

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073023.D
 Acq On : 14 May 2022 08:10
 Operator : VA/SY
 Sample : N2823-09
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-9

Quant Time: May 16 05:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

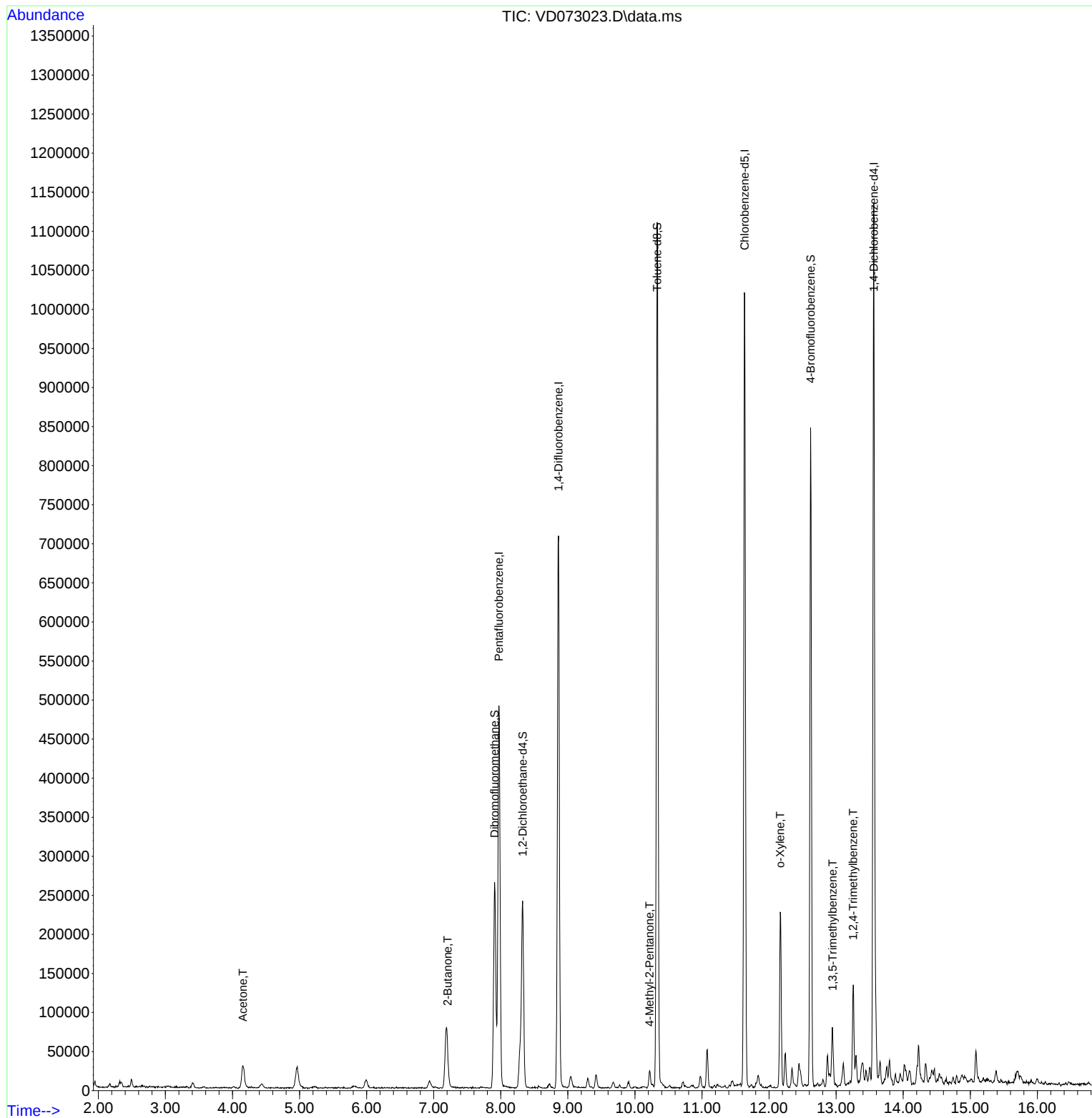
Internal Standards						
1) Pentafluorobenzene	7.973	168	346305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	611079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	288473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186492	41.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.980%
35) Dibromofluoromethane	7.908	113	192674	44.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.780%
50) Toluene-d8	10.332	98	740490	48.100	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.620	95	280371	48.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.680%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	52925	51.851	ug/l	92
25) 2-Butanone	7.208	43	14628	11.168	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	17110	5.561	ug/l	98
69) o-Xylene	12.167	106	60226	6.964	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	25370	1.333	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	70146	3.687	ug/l	97

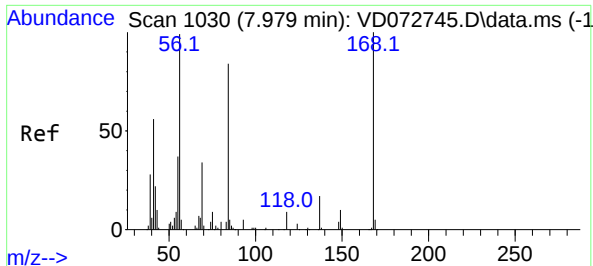
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

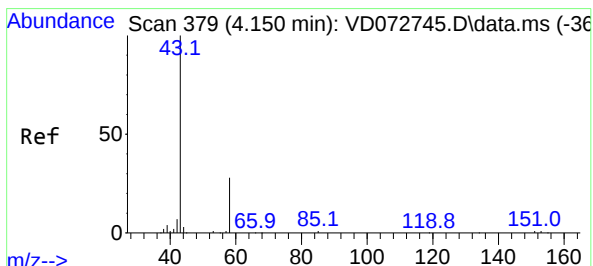
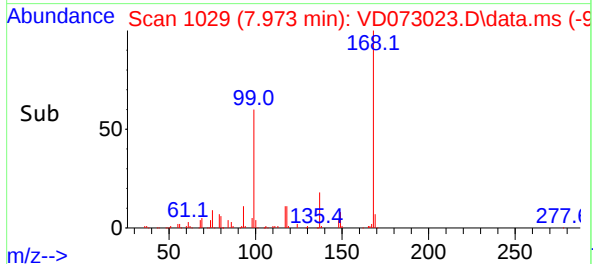
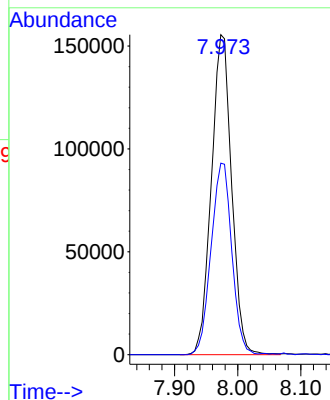
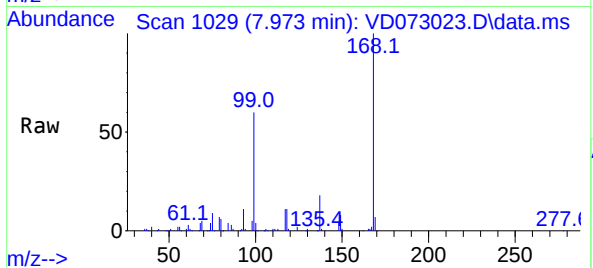




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

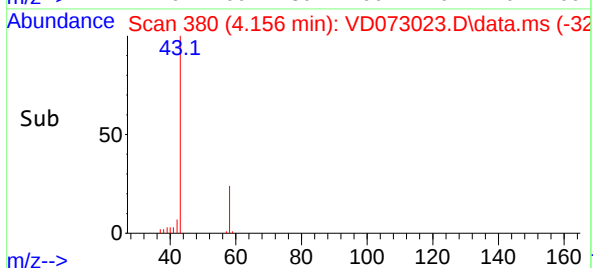
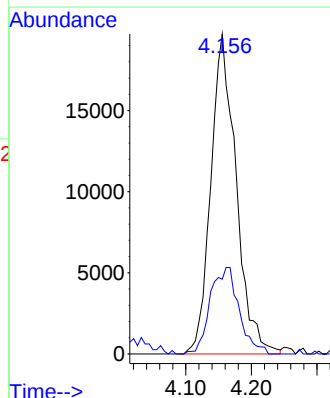
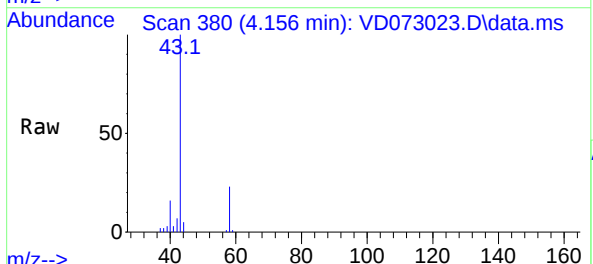
Instrument :
MSVOA_D
ClientSampleId :
SC-9

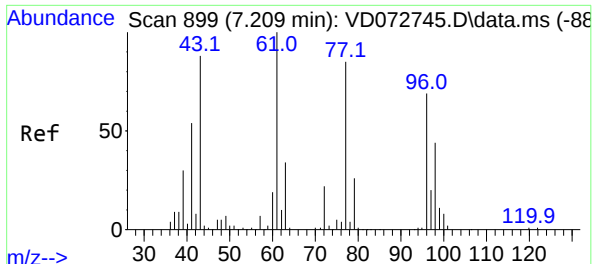
Tgt Ion:168 Resp: 346305
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#16
Acetone
Concen: 51.851 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Tgt Ion: 43 Resp: 52925
Ion Ratio Lower Upper
43 100
58 23.4 22.1 33.1





#25

2-Butanone

Concen: 11.168 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD073023.D

Acq: 14 May 2022 08:10

Instrument :

MSVOA_D

ClientSampleId :

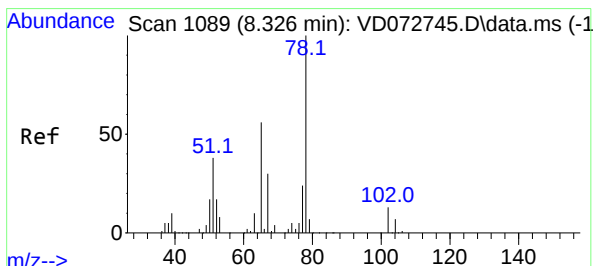
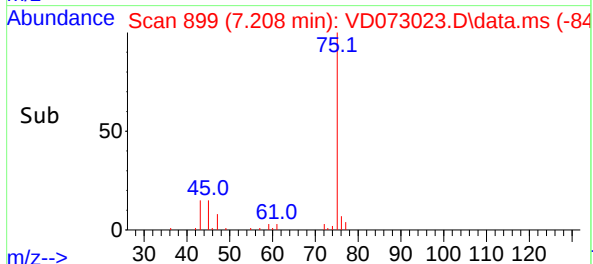
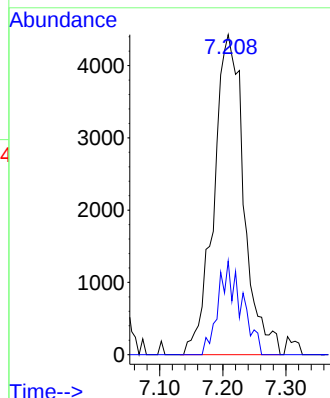
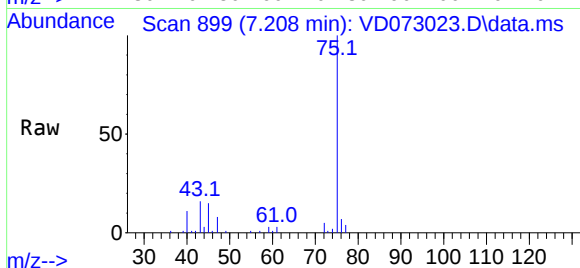
SC-9

Tgt Ion: 43 Resp: 14628

Ion Ratio Lower Upper

43 100

72 29.2 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 41.486 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073023.D

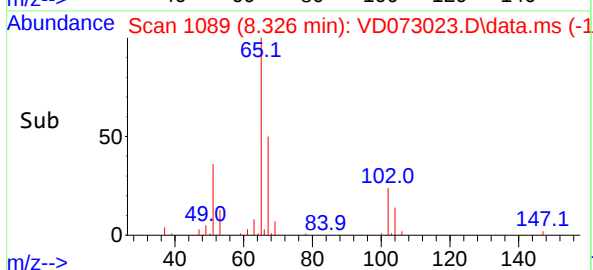
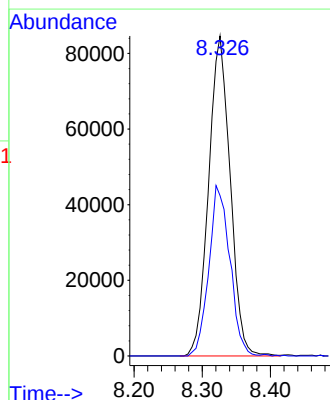
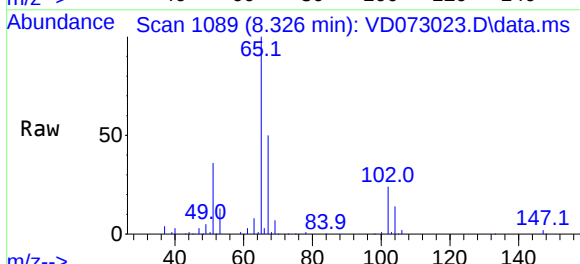
Acq: 14 May 2022 08:10

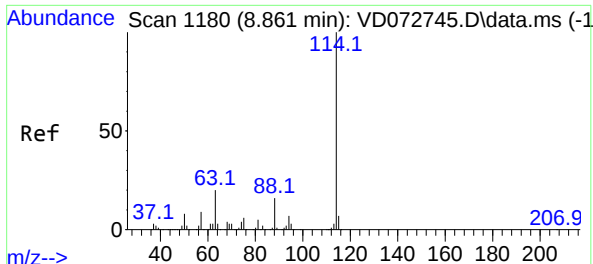
Tgt Ion: 65 Resp: 186492

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



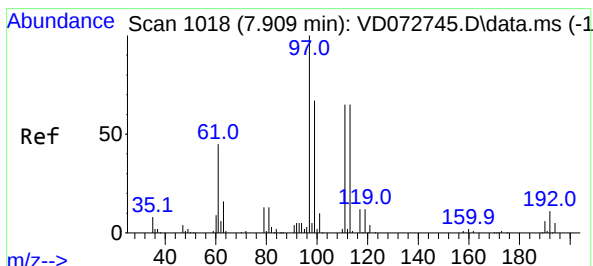
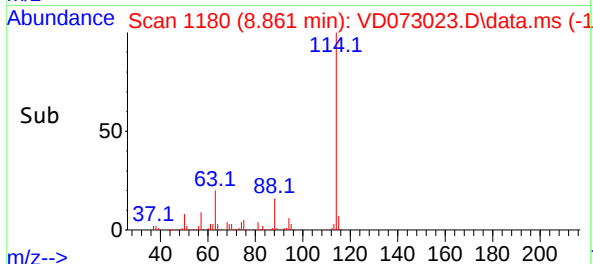
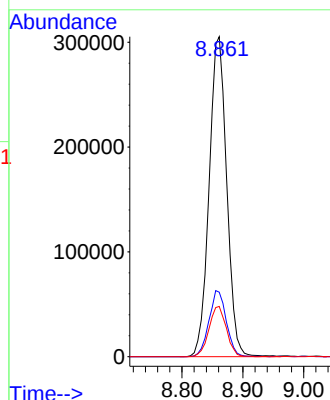
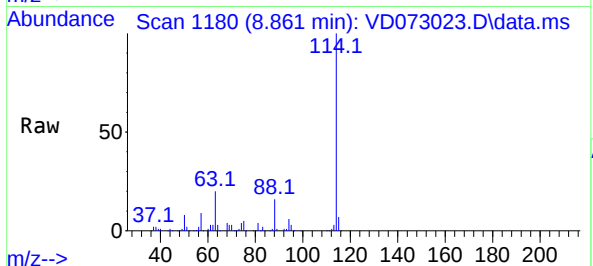


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Instrument :
MSVOA_D
ClientSampleId :
SC-9

Tgt Ion:114 Resp: 611079

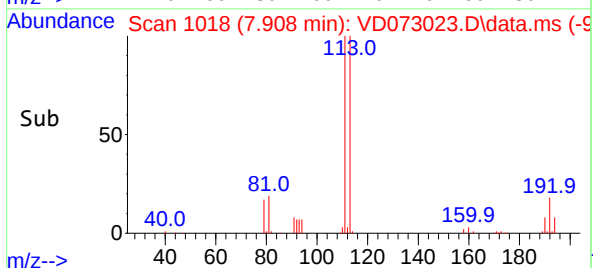
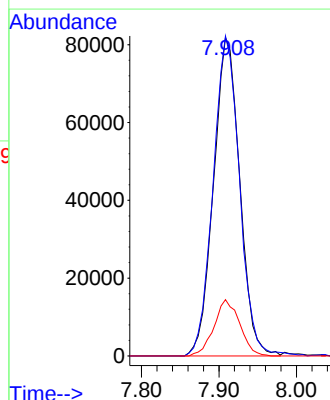
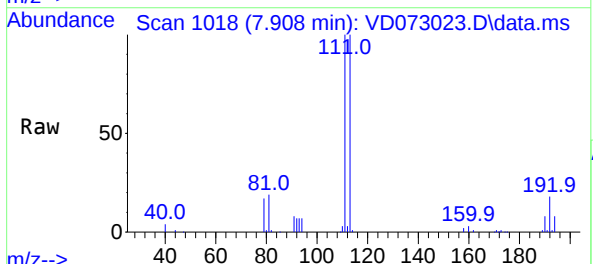
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	46.6
88	15.7	0.0	33.2

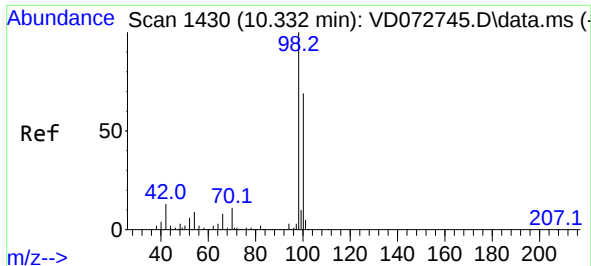


#35
Dibromofluoromethane
Concen: 44.895 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Tgt Ion:113 Resp: 192674

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.8	125.6
192	17.4	14.6	21.8

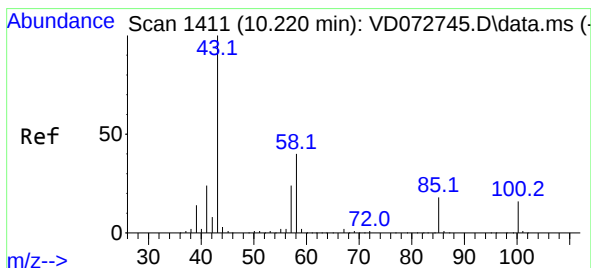
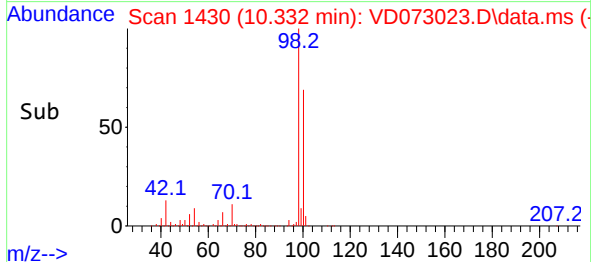
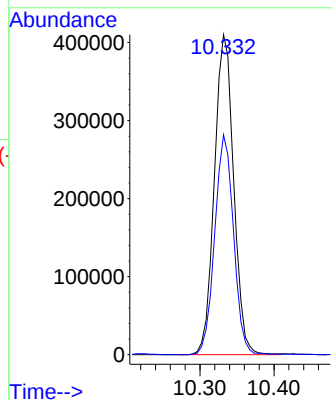
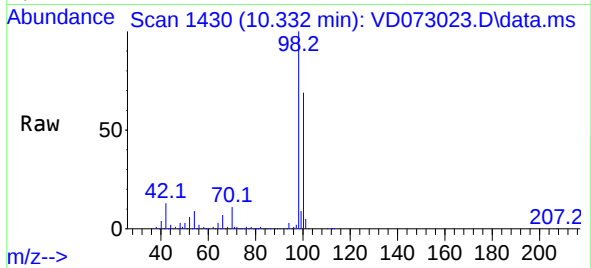




#50
Toluene-d8
Concen: 48.100 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

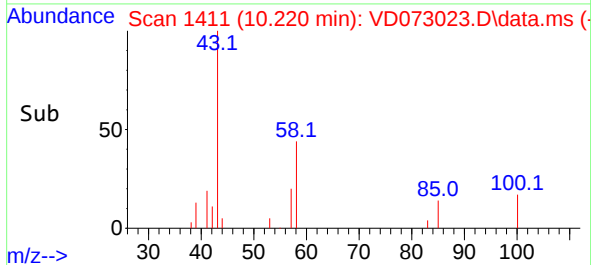
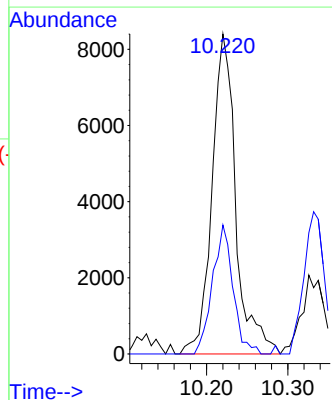
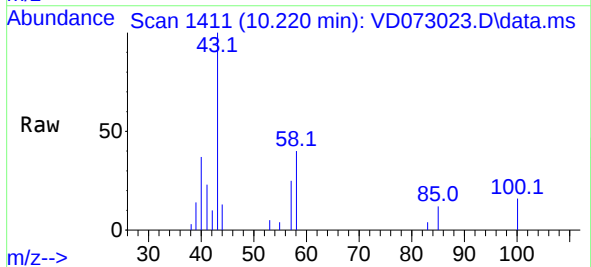
Instrument :
MSVOA_D
ClientSampleId :
SC-9

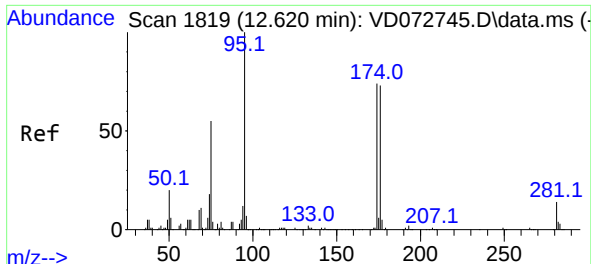
Tgt Ion: 98 Resp: 740490
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 5.561 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Tgt Ion: 43 Resp: 17110
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0

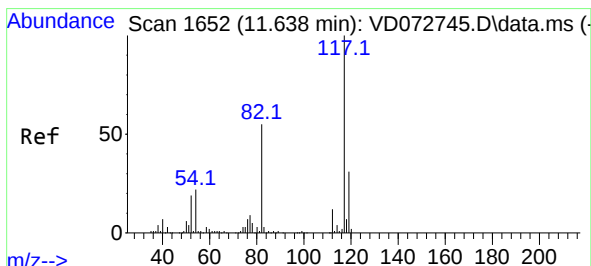
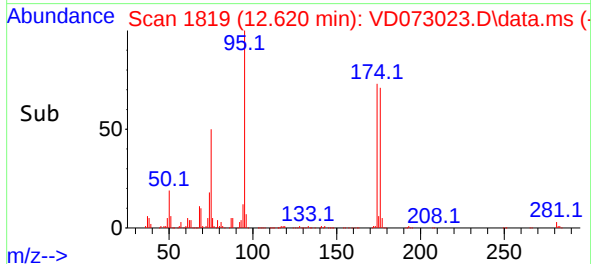
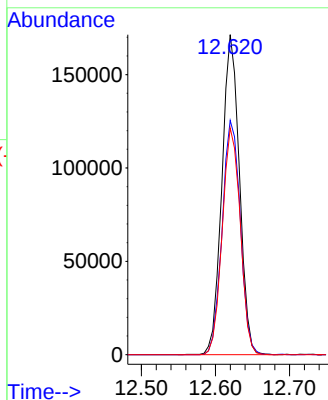
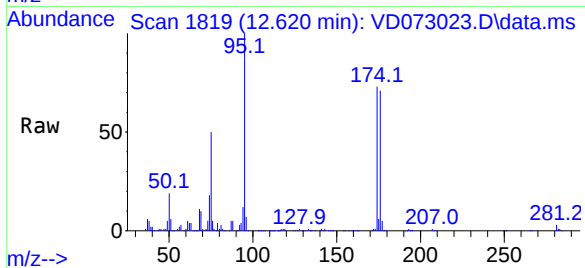




#62
4-Bromofluorobenzene
Concen: 48.843 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

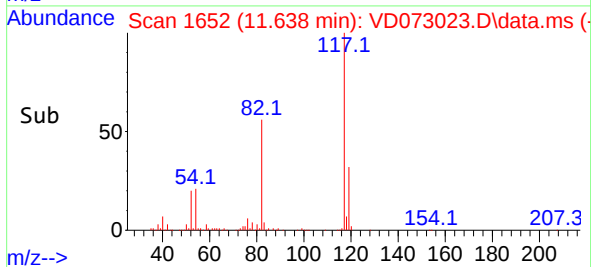
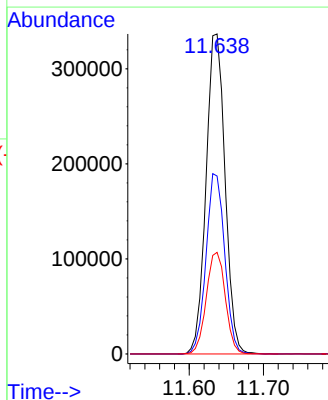
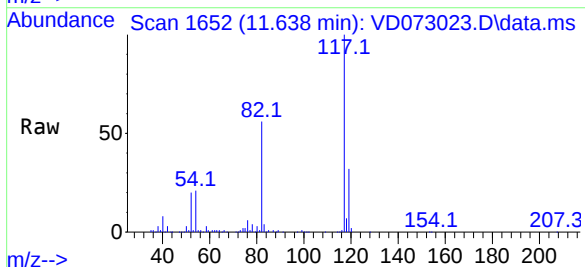
Instrument :
MSVOA_D
ClientSampleId :
SC-9

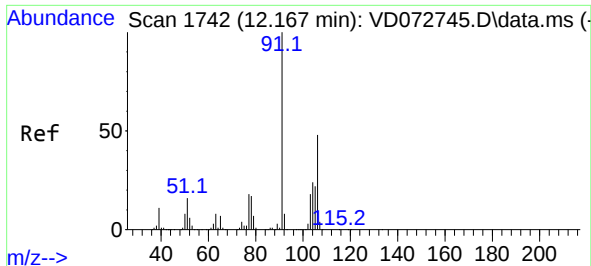
Tgt Ion: 95 Resp: 280371
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Tgt Ion: 117 Resp: 600547
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.8 26.6 40.0

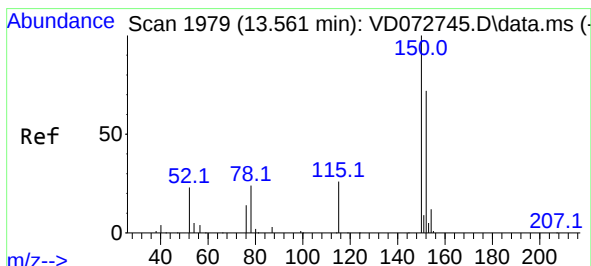
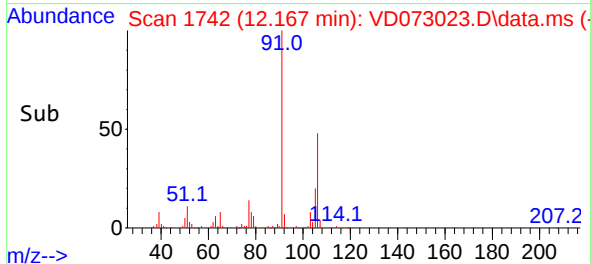
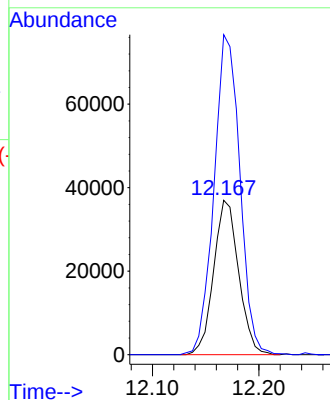
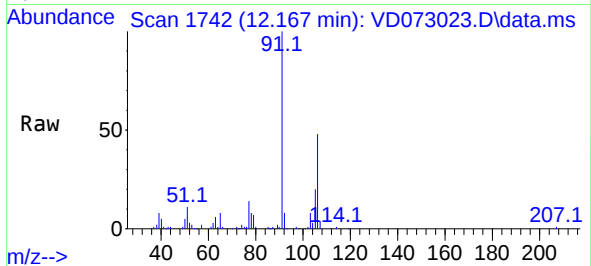




#69
o-Xylene
Concen: 6.964 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

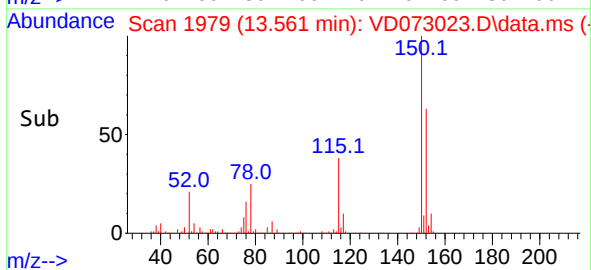
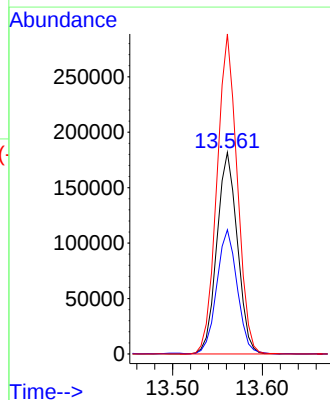
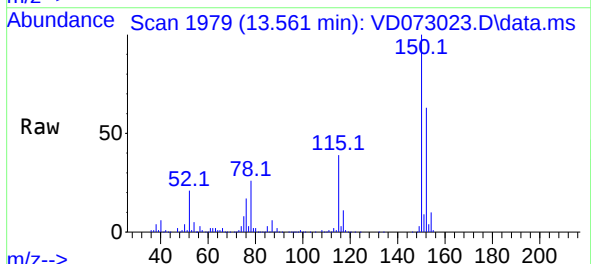
Instrument :
MSVOA_D
ClientSampleId :
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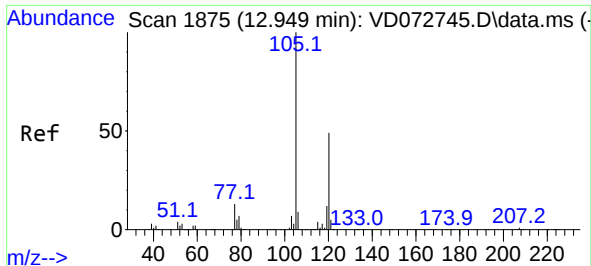
Tgt Ion:106 Resp: 60226
Ion Ratio Lower Upper
106 100
91 214.5 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Tgt Ion:152 Resp: 288473
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 157.1 0.0 348.6

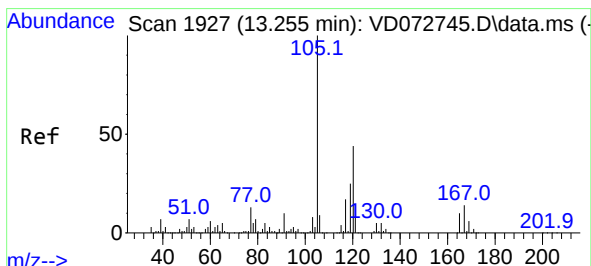
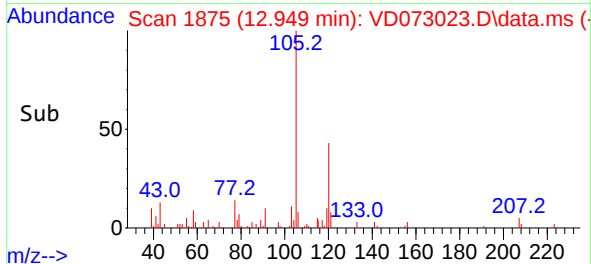
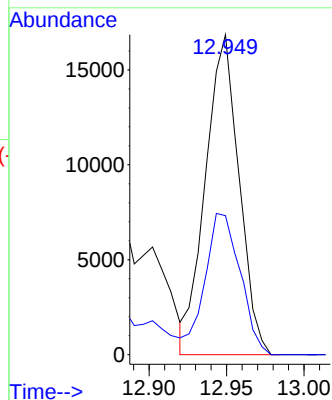
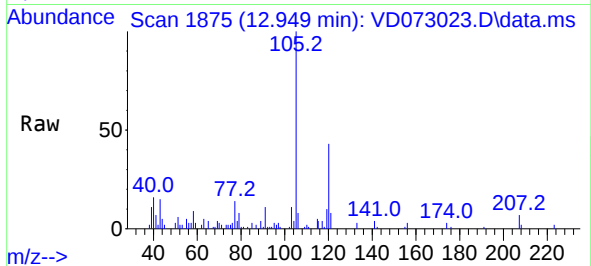




#80
1,3,5-Trimethylbenzene
Concen: 1.333 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Instrument :
MSVOA_D
ClientSampleId :
SC-9

Tgt Ion:105 Resp: 25370
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 3.687 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073023.D
Acq: 14 May 2022 08:10

Tgt Ion:105 Resp: 70146
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.8

