

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067518.D
 Acq On : 04 Nov 2020 14:15
 Operator : VA/SY
 Sample : L4619-04
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-3-4-COMP

Quant Time: Nov 05 00:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

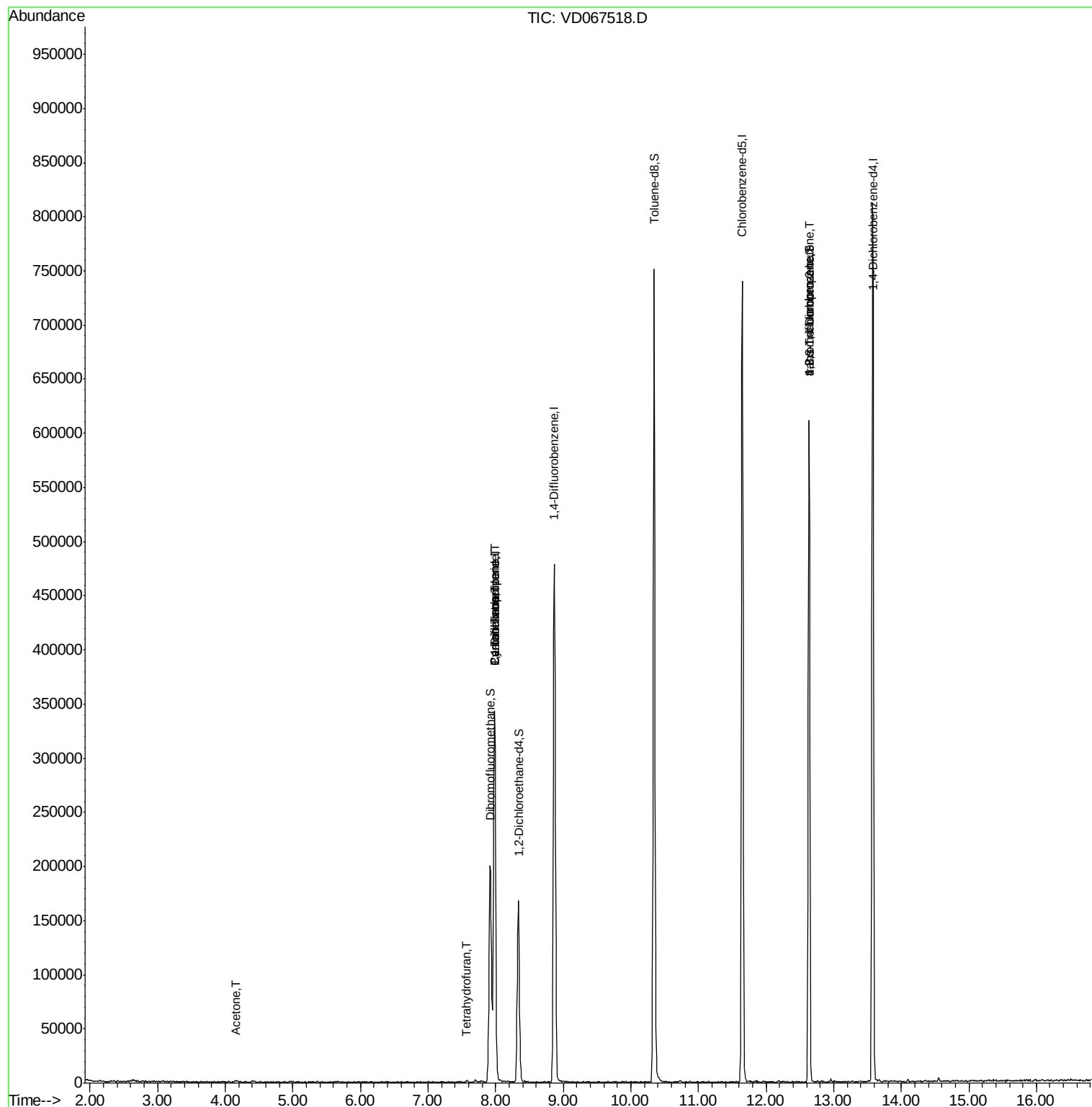
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	260281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	443064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	144208	63.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.72%	
35) Dibromofluoromethane	7.92	113	145204	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
50) Toluene-d8	10.34	98	521555	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.64	95	192503	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.98	85	85	Below Cal	#	44
16) Acetone	4.16	43	2548	7.482	ug/l	98
29) Tetrahydrofuran	7.57	42	740	3.395	ug/l	89
31) Cyclohexane	7.98	56	5228	1.584	ug/l #	31
36) 1,1-Dichloropropene	7.98	75	18275	4.819	ug/l #	50
38) Carbon Tetrachloride	7.98	117	25929	5.262	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	100406	72.865	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	100406	147.936	ug/l #	10

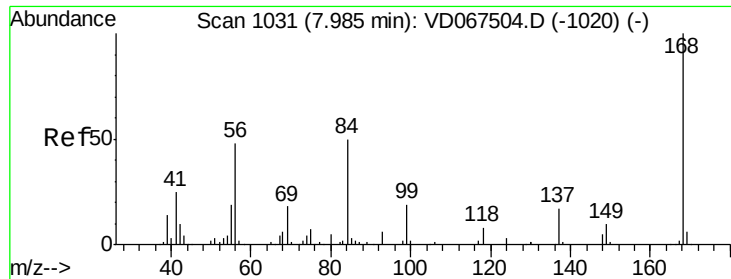
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067518.D

Acq: 04 Nov 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

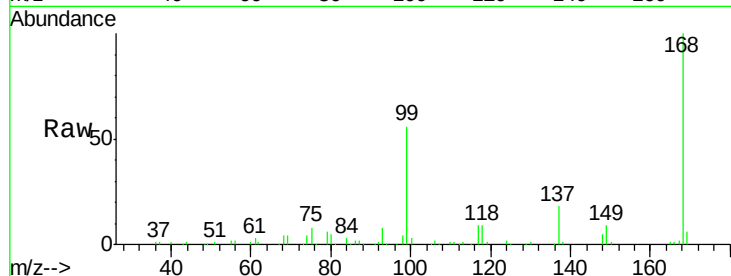
TP-1-3-4-COMP

Tot Ion:168 Resp: 260281

Ion Ratio Lower Upper

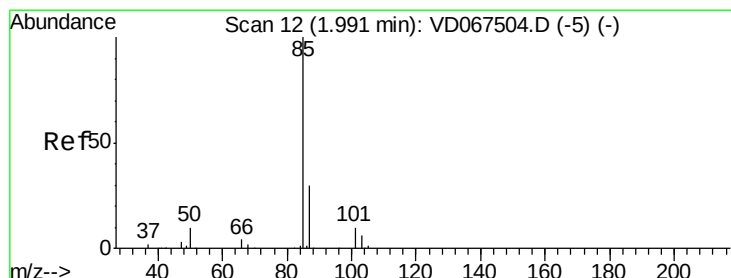
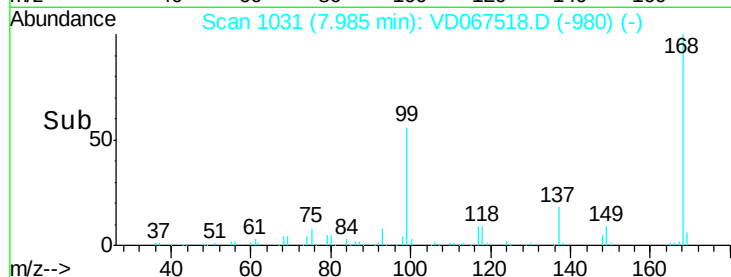
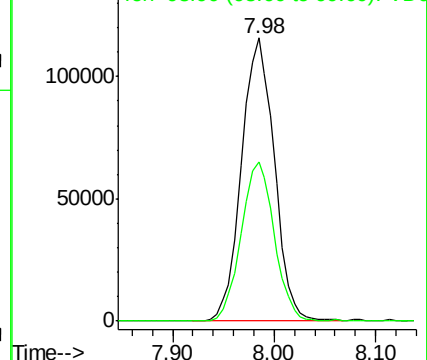
168 100

99 56.1 45.0 67.6



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: 1.98 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067518.D

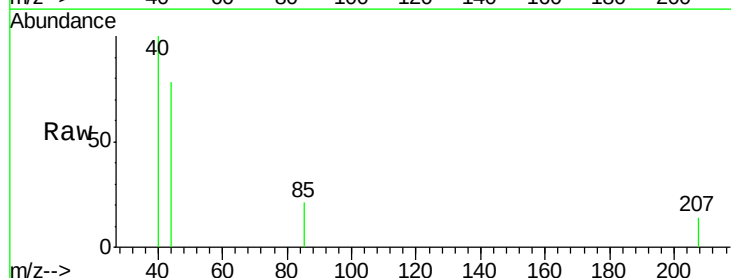
Acq: 04 Nov 2020 14:15

Tgt Ion: 85 Resp: 85

Ion Ratio Lower Upper

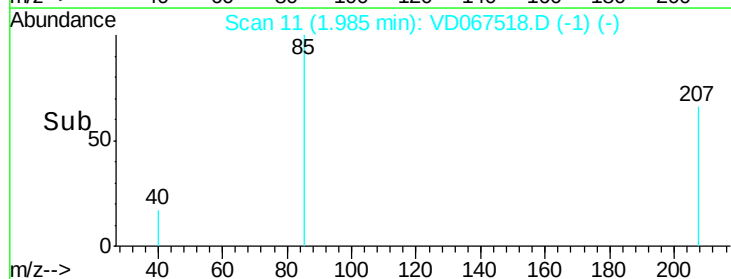
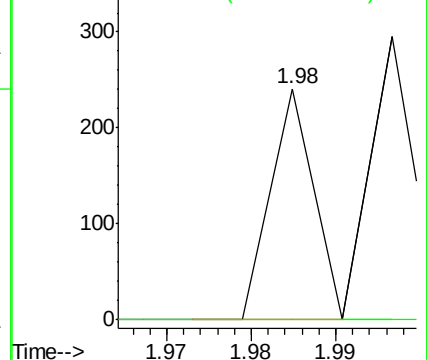
85 100

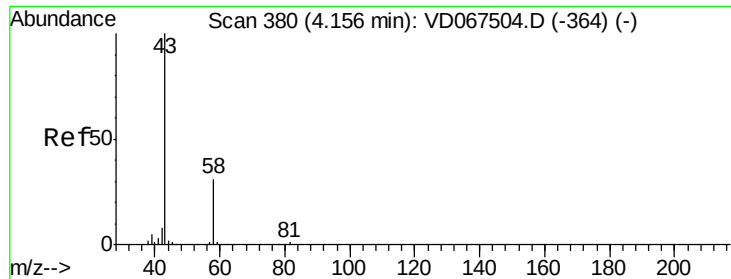
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 7.482 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067518.D

Acq: 04 Nov 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

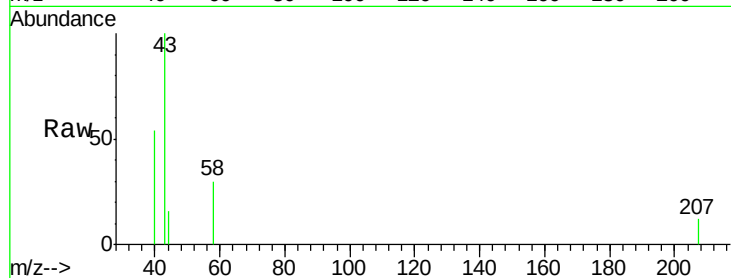
TP-1-3-4-COMP

Tot Ion: 43 Resp: 2548

Ion Ratio Lower Upper

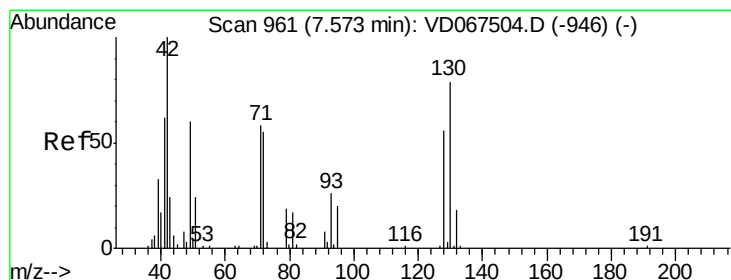
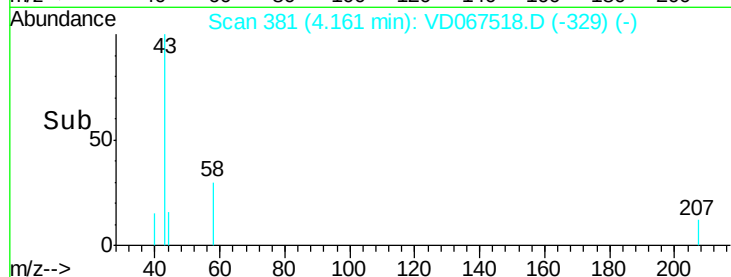
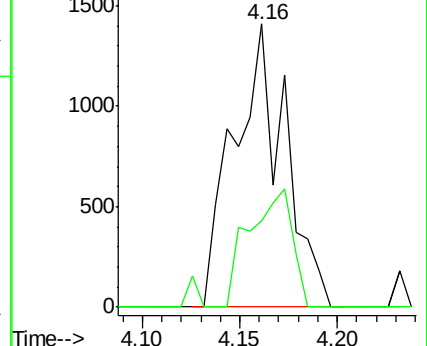
43 100

58 30.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#29

Tetrahydrofuran

Concen: 3.395 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067518.D

Acq: 04 Nov 2020 14:15

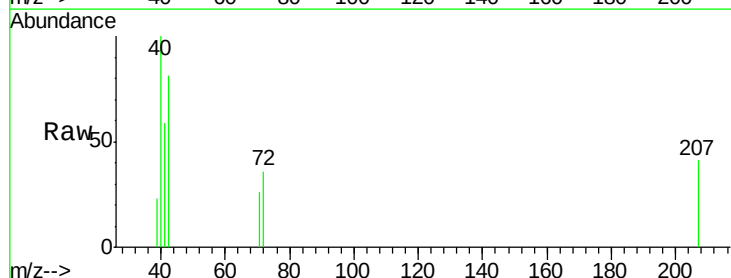
Tgt Ion: 42 Resp: 740

Ion Ratio Lower Upper

42 100

72 66.2 46.3 69.5

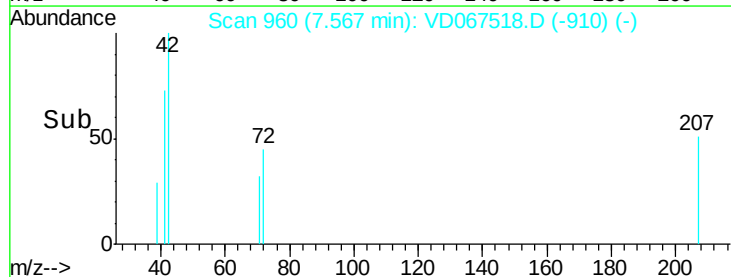
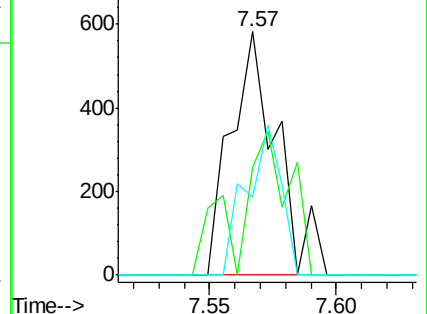
71 46.8 44.0 66.0

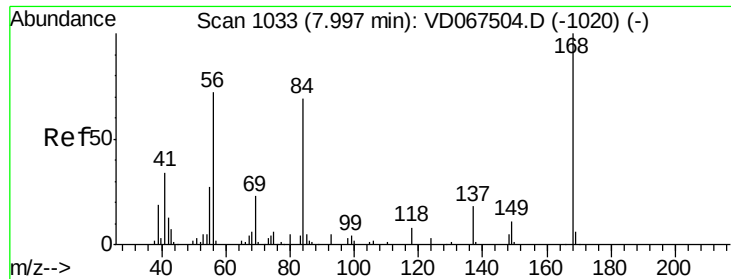


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

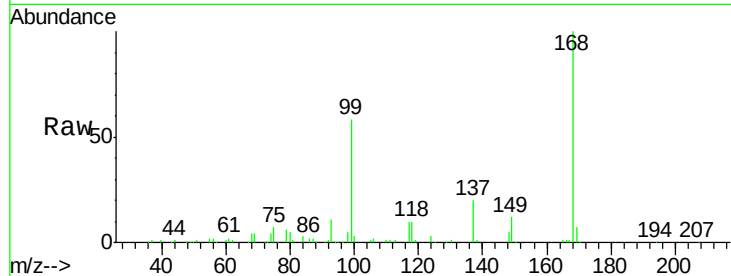




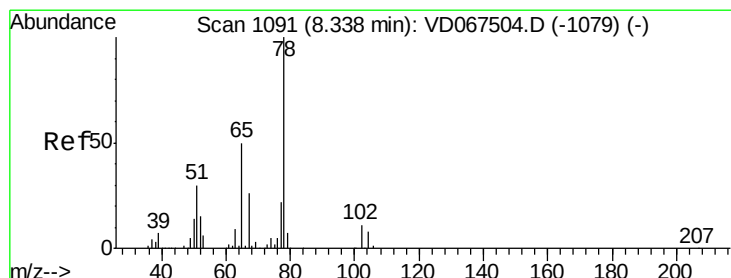
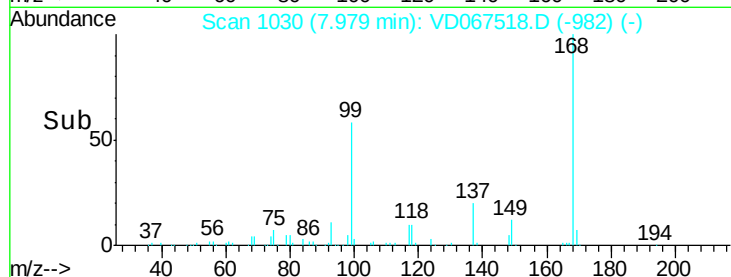
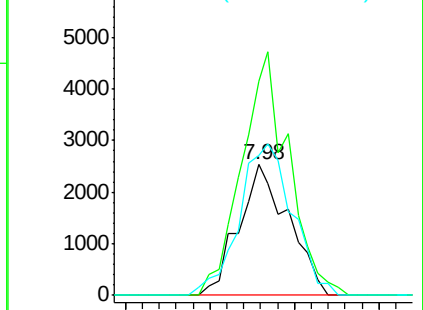
#31
Cyclohexane
Concen: 1.584 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067518.D
Acq: 04 Nov 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
TP-1-3-4-COMP

Tot Ion: 56 Resp: 5228
Ion Ratio Lower Upper
56 100
69 164.2 25.9 38.9#
84 107.2 76.2 114.4

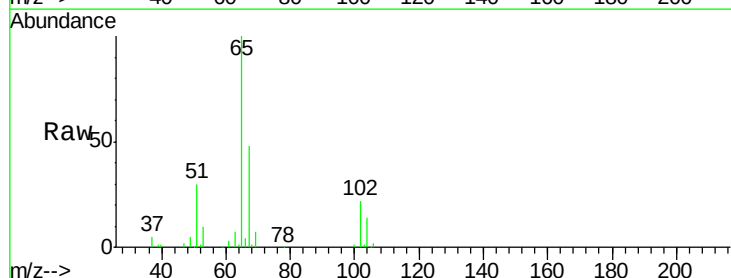


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

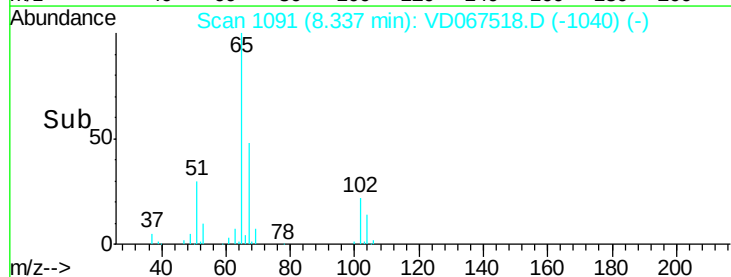
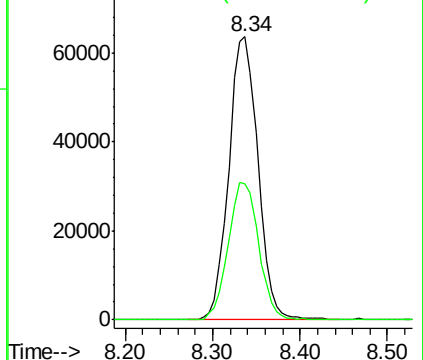


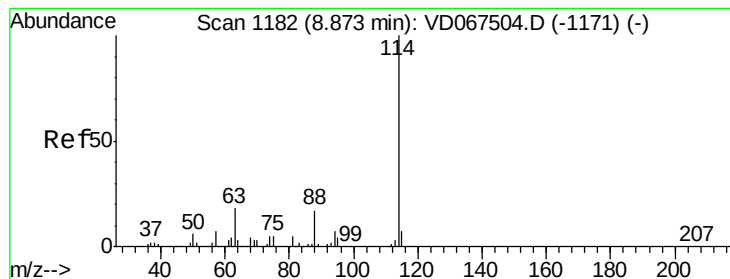
#33
1,2-Dichloroethane-d4
Concen: 63.364 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067518.D
Acq: 04 Nov 2020 14:15

Tgt Ion: 65 Resp: 144208
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4



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. -0.01 min

Lab File: VD067518.D

Acq: 04 Nov 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

TP-1-3-4-COMP

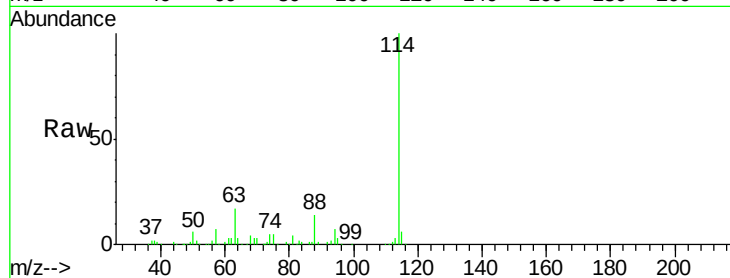
Tot Ion:114 Resp: 443064

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

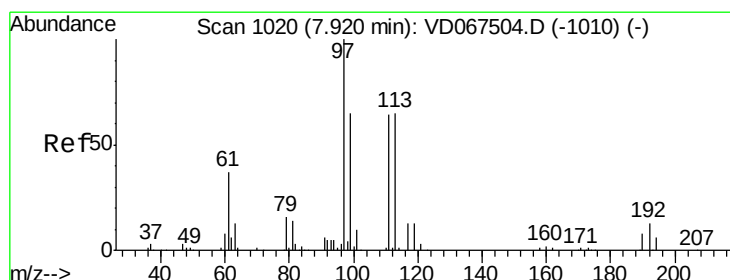
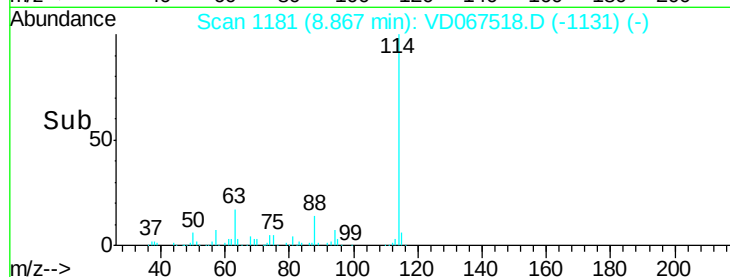
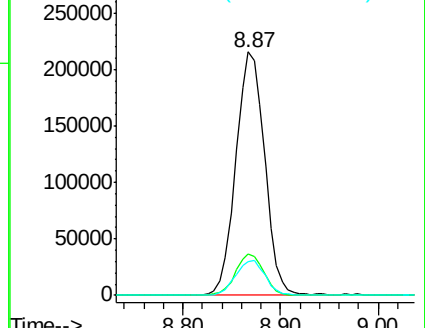
88 14.1 0.0 33.0



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: 54.395 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067518.D

Acq: 04 Nov 2020 14:15

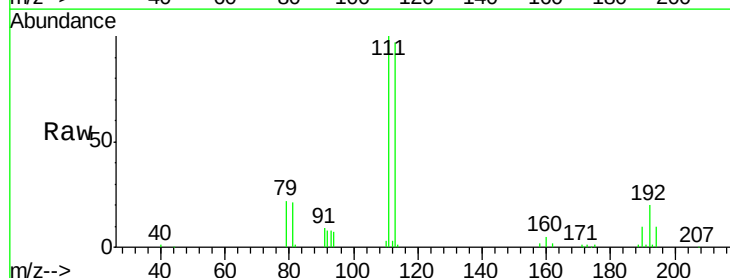
Tgt Ion:113 Resp: 145204

Ion Ratio Lower Upper

113 100

111 103.6 80.0 120.0

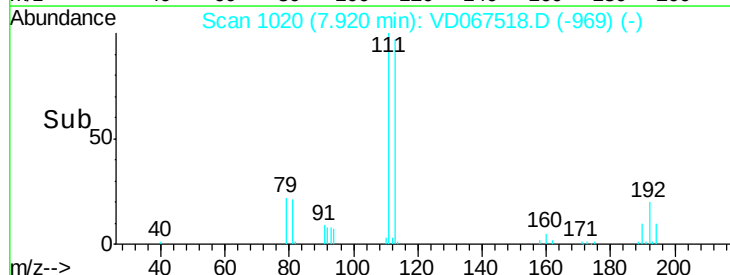
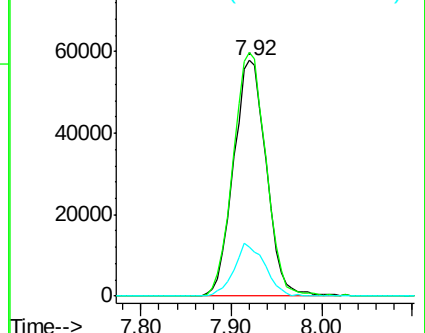
192 21.1 16.3 24.5

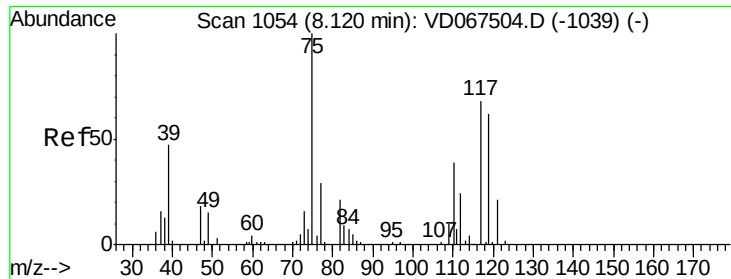


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

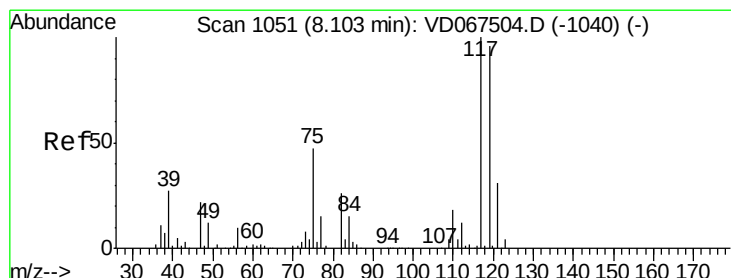
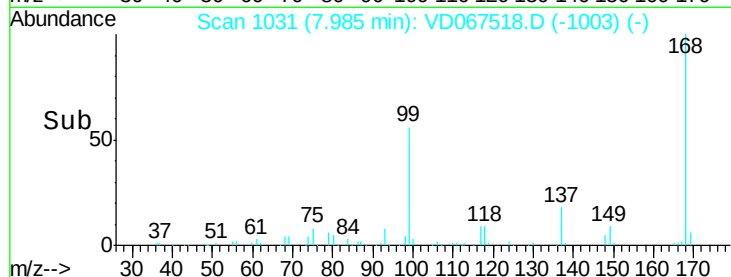
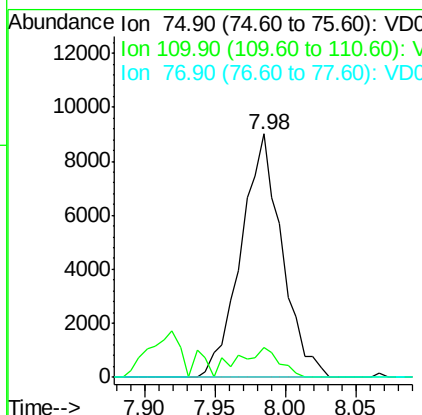
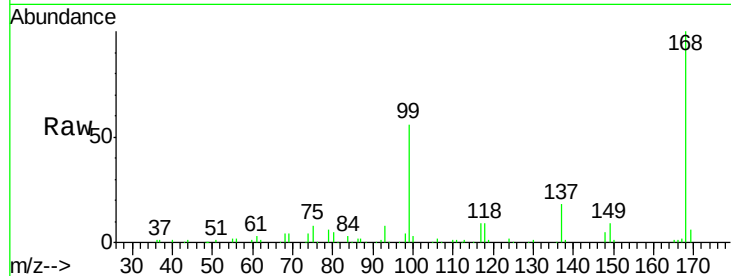




#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067518.D
 Acq: 04 Nov 2020 14:15

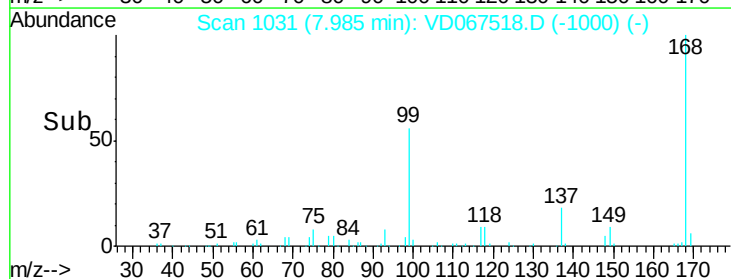
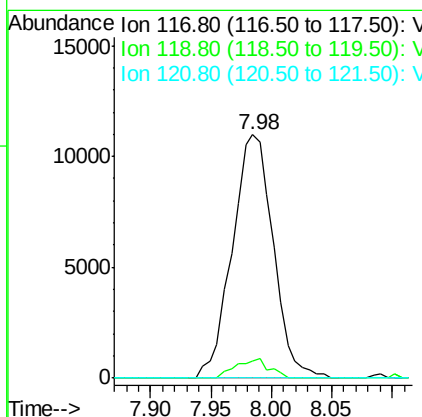
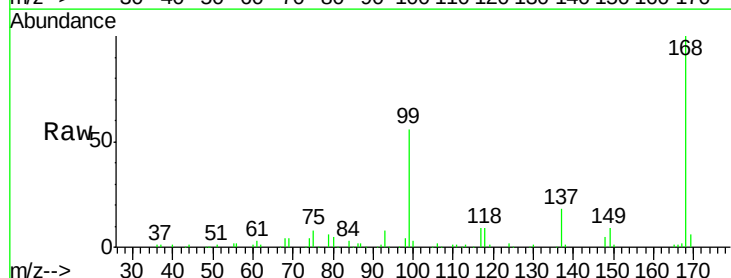
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-3-4-COMP

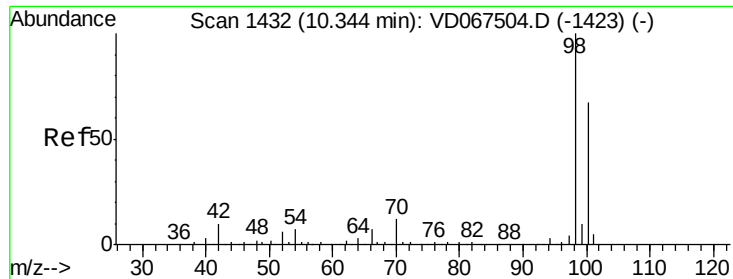
Tot Ion: 75 Resp: 18275
 Ion Ratio Lower Upper
 75 100
 110 12.4 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.262 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067518.D
 Acq: 04 Nov 2020 14:15

Tgt Ion: 117 Resp: 25929
 Ion Ratio Lower Upper
 117 100
 119 6.9 76.9 115.3#
 121 0.0 24.5 36.7#

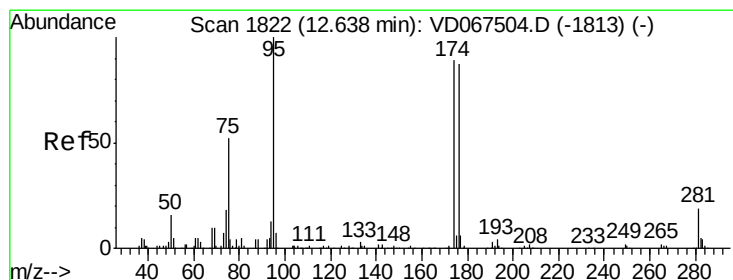
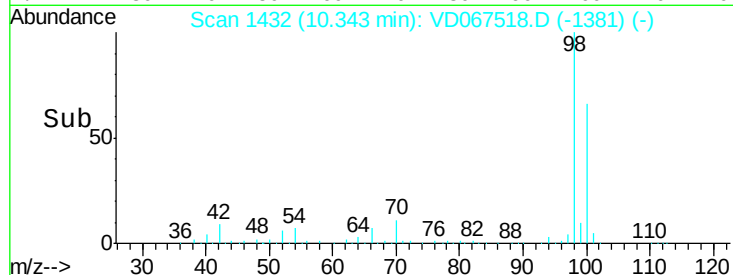
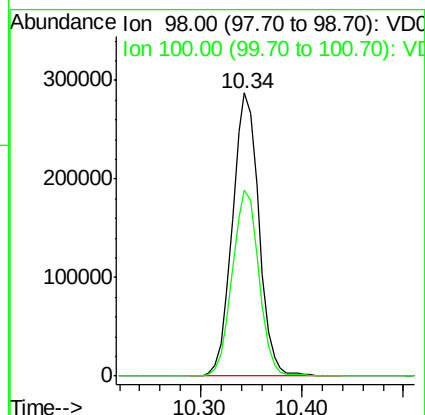
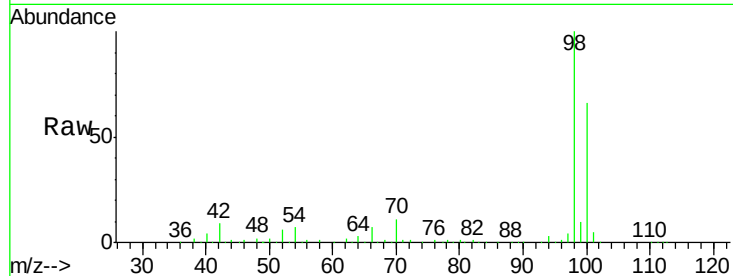




#50
Toluene-d8
Concen: 55.597 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067518.D
Acq: 04 Nov 2020 14:15

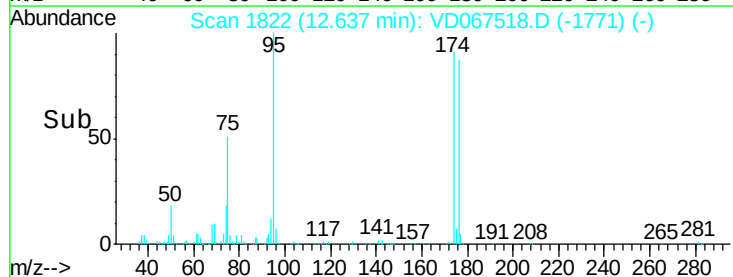
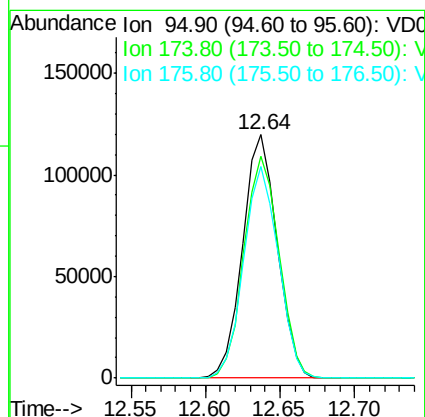
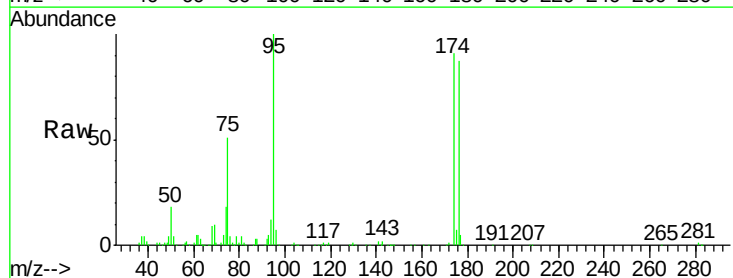
Instrument :
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TP-1-3-4-COMP

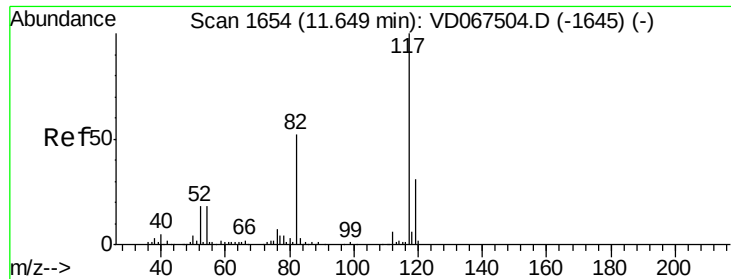
Tot Ion: 98 Resp: 521555
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 59.437 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067518.D
Acq: 04 Nov 2020 14:15

Tgt Ion: 95 Resp: 192503
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.8
176 87.2 0.0 172.0

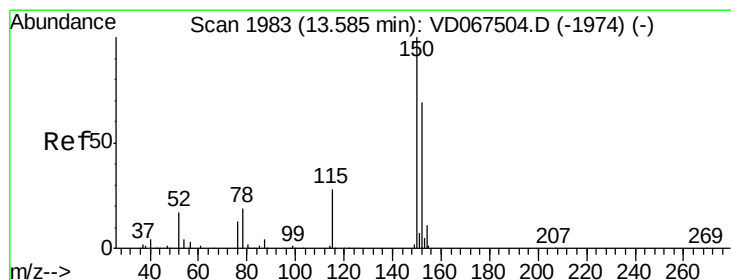
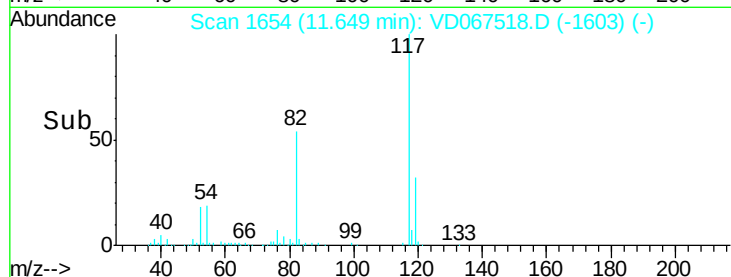
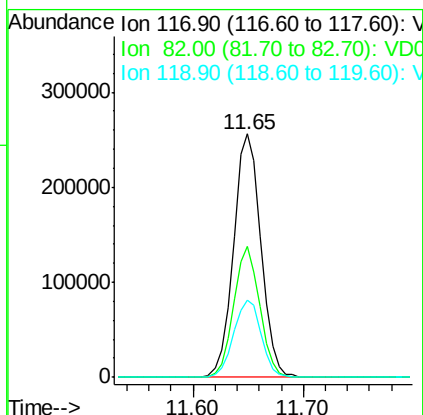
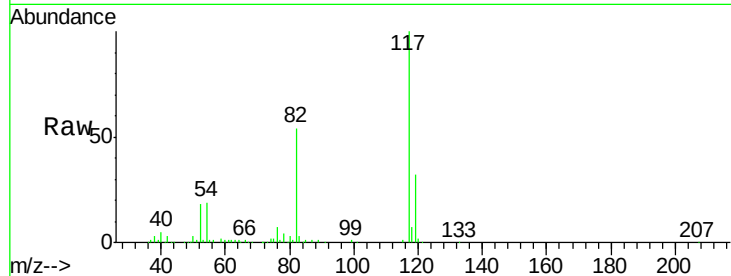




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067518.D
Acq: 04 Nov 2020 14:15

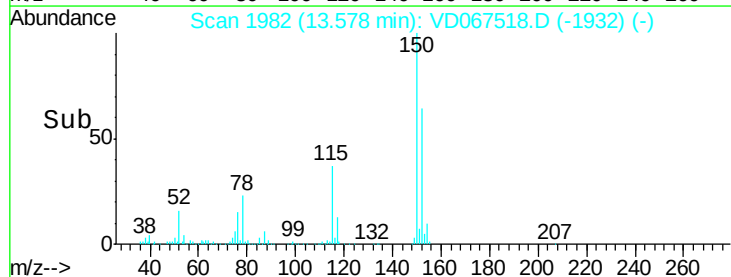
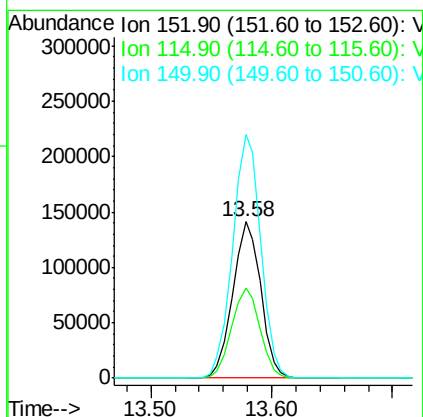
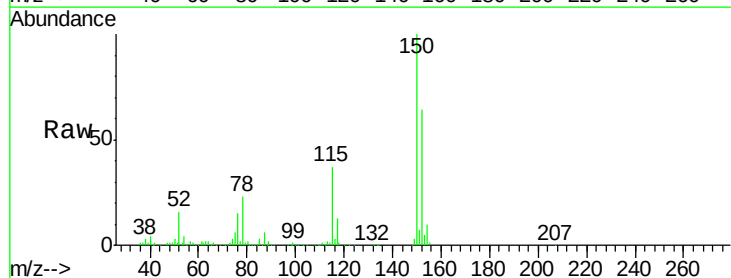
Instrument :
MSVOA_D
ClientSampleId :
TP-1-3-4-COMP

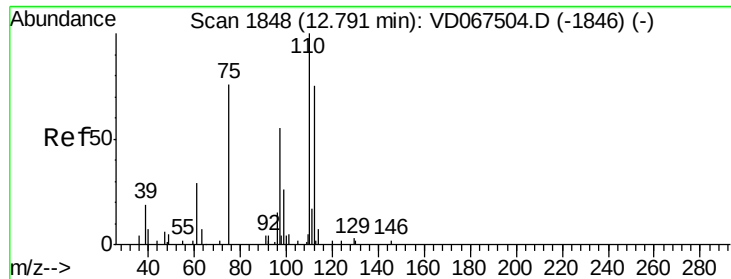
Tot Ion:117 Resp: 445013
Ion Ratio Lower Upper
117 100
82 53.7 41.6 62.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067518.D
Acq: 04 Nov 2020 14:15

Tgt Ion:152 Resp: 228421
Ion Ratio Lower Upper
152 100
115 58.3 29.3 88.0
150 156.4 0.0 338.2

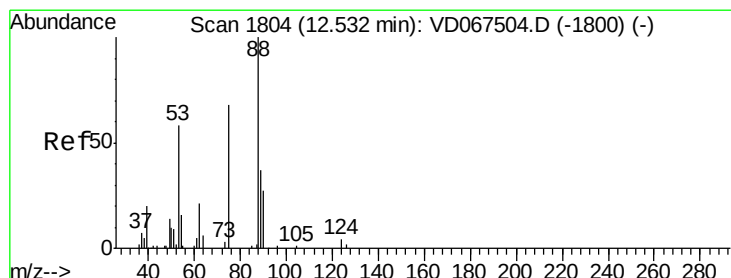
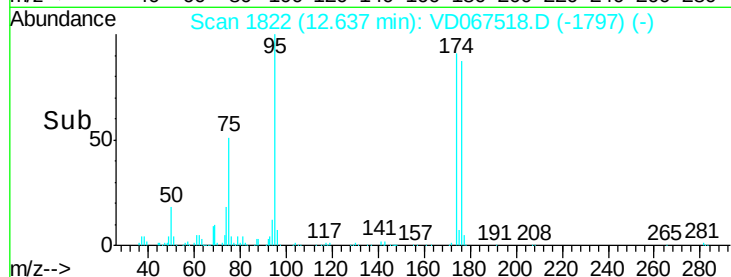
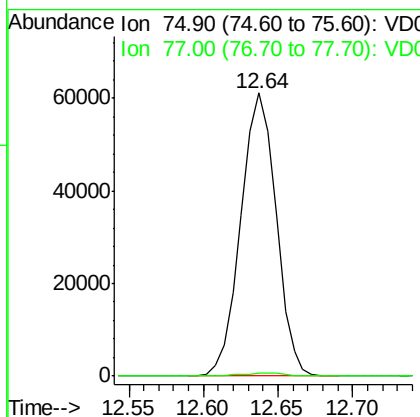
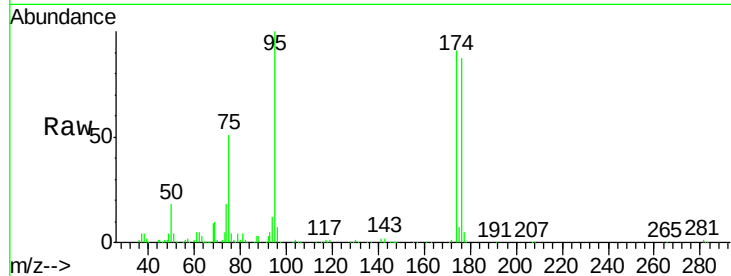




#76
 1,2,3-Trichloropropane
 Concen: 72.865 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067518.D
 Acq: 04 Nov 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-3-4-COMP

Tot Ion: 75 Resp: 100406
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.936 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067518.D
 Acq: 04 Nov 2020 14:15

Tgt Ion: 75 Resp: 100406
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.9 113.9#
 89 0.1 44.6 67.0#

