

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076144.D
 Acq On : 18 May 2023 17:00
 Operator : KP/SY
 Sample : 02816-03
 Misc : 6.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-11-051623

Quant Time: May 19 01:54:15 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)

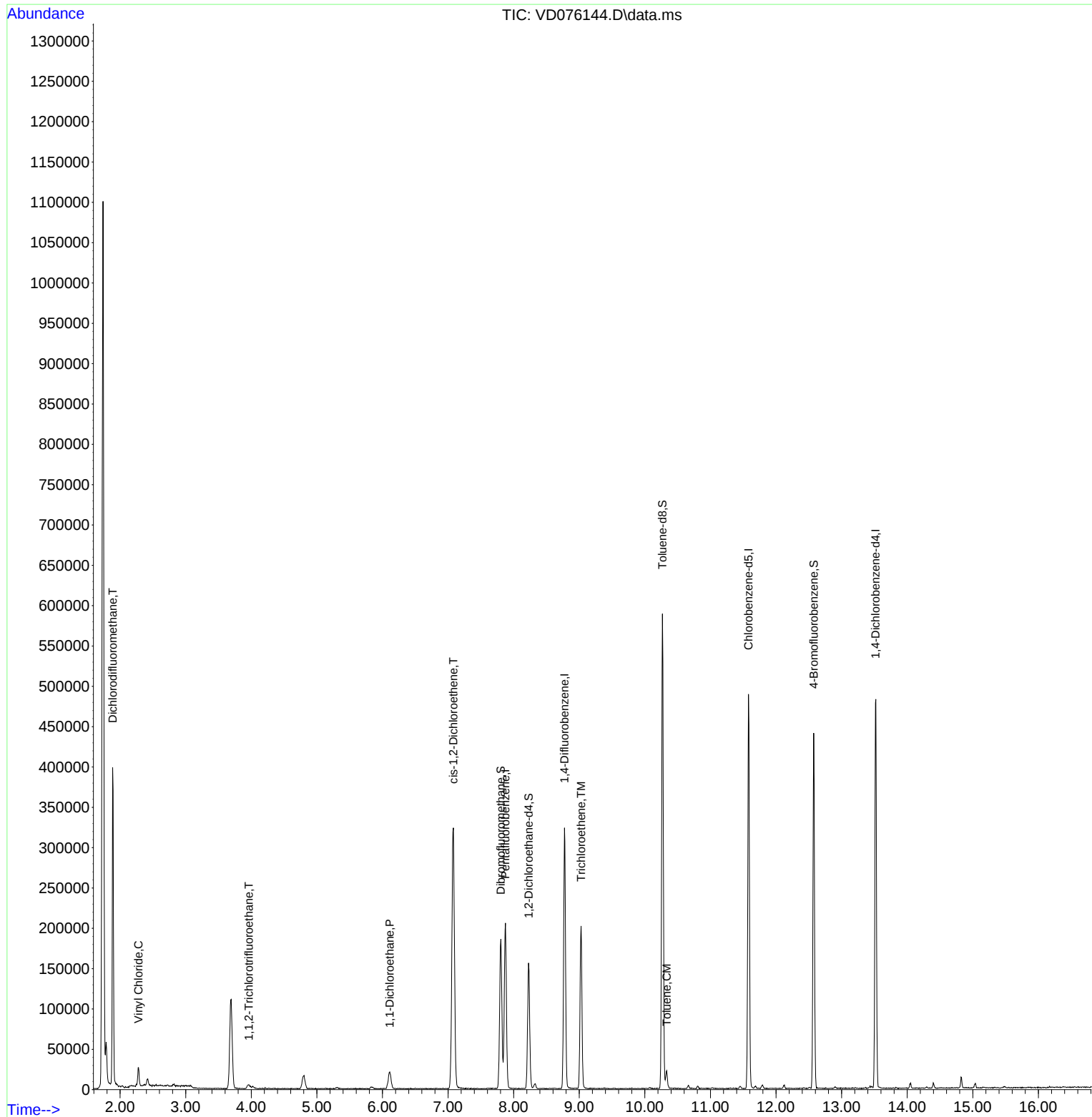
Internal Standards						
1) Pentafluorobenzene	7.875	168	163662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	304816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	117858	74.511	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.020%			
35) Dibromofluoromethane	7.804	113	137014	65.436	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.880%			
50) Toluene-d8	10.269	98	433052	53.054	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.575	95	129017	56.901	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.887	85	50444	34.175	ug/l	94
4) Vinyl Chloride	2.281	62	20441	6.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	3679	2.070	ug/l #	81
24) 1,1-Dichloroethane	6.110	63	31473	9.577	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	229732	101.550	ug/l	77
44) Trichloroethene	9.028	130	79074	30.861	ug/l	93
52) Toluene	10.334	92	9490	1.671	ug/l	98

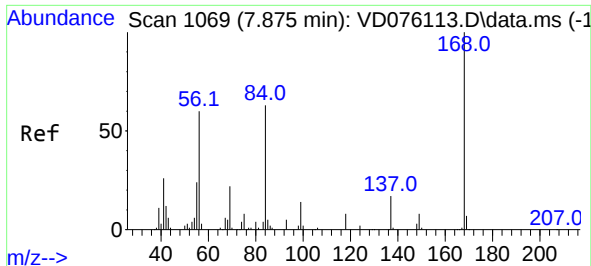
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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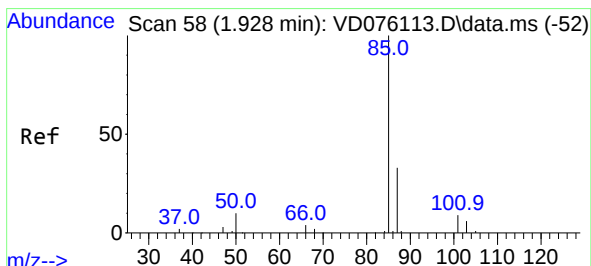
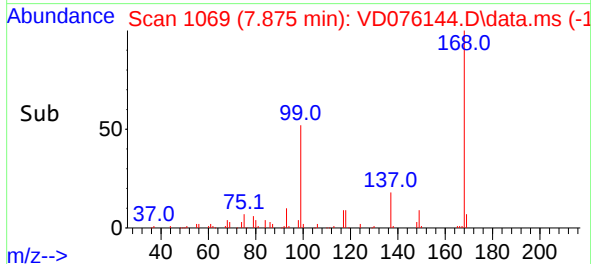
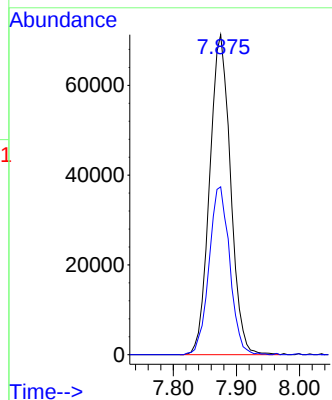
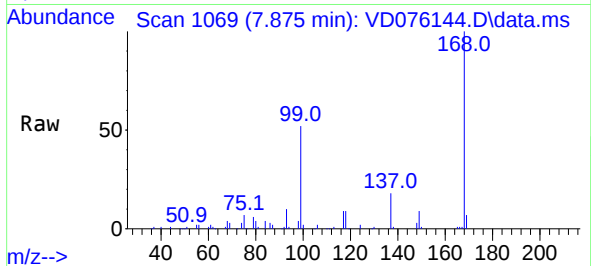




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

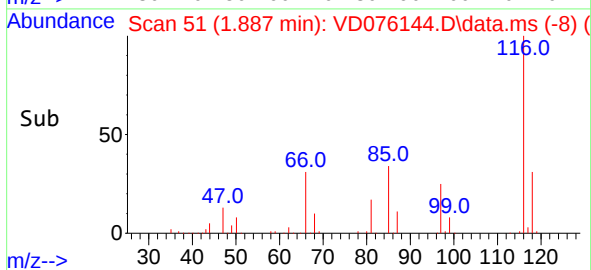
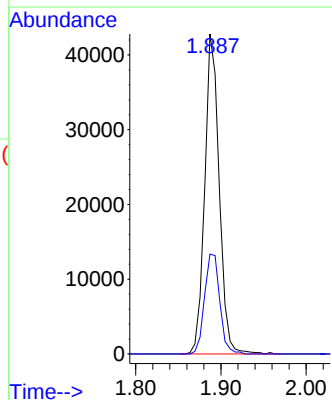
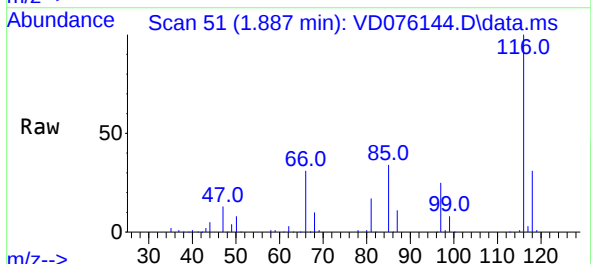
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-11-051623

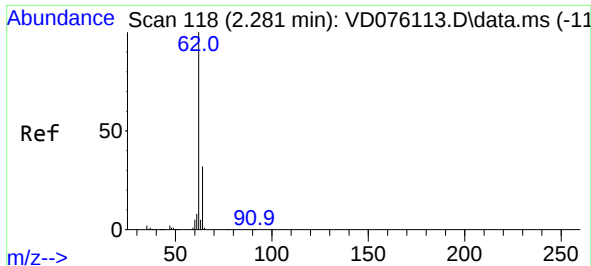
Tgt Ion:168 Resp: 163662
Ion Ratio Lower Upper
168 100
99 52.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 34.175 ug/l
RT: 1.887 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

Tgt Ion: 85 Resp: 50444
Ion Ratio Lower Upper
85 100
87 31.2 17.3 51.7

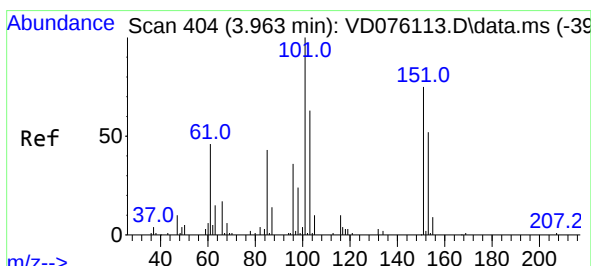
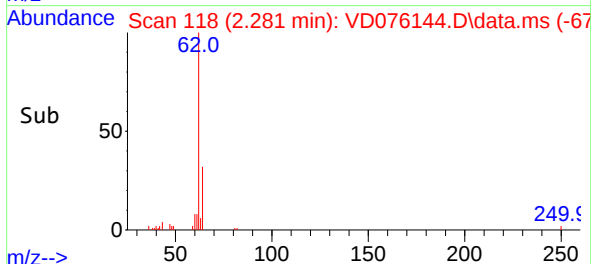
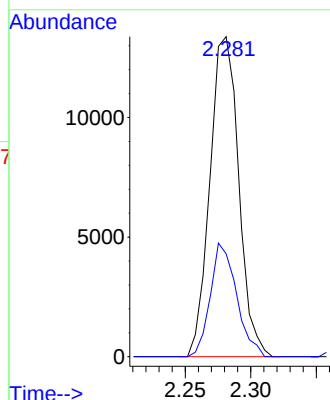
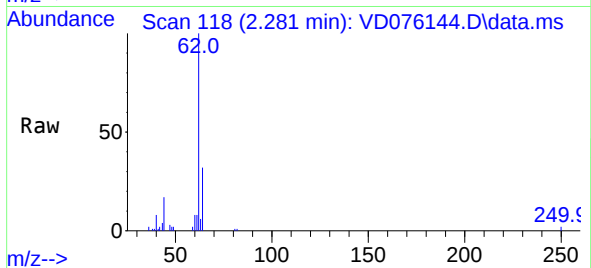




#4
 Vinyl Chloride
 Concen: 6.421 ug/l
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076144.D
 Acq: 18 May 2023 17:00

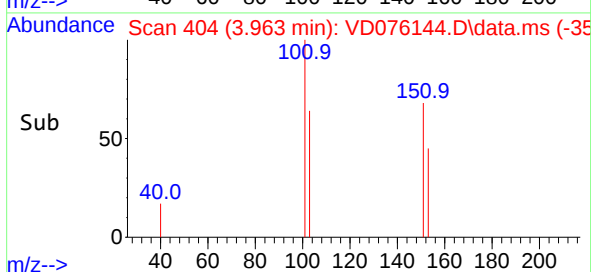
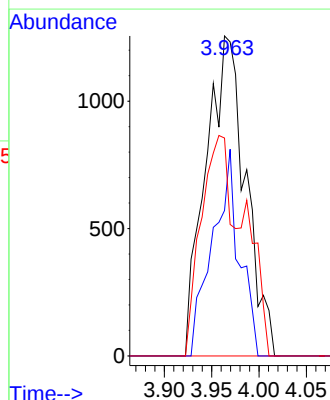
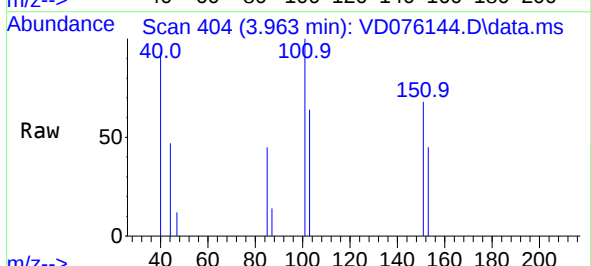
Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-11-051623

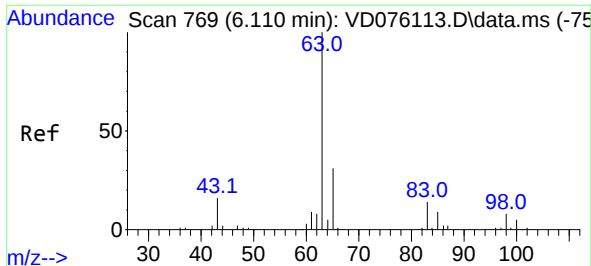
Tgt Ion: 62 Resp: 20441
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.4 38.0



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.070 ug/l
 RT: 3.963 min Scan# 404
 Delta R.T. -0.001 min
 Lab File: VD076144.D
 Acq: 18 May 2023 17:00

Tgt Ion: 101 Resp: 3679
 Ion Ratio Lower Upper
 101 100
 85 43.2 38.3 57.5
 151 52.4 60.4 90.6#



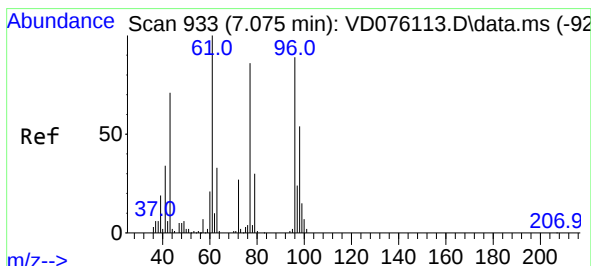
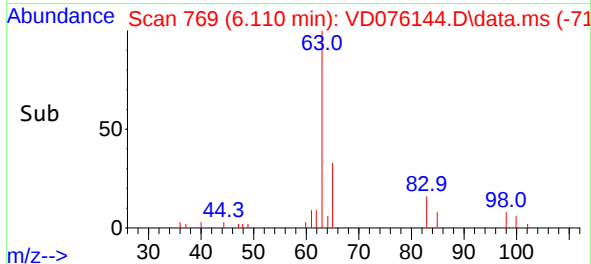
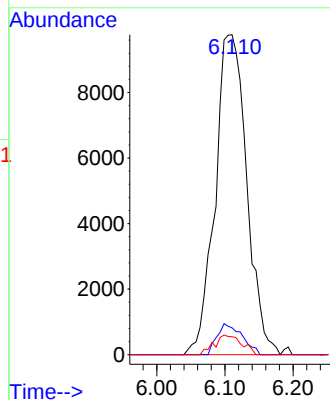
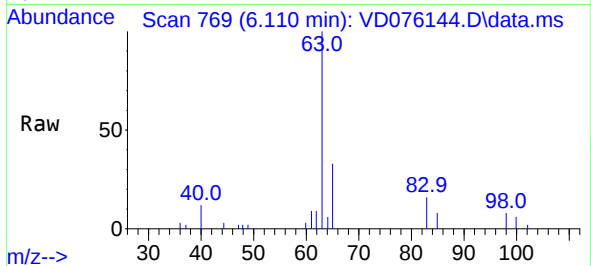


#24
1,1-Dichloroethane
Concen: 9.577 ug/l
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion: 63 Resp: 31473

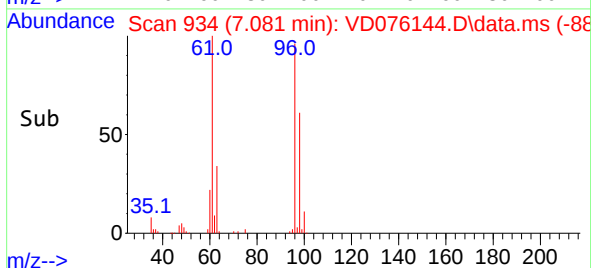
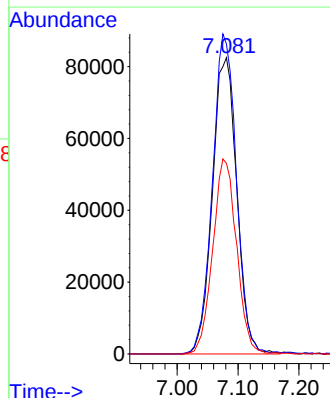
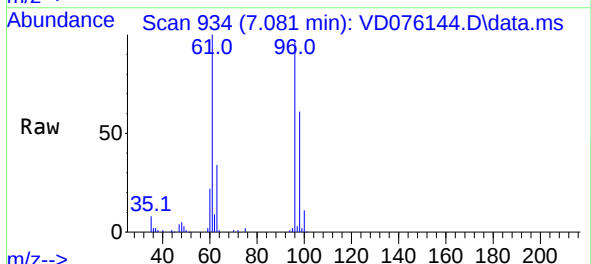
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.9	11.7
100	5.6	2.0	6.0

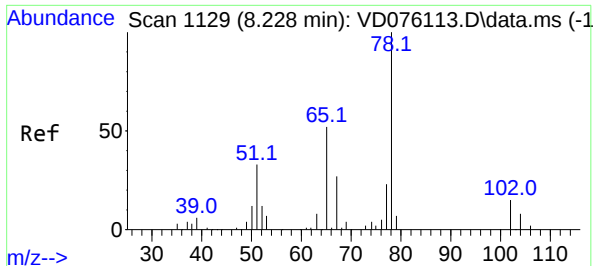


#27
cis-1,2-Dichloroethene
Concen: 101.550 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

Tgt Ion: 96 Resp: 229732

Ion	Ratio	Lower	Upper
96	100		
61	105.7	0.0	295.2
98	64.1	0.0	129.2

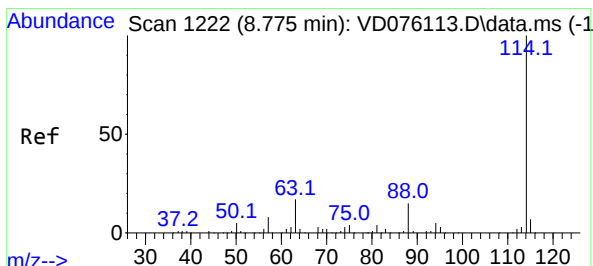
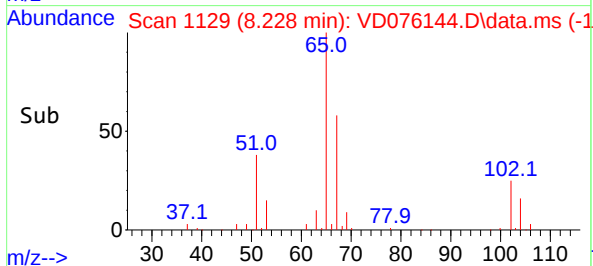
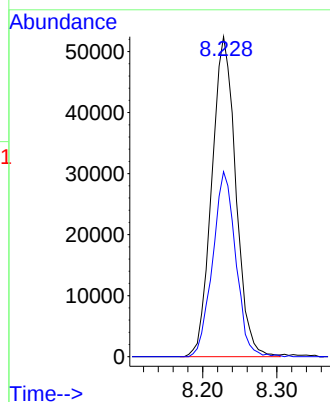
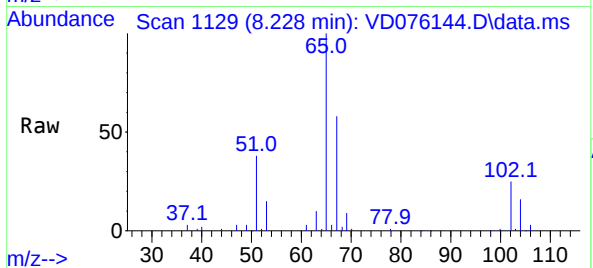




#33
1,2-Dichloroethane-d4
Concen: 74.511 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

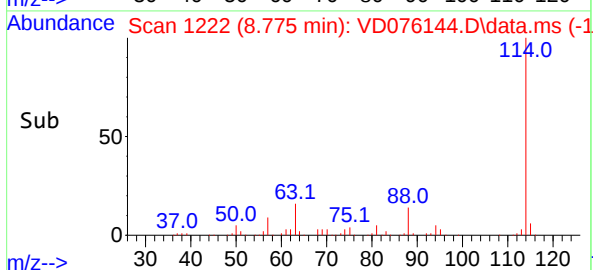
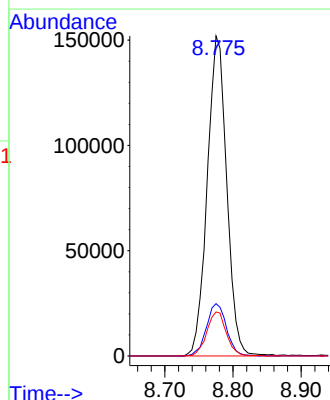
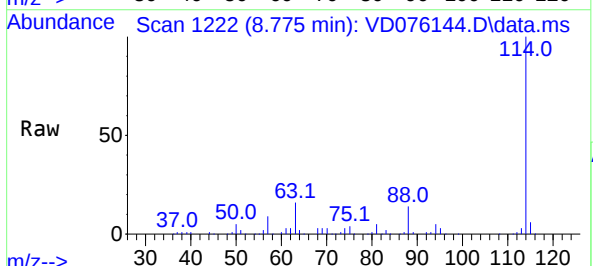
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-11-051623

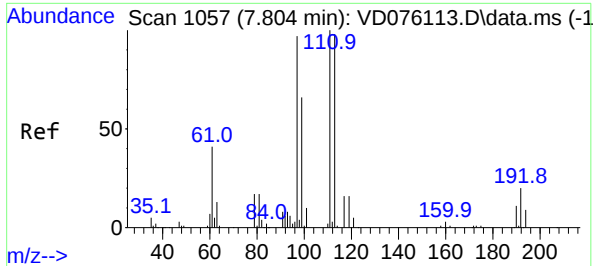
Tgt Ion: 65 Resp: 117858
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

Tgt Ion:114 Resp: 302924
Ion Ratio Lower Upper
114 100
63 16.4 0.0 41.6
88 13.8 0.0 30.6



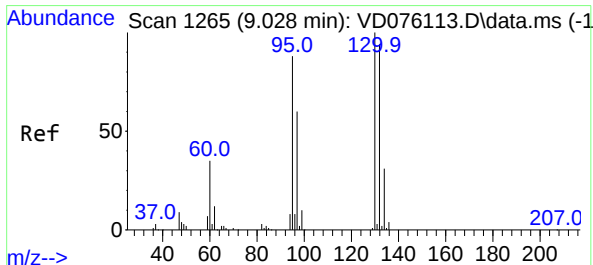
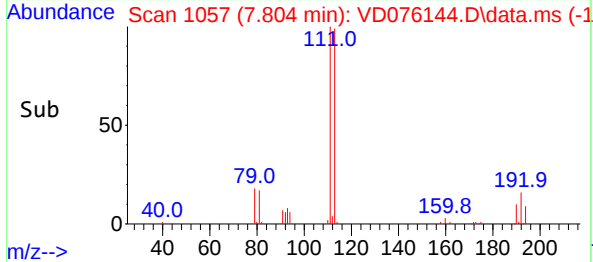
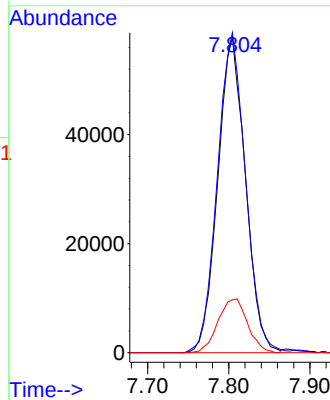
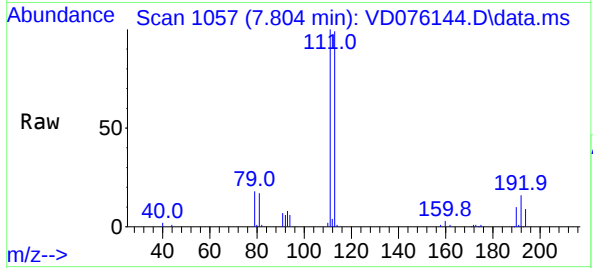


#35
 Dibromofluoromethane
 Concen: 65.436 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.001 min
 Lab File: VD076144.D
 Acq: 18 May 2023 17:00

Instrument : MSVOA_D
 ClientSampleId : CB-22-K2-SO-11-051623

Tgt Ion:113 Resp: 137014

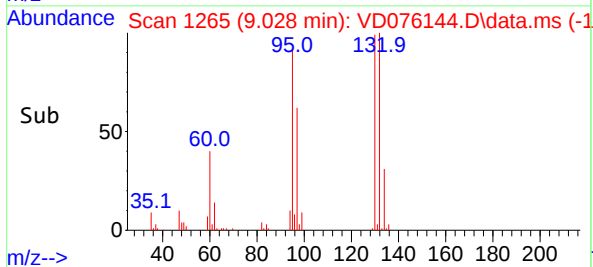
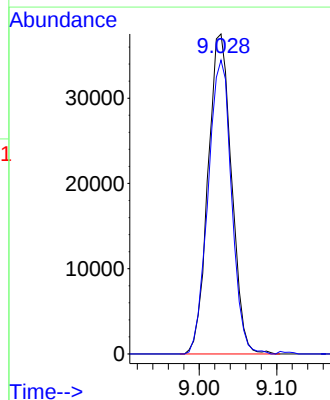
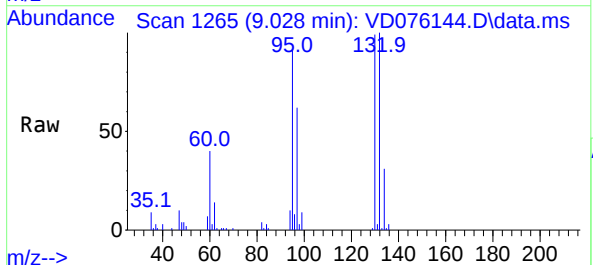
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	18.2	15.2	22.8

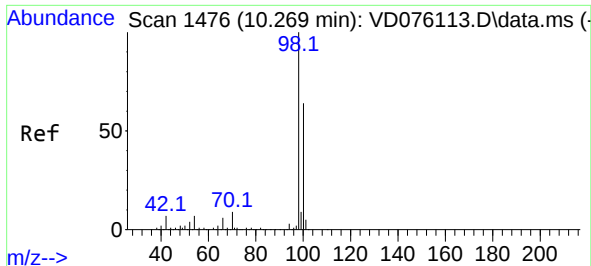


#44
 Trichloroethene
 Concen: 30.861 ug/l
 RT: 9.028 min Scan# 1265
 Delta R.T. -0.000 min
 Lab File: VD076144.D
 Acq: 18 May 2023 17:00

Tgt Ion:130 Resp: 79074

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	197.6

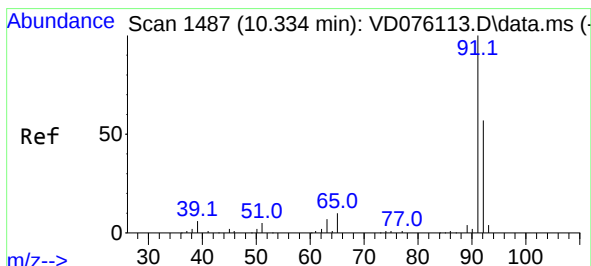
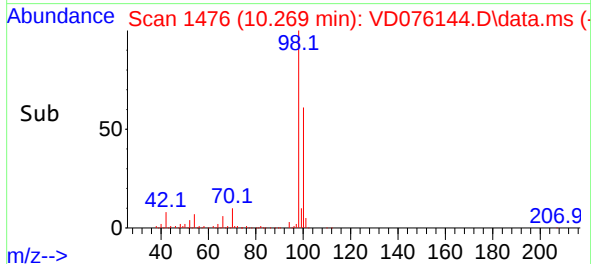
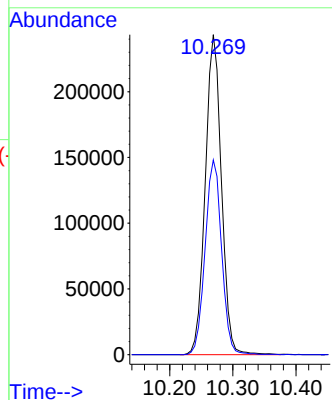
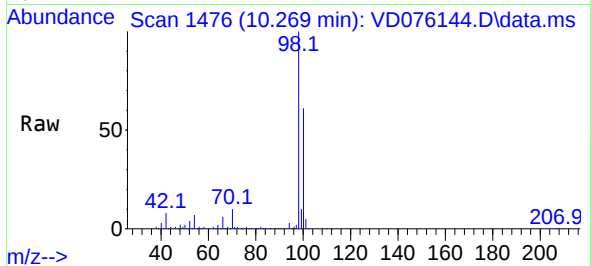




#50
Toluene-d8
Concen: 53.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

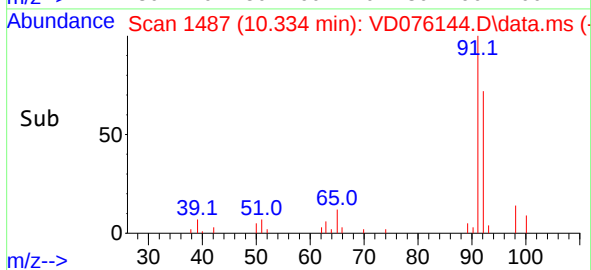
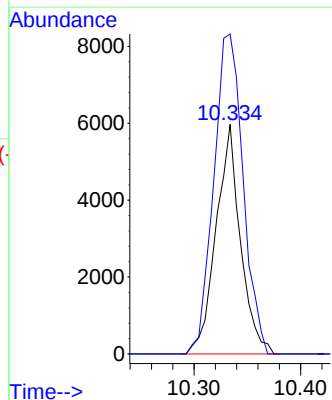
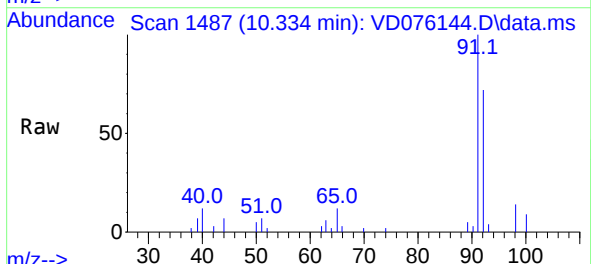
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MSVOA_D
ClientSampleId :
CB-22-K2-SO-11-051623

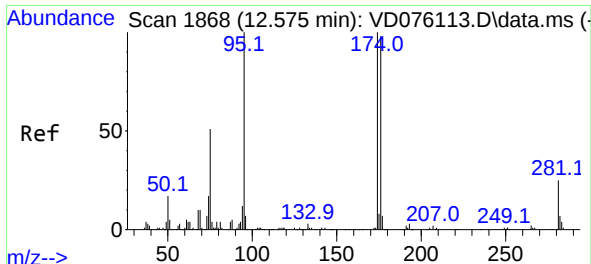
Tgt Ion: 98 Resp: 433052
Ion Ratio Lower Upper
98 100
100 62.1 52.1 78.1



#52
Toluene
Concen: 1.671 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

Tgt Ion: 92 Resp: 9490
Ion Ratio Lower Upper
92 100
91 167.7 136.5 204.7

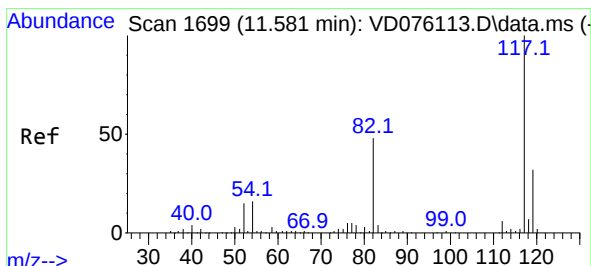
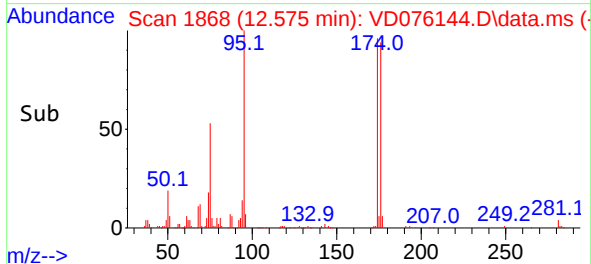
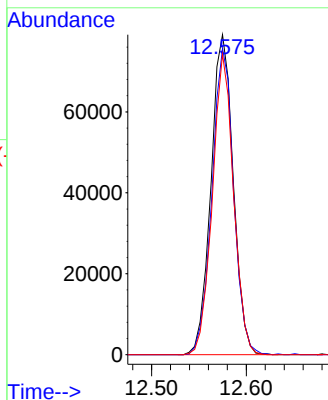
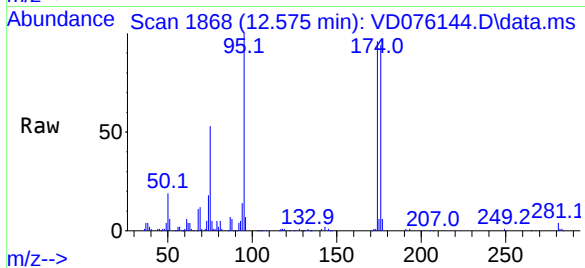




#62
4-Bromofluorobenzene
Concen: 56.901 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

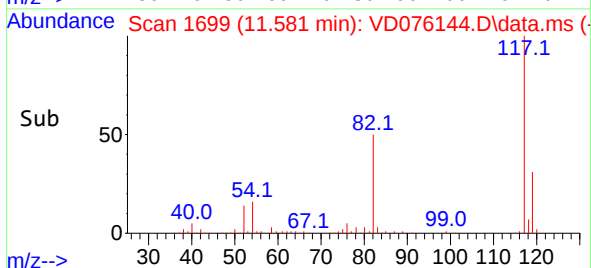
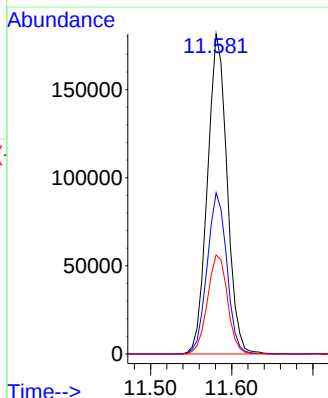
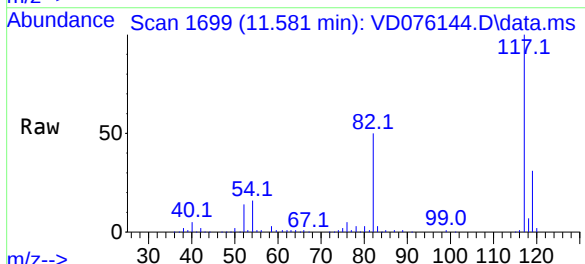
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-11-051623

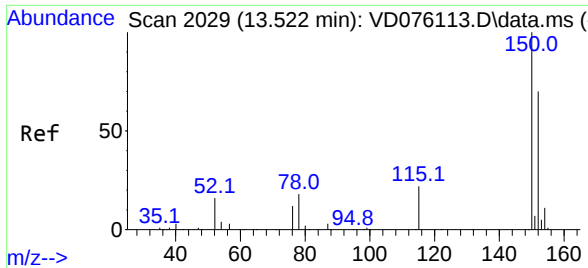
Tgt Ion:	95	Resp:	129017
Ion Ratio	Lower	Upper	
95	100		
174	93.2	0.0	164.0
176	89.1	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

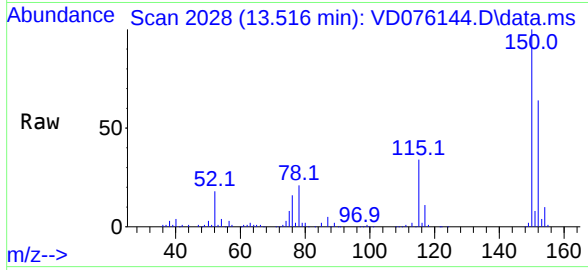
Tgt Ion:	117	Resp:	304816
Ion Ratio	Lower	Upper	
117	100		
82	50.3	44.0	66.0
119	30.9	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076144.D
Acq: 18 May 2023 17:00

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-11-051623



Tgt Ion:152 Resp: 138445
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 158.9 0.0 364.8

