

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066747.D
 Acq On : 17 Sep 2020 16:28
 Operator : VA/SY
 Sample : L4062-02
 Misc : 7.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-CF-2

Quant Time: Sep 18 01:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

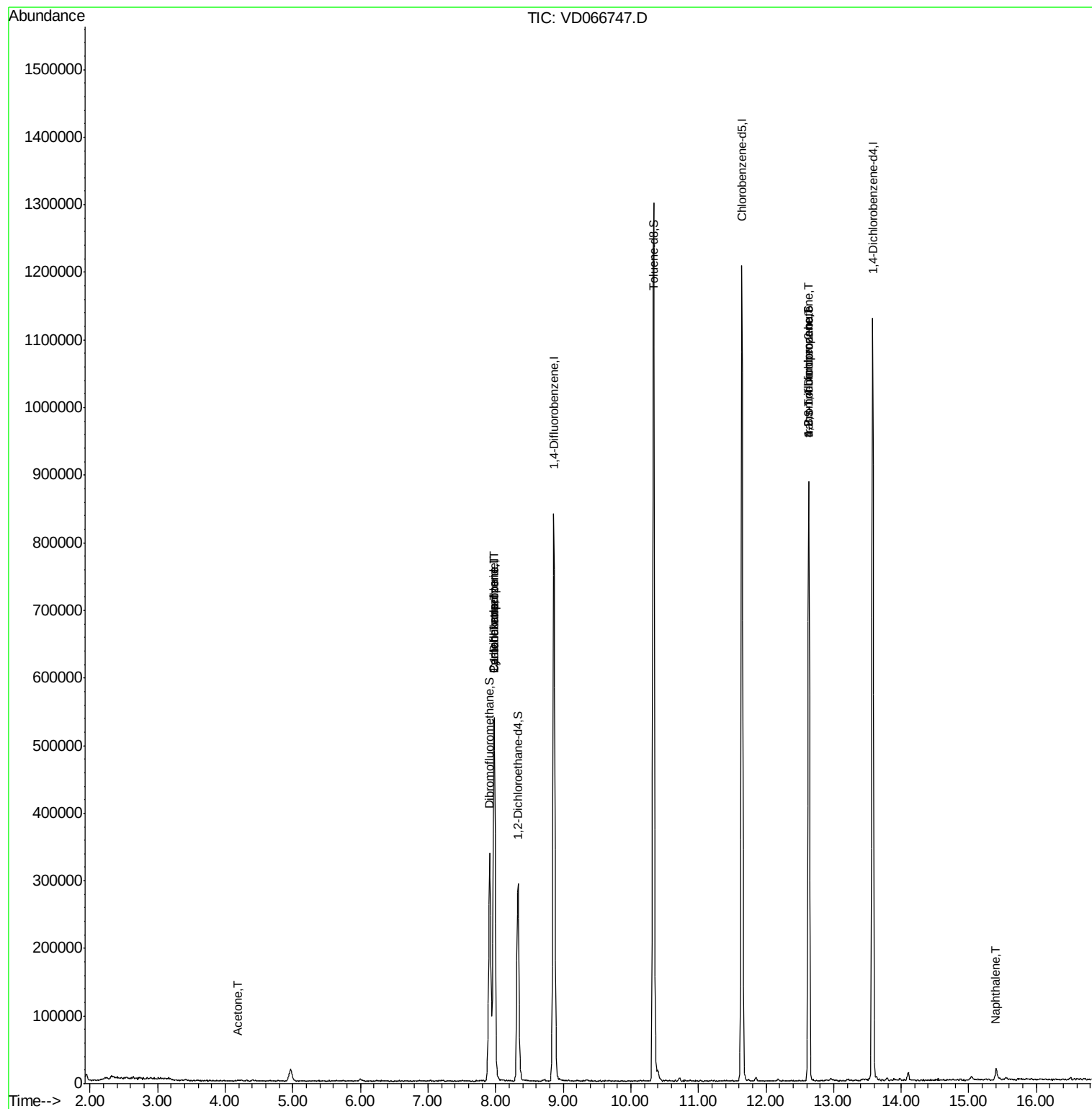
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	378673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	693778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	662140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	234156	57.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.92%	
35) Dibromofluoromethane	7.91	113	234464	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	10.34	98	847245	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
62) 4-Bromofluorobenzene	12.63	95	277021	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	133	Below Cal	#	43
16) Acetone	4.17	43	1442	1.753 ug/l	#	47
18) Methyl Acetate	4.75	43	72	Below Cal	#	52
20) Methylene Chloride	4.97	84	12798	Below Cal	#	86
31) Cyclohexane	7.97	56	10541	1.477 ug/l	#	23
36) 1,1-Dichloropropene	7.97	75	33272	4.665 ug/l	#	53
38) Carbon Tetrachloride	7.97	117	41770	5.514 ug/l	#	17
76) 1,2,3-Trichloropropane	12.63	75	155970	64.587 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	155970	139.390 ug/l	#	8
95) Naphthalene	15.41	128	14799	1.755 ug/l	#	93

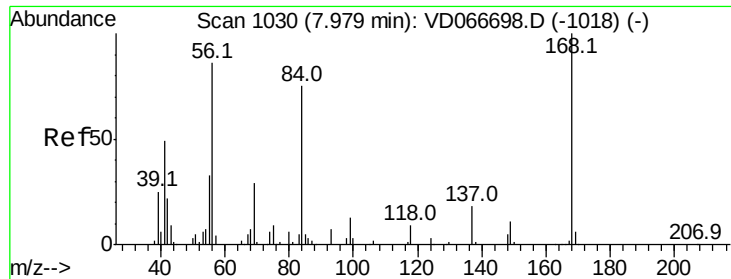
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 16:35:37 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: VD066747.D

Acq: 17 Sep 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

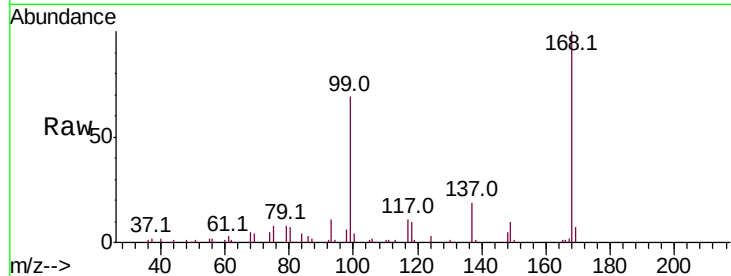
EROC-CF-2

Tot Ion:168 Resp: 378673

Ion Ratio Lower Upper

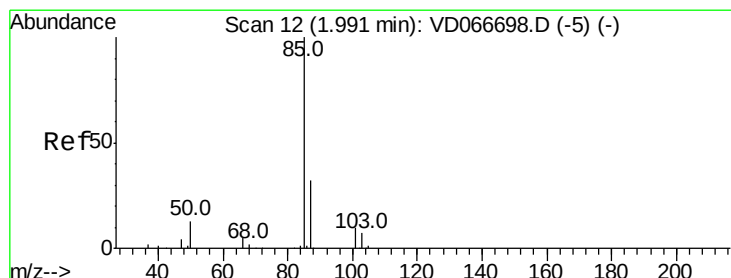
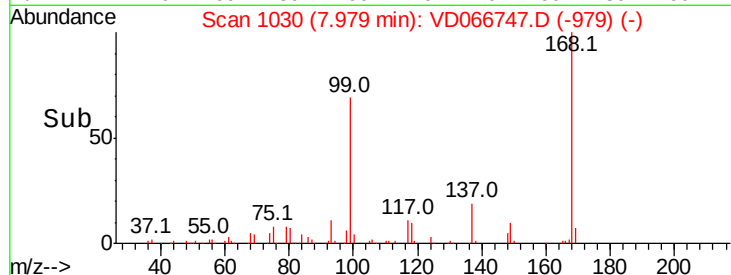
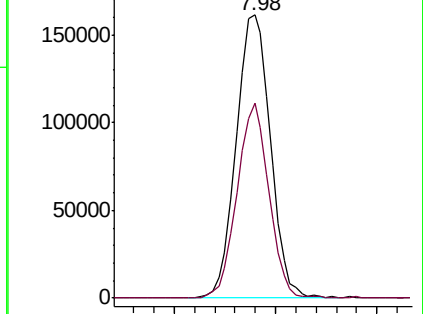
168 100

99 69.0 54.4 81.6



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: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066747.D

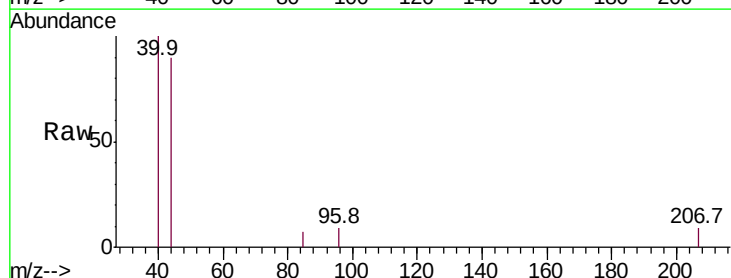
Acq: 17 Sep 2020 16:28

Tgt Ion: 85 Resp: 133

Ion Ratio Lower Upper

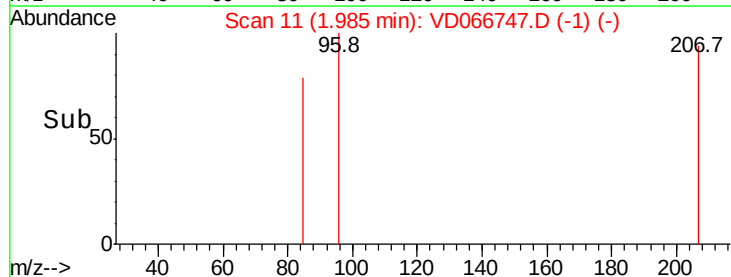
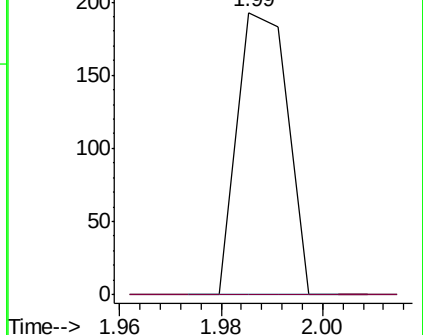
85 100

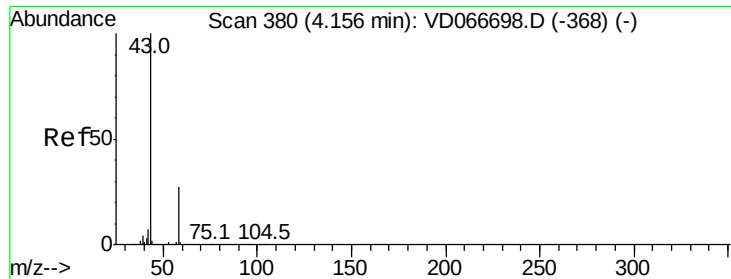
87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 1.753 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD066747.D

Acq: 17 Sep 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

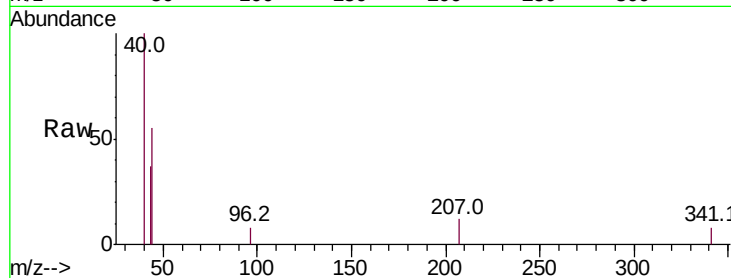
EROC-CF-2

Tot Ion: 43 Resp: 1442

Ion Ratio Lower Upper

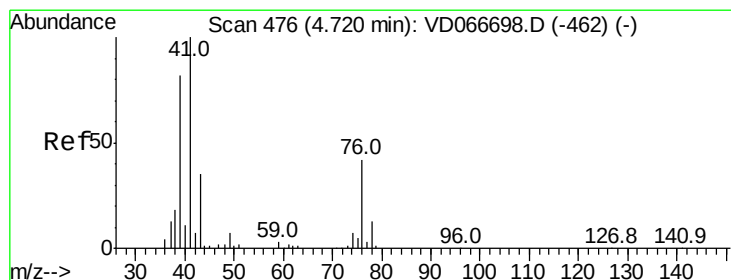
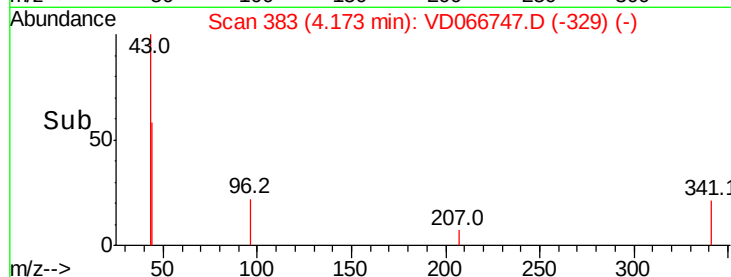
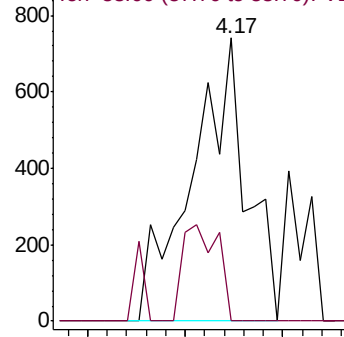
43 100

58 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.75 min Scan# 481

Delta R.T. 0.03 min

Lab File: VD066747.D

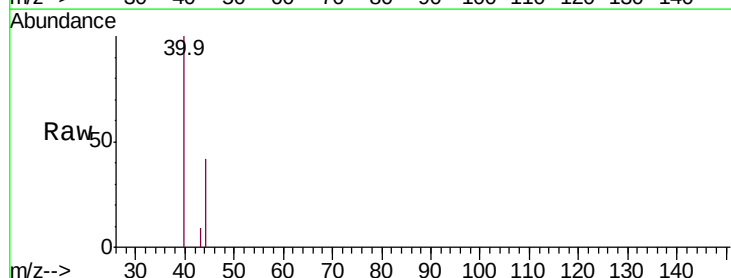
Acq: 17 Sep 2020 16:28

Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

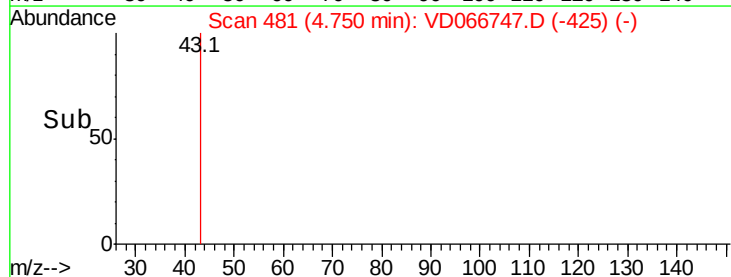
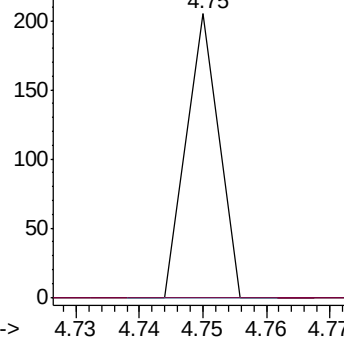
43 100

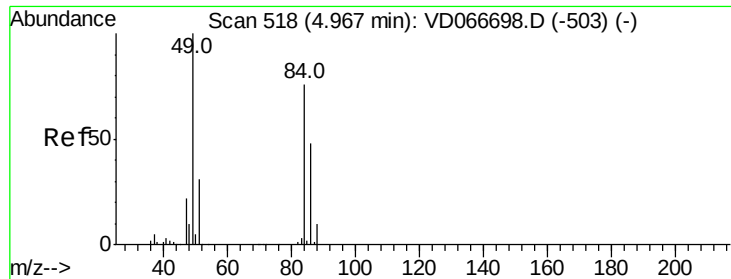
74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

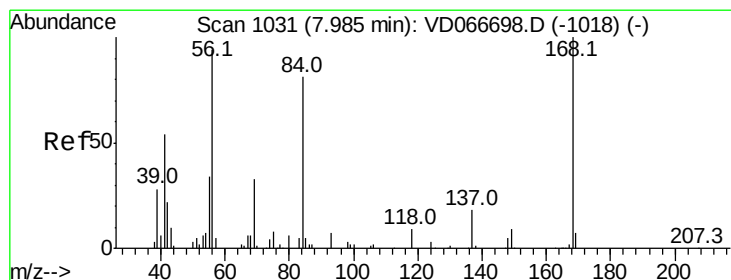
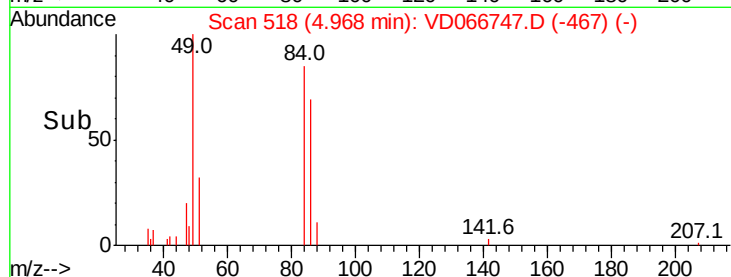
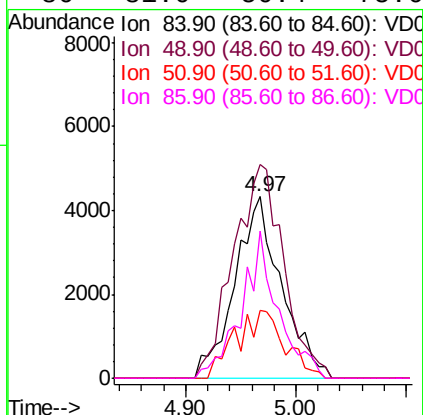
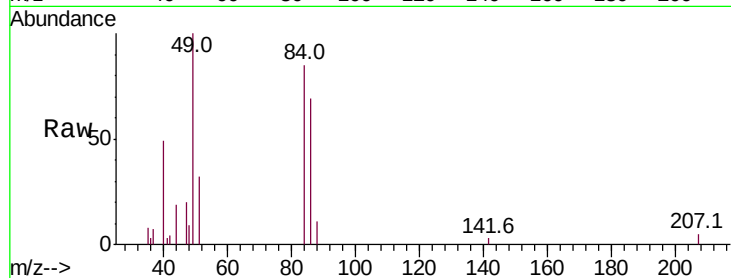




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

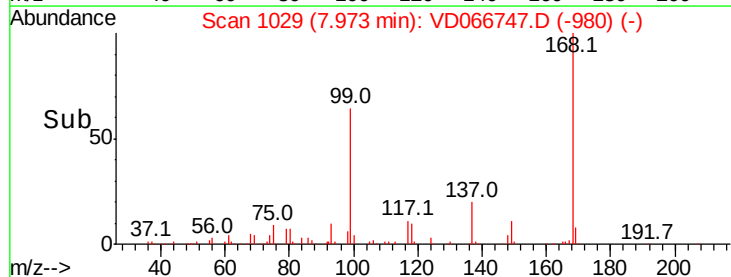
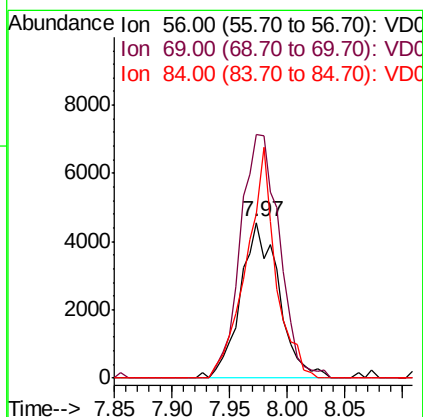
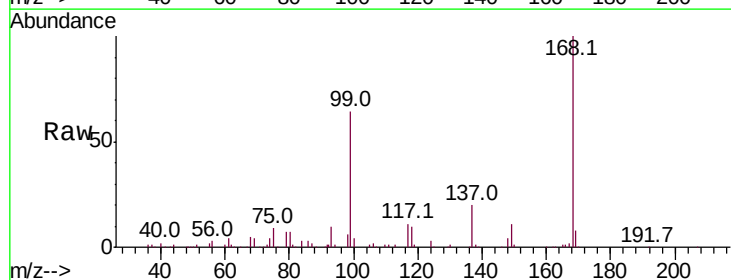
Instrument :
MSVOA_D
ClientSampleId :
EROC-CF-2

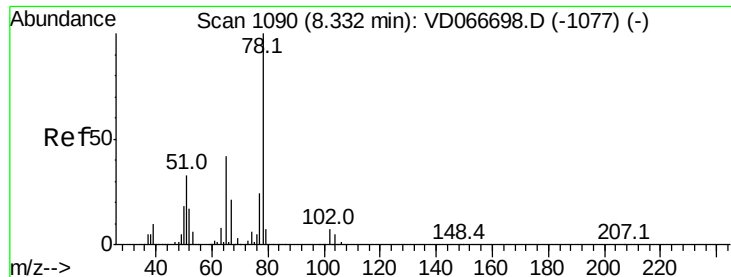
Tot Ion: 84 Resp: 12798
Ion Ratio Lower Upper
84 100
49 117.6 105.0 157.6
51 37.3 32.2 48.4
86 81.0 50.4 75.6#



#31
Cyclohexane
Concen: 1.477 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

Tgt Ion: 56 Resp: 10541
Ion Ratio Lower Upper
56 100
69 156.8 27.7 41.5#
84 105.9 68.5 102.7#

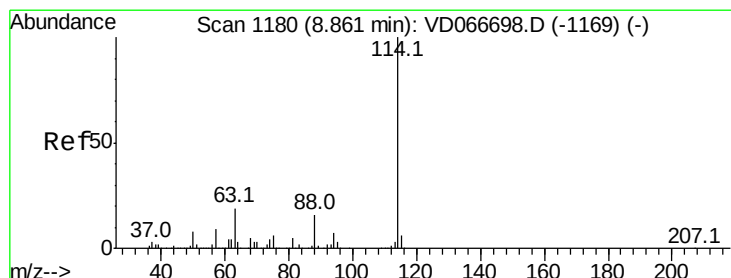
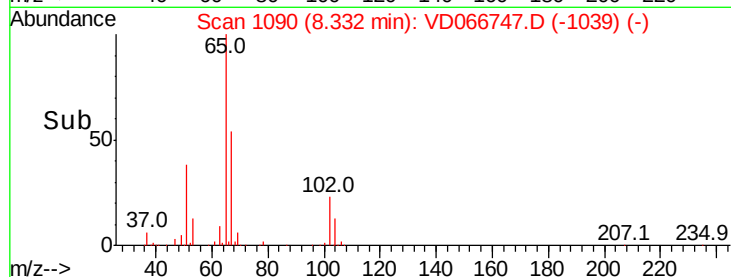
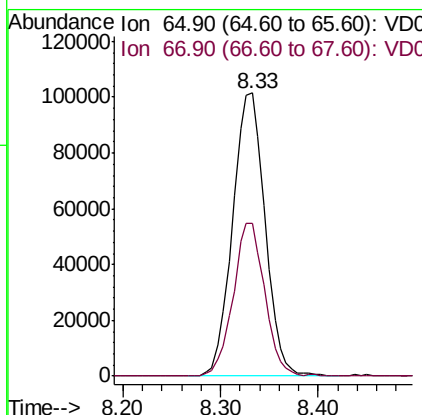
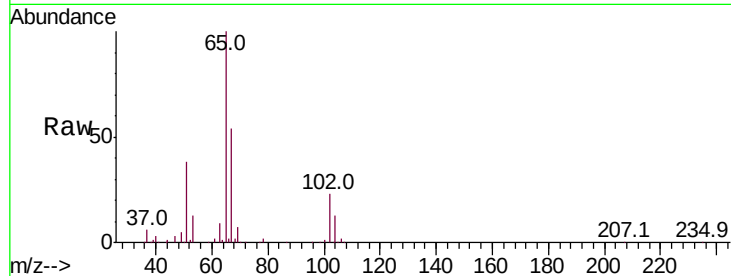




#33
 1,2-Dichloroethane-d4
 Concen: 57.956 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066747.D
 Acq: 17 Sep 2020 16:28

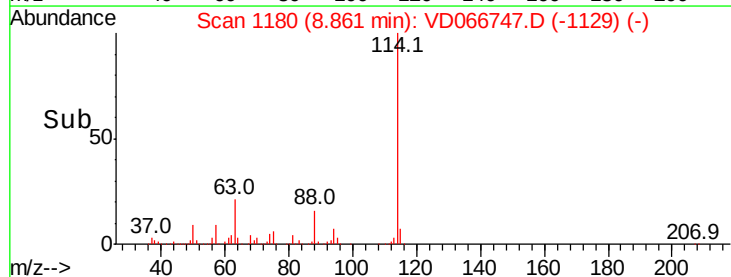
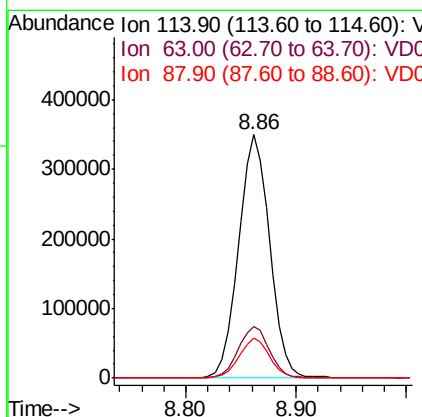
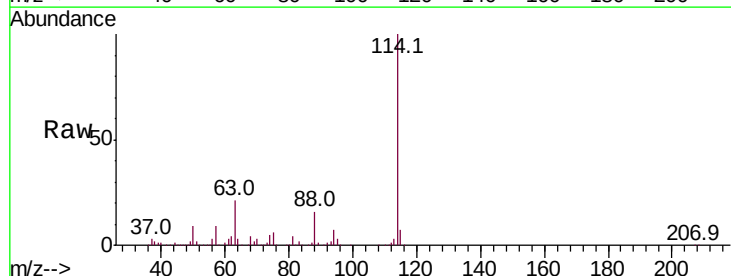
Instrument :
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 ClientSampleId :
 EROC-CF-2

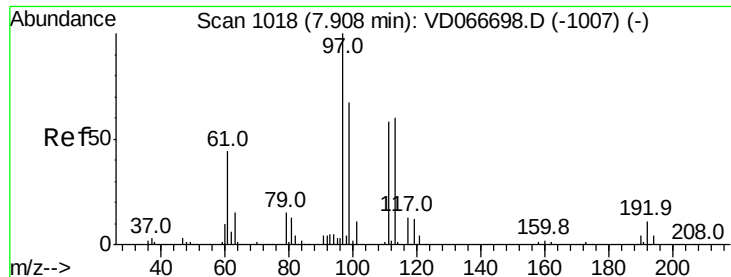
Tot Ion: 65 Resp: 234156
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066747.D
 Acq: 17 Sep 2020 16:28

Tgt Ion: 114 Resp: 693778
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.6
 88 16.5 0.0 32.2

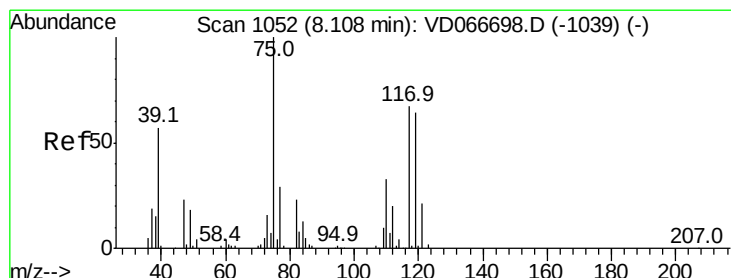
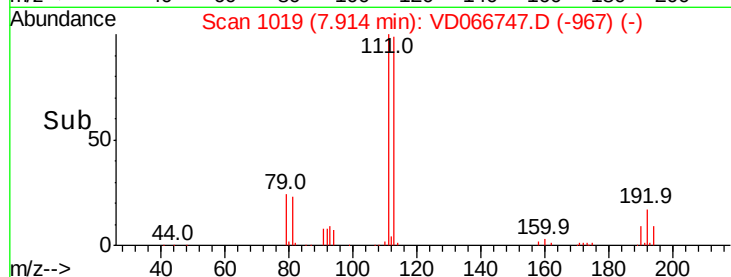
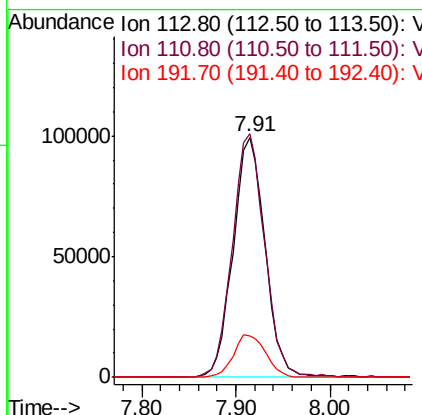
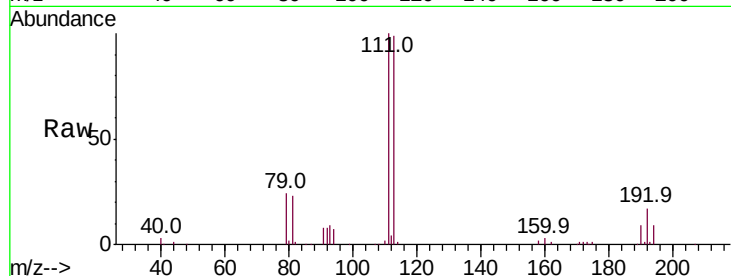




#35
 Dibromofluoromethane
 Concen: 55.122 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066747.D
 Acq: 17 Sep 2020 16:28

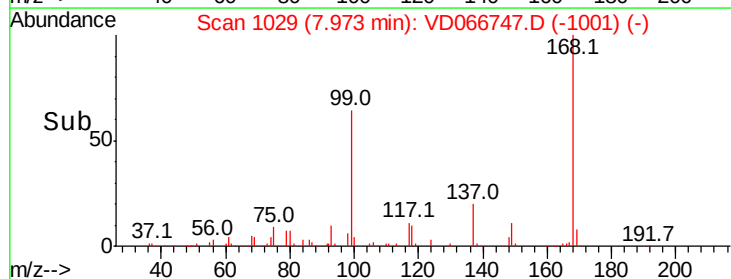
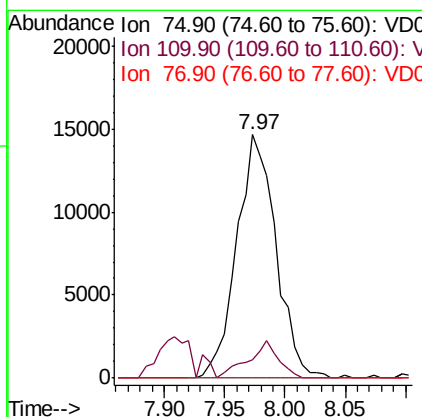
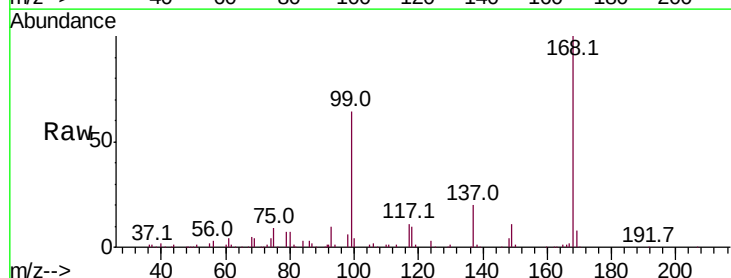
Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-CF-2

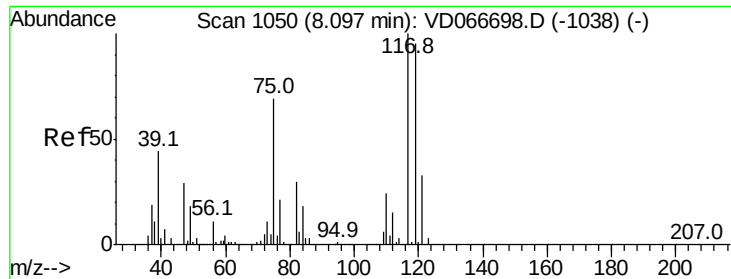
Tot Ion:113 Resp: 234464
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.2 124.8
 192 18.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.665 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066747.D
 Acq: 17 Sep 2020 16:28

Tgt Ion: 75 Resp: 33272
 Ion Ratio Lower Upper
 75 100
 110 11.9 17.1 51.2#
 77 0.0 25.0 37.6#

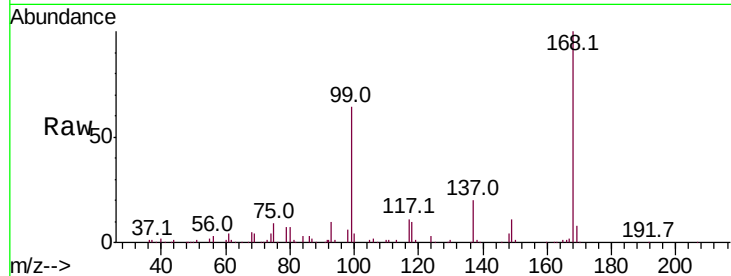




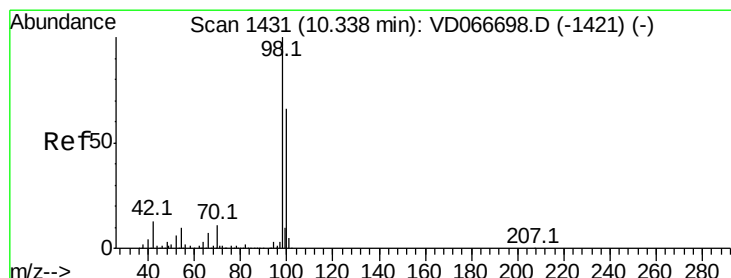
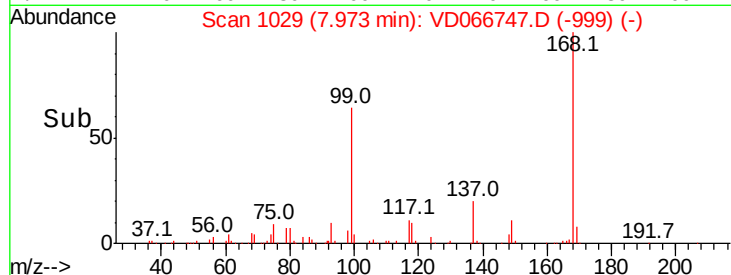
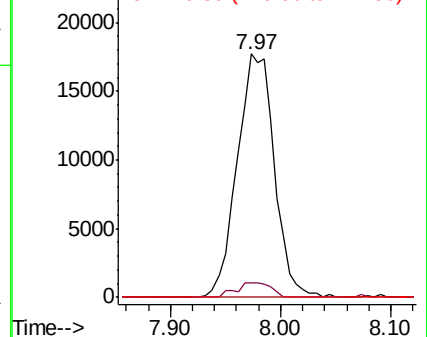
#38
Carbon Tetrachloride
Concen: 5.514 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
EROC-CF-2

Tot Ion:117 Resp: 41770
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 26.2 39.4#

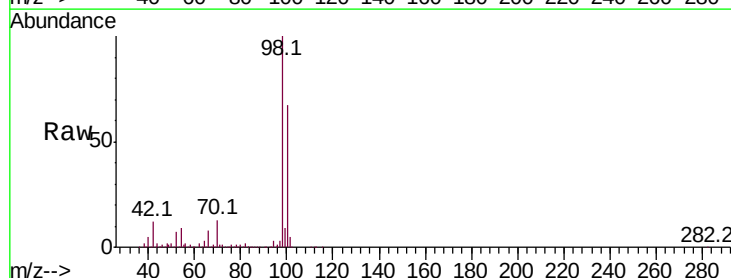


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

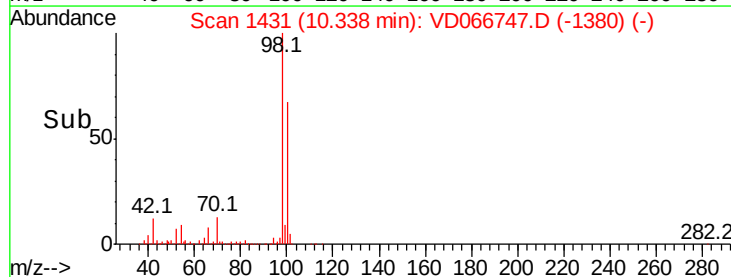
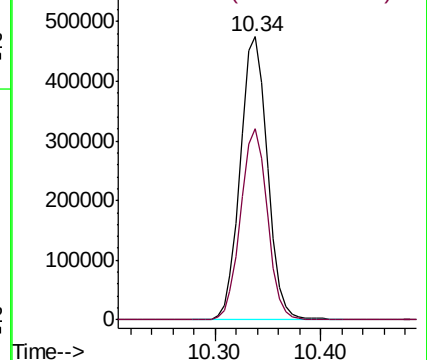


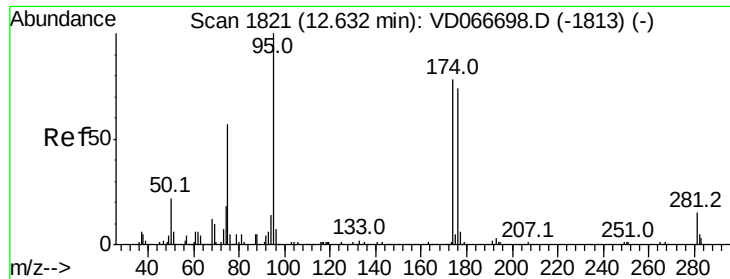
#50
Toluene-d8
Concen: 55.908 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

Tgt Ion: 98 Resp: 847245
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1



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

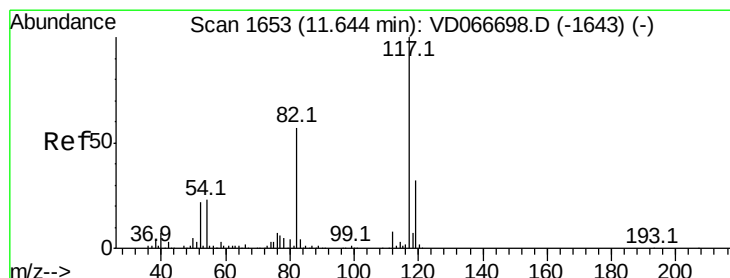
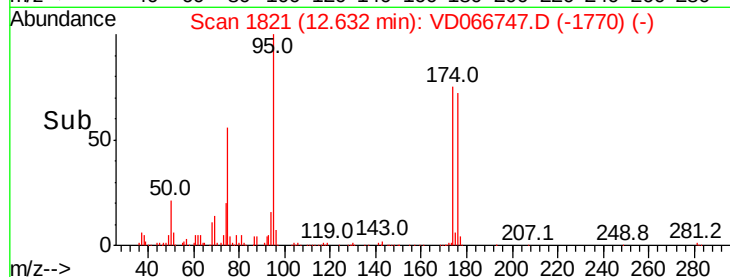
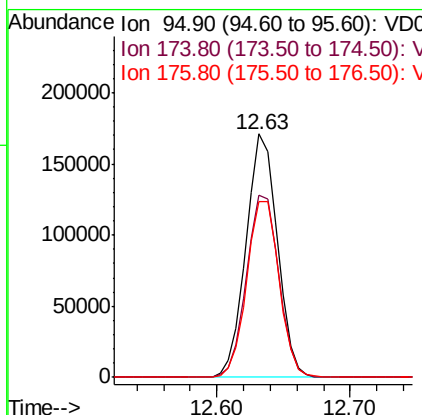
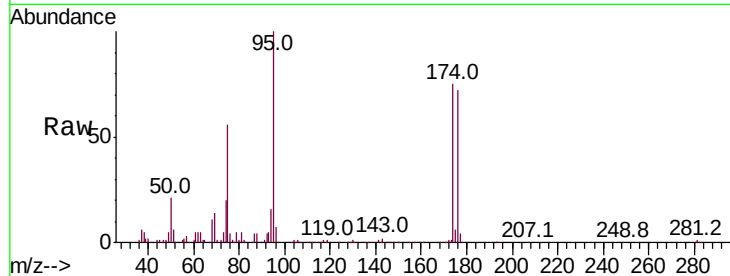




#62
4-Bromofluorobenzene
Concen: 52.957 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

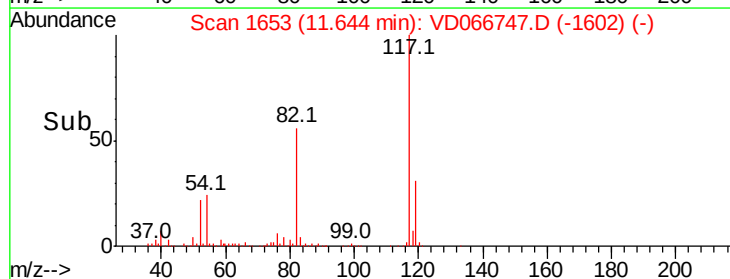
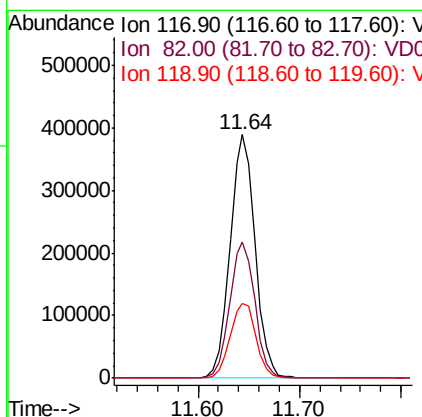
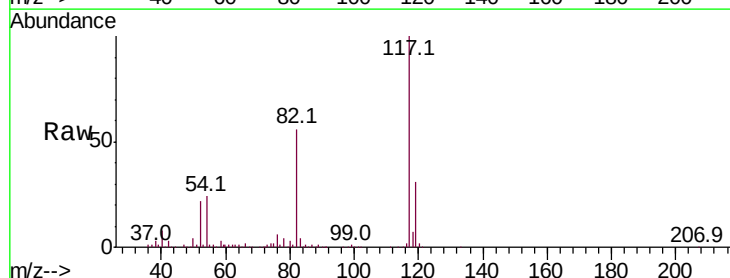
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MSVOA_D
ClientSampleId :
EROC-CF-2

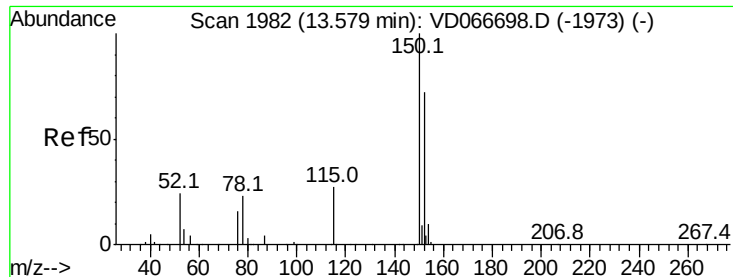
Tot Ion: 95 Resp: 277021
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.6
176 74.7 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

Tgt Ion: 117 Resp: 662140
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 30.7 25.8 38.6



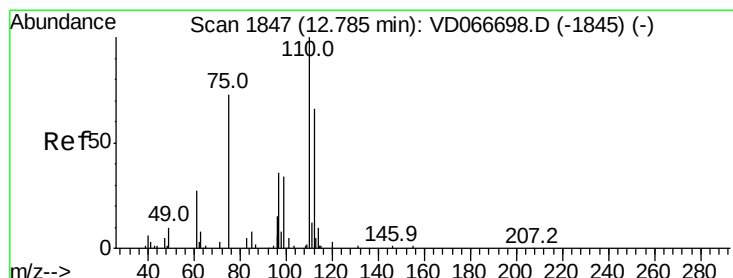
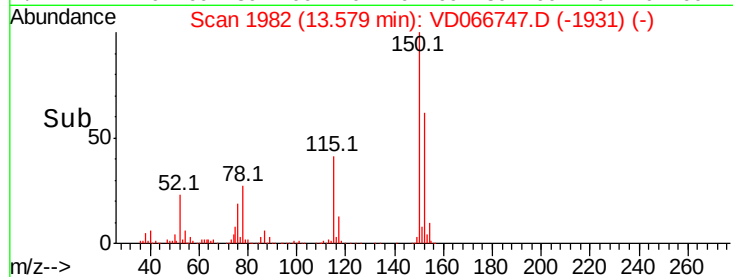
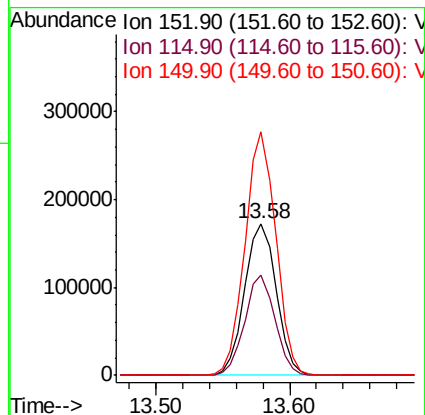
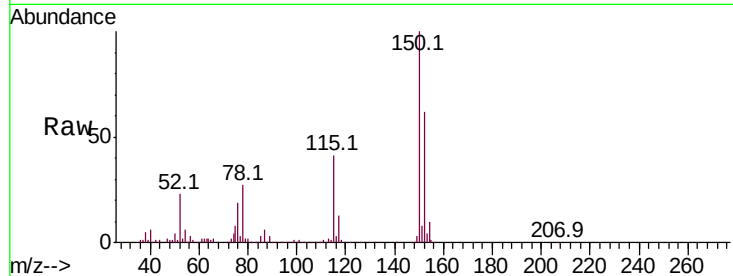


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
EROC-CF-2

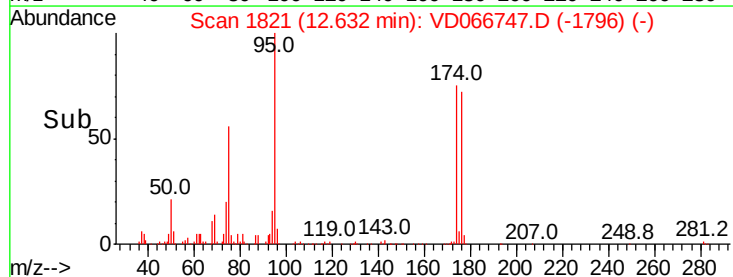
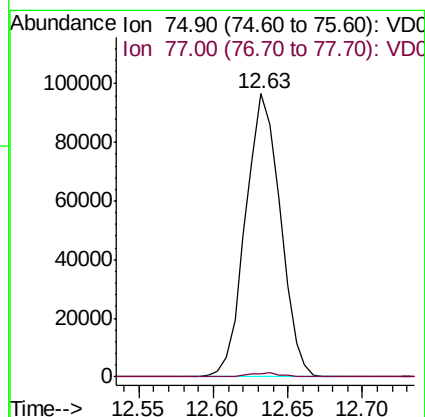
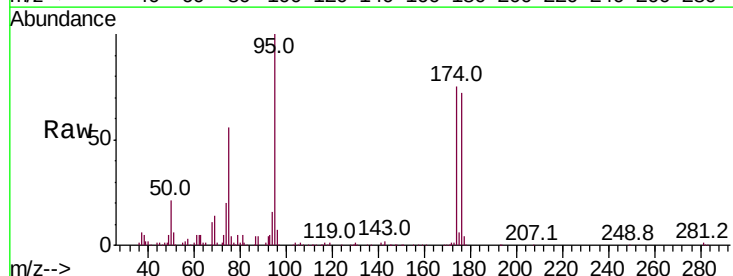
Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	30.5	91.5
150	156.4	0.0	344.6

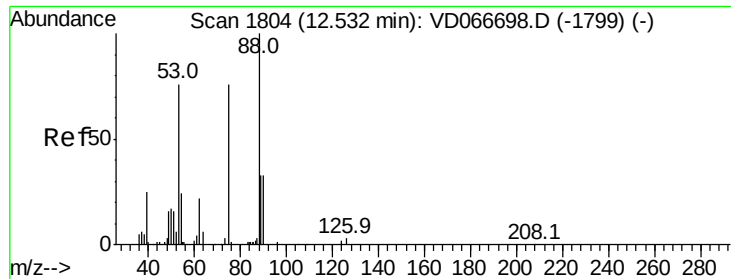


#76

1,2,3-Trichloropropane
Concen: 64.587 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066747.D
Acq: 17 Sep 2020 16:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 139.390 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066747.D

Acq: 17 Sep 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

EROC-CF-2

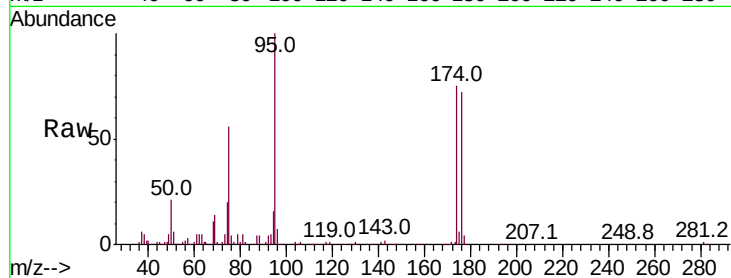
Tot Ion: 75 Resp: 155970

Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

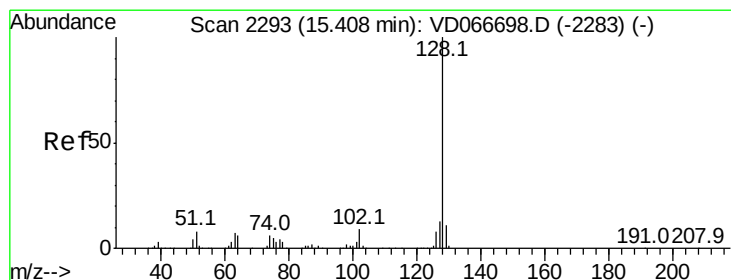
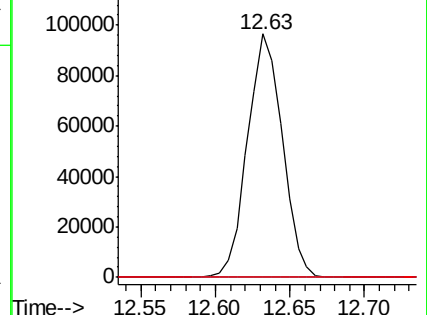
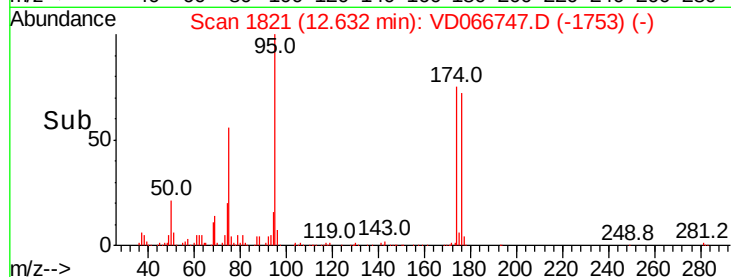
89 0.0 39.6 59.4#



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



#95

Naphthalene

Concen: 1.755 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066747.D

Acq: 17 Sep 2020 16:28

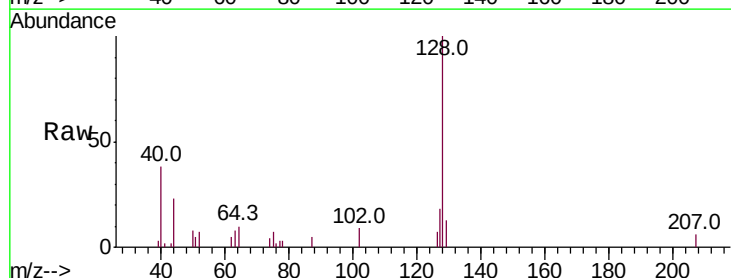
Tgt Ion: 128 Resp: 14799

Ion Ratio Lower Upper

128 100

127 16.9 10.5 15.7#

129 11.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

