

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067601.D
 Acq On : 11 Nov 2020 14:41
 Operator : VA/SY
 Sample : L4714-01
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-SP-1

Quant Time: Nov 12 00:09:42 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	361911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	593822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	600824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306384	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	174459	55.13	ug/l	0.00
Spiked Amount			Recovery	=	110.26%	
35) Dibromofluoromethane	7.92	113	186602	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
50) Toluene-d8	10.34	98	695269	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.64	95	270903	62.41	ug/l	0.00
Spiked Amount			Recovery	=	124.82%	

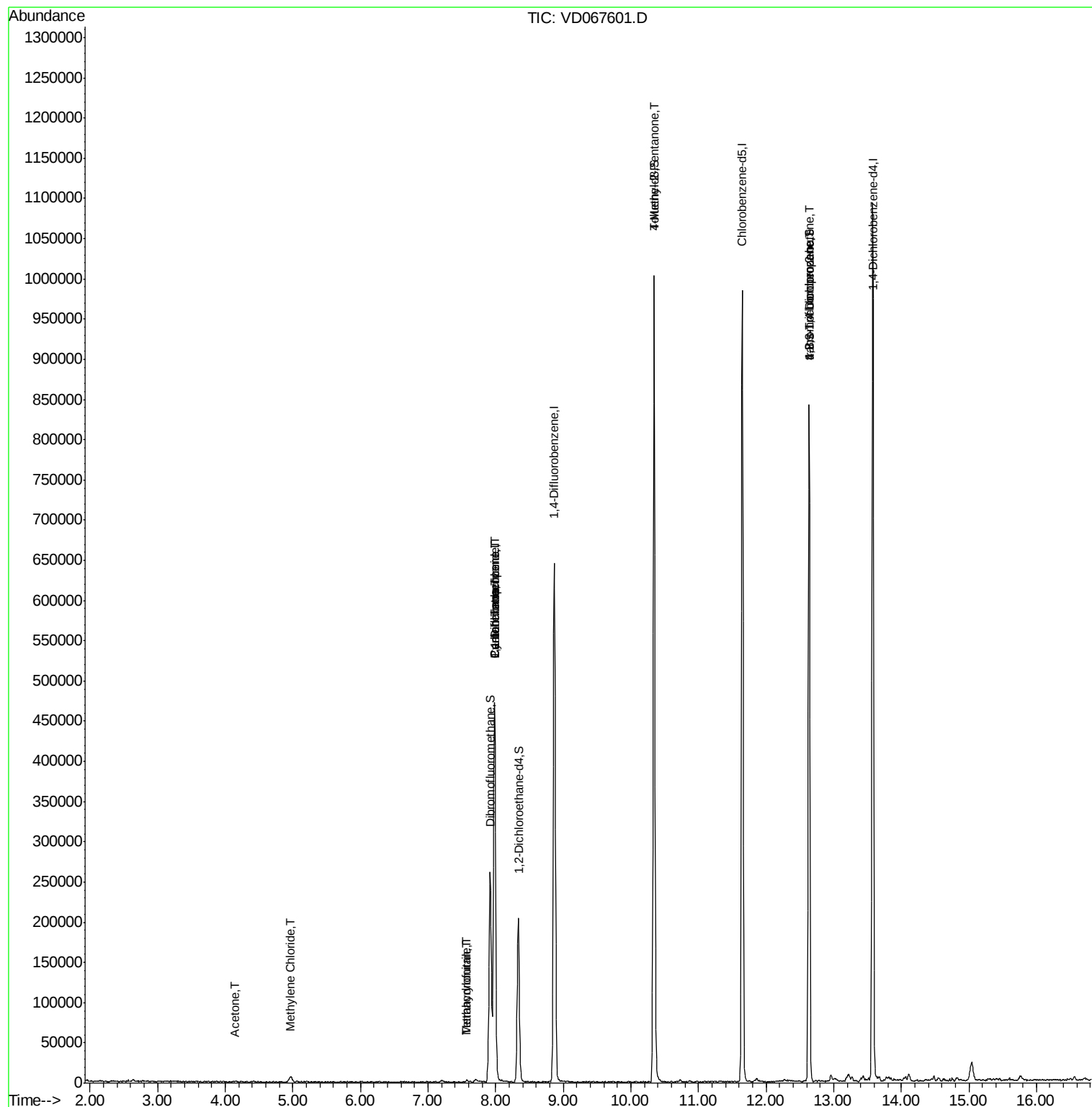
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	292	Below Cal	#	44
11) Tert butyl alcohol	5.20	59	255	Below Cal	#	79
16) Acetone	4.15	43	1345	2.840	ug/l #	43
20) Methylene Chloride	4.97	84	6311	1.887	ug/l #	92
29) Tetrahydrofuran	7.57	42	1453	4.794	ug/l #	80
31) Cyclohexane	7.98	56	6565	1.430	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	24065	4.734	ug/l #	51
38) Carbon Tetrachloride	7.98	117	36271	5.492	ug/l #	17
41) Methacrylonitrile	7.56	41	856	1.085	ug/l #	33
51) 4-Methyl-2-Pentanone	10.34	43	2433	1.949	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	133616	72.292	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	133616	146.772	ug/l #	10

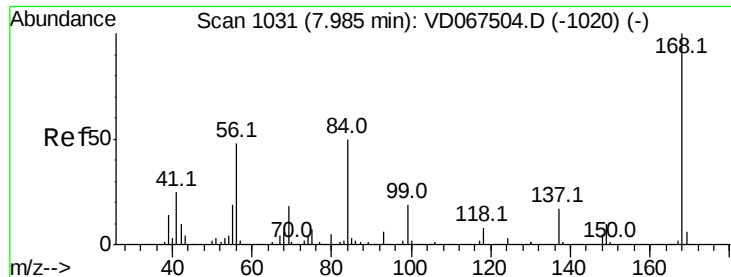
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067601.D
Acq On : 11 Nov 2020 14:41
Operator : VA/SY
Sample : L4714-01
Misc : 5.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
EROC-SP-1

Quant Time: Nov 12 00:09:42 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: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

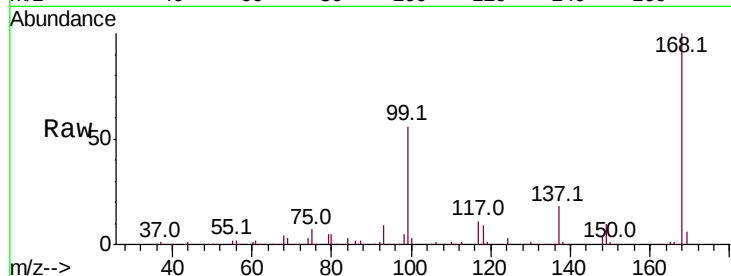
EROC-SP-1

Tot Ion:168 Resp: 361911

Ion Ratio Lower Upper

168 100

99 55.9 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

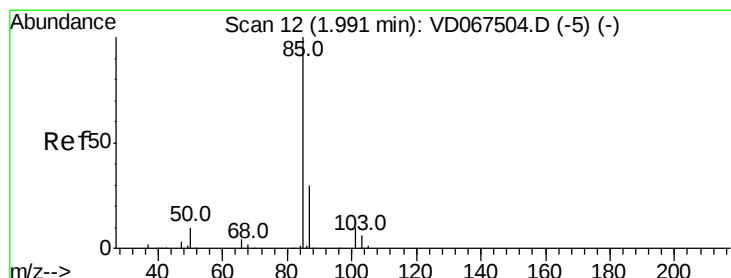
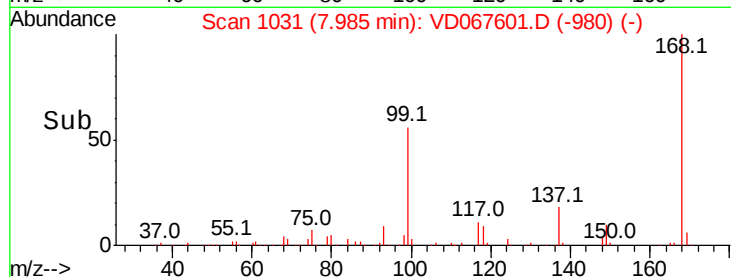
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067601.D

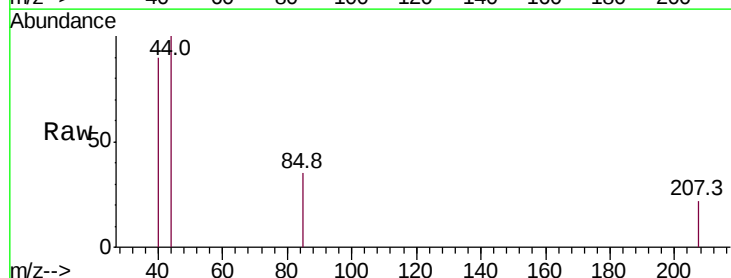
Acq: 11 Nov 2020 14:41

Tgt Ion: 85 Resp: 292

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

400

300

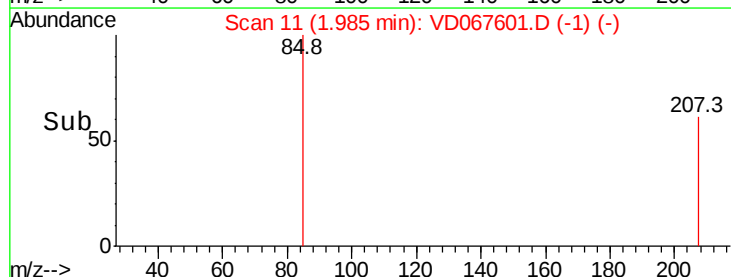
200

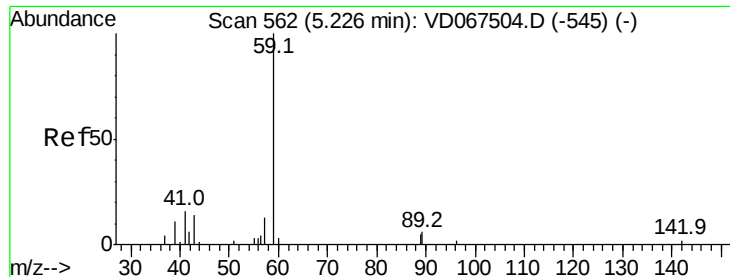
100

0

Time-->

1.96 1.98 2.00



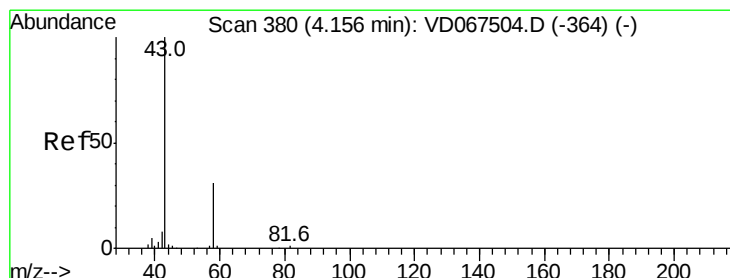
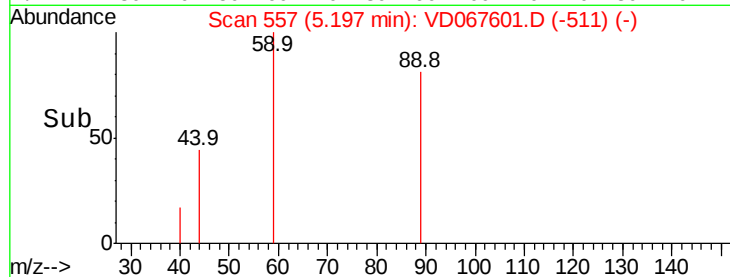
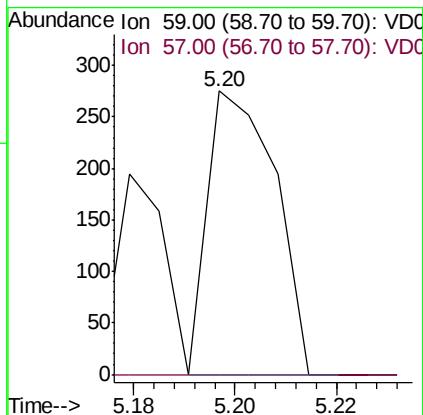
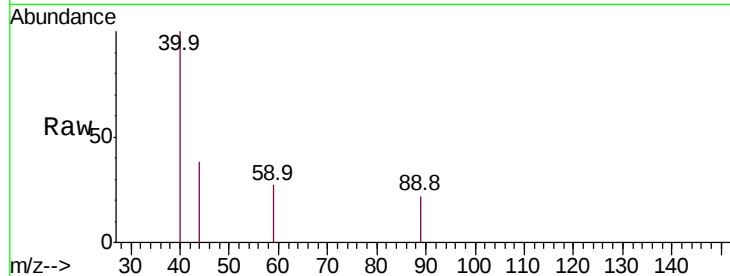


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD067601.D
 Acq: 11 Nov 2020 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-SP-1

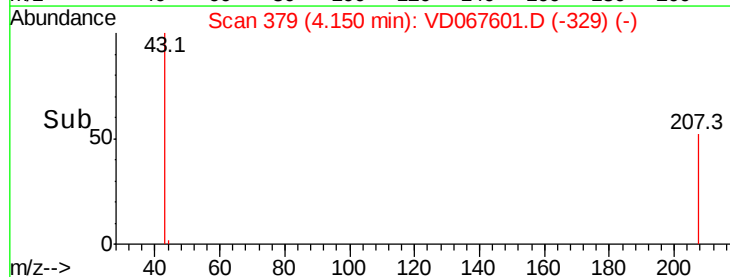
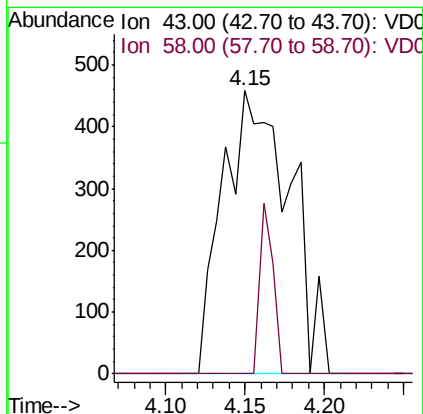
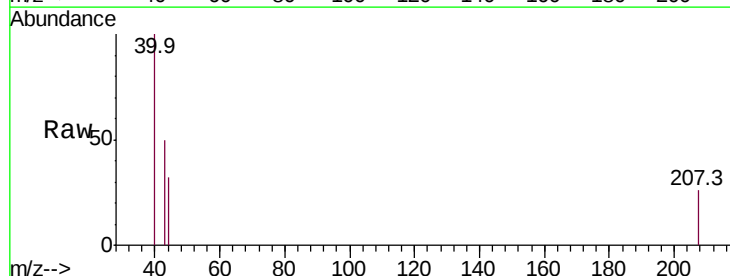
Tot Ion: 59 Resp: 255
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

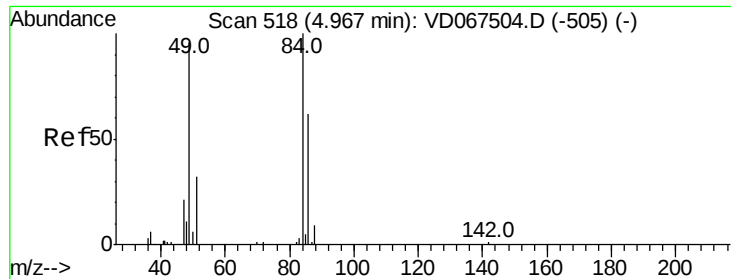


#16

Acetone
 Concen: 2.840 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VD067601.D
 Acq: 11 Nov 2020 14:41

Tgt Ion: 43 Resp: 1345
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

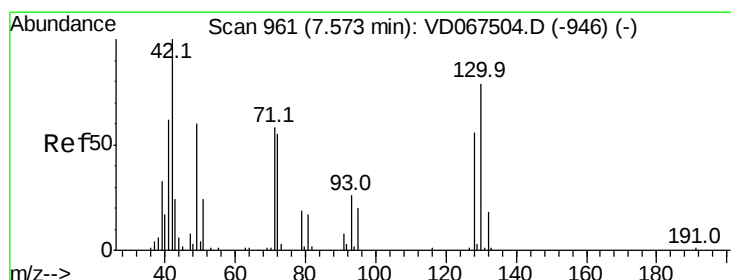
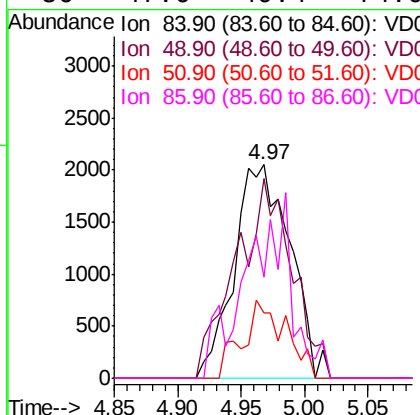
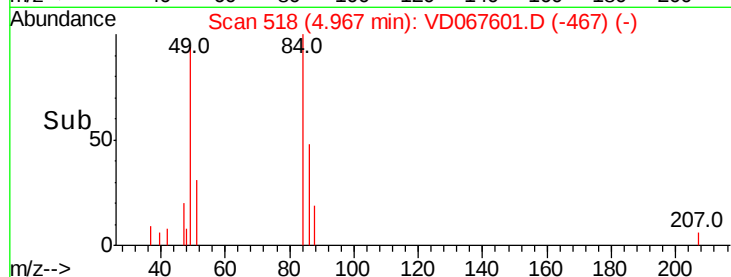
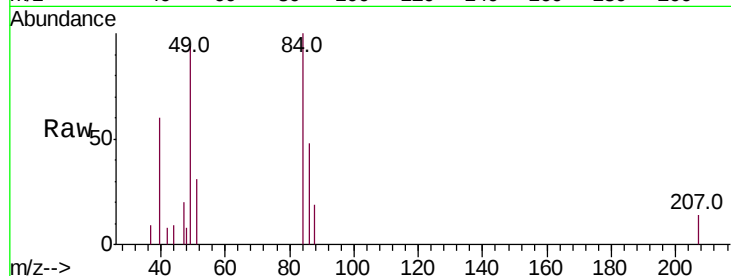




#20
Methvlene Chloride
Concen: 1.887 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

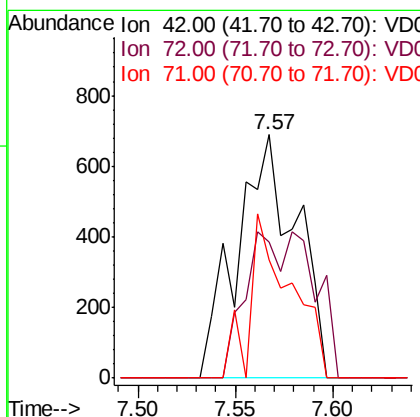
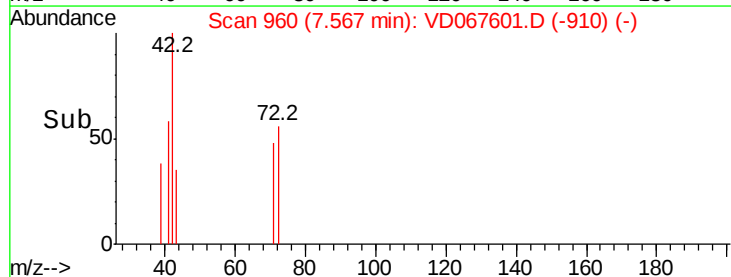
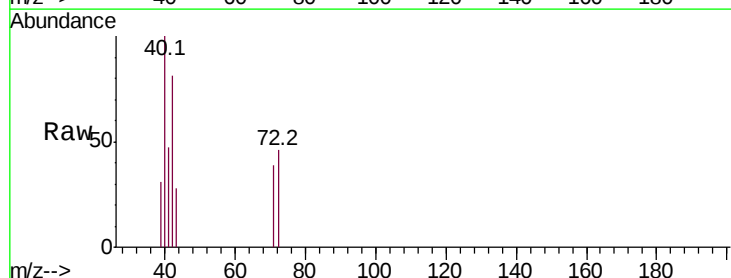
Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-1

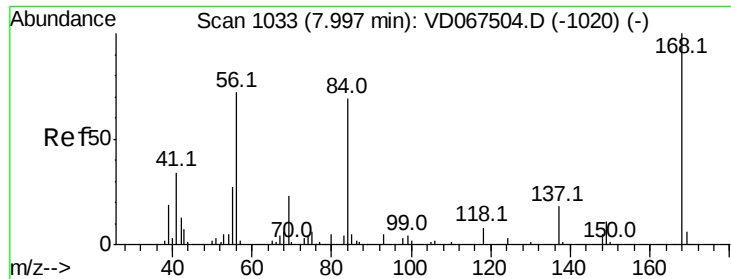
Tot Ion: 84 Resp: 6311
Ion Ratio Lower Upper
84 100
49 93.5 77.0 115.4
51 30.7 25.4 38.2
86 47.6 49.4 74.0#



#29
Tetrahydrofuran
Concen: 4.794 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Tgt Ion: 42 Resp: 1453
Ion Ratio Lower Upper
42 100
72 36.5 46.3 69.5#
71 46.7 44.0 66.0

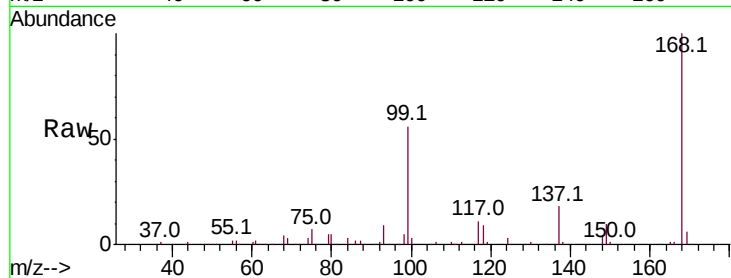




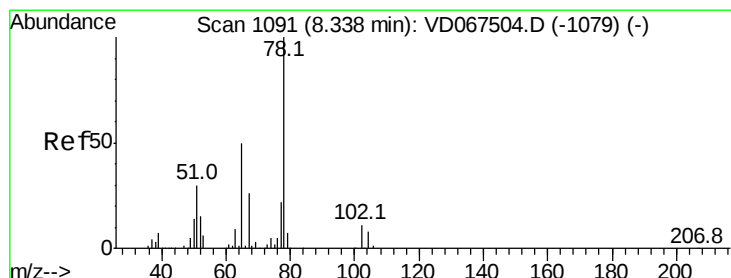
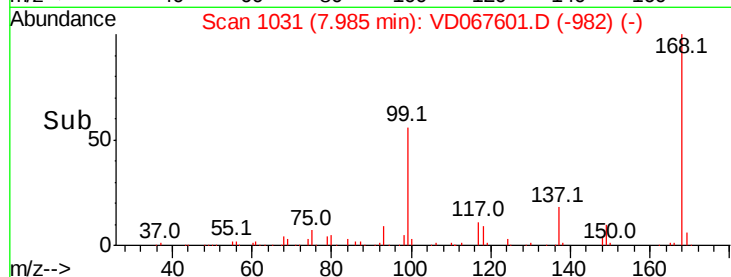
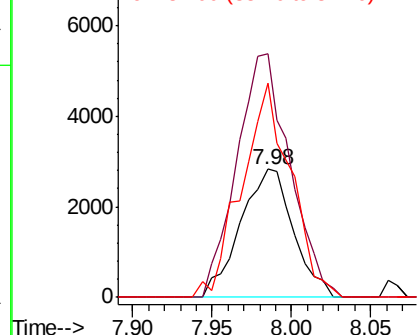
#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-1

Tot Ion: 56 Resp: 6565
Ion Ratio Lower Upper
56 100
69 189.8 25.9 38.9#
84 166.8 76.2 114.4#

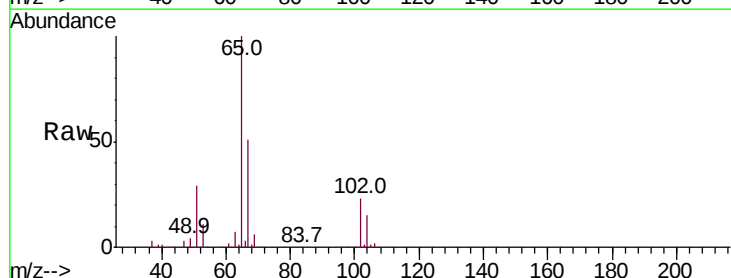


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

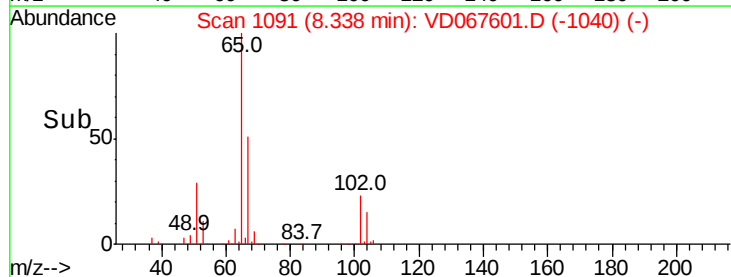
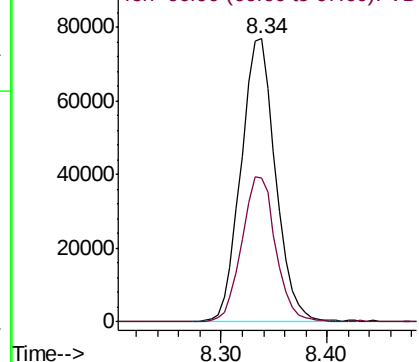


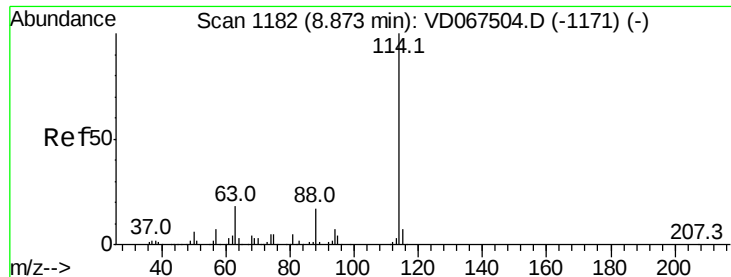
#33
1,2-Dichloroethane-d4
Concen: 55.130 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Tgt Ion: 65 Resp: 174459
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4



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

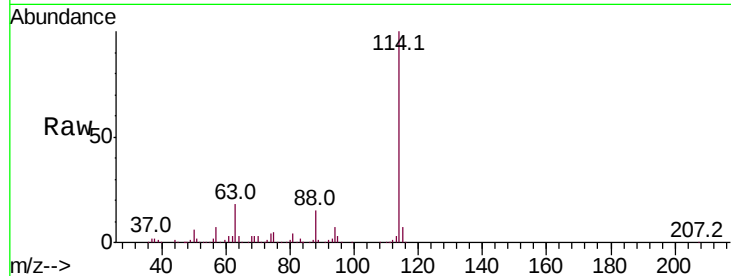




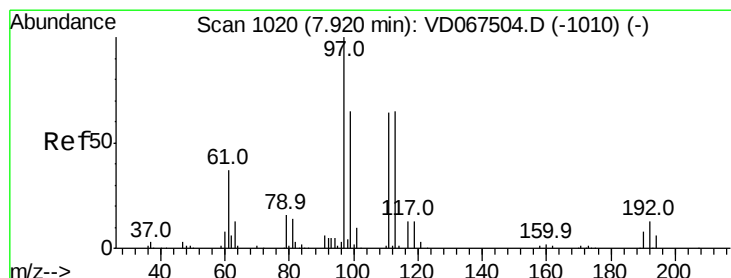
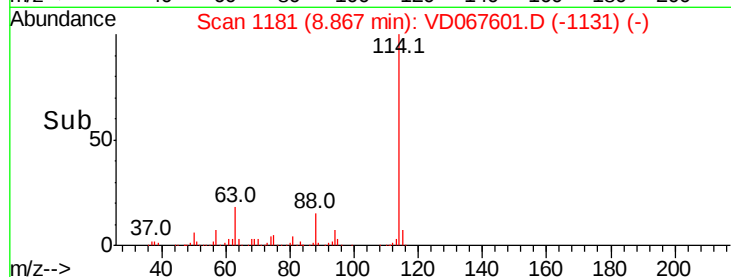
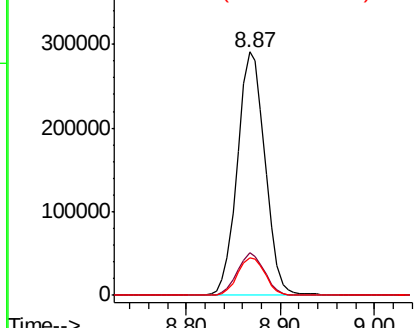
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-1

Tot Ion:114 Resp: 593822
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 15.2 0.0 33.0

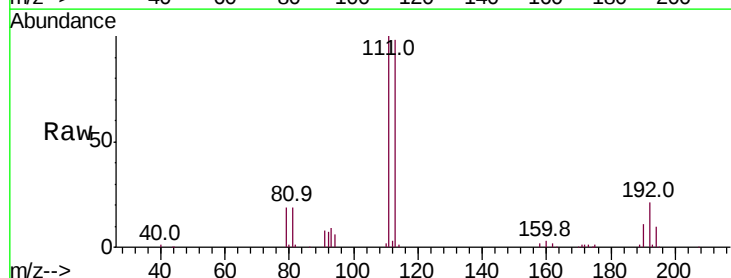


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

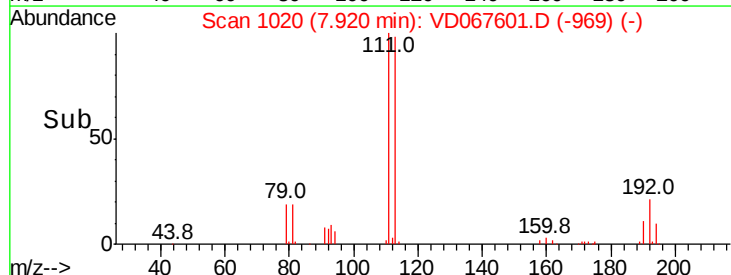
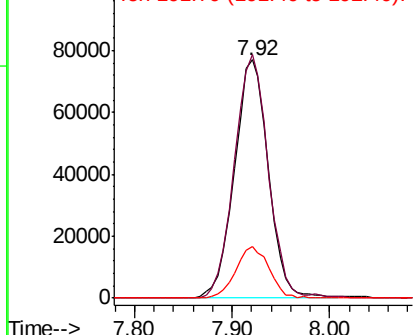


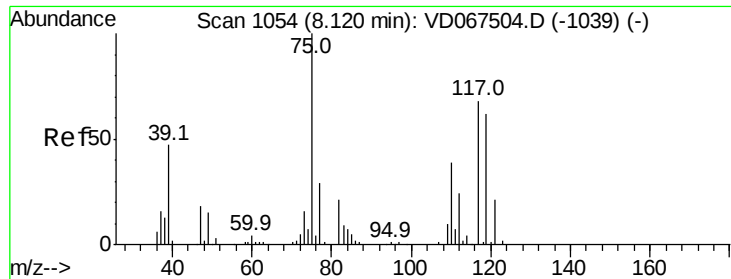
#35
Dibromofluoromethane
Concen: 52.156 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Tgt Ion:113 Resp: 186602
Ion Ratio Lower Upper
113 100
111 101.5 80.0 120.0
192 21.5 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: 4.734 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-1

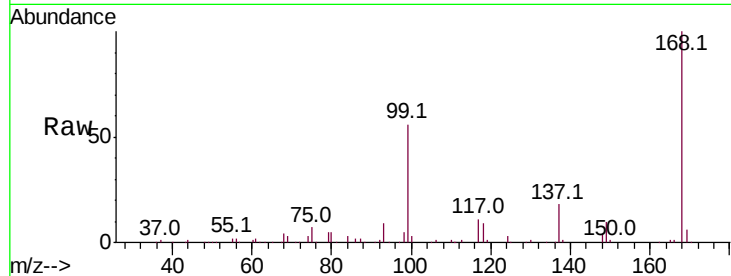
Tot Ion: 75 Resp: 24065

Ion Ratio Lower Upper

75 100

110 12.7 19.9 59.7#

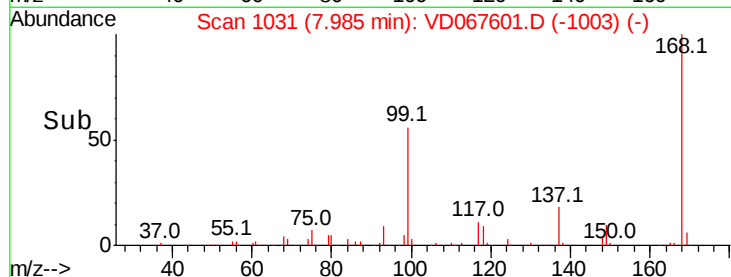
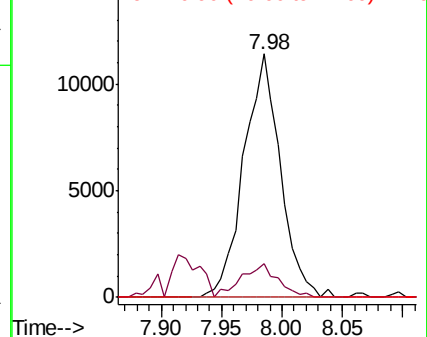
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.492 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

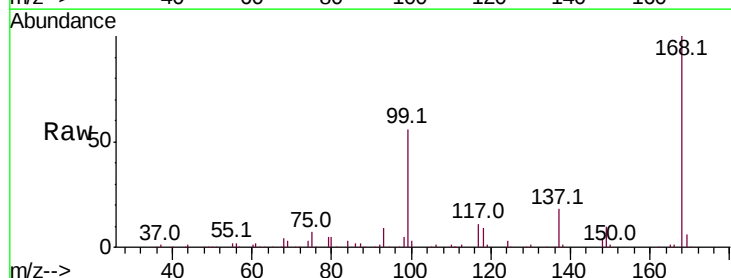
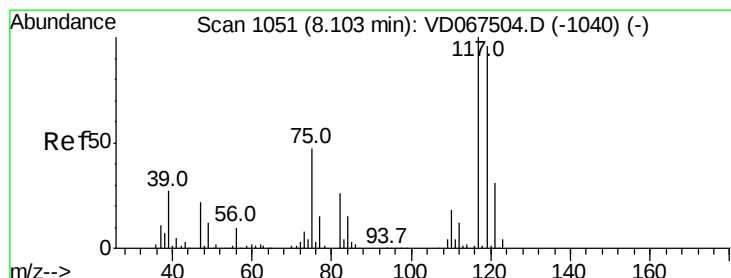
Tgt Ion: 117 Resp: 36271

Ion Ratio Lower Upper

117 100

119 5.9 76.9 115.3#

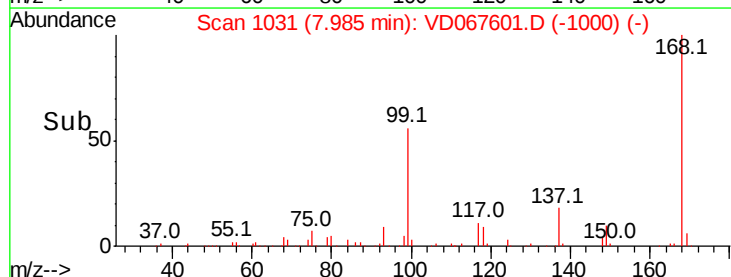
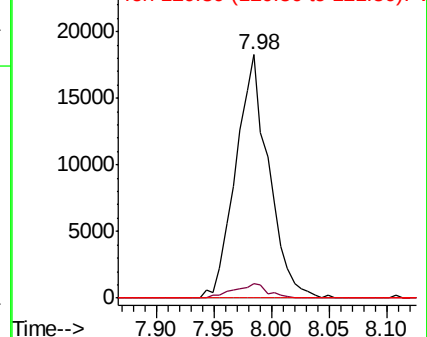
121 0.0 24.5 36.7#

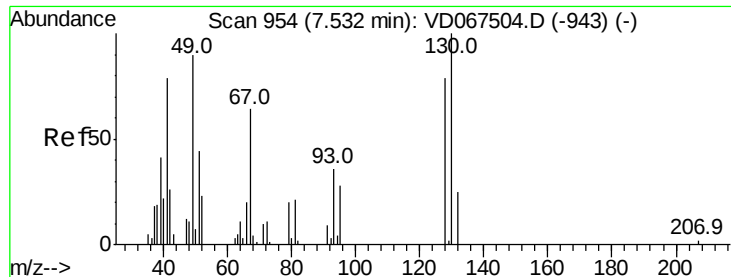


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

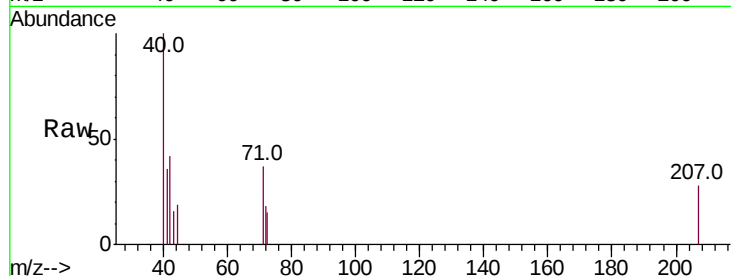




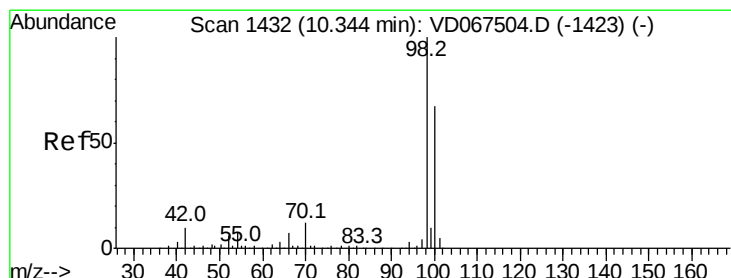
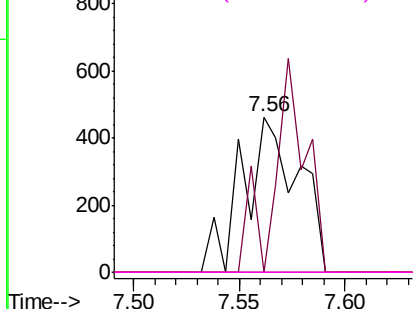
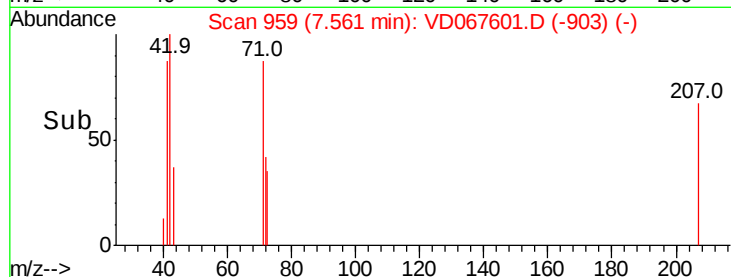
#41
Methacrylonitrile
Concen: 1.085 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.03 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-1

Tot Ion: 41 Resp: 856
Ion Ratio Lower Upper
41 100
39 78.9 51.3 76.9#
67 0.0 78.9 118.3#
52 0.0 31.4 47.2#

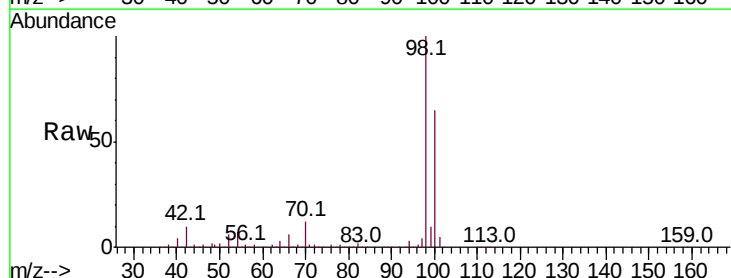


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

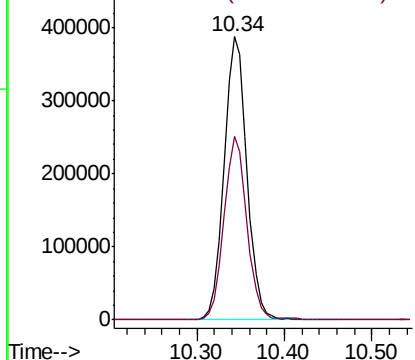
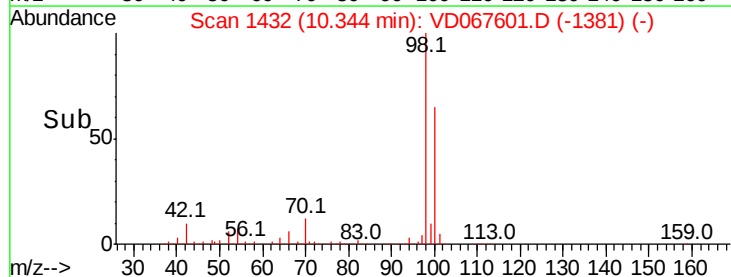


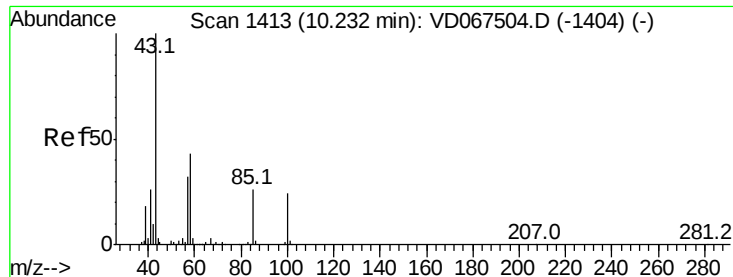
#50
Toluene-d8
Concen: 55.298 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Tgt Ion: 98 Resp: 695269
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 1.949 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

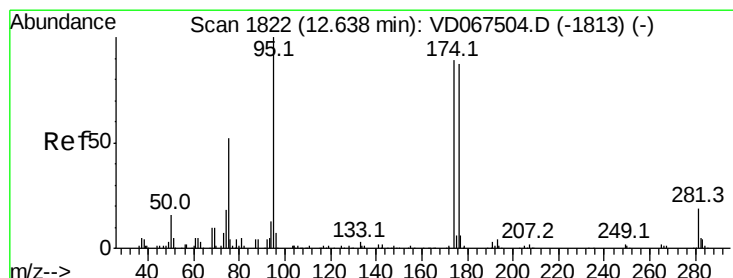
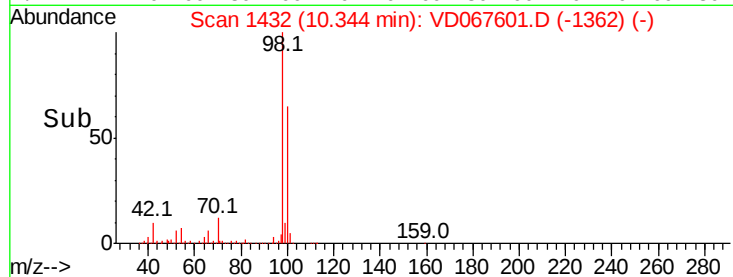
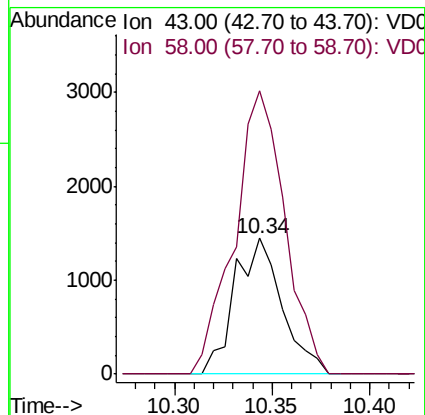
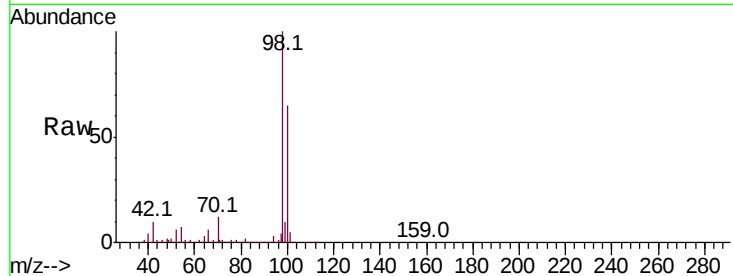
EROC-SP-1

Tot Ion: 43 Resp: 2433

Ion Ratio Lower Upper

43 100

58 222.1 35.6 53.4#



#62

4-Bromofluorobenzene

Concen: 62.408 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

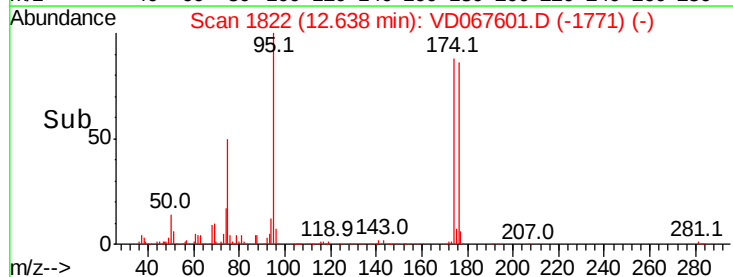
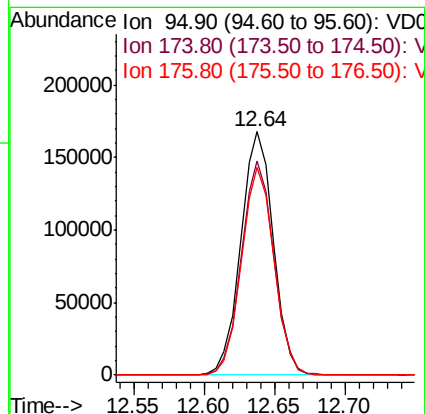
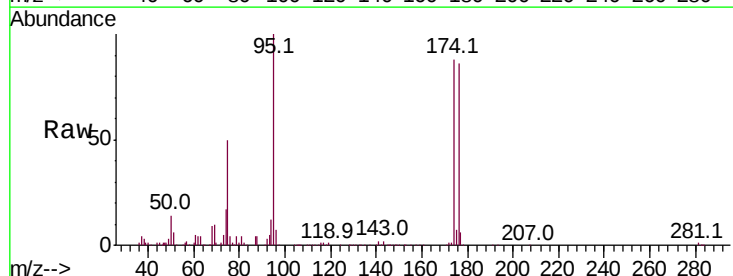
Tgt Ion: 95 Resp: 270903

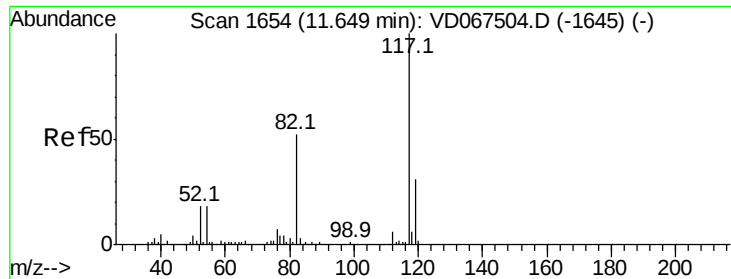
Ion Ratio Lower Upper

95 100

174 87.7 0.0 177.8

176 85.2 0.0 172.0

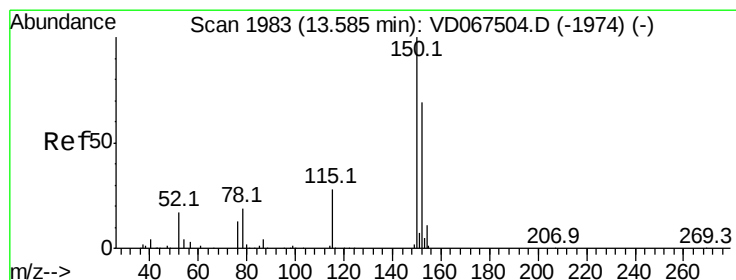
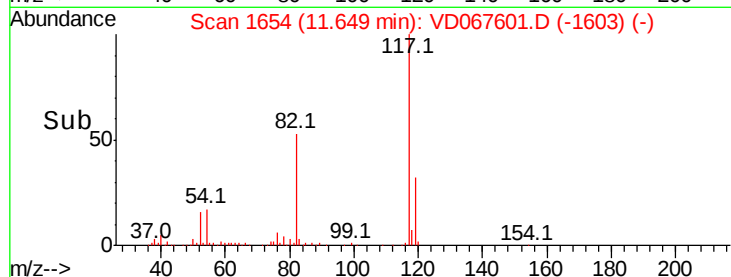
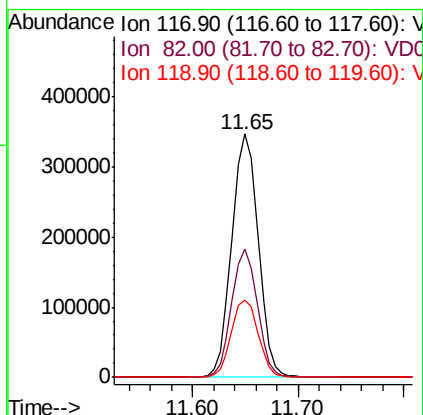
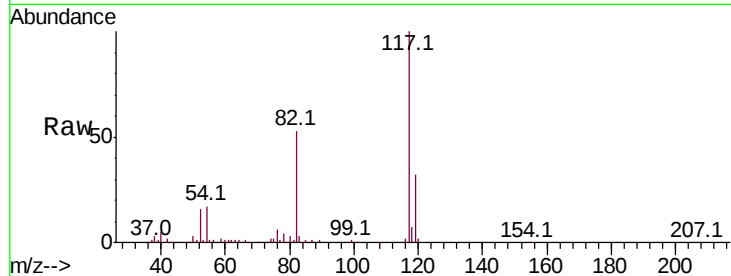




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

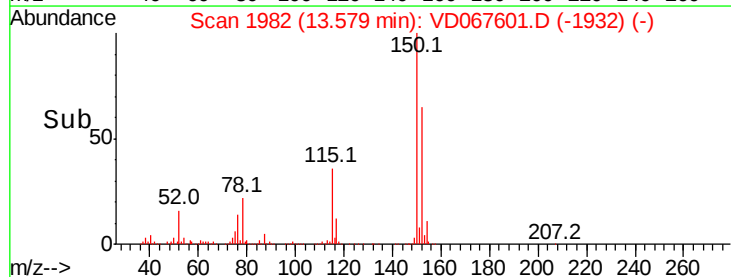
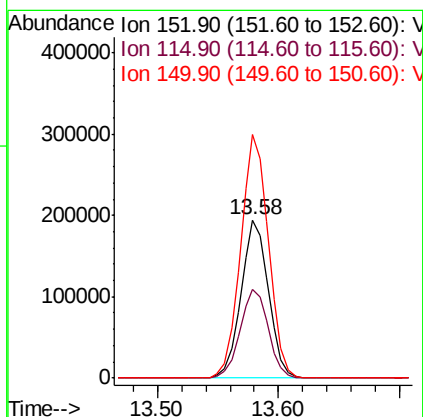
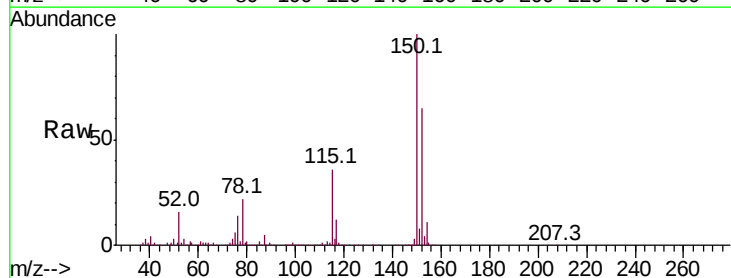
Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-1

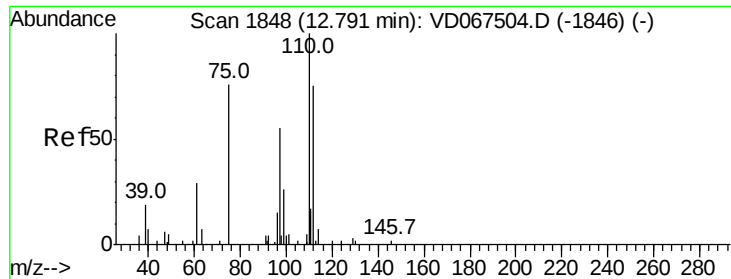
Tot Ion:117 Resp: 600824
Ion Ratio Lower Upper
117 100
82 52.5 41.6 62.4
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067601.D
Acq: 11 Nov 2020 14:41

Tgt Ion:152 Resp: 306384
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 156.4 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 72.292 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

Instrument :

MSVOA_D

ClientSampleId :

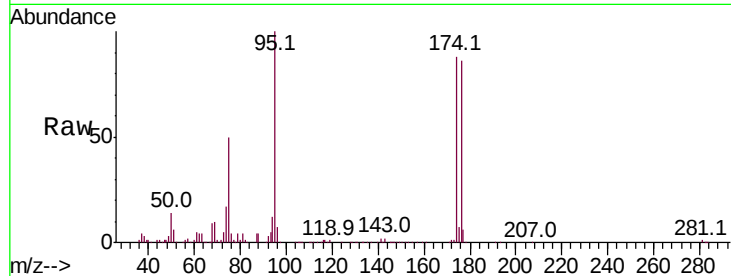
EROC-SP-1

Tot Ion: 75 Resp: 133616

Ion Ratio Lower Upper

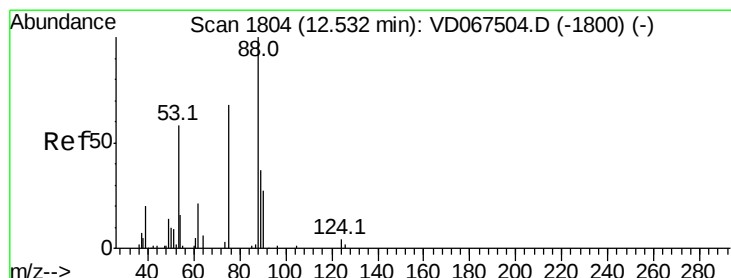
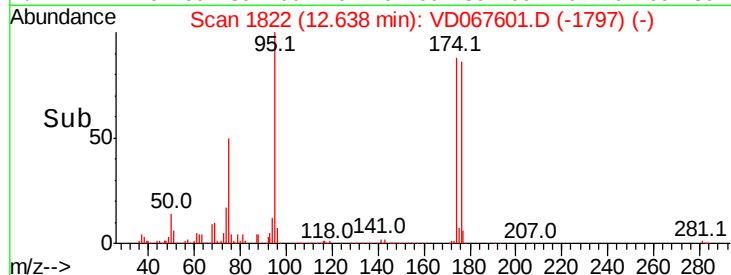
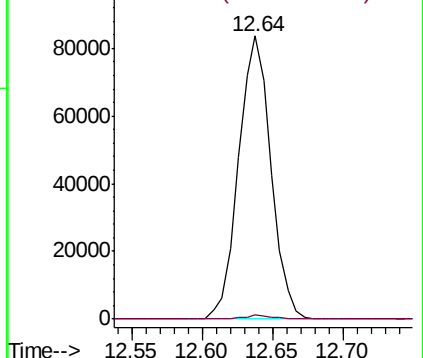
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 146.772 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067601.D

Acq: 11 Nov 2020 14:41

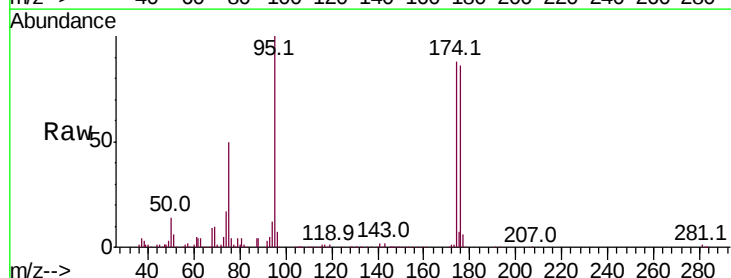
Tgt Ion: 75 Resp: 133616

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

