

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076129.D
 Acq On : 17 May 2023 18:14
 Operator : KP/SY
 Sample : 02816-04
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-18-051623

Quant Time: May 18 05:23:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

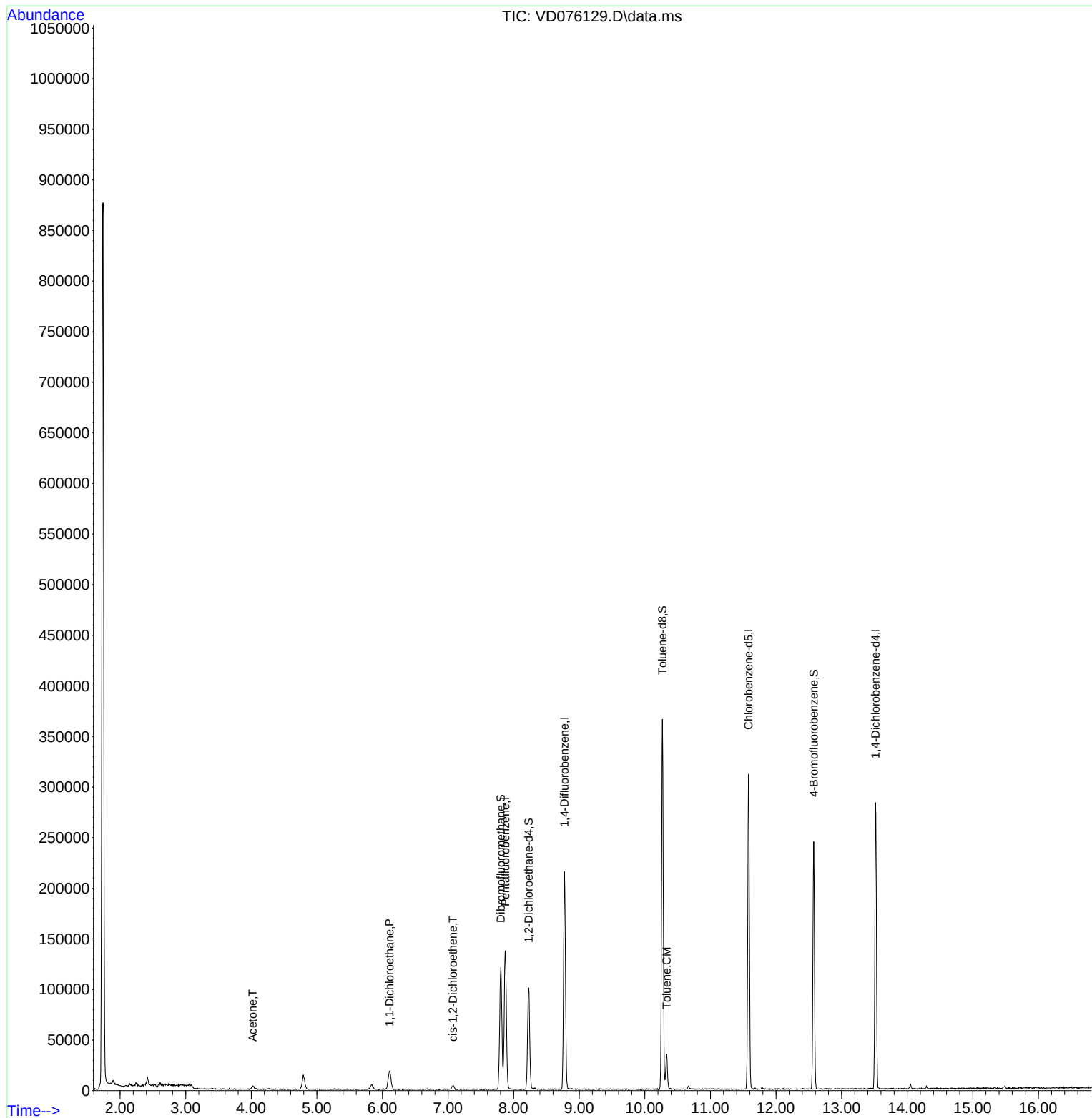
Internal Standards						
1) Pentafluorobenzene	7.875	168	112993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	203500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79328	72.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.280%
35) Dibromofluoromethane	7.804	113	89300	63.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.980%
50) Toluene-d8	10.269	98	270317	49.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.575	95	75917	49.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.680%
Target Compounds						
16) Acetone	4.022	43	6392	29.419	ug/l	94
24) 1,1-Dichloroethane	6.104	63	27418	12.085	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	2256	1.444	ug/l	66
52) Toluene	10.334	92	15542	4.074	ug/l	97

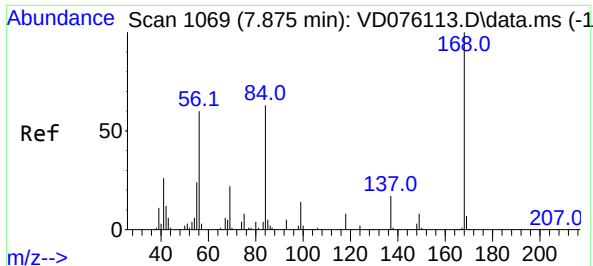
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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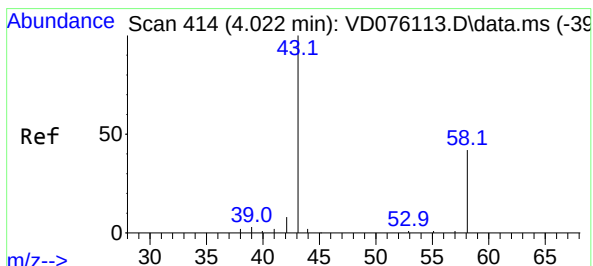
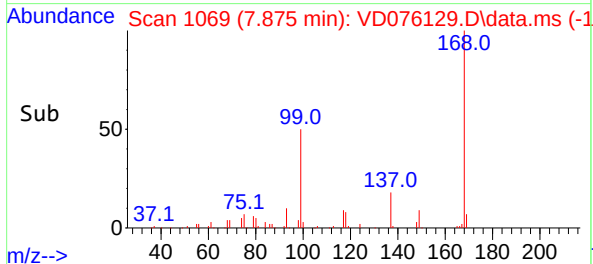
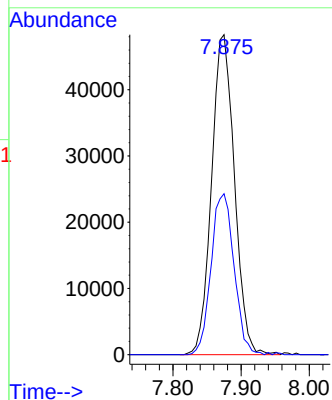
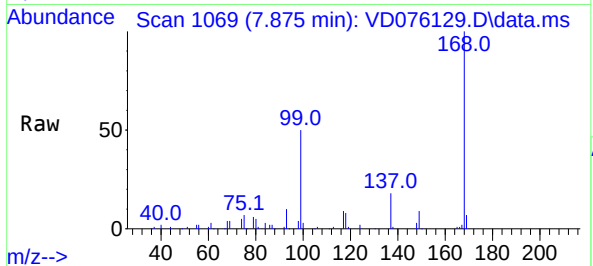




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

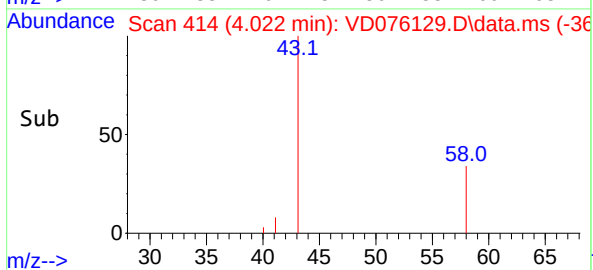
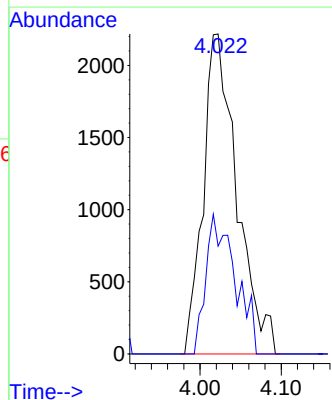
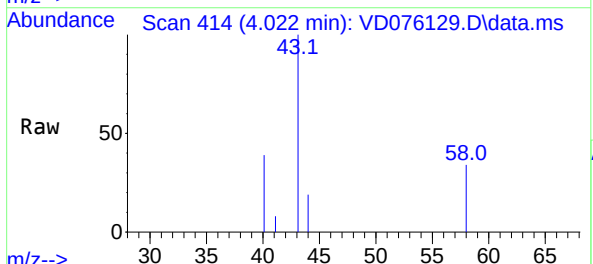
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

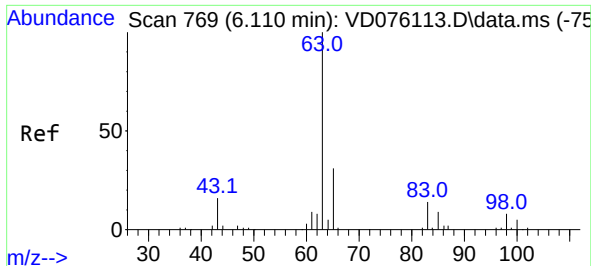
Tgt Ion:168 Resp: 112993
Ion Ratio Lower Upper
168 100
99 50.3 43.8 65.6



#16
Acetone
Concen: 29.419 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

Tgt Ion: 43 Resp: 6392
Ion Ratio Lower Upper
43 100
58 33.7 24.4 36.6

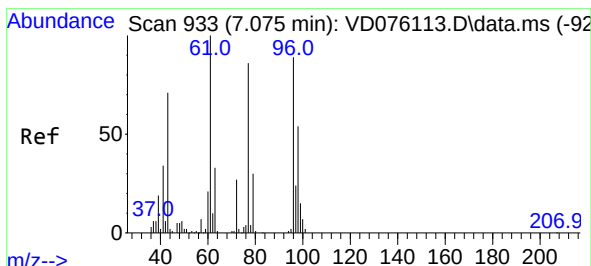
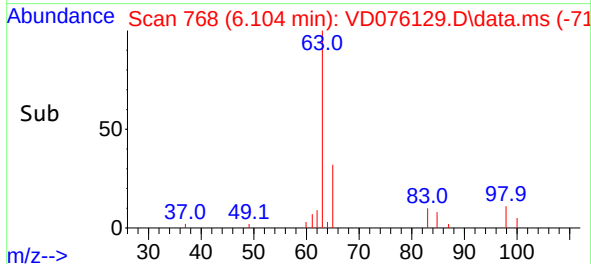
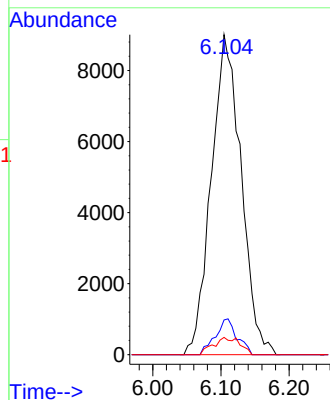
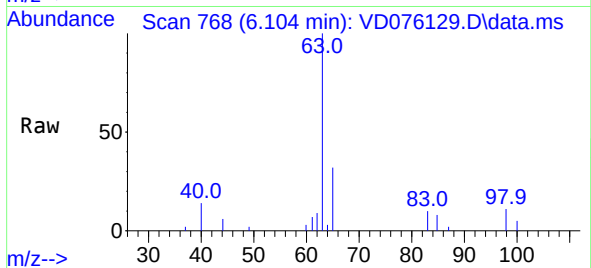




#24
1,1-Dichloroethane
Concen: 12.085 ug/l
RT: 6.104 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

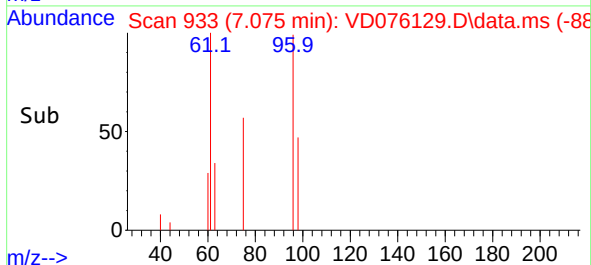
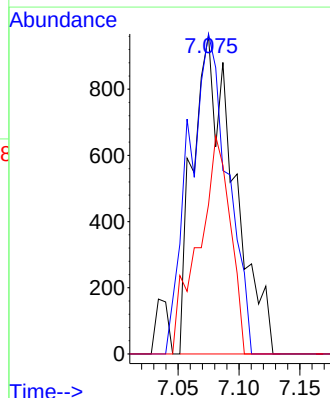
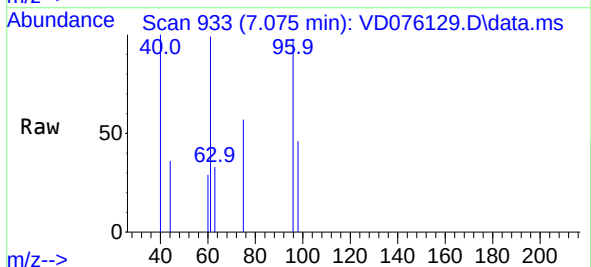
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

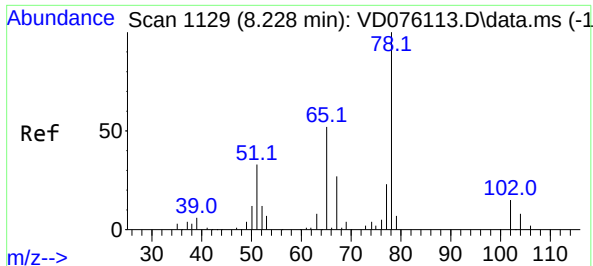
Tgt Ion:	63	Resp:	27418
Ion	Ratio	Lower	Upper
63	100		
98	10.8	3.9	11.7
100	5.4	2.0	6.0



#27
cis-1,2-Dichloroethene
Concen: 1.444 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

Tgt Ion:	96	Resp:	2256
Ion	Ratio	Lower	Upper
96	100		
61	95.1	0.0	295.2
98	53.1	0.0	129.2





#33

1,2-Dichloroethane-d4

Concen: 72.641 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076129.D

Acq: 17 May 2023 18:14

Instrument :

MSVOA_D

ClientSampleId :

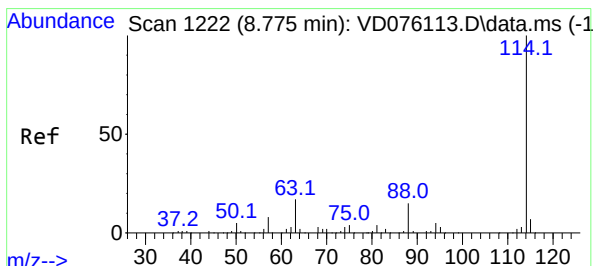
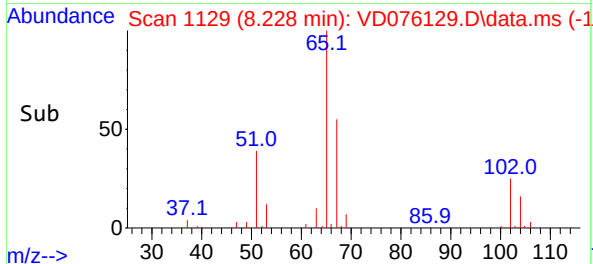
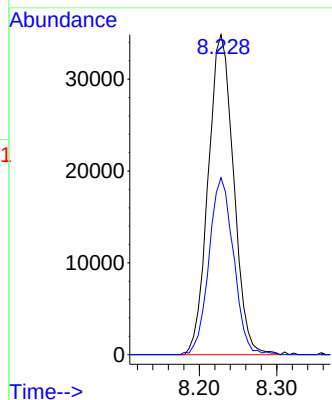
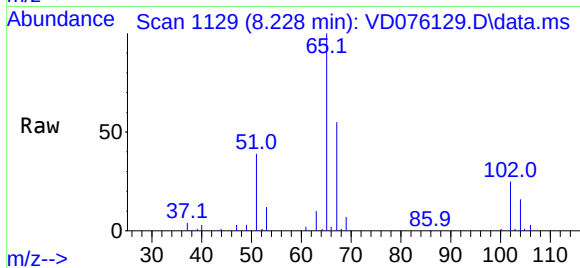
CB-22-K2-SO-18-051623

Tgt Ion: 65 Resp: 79328

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076129.D

Acq: 17 May 2023 18:14

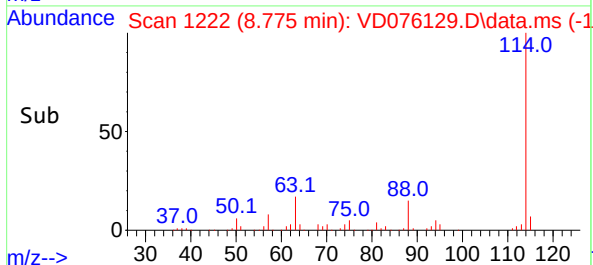
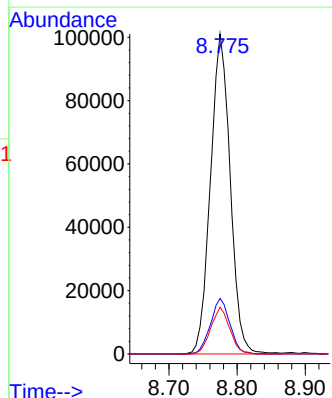
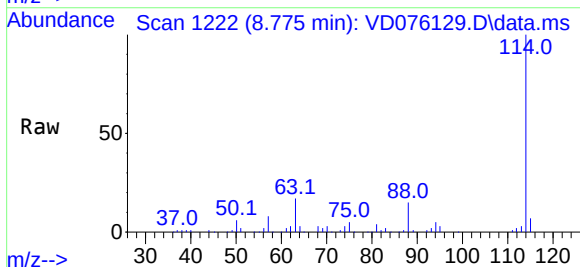
Tgt Ion: 114 Resp: 203500

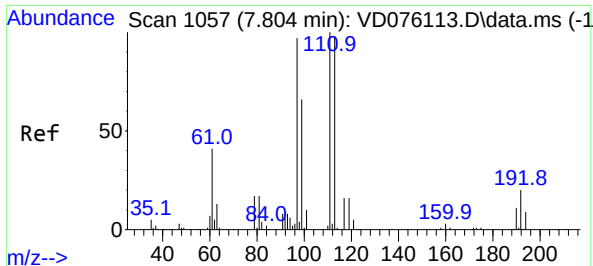
Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 14.6 0.0 30.6

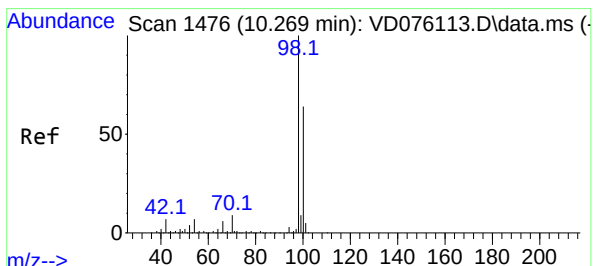
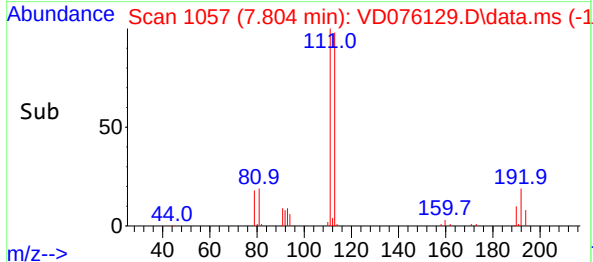
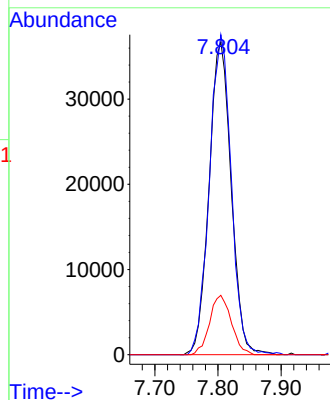
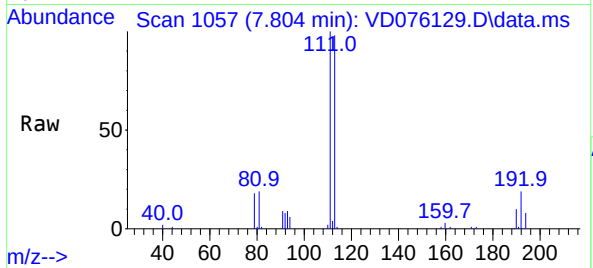




#35
Dibromofluoromethane
Concen: 63.485 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

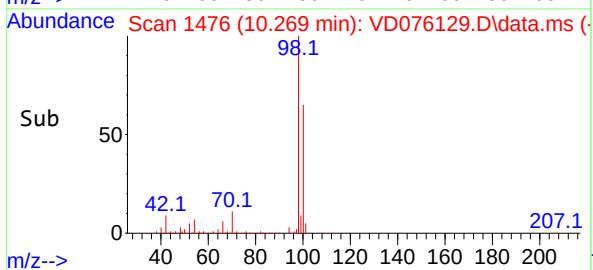
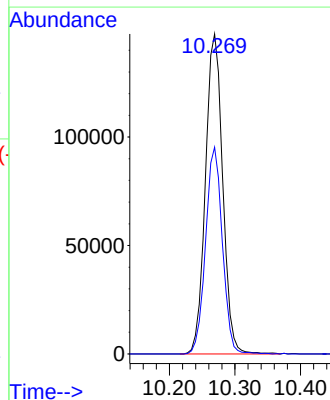
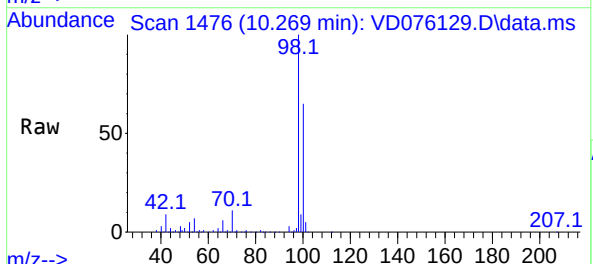
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-18-051623

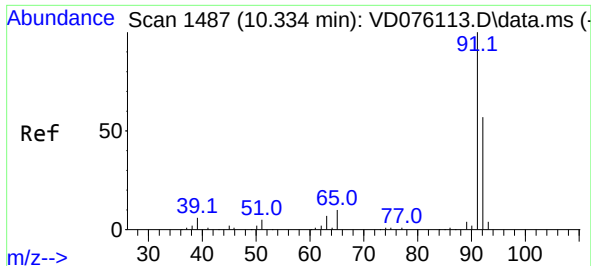
Tgt Ion:	113	Resp:	89300
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	18.7	15.2	22.8



#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

Tgt Ion:	98	Resp:	270317
Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.1	78.1

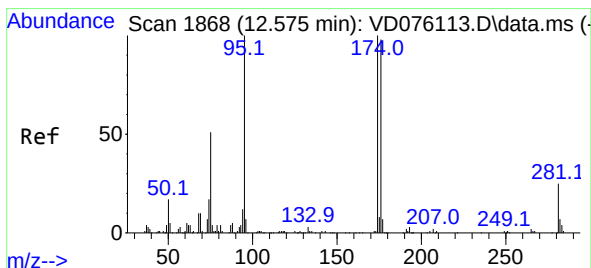
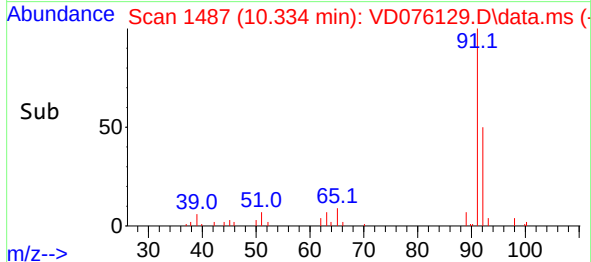
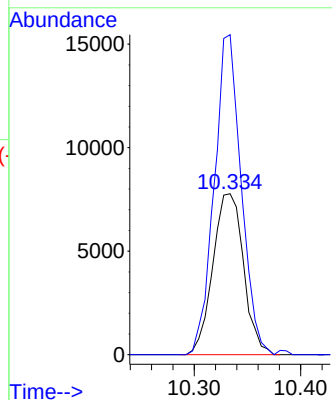
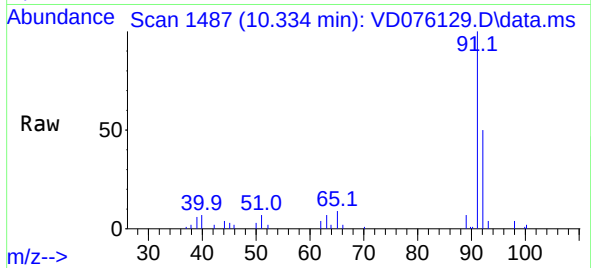




#52
Toluene
Concen: 4.074 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

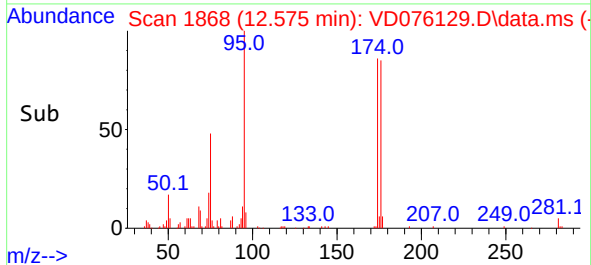
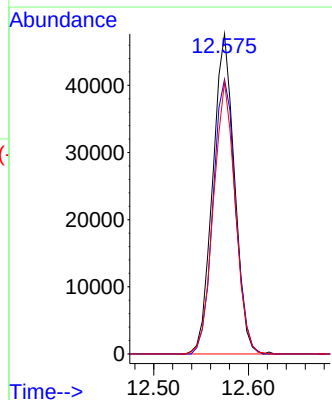
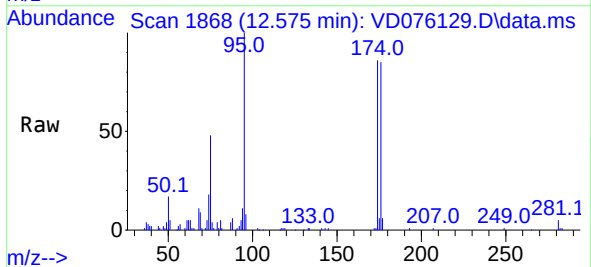
Instrument : MSVOA_D
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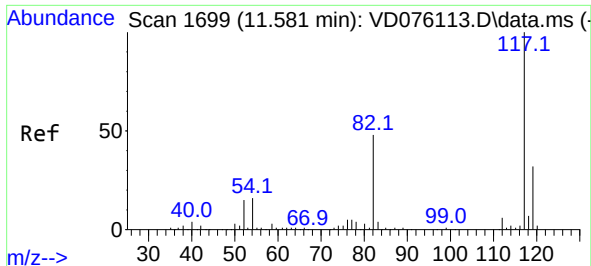
Tgt Ion: 92 Resp: 15542
Ion Ratio Lower Upper
92 100
91 174.9 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 49.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

Tgt Ion: 95 Resp: 75917
Ion Ratio Lower Upper
95 100
174 88.6 0.0 164.0
176 85.1 0.0 156.8

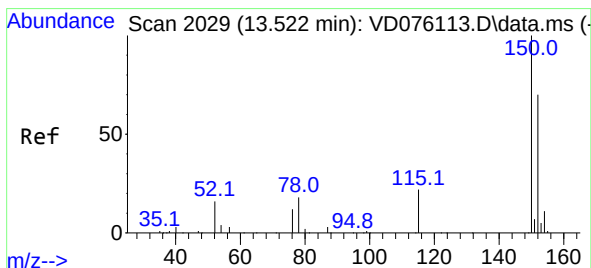
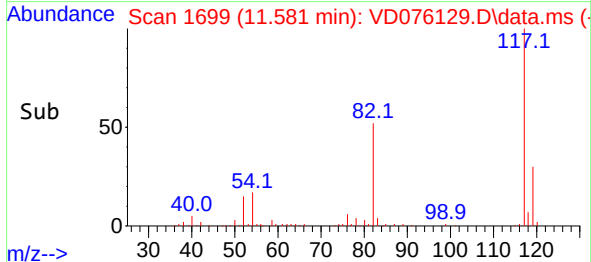
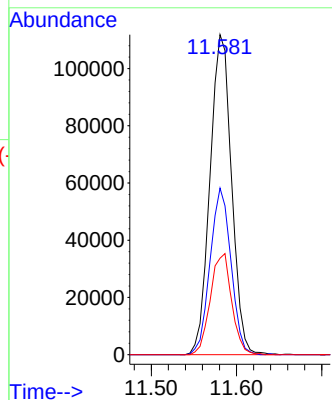
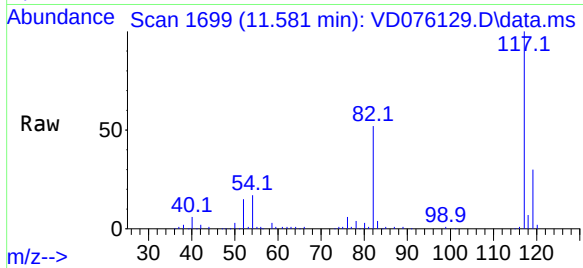




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

Tgt Ion:117 Resp: 197118
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 30.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076129.D
Acq: 17 May 2023 18:14

Tgt Ion:152 Resp: 81740
Ion Ratio Lower Upper
152 100
115 54.2 30.1 90.3
150 158.8 0.0 364.8

