

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067516.D
 Acq On : 04 Nov 2020 13:21
 Operator : VA/SY
 Sample : L4591-01
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320

Quant Time: Nov 05 00:36:54 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	287476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	476426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209800	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	154077	61.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.60%	
35) Dibromofluoromethane	7.92	113	153095	52.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.96%	
50) Toluene-d8	10.34	98	564536	55.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	203641	58.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.16%	

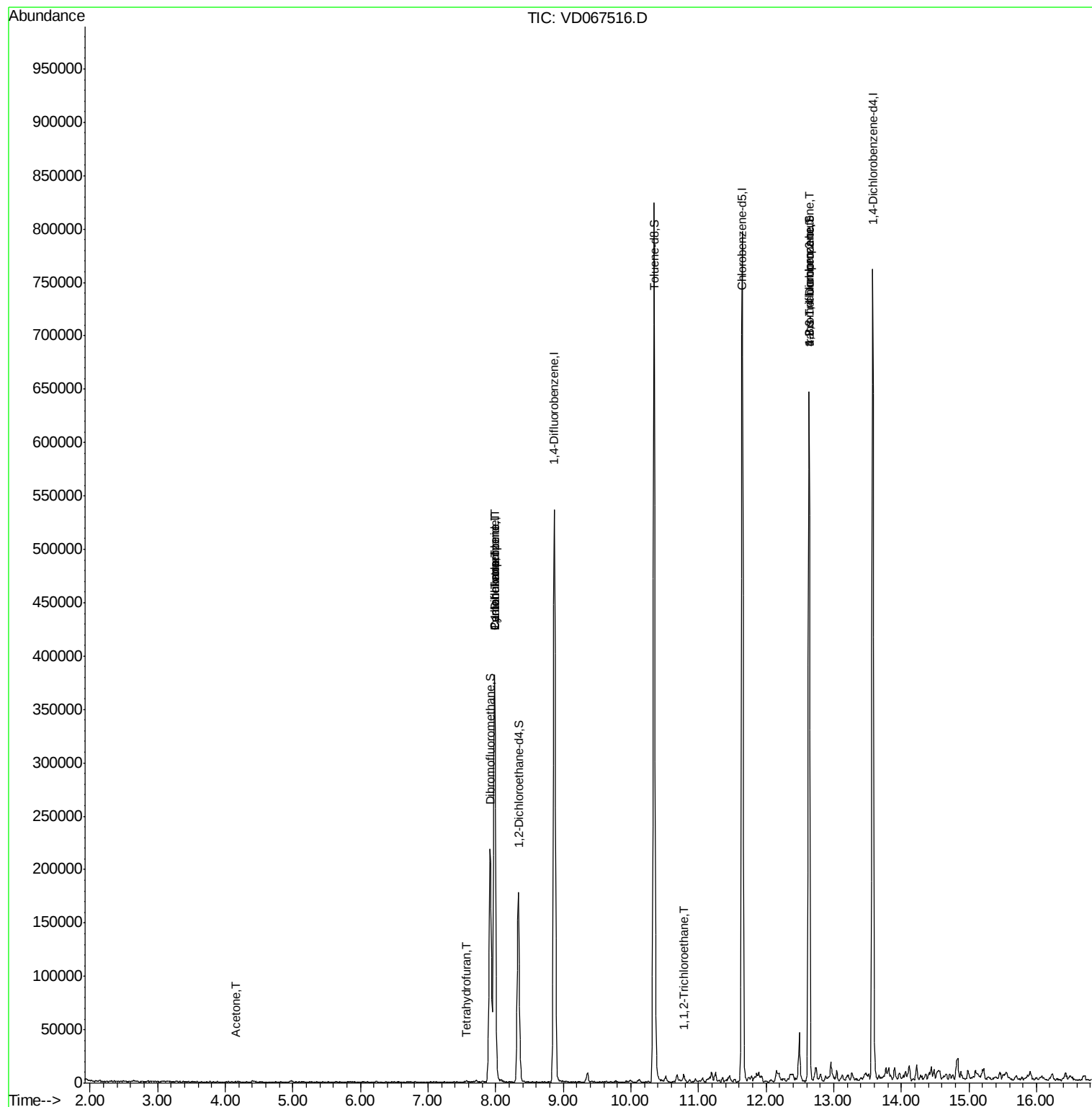
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	459	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	89	Below Cal	#	79
16) Acetone	4.17	43	712	1.893	ug/l #	43
29) Tetrahydrofuran	7.56	42	905	3.759	ug/l #	67
31) Cyclohexane	7.98	56	6001	1.646	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	19558	4.764	ug/l #	49
38) Carbon Tetrachloride	7.98	117	29470	5.524	ug/l #	17
55) 1,1,2-Trichloroethane	10.78	97	3262	1.613	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	105261	83.169	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	105261	168.854	ug/l #	10

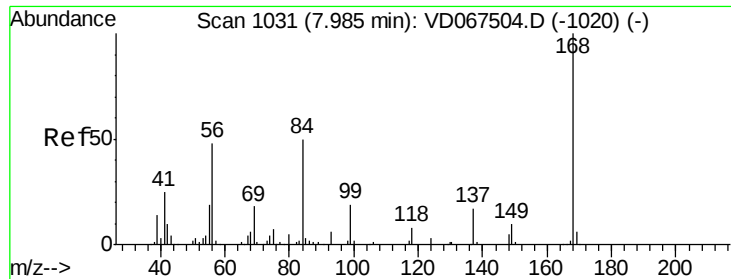
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067516.D

Acq: 04 Nov 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

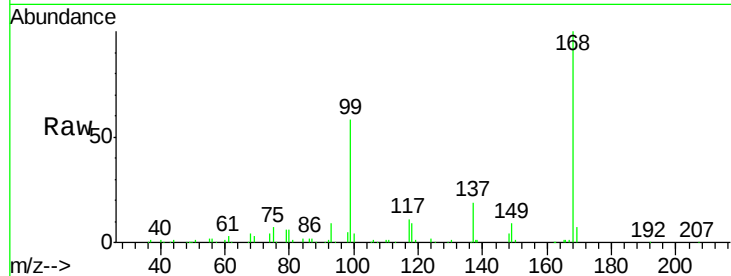
OK-01-110320

Tot Ion:168 Resp: 287476

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

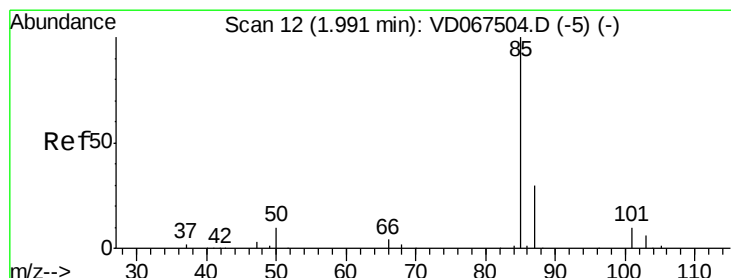
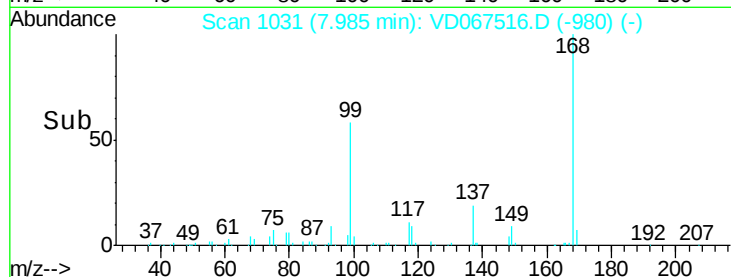
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD067516.D

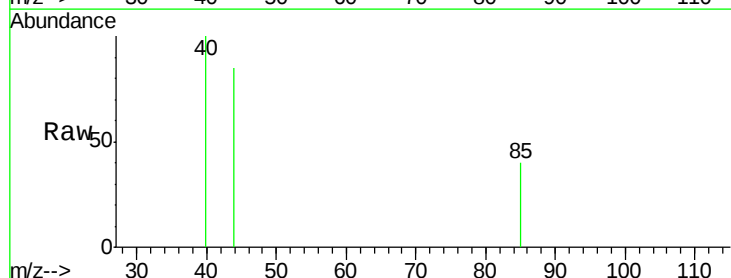
Acq: 04 Nov 2020 13:21

Tgt Ion: 85 Resp: 459

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

1.98

500

400

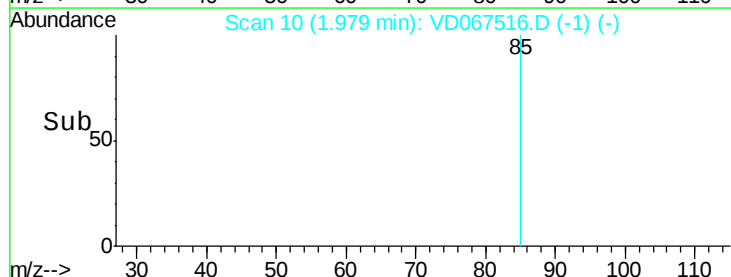
300

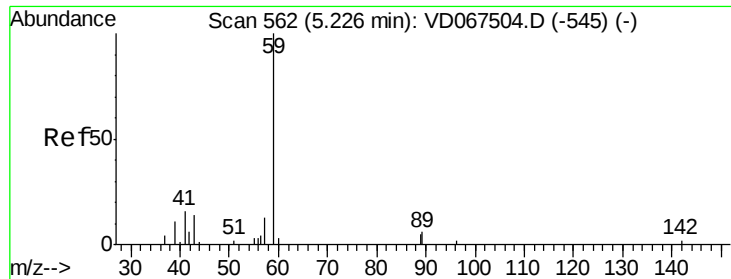
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100

0

Time-->

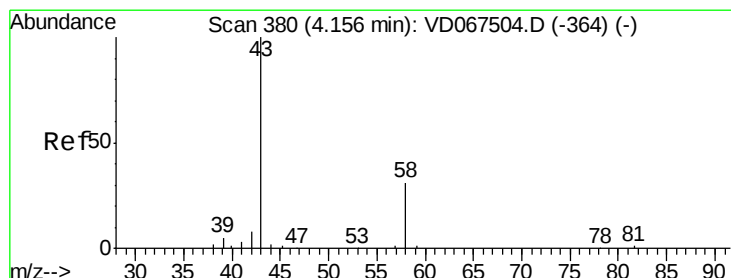
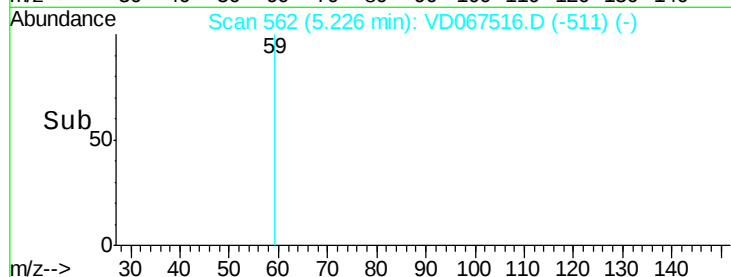
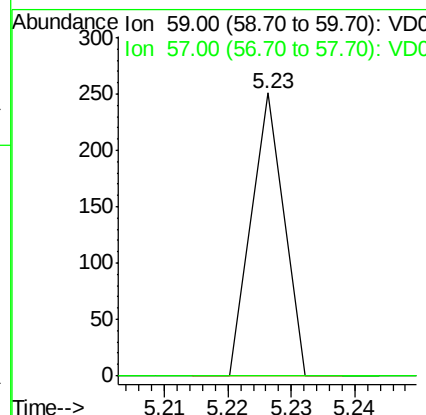
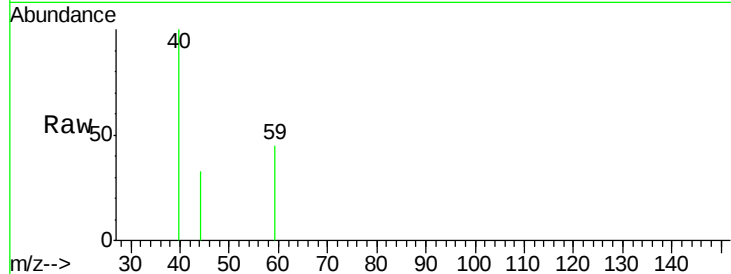




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

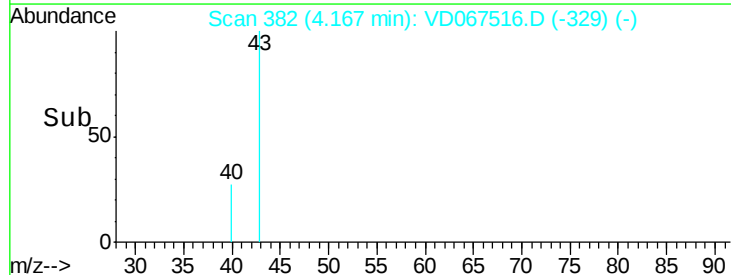
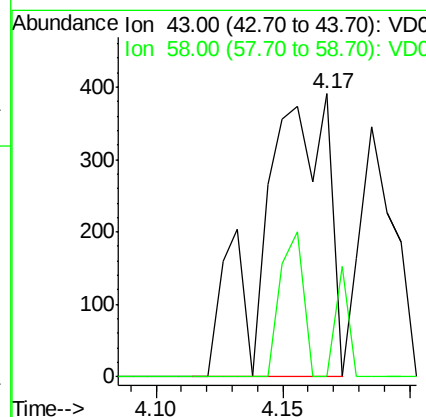
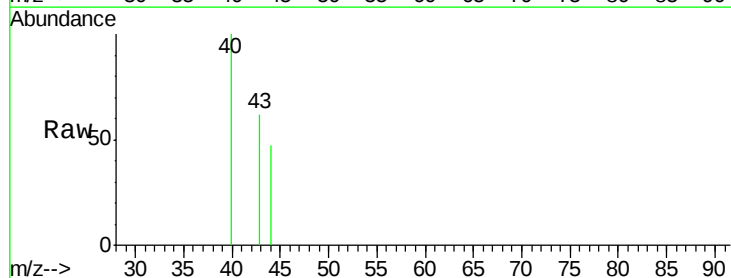
Instrument :
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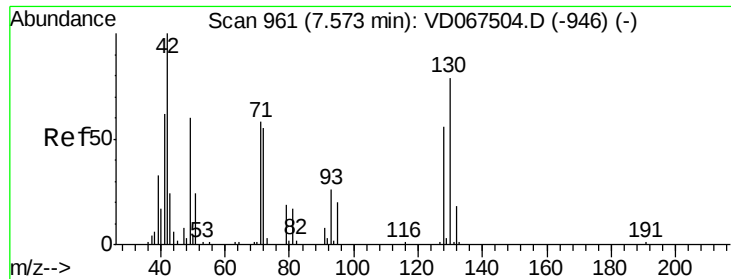
Tot Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#16
Acetone
Concen: 1.893 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

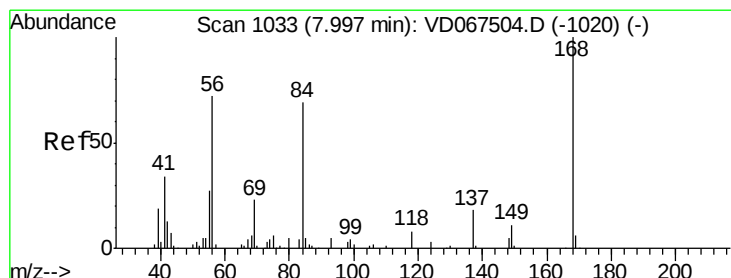
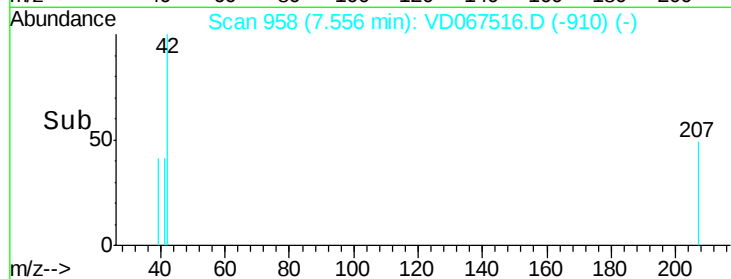
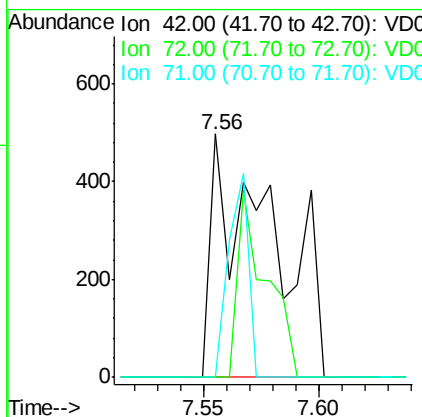
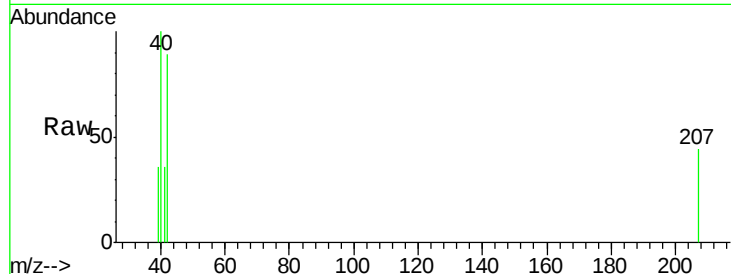




#29
Tetrahydrofuran
Concen: 3.759 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.02 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

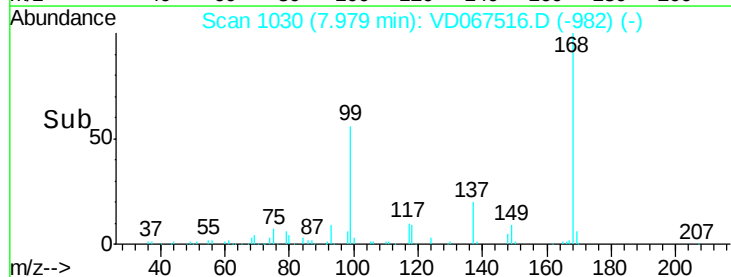
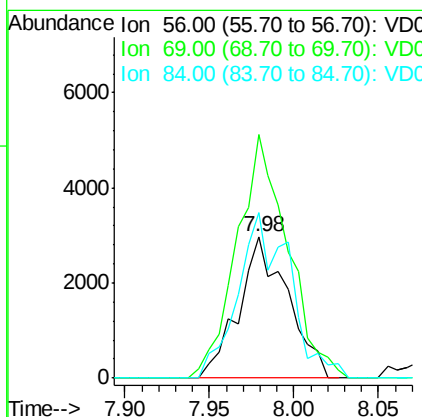
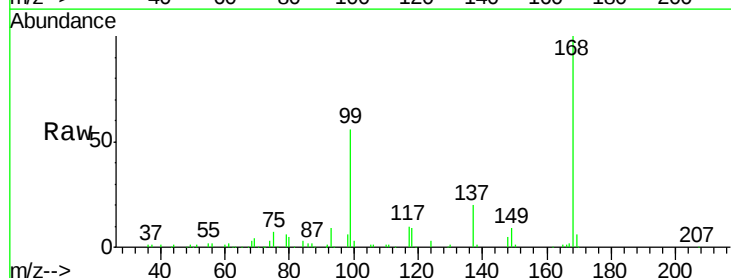
Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320

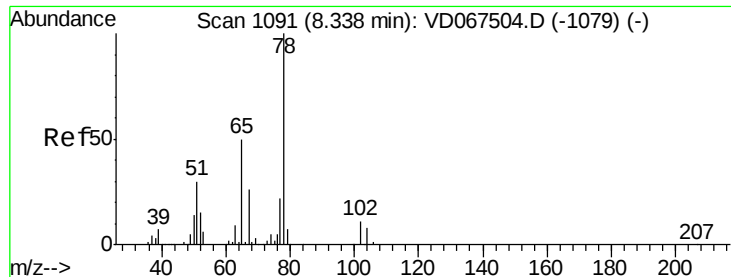
Tot Ion: 42 Resp: 905
Ion Ratio Lower Upper
42 100
72 36.7 46.3 69.5#
71 27.3 44.0 66.0#



#31
Cyclohexane
Concen: 1.646 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Tgt Ion: 56 Resp: 6001
Ion Ratio Lower Upper
56 100
69 172.2 25.9 38.9#
84 117.2 76.2 114.4#

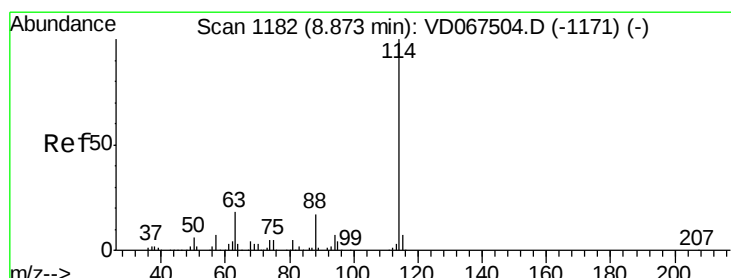
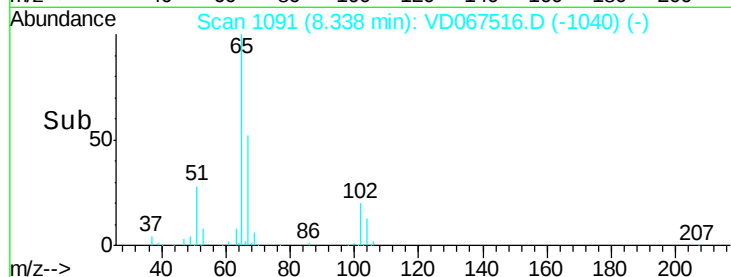
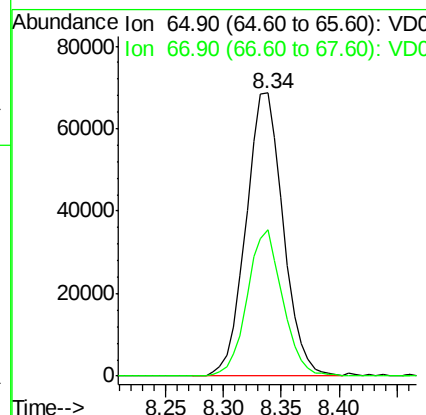
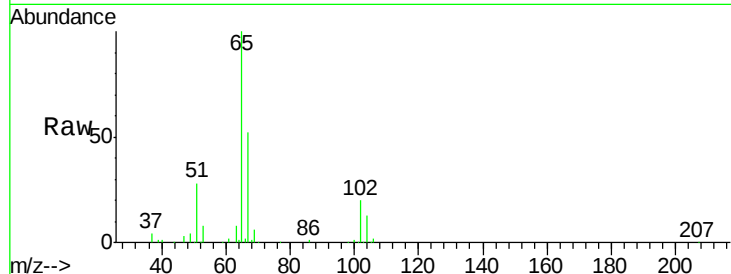




#33
 1,2-Dichloroethane-d4
 Concen: 61.296 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

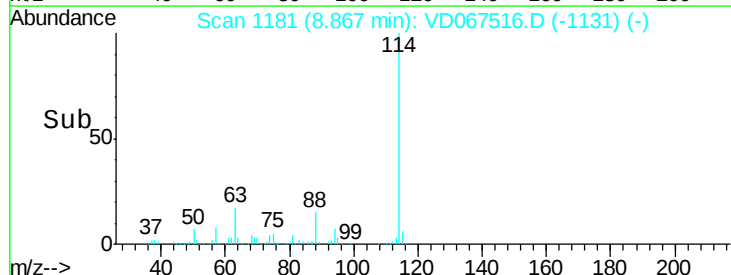
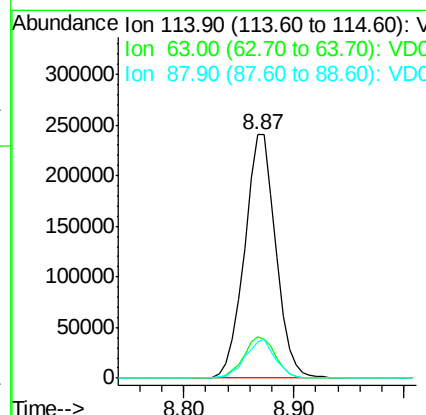
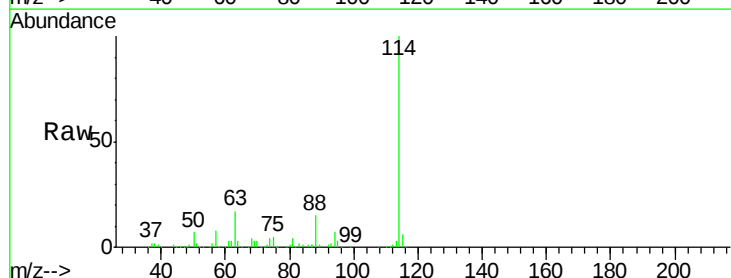
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 OK-01-110320

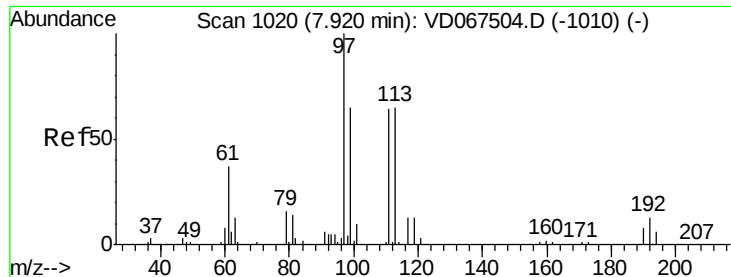
Tot Ion: 65 Resp: 154077
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

Tgt Ion: 114 Resp: 479652
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.8 0.0 33.0

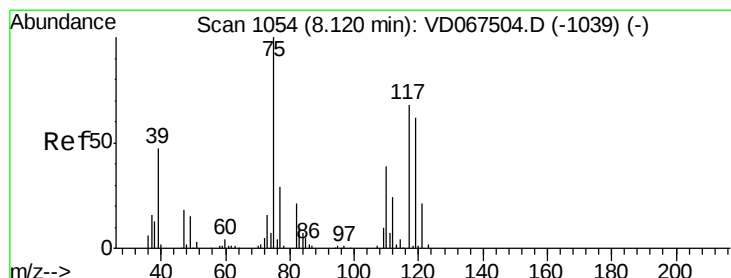
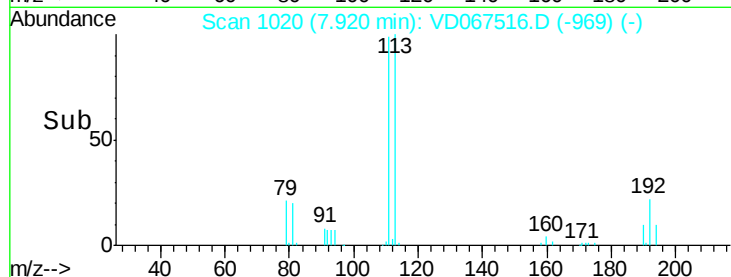
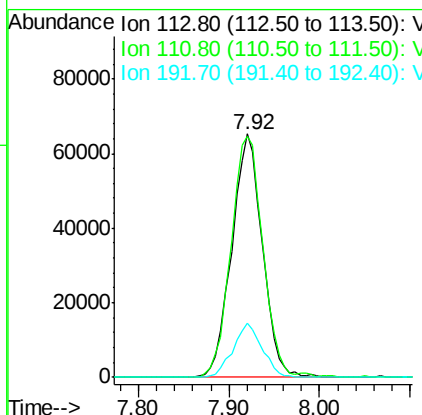
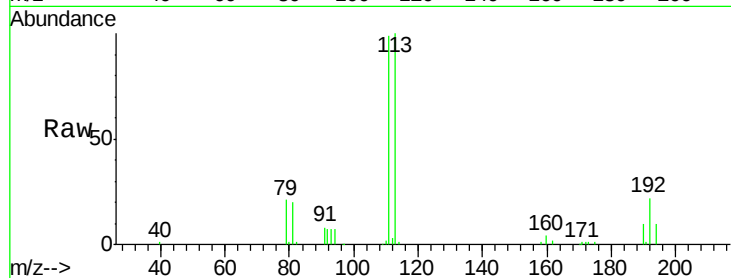




#35
 Dibromofluoromethane
 Concen: 52.976 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

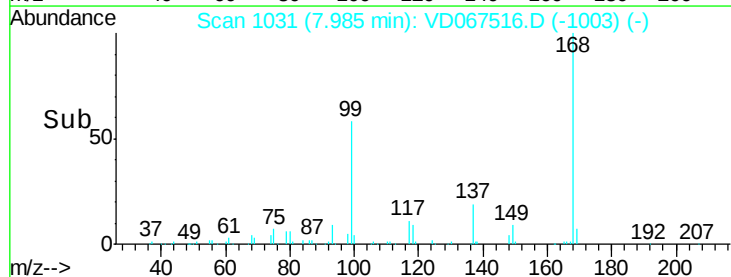
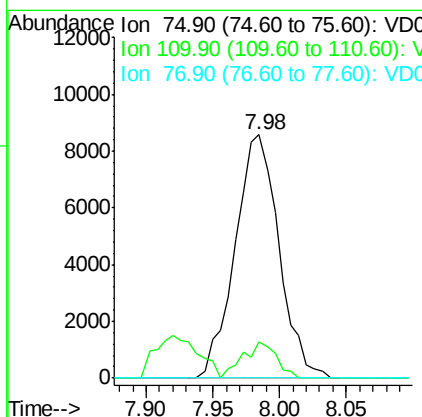
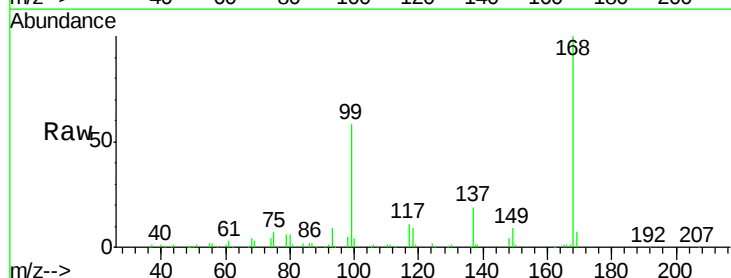
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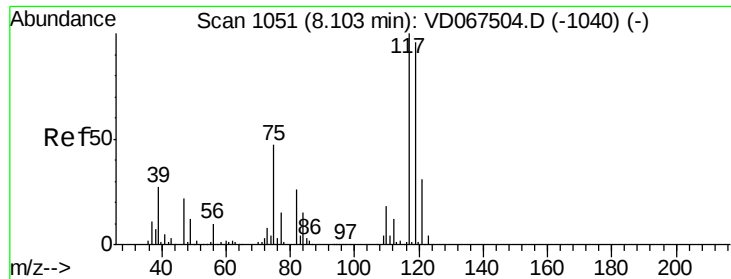
Tot Ion:113 Resp: 153095
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.0 120.0
 192 21.3 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.764 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

Tgt Ion: 75 Resp: 19558
 Ion Ratio Lower Upper
 75 100
 110 11.2 19.9 59.7#
 77 0.0 24.8 37.2#

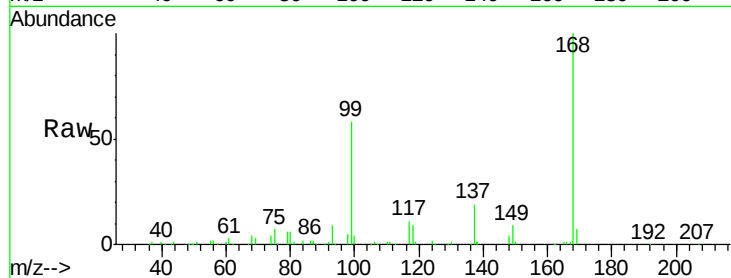




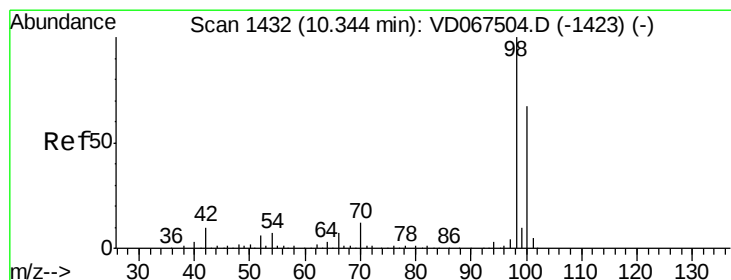
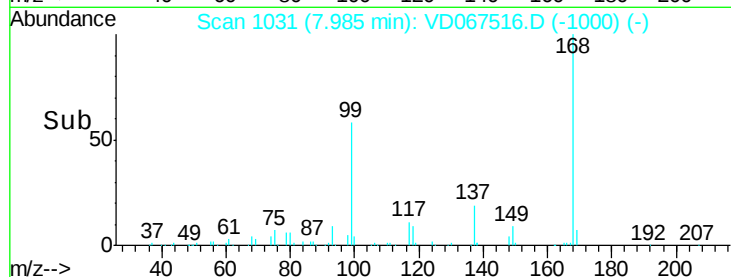
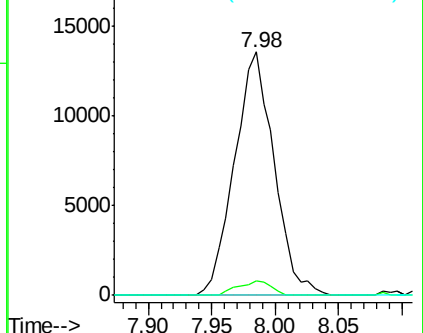
#38
Carbon Tetrachloride
Concen: 5.524 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320

Tot Ion:117 Resp: 29470
Ion Ratio Lower Upper
117 100
119 6.1 76.9 115.3#
121 0.0 24.5 36.7#

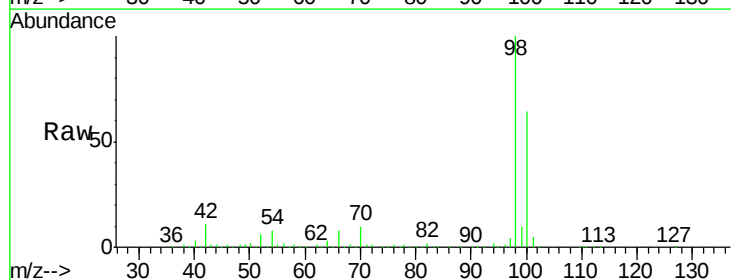


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

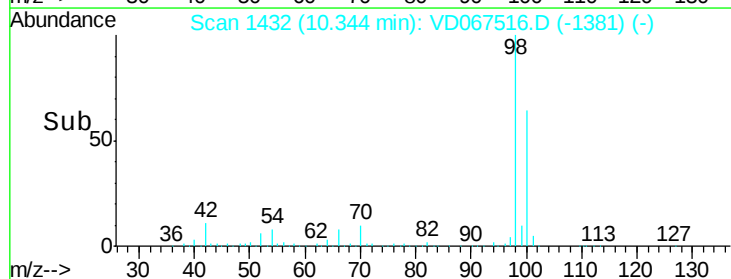
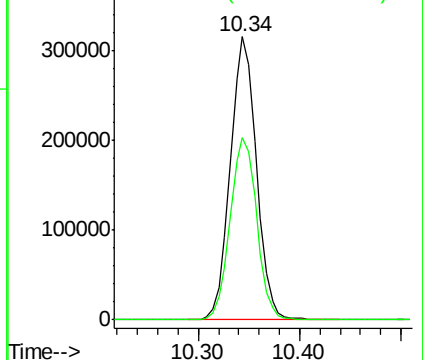


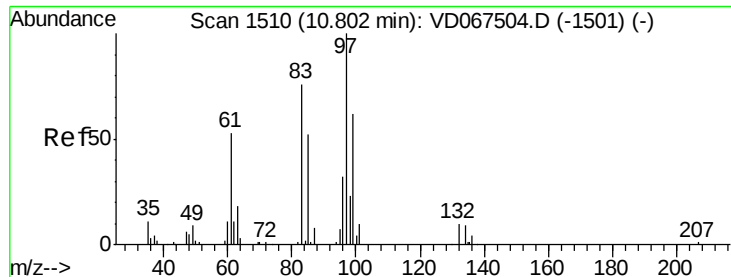
#50
Toluene-d8
Concen: 55.588 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Tgt Ion: 98 Resp: 564536
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

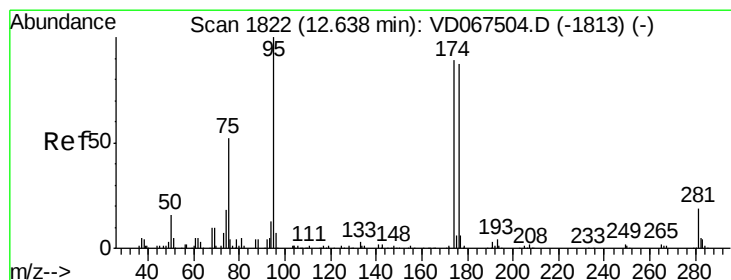
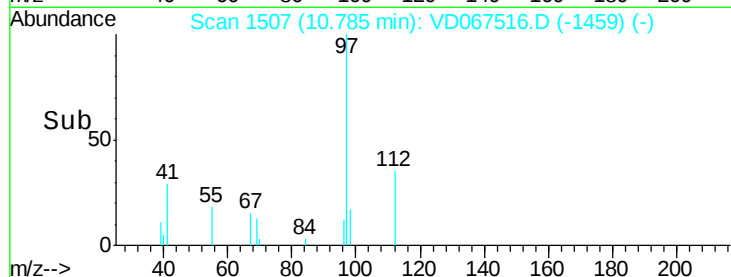
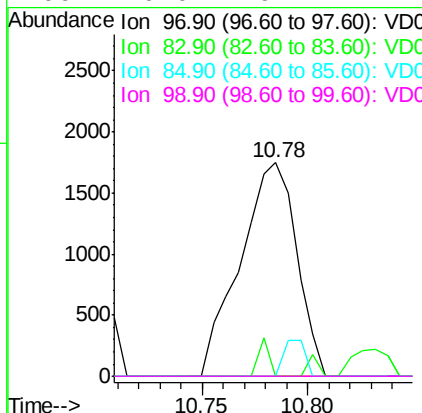
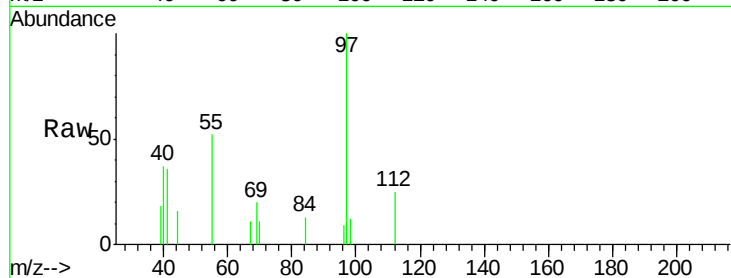




#55
 1,1,2-Trichloroethane
 Concen: 1.613 ug/l
 RT: 10.78 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

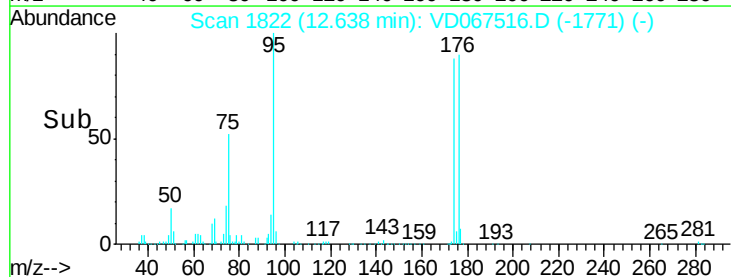
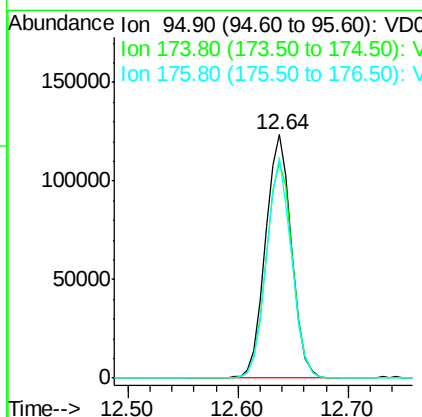
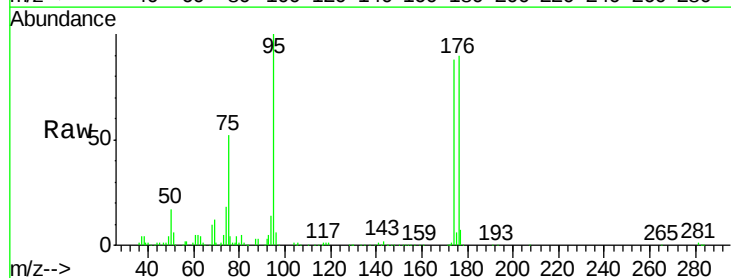
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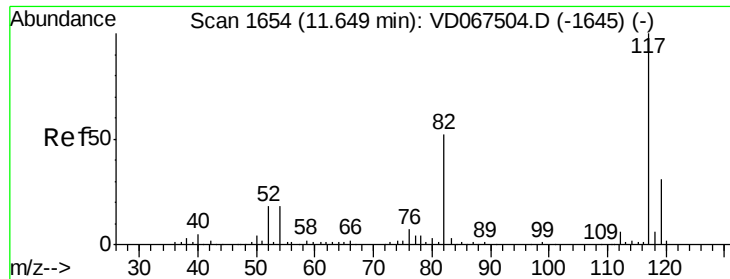
Tot Ion:	97	Resp:	3262
Ion	Ratio	Lower	Upper
97	100		
83	0.0	61.0	91.6#
85	0.0	41.5	62.3#
99	0.0	49.4	74.2#



#62
 4-Bromofluorobenzene
 Concen: 58.080 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

Tgt Ion:	95	Resp:	203641
Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	177.8
176	87.0	0.0	172.0

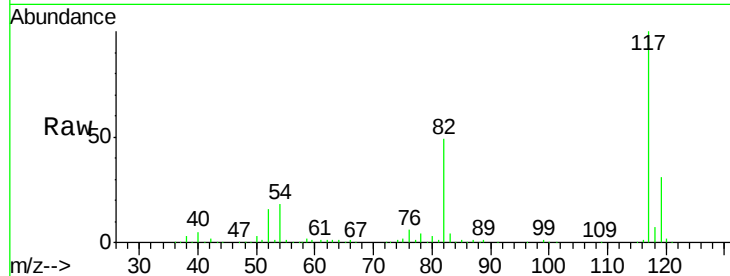




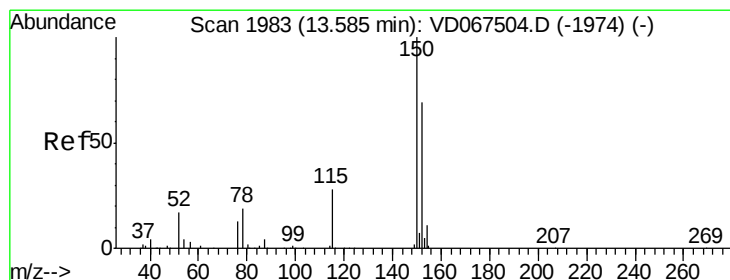
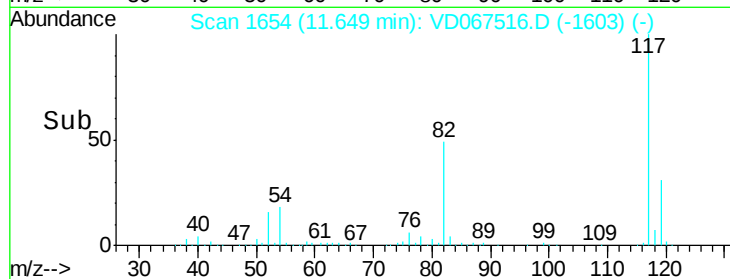
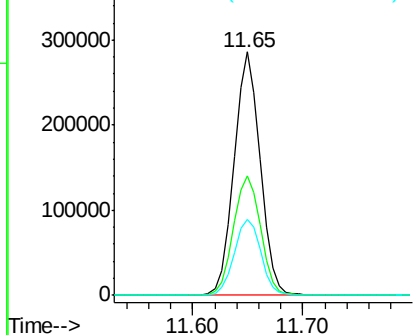
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320

Tot Ion:117 Resp: 476426
Ion Ratio Lower Upper
117 100
82 49.1 41.6 62.4
119 31.0 25.1 37.7

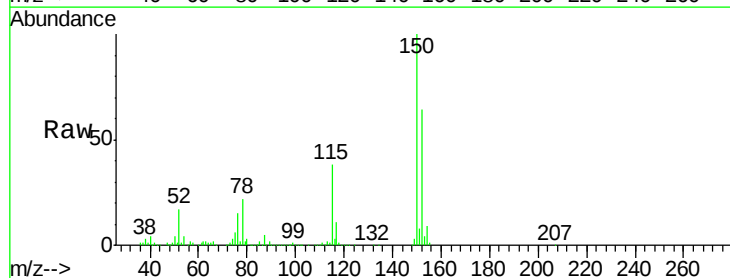


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

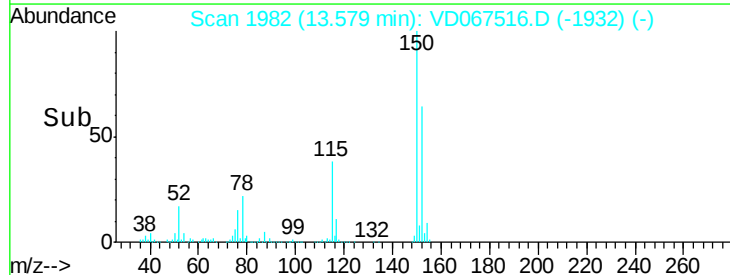
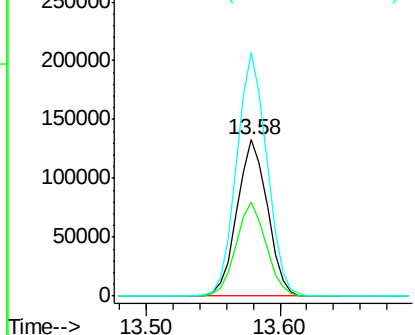


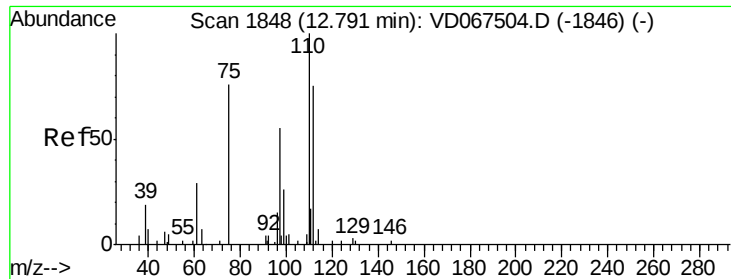
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Tgt Ion:152 Resp: 209800
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 155.2 0.0 338.2



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: 83.169 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067516.D

Acq: 04 Nov 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

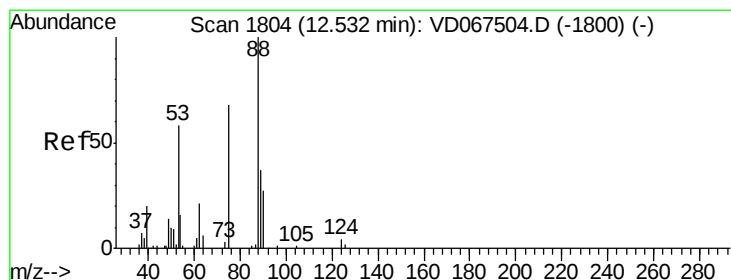
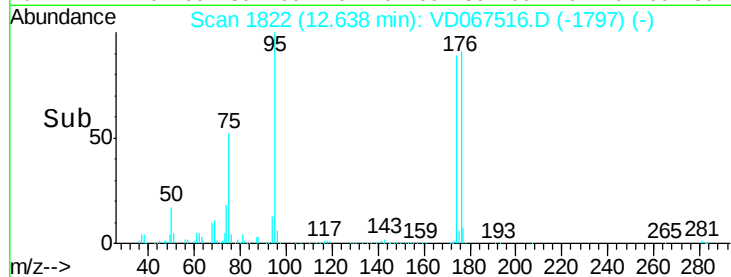
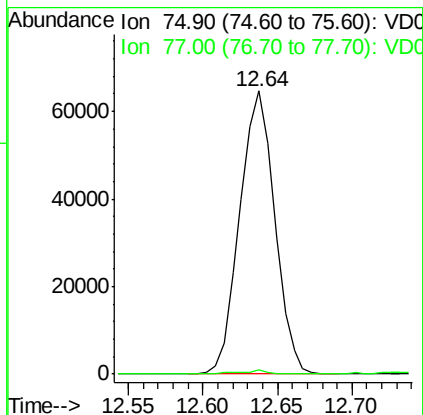
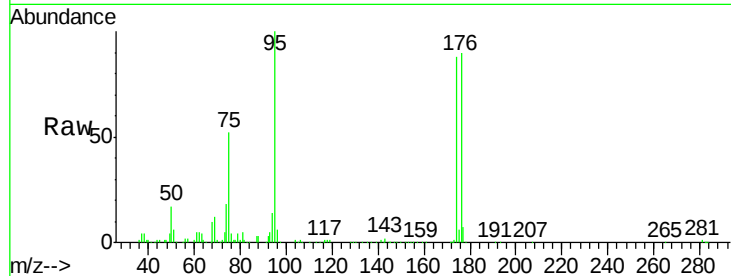
OK-01-110320

Tot Ion: 75 Resp: 105261

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 168.854 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067516.D

Acq: 04 Nov 2020 13:21

Tgt Ion: 75 Resp: 105261

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.0 44.6 67.0#

