

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066116.D
 Acq On : 30 Jul 2020 17:26
 Operator : VA/SY
 Sample : L3494-08
 Misc : 8.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-03-9-10

Quant Time: Jul 31 02:04:57 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	237451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	373081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	407168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224600	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	104081	53.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.74%	
35) Dibromofluoromethane	7.91	113	116059	51.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.58%	
50) Toluene-d8	10.34	98	453741	53.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.64	95	191553	65.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	131.08%	

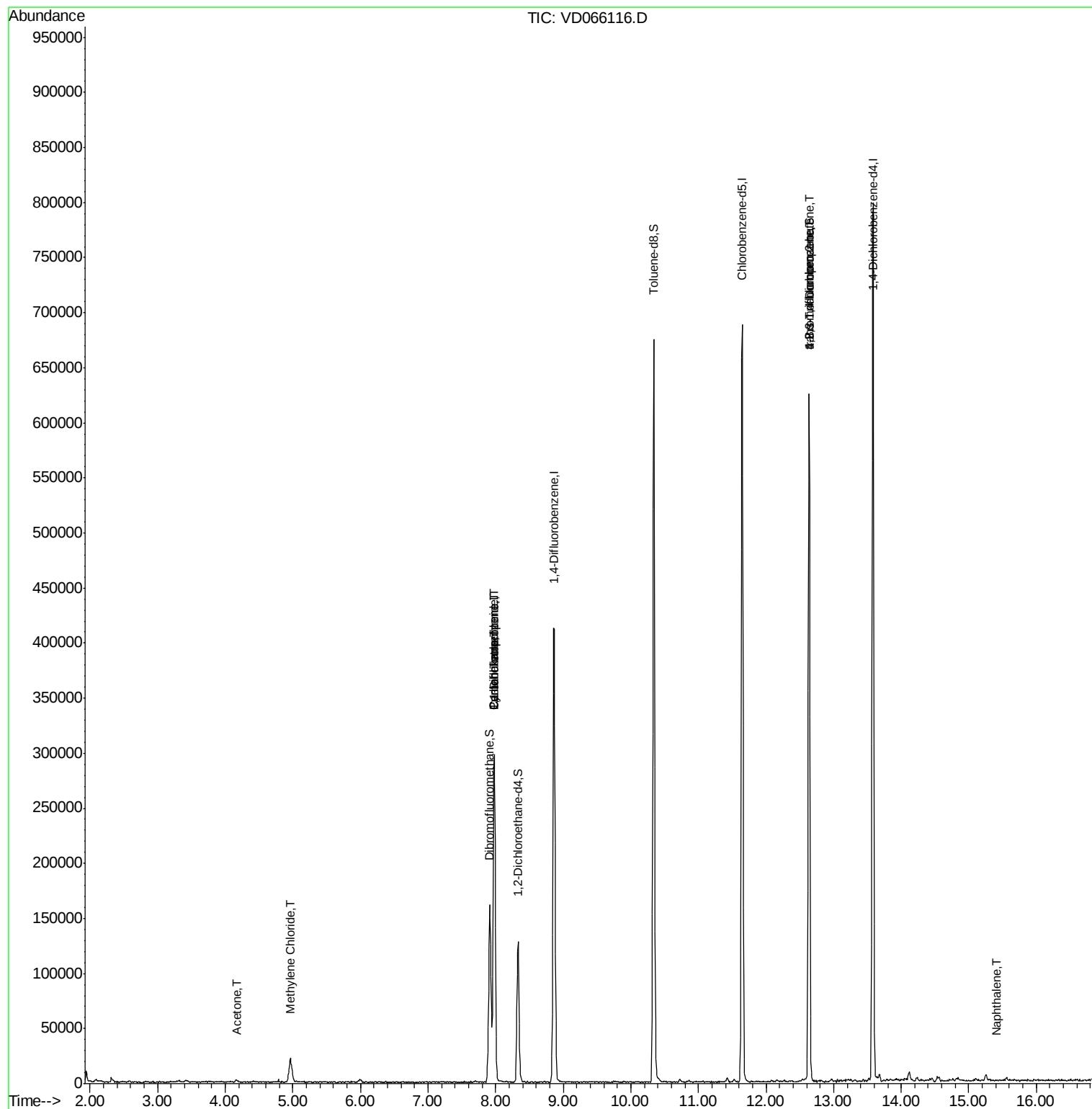
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.73	94	59	Below Cal	#	4
16) Acetone	4.17	43	3346	8.556	ug/l	97
20) Methylene Chloride	4.97	84	15568	4.501	ug/l #	80
31) Cyclohexane	7.98	56	3992	1.149	ug/l #	12
36) 1,1-Dichloropropene	7.98	75	16398	5.150	ug/l #	50
38) Carbon Tetrachloride	7.97	117	22703	6.571	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	99846	59.041	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	99846	135.479	ug/l #	11
95) Naphthalene	15.41	128	89	3.559	ug/l #	68

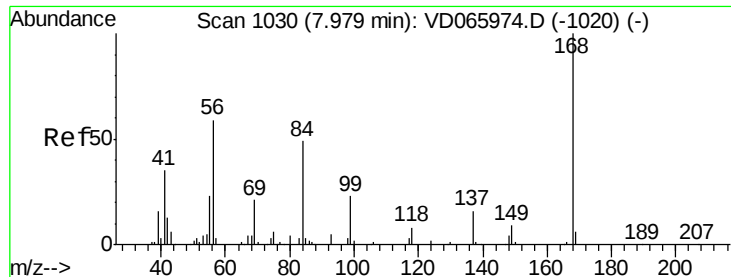
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066116.D

Acq: 30 Jul 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

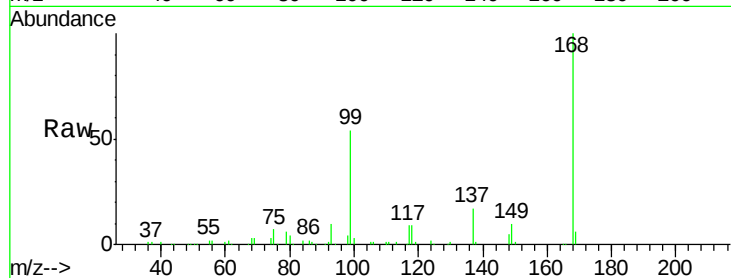
JTY1-SB-03-9-10

Tot Ion:168 Resp: 237451

Ion Ratio Lower Upper

168 100

99 53.5 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

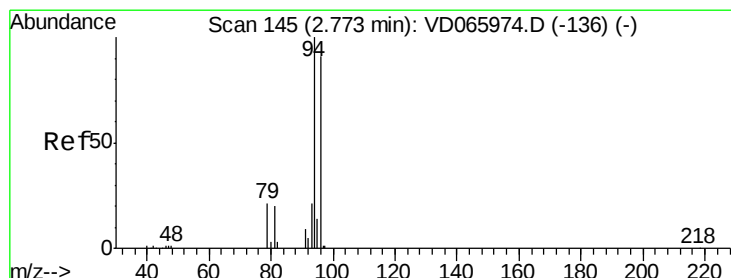
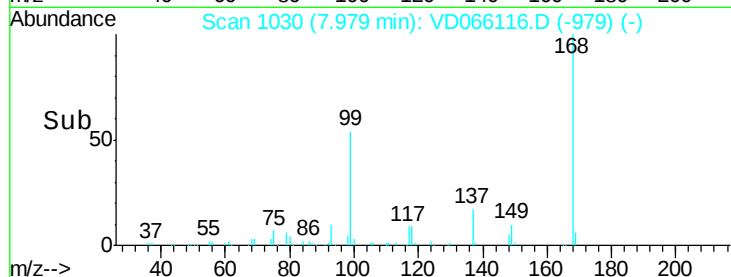
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.73 min Scan# 138

Delta R.T. -0.04 min

Lab File: VD066116.D

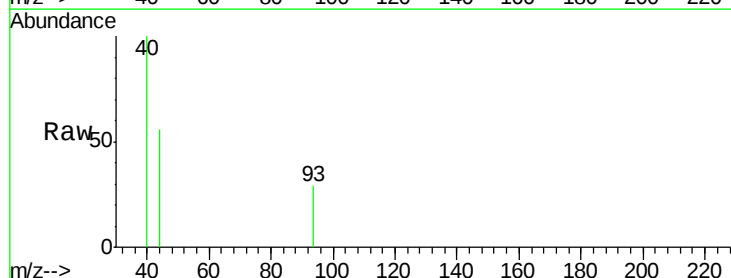
Acq: 30 Jul 2020 17:26

Tgt Ion: 94 Resp: 59

Ion Ratio Lower Upper

94 100

96 0.0 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.73

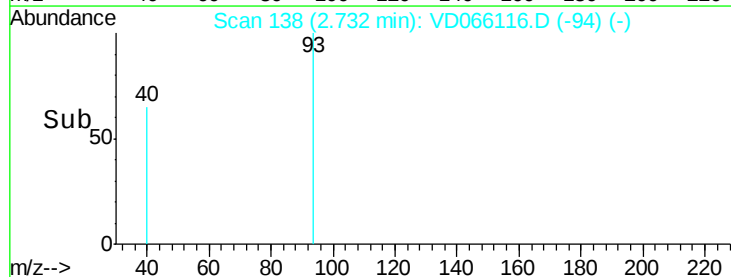
150

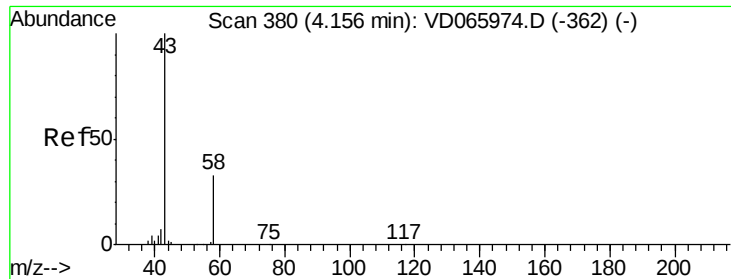
100

50

0

Time-->

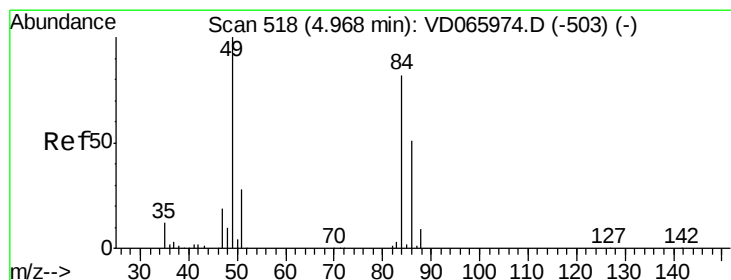
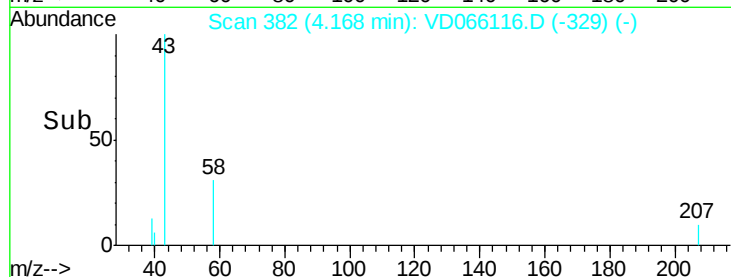
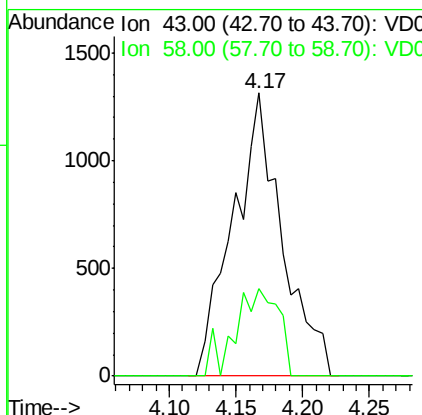
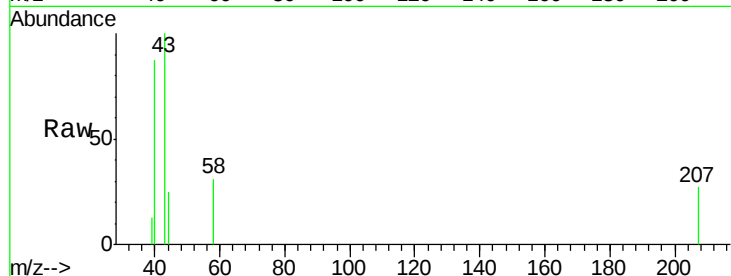




#16
Acetone
Concen: 8.556 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD066116.D
Acq: 30 Jul 2020 17:26

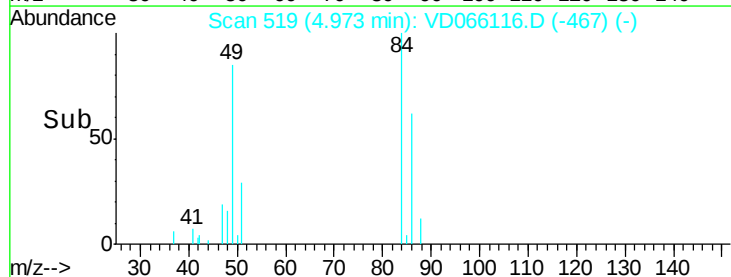
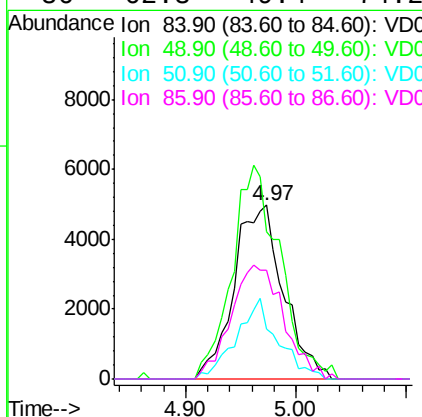
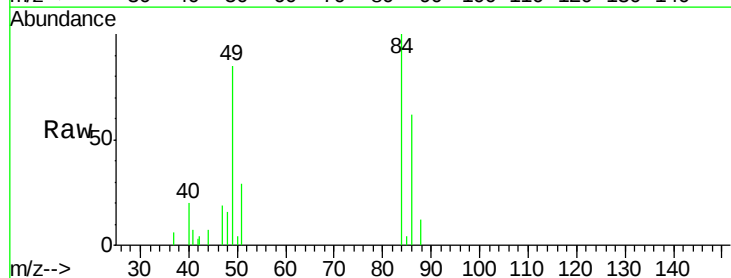
Instrument :
MSVOA_D
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JTY1-SB-03-9-10

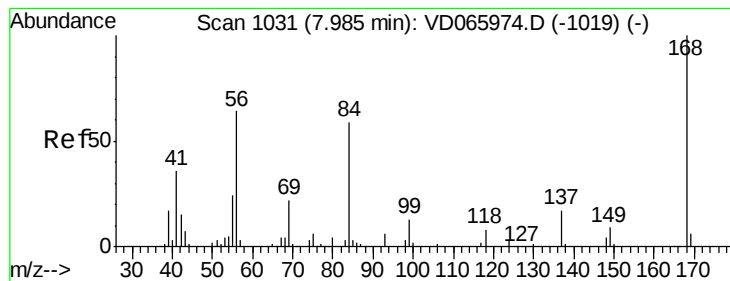
Tot Ion: 43 Resp: 3346
Ion Ratio Lower Upper
43 100
58 31.1 26.3 39.5



#20
Methylene Chloride
Concen: 4.501 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066116.D
Acq: 30 Jul 2020 17:26

Tgt Ion: 84 Resp: 15568
Ion Ratio Lower Upper
84 100
49 85.0 97.7 146.5#
51 29.0 27.4 41.2
86 62.3 49.4 74.2





#31

Cyclohexane

Concen: 1.149 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066116.D

Acq: 30 Jul 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-9-10

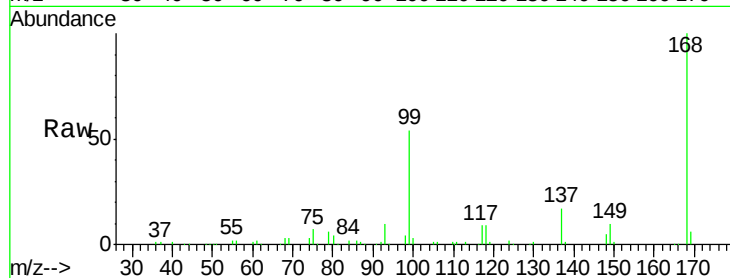
Tot Ion: 56 Resp: 3992

Ion Ratio Lower Upper

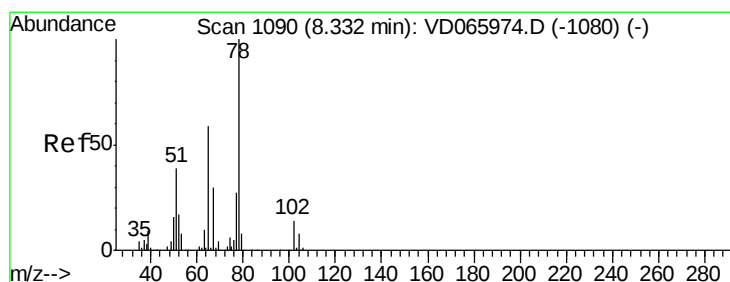
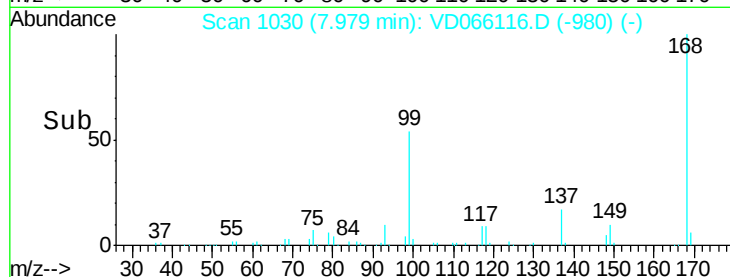
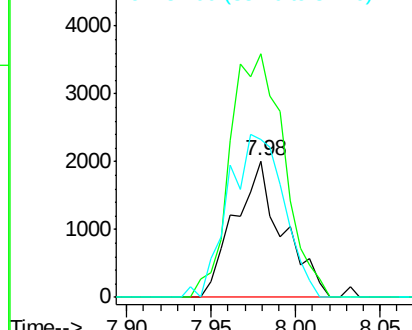
56 100

69 178.3 28.0 42.0#

84 115.9 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: 53.869 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066116.D

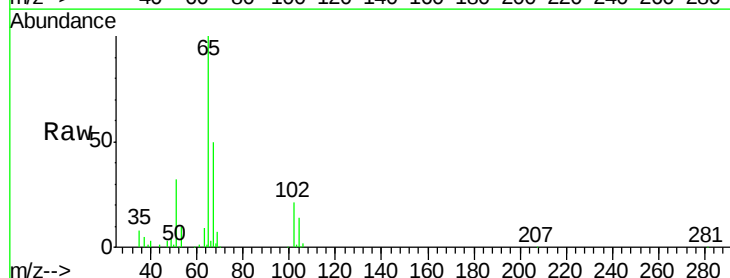
Acq: 30 Jul 2020 17:26

Tgt Ion: 65 Resp: 104081

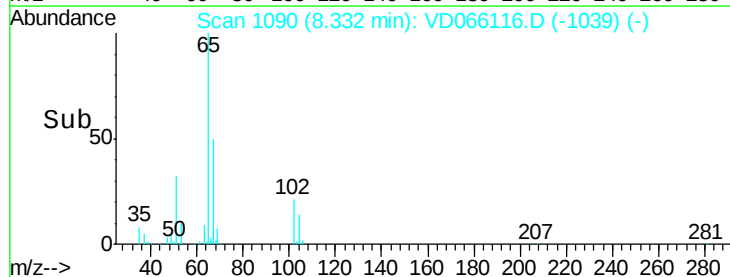
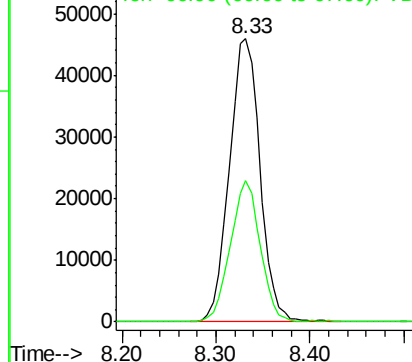
Ion Ratio Lower Upper

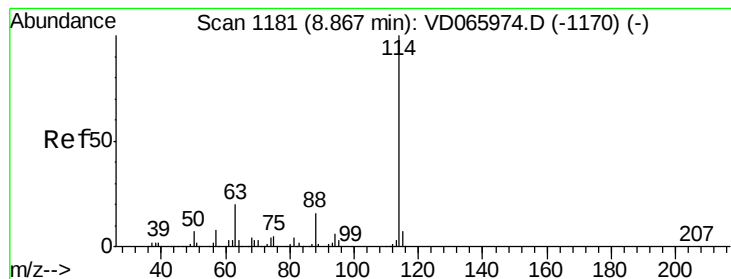
65 100

67 48.3 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: VD066116.D

Acq: 30 Jul 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-9-10

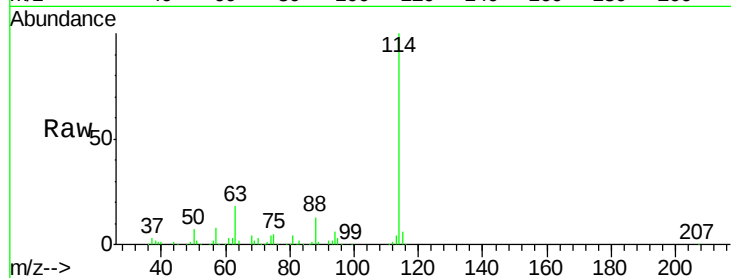
Tot Ion:114 Resp: 373081

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

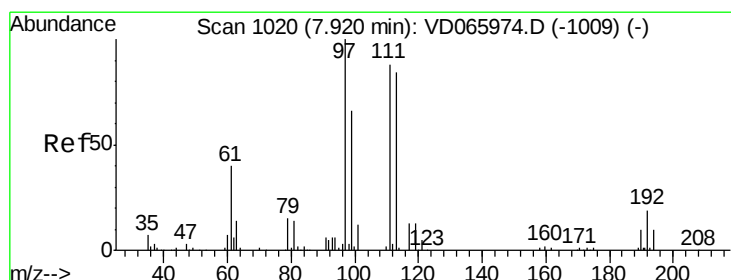
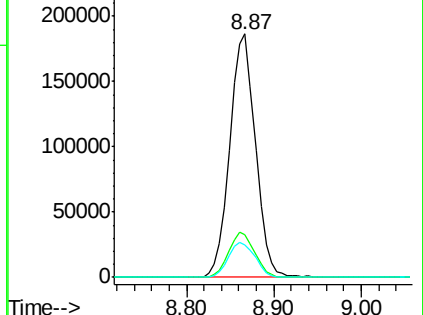
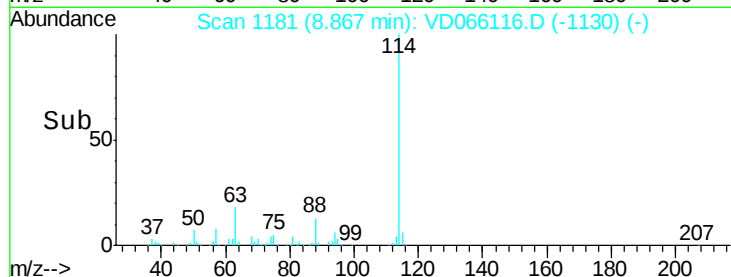
88 13.1 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 51.289 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066116.D

Acq: 30 Jul 2020 17:26

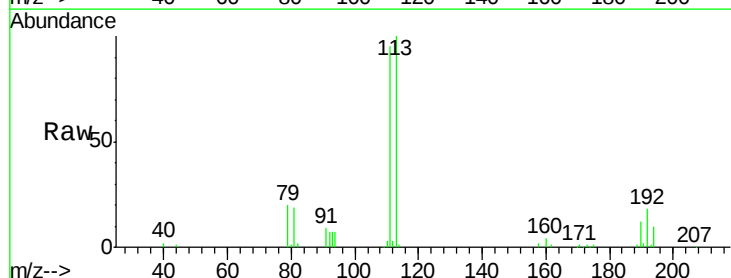
Tgt Ion:113 Resp: 116059

Ion Ratio Lower Upper

113 100

111 99.1 83.2 124.8

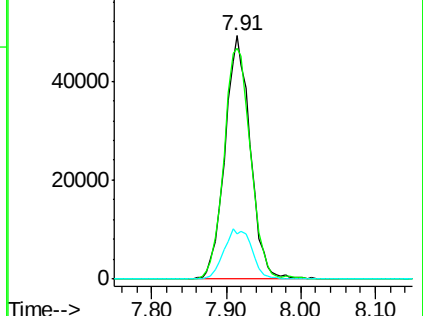
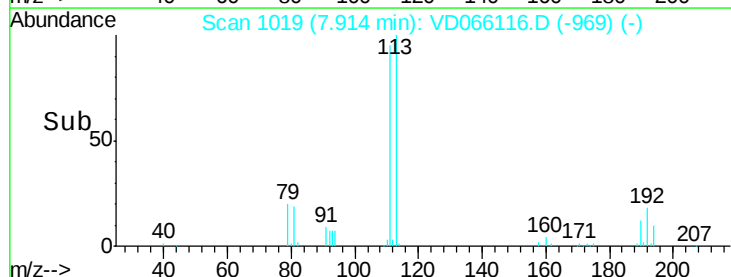
192 22.5 18.7 28.1

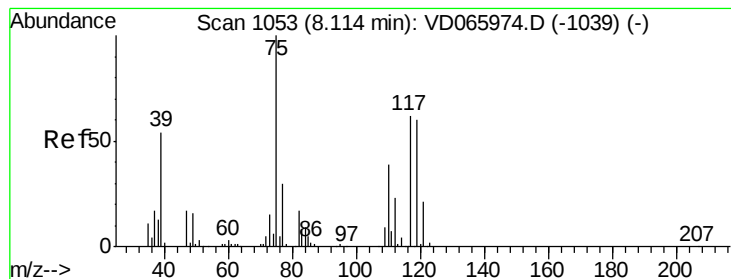


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.150 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD066116.D

Acq: 30 Jul 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-9-10

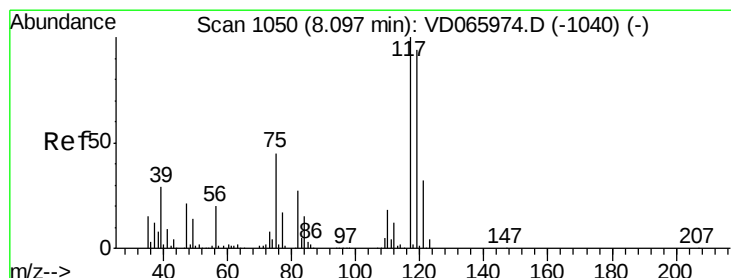
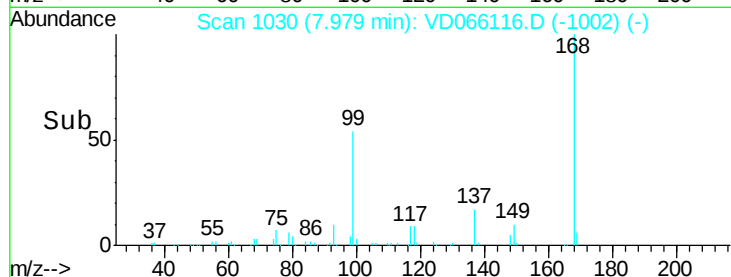
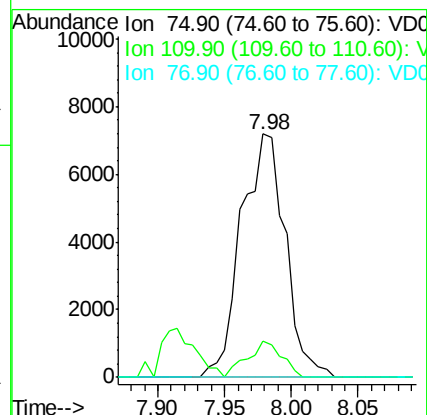
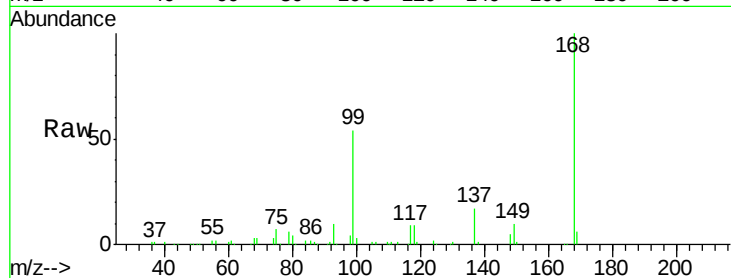
Tot Ion: 75 Resp: 16398

Ion Ratio Lower Upper

75 100

110 11.7 19.5 58.5#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.571 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066116.D

Acq: 30 Jul 2020 17:26

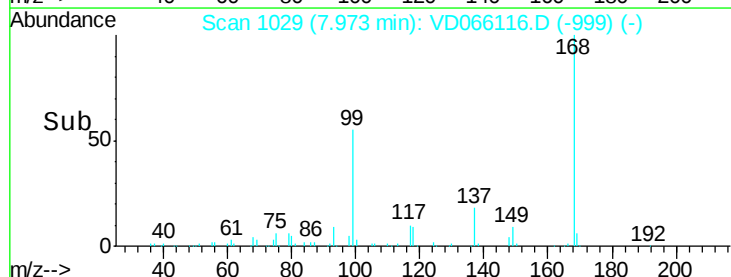
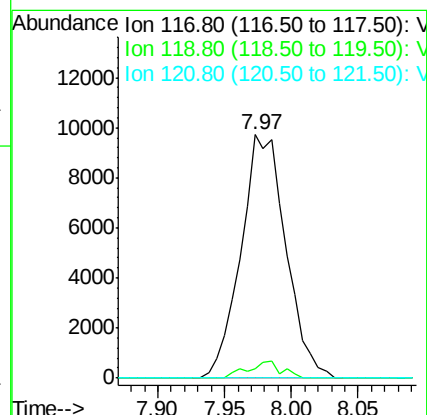
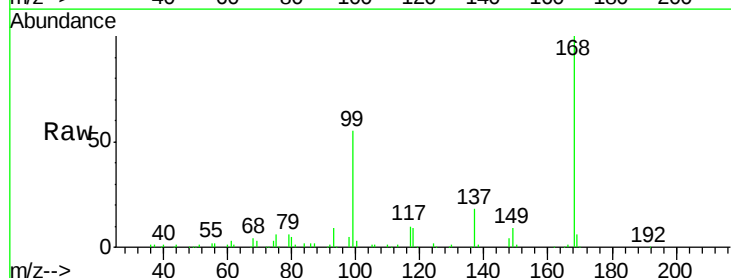
Tgt Ion: 117 Resp: 22703

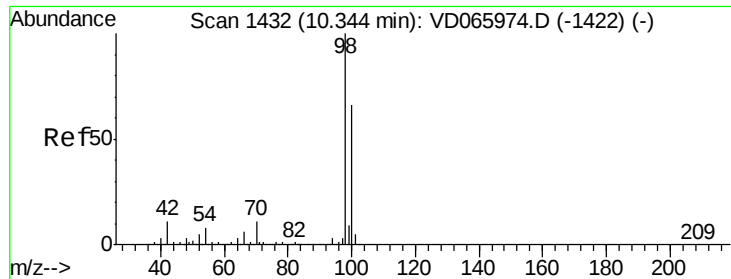
Ion Ratio Lower Upper

117 100

119 4.1 75.0 112.6#

121 0.0 25.5 38.3#

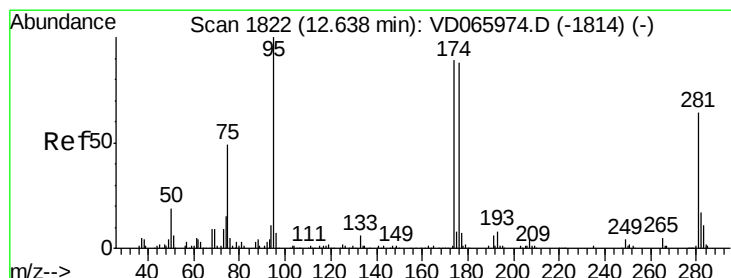
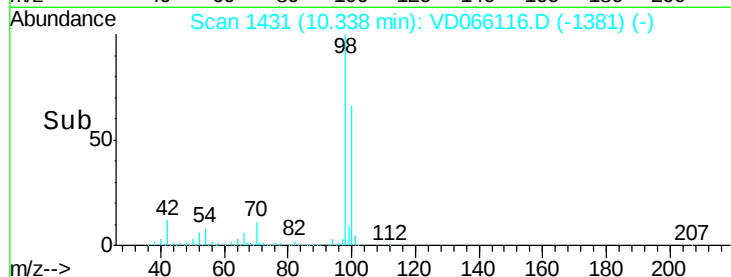
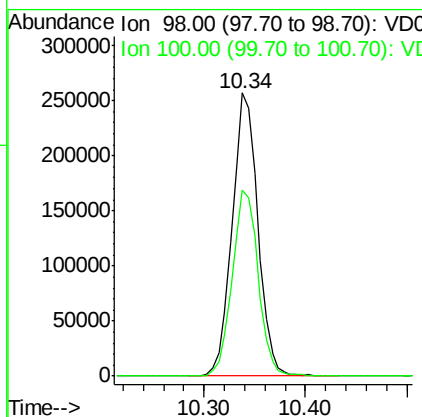
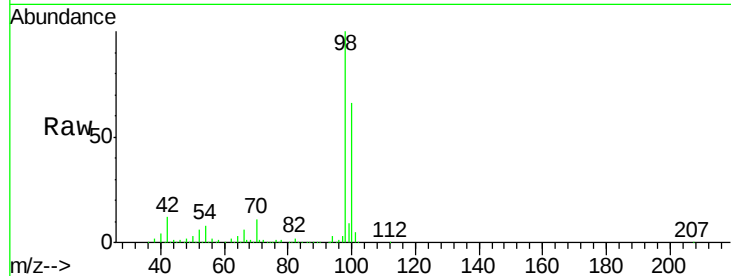




#50
Toluene-d8
Concen: 53.826 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066116.D
Acq: 30 Jul 2020 17:26

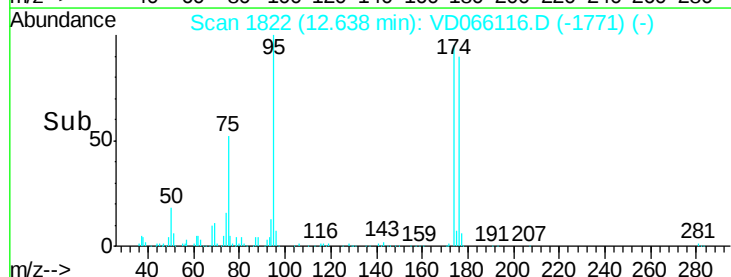
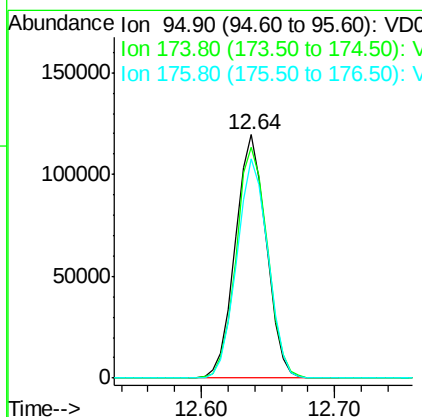
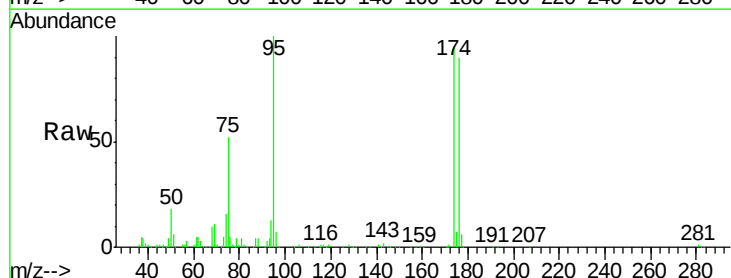
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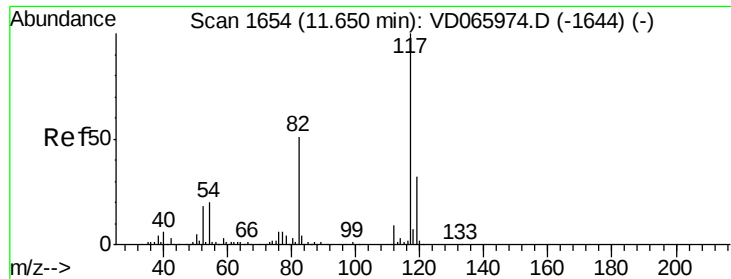
Tot Ion: 98 Resp: 453741
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 65.535 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066116.D
Acq: 30 Jul 2020 17:26

Tgt Ion: 95 Resp: 191553
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.8
176 90.6 0.0 172.6

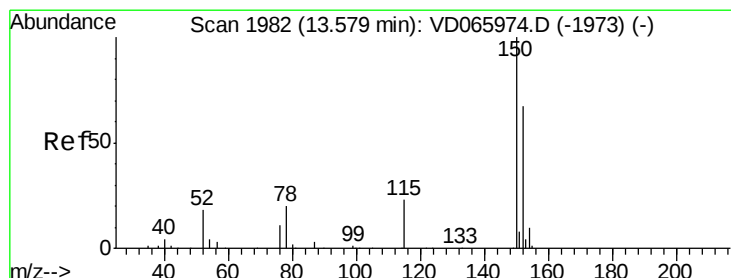
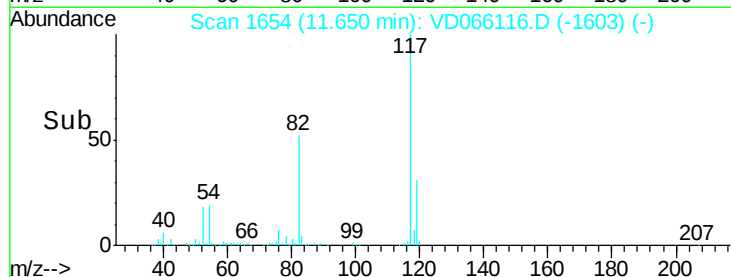
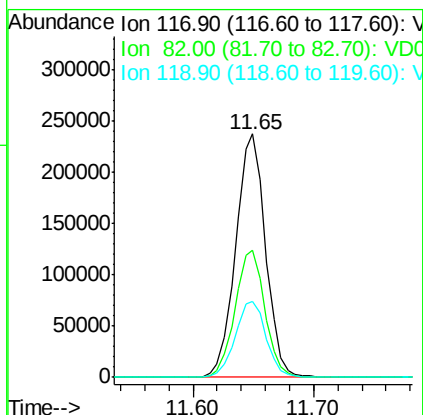
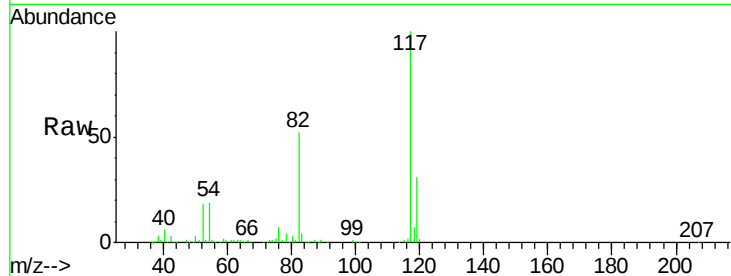




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066116.D
Acq: 30 Jul 2020 17:26

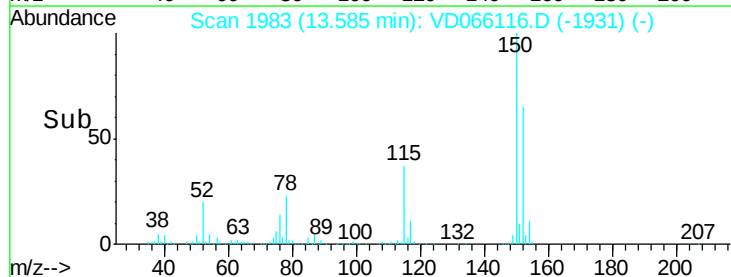
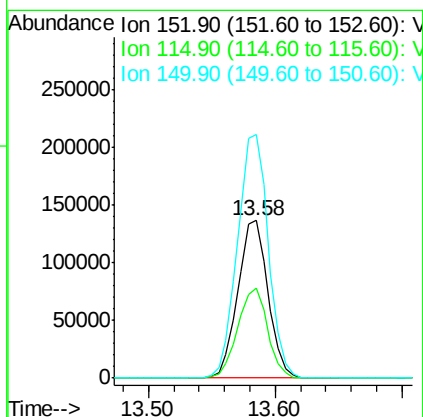
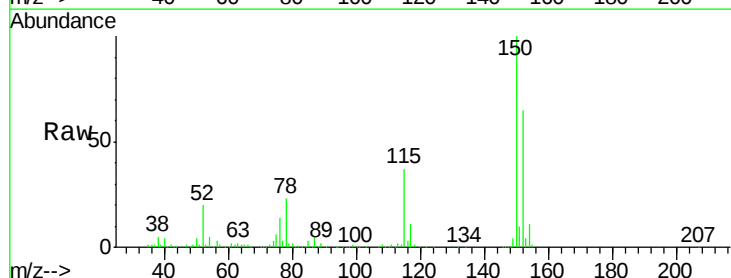
Instrument :
MSVOA_D
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JTY1-SB-03-9-10

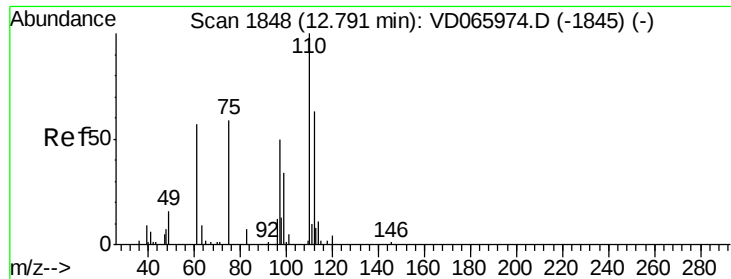
Tot Ion:117 Resp: 407168
Ion Ratio Lower Upper
117 100
82 52.4 41.1 61.7
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066116.D
Acq: 30 Jul 2020 17:26

Tgt Ion:152 Resp: 224600
Ion Ratio Lower Upper
152 100
115 56.6 27.9 83.7
150 158.0 0.0 348.2

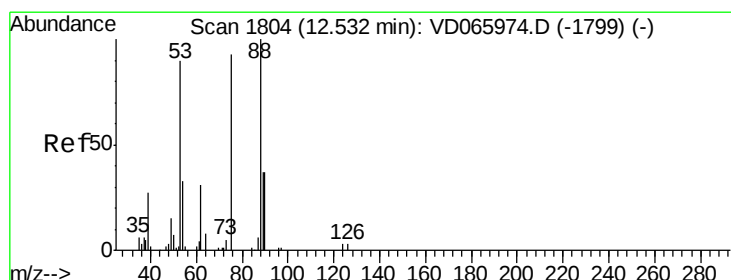
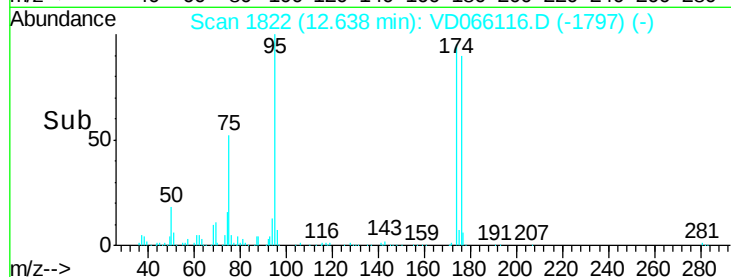
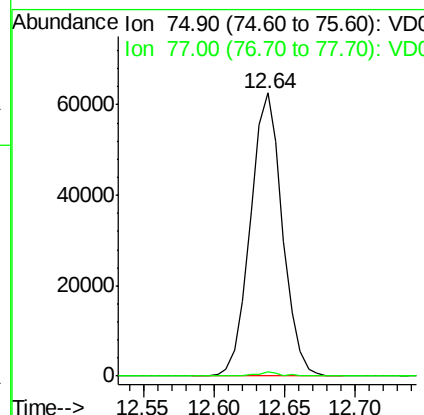
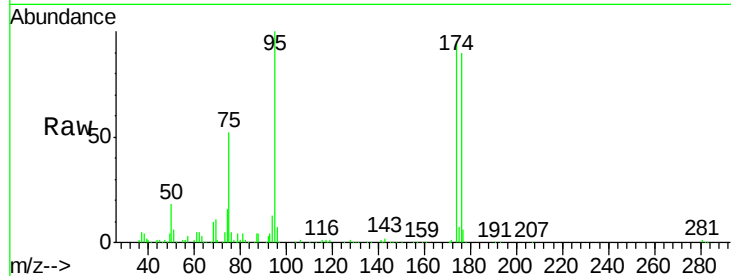




#76
 1,2,3-Trichloropropane
 Concen: 59.041 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066116.D
 Acq: 30 Jul 2020 17:26

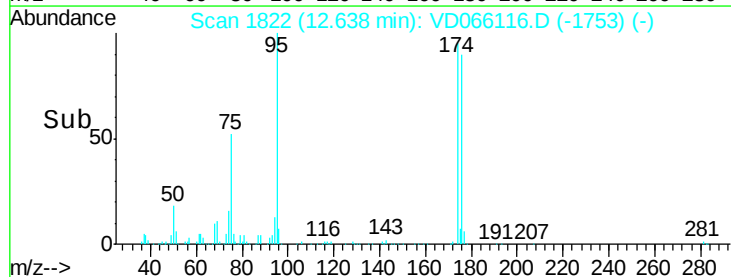
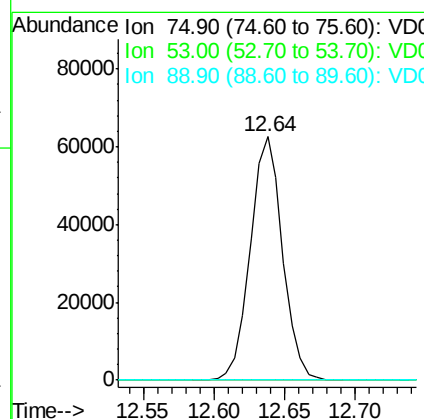
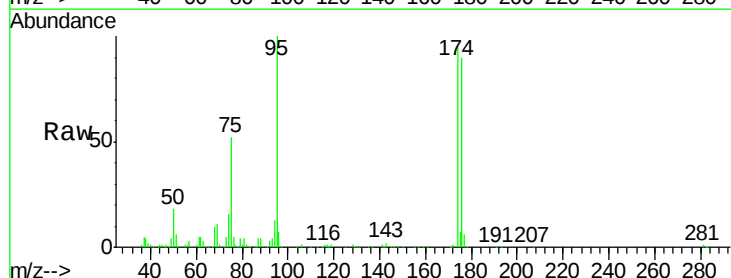
Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-03-9-10

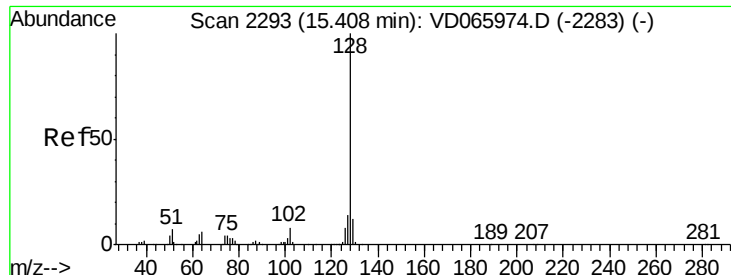
Tot Ion: 75 Resp: 99846
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.479 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066116.D
 Acq: 30 Jul 2020 17:26

Tgt Ion: 75 Resp: 99846
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.8 115.2#
 89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 3.559 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066116.D

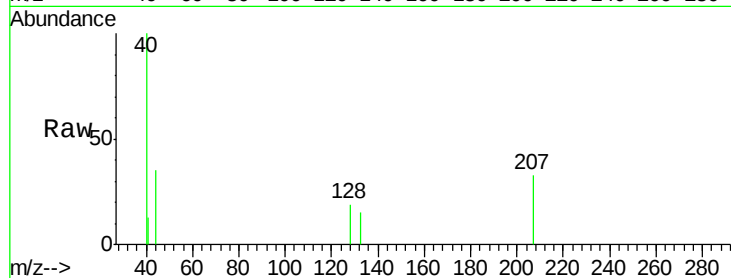
Acq: 30 Jul 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-9-10



Tot Ion:	128	Resp:	89
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.9	13.3#

