

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071617.D
 Acq On : 05 Jan 2022 16:38
 Operator : VA/SY
 Sample : N1016-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E3

Quant Time: Jan 06 07:04:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

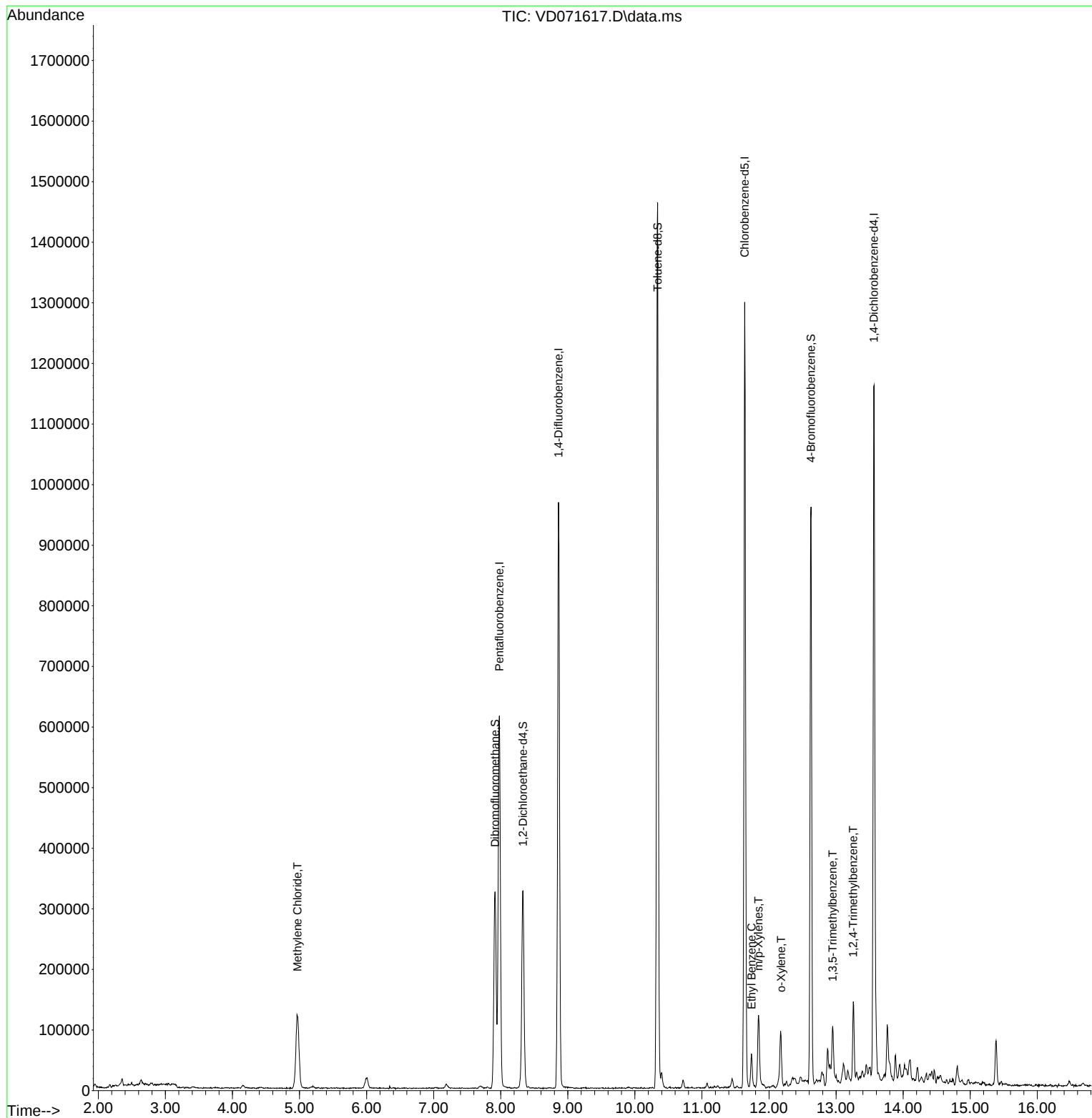
Internal Standards						
1) Pentafluorobenzene	7.979	168	431049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	756745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	655458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	261171	45.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.914	113	231819	45.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.338	98	942014	49.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.626	95	297684	43.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.180%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	87527	10.812	ug/l	90
67) Ethyl Benzene	11.738	91	34744	1.389	ug/l	98
68) m/p-Xylenes	11.844	106	34328	3.611	ug/l	96
69) o-Xylene	12.179	106	21765	2.505	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	32147	1.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	70136	3.996	ug/l	100

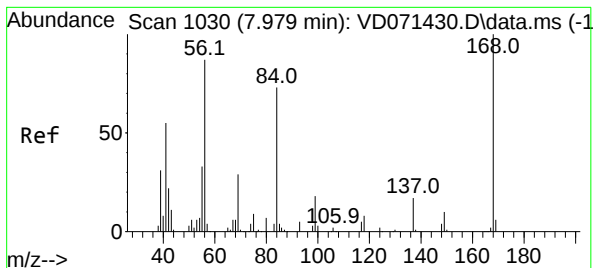
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071617.D
Acq On : 05 Jan 2022 16:38
Operator : VA/SY
Sample : N1016-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
E3

Quant Time: Jan 06 07:04:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

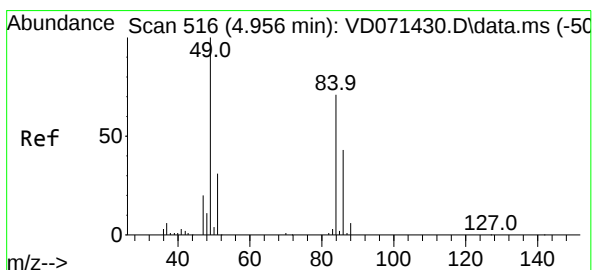
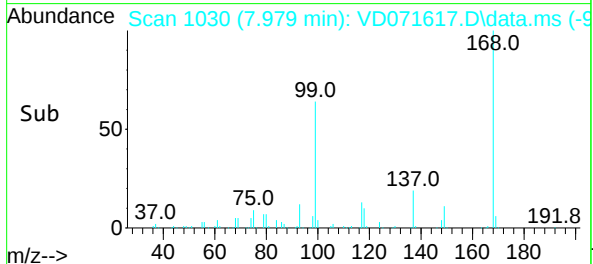
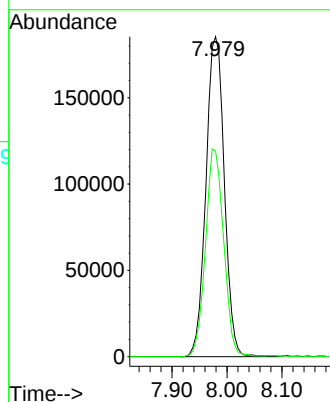
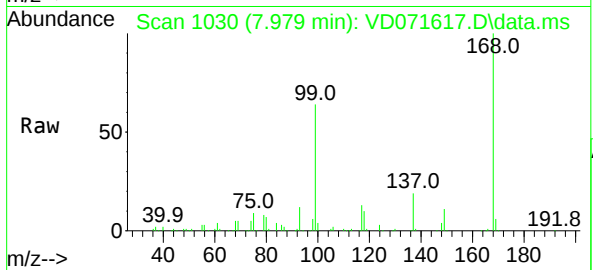




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

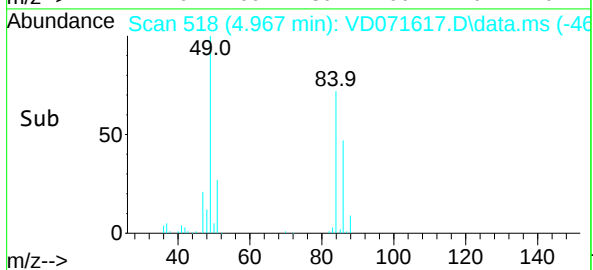
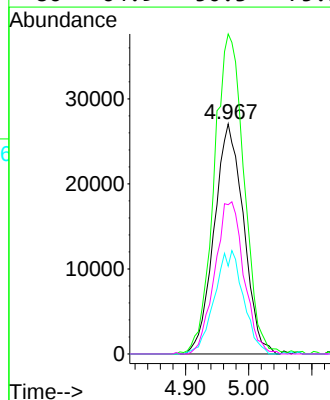
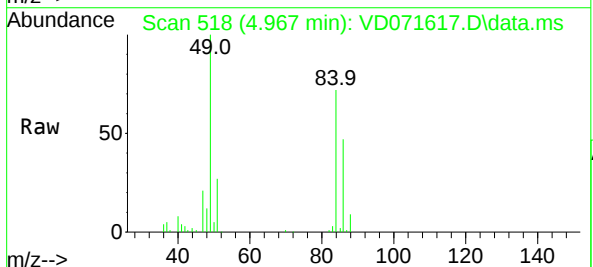
Instrument :
MSVOA_D
ClientSampleId :
E3

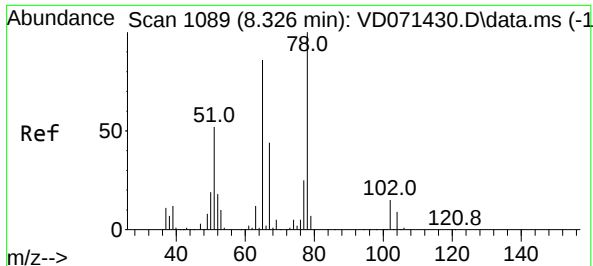
Tgt Ion:168 Resp: 431049
Ion Ratio Lower Upper
168 100
99 64.2 46.6 69.8



#20
Methylene Chloride
Concen: 10.812 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

Tgt Ion: 84 Resp: 87527
Ion Ratio Lower Upper
84 100
49 138.2 95.8 143.6
51 38.2 30.9 46.3
86 64.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 45.622 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071617.D

Acq: 05 Jan 2022 16:38

Instrument :

MSVOA_D

ClientSampleId :

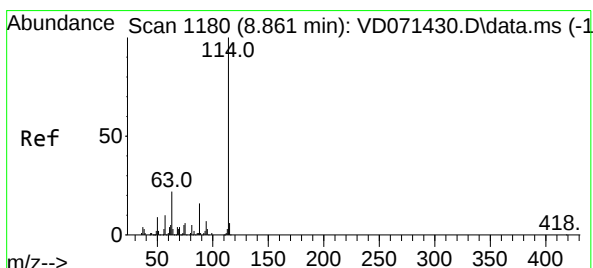
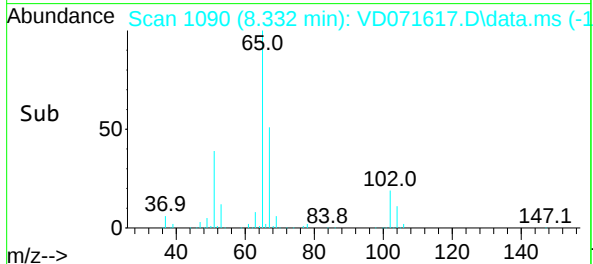
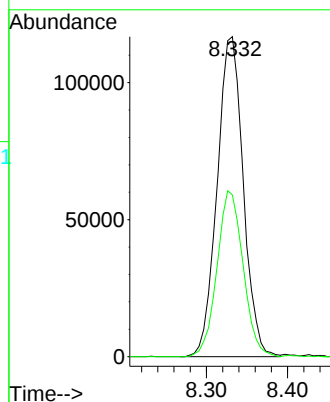
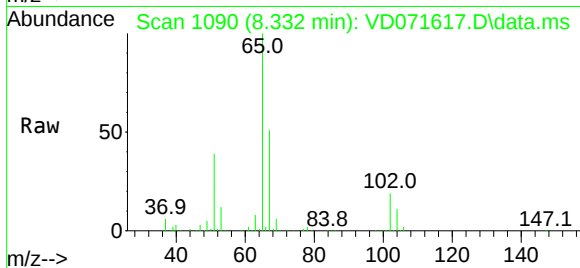
E3

Tgt Ion: 65 Resp: 261171

Ion Ratio Lower Upper

65 100

67 51.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071617.D

Acq: 05 Jan 2022 16:38

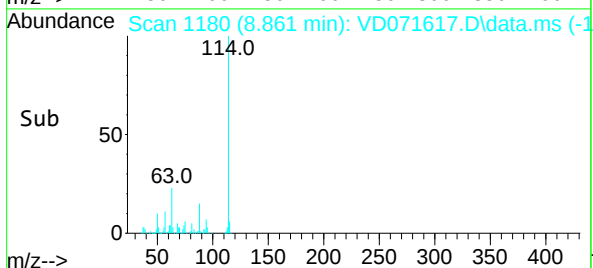
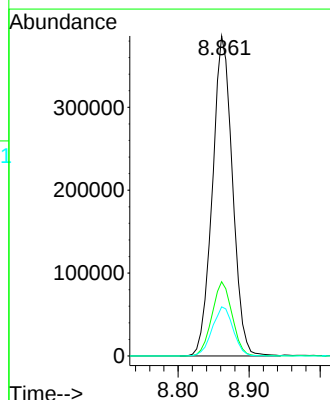
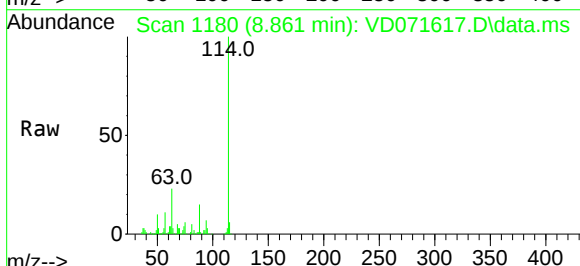
Tgt Ion: 114 Resp: 756745

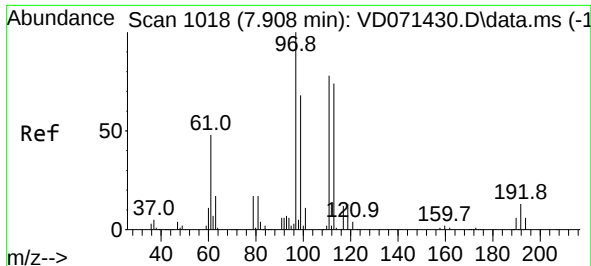
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 15.4 0.0 32.8

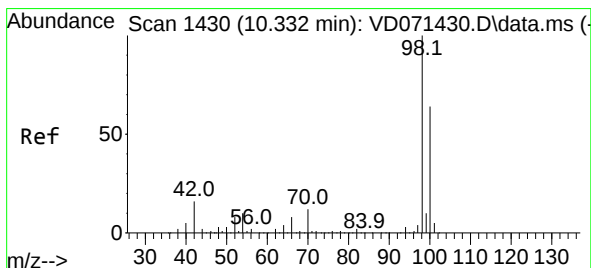
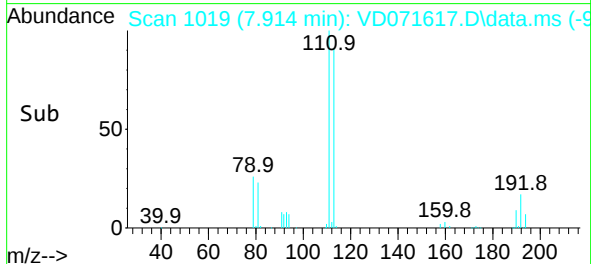
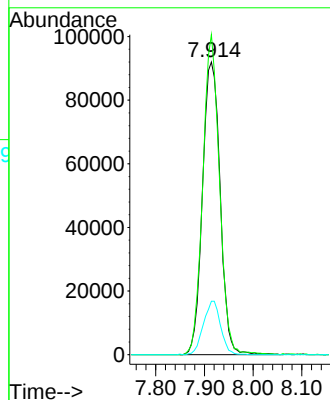
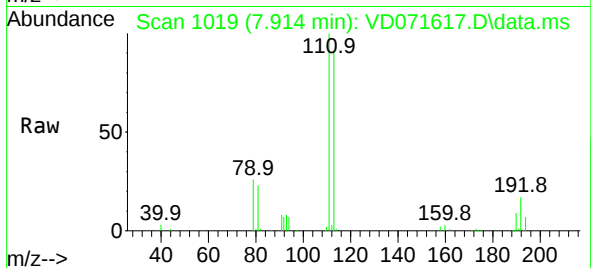




#35
Dibromofluoromethane
Concen: 45.581 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

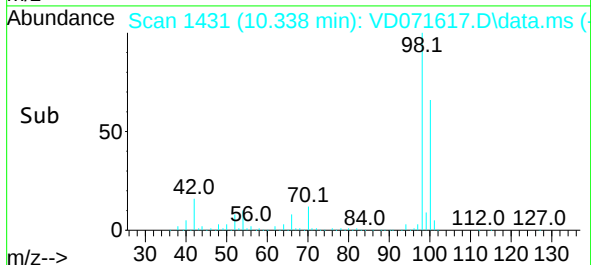
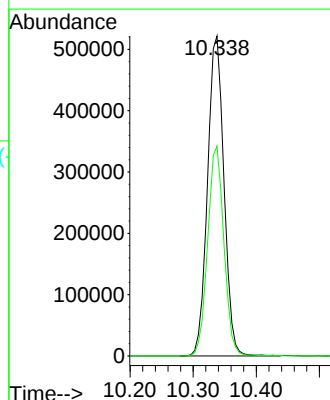
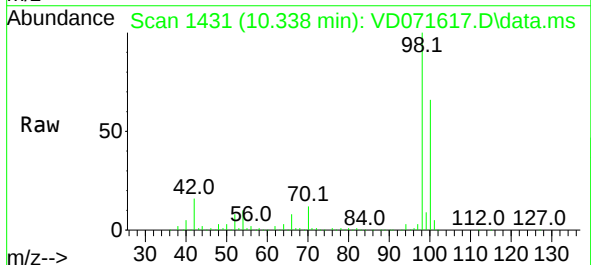
Instrument :
MSVOA_D
ClientSampleId :
E3

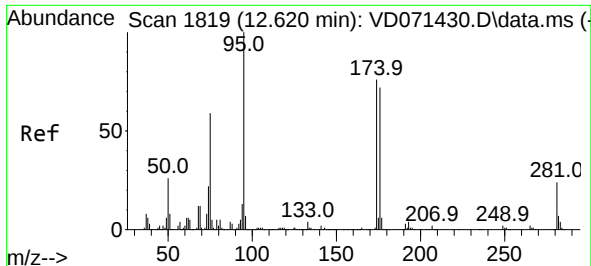
Tgt Ion:113 Resp: 231819
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 17.8 15.2 22.8



#50
Toluene-d8
Concen: 49.013 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

Tgt Ion: 98 Resp: 942014
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

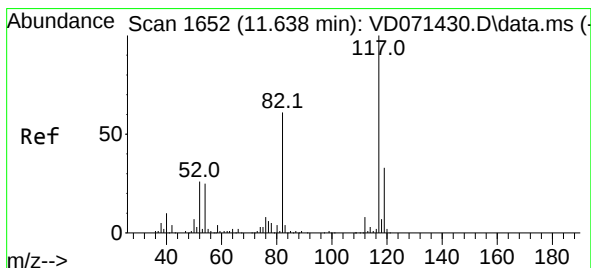
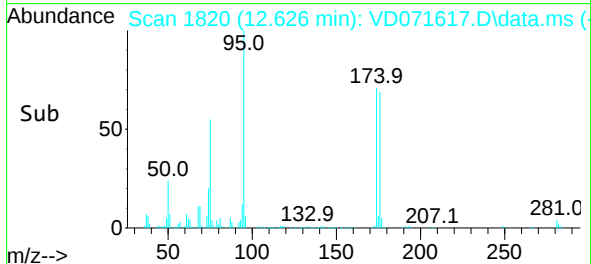
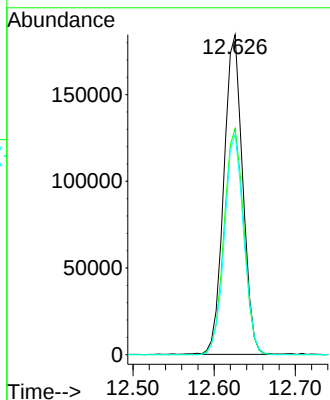
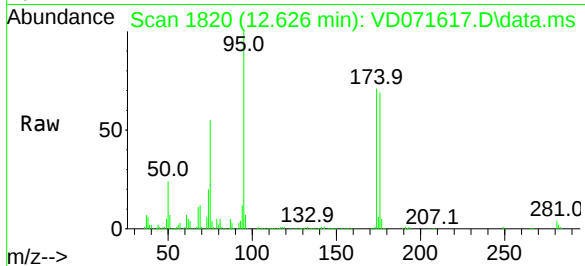




#62
4-Bromofluorobenzene
Concen: 43.586 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

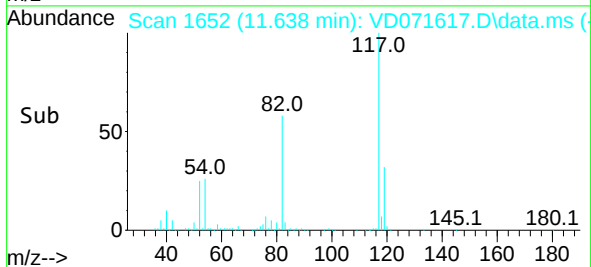
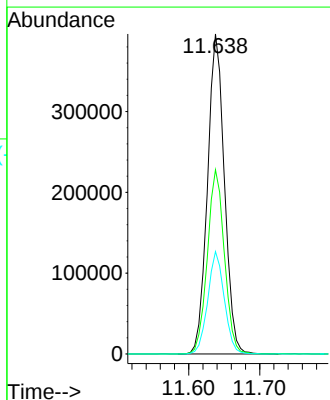
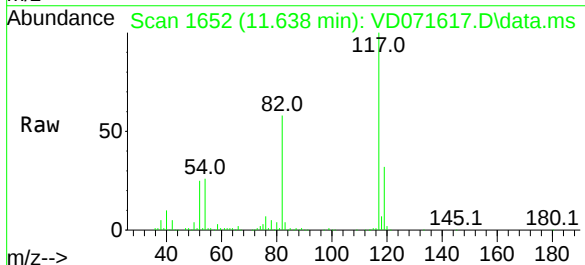
Instrument :
MSVOA_D
ClientSampleId :
E3

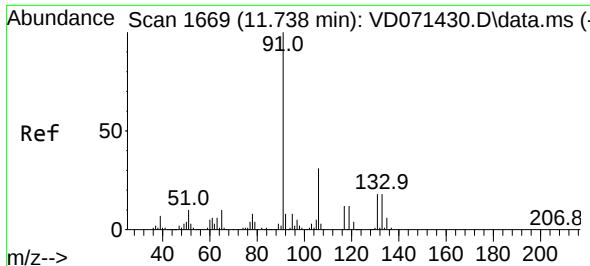
Tgt Ion: 95 Resp: 297684
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.4
176 70.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

Tgt Ion: 117 Resp: 655458
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.0 26.2 39.4

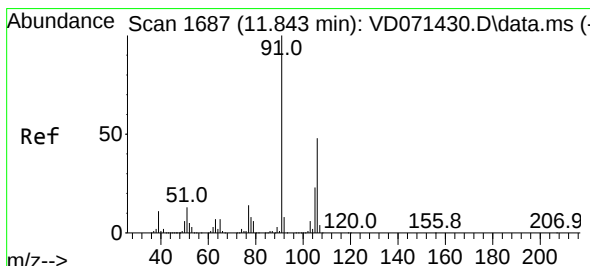
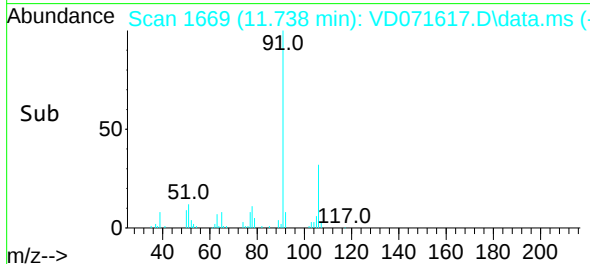
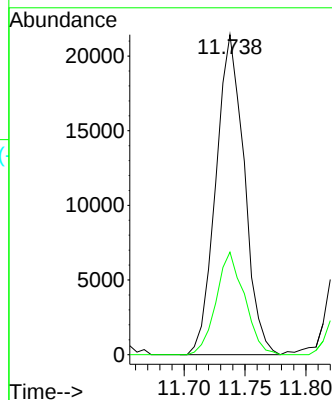
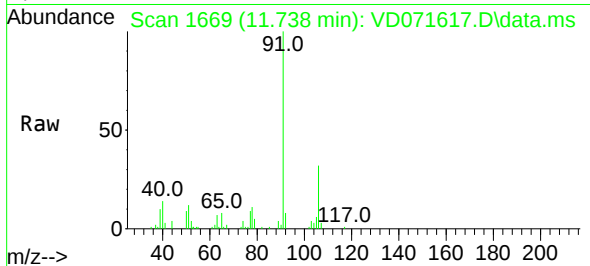




#67
Ethyl Benzene
Concen: 1.389 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

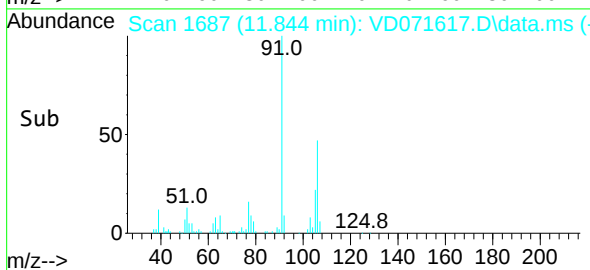
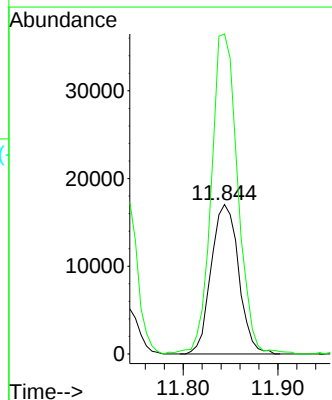
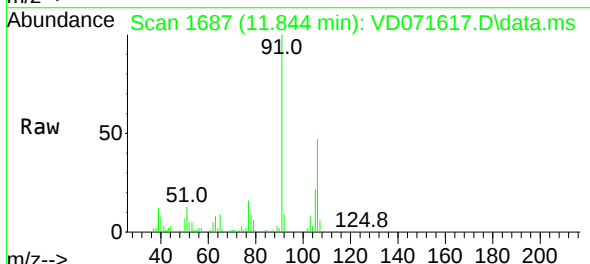
Instrument :
MSVOA_D
ClientSampleId :
E3

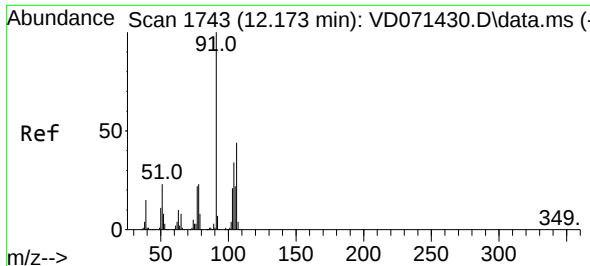
Tgt Ion: 91 Resp: 34744
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 3.611 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

Tgt Ion: 106 Resp: 34328
Ion Ratio Lower Upper
106 100
91 206.2 160.1 240.1

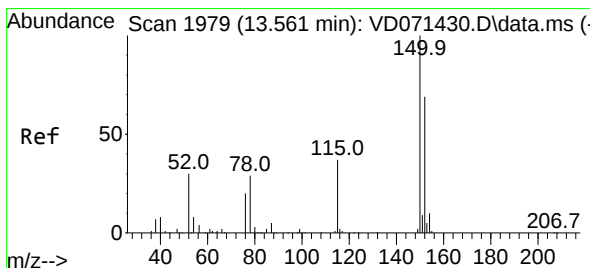
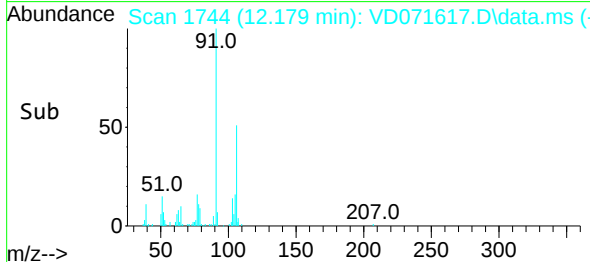
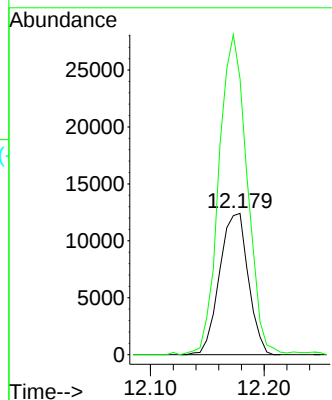
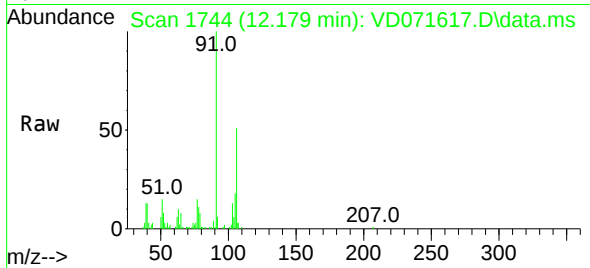




#69
o-Xylene
Concen: 2.505 ug/l
RT: 12.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

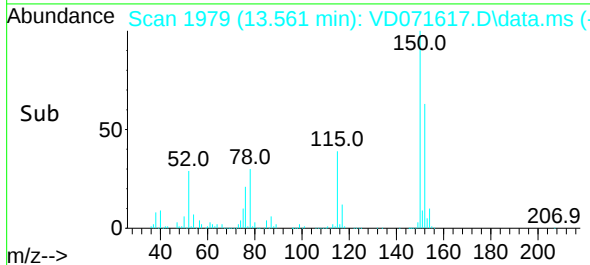
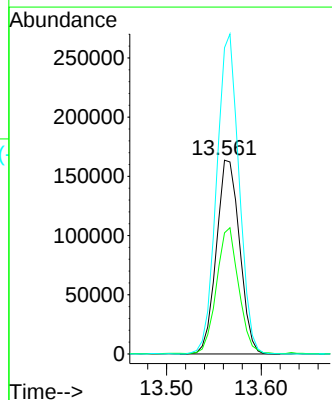
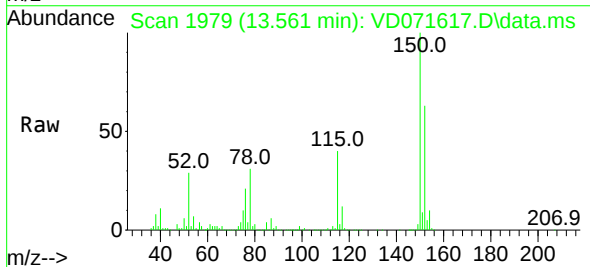
Instrument :
MSVOA_D
ClientSampleId :
E3

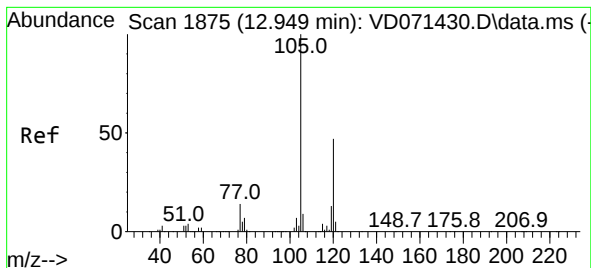
Tgt Ion:106 Resp: 21765
Ion Ratio Lower Upper
106 100
91 222.9 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071617.D
Acq: 05 Jan 2022 16:38

Tgt Ion:152 Resp: 278853
Ion Ratio Lower Upper
152 100
115 61.8 29.8 89.3
150 158.9 0.0 349.2





#80

1,3,5-Trimethylbenzene

Concen: 1.813 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071617.D

Acq: 05 Jan 2022 16:38

Instrument :

MSVOA_D

ClientSampleId :

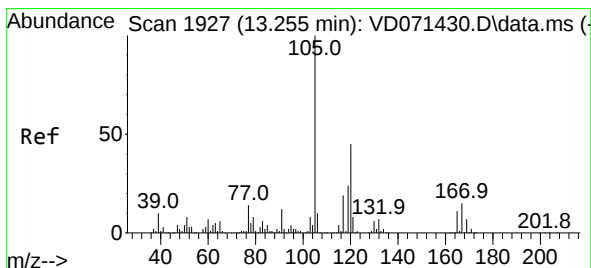
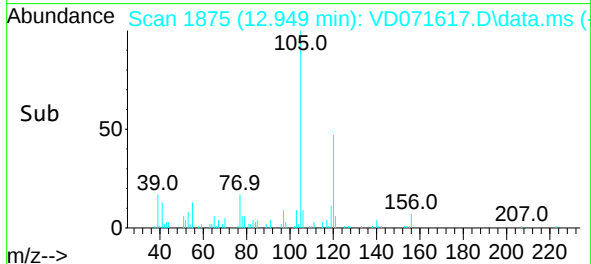
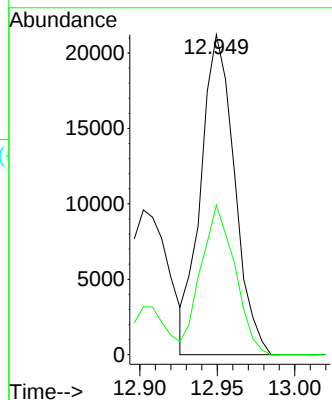
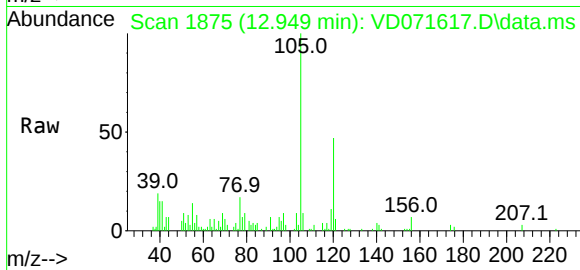
E3

Tgt Ion:105 Resp: 32147

Ion Ratio Lower Upper

105 100

120 47.2 24.6 73.8



#84

1,2,4-Trimethylbenzene

Concen: 3.996 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071617.D

Acq: 05 Jan 2022 16:38

Tgt Ion:105 Resp: 70136

Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.7

