

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067648.D
 Acq On : 16 Nov 2020 18:35
 Operator : VA/SY
 Sample : L4746-01
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-111320

Quant Time: Nov 17 01:09:33 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	243431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	407490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	426677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206420	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	124348	58.42	ug/l	0.00
Spiked Amount						
			Recovery	=	116.84%	
35) Dibromofluoromethane	7.92	113	129039	52.56	ug/l	0.00
Spiked Amount						
			Recovery	=	105.12%	
50) Toluene-d8	10.34	98	484295	56.13	ug/l	0.00
Spiked Amount						
			Recovery	=	112.26%	
62) 4-Bromofluorobenzene	12.64	95	184412	61.91	ug/l	0.00
Spiked Amount						
			Recovery	=	123.82%	

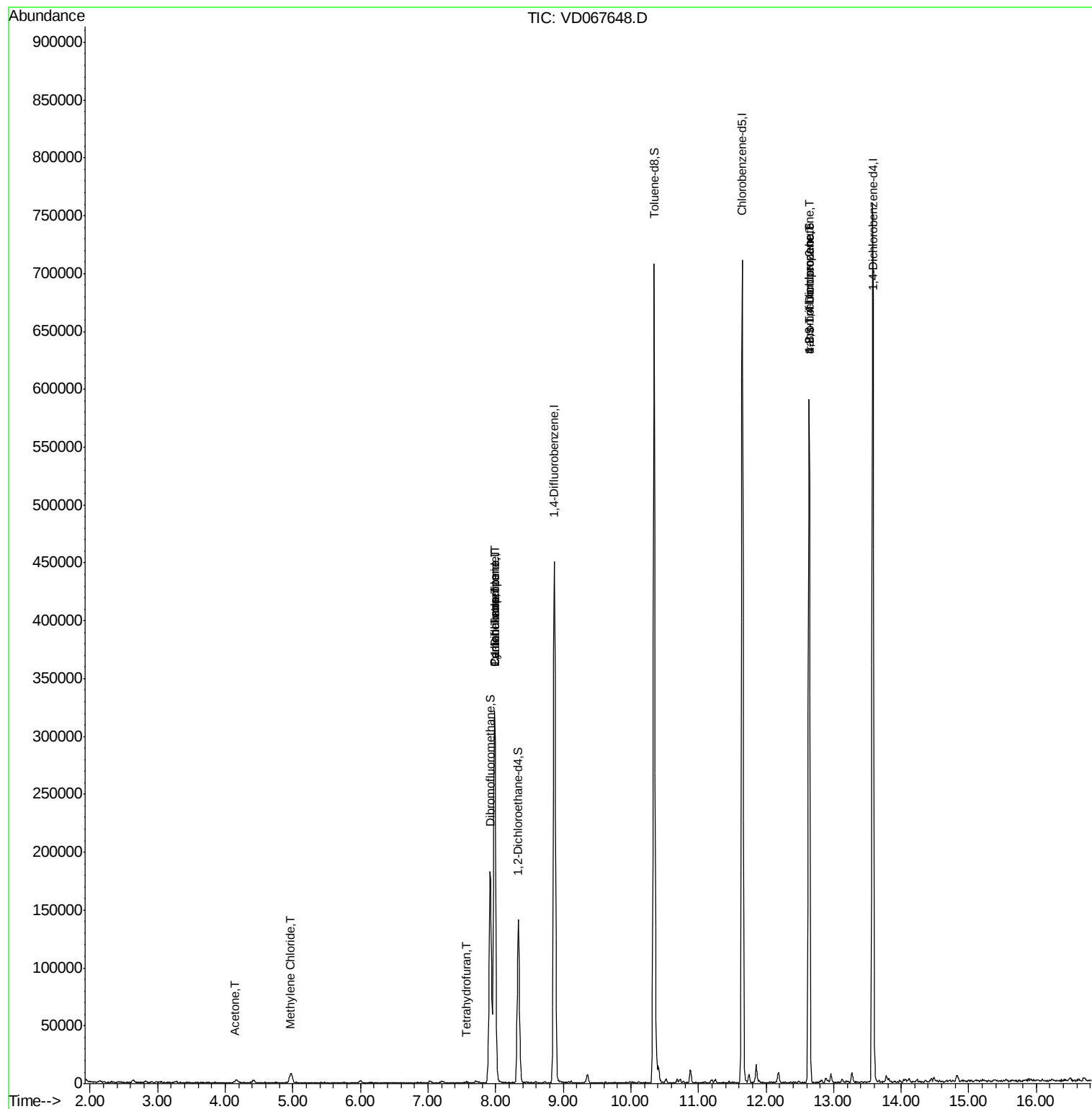
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	333	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	54	Below Cal	#	79
16) Acetone	4.16	43	4735	14.865	ug/l #	84
20) Methylene Chloride	4.96	84	4641	2.063	ug/l #	83
29) Tetrahydrofuran	7.57	42	254	1.246	ug/l #	56
31) Cyclohexane	7.98	56	6395	2.071	ug/l #	14
36) 1,1-Dichloropropene	7.98	75	17539	5.028	ug/l #	50
38) Carbon Tetrachloride	7.99	117	26132	5.766	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	94595	75.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	94595	154.229	ug/l #	10

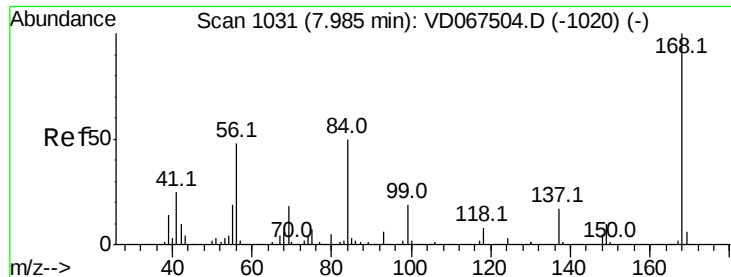
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111620\
Data File : VD067648.D
Acq On : 16 Nov 2020 18:35
Operator : VA/SY
Sample : L4746-01
Misc : 7.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Quant Time: Nov 17 01:09:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
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: VD067648.D

Acq: 16 Nov 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

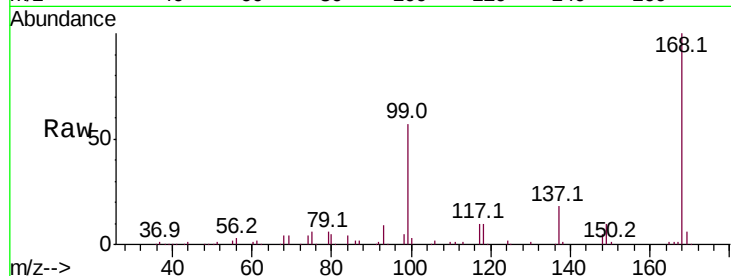
OK-02-111320

Tot Ion:168 Resp: 243431

Ion Ratio Lower Upper

168 100

99 57.1 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

120000

100000

80000

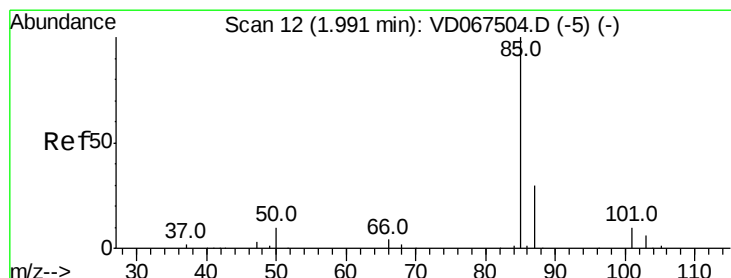
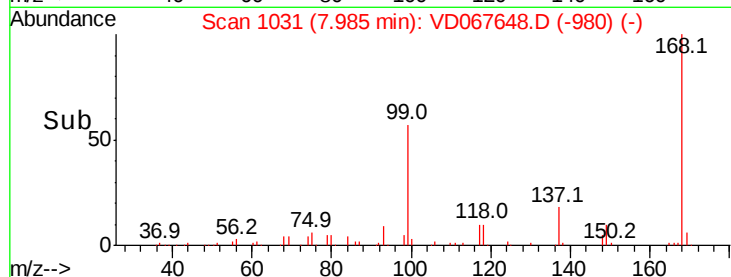
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067648.D

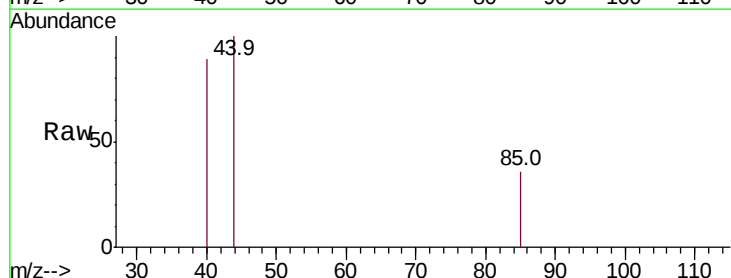
Acq: 16 Nov 2020 18:35

Tgt Ion: 85 Resp: 333

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

1.99

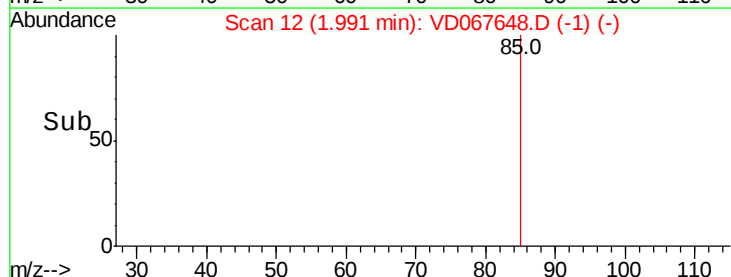
300

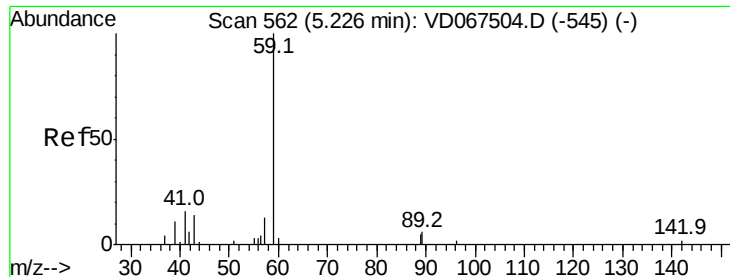
200

100

0

Time-->

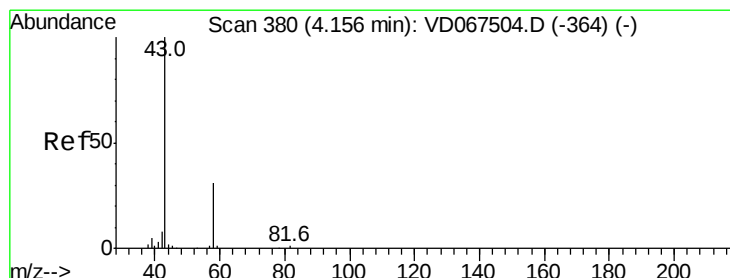
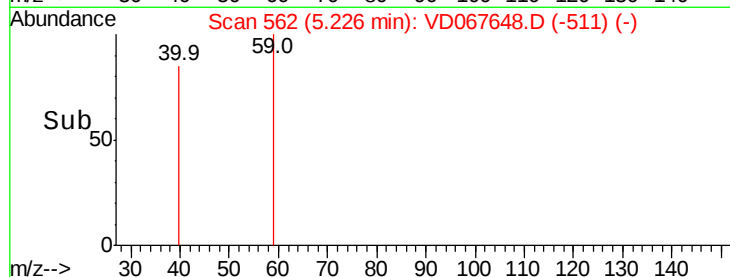
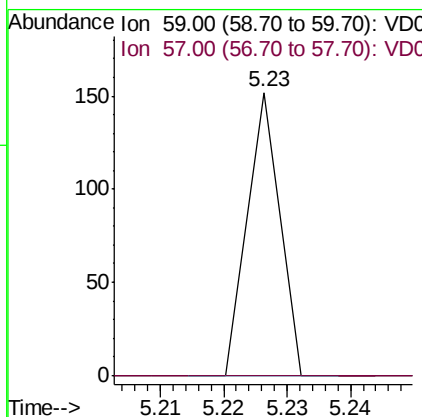
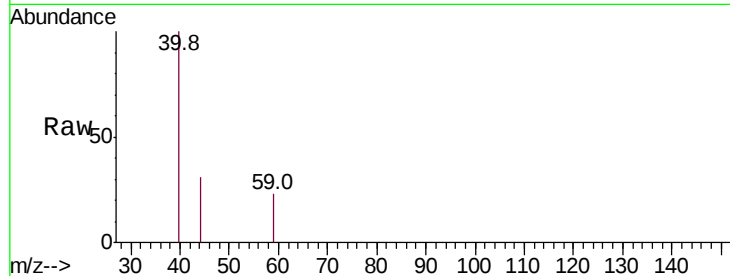




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD067648.D
Acq: 16 Nov 2020 18:35

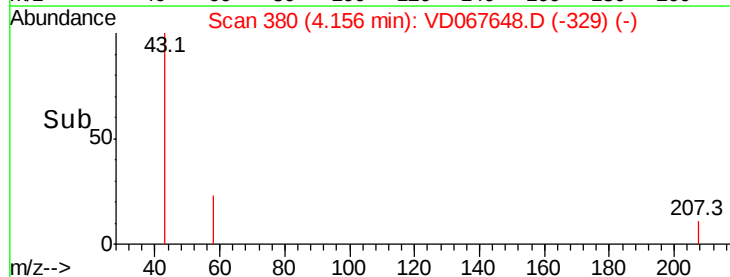
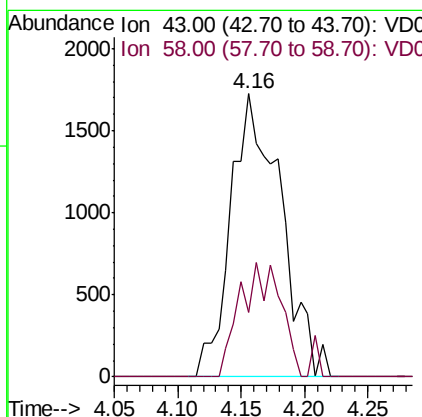
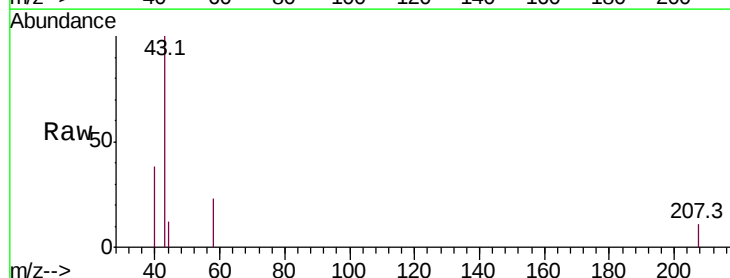
Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

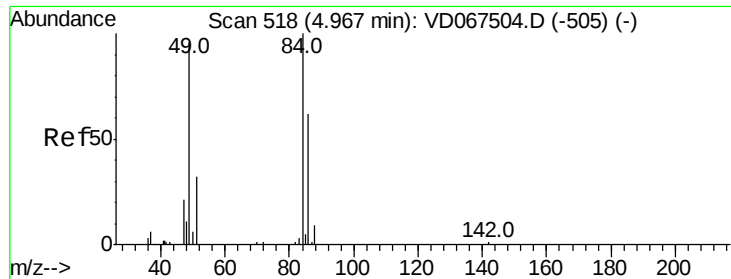
Tot Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#16
Acetone
Concen: 14.865 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067648.D
Acq: 16 Nov 2020 18:35

Tgt Ion: 43 Resp: 4735
Ion Ratio Lower Upper
43 100
58 22.8 25.2 37.8#

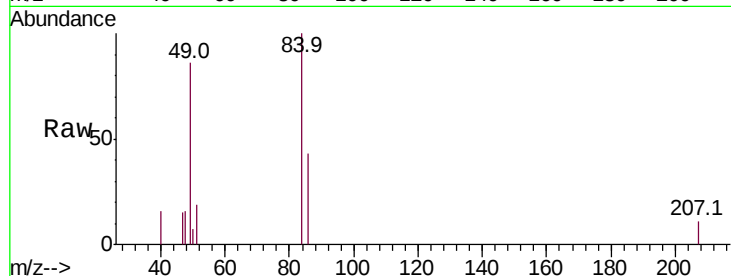




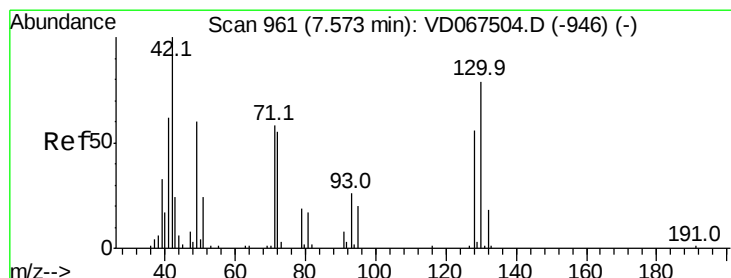
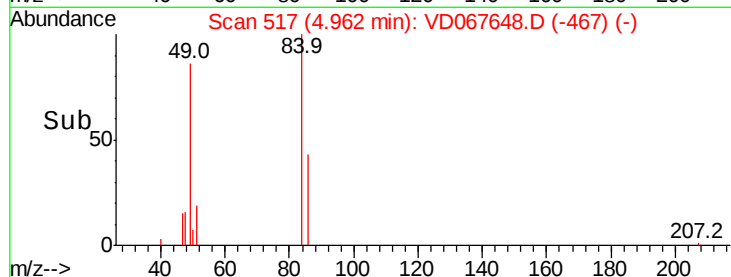
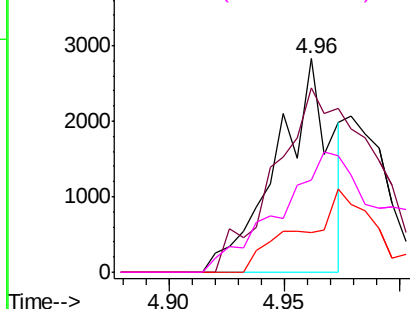
#20
Methvlene Chloride
Concen: 2.063 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067648.D
Acq: 16 Nov 2020 18:35

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Tot Ion: 84 Resp: 4641
Ion Ratio Lower Upper
84 100
49 86.2 77.0 115.4
51 18.8 25.4 38.2#
86 43.4 49.4 74.0#

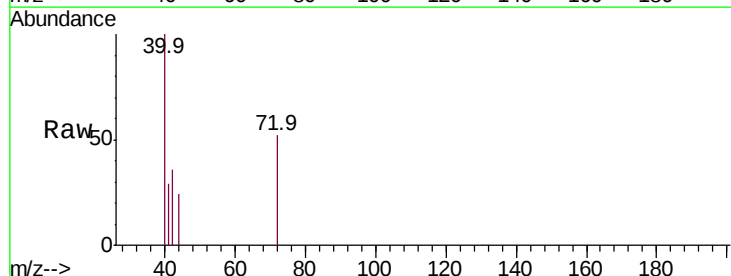


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

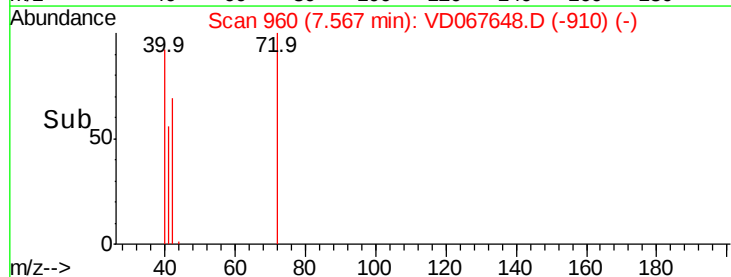
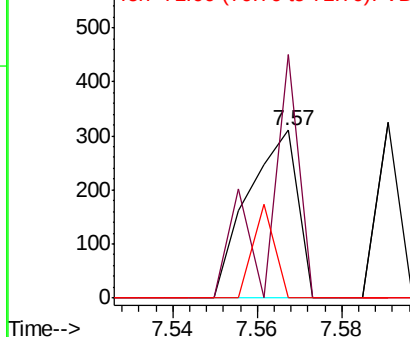


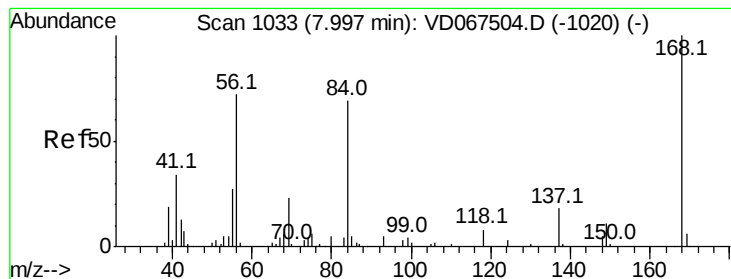
#29
Tetrahydrofuran
Concen: 1.246 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067648.D
Acq: 16 Nov 2020 18:35

Tgt Ion: 42 Resp: 254
Ion Ratio Lower Upper
42 100
72 90.9 46.3 69.5#
71 24.0 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: 2.071 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

OK-02-111320

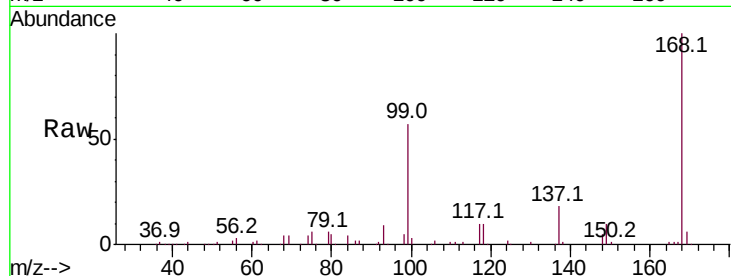
Tot Ion: 56 Resp: 6395

Ion Ratio Lower Upper

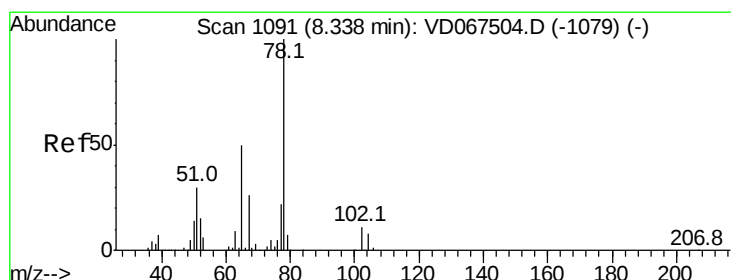
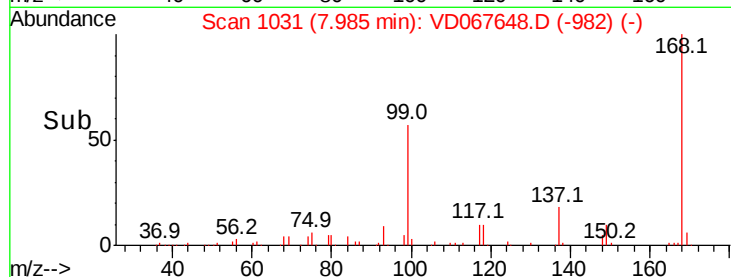
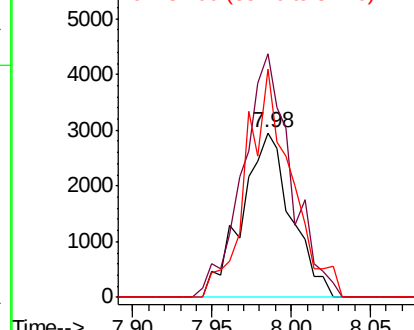
56 100

69 148.2 25.9 38.9#

84 139.3 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: 58.420 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067648.D

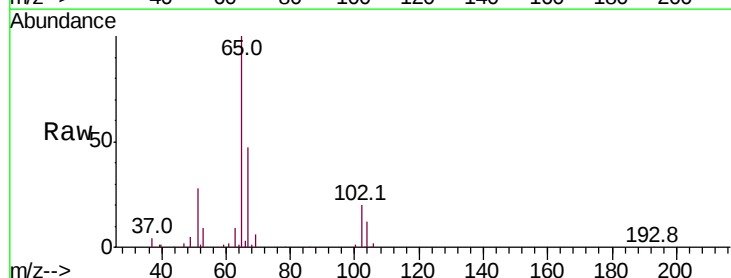
Acq: 16 Nov 2020 18:35

Tgt Ion: 65 Resp: 124348

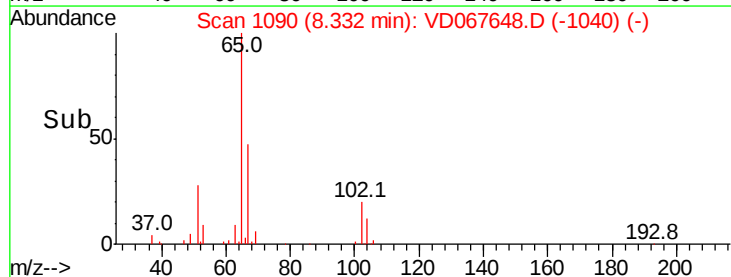
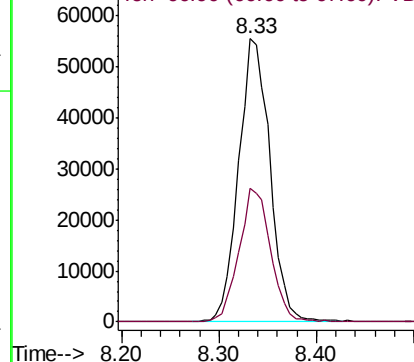
Ion Ratio Lower Upper

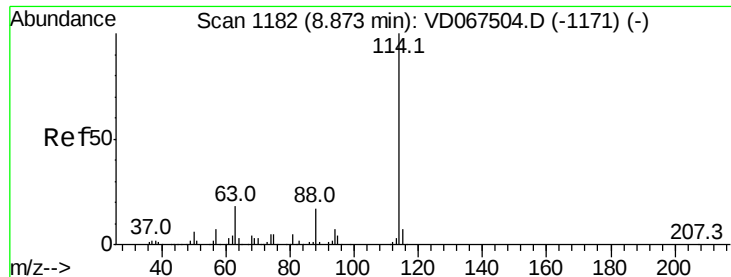
65 100

67 47.4 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# 1182

Delta R.T. -0.00 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

OK-02-111320

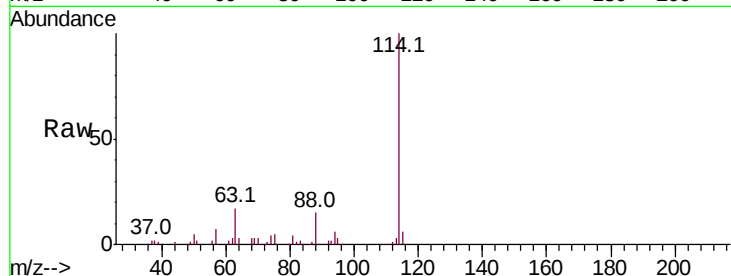
Tot Ion:114 Resp: 407490

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.9 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

250000

200000

150000

100000

50000

0

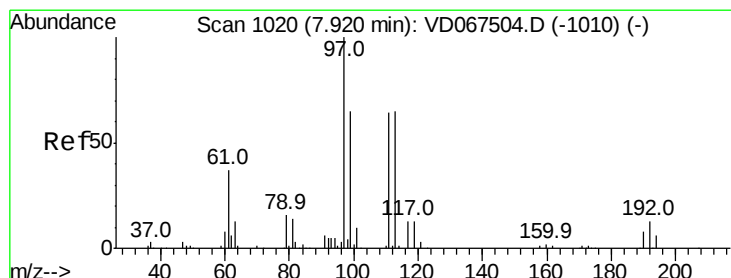
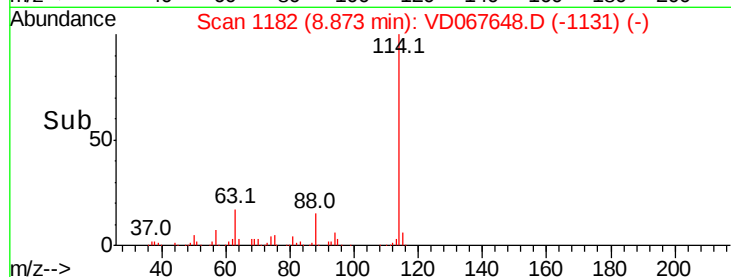
8.87

8.80

8.90

9.00

Time-->



#35

Dibromofluoromethane

Concen: 52.559 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

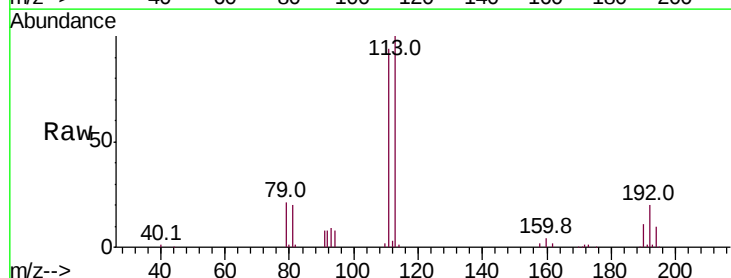
Tgt Ion:113 Resp: 129039

Ion Ratio Lower Upper

113 100

111 103.1 80.0 120.0

192 20.7 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

60000

40000

20000

0

7.92

7.80

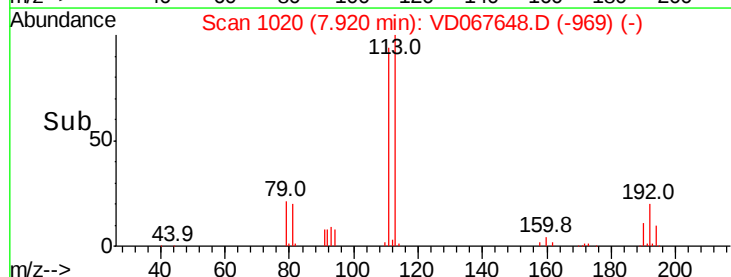
7.85

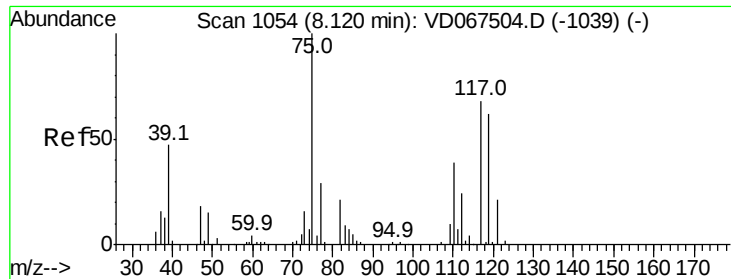
7.90

7.95

8.00

Time-->

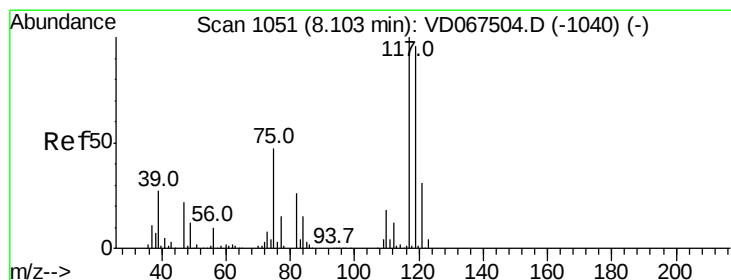
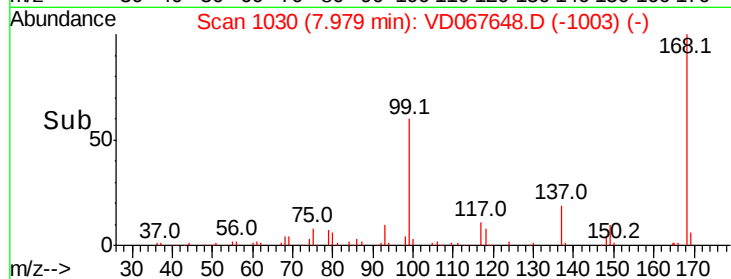
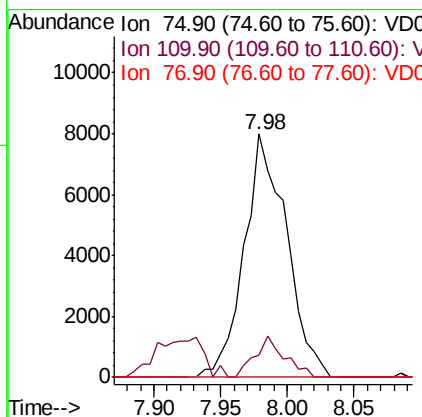
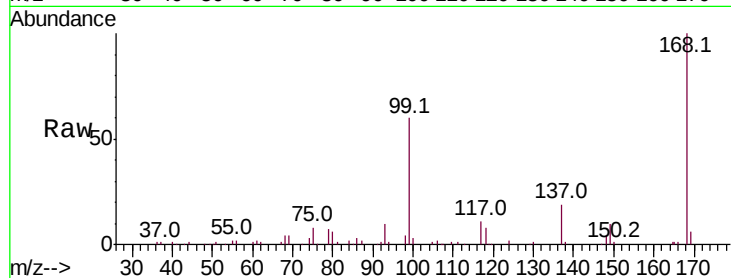




#36
 1,1-Dichloropropene
 Concen: 5.028 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067648.D
 Acq: 16 Nov 2020 18:35

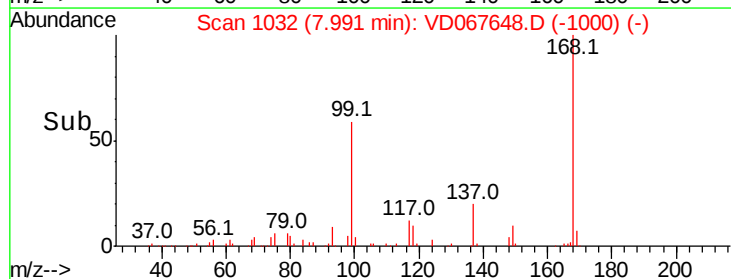
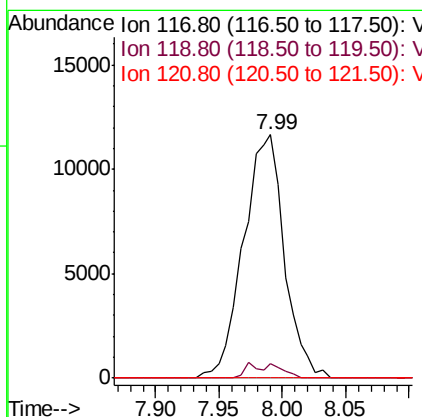
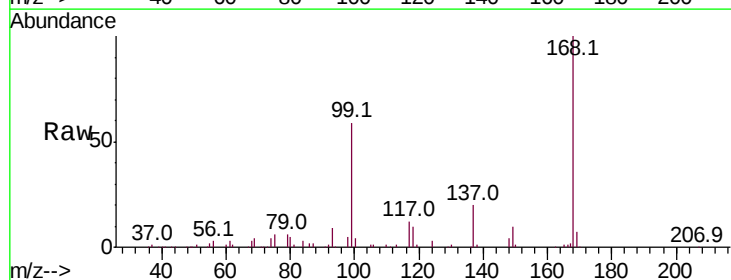
Instrument :
 MSVOA_D
 ClientSampleID :
 OK-02-111320

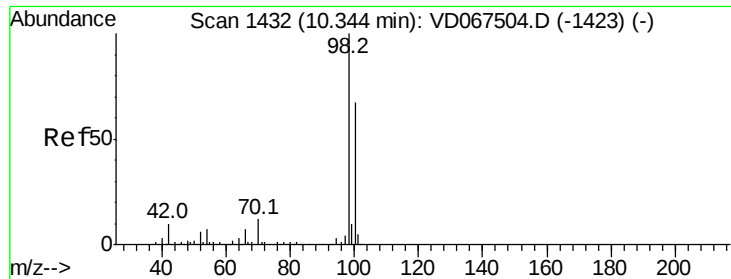
Tot Ion: 75 Resp: 17539
 Ion Ratio Lower Upper
 75 100
 110 11.8 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.766 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD067648.D
 Acq: 16 Nov 2020 18:35

Tgt Ion: 117 Resp: 26132
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.9 115.3#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 56.132 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

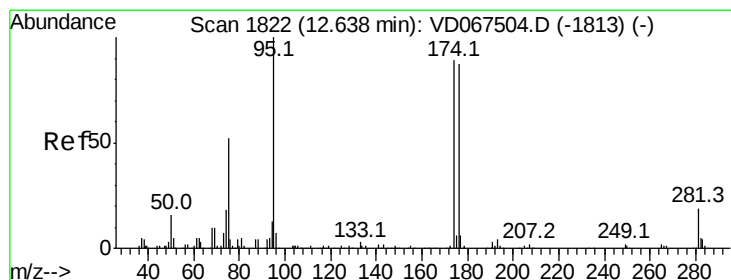
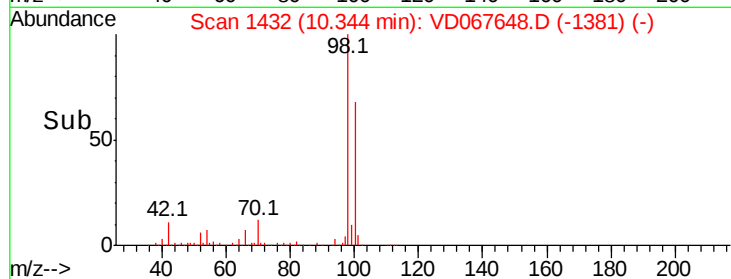
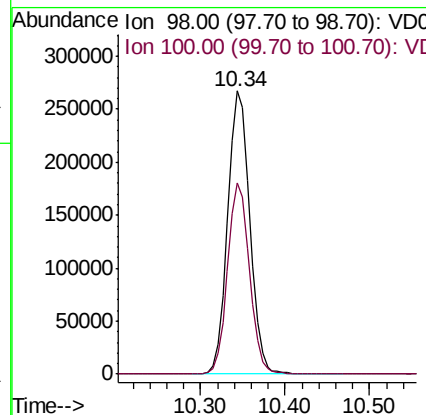
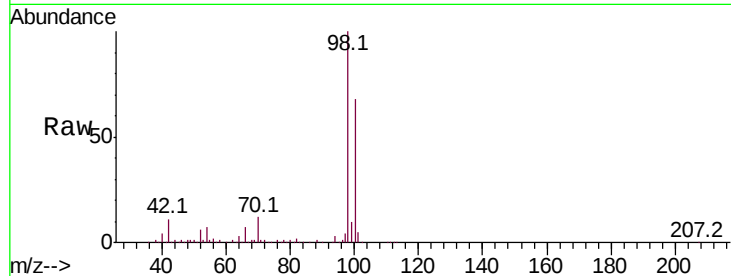
OK-02-111320

Tot Ion: 98 Resp: 484295

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 61.910 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

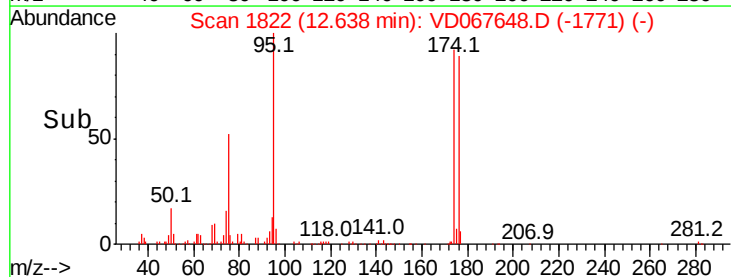
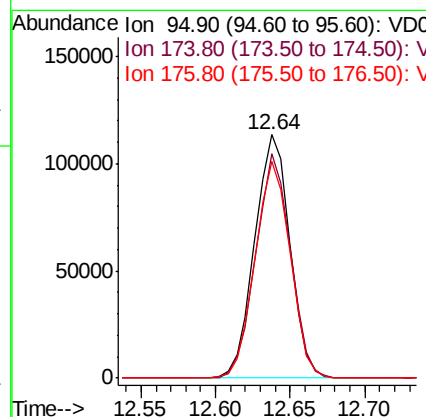
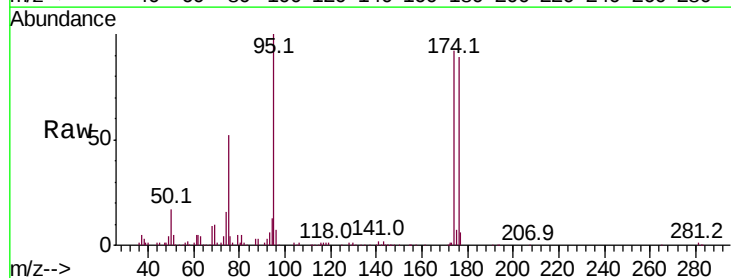
Tgt Ion: 95 Resp: 184412

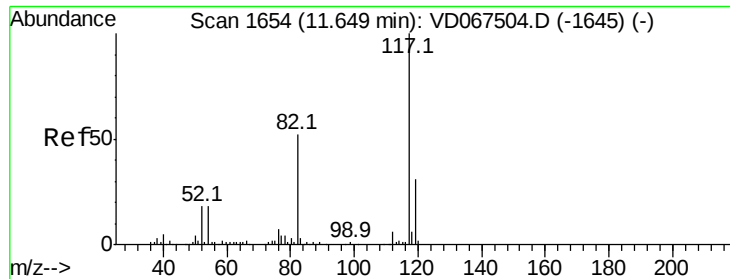
Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.8

176 88.9 0.0 172.0

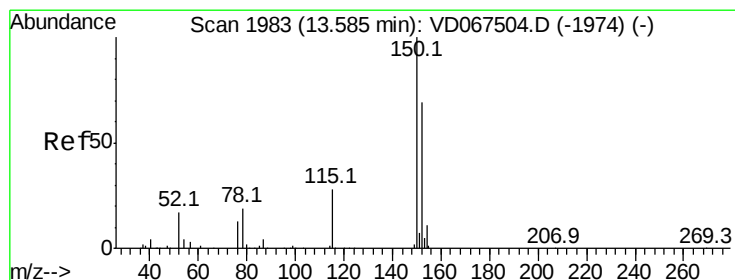
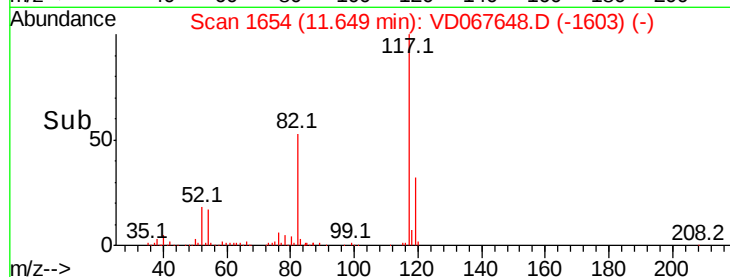
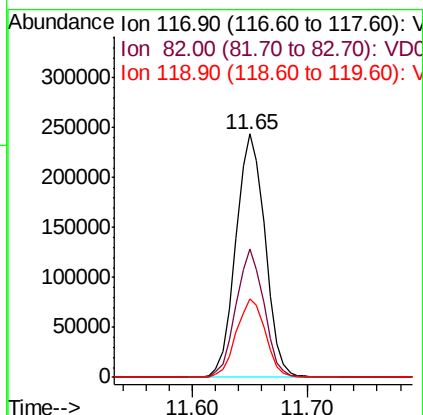
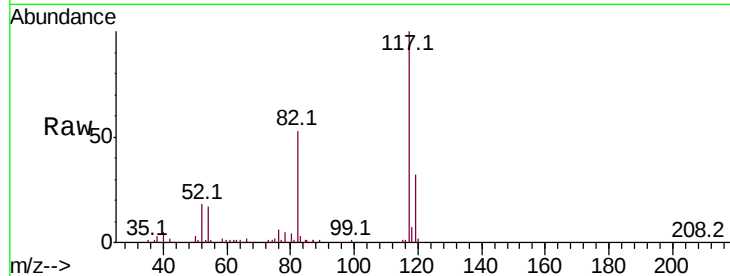




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067648.D
Acq: 16 Nov 2020 18:35

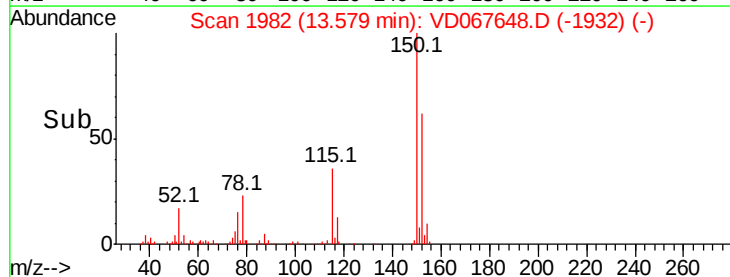
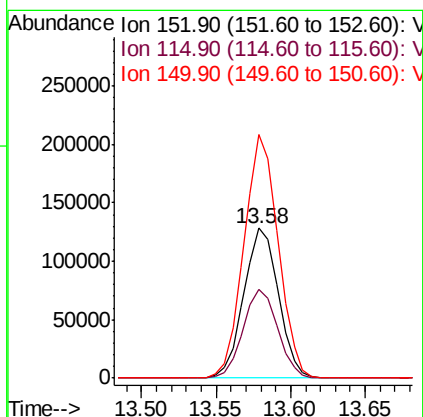
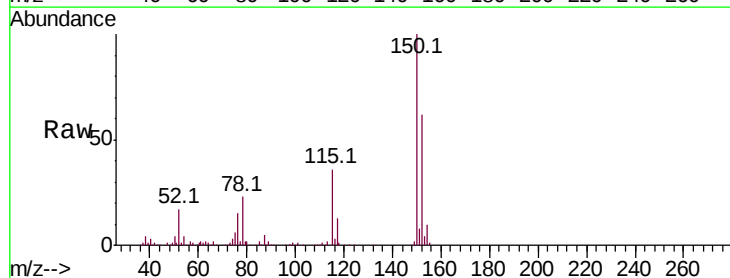
Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

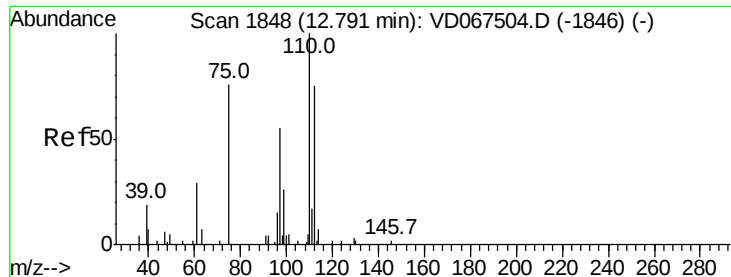
Tot Ion:117 Resp: 426677
Ion Ratio Lower Upper
117 100
82 52.7 41.6 62.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067648.D
Acq: 16 Nov 2020 18:35

Tgt Ion:152 Resp: 206420
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 159.6 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 75.965 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

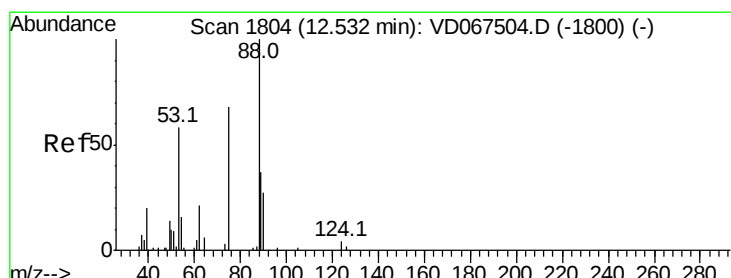
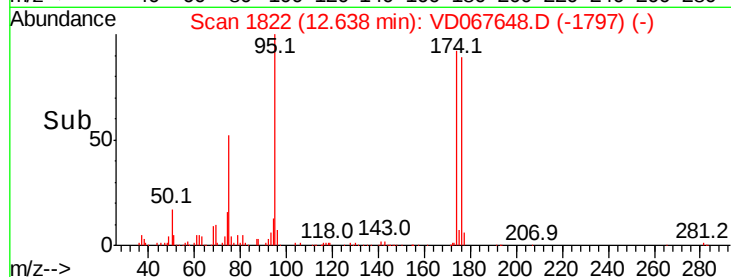
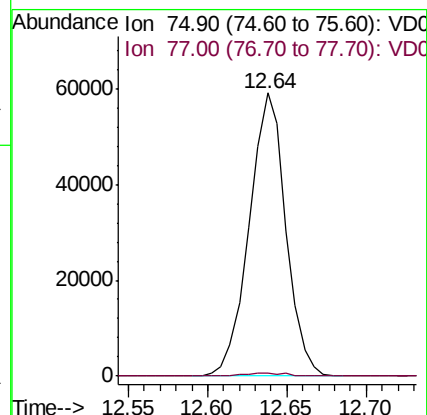
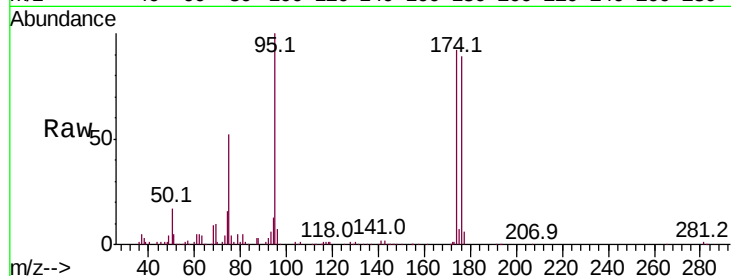
OK-02-111320

Tot Ion: 75 Resp: 94595

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.229 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067648.D

Acq: 16 Nov 2020 18:35

Tgt Ion: 75 Resp: 94595

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.0 44.6 67.0#

