

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076316.D
 Acq On : 02 Jun 2023 16:30
 Operator : KP/SY
 Sample : 03001-04
 Misc : 6.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP17-0A

Quant Time: Jun 03 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

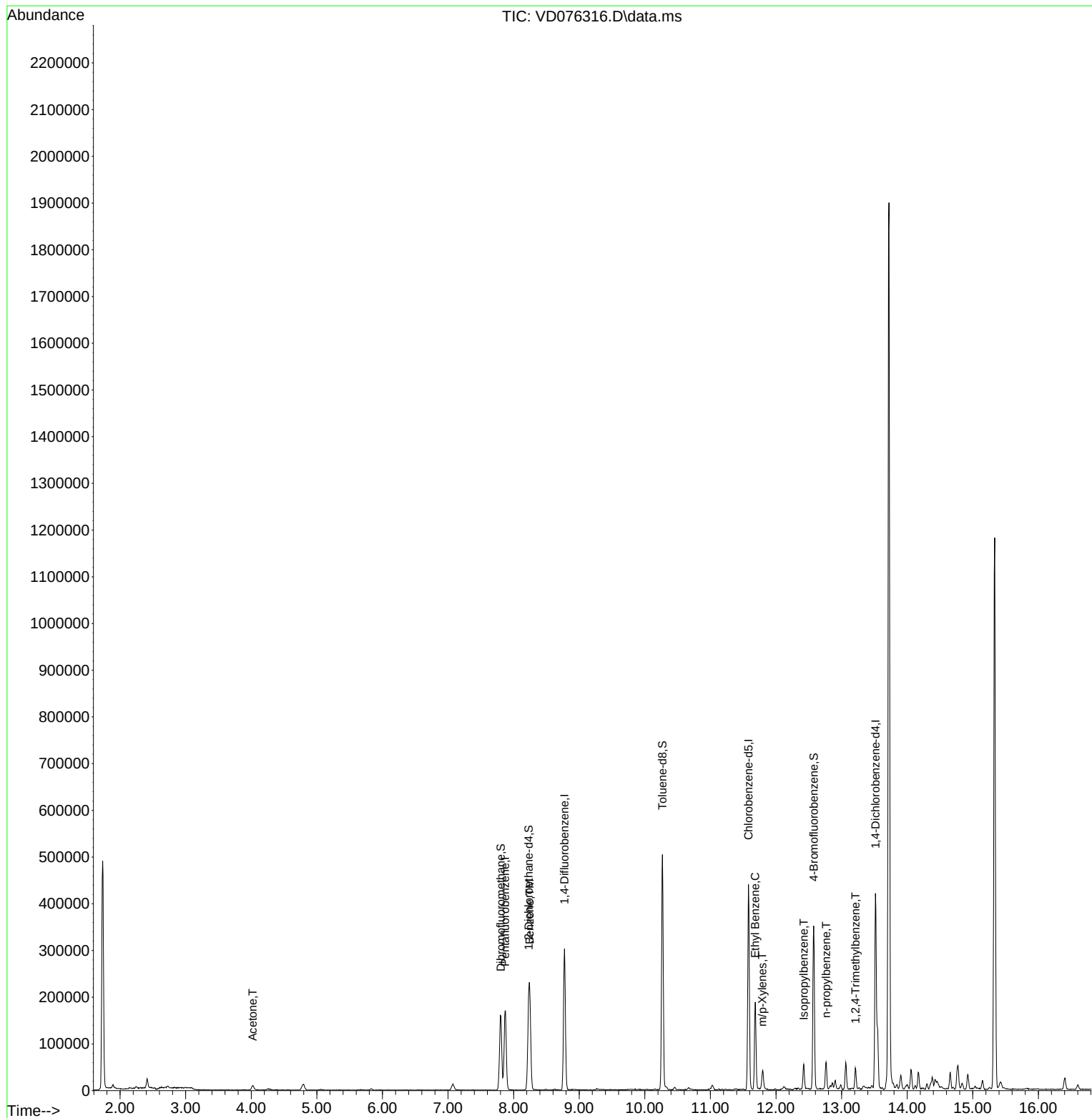
Internal Standards						
1) Pentafluorobenzene	7.869	168	145334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	289850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94574	66.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.540%	
35) Dibromofluoromethane	7.805	113	119218	62.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.620%	
50) Toluene-d8	10.269	98	367149	49.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.575	95	111085	53.987	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	15999	58.339	ug/l	98
40) Benzene	8.246	78	182140	21.688	ug/l	100
67) Ethyl Benzene	11.681	91	136628	14.597	ug/l	99
68) m/p-Xylenes	11.793	106	11885	3.070	ug/l	91
73) Isopropylbenzene	12.422	105	30250	4.135	ug/l	98
78) n-propylbenzene	12.763	91	47855	5.240	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	24099	3.877	ug/l	100

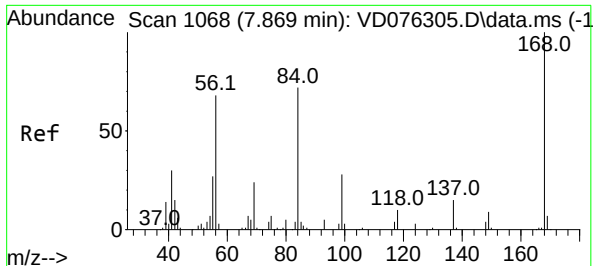
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 02:24:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 05:50:45 2023
Response via : Initial Calibration

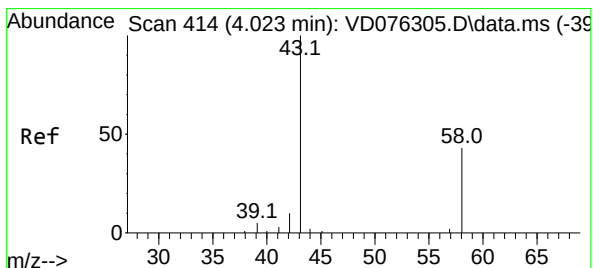
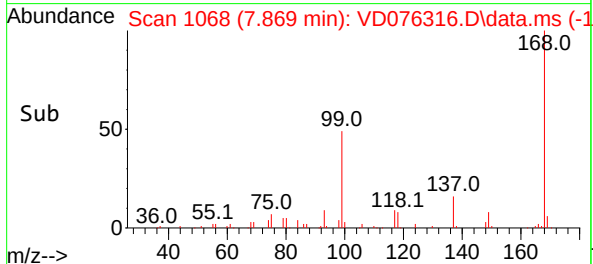
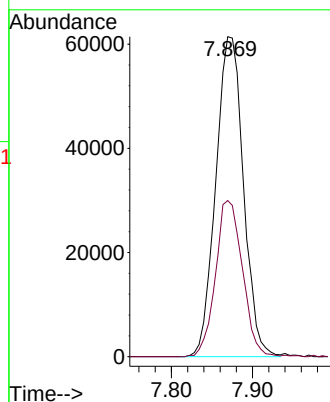
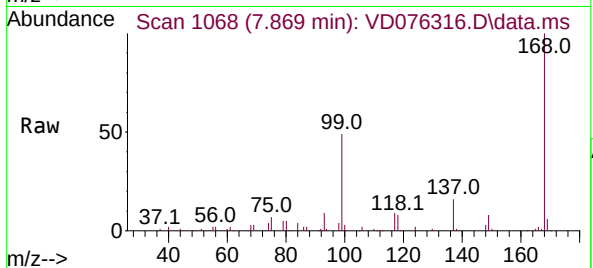




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

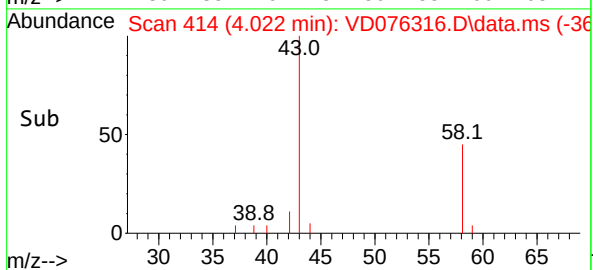
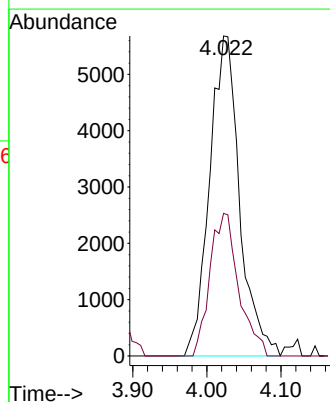
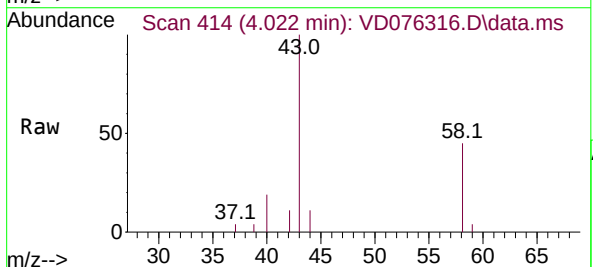
Instrument :
MSVOA_D
ClientSampleId :
TP17-0A

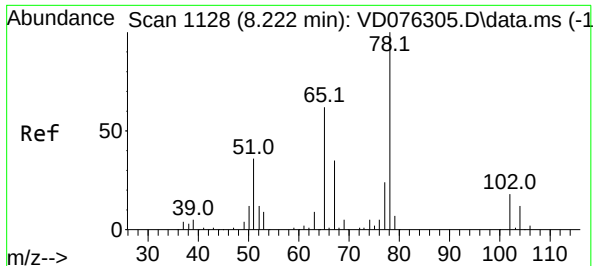
Tgt Ion:168 Resp: 145334
Ion Ratio Lower Upper
168 100
99 48.8 36.7 55.1



#16
Acetone
Concen: 58.339 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

Tgt Ion: 43 Resp: 15999
Ion Ratio Lower Upper
43 100
58 44.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 66.772 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD076316.D

Acq: 02 Jun 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

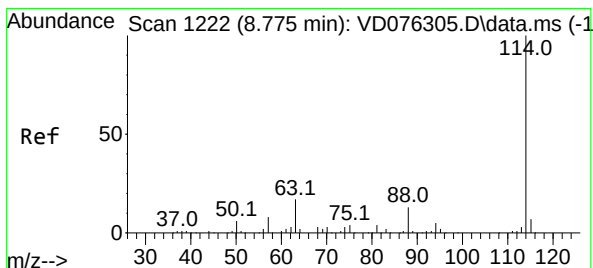
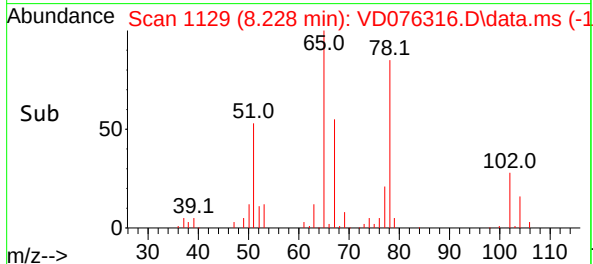
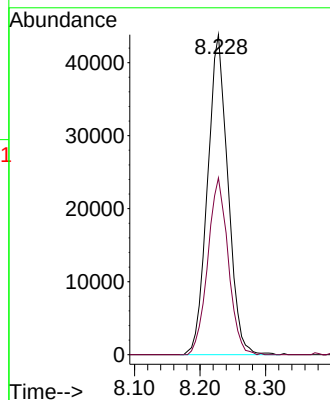
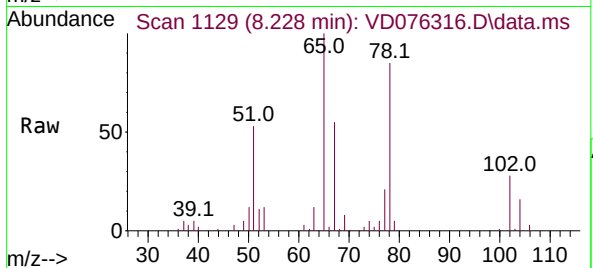
TP17-0A

Tgt Ion: 65 Resp: 94574

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076316.D

Acq: 02 Jun 2023 16:30

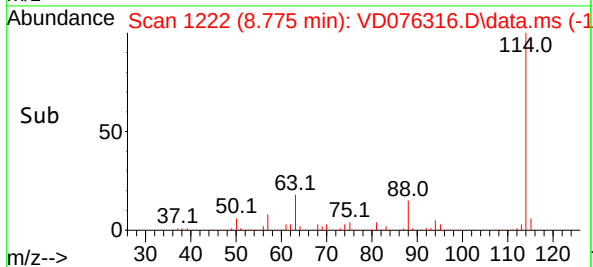
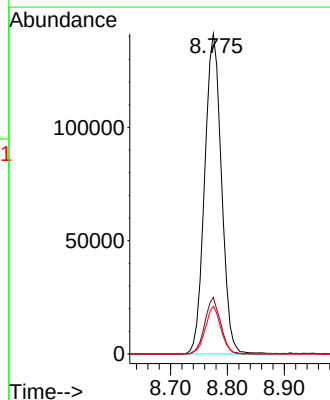
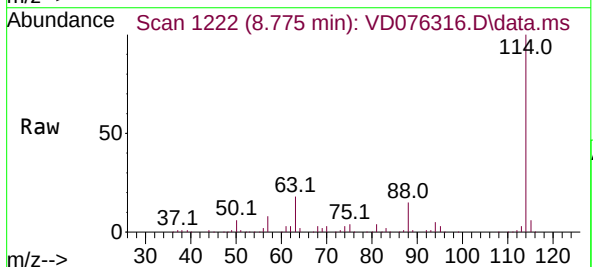
Tgt Ion: 114 Resp: 289850

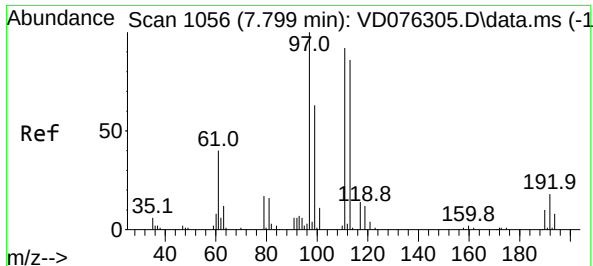
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 62.309 ug/l

RT: 7.805 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VD076316.D

Acq: 02 Jun 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

TP17-0A

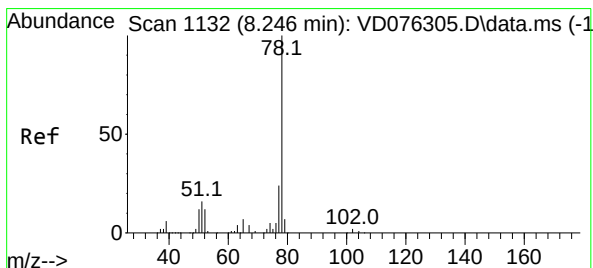
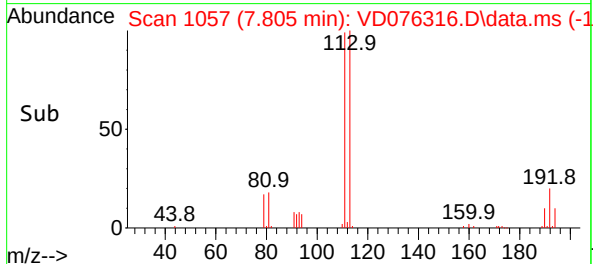
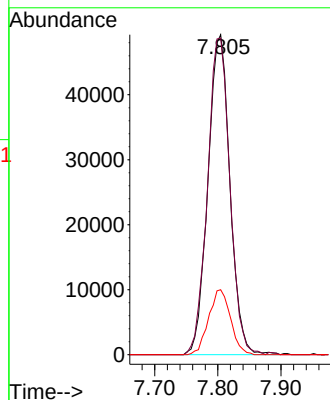
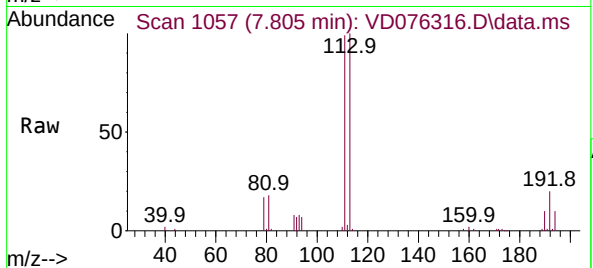
Tgt Ion:113 Resp: 119218

Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 20.2 16.8 25.2



#40

Benzene

Concen: 21.688 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076316.D

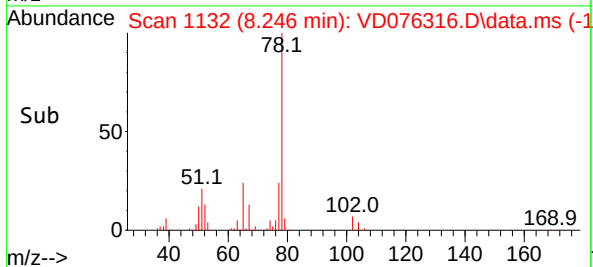
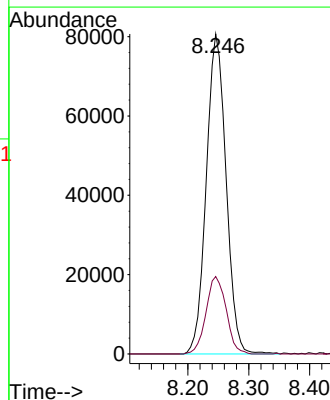
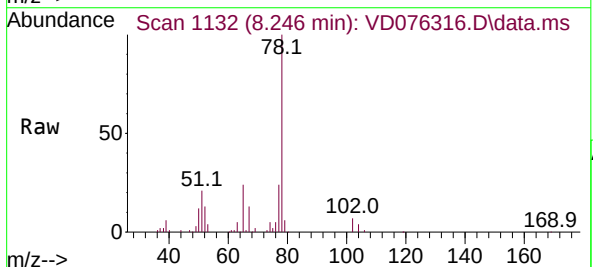
Acq: 02 Jun 2023 16:30

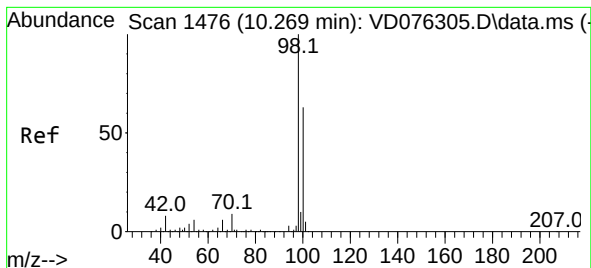
Tgt Ion: 78 Resp: 182140

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

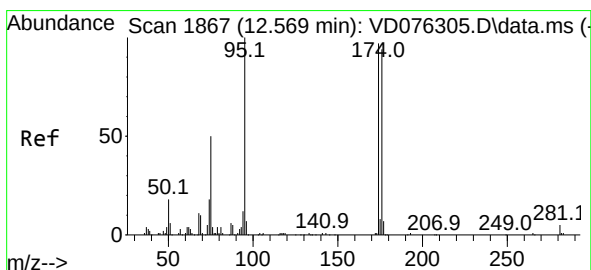
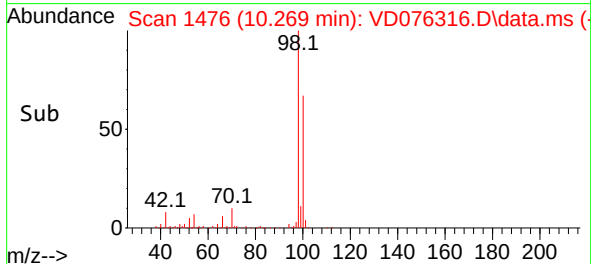
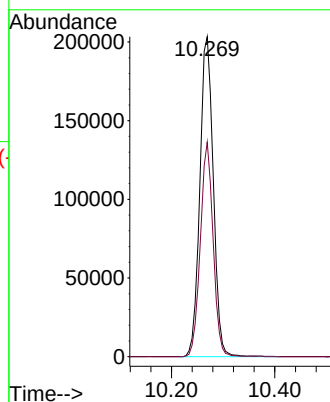
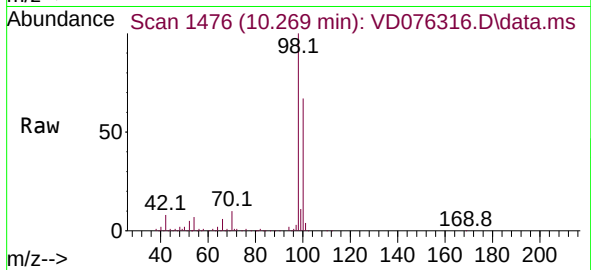




#50
Toluene-d8
Concen: 49.769 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

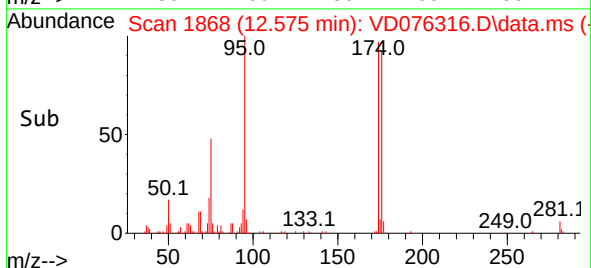
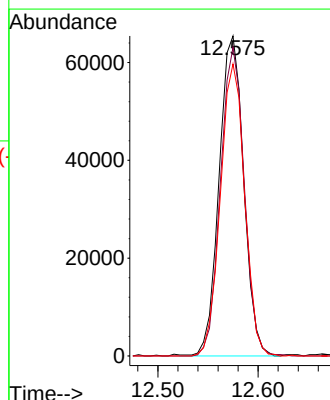
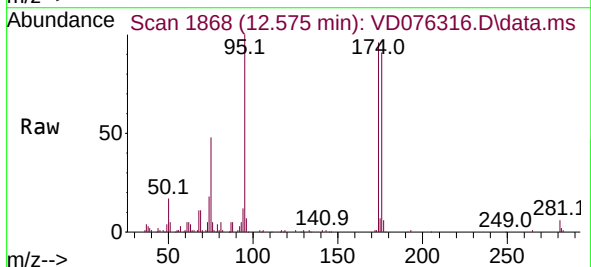
Instrument :
MSVOA_D
ClientSampleId :
TP17-0A

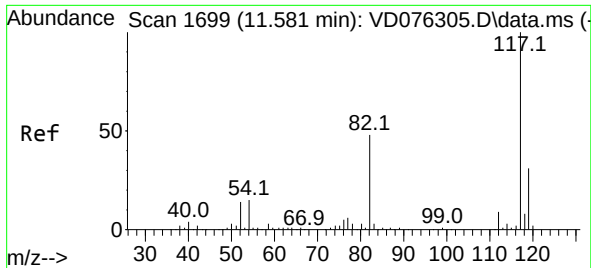
Tgt Ion: 98 Resp: 367149
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.987 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

Tgt Ion: 95 Resp: 111085
Ion Ratio Lower Upper
95 100
174 93.5 0.0 201.8
176 90.1 0.0 191.8

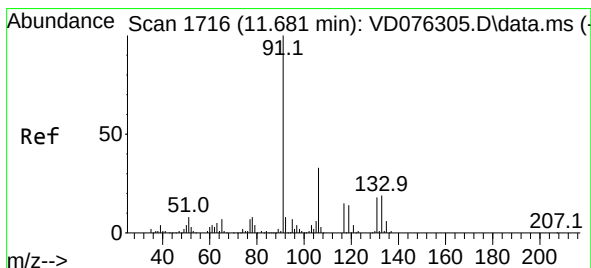
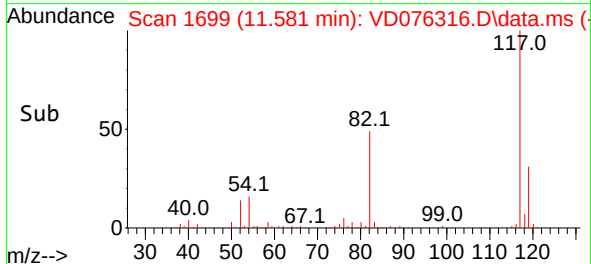
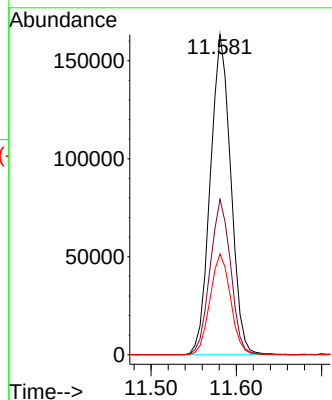
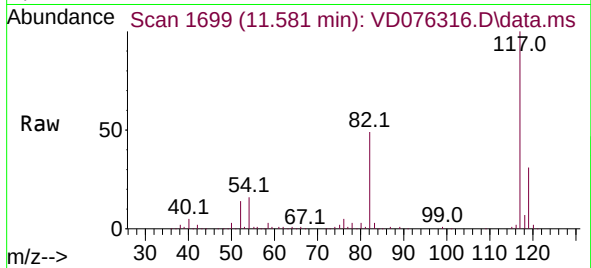




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

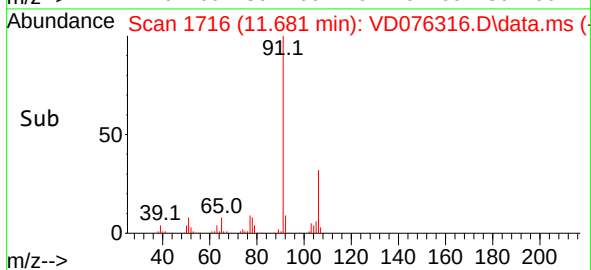
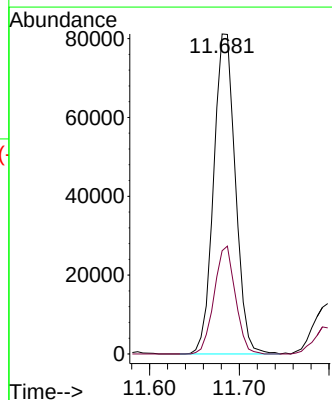
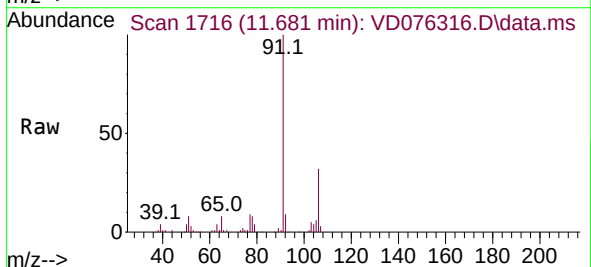
Instrument :
MSVOA_D
ClientSampleId :
TP17-0A

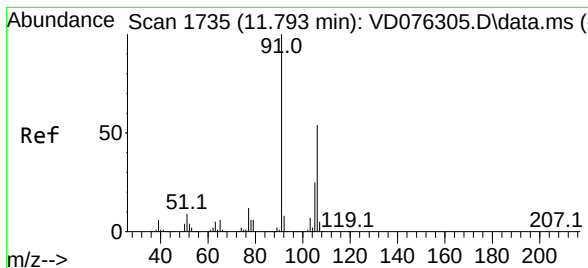
Tgt Ion:117 Resp: 272506
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 31.5 25.0 37.4



#67
Ethyl Benzene
Concen: 14.597 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

Tgt Ion: 91 Resp: 136628
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7

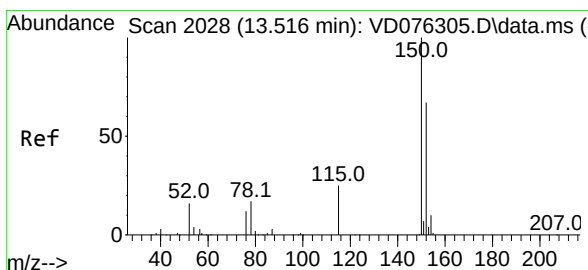
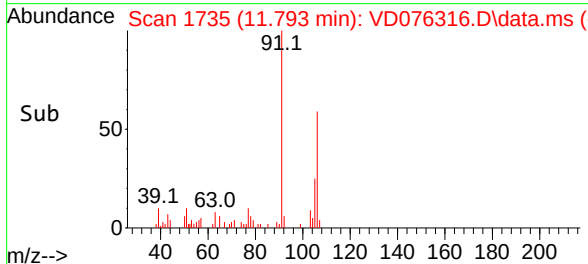
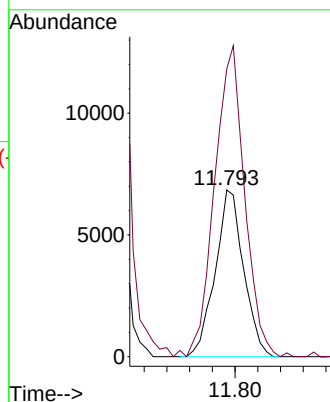
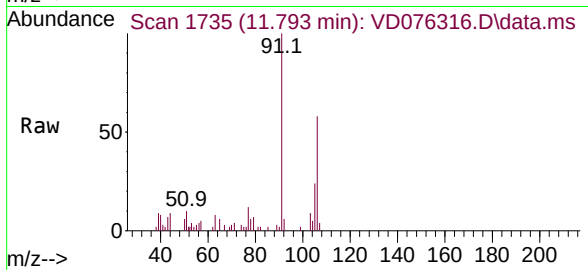




#68
m/p-Xylenes
Concen: 3.070 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

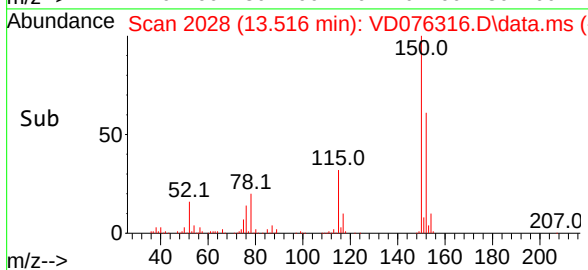
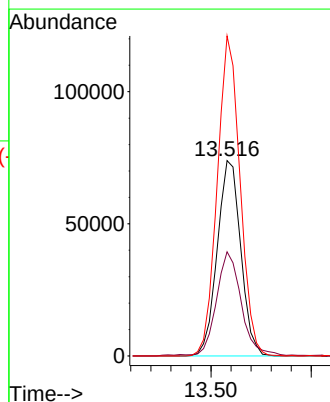
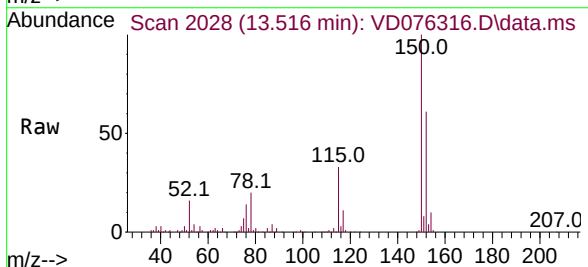
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ClientSampleId :
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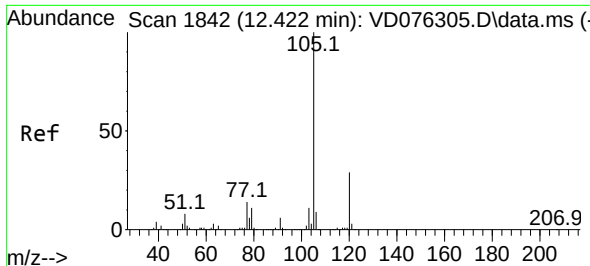
Tgt Ion:106 Resp: 11885
Ion Ratio Lower Upper
106 100
91 197.3 147.0 220.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

Tgt Ion:152 Resp: 120102
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 158.9 0.0 353.6

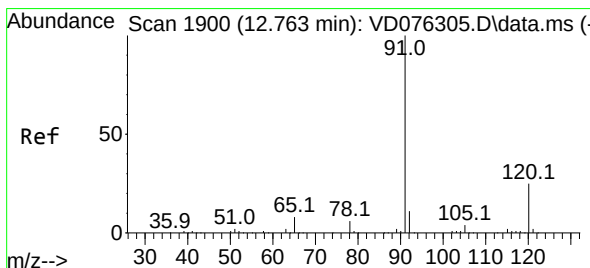
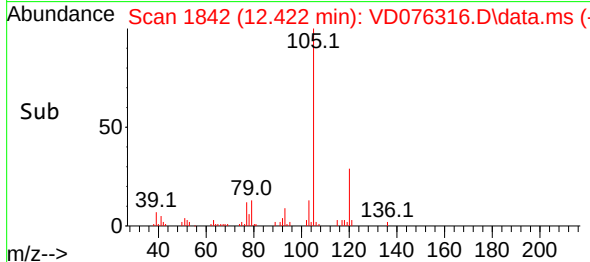
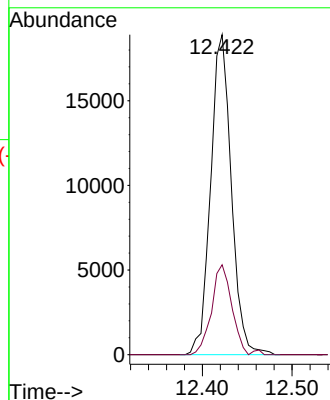
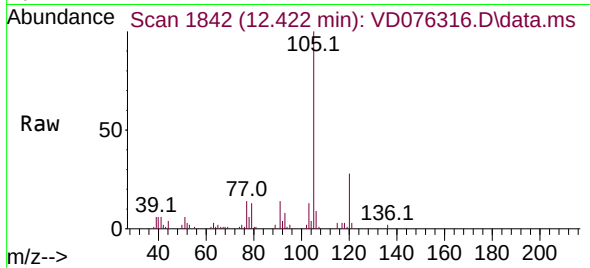




#73
Isopropylbenzene
Concen: 4.135 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

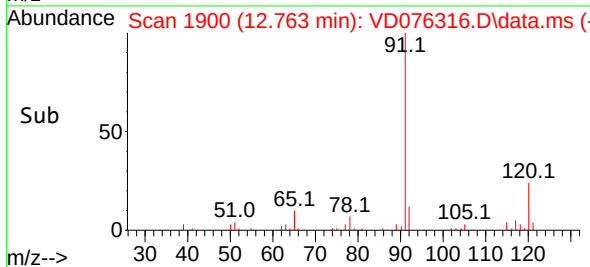
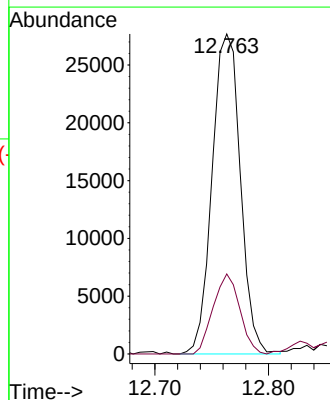
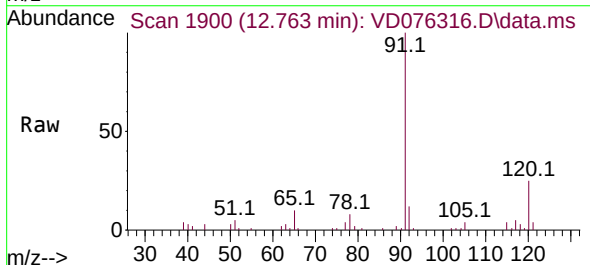
Instrument :
MSVOA_D
ClientSampleId :
TP17-0A

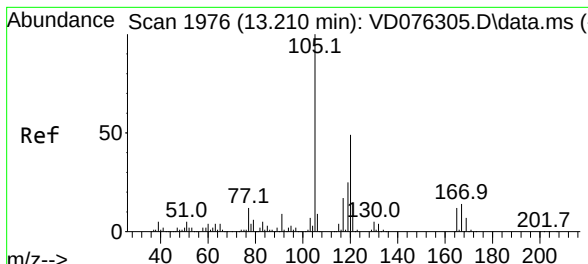
Tgt Ion:105 Resp: 30250
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#78
n-propylbenzene
Concen: 5.240 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076316.D
Acq: 02 Jun 2023 16:30

Tgt Ion: 91 Resp: 47855
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2





#84
 1,2,4-Trimethylbenzene
 Concen: 3.877 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD076316.D
 Acq: 02 Jun 2023 16:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TP17-0A

Tgt Ion:	105	Resp:	24099
Ion Ratio	Lower	Upper	
105	100		
120	48.5	24.3	72.9

