

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066748.D
 Acq On : 17 Sep 2020 16:55
 Operator : VA/SY
 Sample : L4062-03
 Misc : 3.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-NI4-1

Quant Time: Sep 18 01:16:24 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	294514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	534829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	530637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	205936	65.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.08%	
35) Dibromofluoromethane	7.91	113	190809	58.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.38%	
50) Toluene-d8	10.34	98	663332	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
62) 4-Bromofluorobenzene	12.63	95	236655	58.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.38%	

Target Compounds

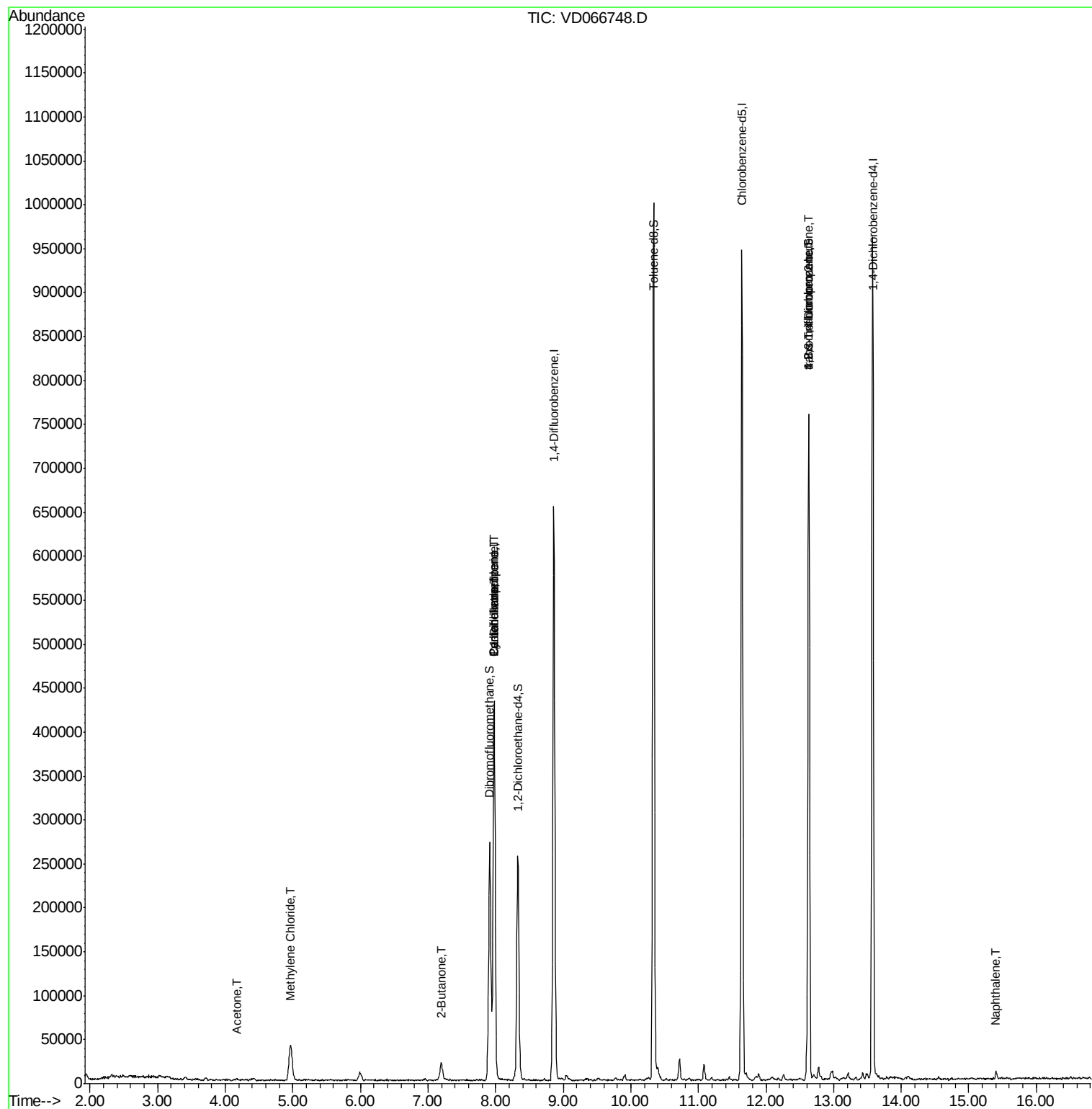
						Qvalue
2) Dichlorodifluoromethane	1.99	85	300	Below Cal	#	43
11) Tert butyl alcohol	5.23	59	263	Below Cal	#	76
16) Acetone	4.17	43	2733	4.271	ug/l	95
18) Methyl Acetate	4.74	43	83	Below Cal	#	52
20) Methylene Chloride	4.96	84	31788	2.204	ug/l	87
25) 2-Butanone	7.19	43	1488	1.786	ug/l #	49
31) Cyclohexane	7.98	56	8614	1.552	ug/l #	6
36) 1,1-Dichloropropene	7.98	75	26910	4.894	ug/l #	48
38) Carbon Tetrachloride	7.97	117	34656	5.935	ug/l #	20
76) 1,2,3-Trichloropropane	12.63	75	132744	64.252	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	132744	138.668	ug/l #	9
95) Naphthalene	15.40	128	8089	1.121	ug/l	98

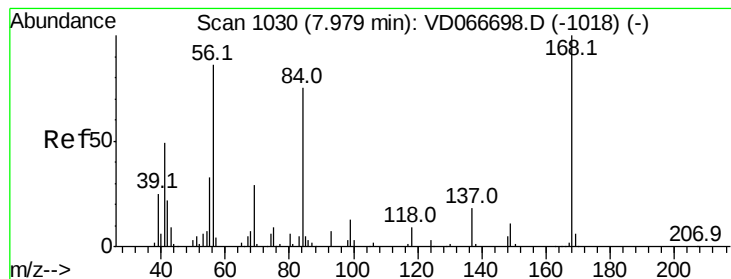
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
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Quant Time: Sep 18 01:16:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
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: VD066748.D

Acq: 17 Sep 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

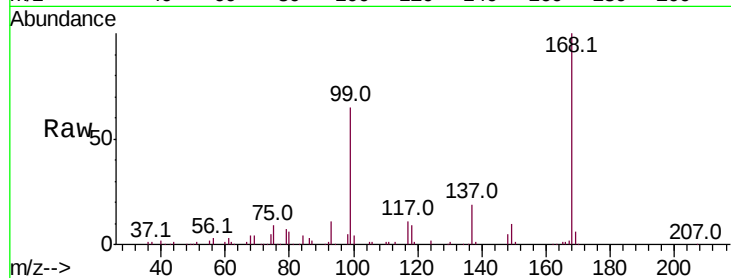
EROC-NI4-1

Tot Ion:168 Resp: 294514

Ion Ratio Lower Upper

168 100

99 64.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

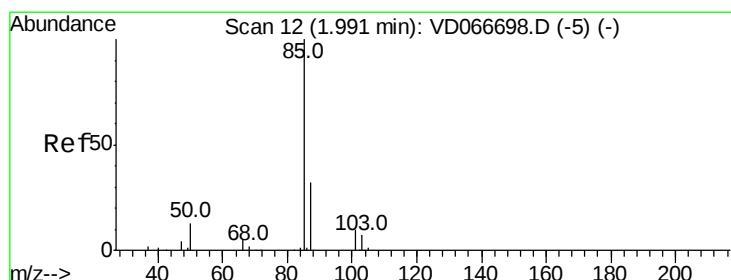
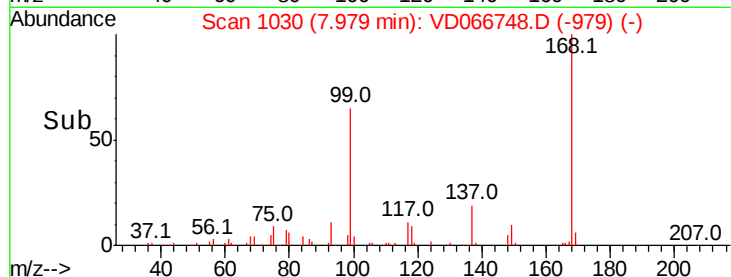
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066748.D

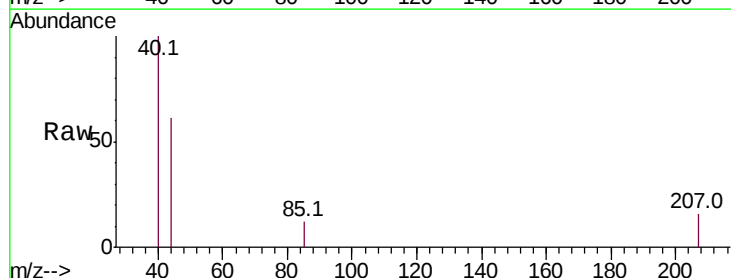
Acq: 17 Sep 2020 16:55

Tgt Ion: 85 Resp: 300

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.99

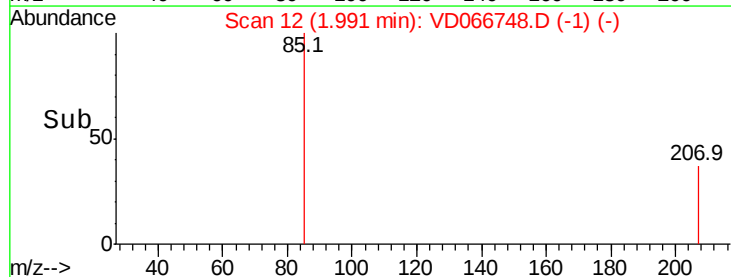
300

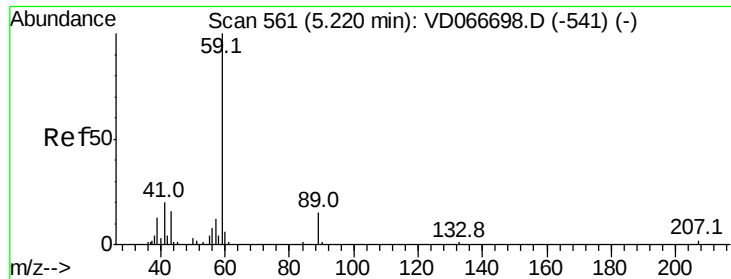
200

100

0

Time-->

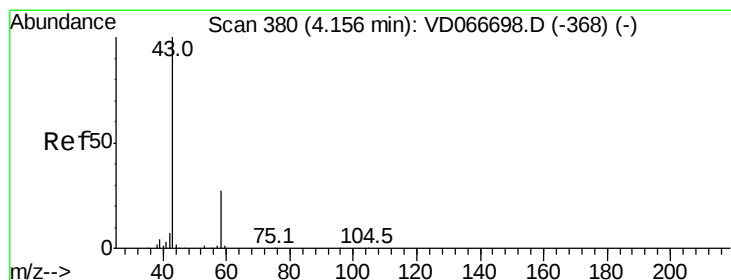
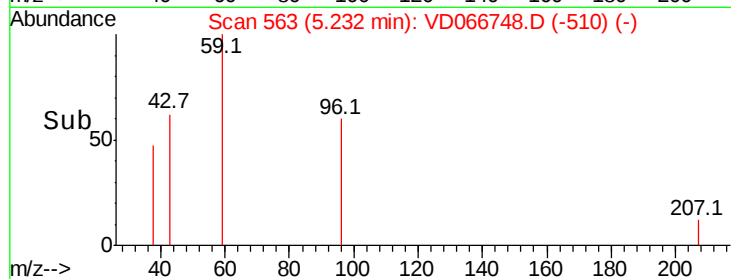
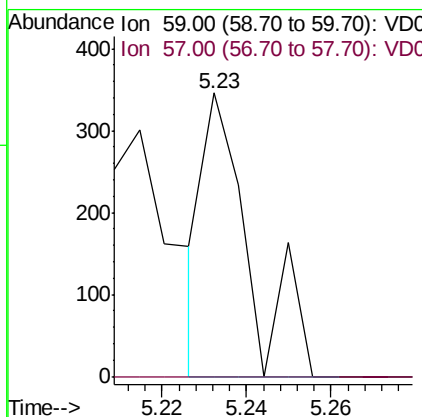
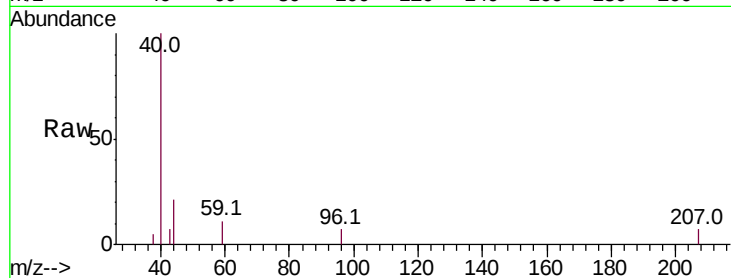




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

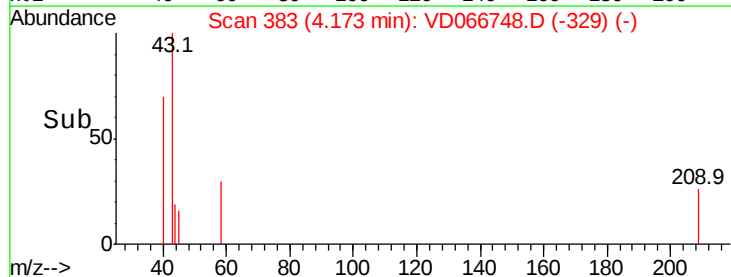
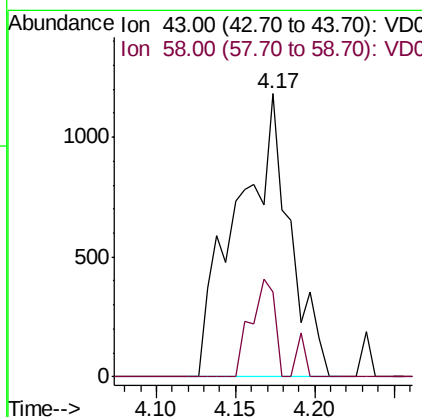
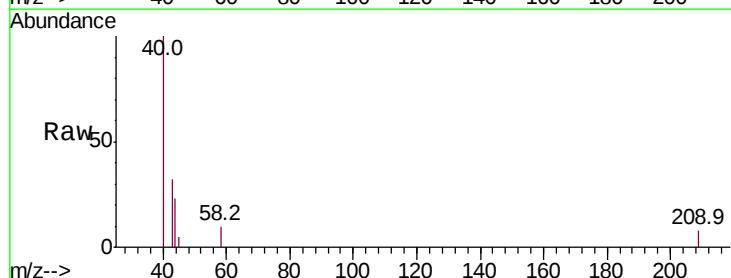
Instrument :
MSVOA_D
ClientSampleId :
EROC-NI4-1

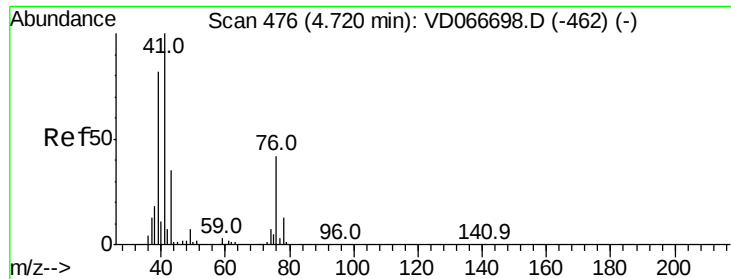
Tot Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#



#16
Acetone
Concen: 4.271 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.02 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

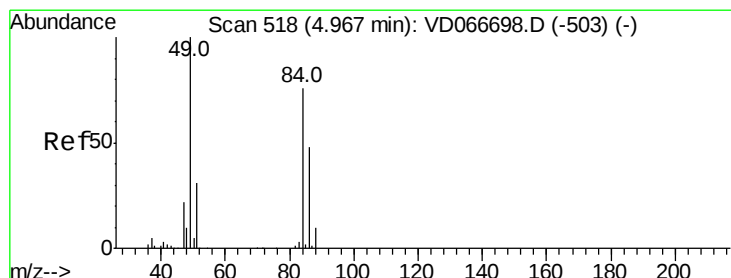
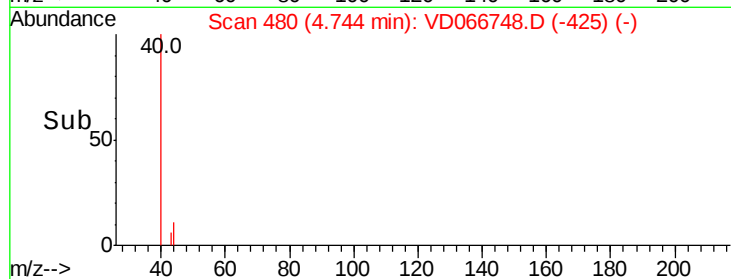
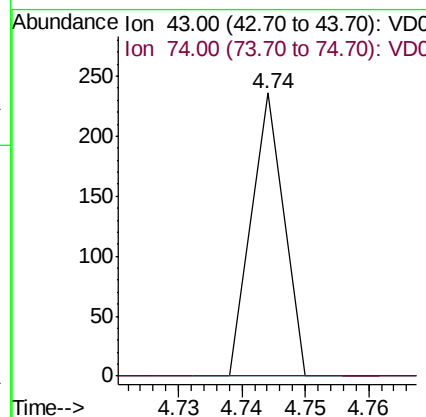
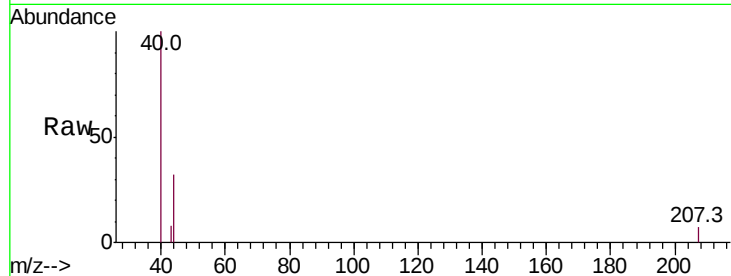




#18
Methyl Acetate
Concen: Below Cal
RT: 4.74 min Scan# 480
Delta R.T. 0.02 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

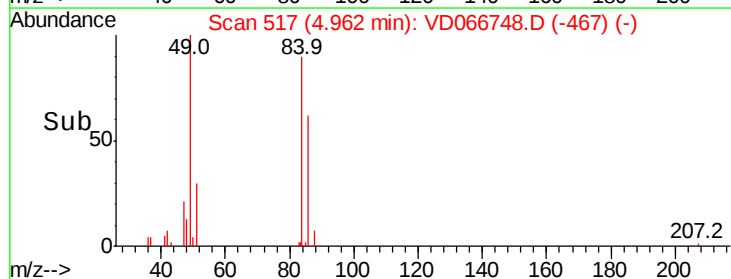
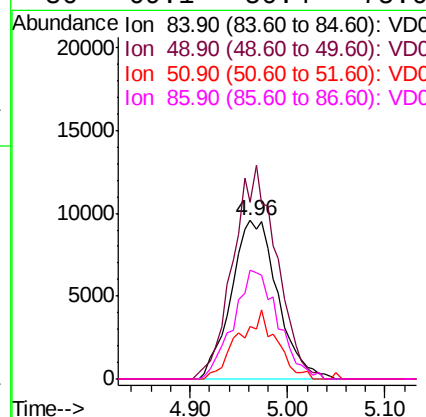
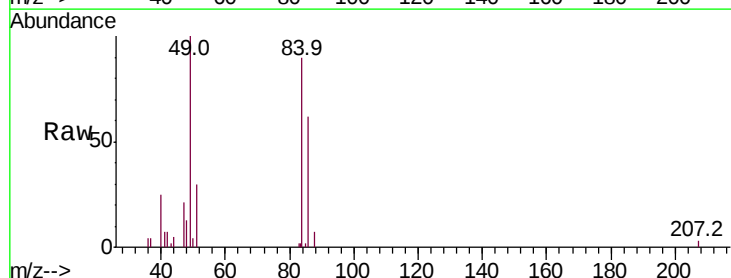
Instrument :
MSVOA_D
ClientSampled :
EROC-NI4-1

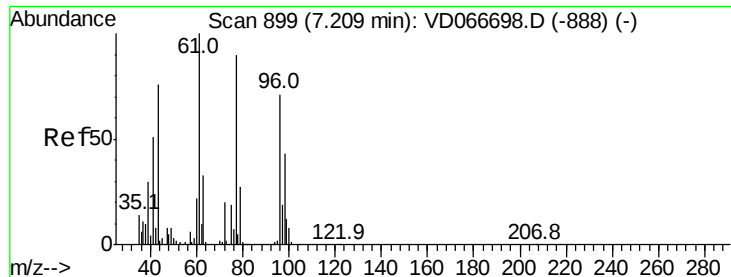
Tot Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: 2.204 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion: 84 Resp: 31788
Ion Ratio Lower Upper
84 100
49 111.7 105.0 157.6
51 33.4 32.2 48.4
86 69.1 50.4 75.6

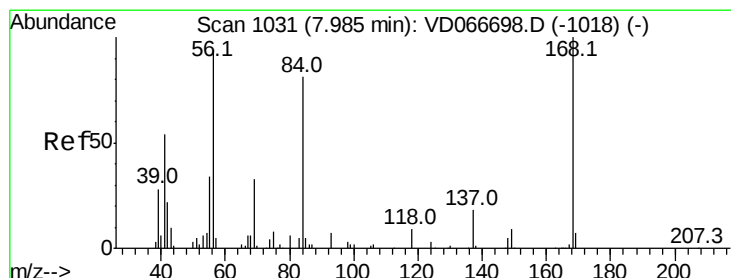
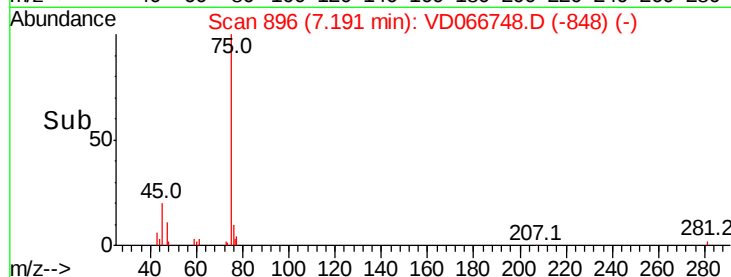
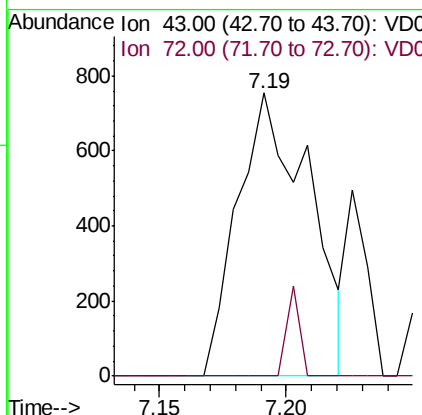
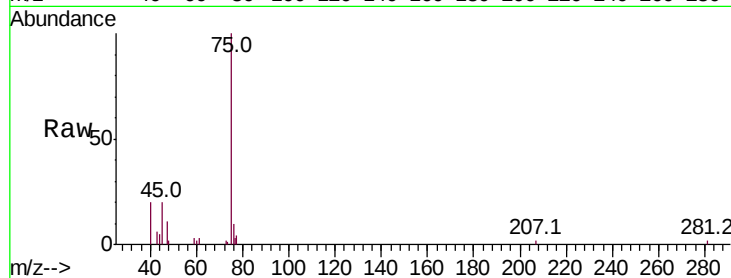




#25
2-Butanone
Concen: 1.786 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

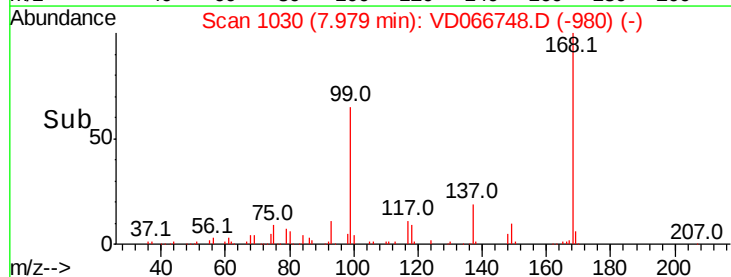
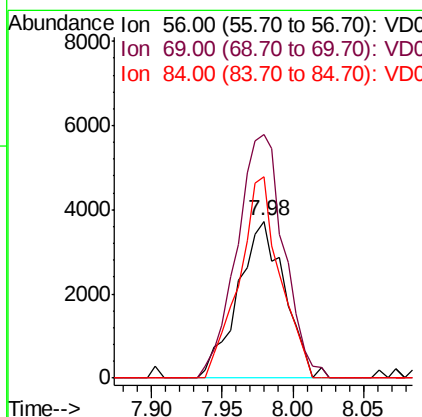
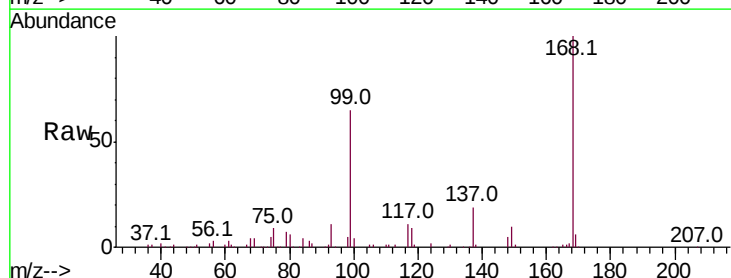
Instrument :
MSVOA_D
ClientSampleId :
EROC-NI4-1

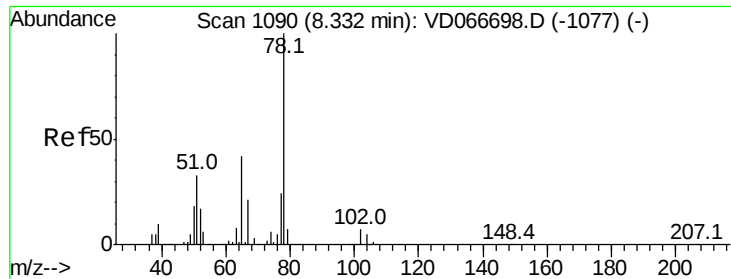
Tot Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.552 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion: 56 Resp: 8614
Ion Ratio Lower Upper
56 100
69 155.5 27.7 41.5#
84 128.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 65.537 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066748.D

Acq: 17 Sep 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

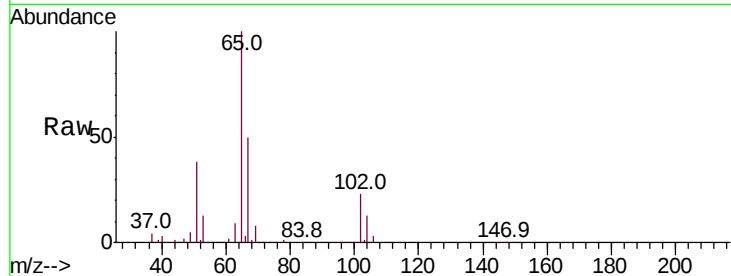
EROC-NI4-1

Tot Ion: 65 Resp: 205936

Ion Ratio Lower Upper

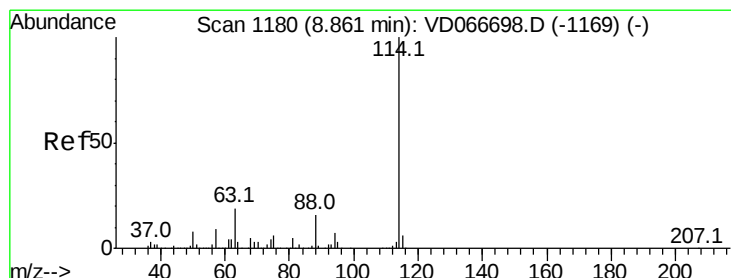
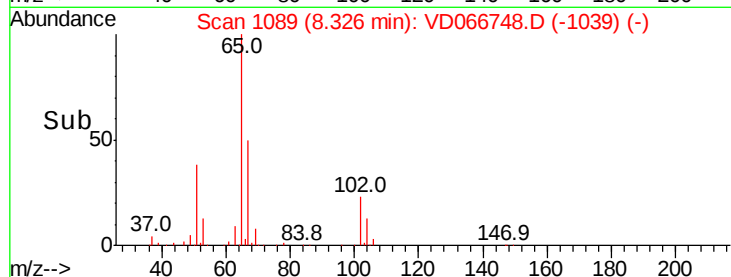
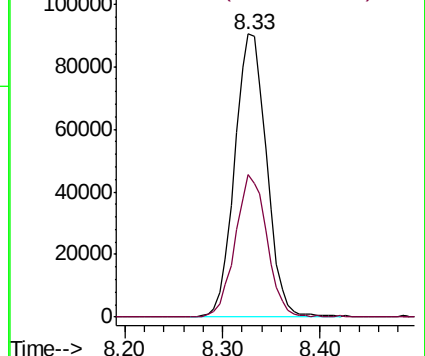
65 100

67 50.0 0.0 102.2



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066748.D

Acq: 17 Sep 2020 16:55

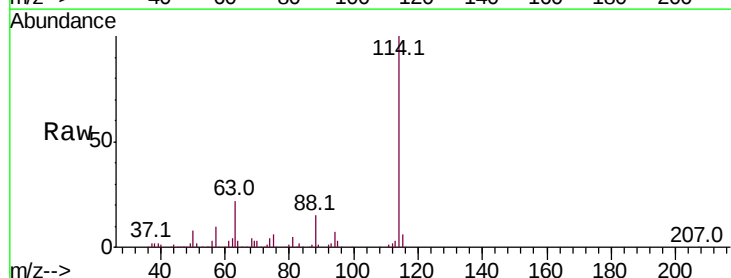
Tgt Ion: 114 Resp: 534829

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.6

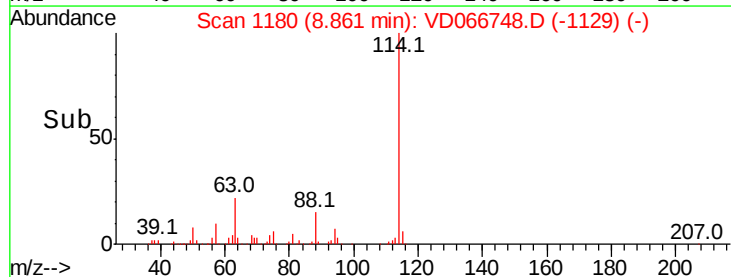
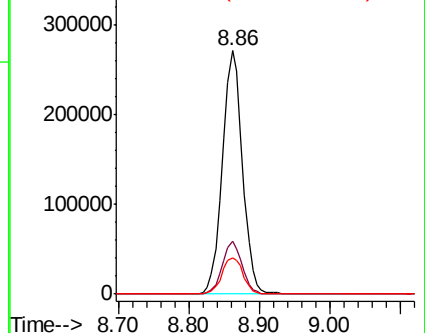
88 15.1 0.0 32.2

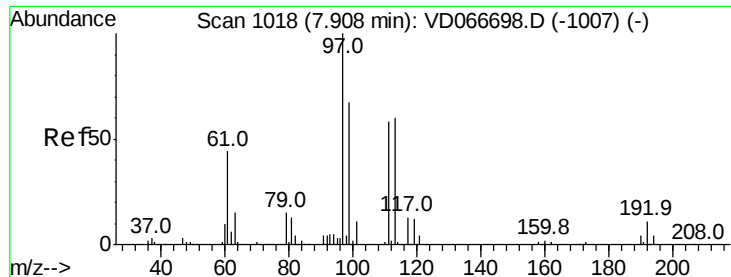


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

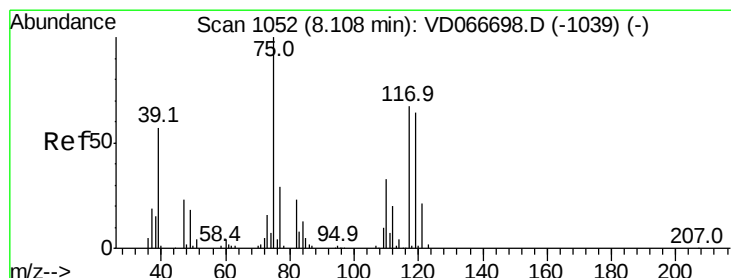
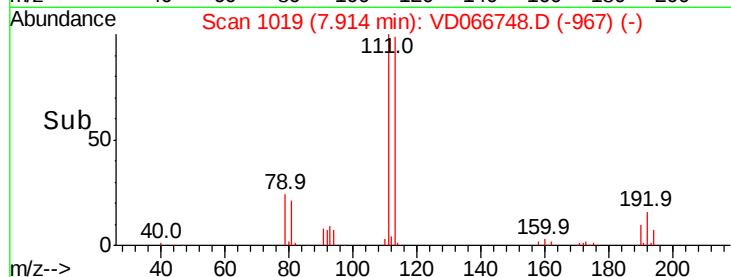
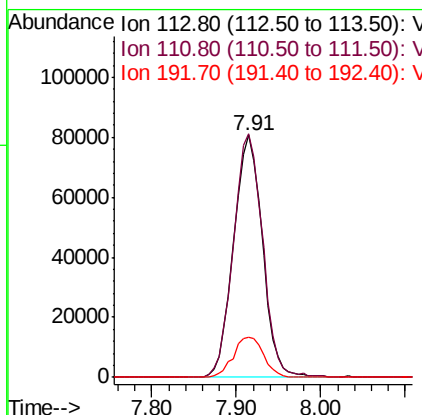
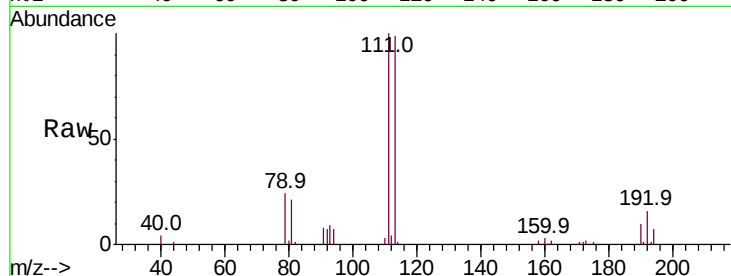




#35
 Dibromofluoromethane
 Concen: 58.191 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066748.D
 Acq: 17 Sep 2020 16:55

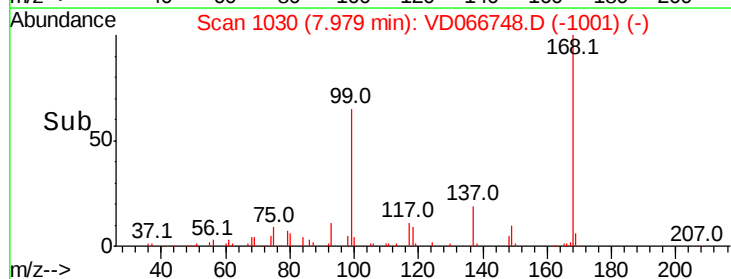
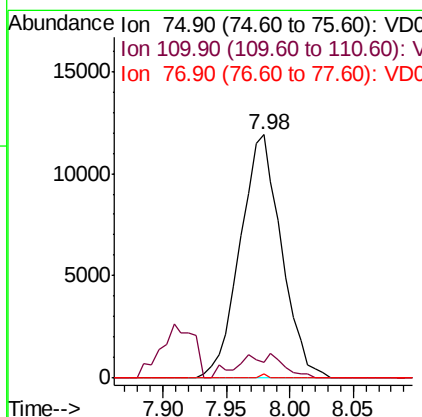
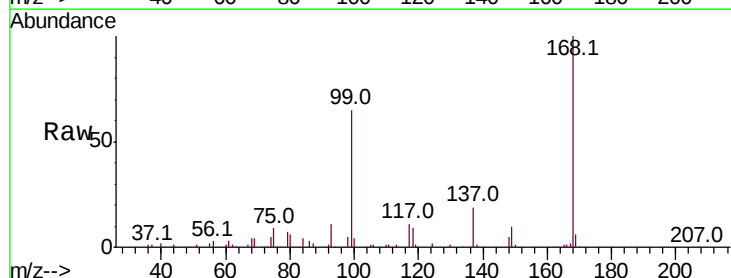
Instrument :
 MSVOA_D
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 EROC-NI4-1

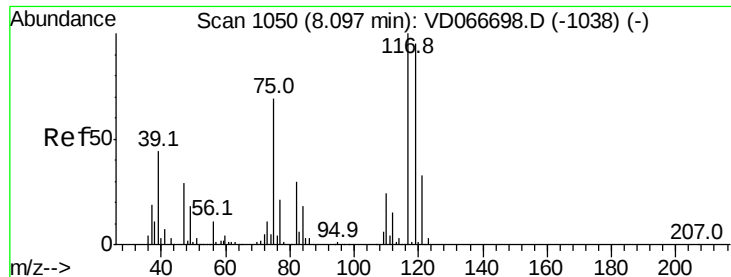
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	17.3	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 4.894 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066748.D
 Acq: 17 Sep 2020 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	17.1	51.2#
77	0.2	25.0	37.6#

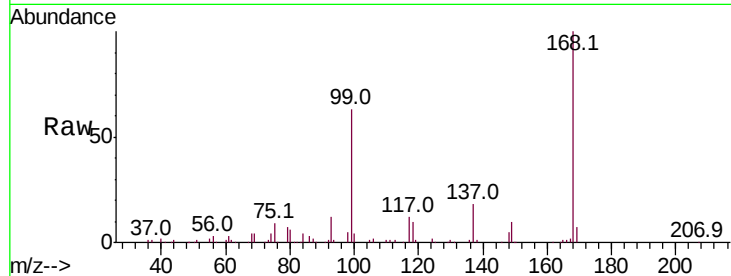




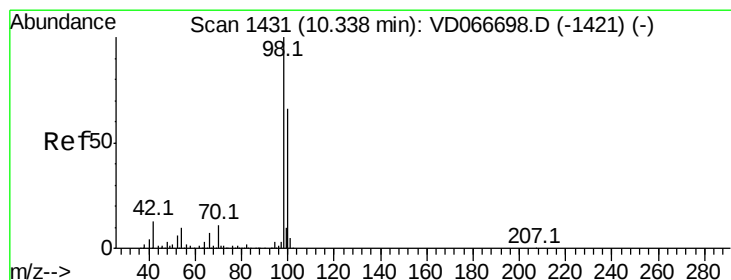
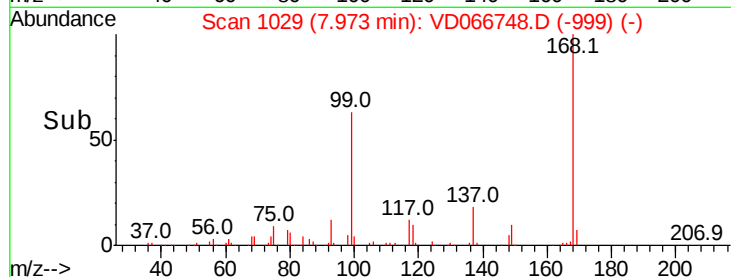
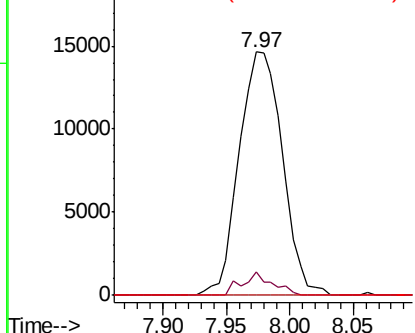
#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Instrument :
MSVOA_D
ClientSampleId :
EROC-NI4-1

Tot Ion:117 Resp: 34656
Ion Ratio Lower Upper
117 100
119 9.7 75.8 113.6#
121 0.0 26.2 39.4#

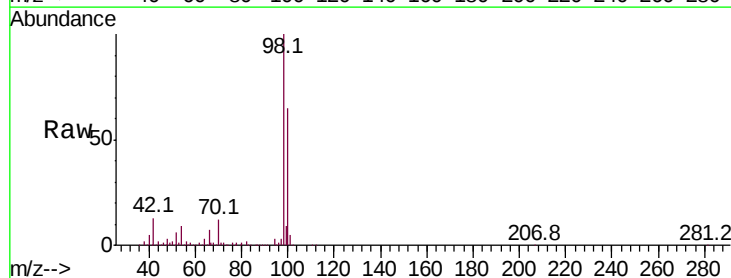


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

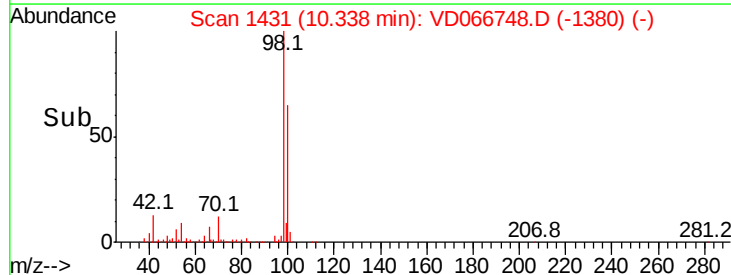
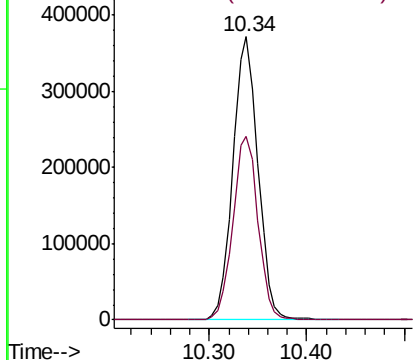


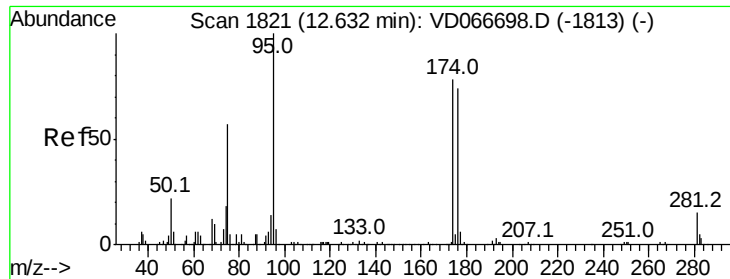
#50
Toluene-d8
Concen: 56.781 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion: 98 Resp: 663332
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



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

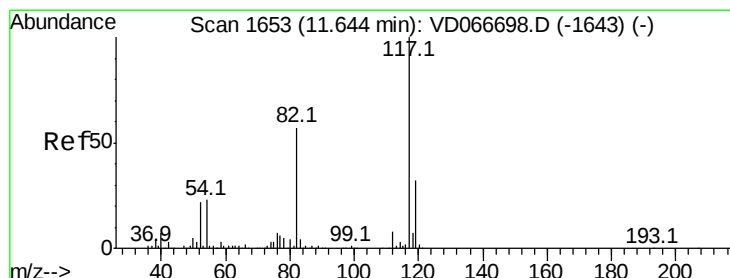
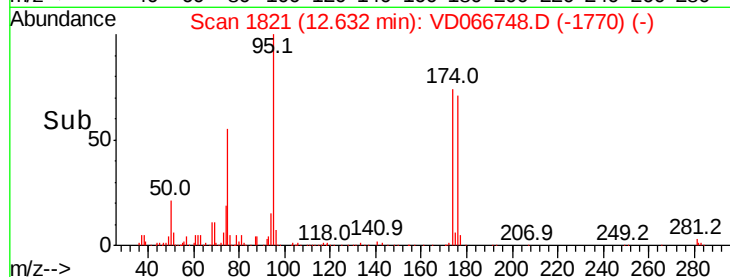
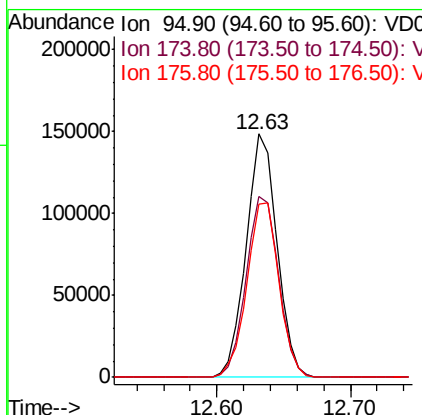
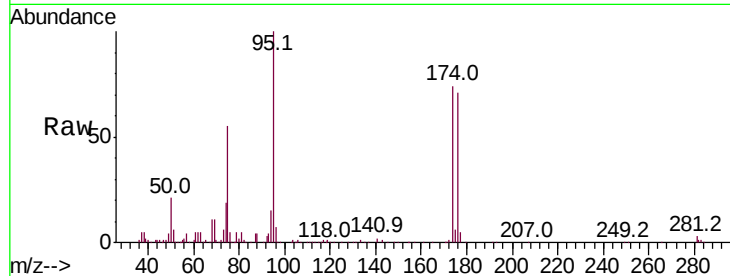




#62
4-Bromofluorobenzene
Concen: 58.686 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

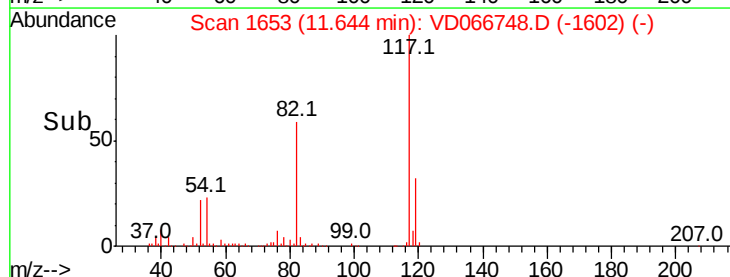
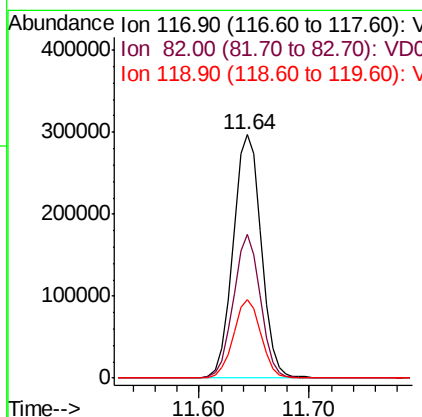
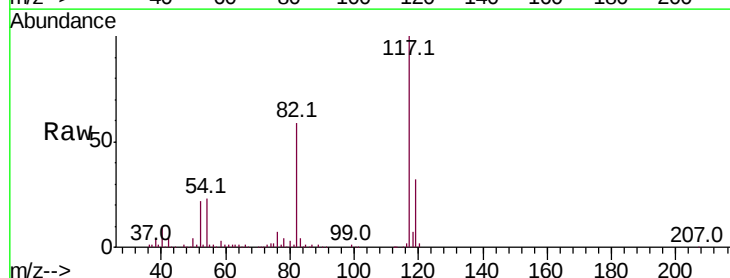
Instrument :
MSVOA_D
ClientSampleId :
EROC-NI4-1

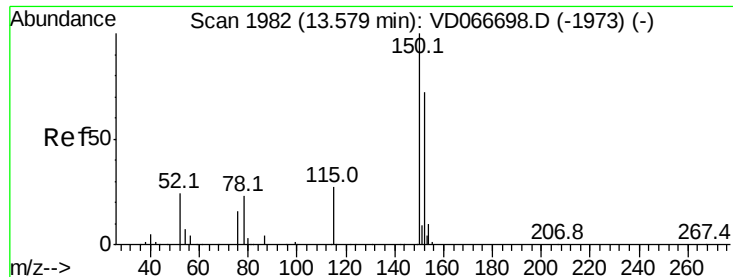
Tot Ion: 95 Resp: 236655
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.6
176 74.5 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion: 117 Resp: 530637
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.0
119 32.1 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: VD066748.D

Acq: 17 Sep 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

EROC-NI4-1

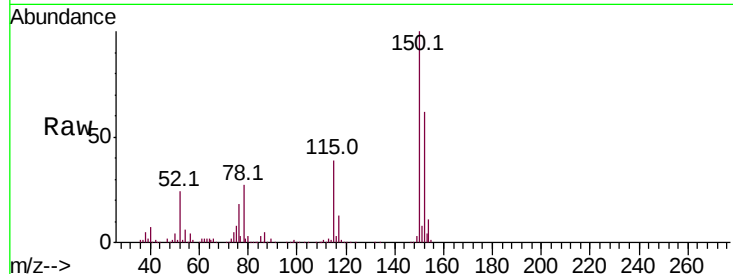
Tot Ion:152 Resp: 241364

Ion Ratio Lower Upper

152 100

115 61.9 30.5 91.5

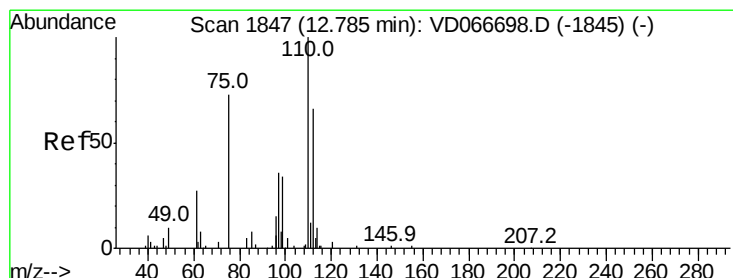
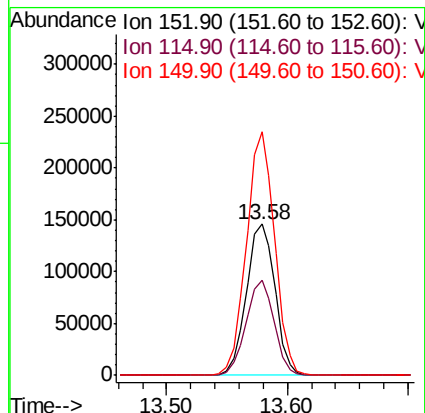
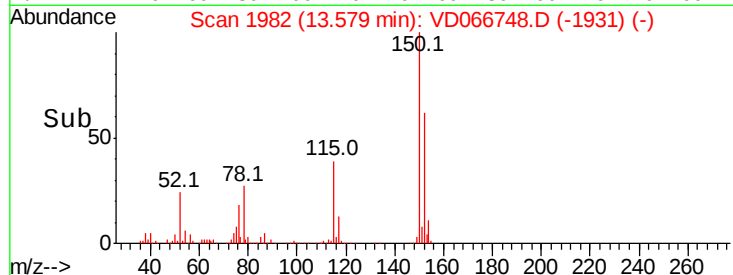
150 158.5 0.0 344.6



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: 64.252 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066748.D

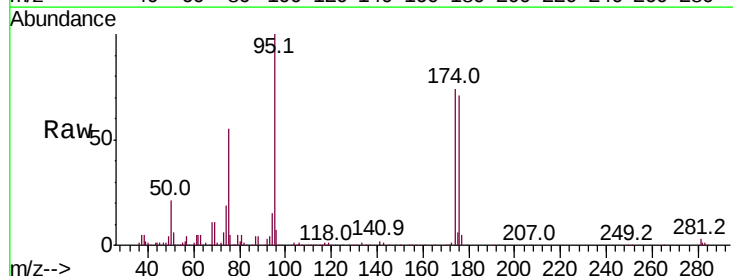
Acq: 17 Sep 2020 16:55

Tgt Ion: 75 Resp: 132744

Ion Ratio Lower Upper

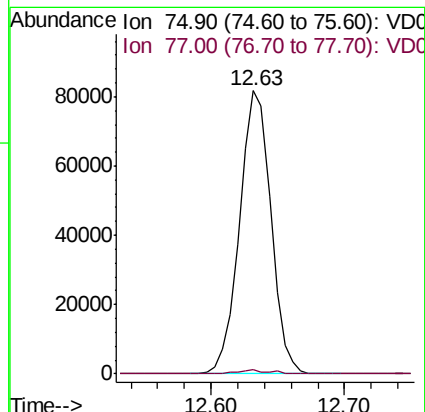
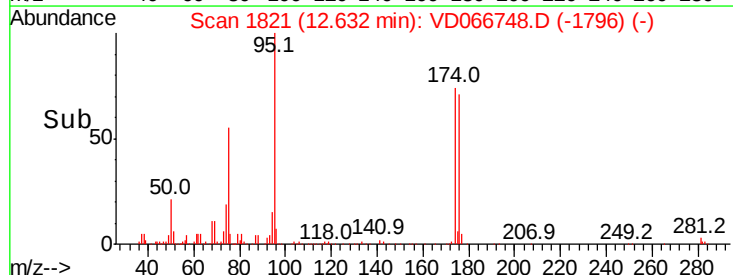
75 100

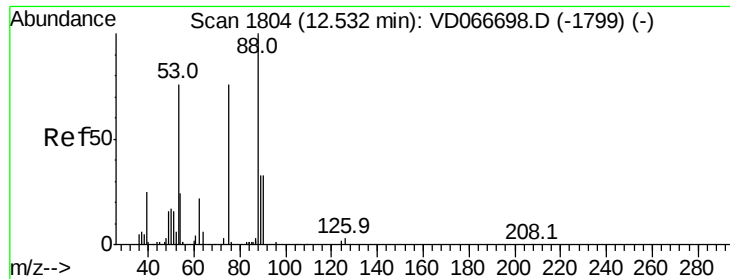
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 138.668 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066748.D

Acq: 17 Sep 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

EROC-NI4-1

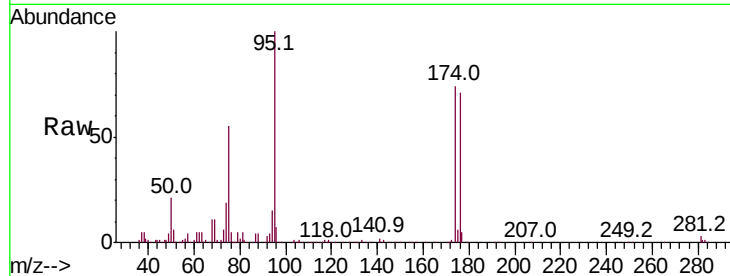
Tot Ion: 75 Resp: 132744

Ion Ratio Lower Upper

75 100

53 0.9 82.2 123.4#

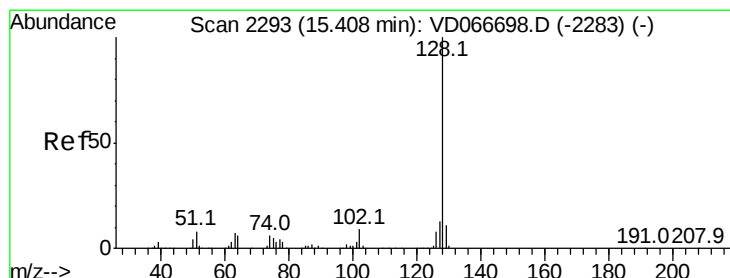
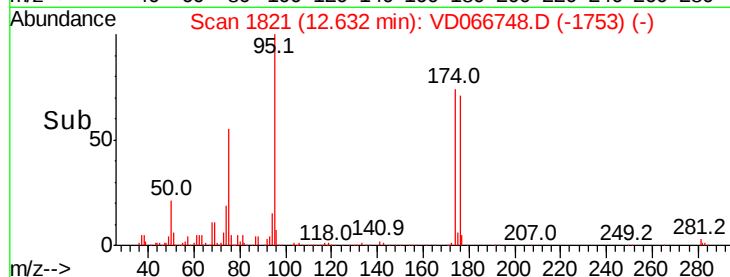
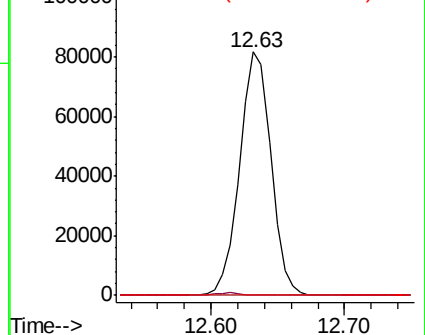
89 0.0 39.6 59.4#



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: 1.121 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066748.D

Acq: 17 Sep 2020 16:55

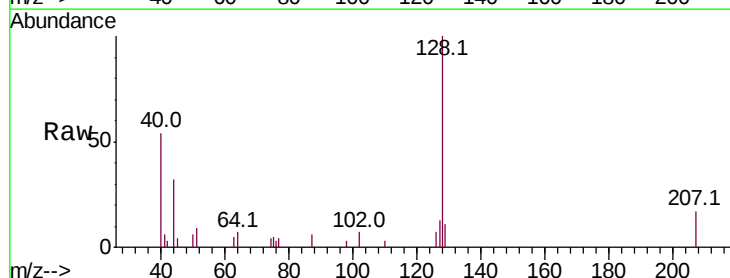
Tgt Ion:128 Resp: 8089

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 10.3 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

