

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066379.D
 Acq On : 24 Aug 2020 14:19
 Operator : VA/SY
 Sample : L3734-07RE
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-BF-1F

Quant Time: Aug 25 02:41:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	191237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	292002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	275713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145020	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	105066	56.04	ug/l	0.00
Spiked Amount			Recovery	=	112.08%	
35) Dibromofluoromethane	7.91	113	56726	31.07	ug/l	0.00
Spiked Amount			Recovery	=	62.14%	
50) Toluene-d8	10.34	98	342131	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.63	95	125200	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	

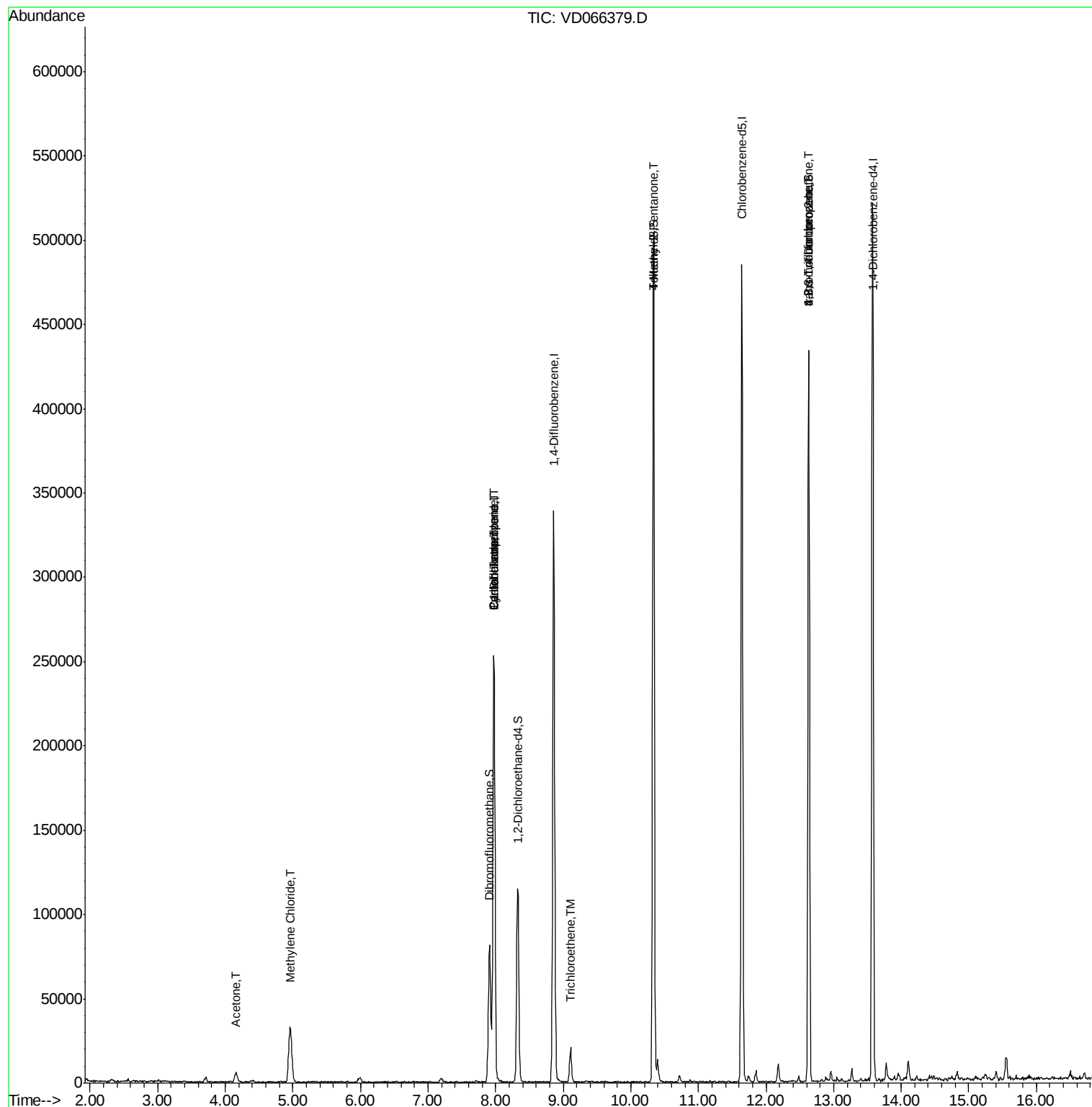
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	92	Below Cal	#	71
16) Acetone	4.16	43	10121	29.943	ug/l #	72
20) Methylene Chloride	4.96	84	26049	9.262	ug/l	93
31) Cyclohexane	7.97	56	3606	1.385	ug/l #	28
36) 1,1-Dichloropropene	7.97	75	13544	5.083	ug/l #	52
38) Carbon Tetrachloride	7.98	117	19415	5.593	ug/l #	16
44) Trichloroethene	9.11	130	7857	3.450	ug/l	95
51) 4-Methyl-2-Pentanone	10.33	43	1332	1.514	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	71184	69.773	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	71184	148.106	ug/l #	6

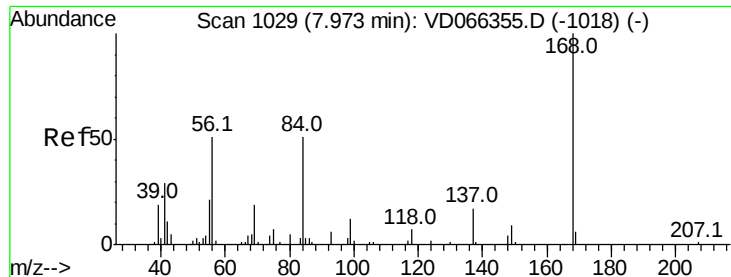
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
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Acq On : 24 Aug 2020 14:19
Operator : VA/SY
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Quant Time: Aug 25 02:41:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

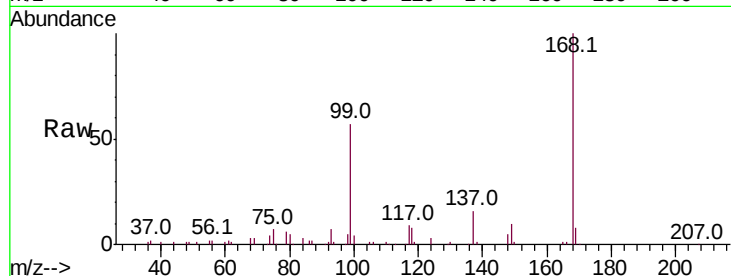
EROC-BF-1F

Tot Ion:168 Resp: 191237

Ion Ratio Lower Upper

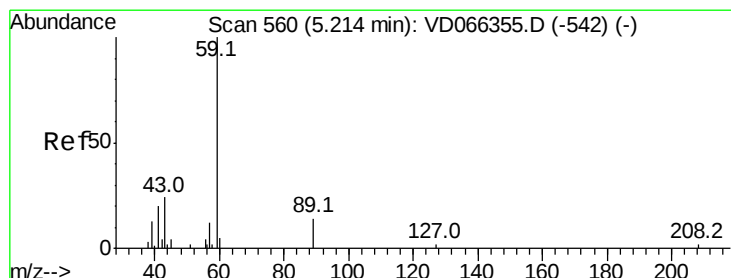
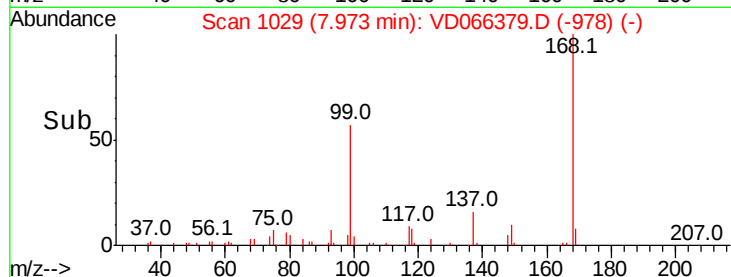
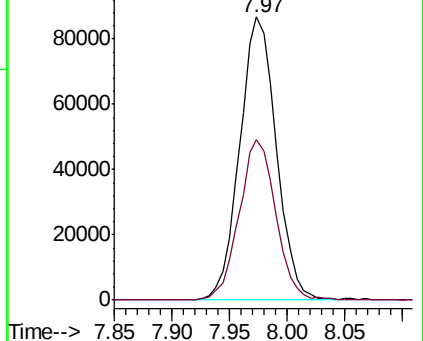
168 100

99 56.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066379.D

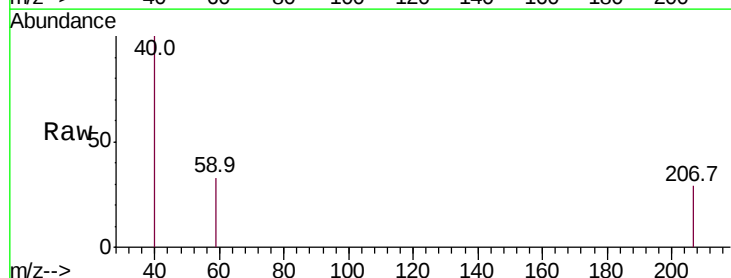
Acq: 24 Aug 2020 14:19

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

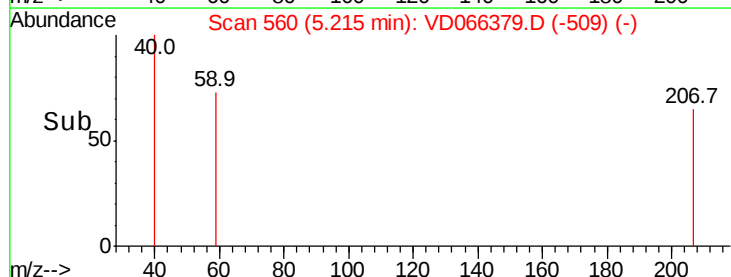
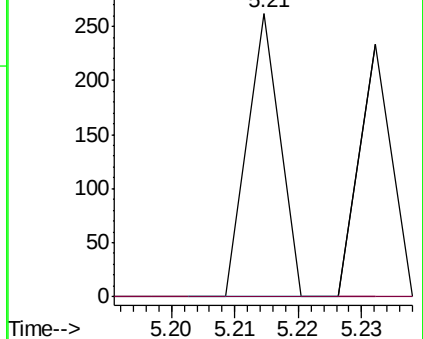
59 100

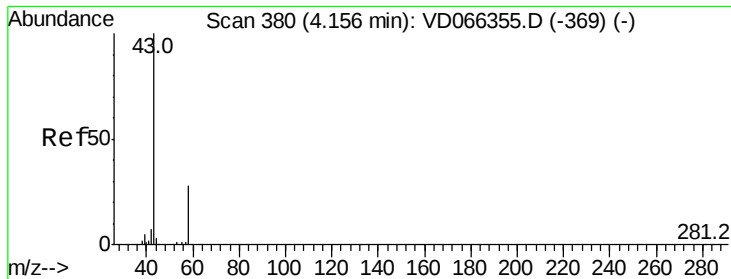
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 29.943 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

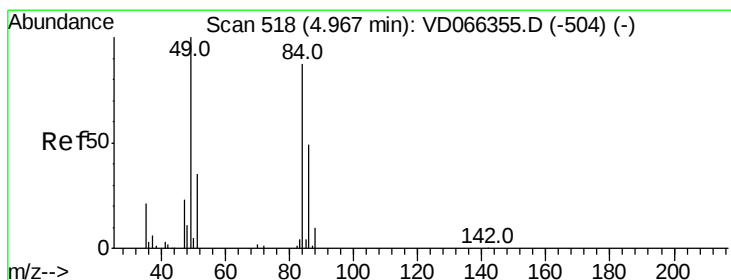
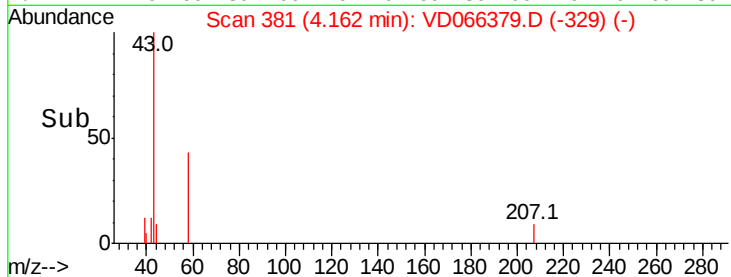
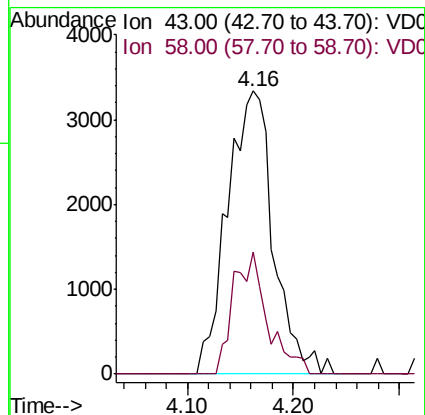
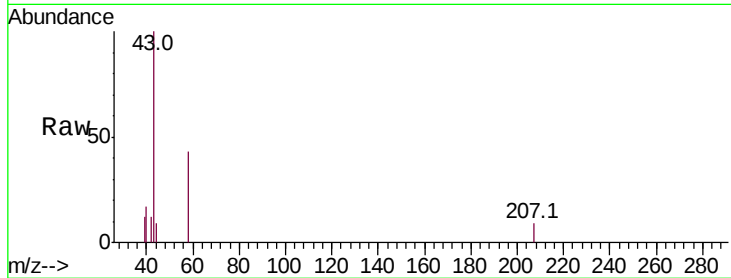
EROC-BF-1F

Tot Ion: 43 Resp: 10121

Ion Ratio Lower Upper

43 100

58 43.1 22.7 34.1#



#20

Methylene Chloride

Concen: 9.262 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Tgt Ion: 84 Resp: 26049

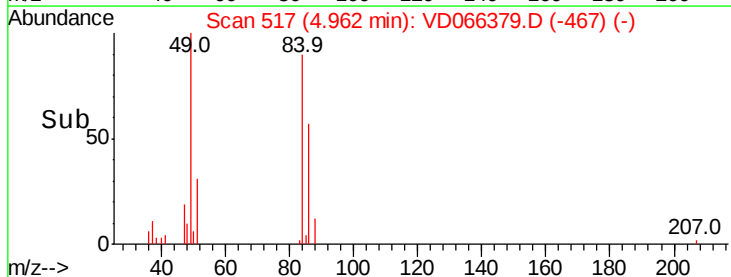
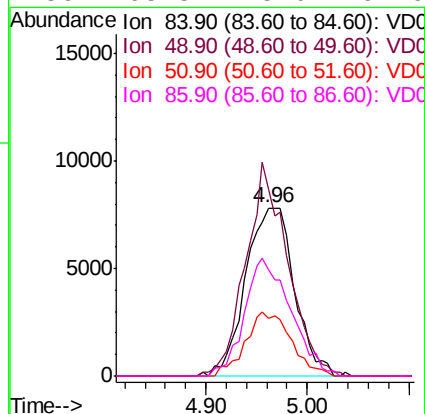
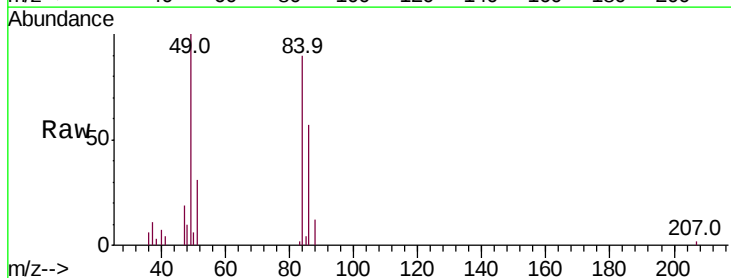
Ion Ratio Lower Upper

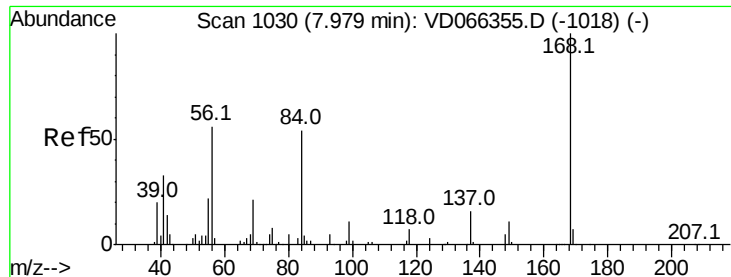
84 100

49 111.1 92.5 138.7

51 34.1 32.5 48.7

86 63.5 45.0 67.6





#31

Cyclohexane

Concen: 1.385 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1F

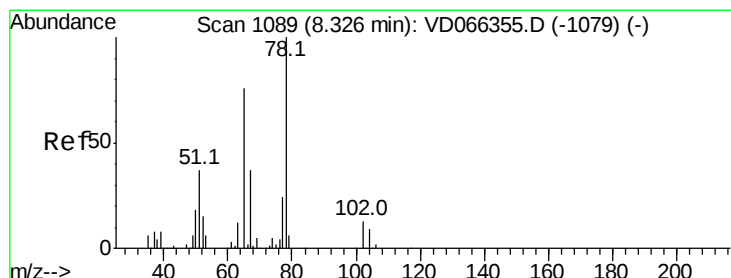
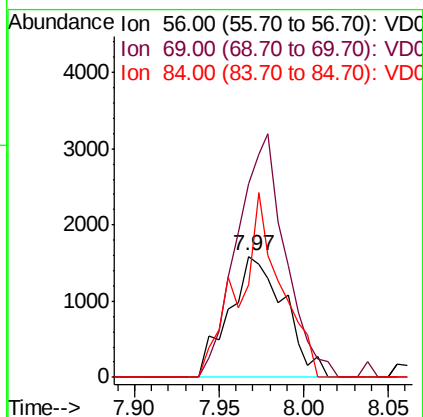
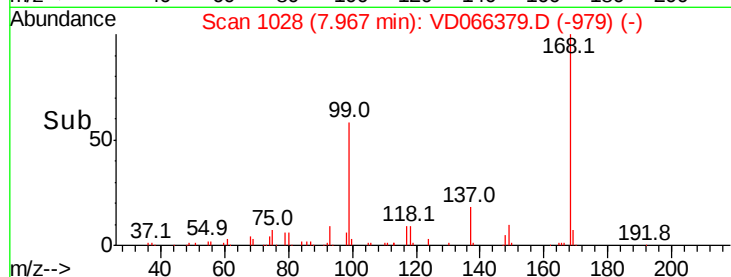
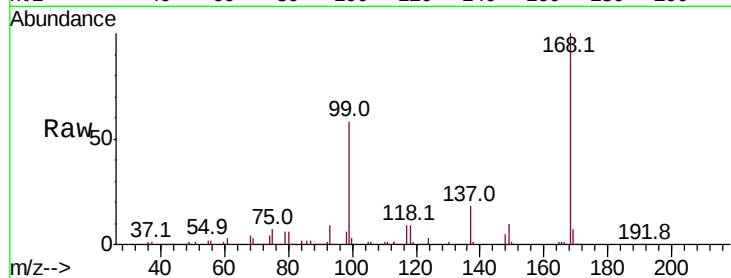
Tot Ion: 56 Resp: 3606

Ion Ratio Lower Upper

56 100

69 160.1 29.6 44.4#

84 76.5 76.6 115.0#



#33

1,2-Dichloroethane-d4

Concen: 56.039 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066379.D

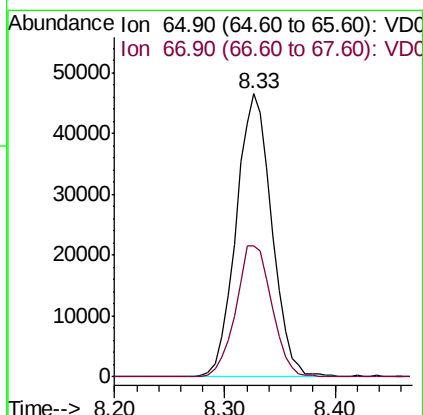
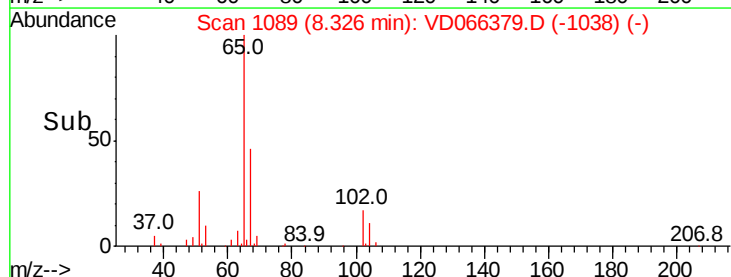
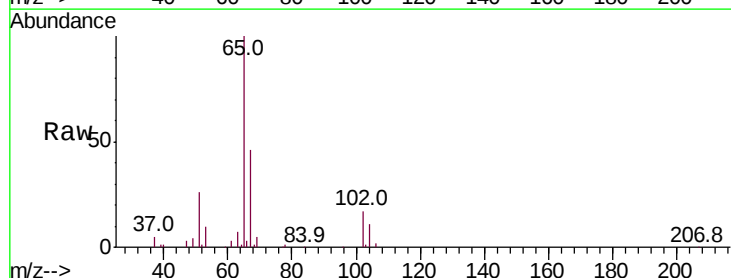
Acq: 24 Aug 2020 14:19

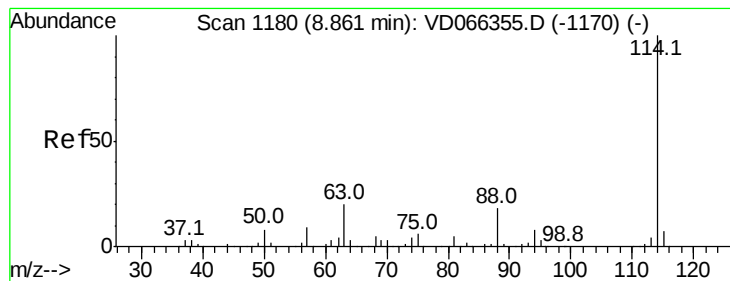
Tgt Ion: 65 Resp: 105066

Ion Ratio Lower Upper

65 100

67 47.0 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1F

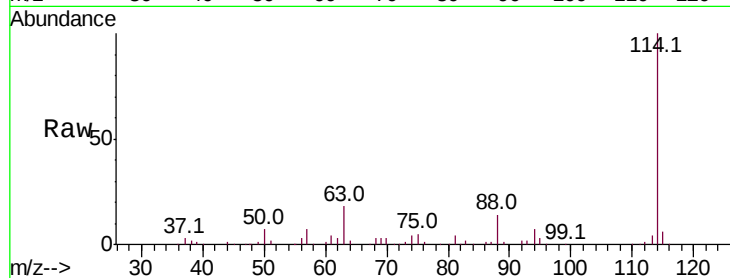
Tot Ion:114 Resp: 292002

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.8

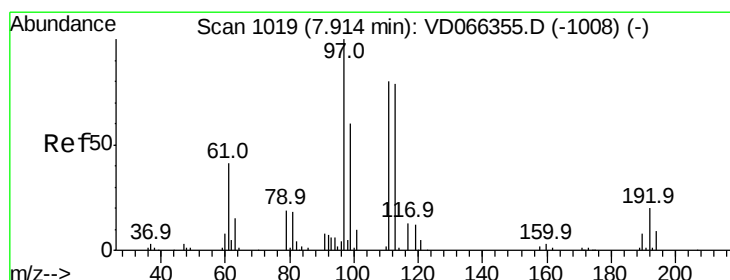
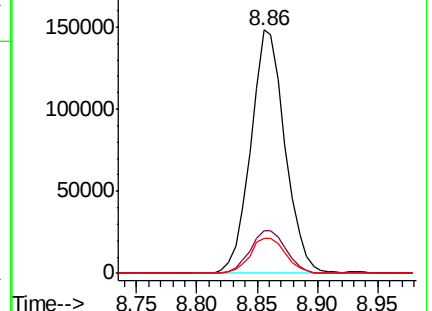
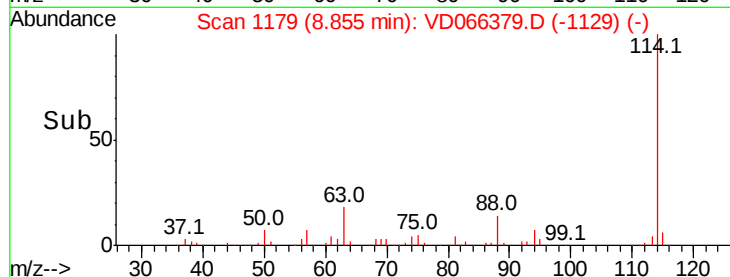
88 14.3 0.0 35.4



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: 31.067 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

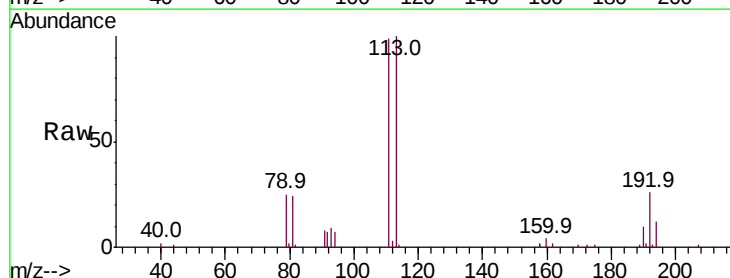
Tgt Ion:113 Resp: 56726

Ion Ratio Lower Upper

113 100

111 102.5 80.3 120.5

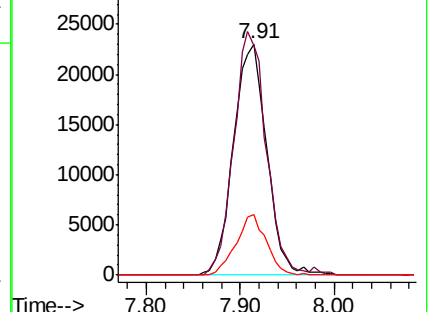
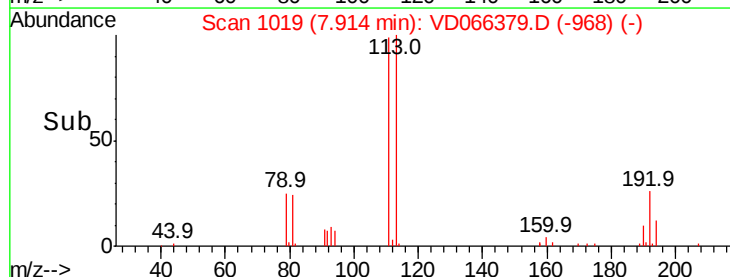
192 23.8 19.0 28.6

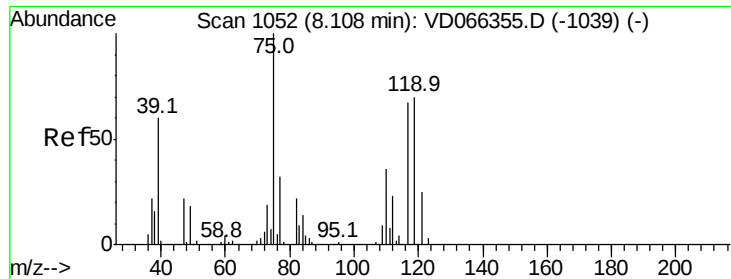


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.083 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1F

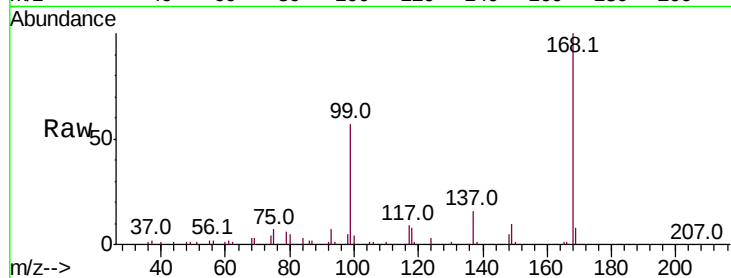
Tot Ion: 75 Resp: 13544

Ion Ratio Lower Upper

75 100

110 12.8 18.7 56.1#

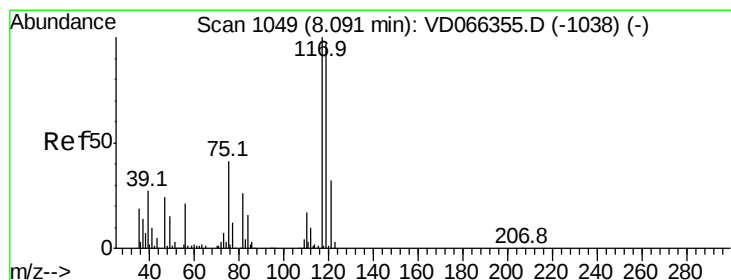
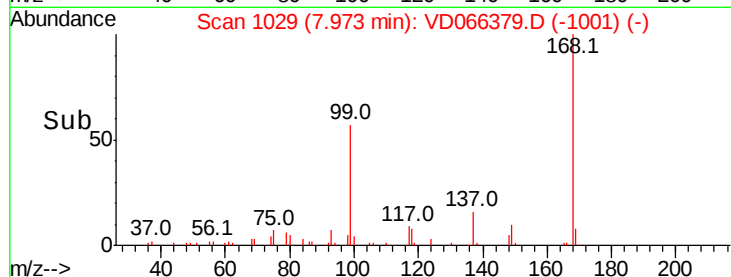
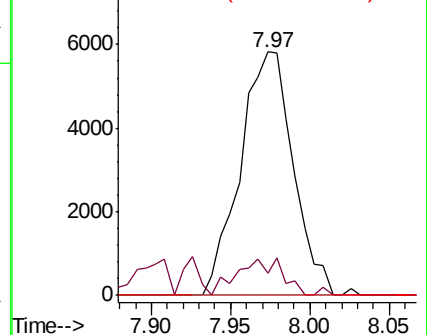
77 0.0 25.2 37.8#



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: 5.593 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

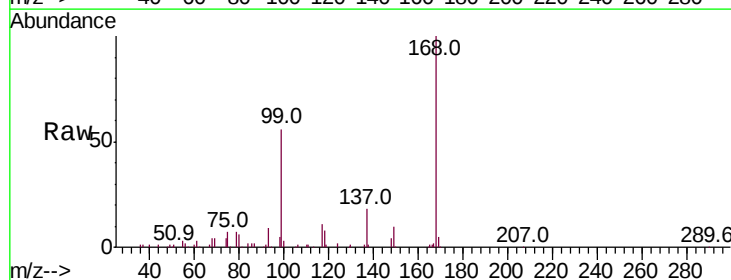
Tgt Ion: 117 Resp: 19415

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

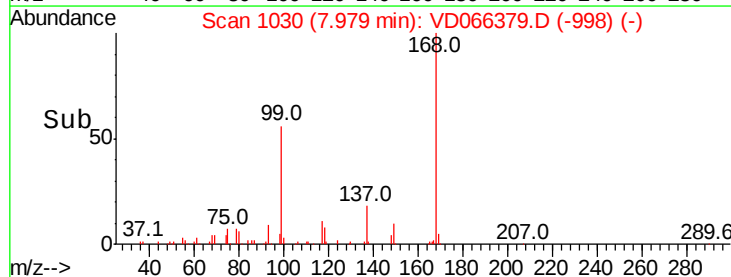
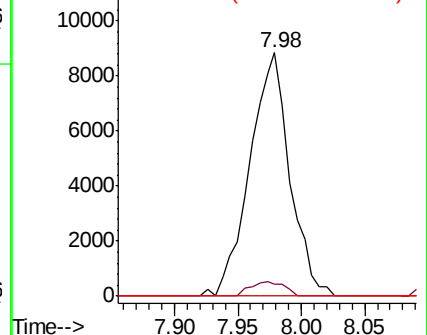
121 0.0 25.8 38.8#

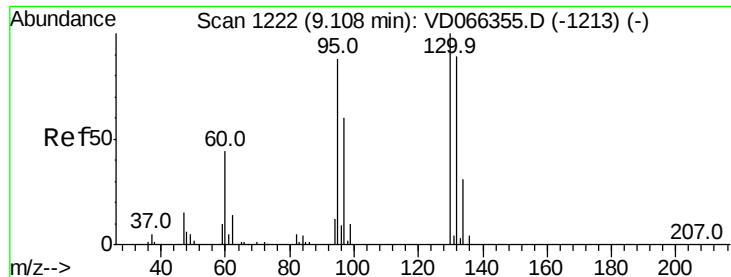


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 3.450 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

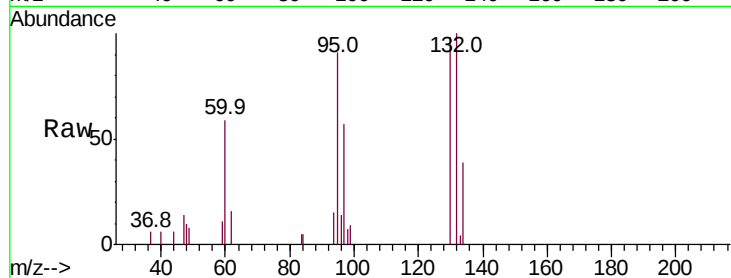
EROC-BF-1F

Tot Ion:130 Resp: 7857

Ion Ratio Lower Upper

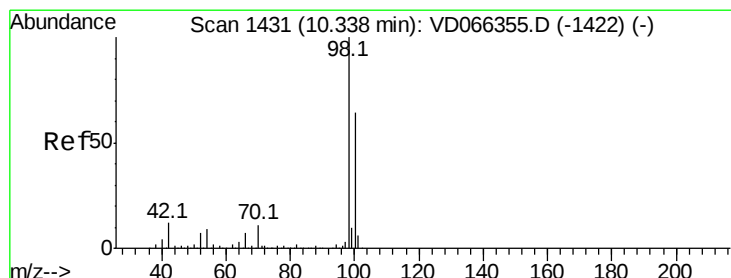
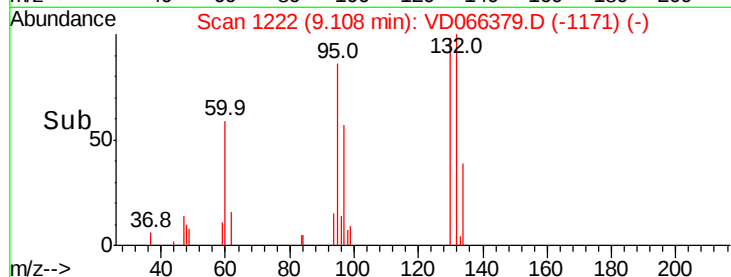
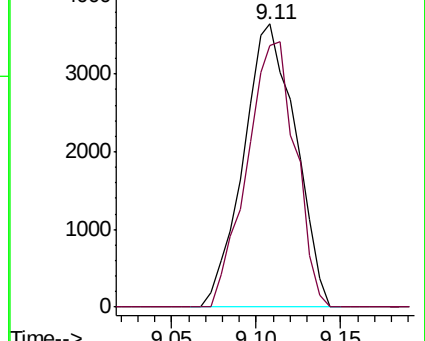
130 100

95 92.3 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 51.211 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066379.D

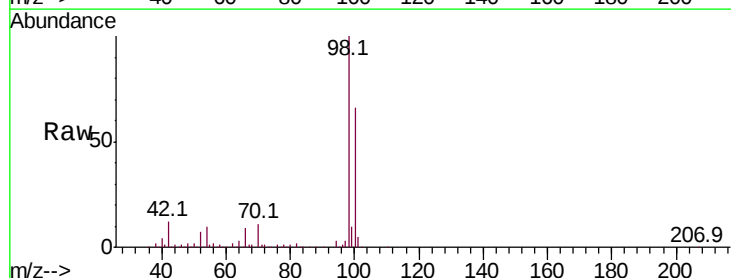
Acq: 24 Aug 2020 14:19

Tgt Ion: 98 Resp: 342131

Ion Ratio Lower Upper

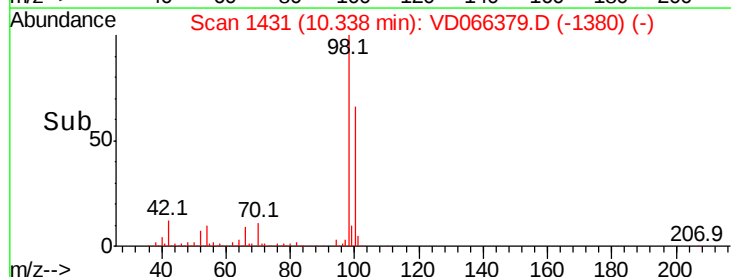
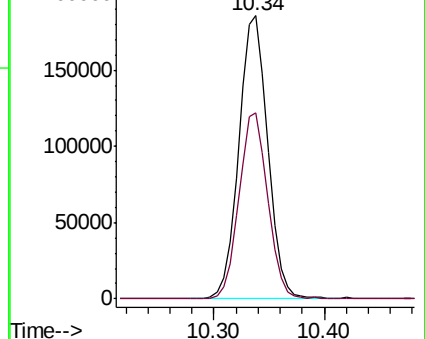
98 100

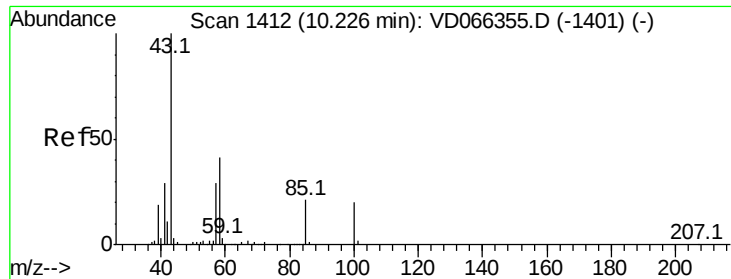
100 65.3 53.0 79.4



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: 1.514 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

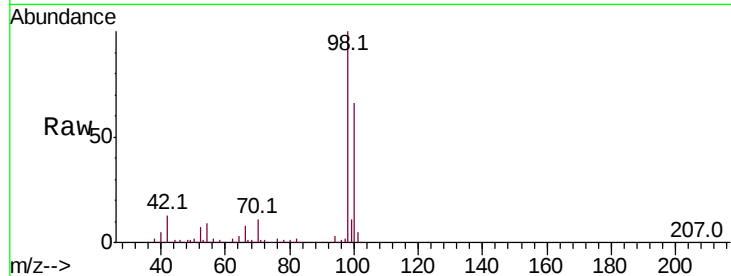
EROC-BF-1F

Tot Ion: 43 Resp: 1332

Ion Ratio Lower Upper

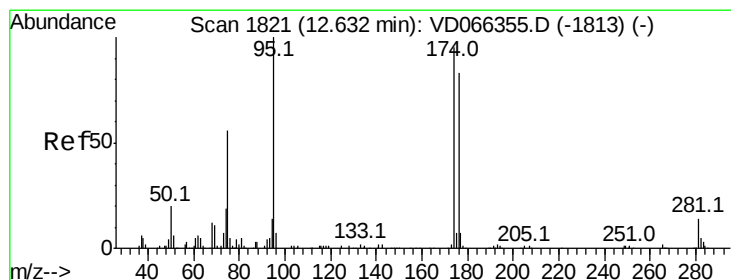
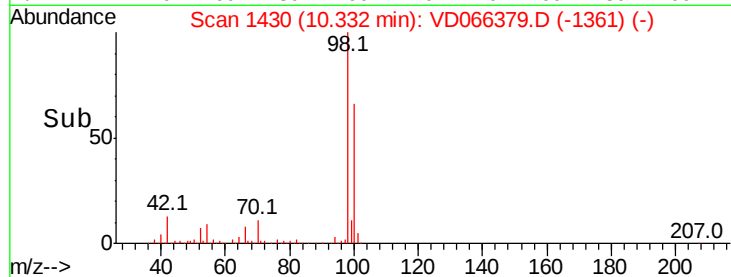
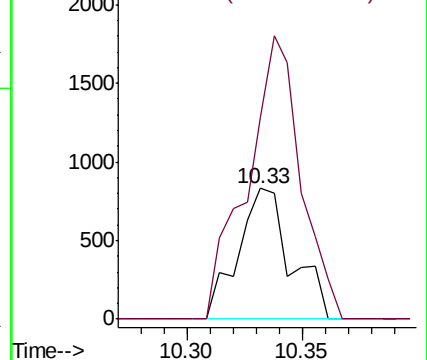
43 100

58 218.4 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 52.813 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066379.D

Acq: 24 Aug 2020 14:19

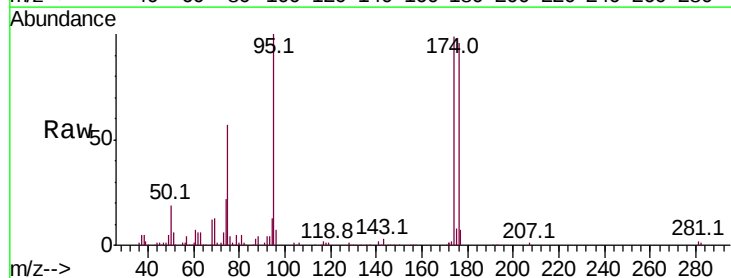
Tgt Ion: 95 Resp: 125200

Ion Ratio Lower Upper

95 100

174 97.7 0.0 183.4

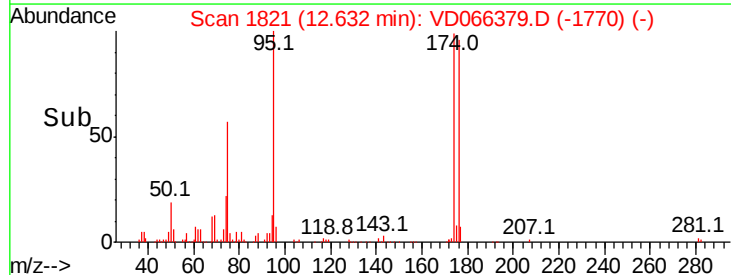
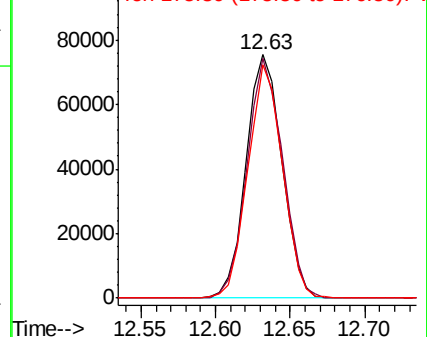
176 92.7 0.0 173.8

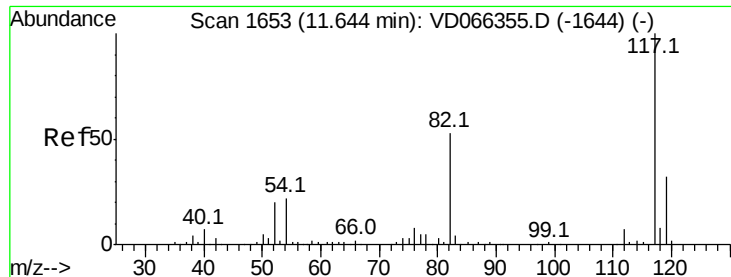


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

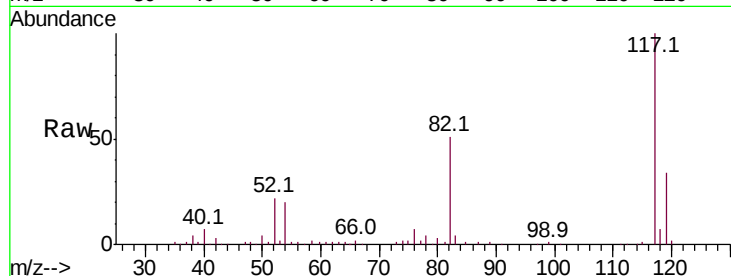




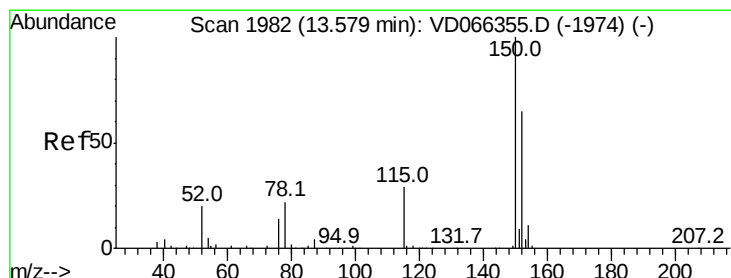
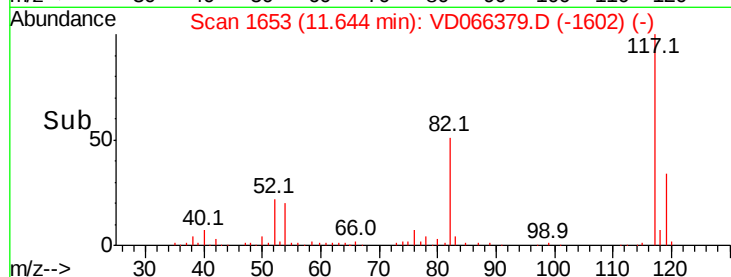
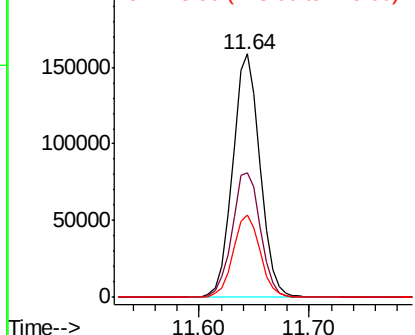
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066379.D
Acq: 24 Aug 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
EROC-BF-1F

Tot Ion:117 Resp: 275713
Ion Ratio Lower Upper
117 100
82 51.0 42.8 64.2
119 34.0 25.8 38.8

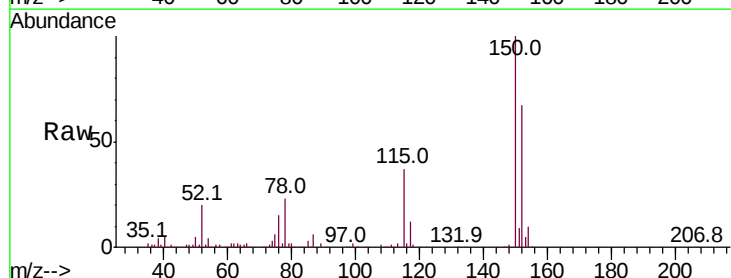


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V

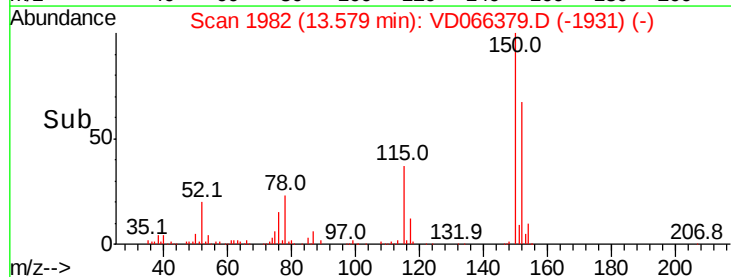
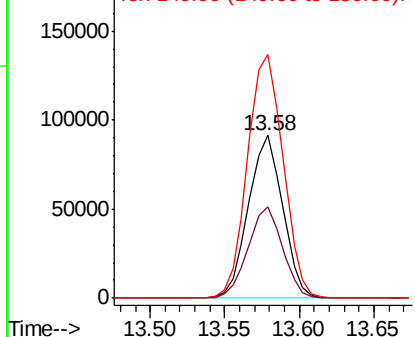


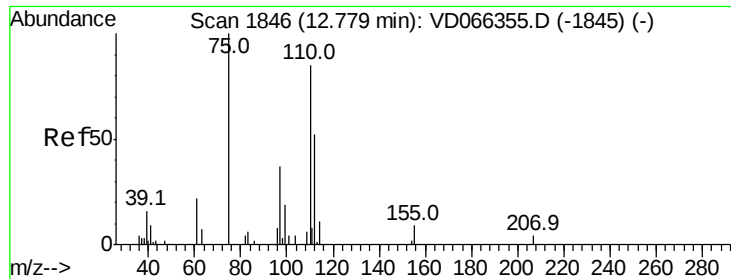
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066379.D
Acq: 24 Aug 2020 14:19

Tgt Ion:152 Resp: 145020
Ion Ratio Lower Upper
152 100
115 56.3 28.3 85.0
150 155.4 0.0 343.2



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

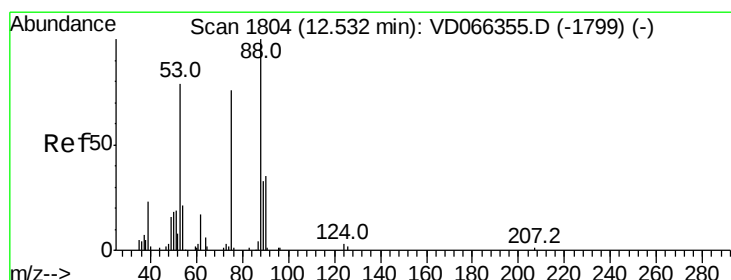
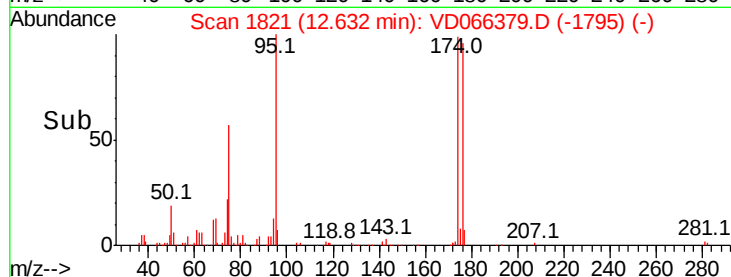
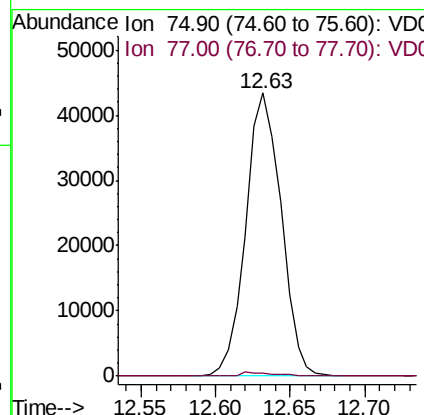
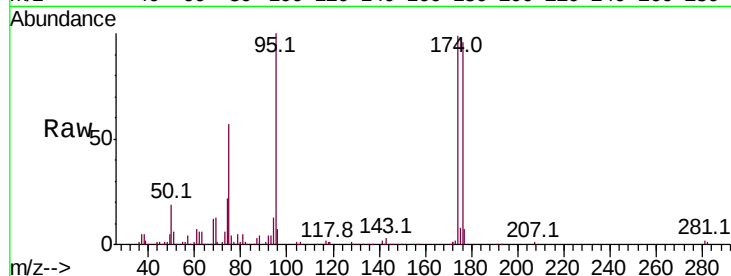




#76
 1,2,3-Trichloropropane
 Concen: 69.773 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066379.D
 Acq: 24 Aug 2020 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-BF-1F

Tot Ion: 75 Resp: 71184
 Ion Ratio Lower Upper
 75 100
 77 1.1 182.9 548.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.106 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066379.D
 Acq: 24 Aug 2020 14:19

Tgt Ion: 75 Resp: 71184
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.0 39.4 59.0#

