

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066055.D
 Acq On : 24 Jul 2020 18:51
 Operator : VA/SY
 Sample : L3430-02
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

Quant Time: Jul 24 23:55:23 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	288894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	441368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	452151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232113	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	117416	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	
35) Dibromofluoromethane	7.92	113	134233	50.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.28%	
50) Toluene-d8	10.34	98	525355	52.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.64	95	202002	58.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.84%	

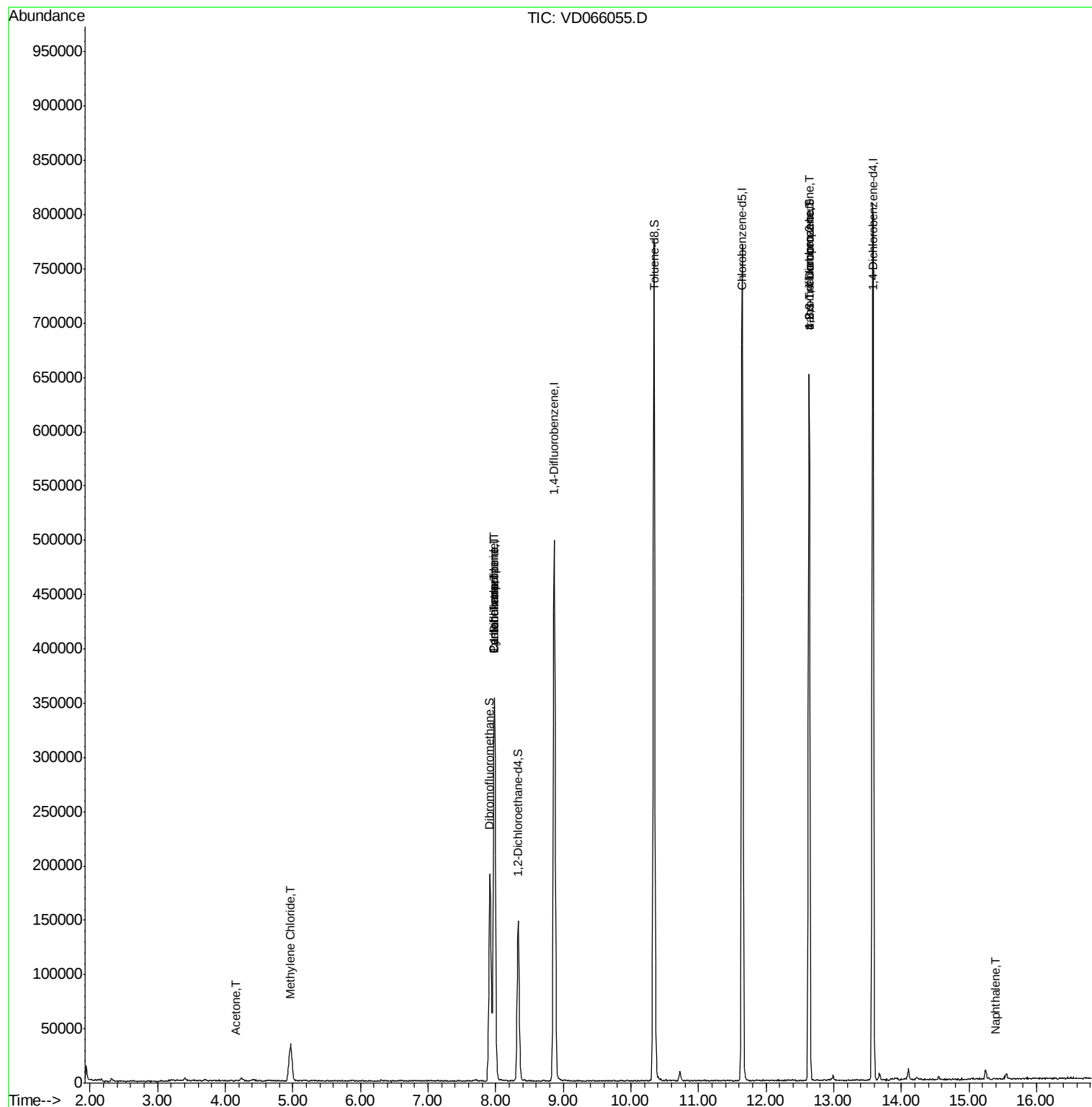
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	819	1.721	ug/l #	42
20) Methylene Chloride	4.97	84	25573	7.181	ug/l #	87
31) Cyclohexane	7.98	56	5156	1.219	ug/l #	2
36) 1,1-Dichloropropene	7.98	75	19072	5.063	ug/l #	49
38) Carbon Tetrachloride	7.98	117	26454	6.472	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	101153	57.878	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	101153	132.810	ug/l #	11
95) Naphthalene	15.41	128	80	3.557	ug/l #	68

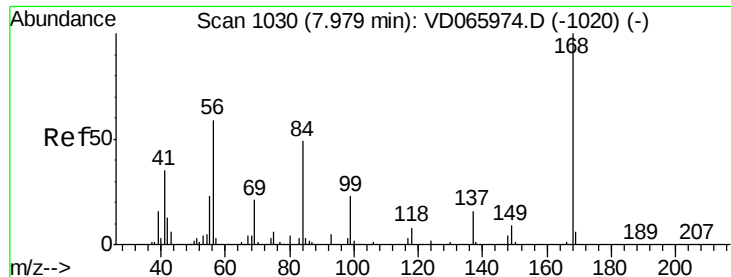
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072420\
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Quant Time: Jul 24 23:55:23 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: VD066055.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

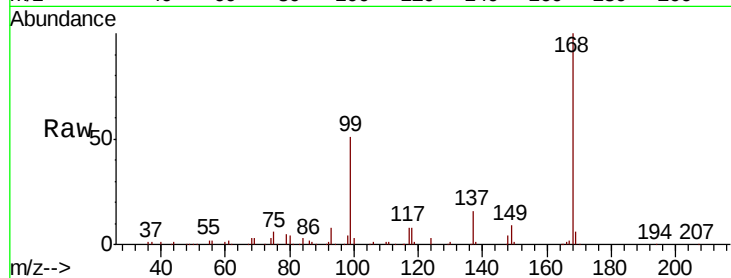
TS2

Tot Ion:168 Resp: 288894

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

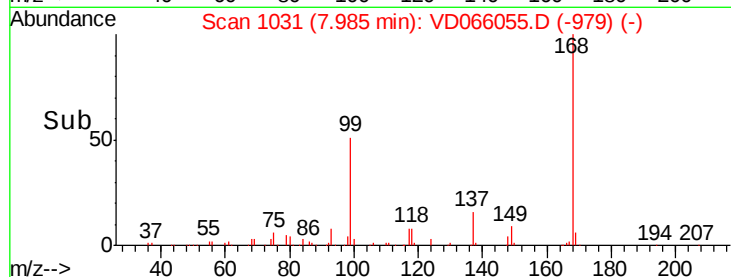
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100000

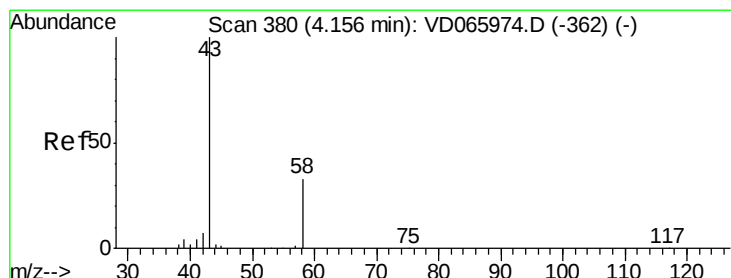
50000

0

7.90 7.95 8.00 8.05



Time-->



#16

Acetone

Concen: 1.721 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066055.D

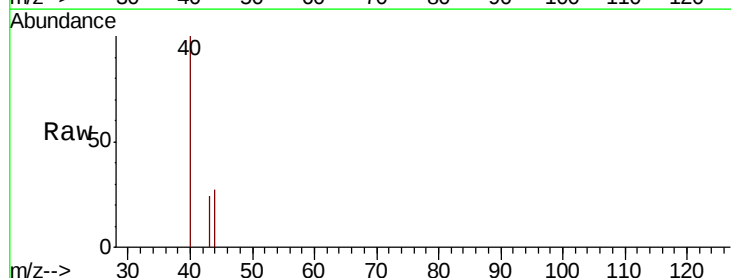
Acq: 24 Jul 2020 18:51

Tgt Ion: 43 Resp: 819

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

500

400

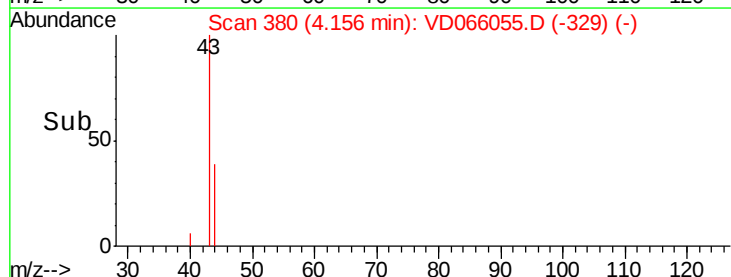
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200

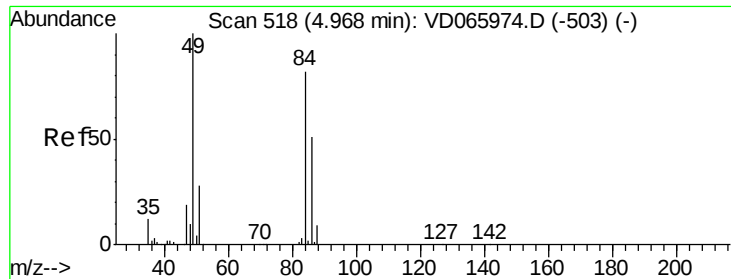
100

0

4.10 4.15 4.20



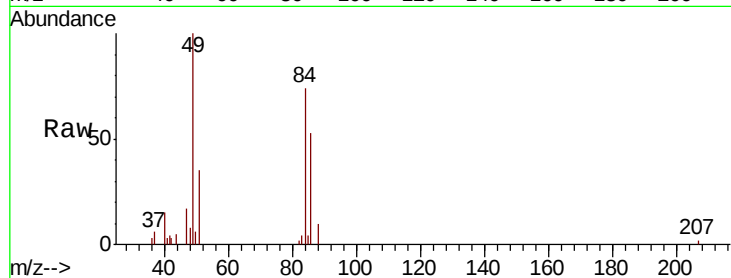
Time-->



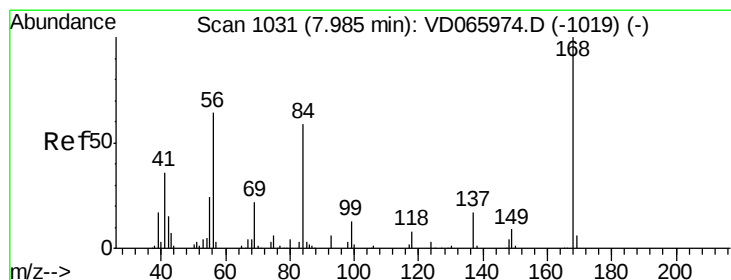
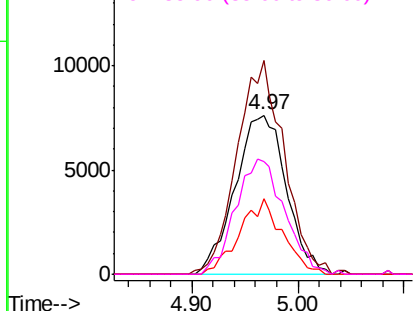
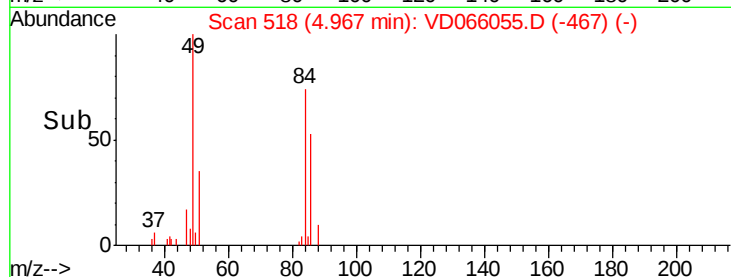
#20
Methvlene Chloride
Concen: 7.181 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066055.D
Acq: 24 Jul 2020 18:51

Instrument :
MSVOA_D
ClientSampleId :
TS2

Tot Ion: 84 Resp: 25573
Ion Ratio Lower Upper
84 100
49 134.3 97.7 146.5
51 47.2 27.4 41.2#
86 71.0 49.4 74.2

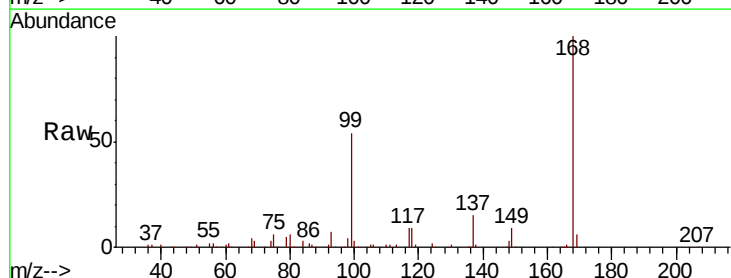


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

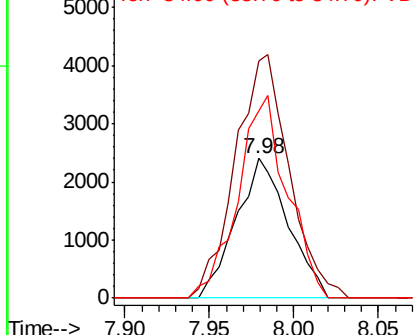
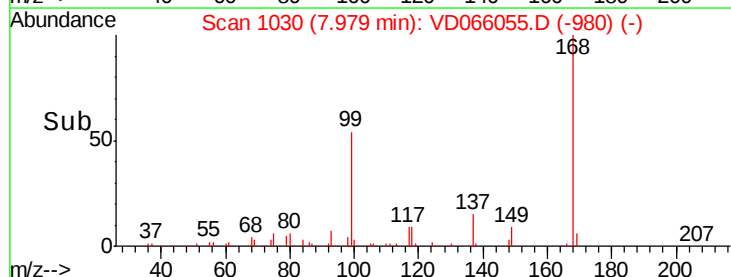


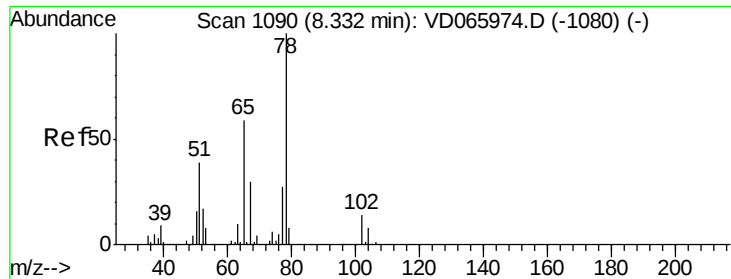
#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066055.D
Acq: 24 Jul 2020 18:51

Tgt Ion: 56 Resp: 5156
Ion Ratio Lower Upper
56 100
69 170.1 28.0 42.0#
84 134.2 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

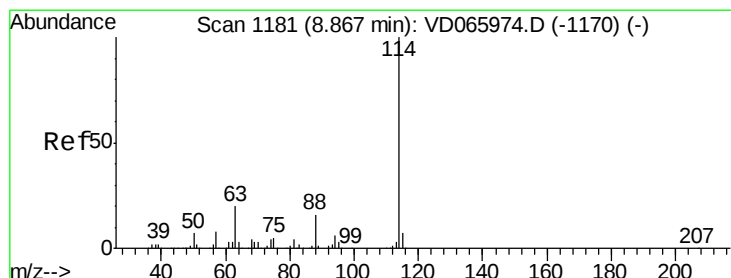
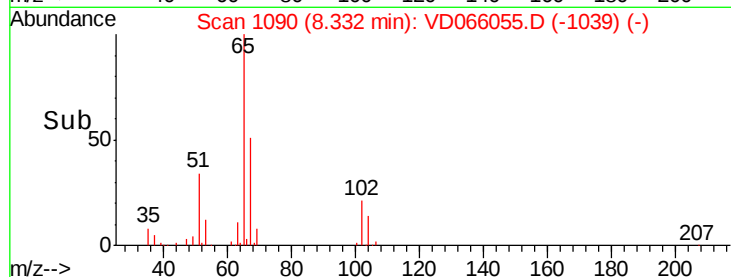
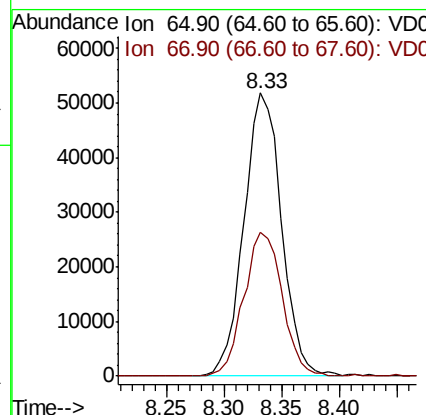
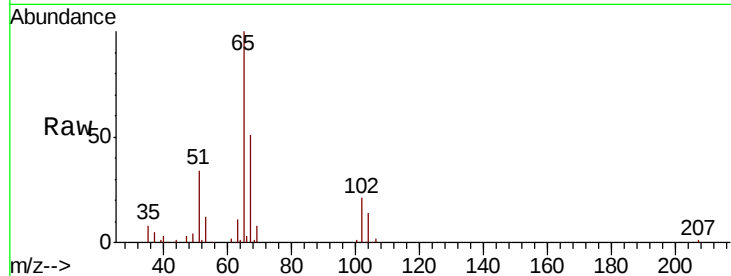




#33
 1,2-Dichloroethane-d4
 Concen: 49.949 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

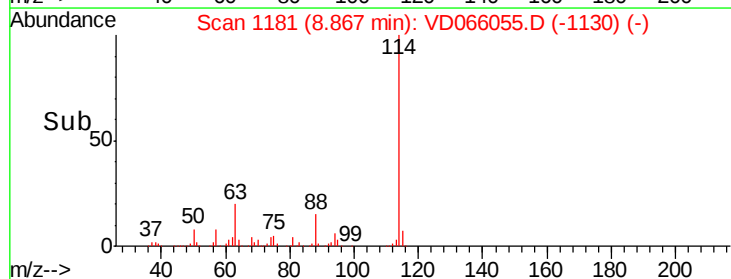
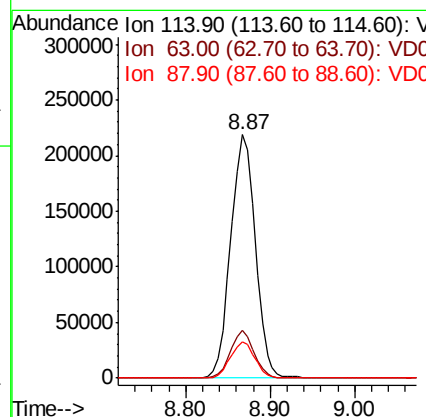
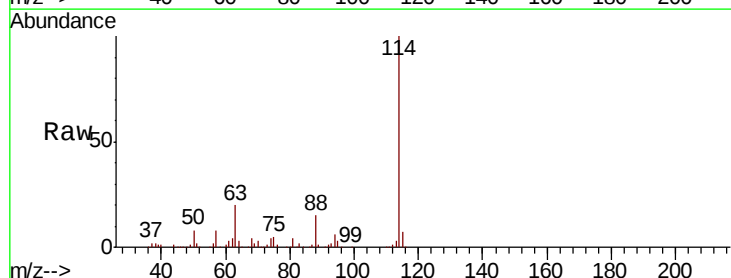
Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

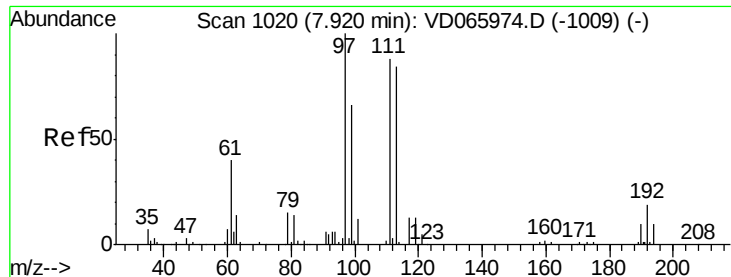
Tot Ion: 65 Resp: 117416
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

Tgt Ion: 114 Resp: 441368
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.1 0.0 31.2

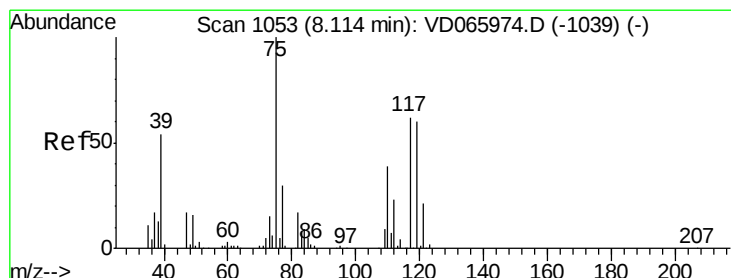
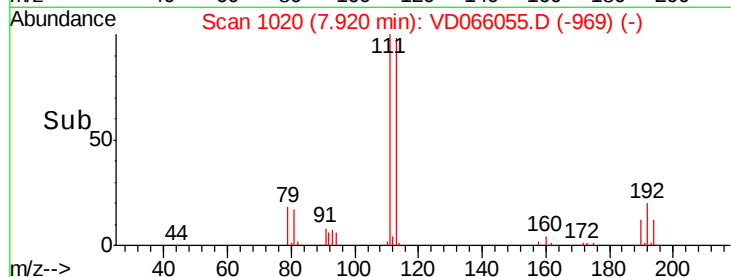
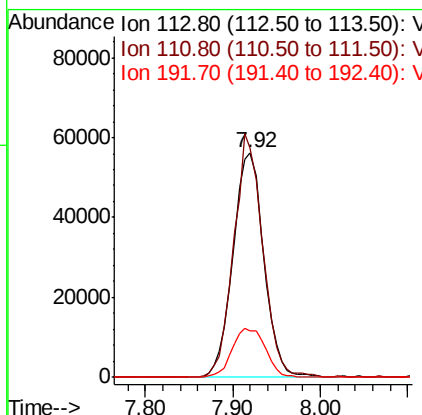
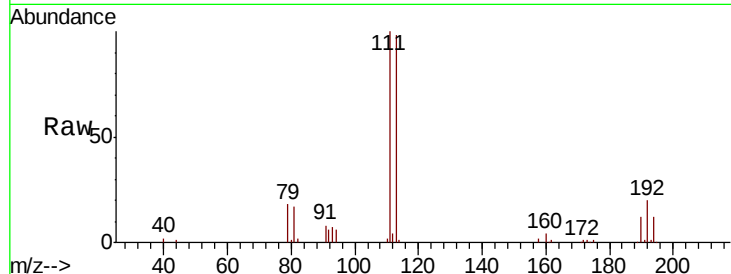




#35
 Dibromofluoromethane
 Concen: 50.142 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

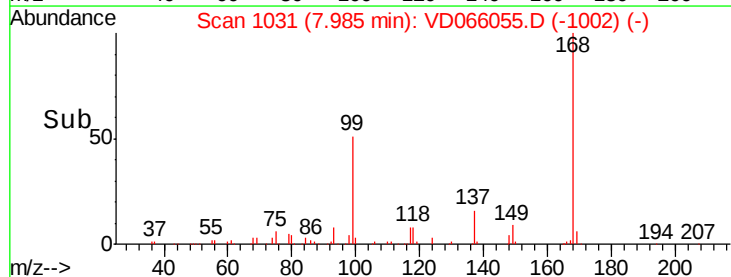
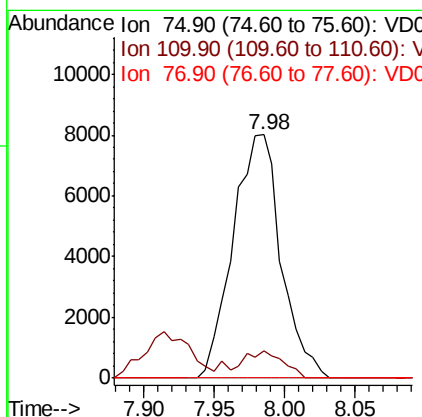
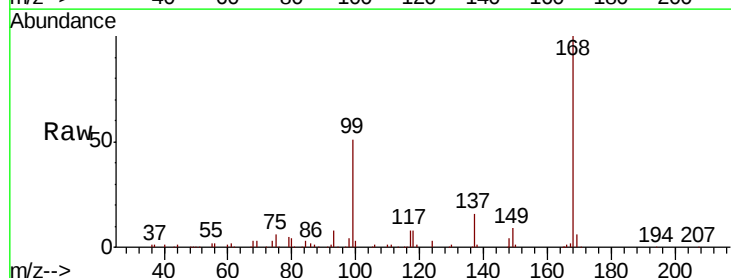
Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

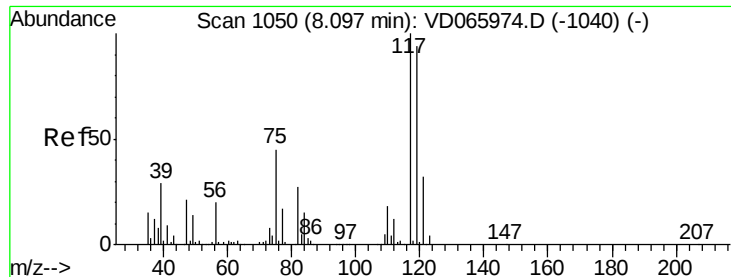
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	23.4	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	19.5	58.5#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.472 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066055.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

TS2

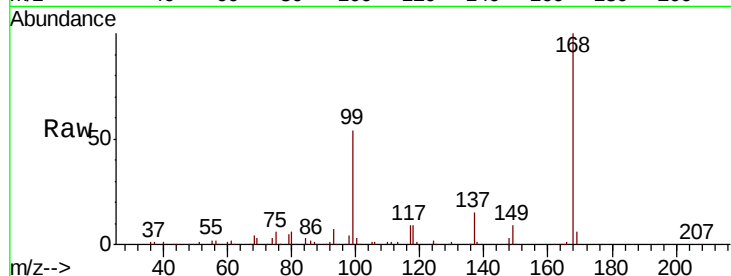
Tot Ion:117 Resp: 26454

Ion Ratio Lower Upper

117 100

119 5.7 75.0 112.6#

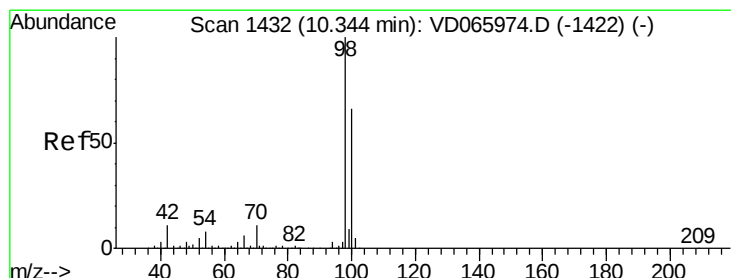
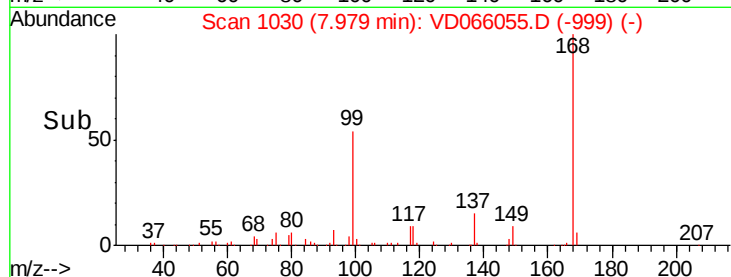
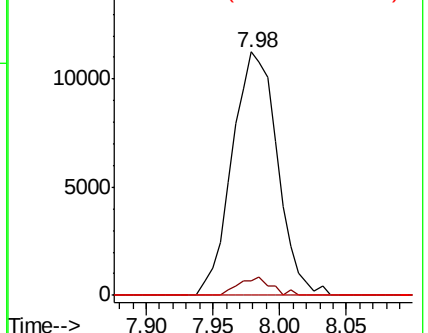
121 0.0 25.5 38.3#



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: 52.680 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066055.D

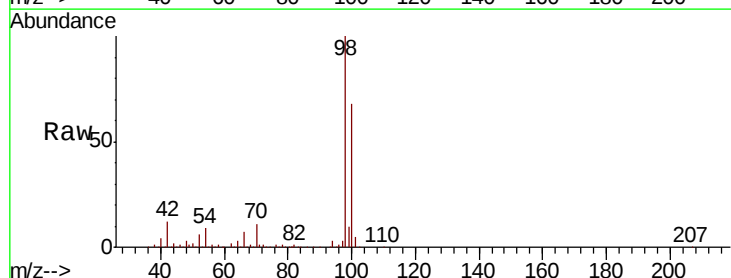
Acq: 24 Jul 2020 18:51

Tgt Ion: 98 Resp: 525355

Ion Ratio Lower Upper

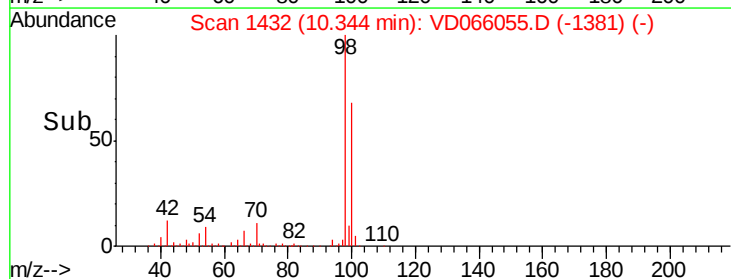
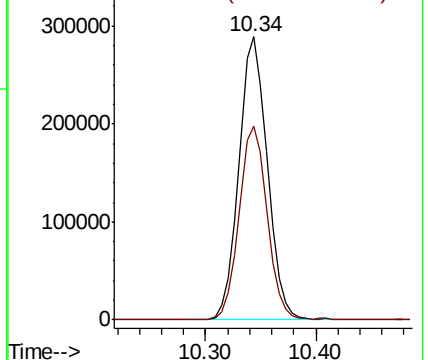
98 100

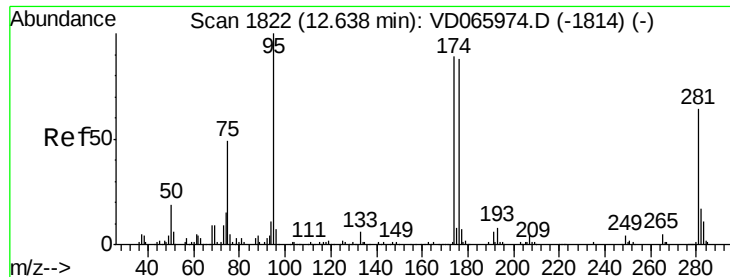
100 67.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

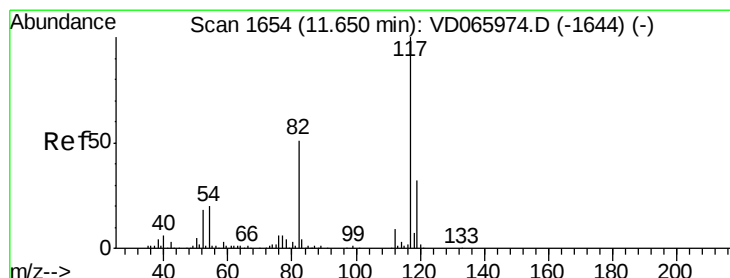
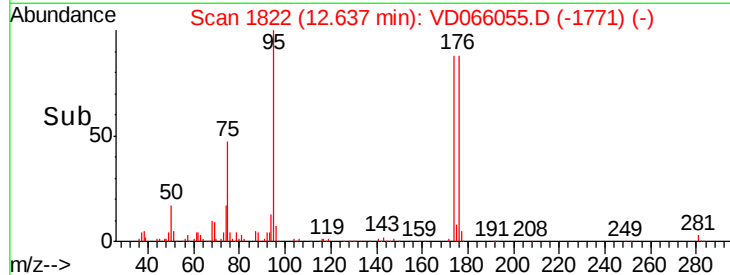
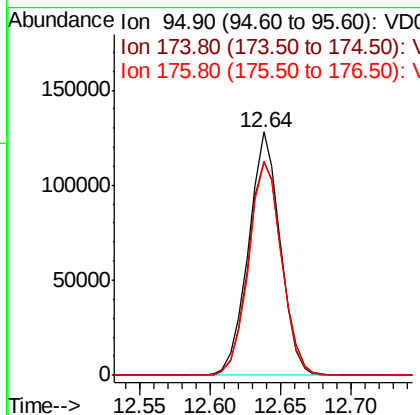
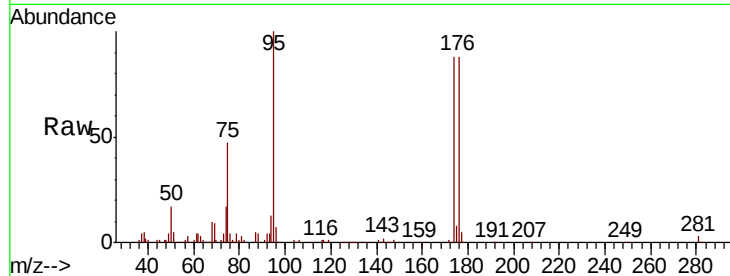




#62
 4-Bromofluorobenzene
 Concen: 58.418 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

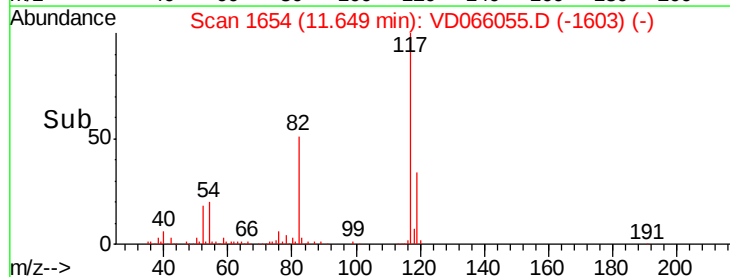
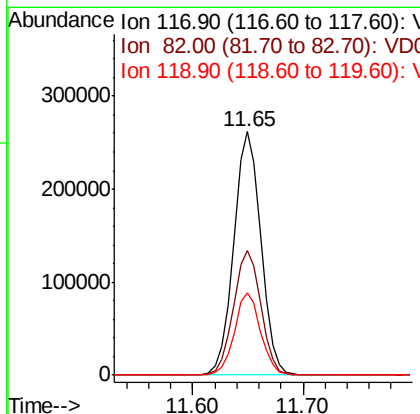
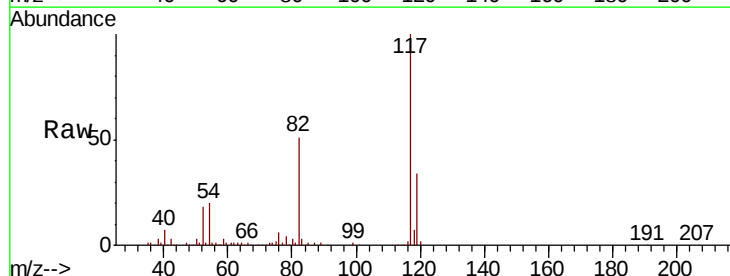
Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

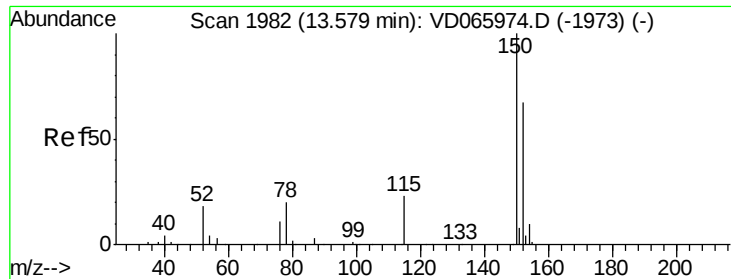
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	178.8
176	90.6	0.0	172.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.1	61.7
119	33.6	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: VD066055.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

TS2

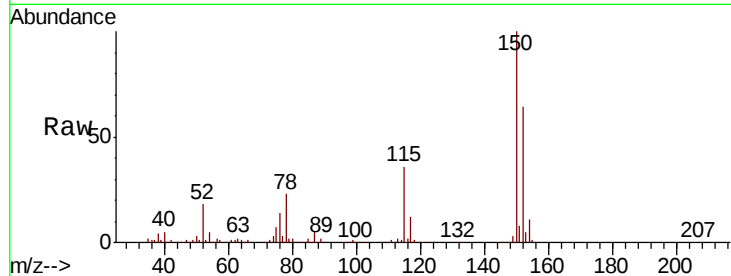
Tot Ion:152 Resp: 232113

Ion Ratio Lower Upper

152 100

115 53.8 27.9 83.7

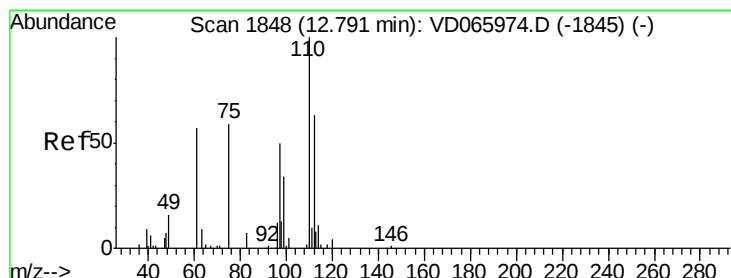
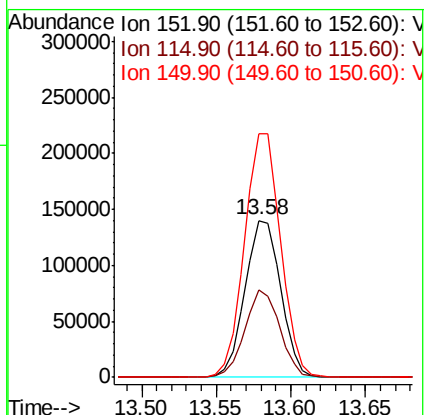
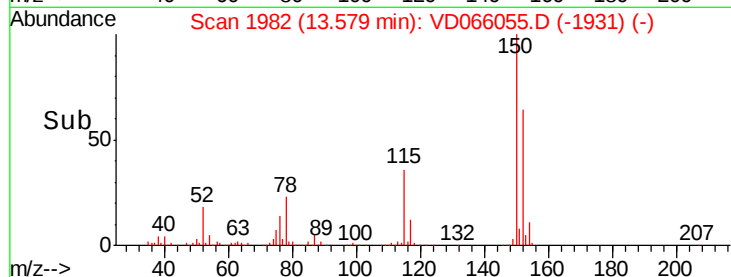
150 156.8 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 57.878 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066055.D

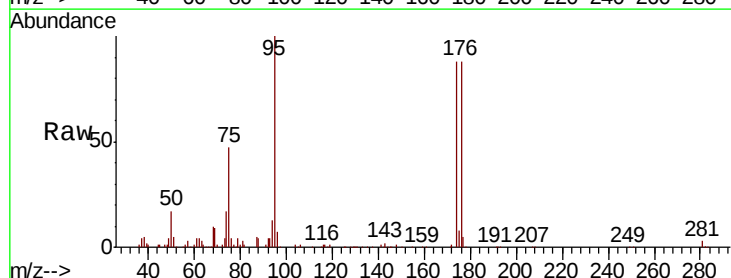
Acq: 24 Jul 2020 18:51

Tgt Ion: 75 Resp: 101153

Ion Ratio Lower Upper

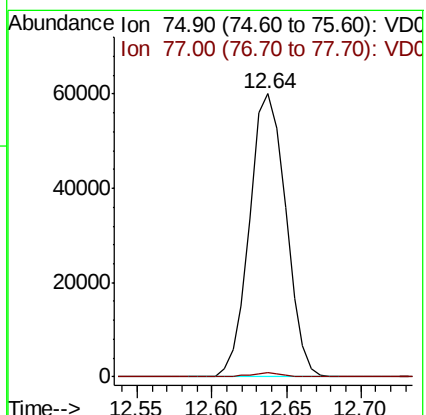
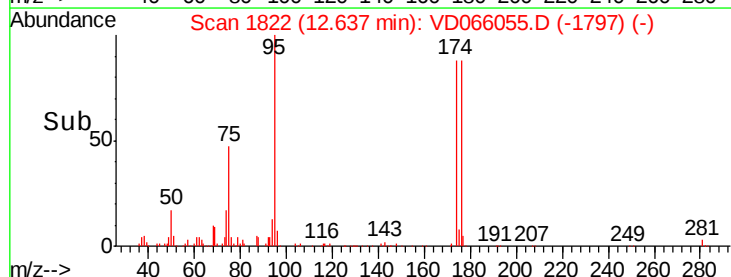
75 100

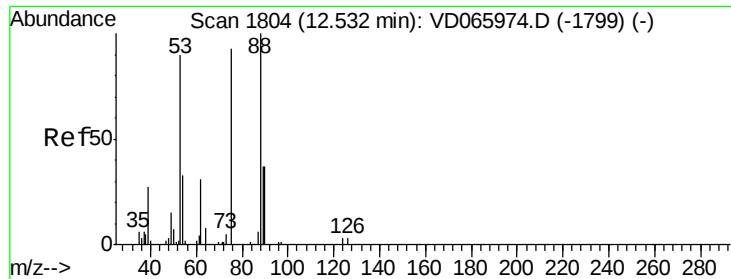
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 132.810 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066055.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

TS2

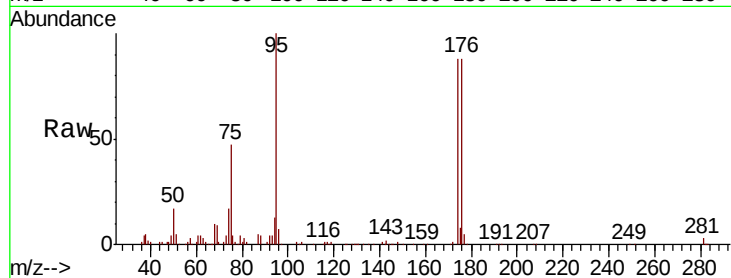
Tot Ion: 75 Resp: 101153

Ion Ratio Lower Upper

75 100

53 0.0 76.8 115.2#

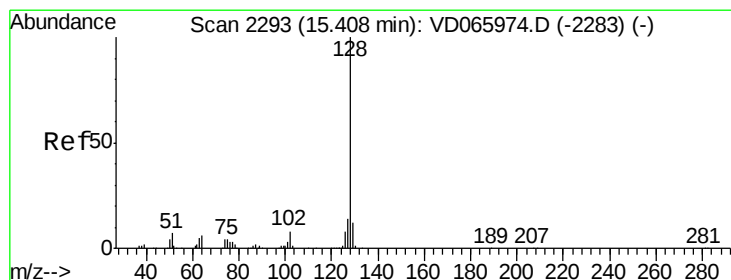
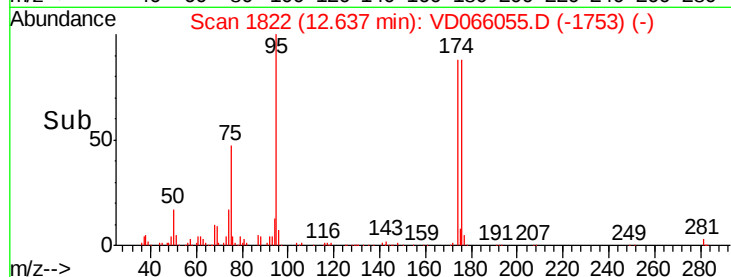
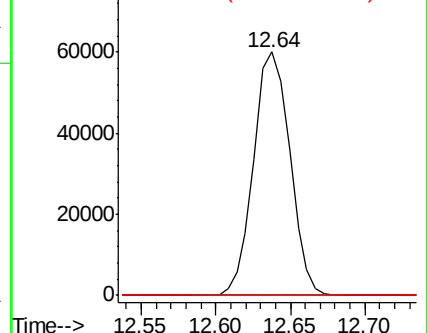
89 0.0 37.0 55.4#



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

Naphthalene

Concen: 3.557 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066055.D

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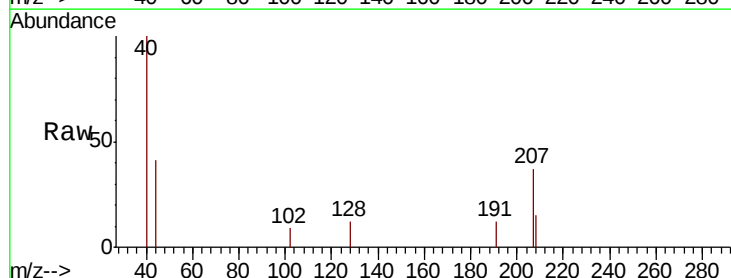
Tgt Ion: 128 Resp: 80

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

