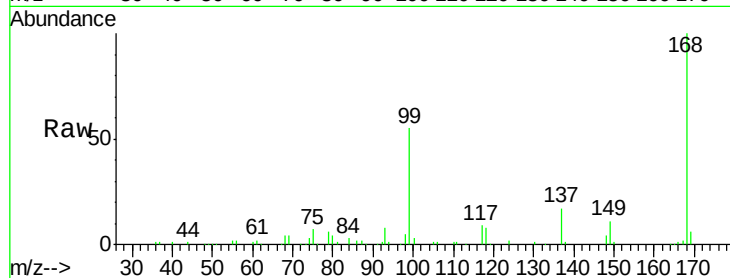




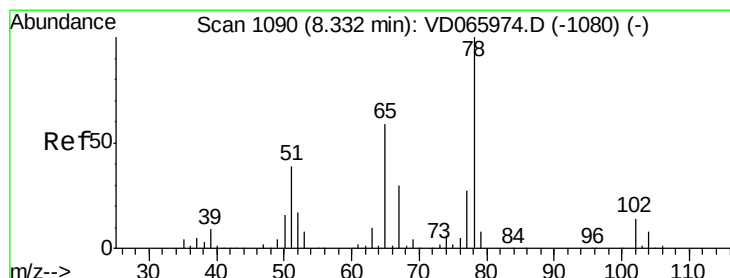
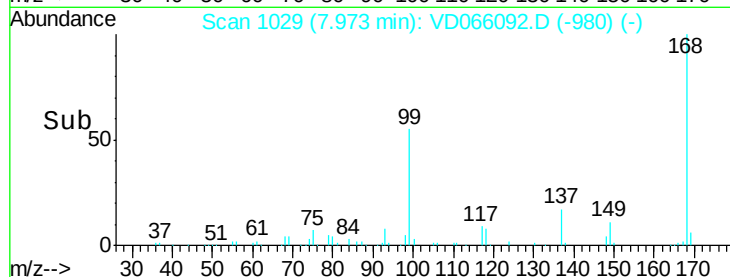
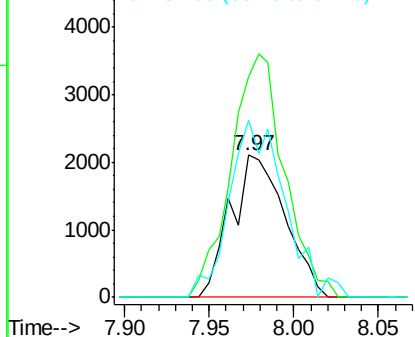
#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066092.D
Acq: 29 Jul 2020 16:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 4712
Ion Ratio Lower Upper
56 100
69 155.0 28.0 42.0#
84 124.7 72.6 109.0#

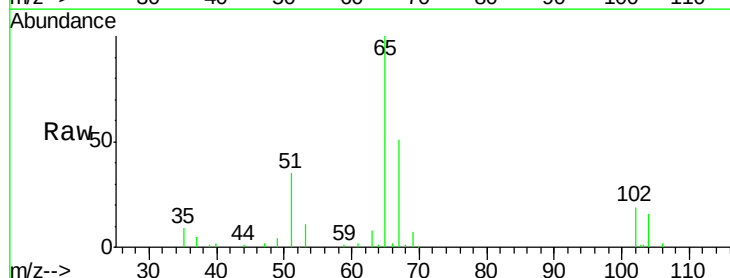


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

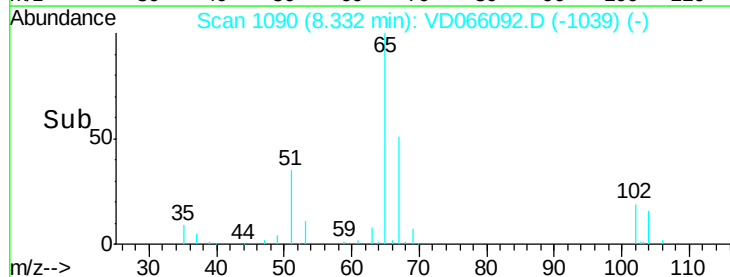
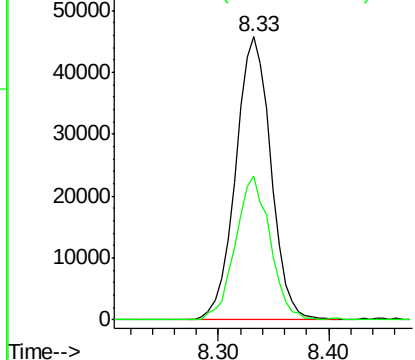


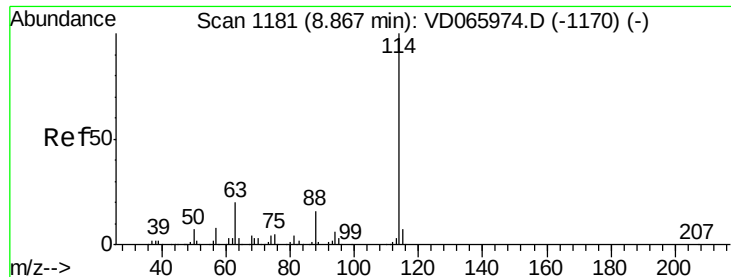
#33
1,2-Dichloroethane-d4
Concen: 54.389 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066092.D
Acq: 29 Jul 2020 16:32

Tgt Ion: 65 Resp: 102527
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

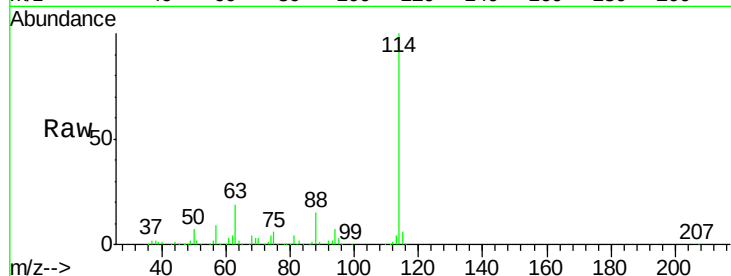




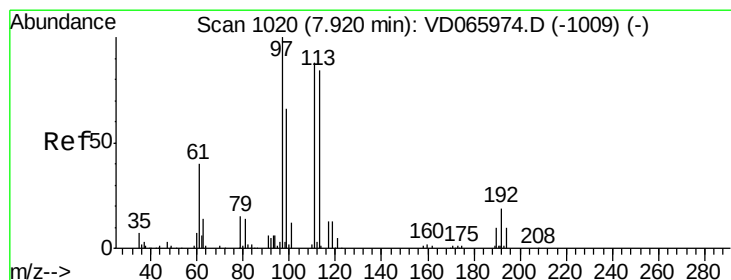
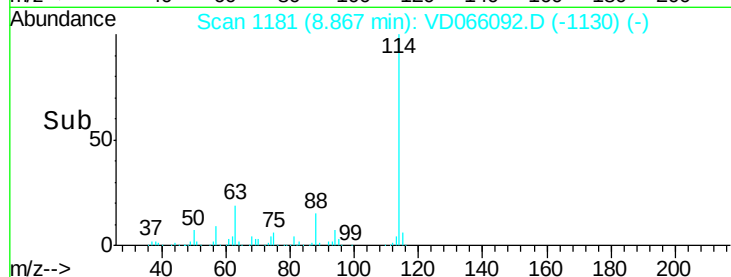
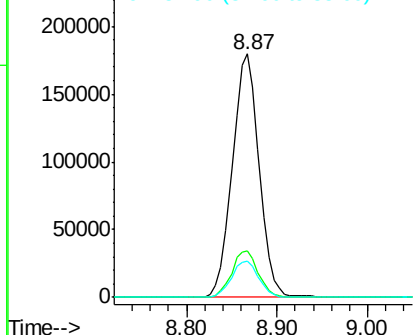
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066092.D
 Acq: 29 Jul 2020 16:32

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	114	Resp	369630
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	14.8	0.0	31.2

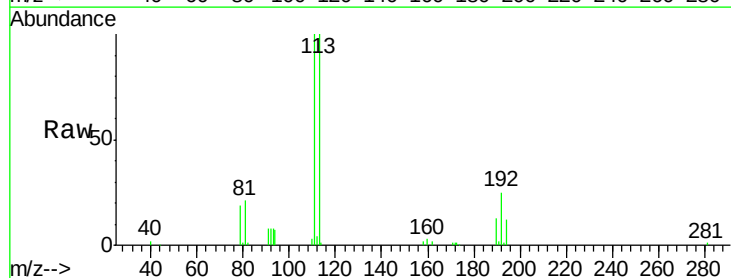


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

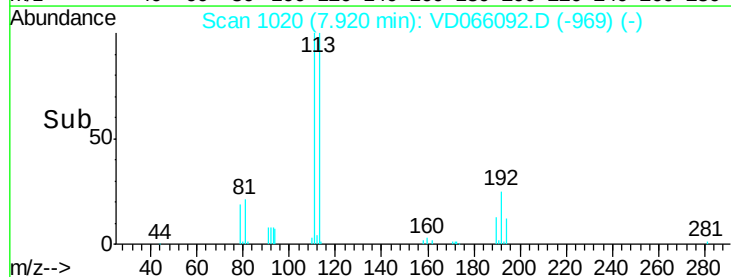
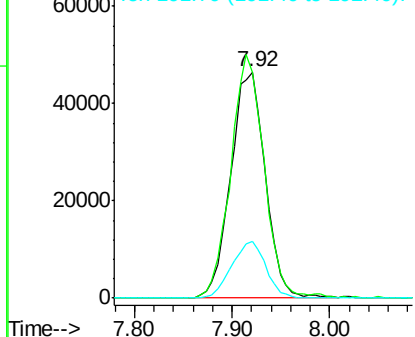


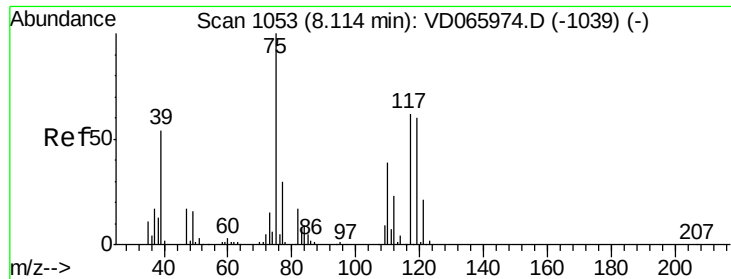
#35
 Dibromofluoromethane
 Concen: 51.263 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066092.D
 Acq: 29 Jul 2020 16:32

Tgt Ion	113	Resp	114928
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.2	124.8
192	24.6	18.7	28.1



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

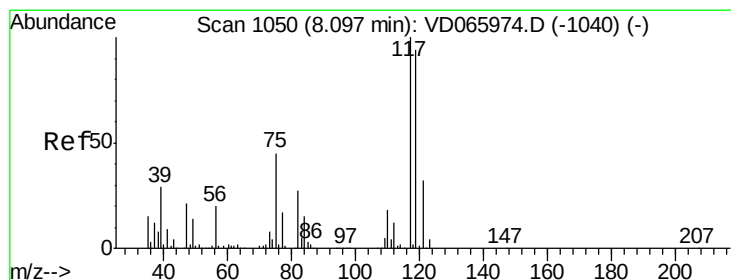
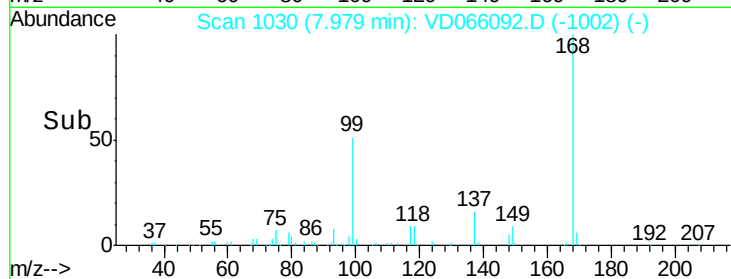
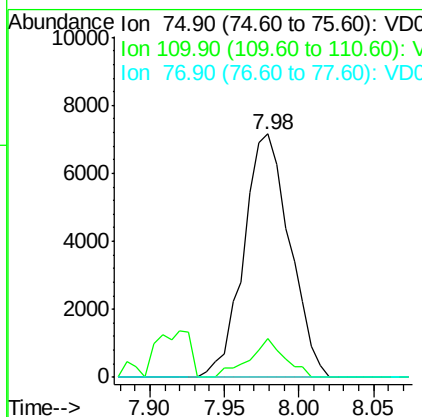
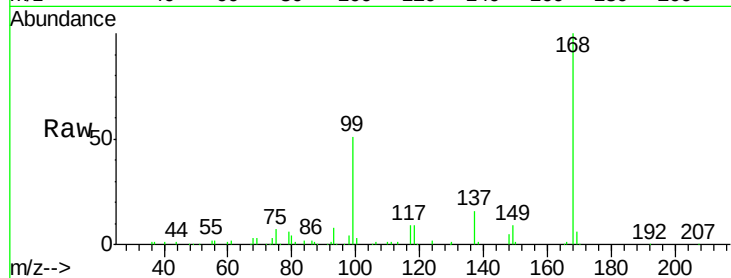




#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD066092.D
 Acq: 29 Jul 2020 16:32

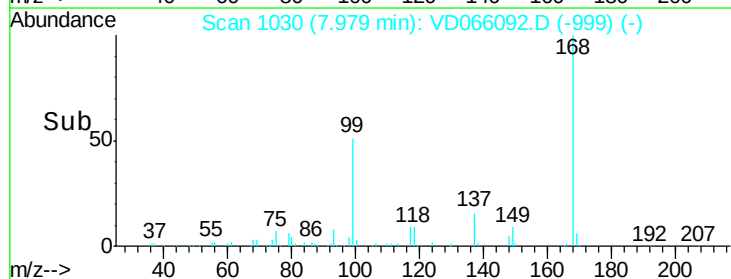
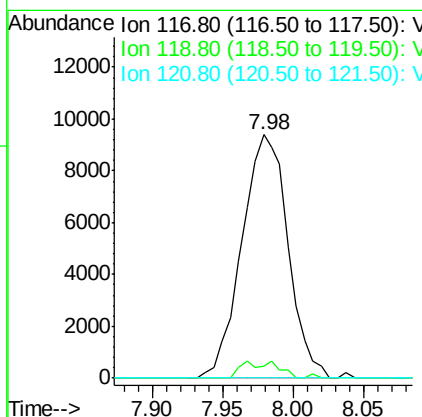
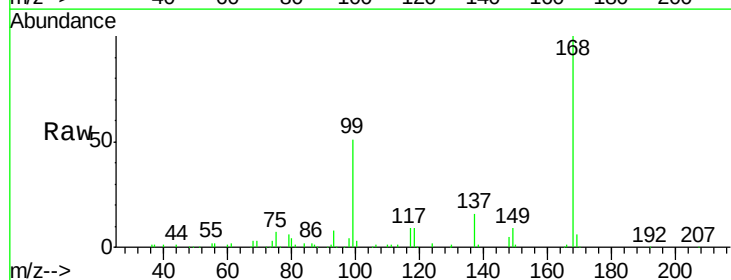
Instrument :
 MSVOA_D
 ClientSampleId :

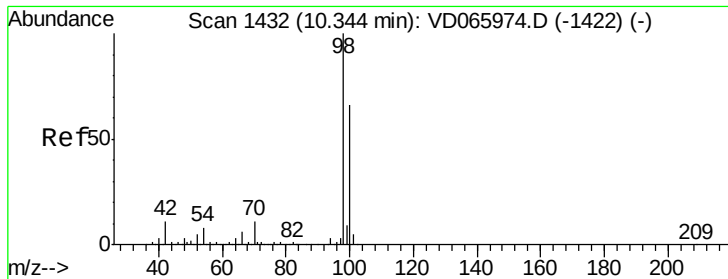
Tot Ion	75	Resp	15325
Ion Ratio	Lower	Upper	
75	100		
110	12.2	19.5	58.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.273 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066092.D
 Acq: 29 Jul 2020 16:32

Tgt Ion	117	Resp	21473
Ion Ratio	Lower	Upper	
117	100		
119	5.2	75.0	112.6#
121	0.0	25.5	38.3#

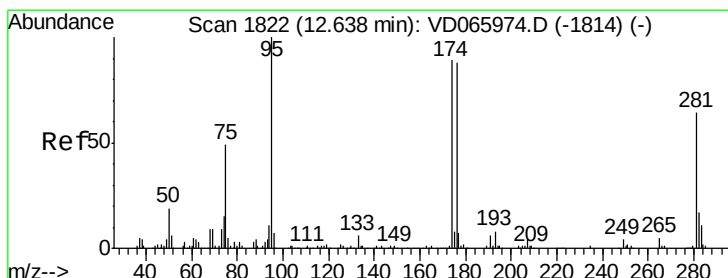
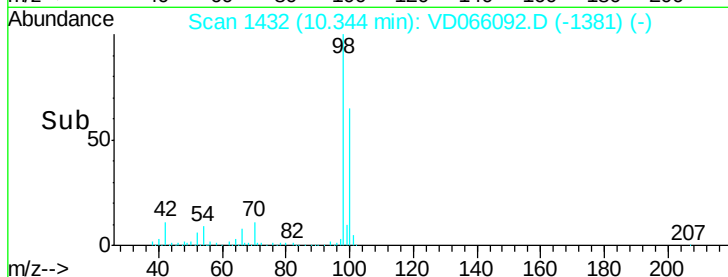
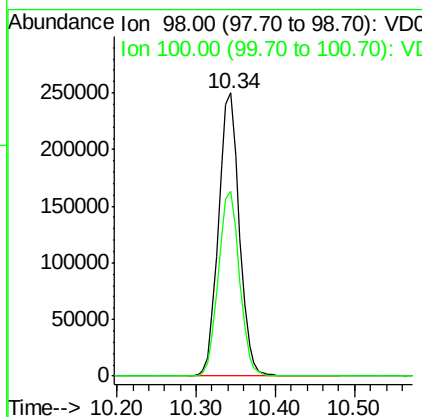
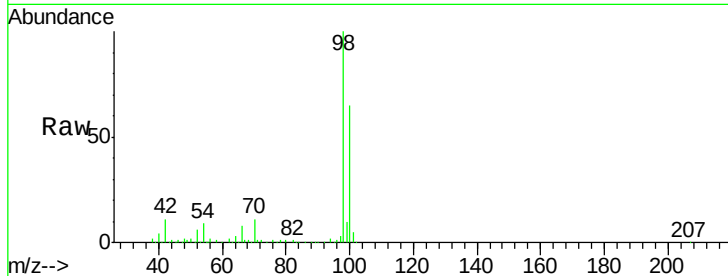




#50
Toluene-d8
Concen: 54.497 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066092.D
Acq: 29 Jul 2020 16:32

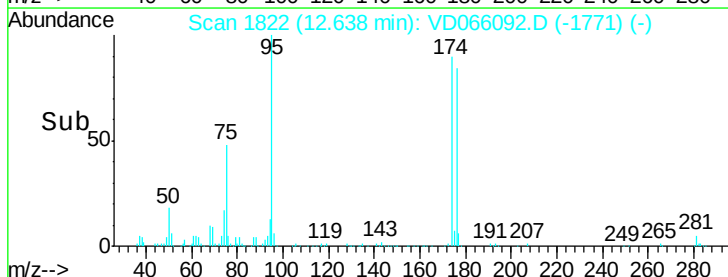
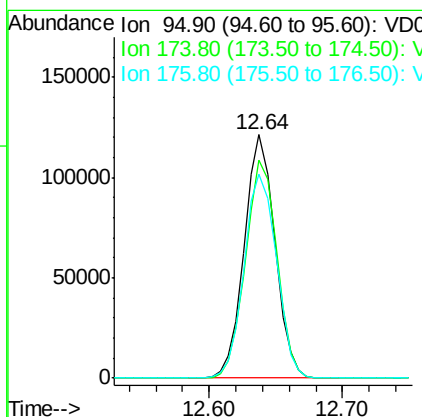
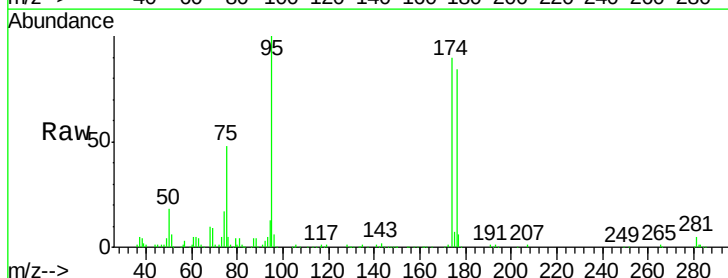
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MSVOA_D
ClientSampleId :

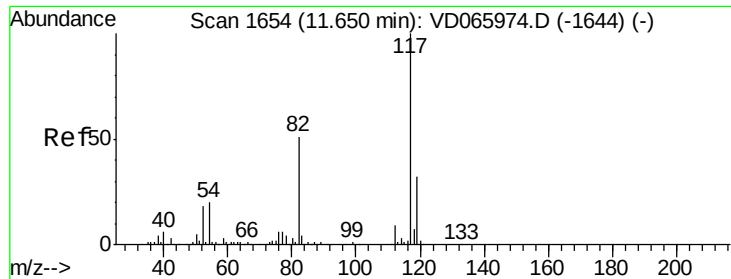
Tot Ion: 98 Resp: 455142
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 66.253 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066092.D
Acq: 29 Jul 2020 16:32

Tgt Ion: 95 Resp: 191860
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.8
176 88.9 0.0 172.6

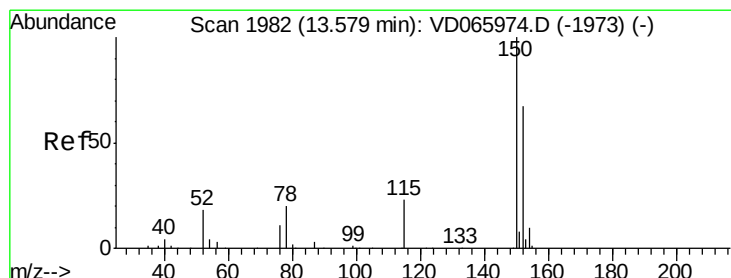
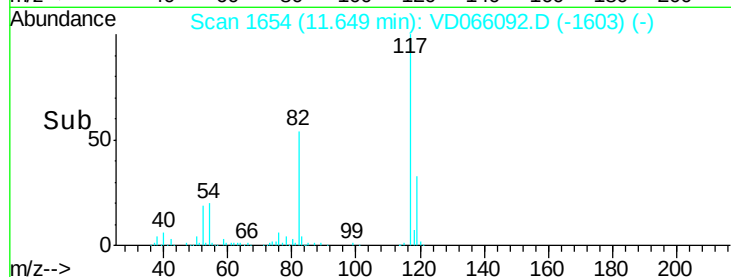
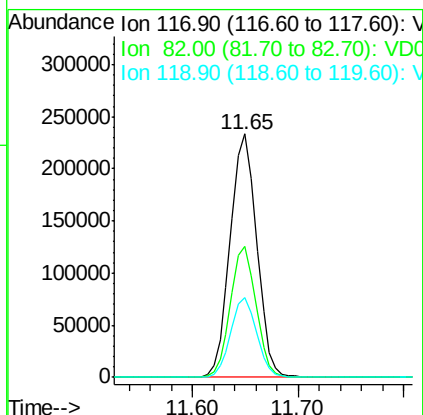
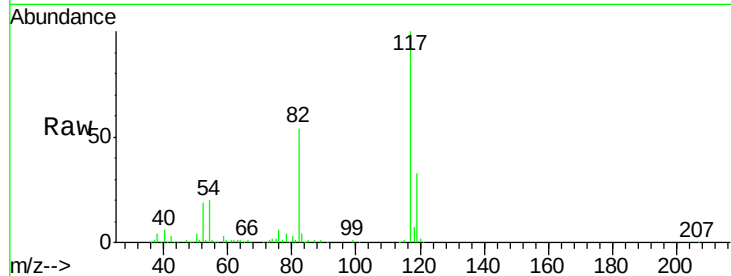




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066092.D
Acq: 29 Jul 2020 16:32

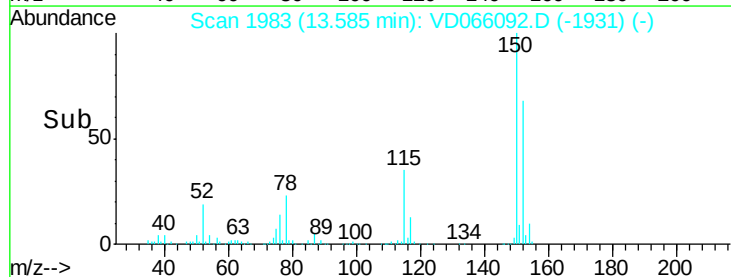
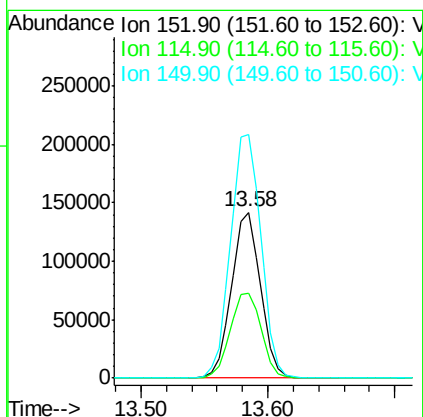
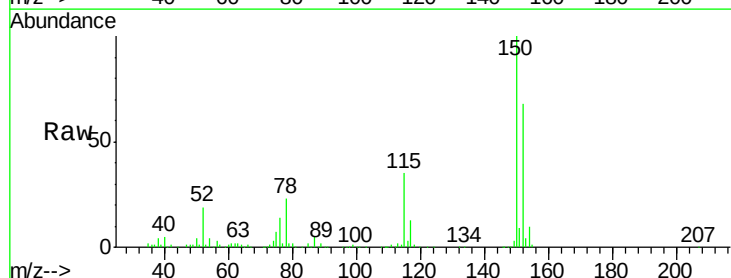
Instrument :
MSVOA_D
ClientSampleId :

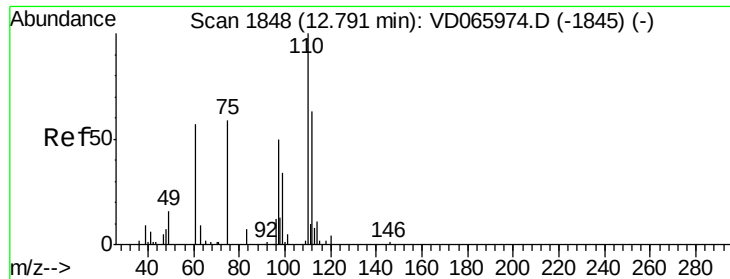
Tot Ion:117 Resp: 406069
Ion Ratio Lower Upper
117 100
82 54.0 41.1 61.7
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066092.D
Acq: 29 Jul 2020 16:32

Tgt Ion:152 Resp: 223674
Ion Ratio Lower Upper
152 100
115 55.0 27.9 83.7
150 154.5 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 57.396 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066092.D

Acq: 29 Jul 2020 16:32

Instrument :

MSVOA_D

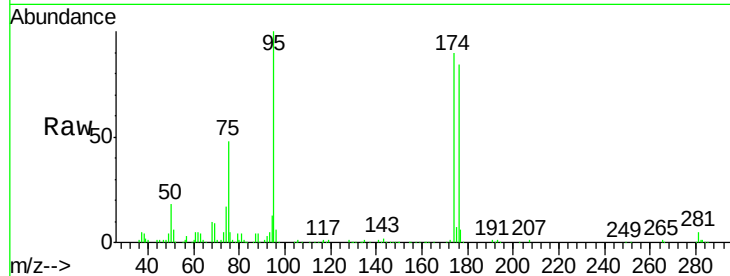
ClientSampleId :

Tot Ion: 75 Resp: 96664

Ion Ratio Lower Upper

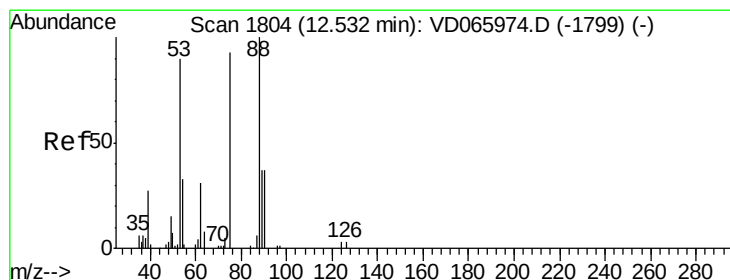
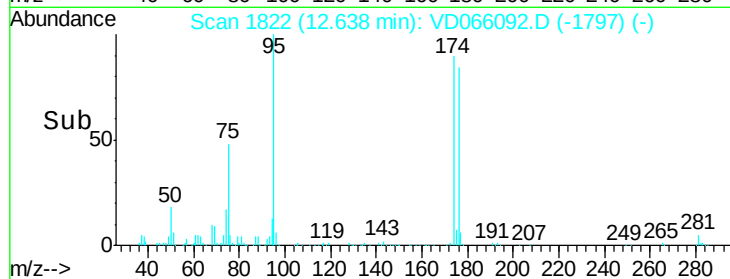
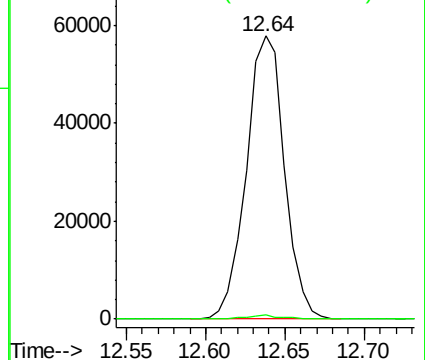
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 131.705 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066092.D

Acq: 29 Jul 2020 16:32

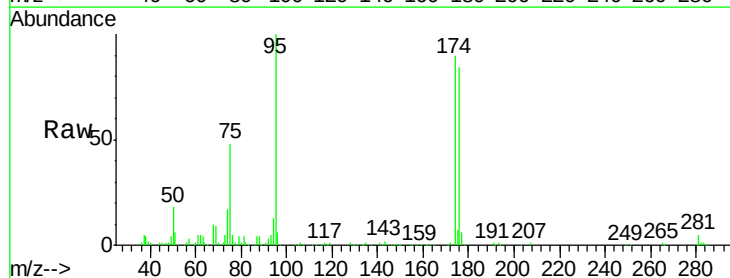
Tgt Ion: 75 Resp: 96664

Ion Ratio Lower Upper

75 100

53 0.0 76.8 115.2#

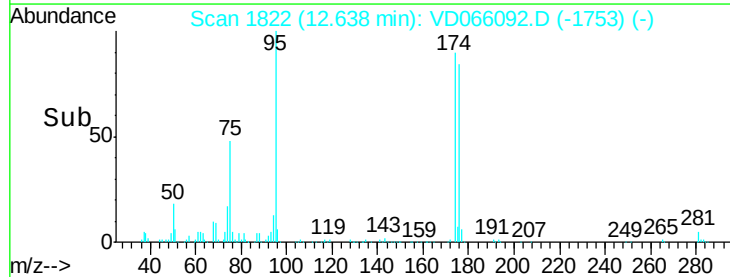
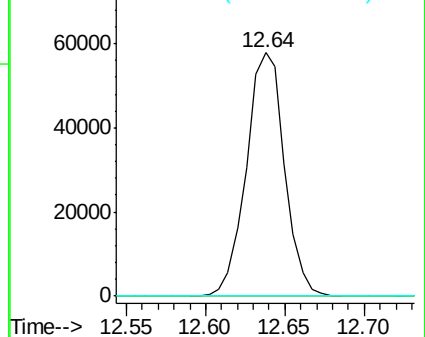
89 0.2 37.0 55.4#

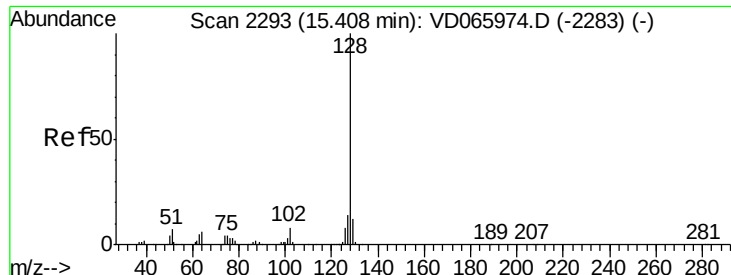


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95

Napthalene

Concen: 3.569 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

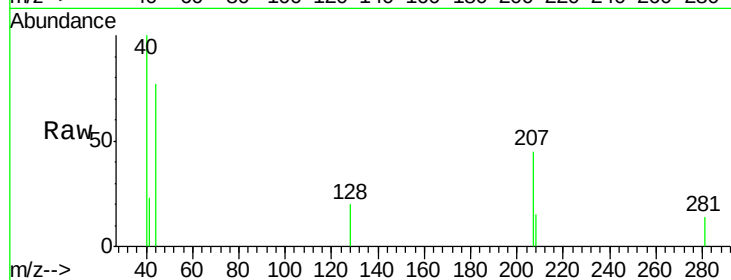
Lab File: VD066092.D

Acq: 29 Jul 2020 16:32

Instrument :

MSVOA_D

ClientSampleId :



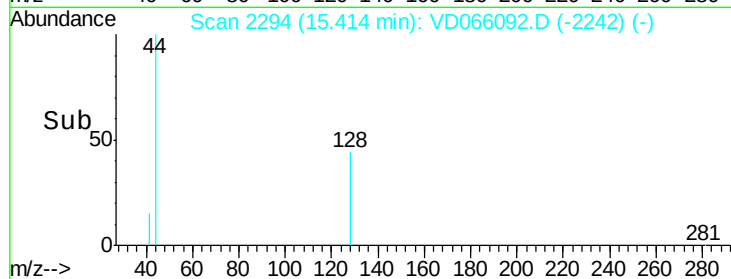
Tot Ion:128 Resp: 165

Ion Ratio Lower Upper

128 100

127 0.0 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

