

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075226.D
 Acq On : 27 Jan 2023 15:27
 Operator : KP/SY
 Sample : 01318-06
 Misc : 7.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RJ-1-012523

Quant Time: Jan 30 01:03:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

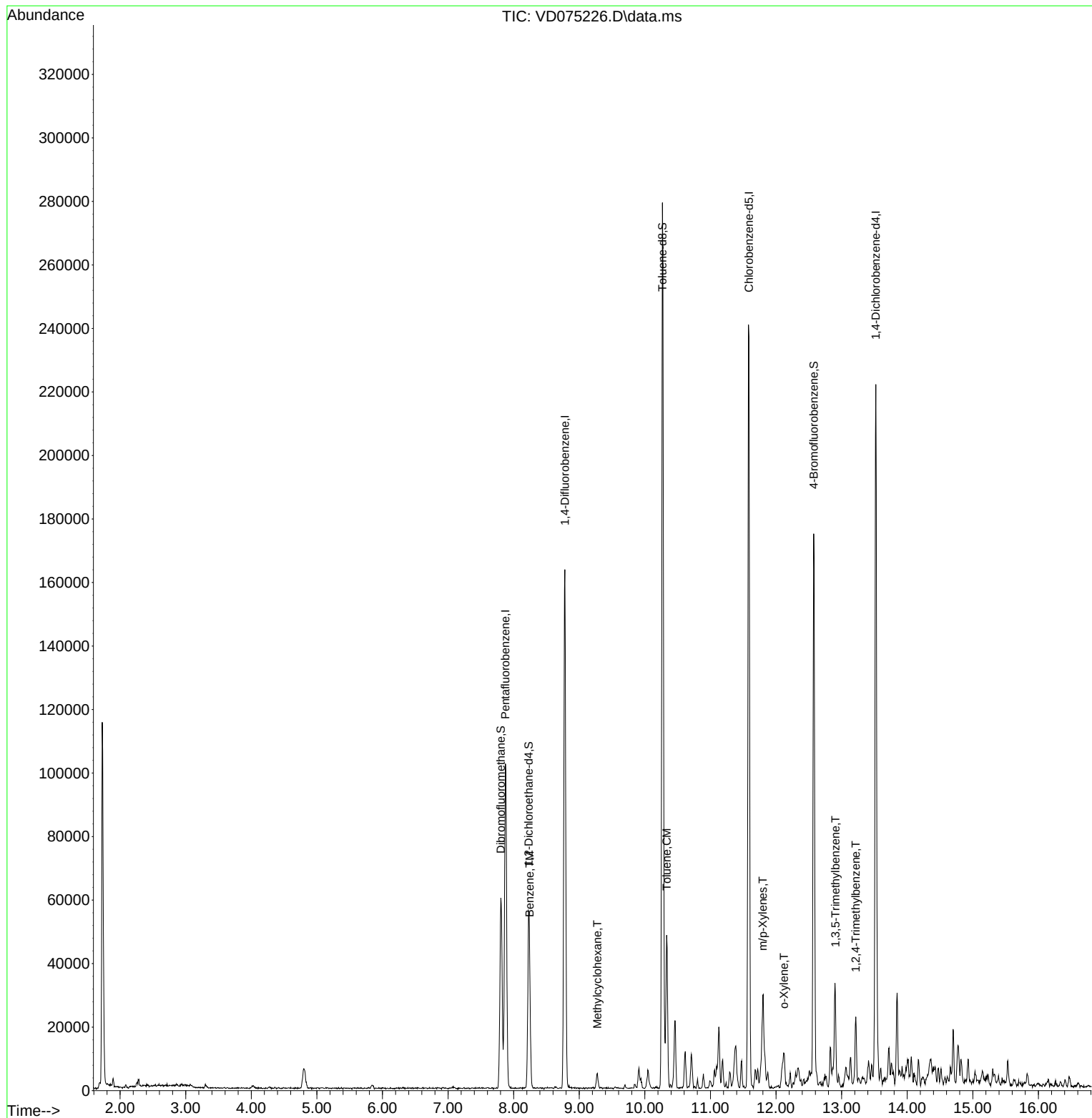
Internal Standards						
1) Pentafluorobenzene	7.875	168	76476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	140267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	135927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42685	54.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.400%	
35) Dibromofluoromethane	7.804	113	43493	51.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.269	98	174961	52.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.575	95	55214	52.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.260%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.275	83	1713	1.021	ug/l	93
40) Benzene	8.245	78	4184	1.077	ug/l	97
52) Toluene	10.334	92	19830	8.080	ug/l	99
68) m/p-Xylenes	11.798	106	4451	2.298	ug/l	95
69) o-Xylene	12.122	106	2515	1.384	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	3662	1.005	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	11864	3.316	ug/l	96

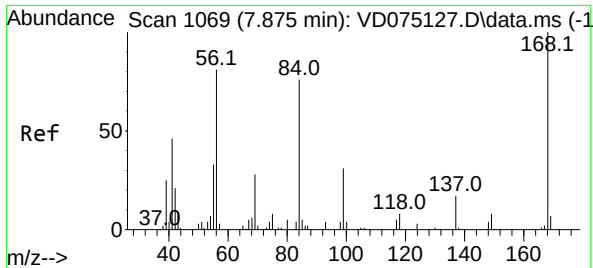
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD075226.D
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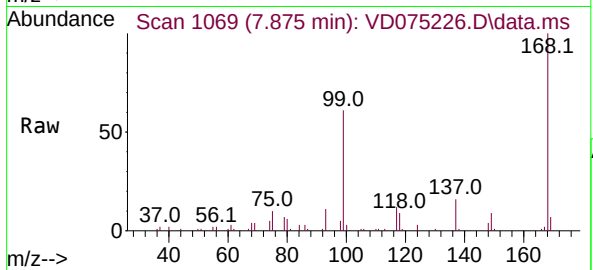
Quant Time: Jan 30 01:03:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



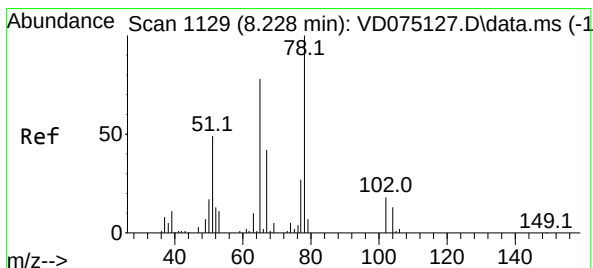
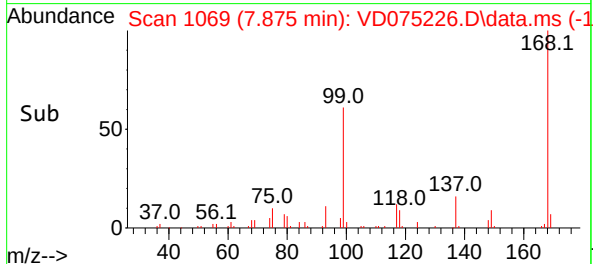
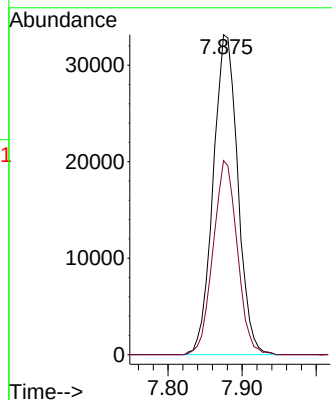


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

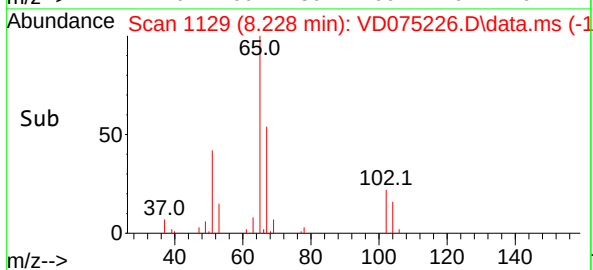
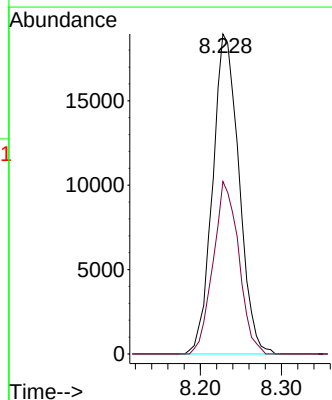
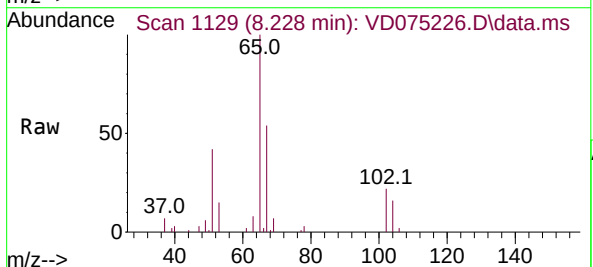


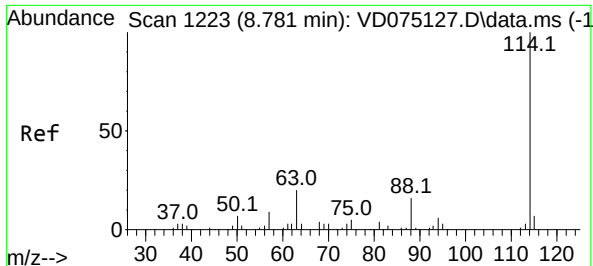
Tgt Ion:168 Resp: 76476
Ion Ratio Lower Upper
168 100
99 60.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 54.698 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

Tgt Ion: 65 Resp: 42685
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075226.D

Acq: 27 Jan 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

RJ-1-012523

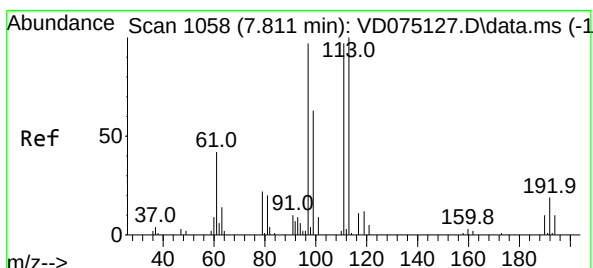
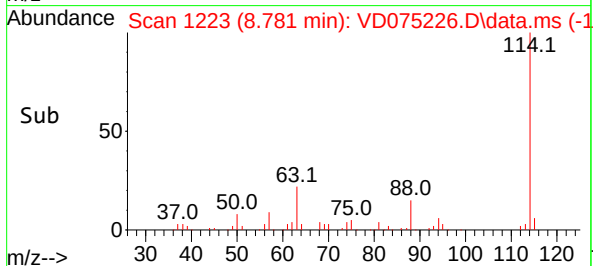
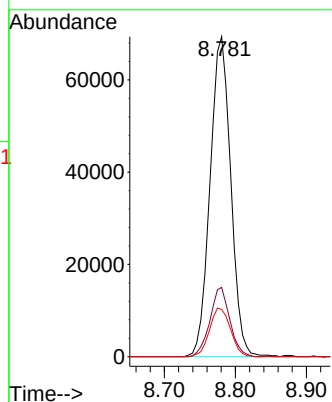
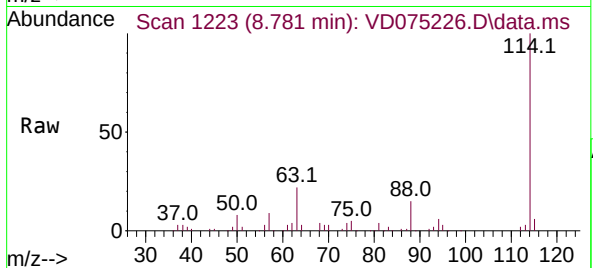
Tgt Ion:114 Resp: 140267

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.314 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075226.D

Acq: 27 Jan 2023 15:27

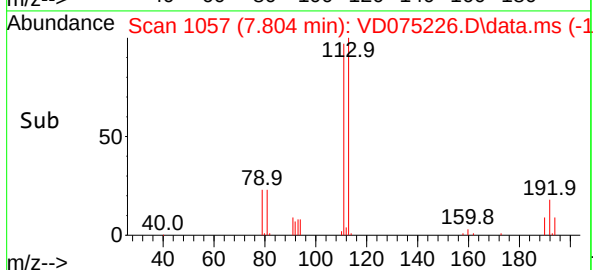
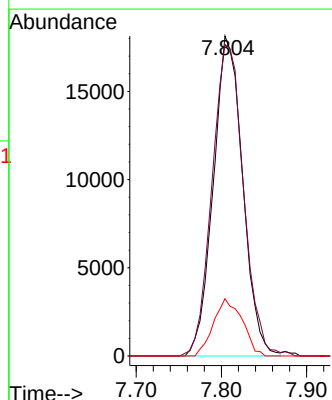
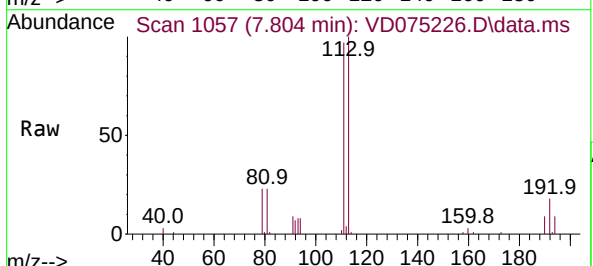
Tgt Ion:113 Resp: 43493

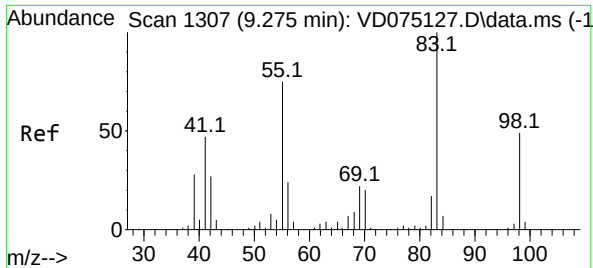
Ion Ratio Lower Upper

113 100

111 103.9 80.1 120.1

192 17.5 15.4 23.0





#39

Methylcyclohexane

Concen: 1.021 ug/l

RT: 9.275 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD075226.D

Acq: 27 Jan 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

RJ-1-012523

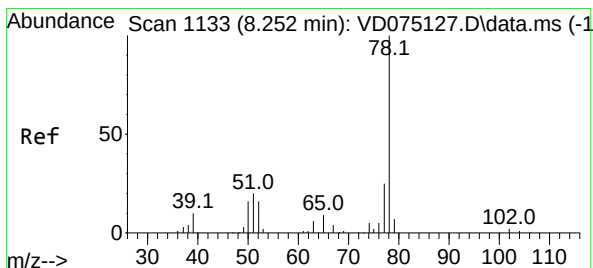
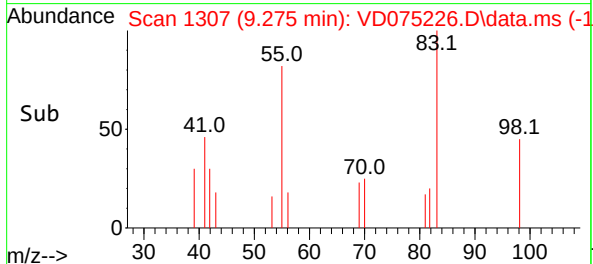
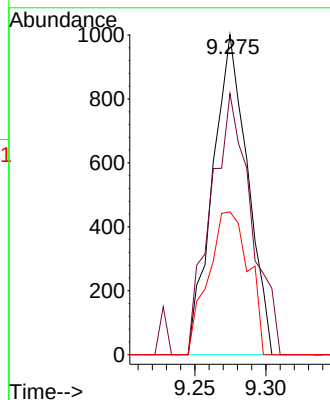
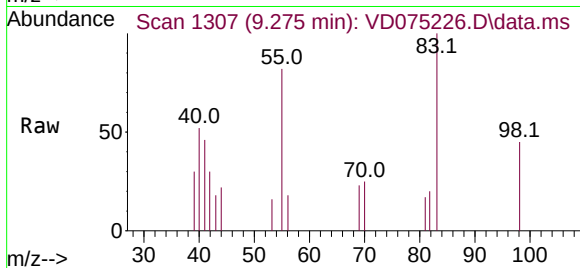
Tgt Ion: 83 Resp: 1713

Ion Ratio Lower Upper

83 100

55 81.6 60.0 90.0

98 44.7 39.0 58.4



#40

Benzene

Concen: 1.077 ug/l

RT: 8.245 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD075226.D

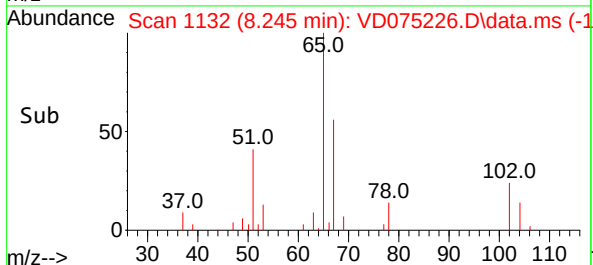
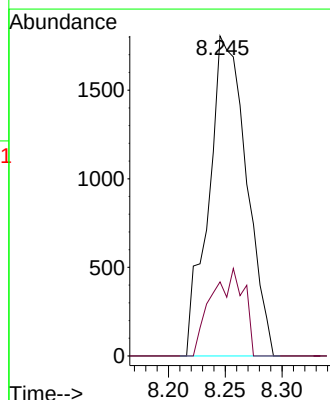
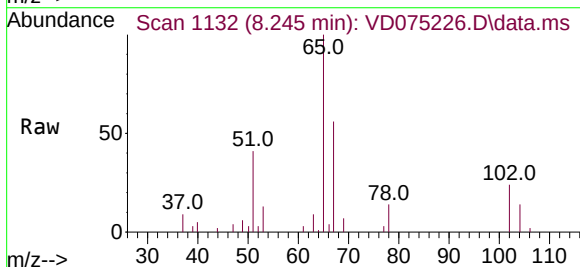
Acq: 27 Jan 2023 15:27

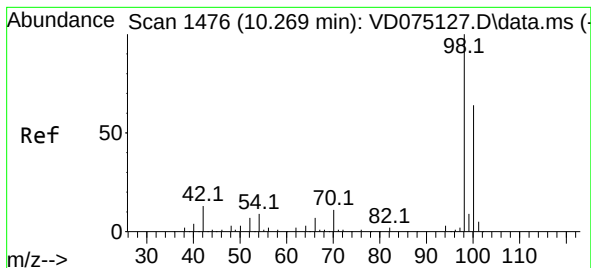
Tgt Ion: 78 Resp: 4184

Ion Ratio Lower Upper

78 100

77 23.1 19.8 29.6

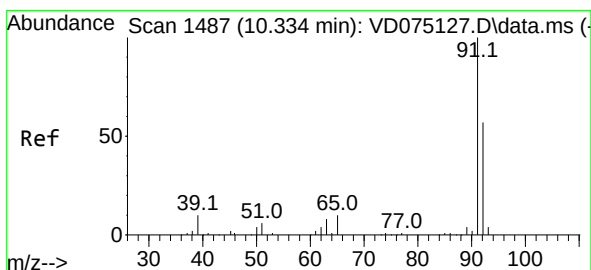
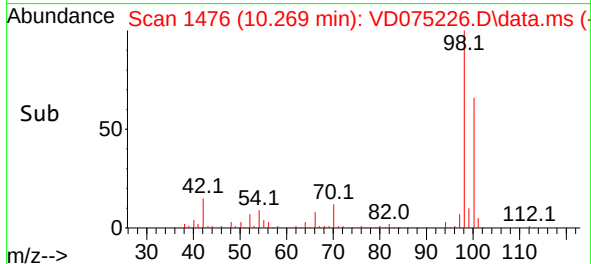
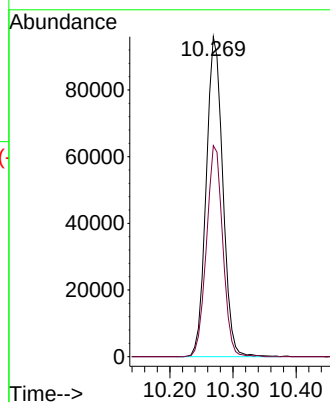
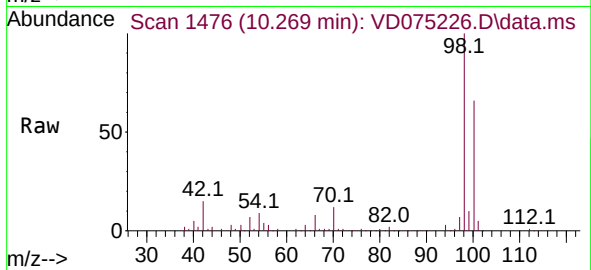




#50
Toluene-d8
Concen: 52.426 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

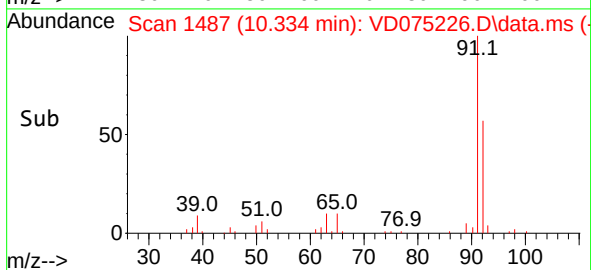
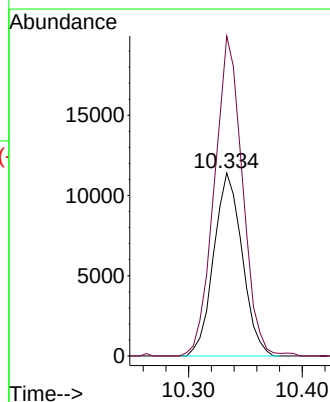
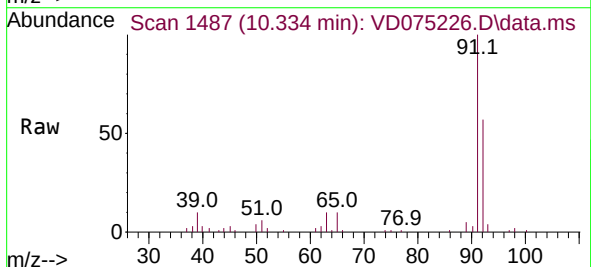
Instrument :
MSVOA_D
ClientSampleId :
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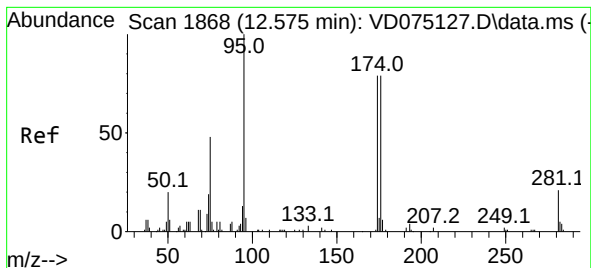
Tgt Ion: 98 Resp: 174961
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#52
Toluene
Concen: 8.080 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

Tgt Ion: 92 Resp: 19830
Ion Ratio Lower Upper
92 100
91 173.0 137.0 205.4

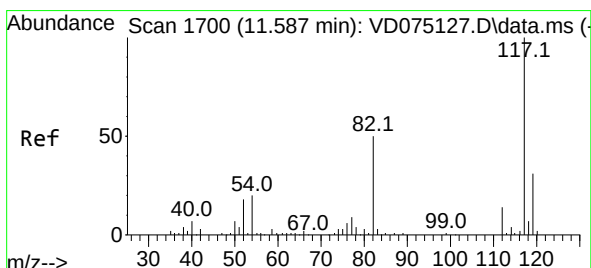
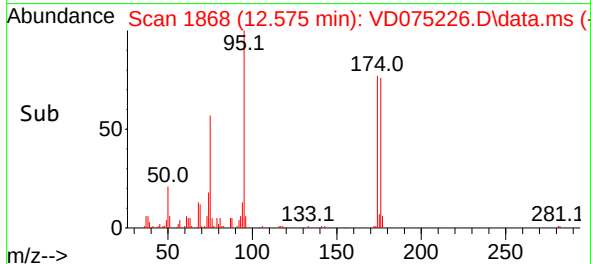
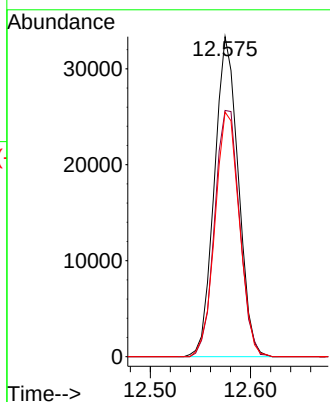
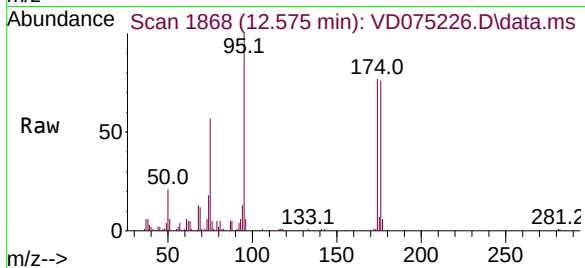




#62
4-Bromofluorobenzene
Concen: 52.130 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

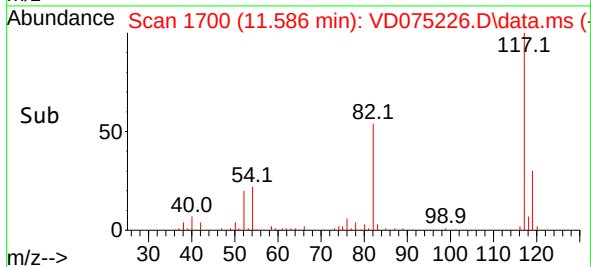
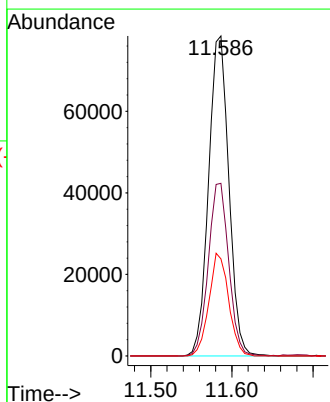
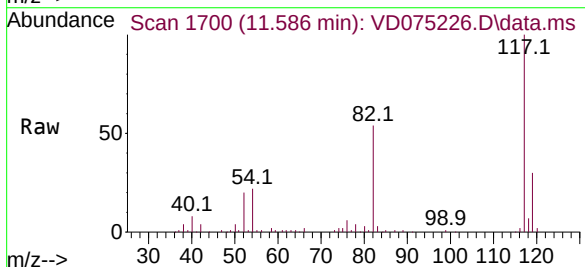
Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

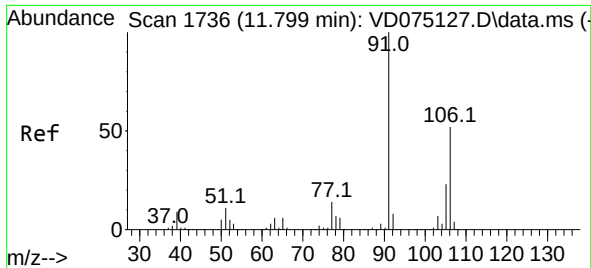
Tgt Ion:	95	Resp:	55214
Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.2
176	78.0	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

Tgt Ion:	117	Resp:	135927
Ion	Ratio	Lower	Upper
117	100		
82	53.9	39.6	59.4
119	30.4	24.6	37.0

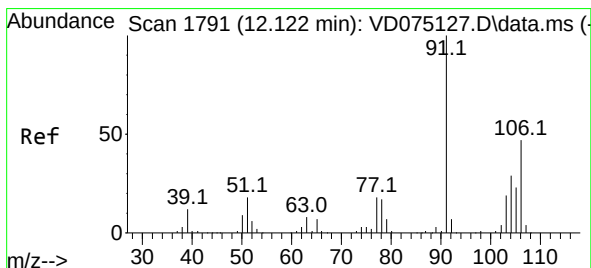
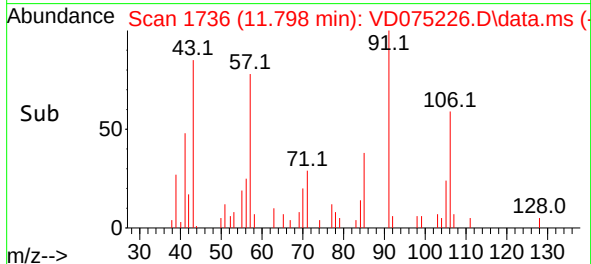
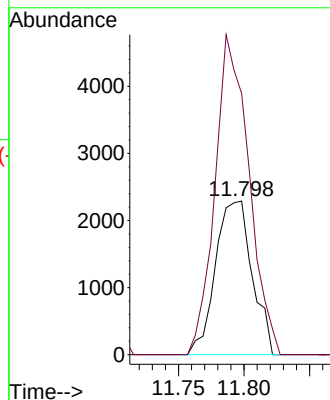
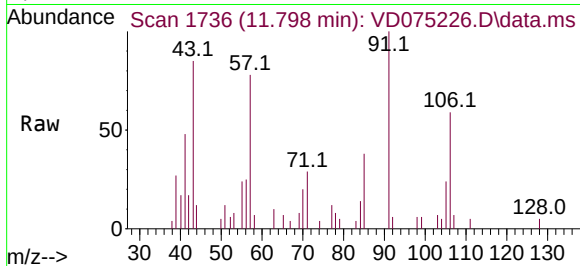




#68
m/p-Xylenes
Concen: 2.298 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

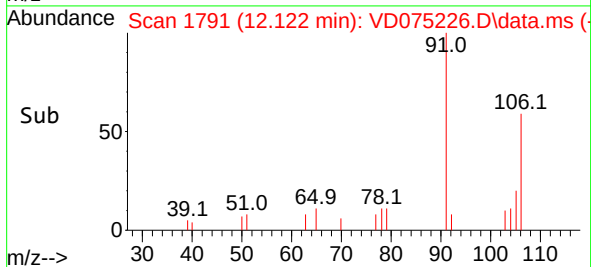
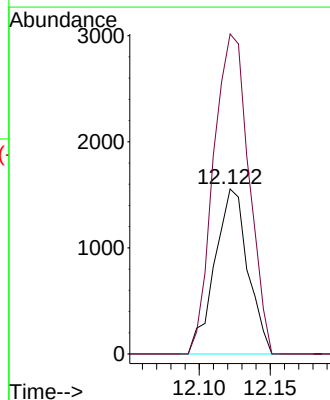
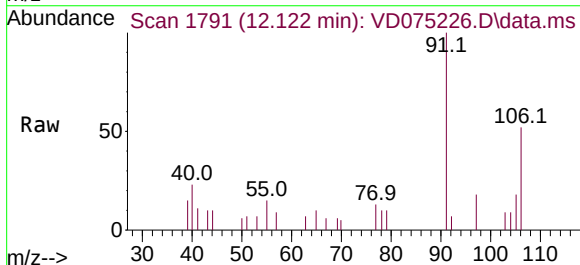
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ClientSampleId :
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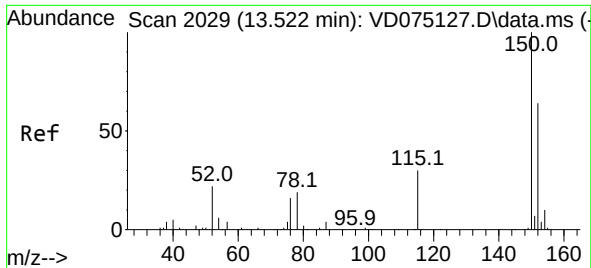
Tgt Ion:106 Resp: 4451
Ion Ratio Lower Upper
106 100
91 192.7 160.3 240.5



#69
o-Xylene
Concen: 1.384 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075226.D
Acq: 27 Jan 2023 15:27

Tgt Ion:106 Resp: 2515
Ion Ratio Lower Upper
106 100
91 207.6 103.6 310.9

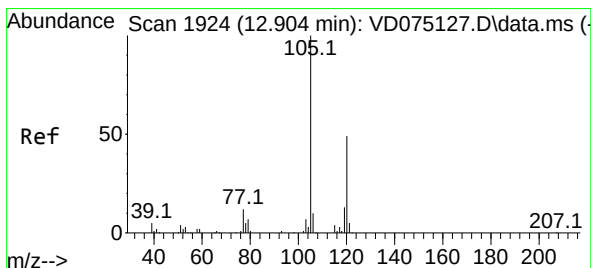
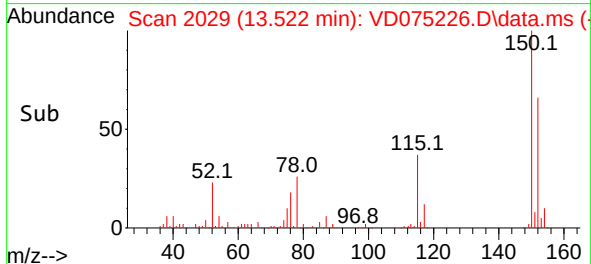
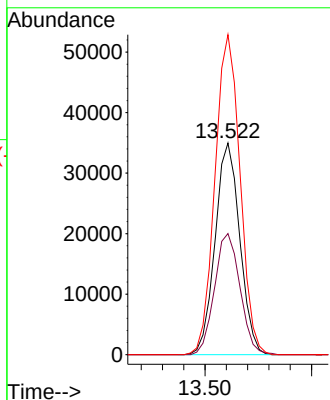
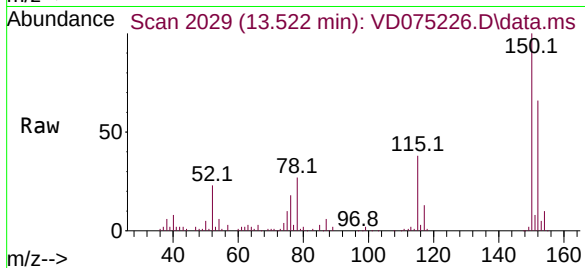




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075226.D
 Acq: 27 Jan 2023 15:27

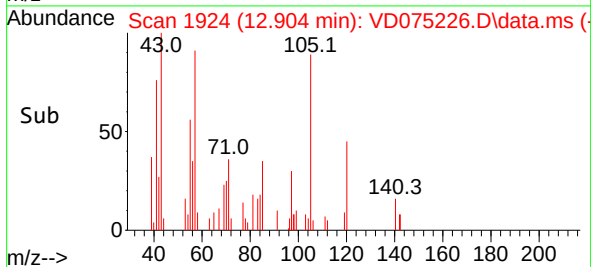
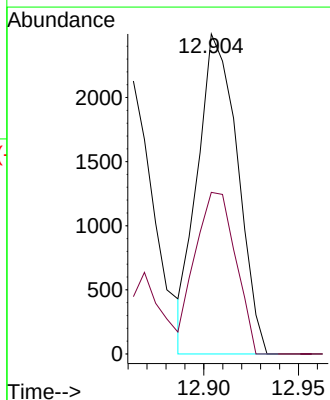
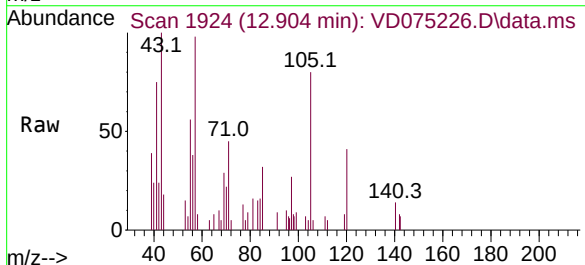
Instrument :
 MSVOA_D
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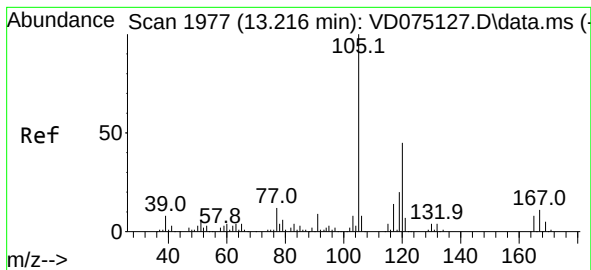
Tgt Ion:152 Resp: 56289
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.4
 150 153.2 0.0 348.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.005 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075226.D
 Acq: 27 Jan 2023 15:27

Tgt Ion:105 Resp: 3662
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.6 73.8





#84
 1,2,4-Trimethylbenzene
 Concen: 3.316 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075226.D
 Acq: 27 Jan 2023 15:27

Instrument :
 MSVOA_D
 ClientSampleId :
 RJ-1-012523

Tgt Ion:105 Resp: 11864
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.2 69.5

