

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065828.D
 Acq On : 19 Jun 2020 15:05
 Operator : VA/SY
 Sample : L2817-06RE
 Misc : 7.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-061720

Quant Time: Jun 20 01:26:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	153308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	267841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	230963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	86585	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	88802	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
35) Dibromofluoromethane	7.91	113	89052	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.34	98	316117	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.64	95	89824	41.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.96%	

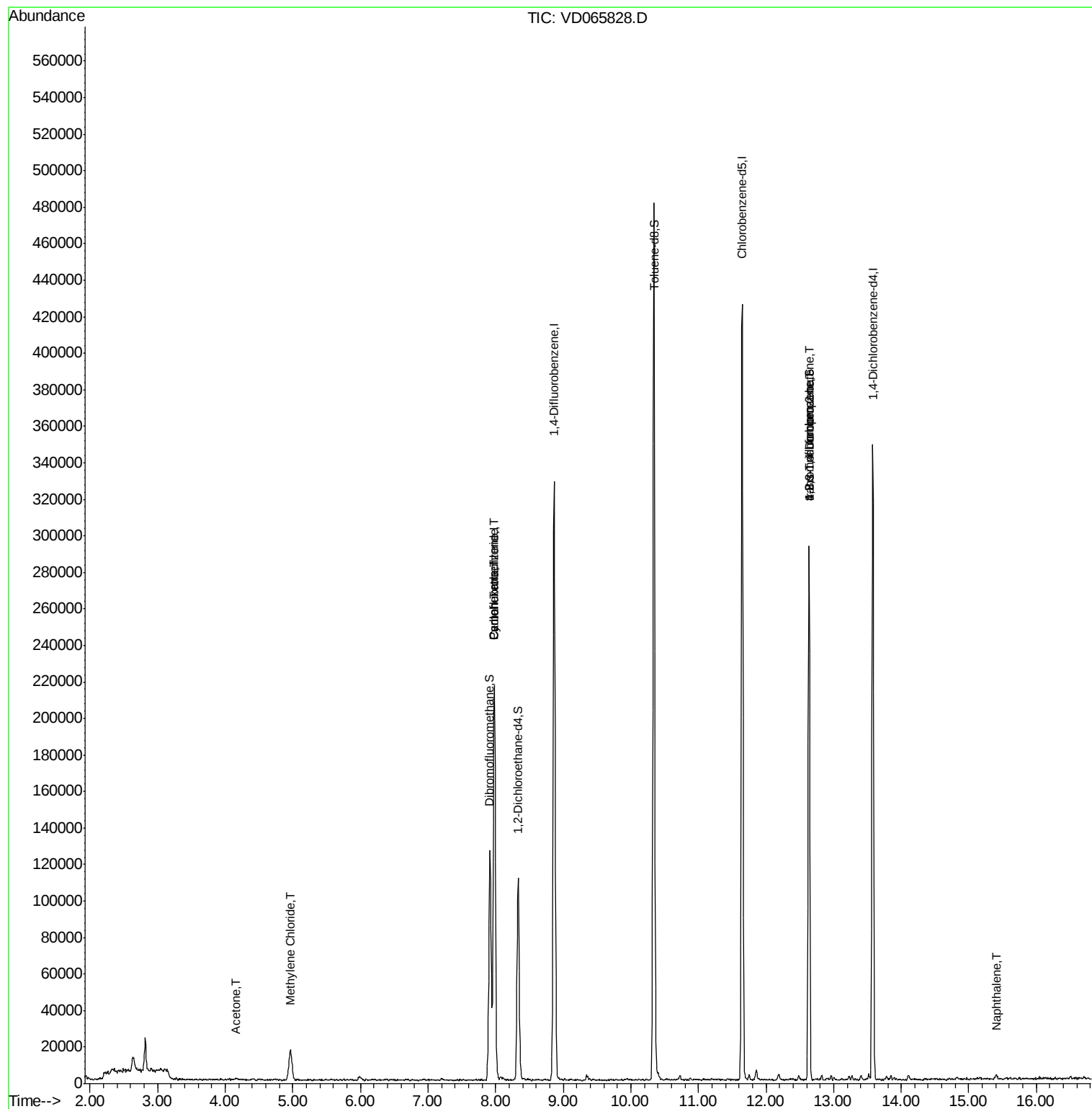
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	202	Below Cal	#	42
3) Chloromethane	2.21	50	493	Below Cal	#	53
16) Acetone	4.15	43	657	2.299	ug/l #	47
18) Methyl Acetate	4.70	43	119	Below Cal	#	52
20) Methylene Chloride	4.96	84	12238	3.968	ug/l	93
31) Cyclohexane	7.97	56	5107	1.880	ug/l #	58
38) Carbon Tetrachloride	7.97	117	16861	6.244	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	48847	72.540	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	48847	156.731	ug/l #	9
95) Naphthalene	15.40	128	2892	1.077	ug/l #	92

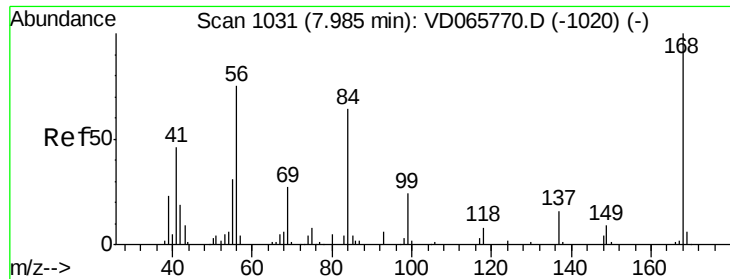
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

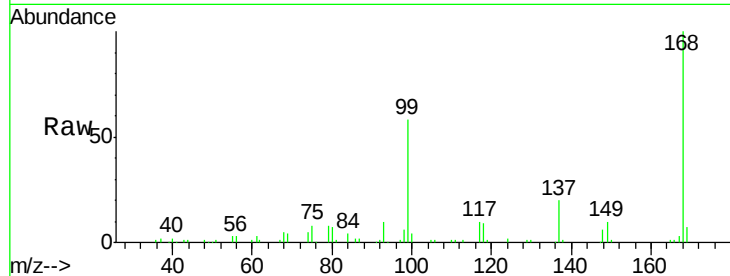
SU-04-061720

Tgt Ion:168 Resp: 153308

Ion Ratio Lower Upper

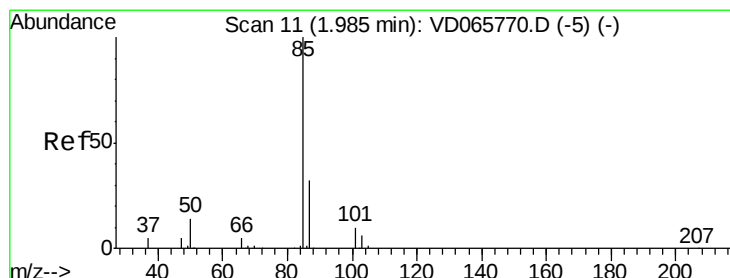
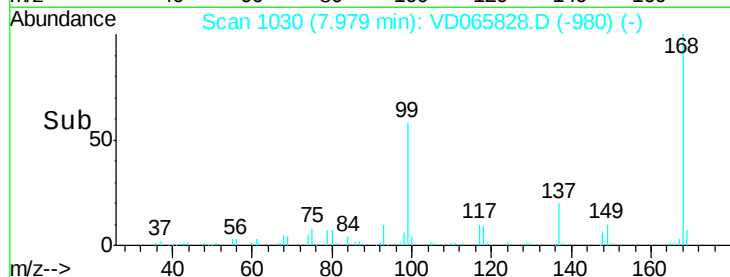
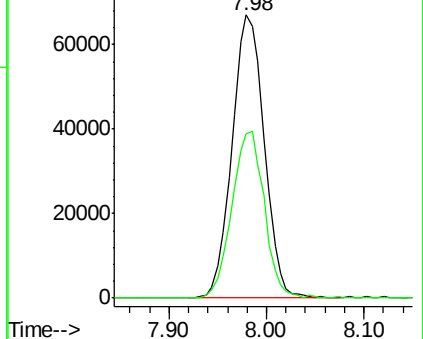
168 100

99 58.1 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065828.D

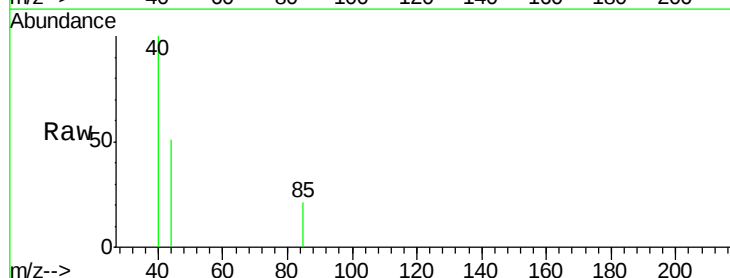
Acq: 19 Jun 2020 15:05

Tgt Ion: 85 Resp: 202

Ion Ratio Lower Upper

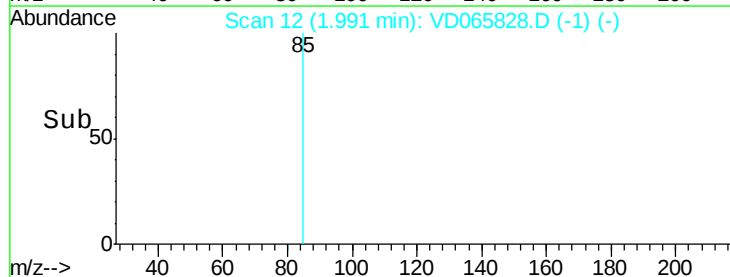
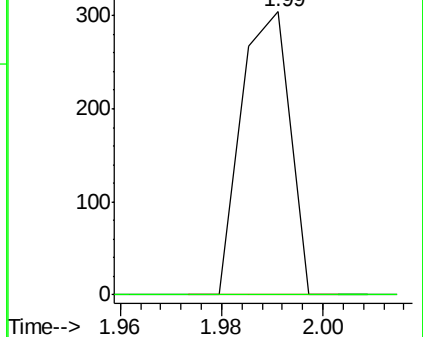
85 100

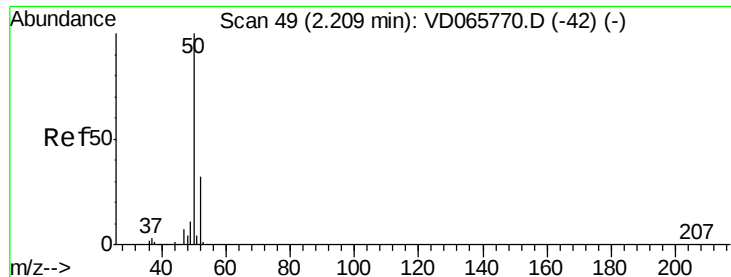
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

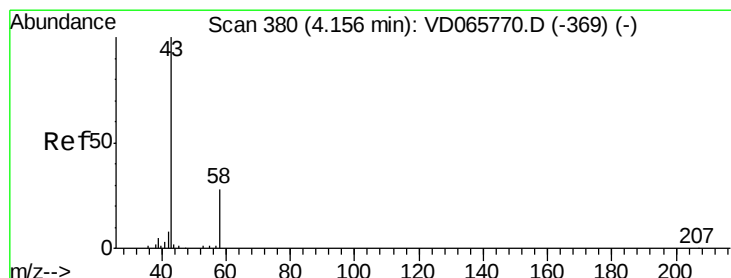
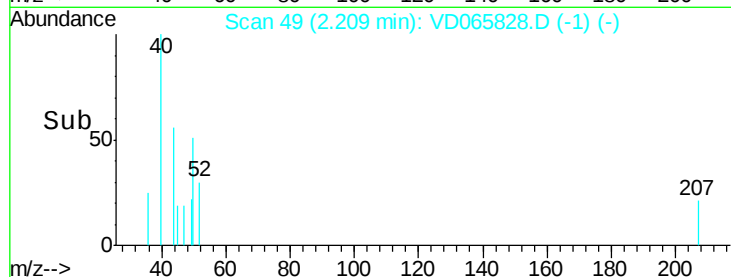
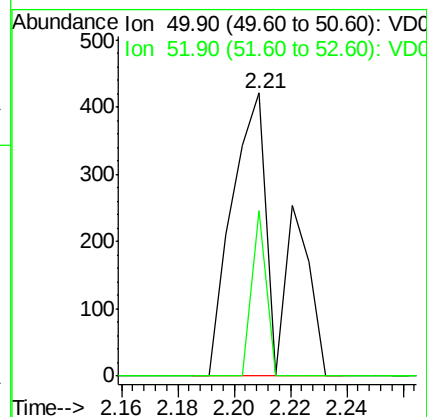
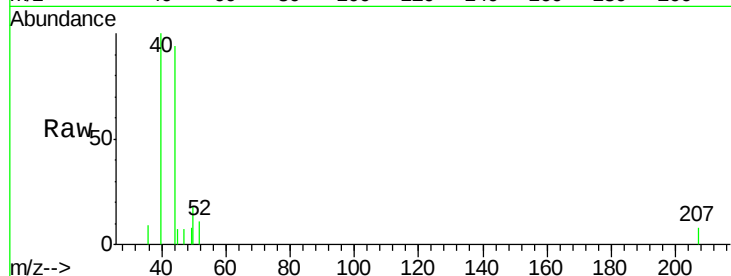
SU-04-061720

Tgt Ion: 50 Resp: 493

Ion Ratio Lower Upper

50 100

52 58.4 25.6 38.4#



#16

Acetone

Concen: 2.299 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065828.D

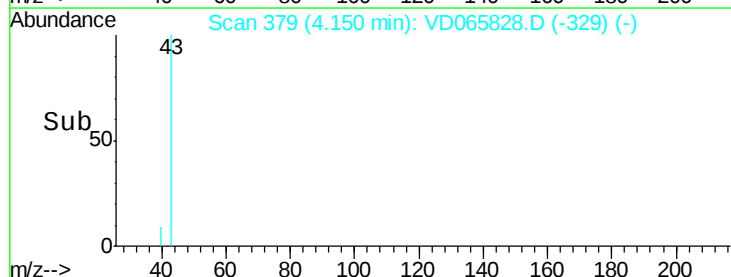
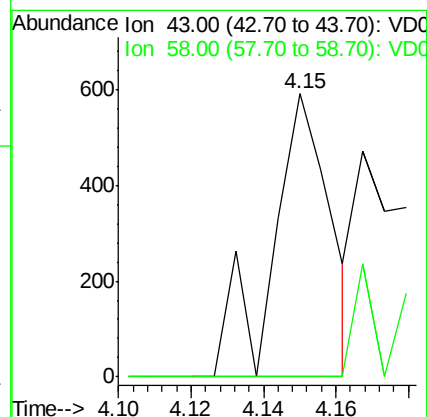
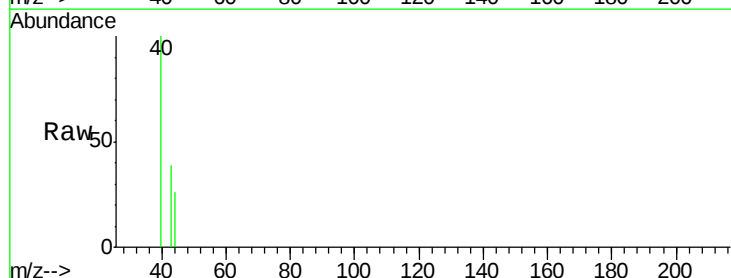
Acq: 19 Jun 2020 15:05

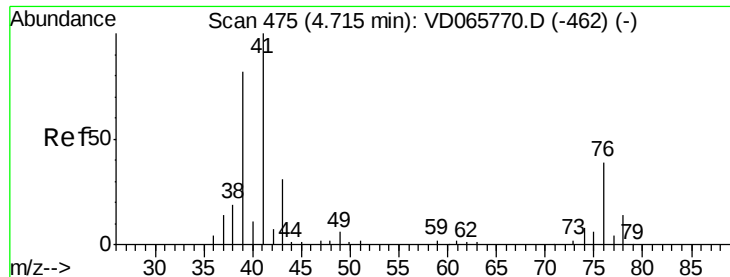
Tgt Ion: 43 Resp: 657

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#

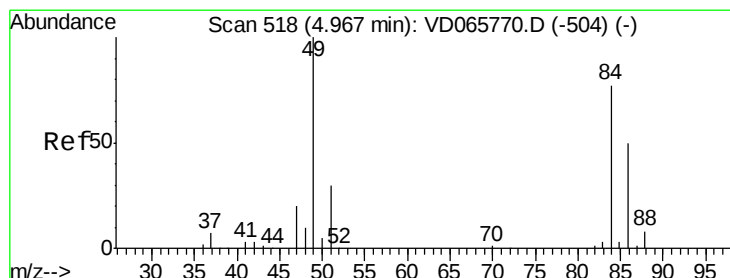
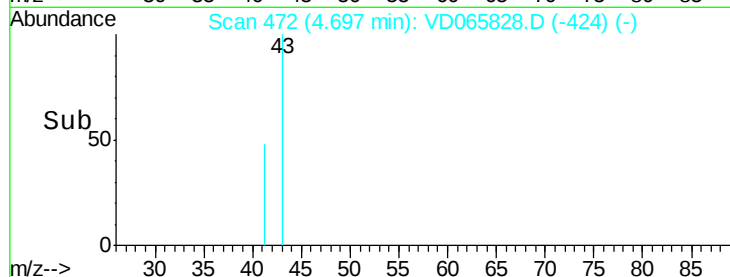
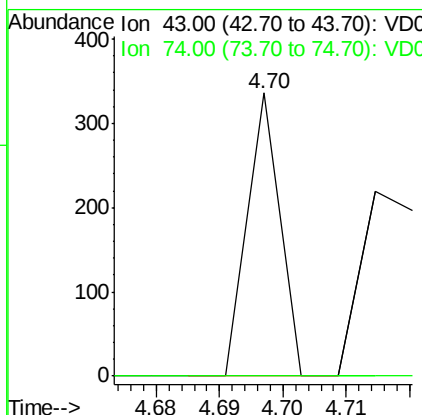
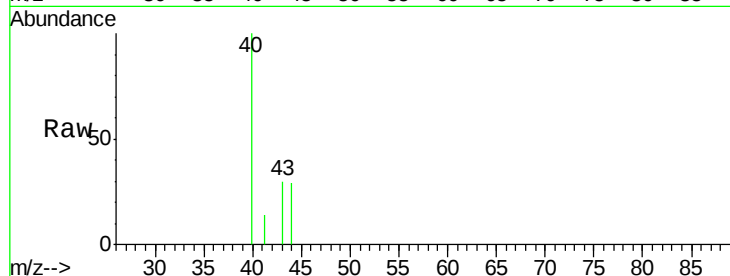




#18
Methyl Acetate
Concen: Below Cal
RT: 4.70 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

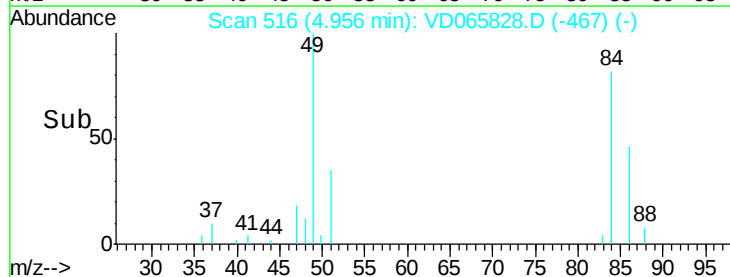
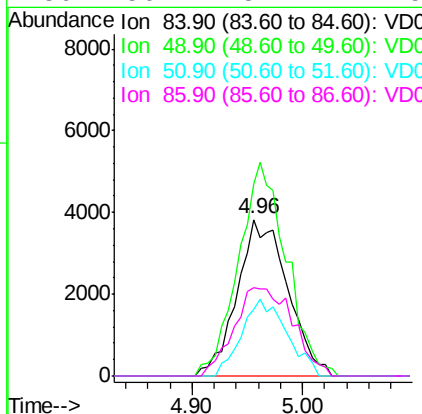
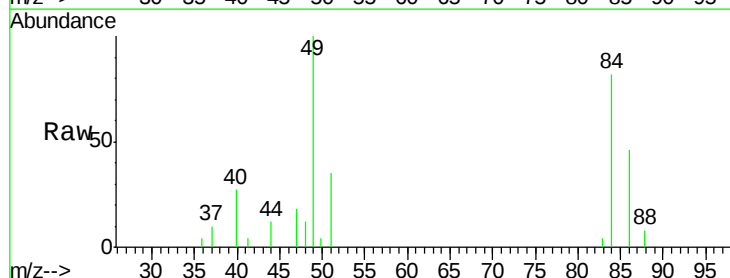
Instrument :
MSVOA_D
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SU-04-061720

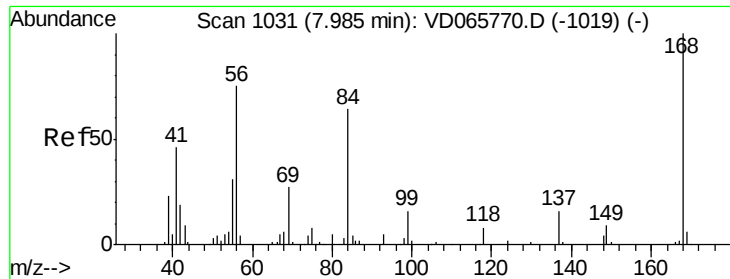
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 3.968 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Tgt Ion: 84 Resp: 12238
Ion Ratio Lower Upper
84 100
49 122.4 103.4 155.0
51 42.4 31.4 47.2
86 56.7 51.7 77.5

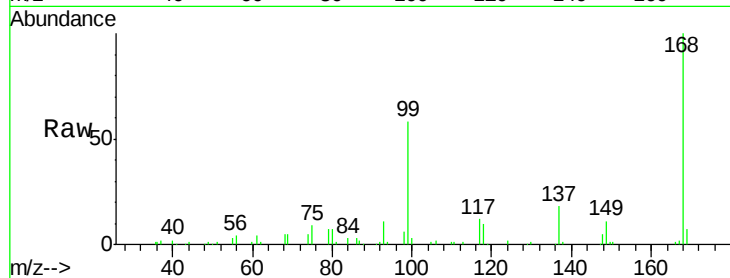




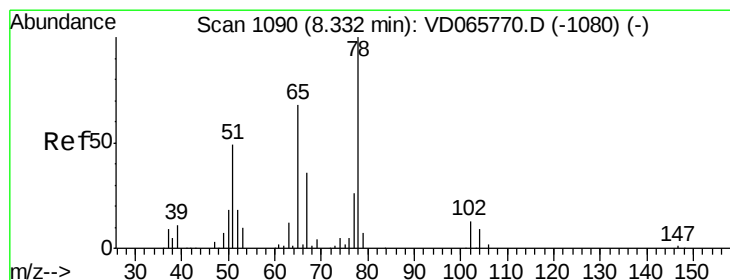
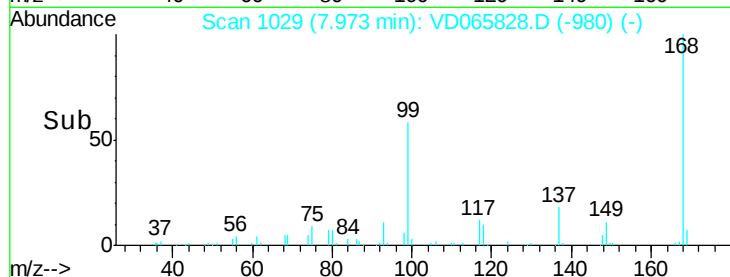
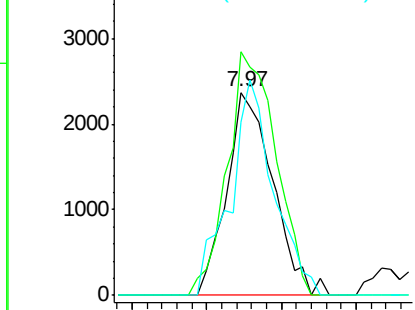
#31
Cyclohexane
Concen: 1.880 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
SU-04-061720

Tgt Ion: 56 Resp: 5107
Ion Ratio Lower Upper
56 100
69 119.9 28.5 42.7#
84 85.4 68.4 102.6

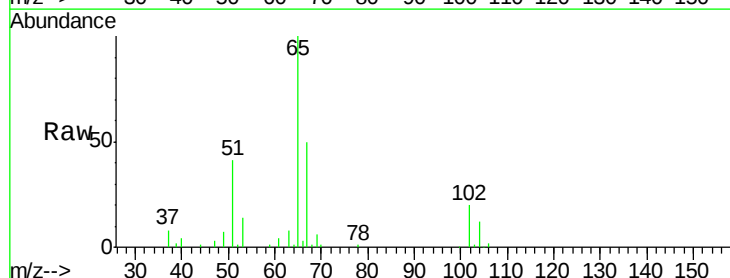


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

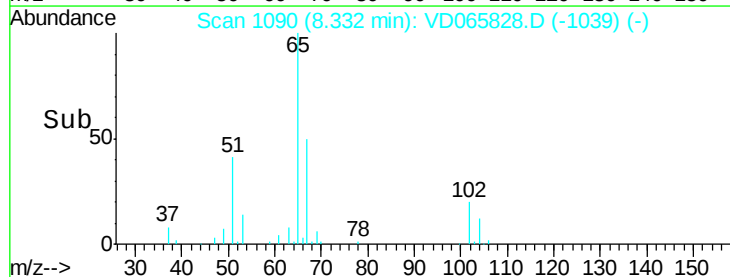
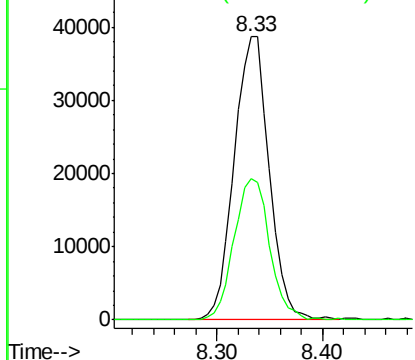


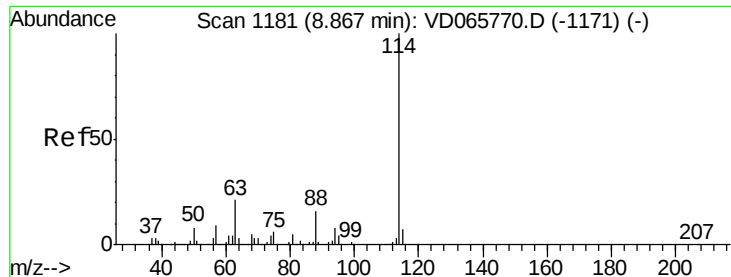
#33
1,2-Dichloroethane-d4
Concen: 58.620 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Tgt Ion: 65 Resp: 88802
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.6



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

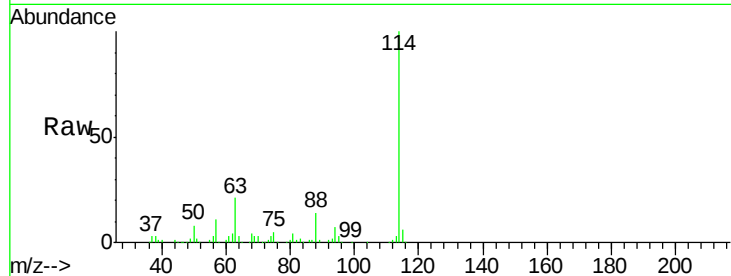




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065828.D
 Acq: 19 Jun 2020 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-061720

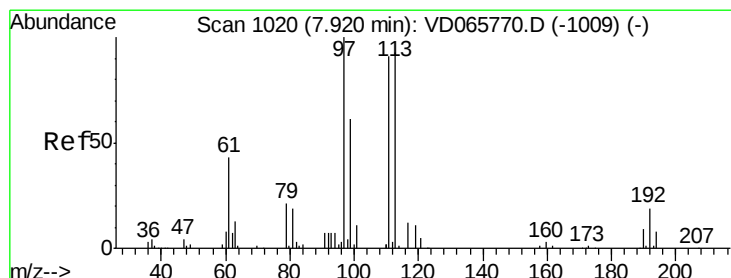
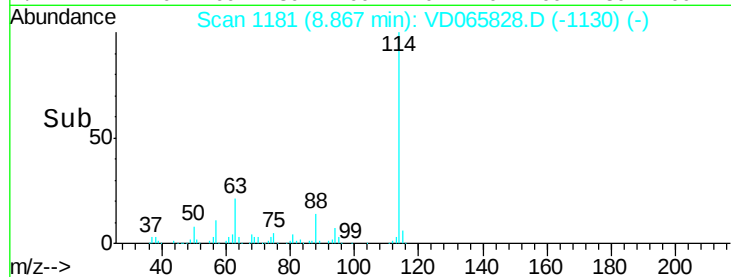
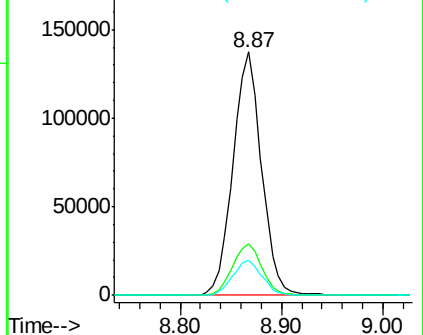
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.8
88	14.2	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

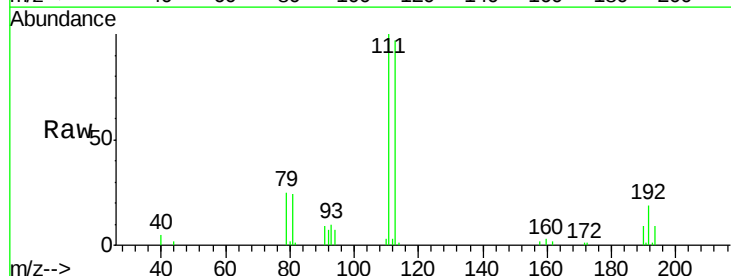
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 52.636 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065828.D
 Acq: 19 Jun 2020 15:05

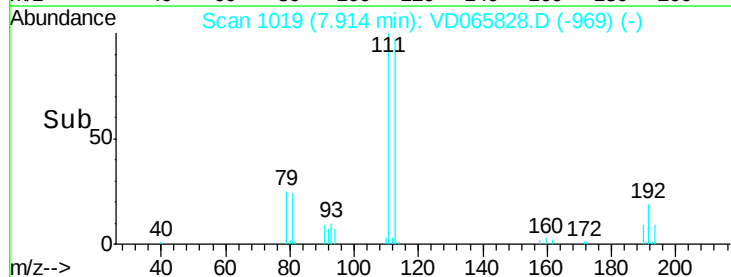
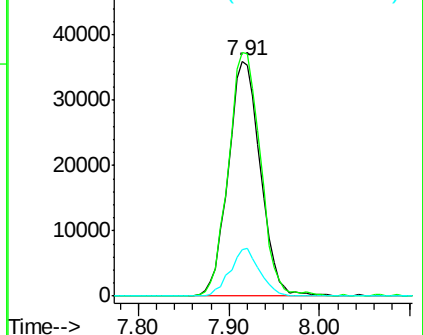
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	18.6	15.7	23.5

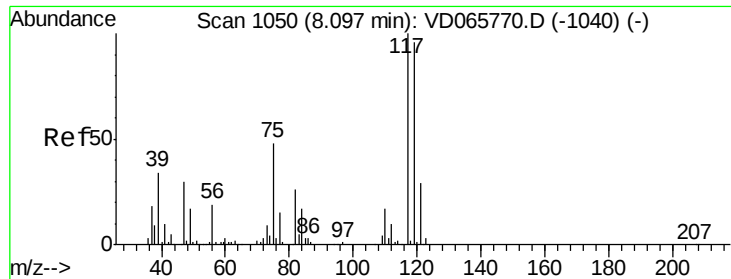


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

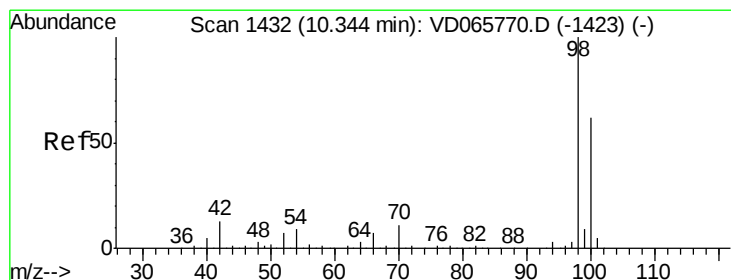
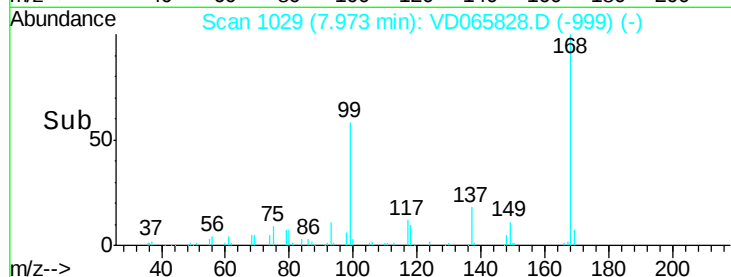
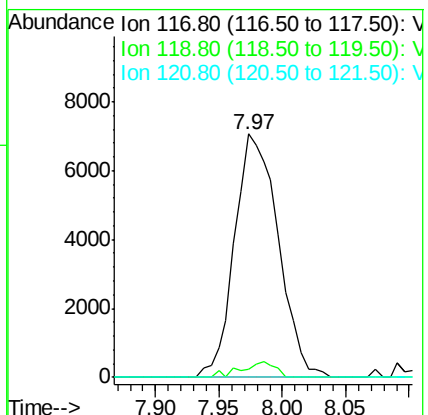
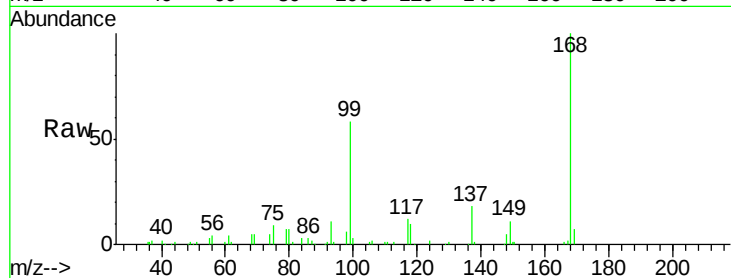




#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

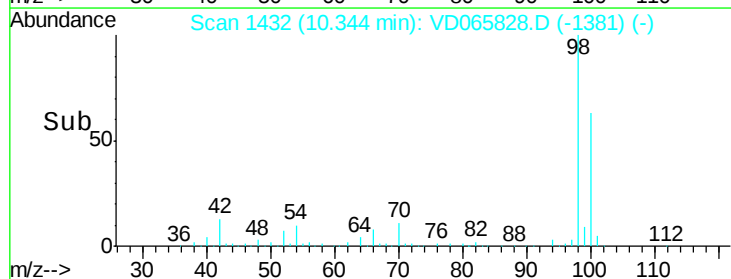
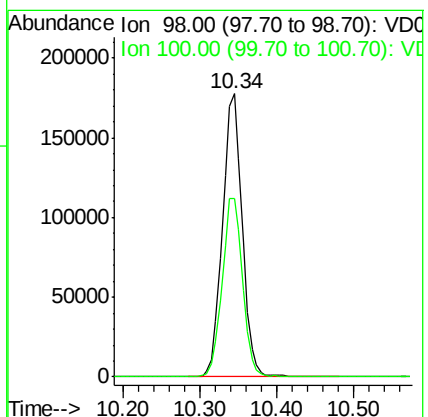
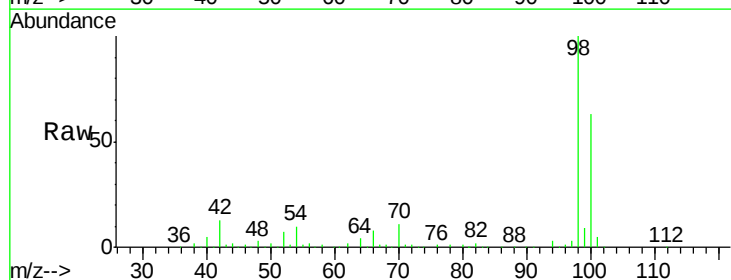
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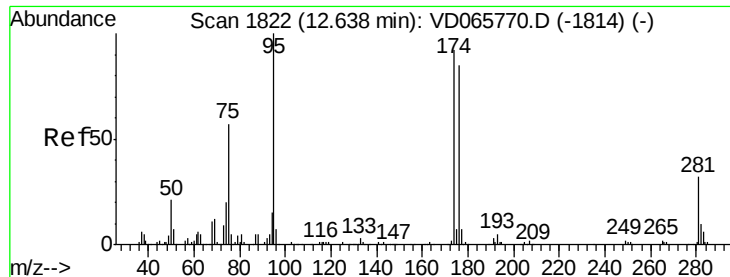
Tgt Ion:117 Resp: 16861
Ion Ratio Lower Upper
117 100
119 3.5 76.8 115.2#
121 0.0 23.4 35.2#



#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Tgt Ion: 98 Resp: 316117
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2

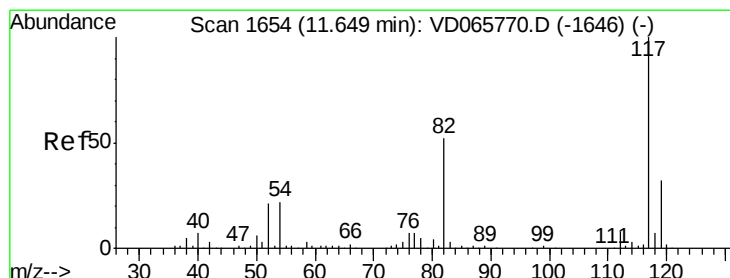
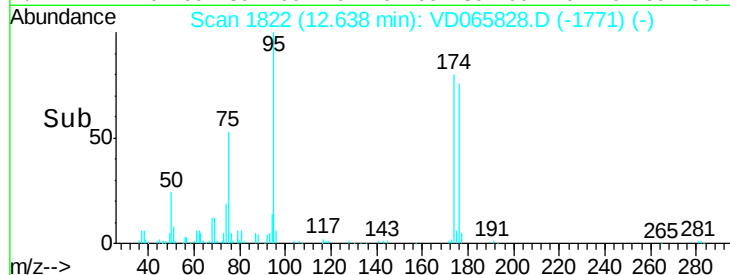
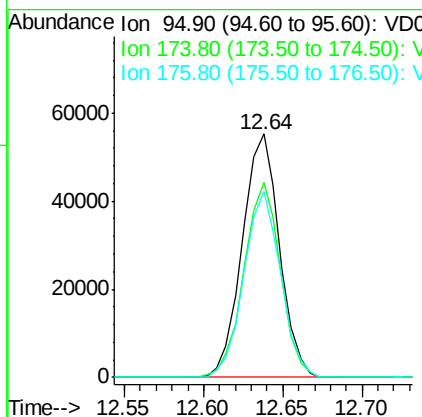
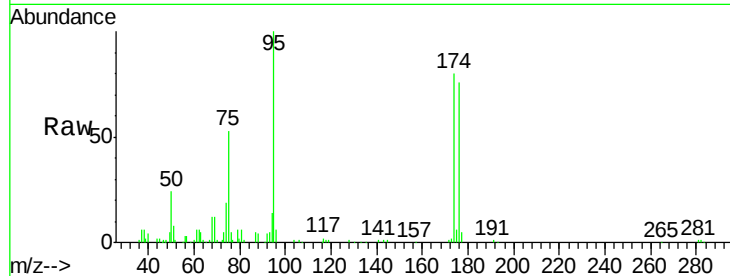




#62
4-Bromofluorobenzene
Concen: 41.984 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

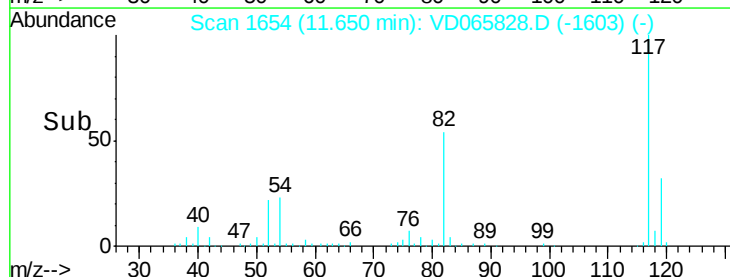
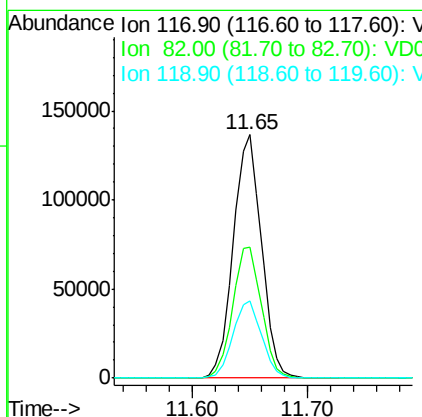
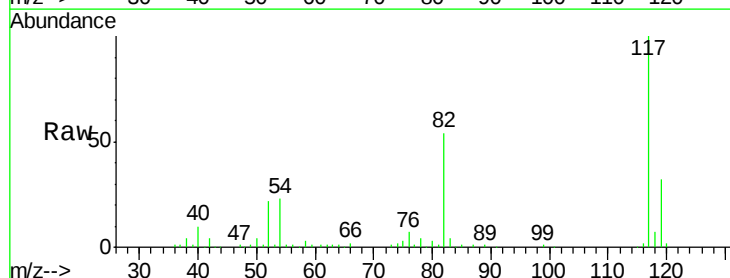
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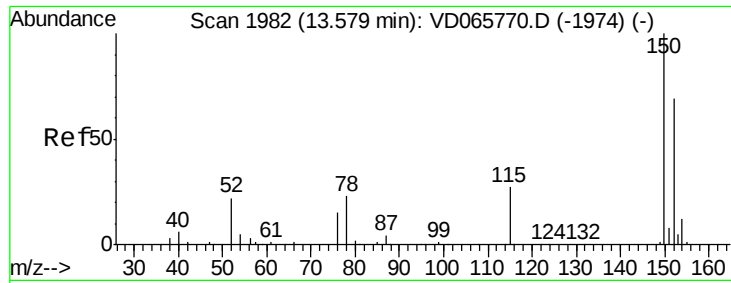
Tgt Ion: 95 Resp: 89824
Ion Ratio Lower Upper
95 100
174 78.9 0.0 175.2
176 75.8 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Tgt Ion: 117 Resp: 230963
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

SU-04-061720

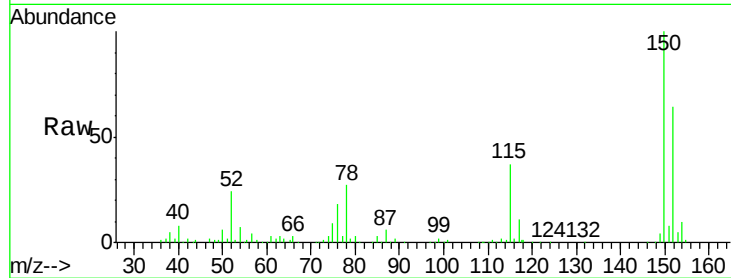
Tgt Ion:152 Resp: 86585

Ion Ratio Lower Upper

152 100

115 60.1 28.7 86.1

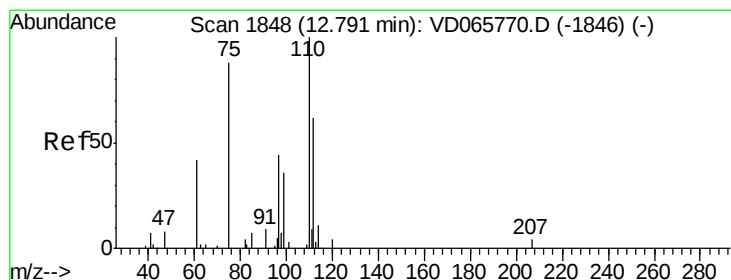
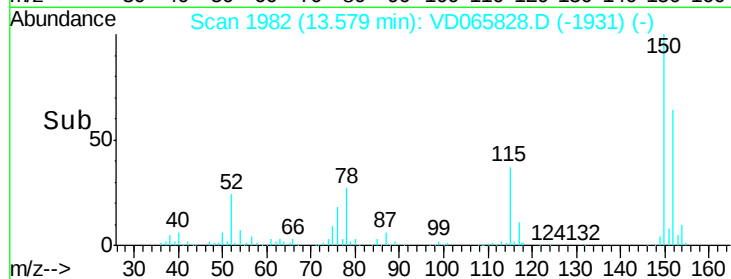
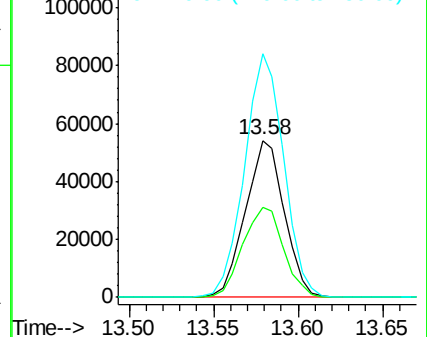
150 156.8 0.0 348.0



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: 72.540 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065828.D

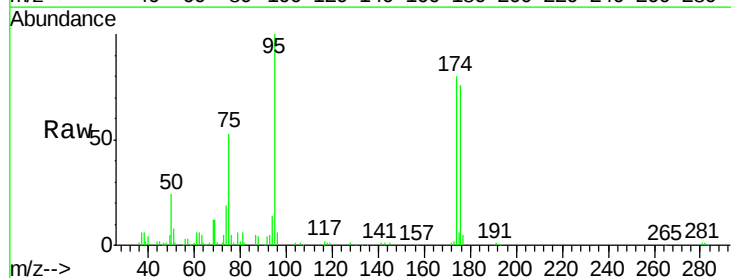
Acq: 19 Jun 2020 15:05

Tgt Ion: 75 Resp: 48847

Ion Ratio Lower Upper

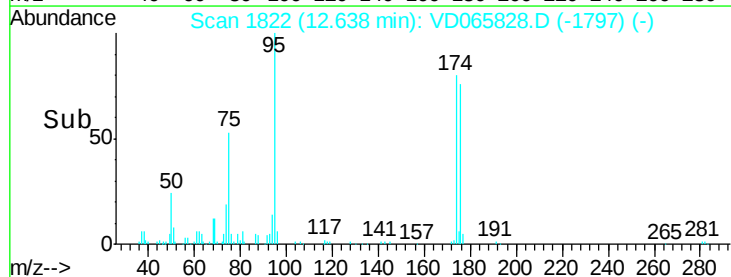
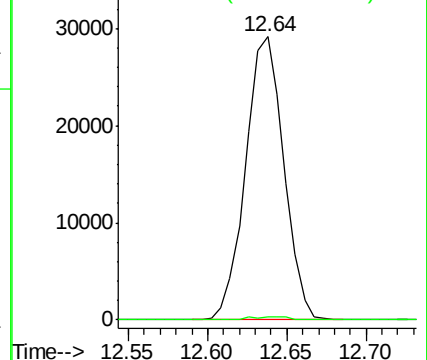
75 100

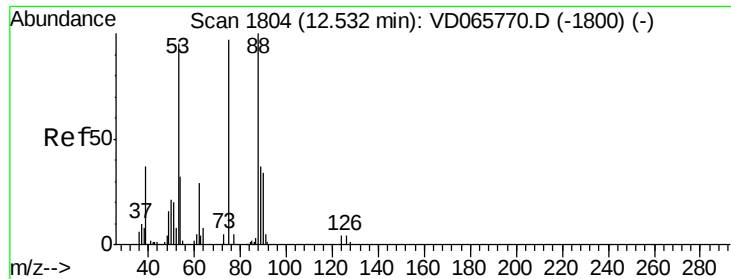
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

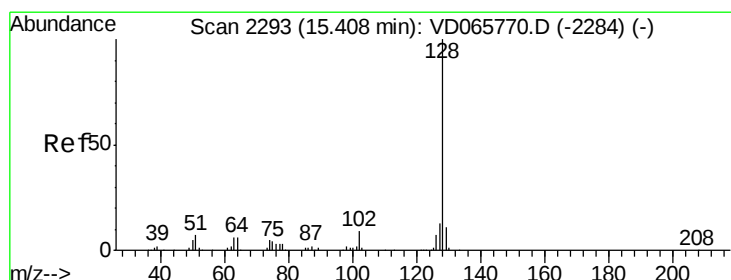
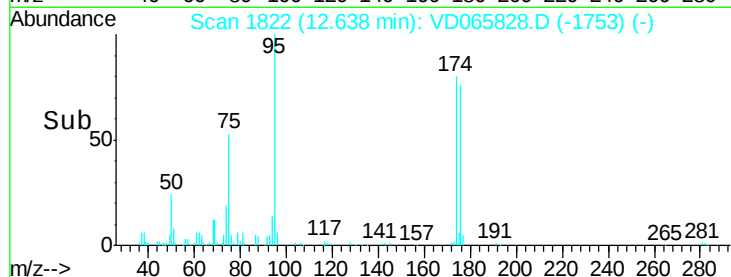
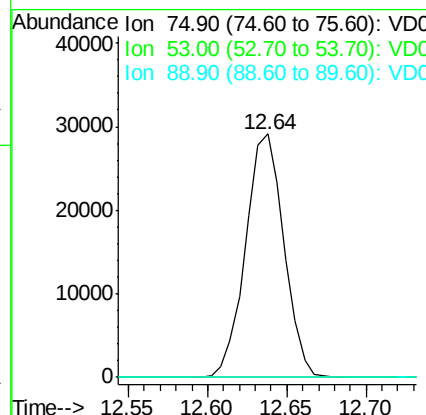
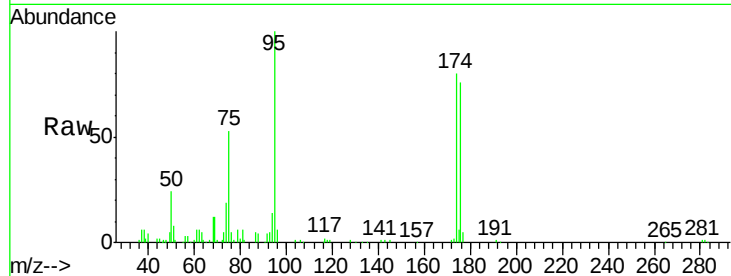




#81
trans-1,4-Dichloro-2-butene
Concen: 156.731 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
SU-04-061720

Tgt Ion: 75 Resp: 48847
Ion Ratio Lower Upper
75 100
53 0.0 82.6 123.8#
89 0.0 35.9 53.9#



#95
Naphthalene
Concen: 1.077 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Tgt Ion: 128 Resp: 2892
Ion Ratio Lower Upper
128 100
127 15.6 10.7 16.1
129 6.7 8.6 12.8#

