

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066029.D
 Acq On : 23 Jul 2020 17:25
 Operator : VA/SY
 Sample : L3381-19
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225-GRID-B5

Quant Time: Jul 24 03:07:44 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	312569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	488833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255489	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	126633	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
35) Dibromofluoromethane	7.92	113	147999	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	593143	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.64	95	230106	60.08	ug/l	0.00
Spiked Amount			Recovery	=	120.16%	

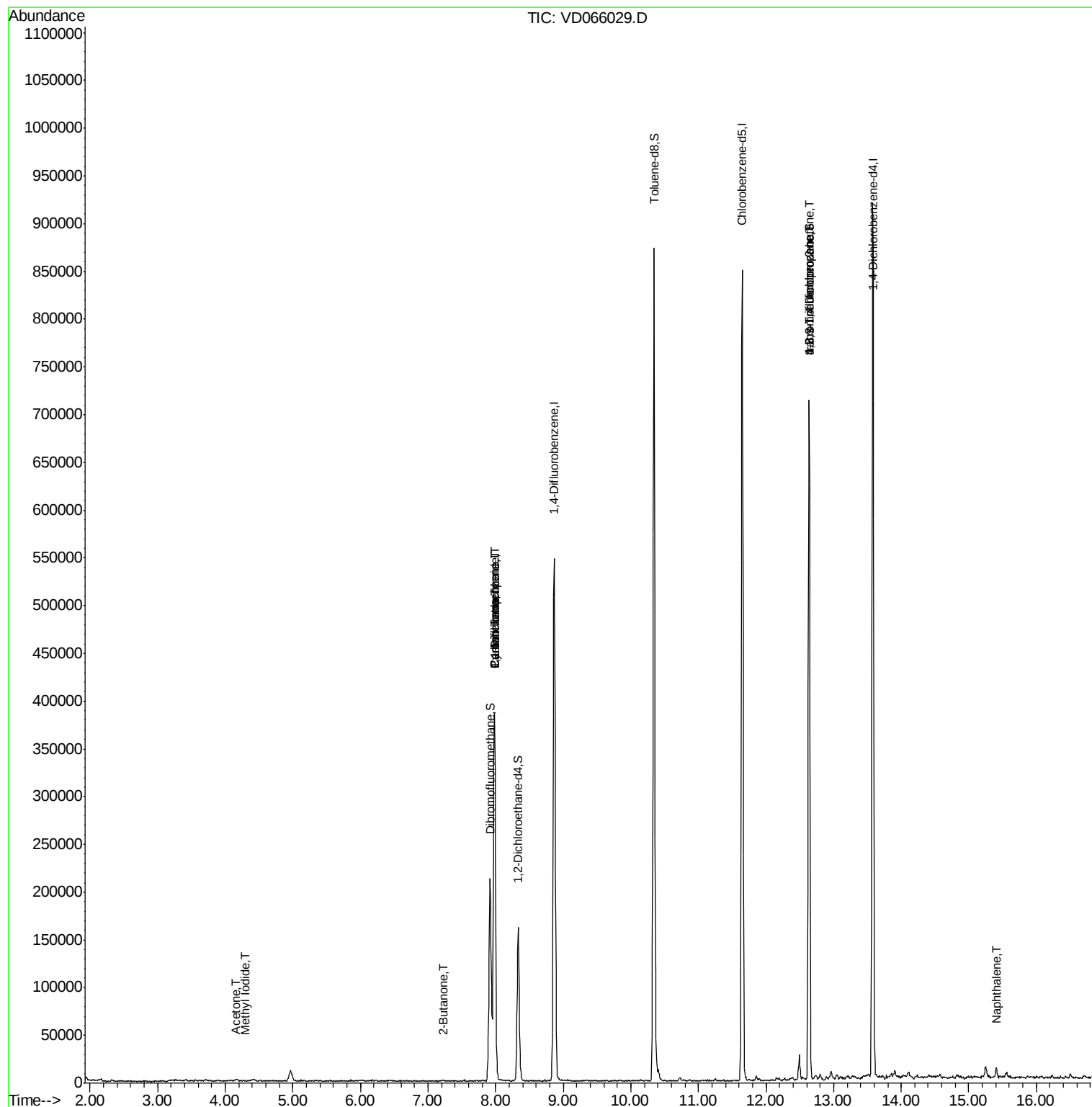
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	117	8.848	ug/l #	42
16) Acetone	4.16	43	1613	3.133	ug/l #	71
20) Methylene Chloride	4.97	84	7929	Below Cal		98
25) 2-Butanone	7.22	43	733	1.073	ug/l #	50
31) Cyclohexane	7.98	56	5548	1.213	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	21360	5.120	ug/l #	49
38) Carbon Tetrachloride	7.98	117	27925	6.169	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	112705	58.588	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	112705	134.438	ug/l #	11
95) Naphthalene	15.41	128	9954	4.687	ug/l #	97

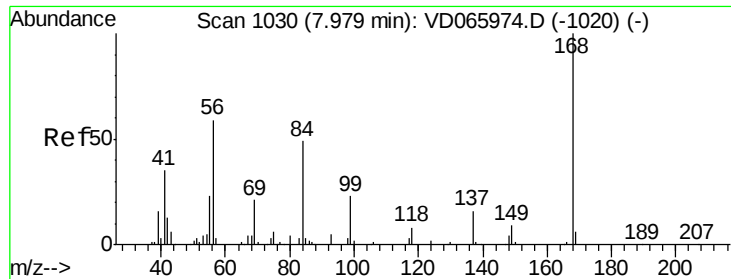
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066029.D
Acq On : 23 Jul 2020 17:25
Operator : VA/SY
Sample : L3381-19
Misc : 7.61G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-225-GRID-B5

Quant Time: Jul 24 03:07:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
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# 1031

Delta R.T. 0.01 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

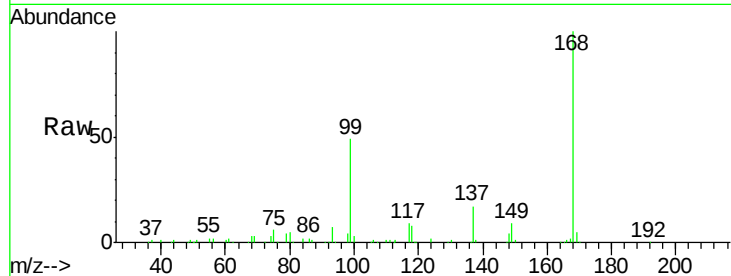
VNJ-225-GRID-B5

Tot Ion:168 Resp: 312569

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

150000

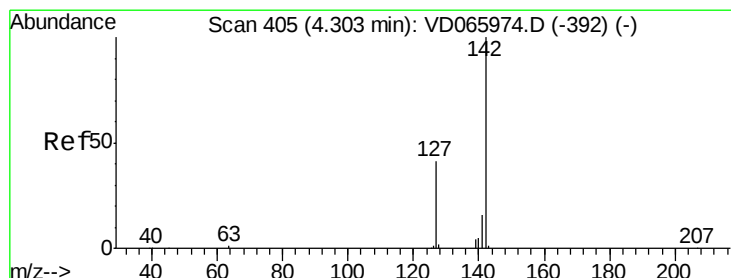
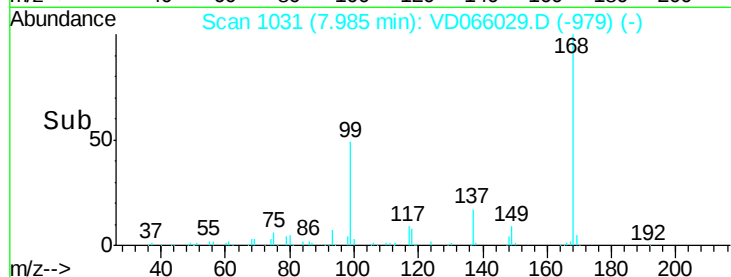
100000

50000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 8.848 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

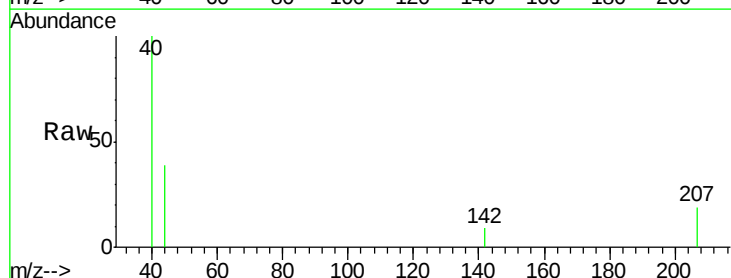
Tgt Ion:142 Resp: 117

Ion Ratio Lower Upper

142 100

127 0.0 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

4.29

200

150

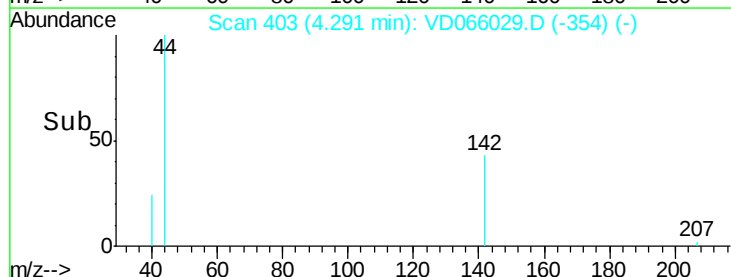
100

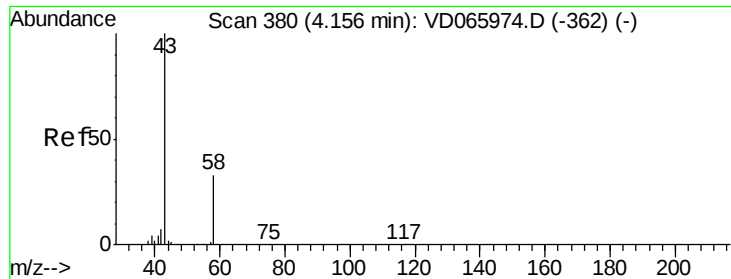
50

0

Time-->

4.26 4.28 4.30

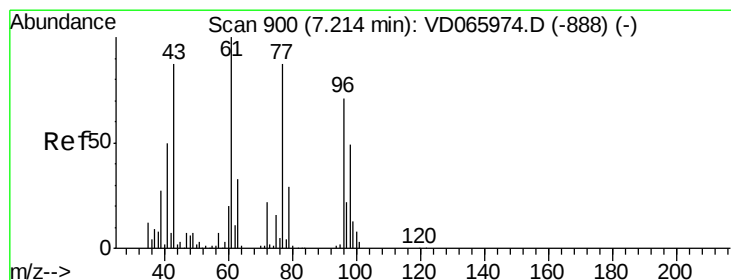
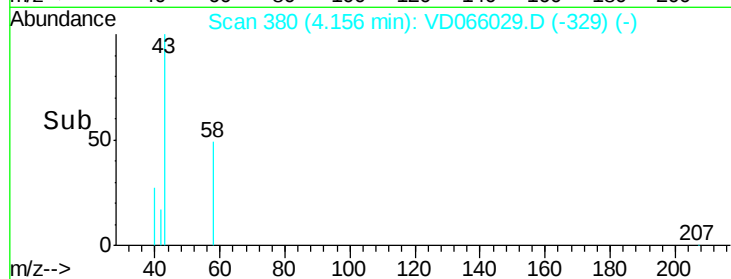
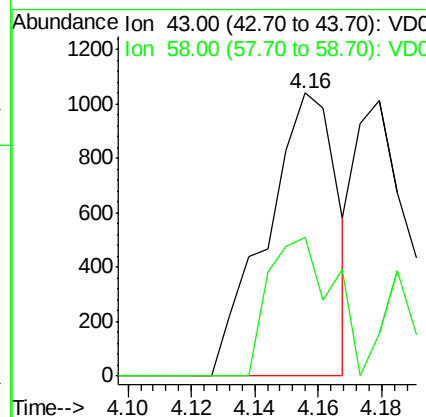
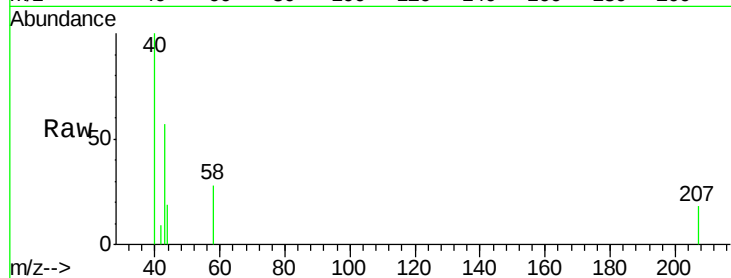




#16
Acetone
Concen: 3.133 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

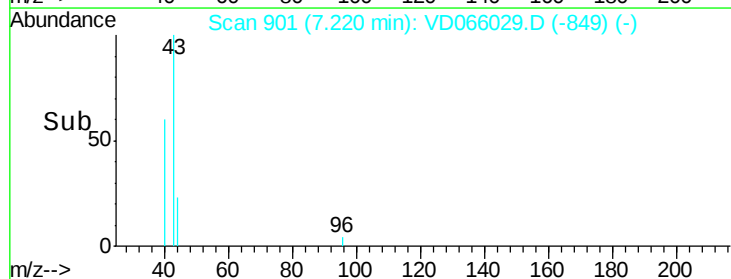
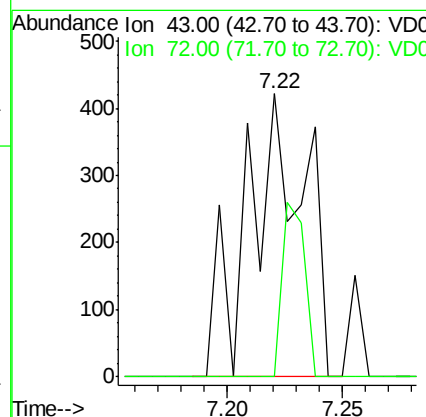
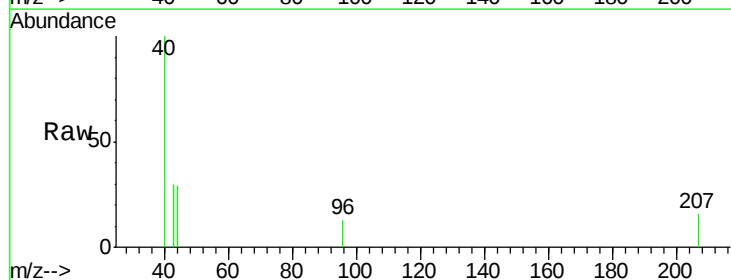
Instrument :
MSVOA_D
ClientSampleId :
VNJ-225-GRID-B5

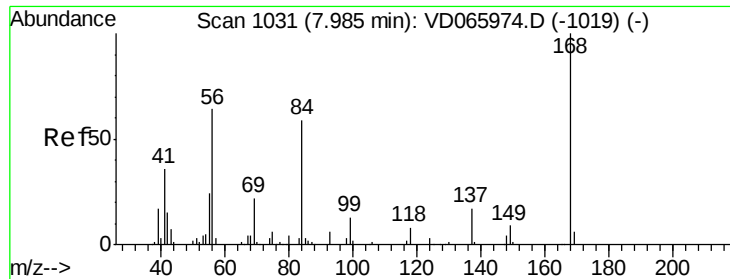
Tot Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 49.0 26.3 39.5#



#25
2-Butanone
Concen: 1.073 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

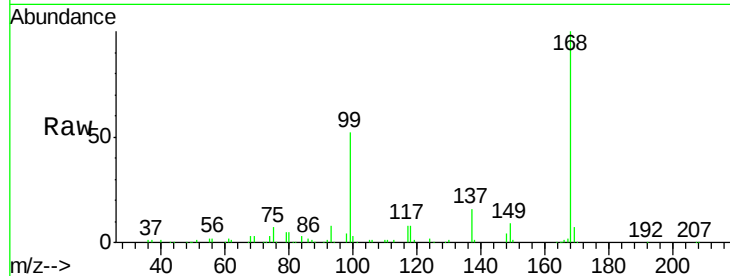




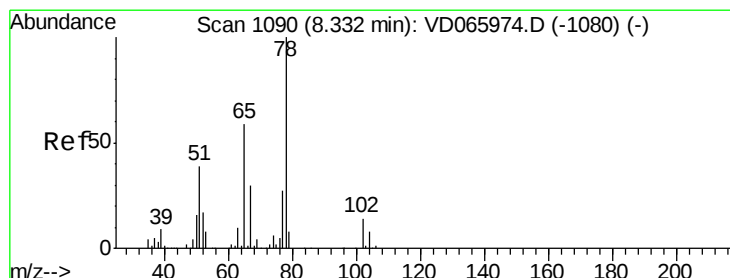
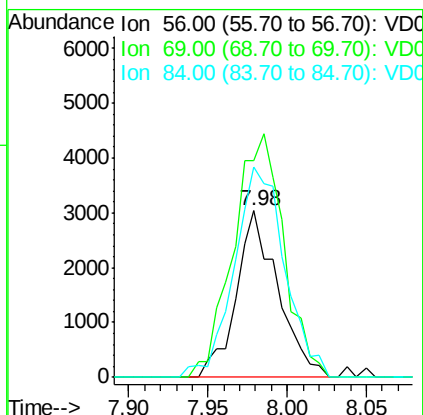
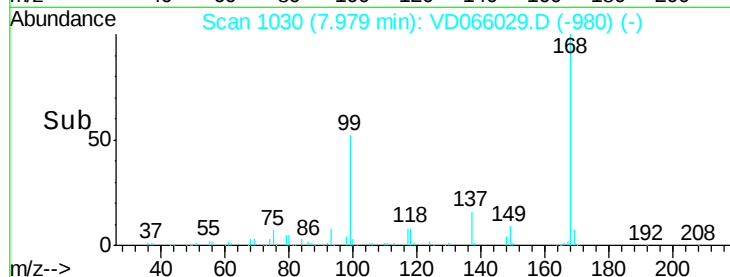
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

Instrument :
MSVOA_D
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion: 56 Resp: 5548
Ion Ratio Lower Upper
56 100
69 129.8 28.0 42.0#
84 125.9 72.6 109.0#

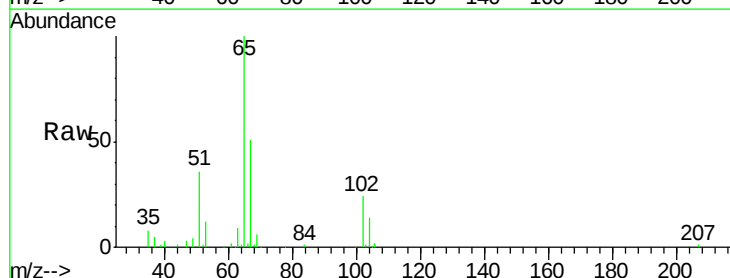


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

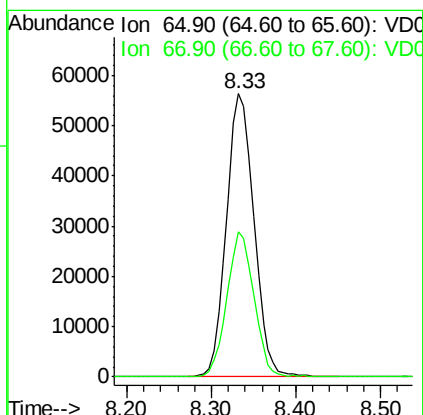
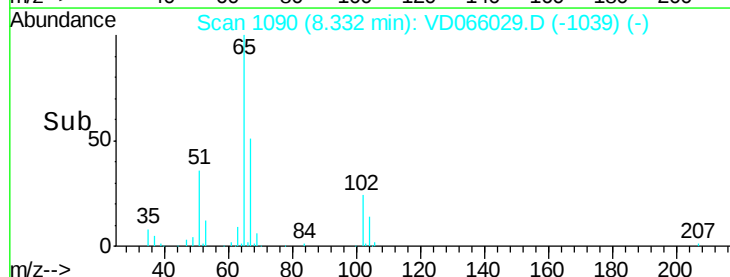


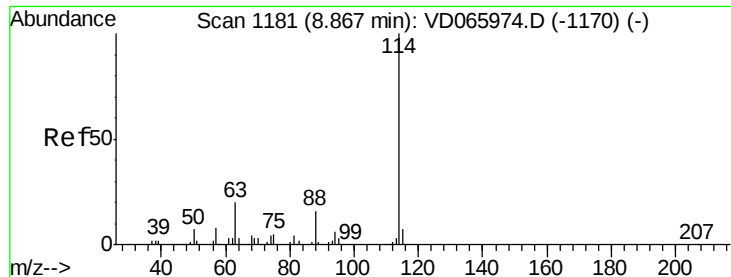
#33
1,2-Dichloroethane-d4
Concen: 49.790 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

Tgt Ion: 65 Resp: 126633
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.0



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

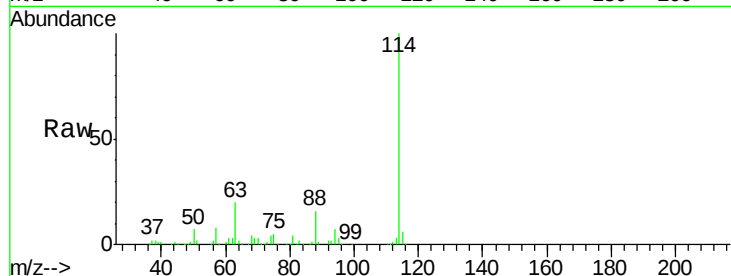




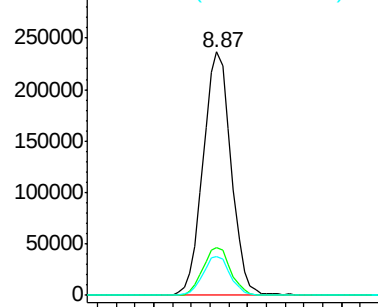
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066029.D
 Acq: 23 Jul 2020 17:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225-GRID-B5

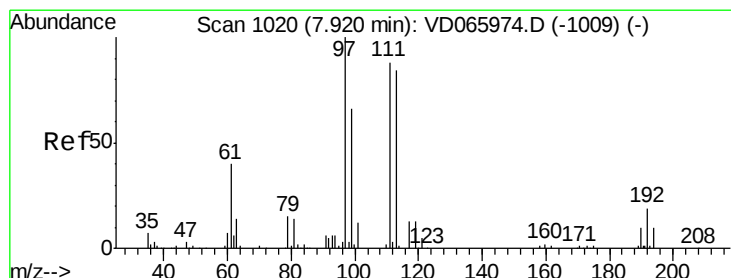
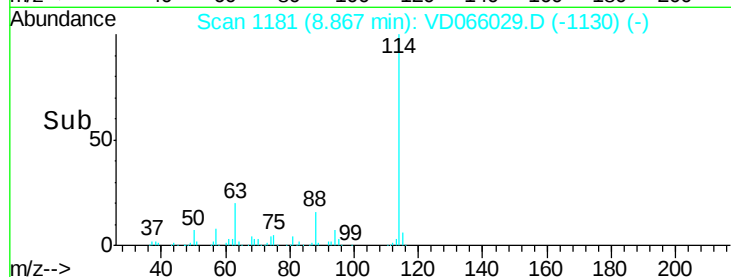
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.1	0.0	31.2



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

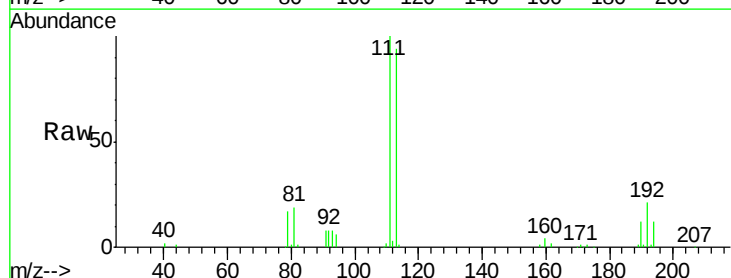


Time-->

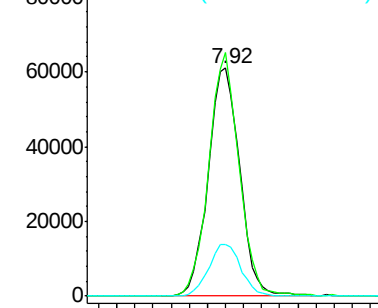


#35
 Dibromofluoromethane
 Concen: 49.917 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066029.D
 Acq: 23 Jul 2020 17:25

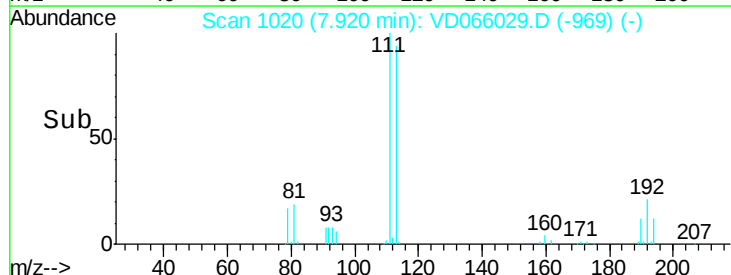
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.2	124.8
192	23.3	18.7	28.1

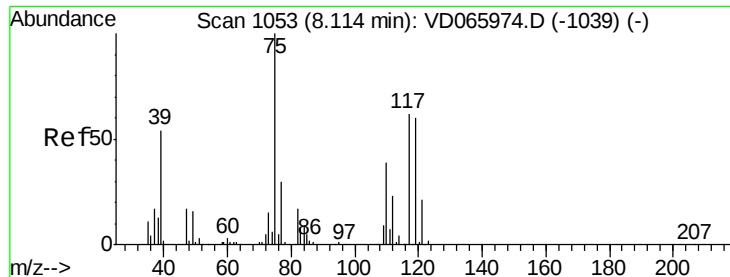


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 5.120 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

VNJ-225-GRID-B5

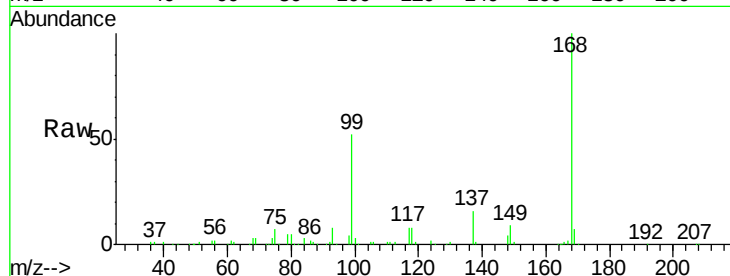
Tot Ion: 75 Resp: 21360

Ion Ratio Lower Upper

75 100

110 10.1 19.5 58.5#

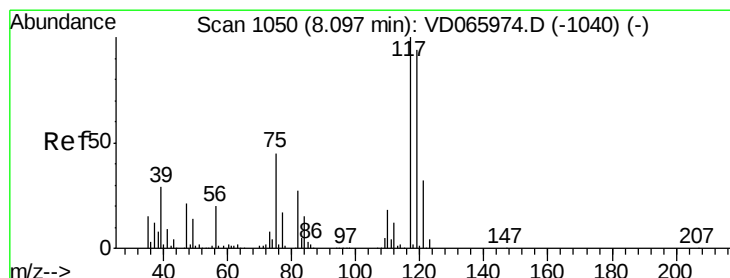
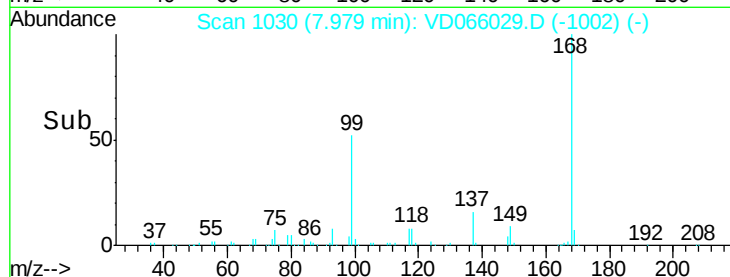
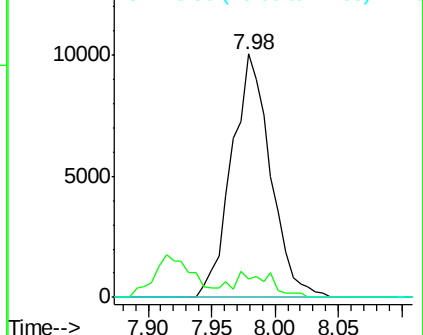
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 6.169 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

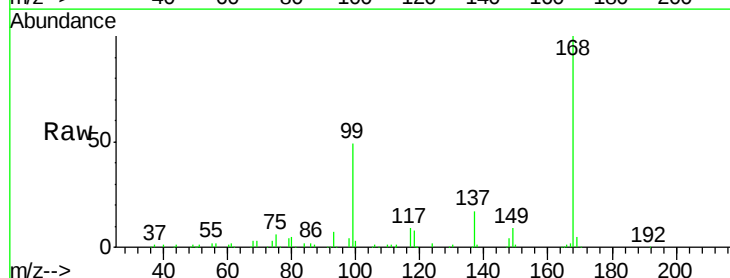
Tgt Ion: 117 Resp: 27925

Ion Ratio Lower Upper

117 100

119 6.4 75.0 112.6#

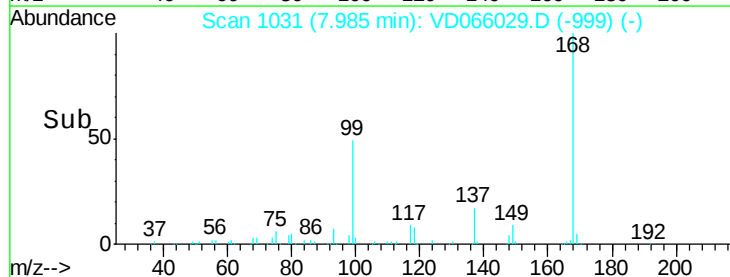
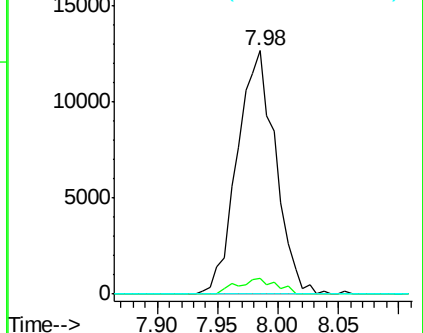
121 0.0 25.5 38.3#

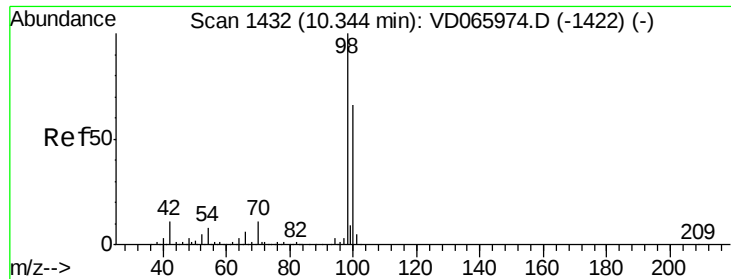


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC





#50

Toluene-d8

Concen: 53.702 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

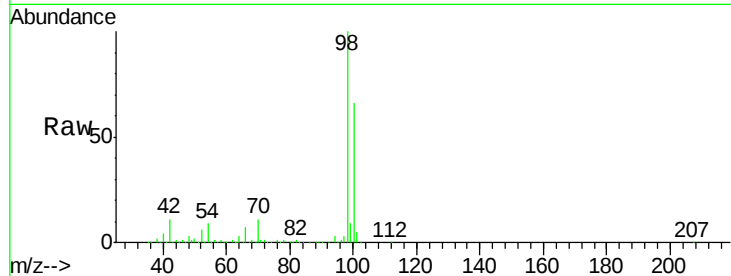
VNJ-225-GRID-B5

Tot Ion: 98 Resp: 593143

Ion Ratio Lower Upper

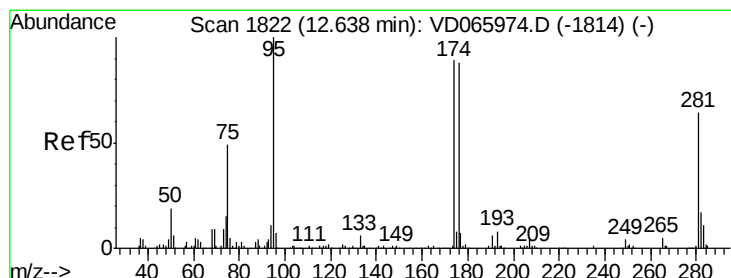
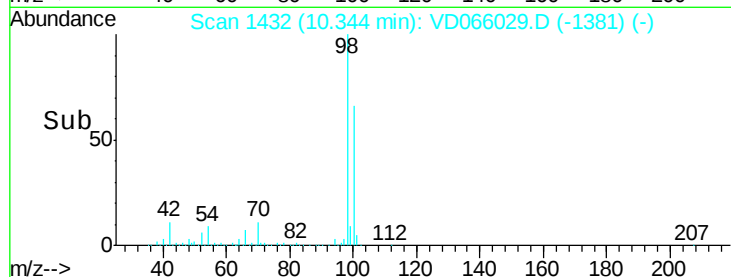
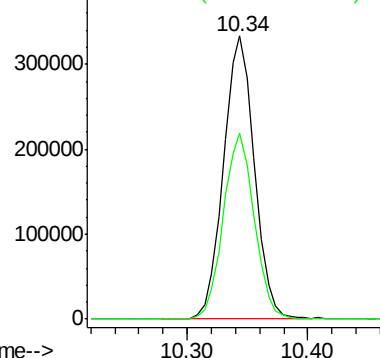
98 100

100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 60.084 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

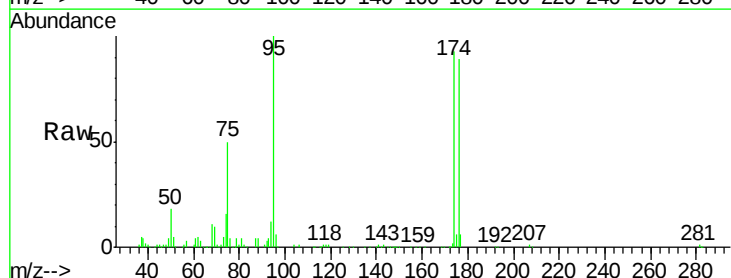
Tgt Ion: 95 Resp: 230106

Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.8

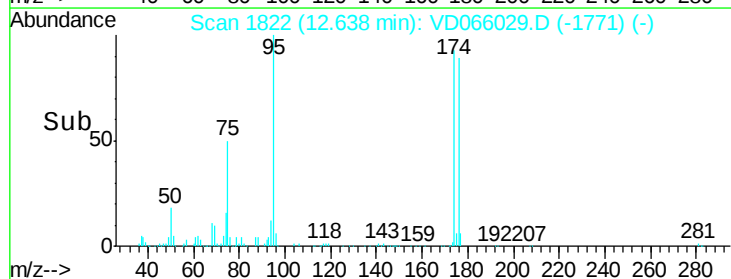
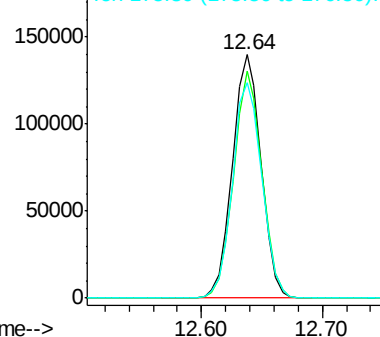
176 90.3 0.0 172.6

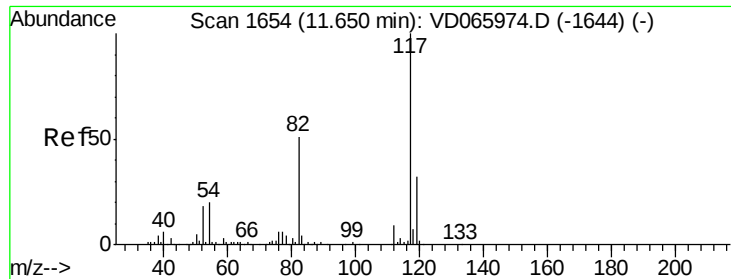


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

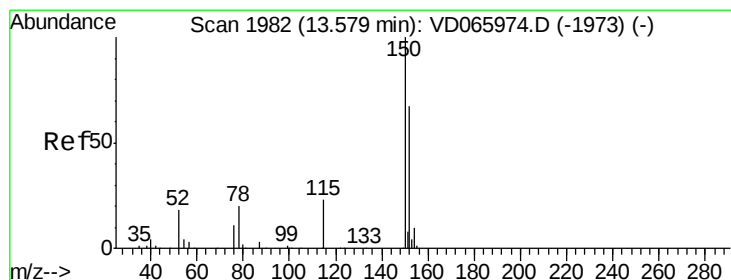
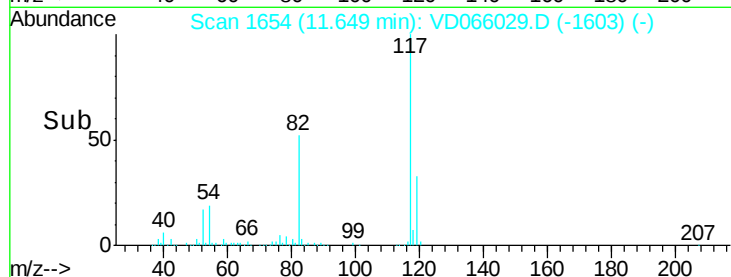
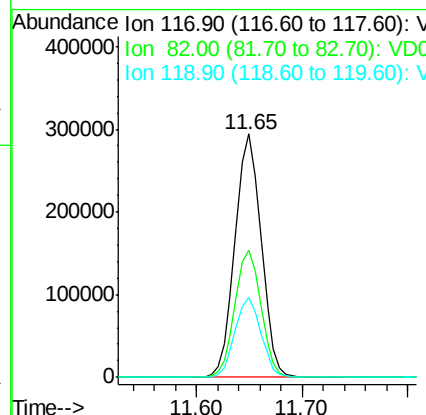
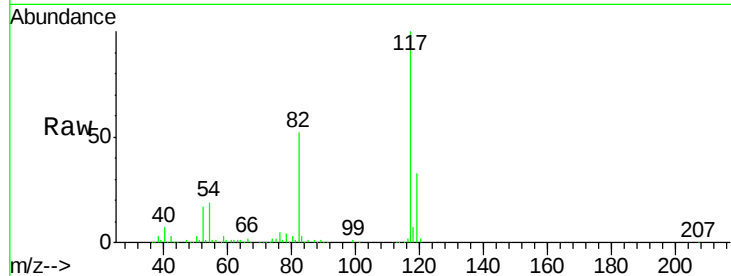




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

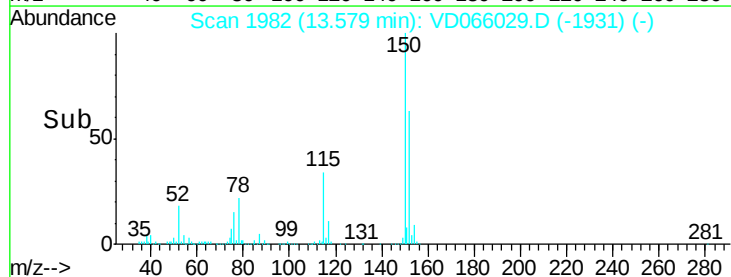
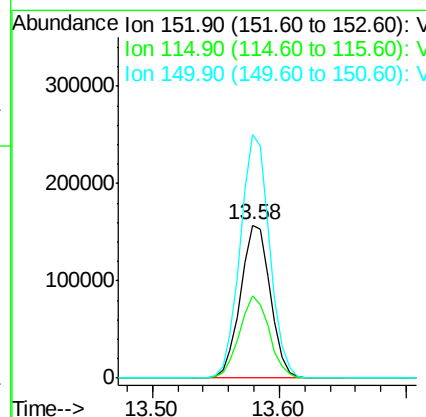
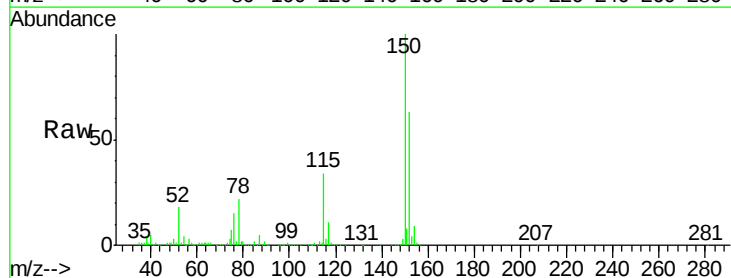
Instrument :
MSVOA_D
ClientSampleId :
VNJ-225-GRID-B5

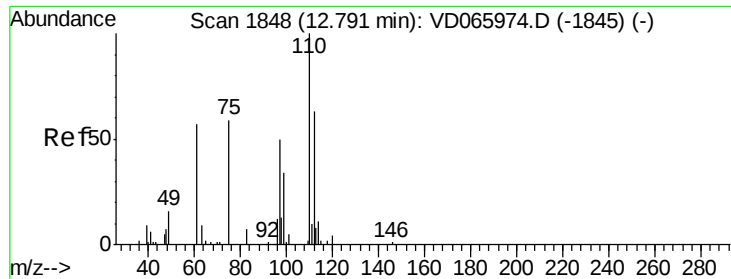
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.1	61.7
119	32.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.9	83.7
150	156.4	0.0	348.2

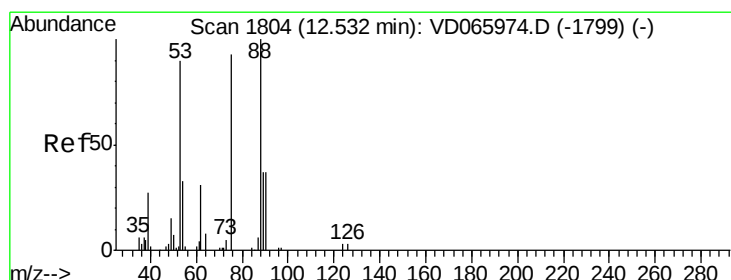
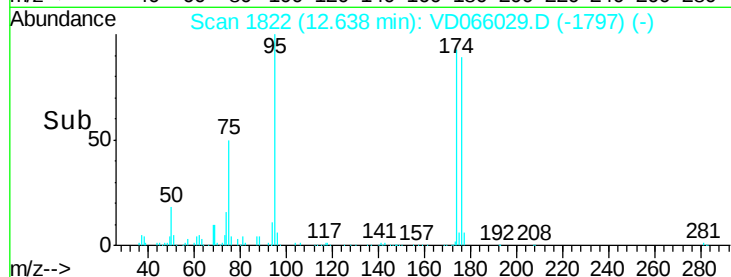
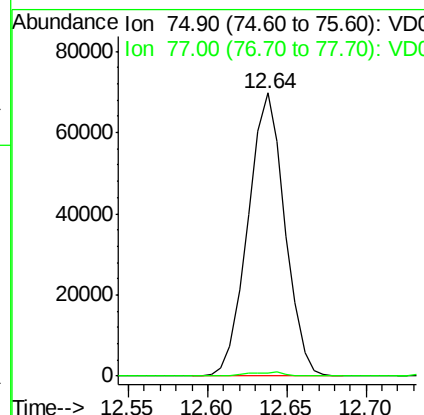
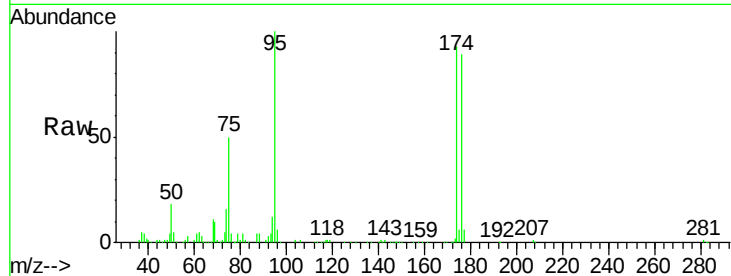




#76
 1,2,3-Trichloropropane
 Concen: 58.588 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066029.D
 Acq: 23 Jul 2020 17:25

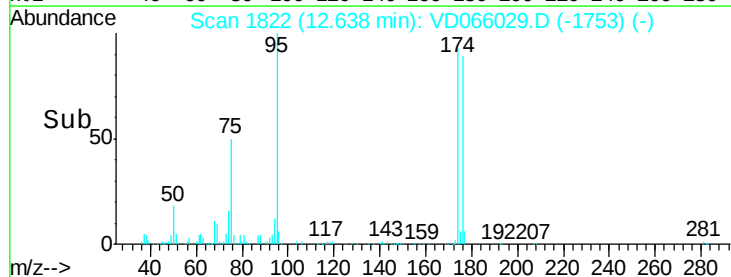
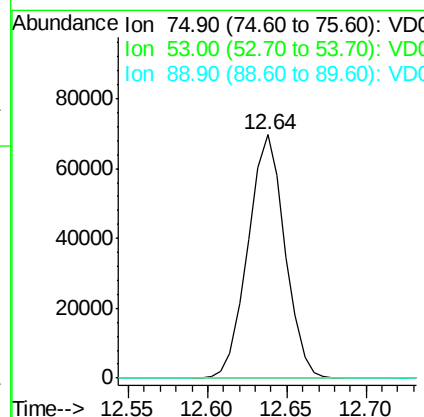
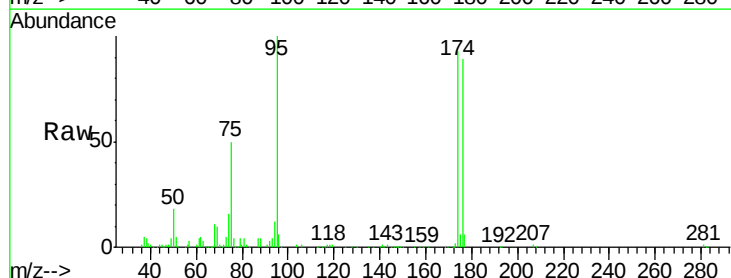
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225-GRID-B5

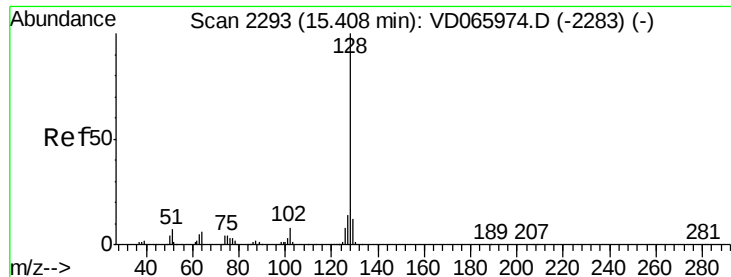
Tot Ion: 75 Resp: 112705
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.438 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066029.D
 Acq: 23 Jul 2020 17:25

Tgt Ion: 75 Resp: 112705
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.8 115.2#
 89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 4.687 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

VNJ-225-GRID-B5

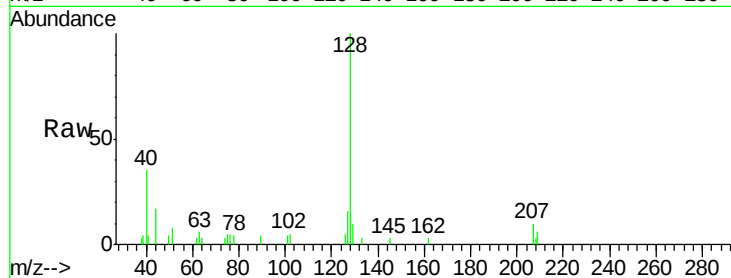
Tot Ion:128 Resp: 9954

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 13.7 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

