

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076128.D
 Acq On : 17 May 2023 17:44
 Operator : KP/SY
 Sample : 02816-02
 Misc : 7.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-8-051623

Quant Time: May 18 05:22:48 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)

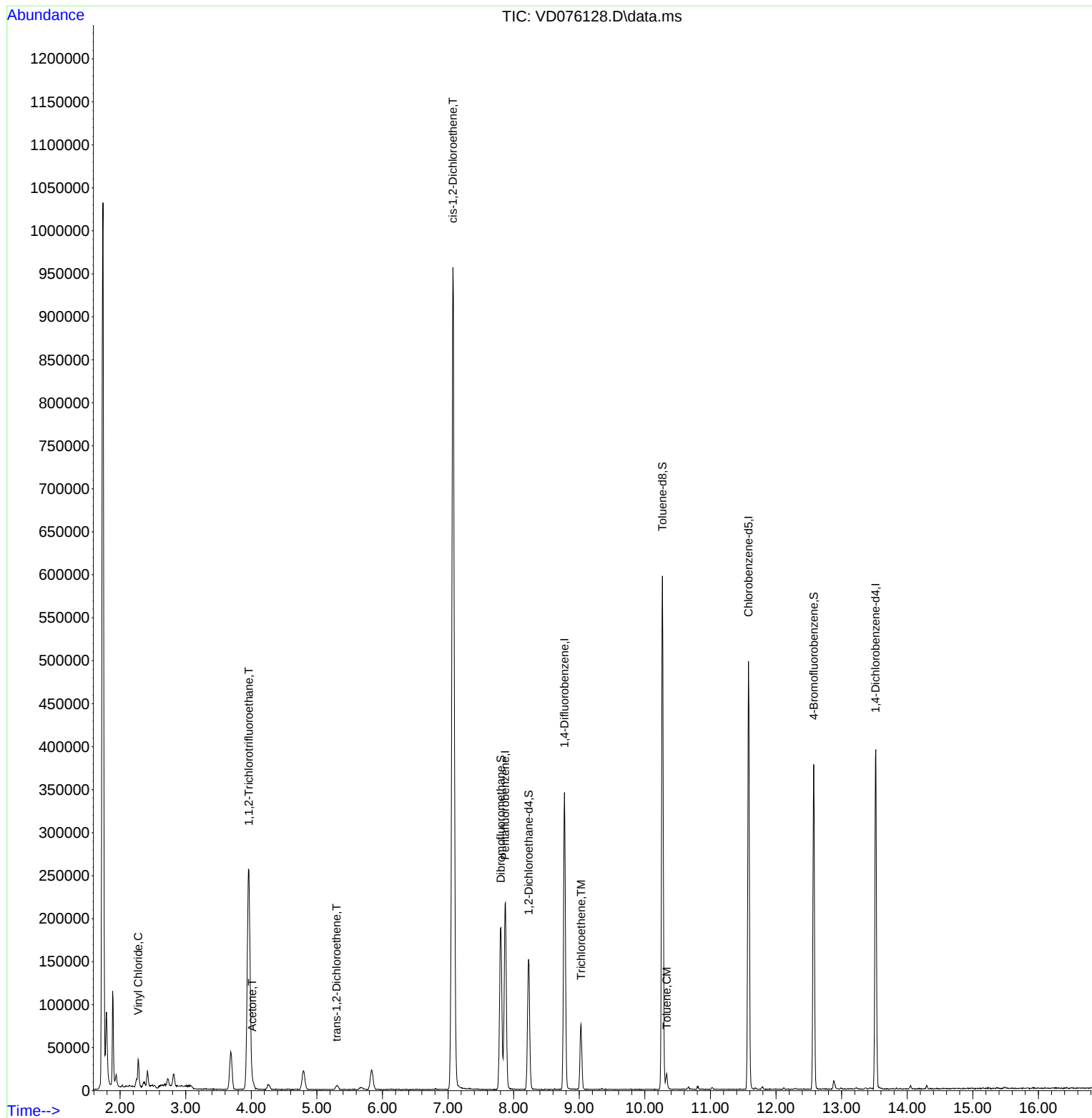
Internal Standards						
1) Pentafluorobenzene	7.869	168	177270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119204	69.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.160%	
35) Dibromofluoromethane	7.804	113	141223	62.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.400%	
50) Toluene-d8	10.269	98	434419	49.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.575	95	118268	48.487	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.980%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.275	62	26164	7.588	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	179377	93.180	ug/l	95
16) Acetone	4.016	43	12573	36.884	ug/l #	80
21) trans-1,2-Dichloroethene	5.299	96	3666	1.660	ug/l #	54
27) cis-1,2-Dichloroethene	7.075	96	655153	267.371	ug/l	77
44) Trichloroethene	9.028	130	30395	11.027	ug/l	85
52) Toluene	10.334	92	6988	1.144	ug/l	93

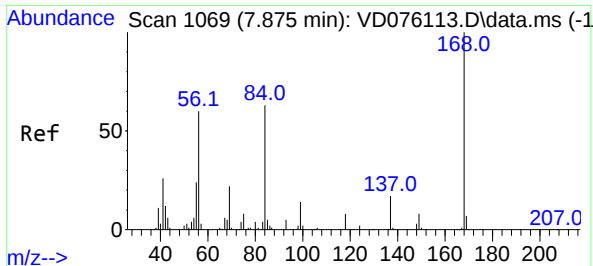
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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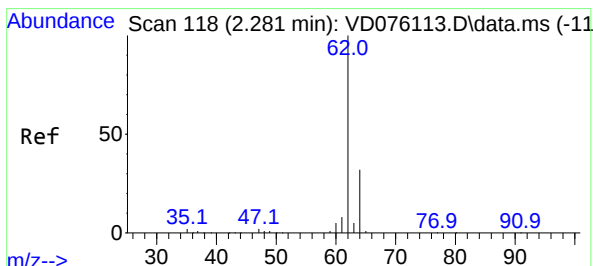
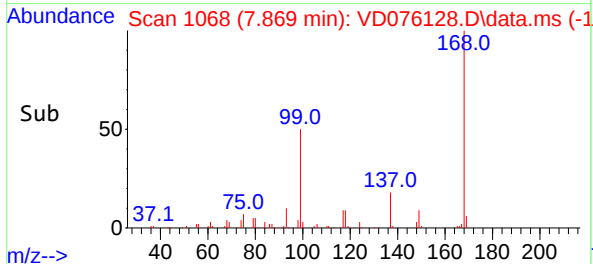
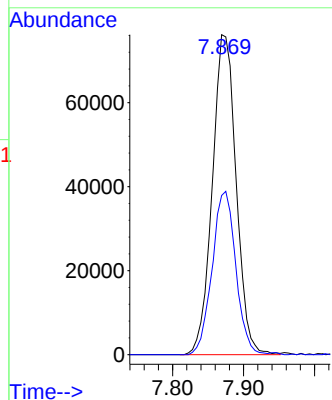
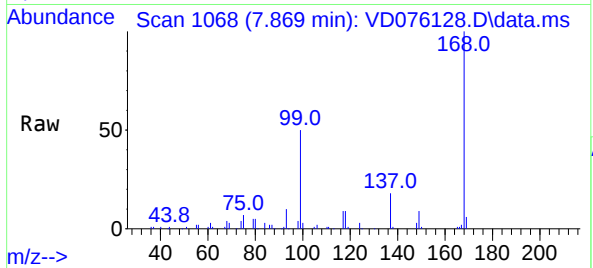




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

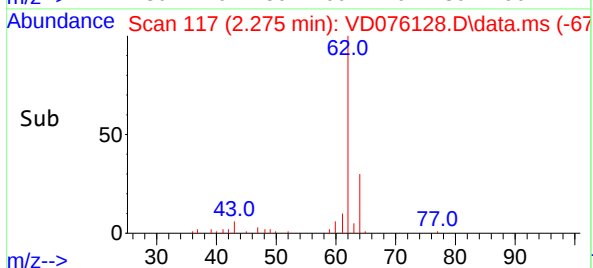
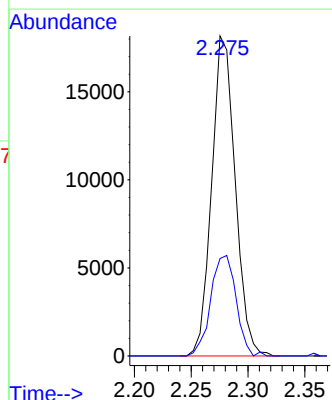
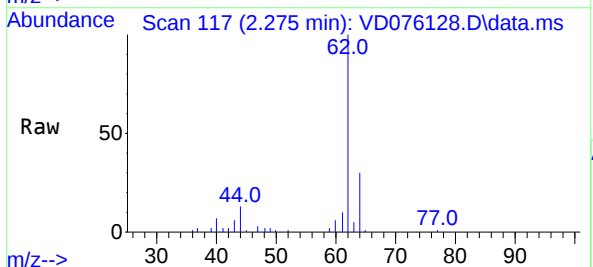
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-8-051623

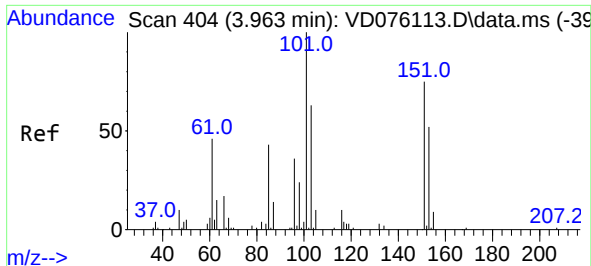
Tgt Ion:168 Resp: 177270
Ion Ratio Lower Upper
168 100
99 49.8 43.8 65.6



#4
Vinyl Chloride
Concen: 7.588 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

Tgt Ion: 62 Resp: 26164
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0

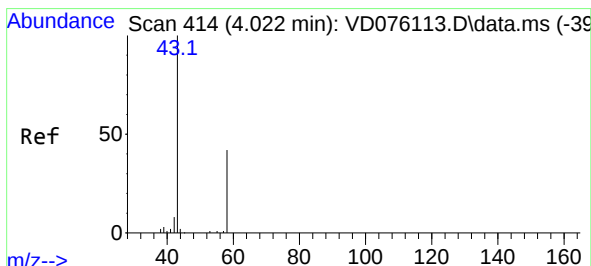
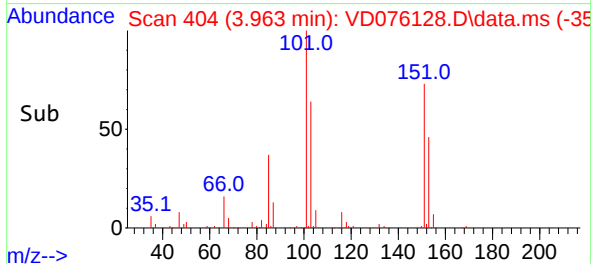
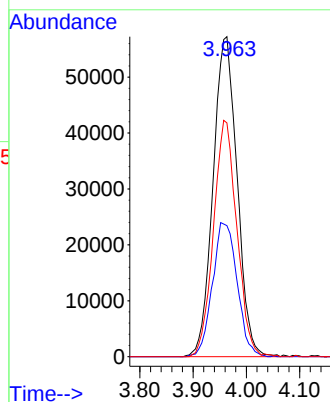
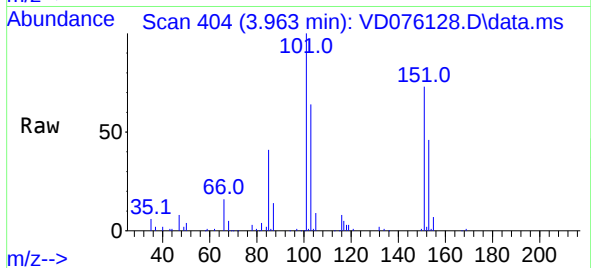




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.180 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

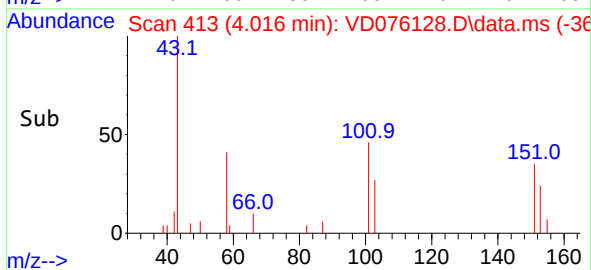
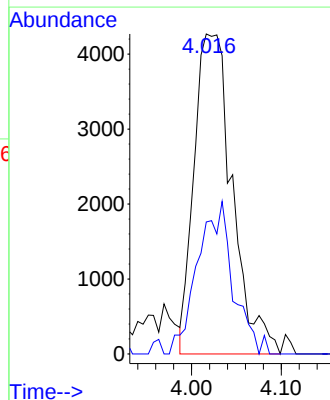
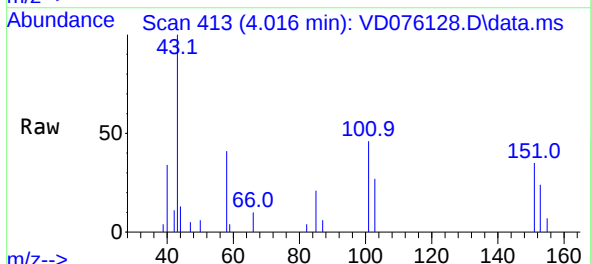
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-8-051623

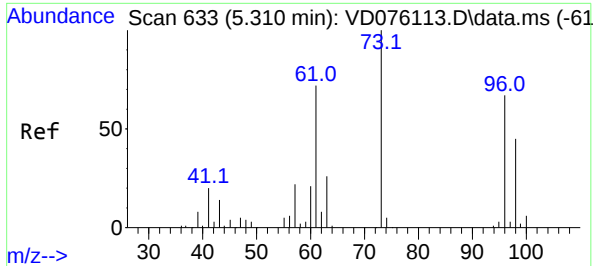
Tgt Ion:101 Resp: 179377
Ion Ratio Lower Upper
101 100
85 43.0 38.3 57.5
151 71.8 60.4 90.6



#16
Acetone
Concen: 36.884 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

Tgt Ion: 43 Resp: 12573
Ion Ratio Lower Upper
43 100
58 41.3 24.4 36.6#

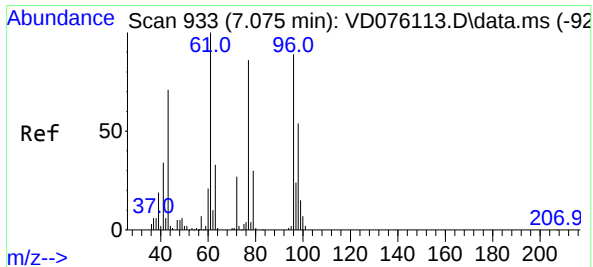
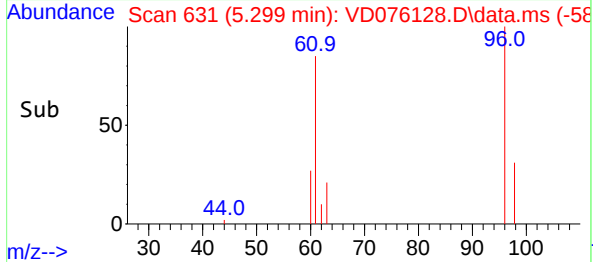
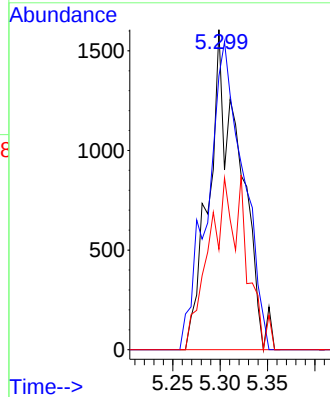
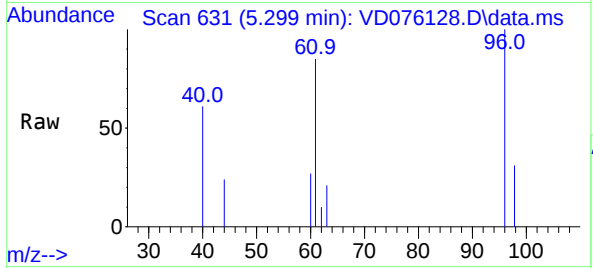




#21
trans-1,2-Dichloroethene
Concen: 1.660 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.017 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

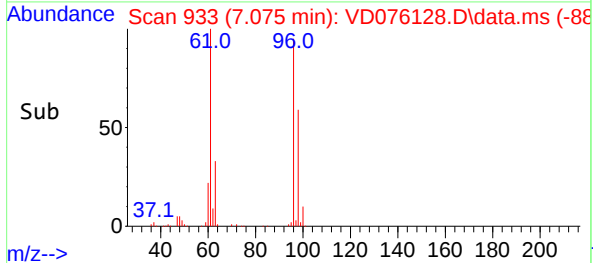
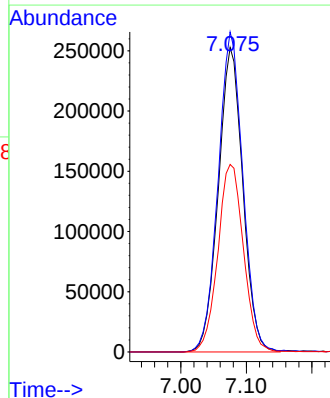
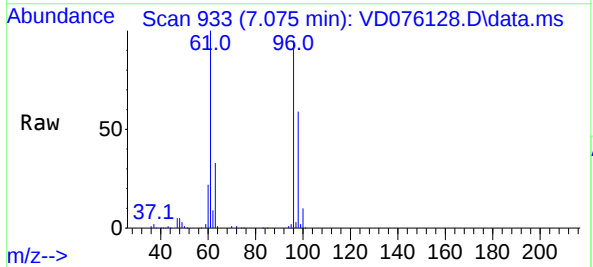
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-8-051623

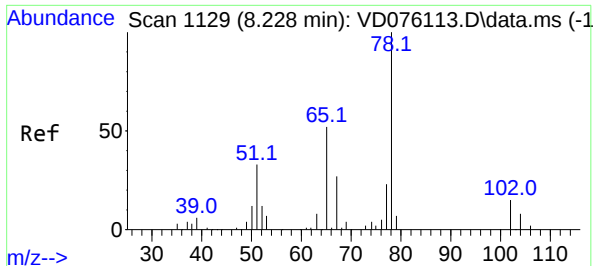
Tgt Ion:	96	Resp:	3666
Ion	Ratio	Lower	Upper
96	100		
61	85.5	117.2	175.8#
98	31.4	50.6	76.0#



#27
cis-1,2-Dichloroethene
Concen: 267.371 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

Tgt Ion:	96	Resp:	655153
Ion	Ratio	Lower	Upper
96	100		
61	106.2	0.0	295.2
98	64.5	0.0	129.2





#33

1,2-Dichloroethane-d4

Concen: 69.577 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076128.D

Acq: 17 May 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

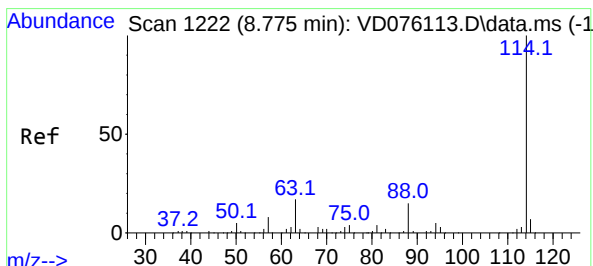
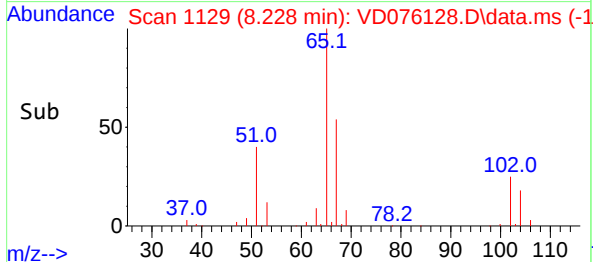
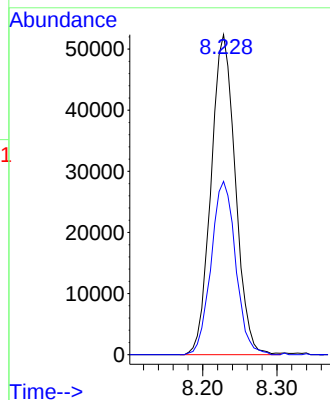
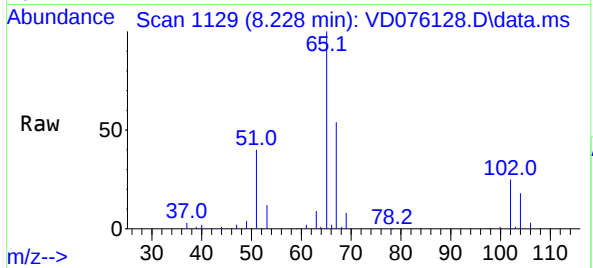
CB-22-K2-SO-8-051623

Tgt Ion: 65 Resp: 119204

Ion Ratio Lower Upper

65 100

67 54.7 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: VD076128.D

Acq: 17 May 2023 17:44

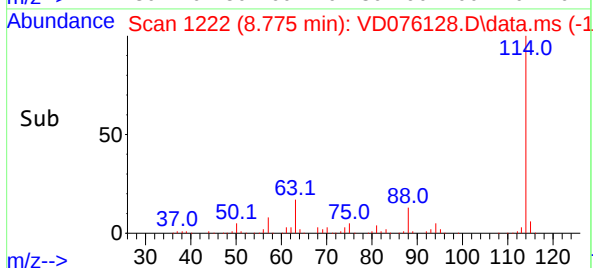
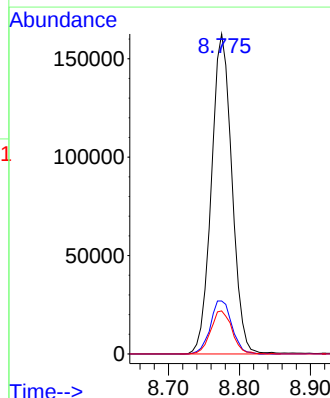
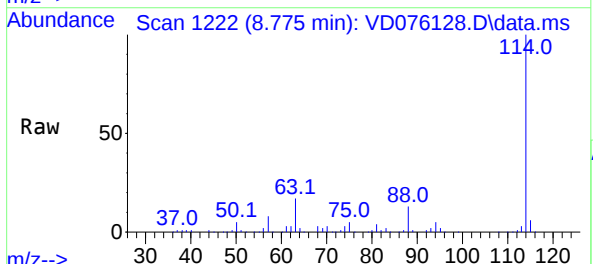
Tgt Ion: 114 Resp: 325874

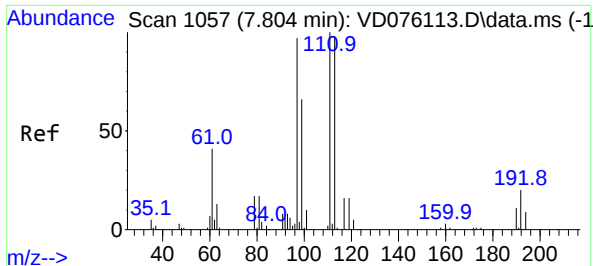
Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 13.4 0.0 30.6

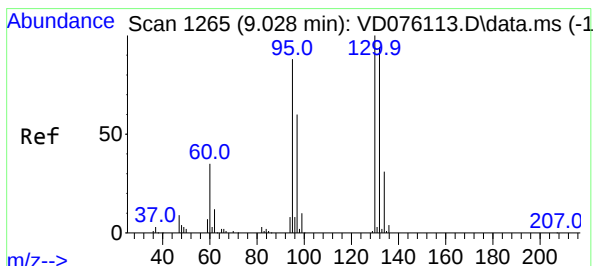
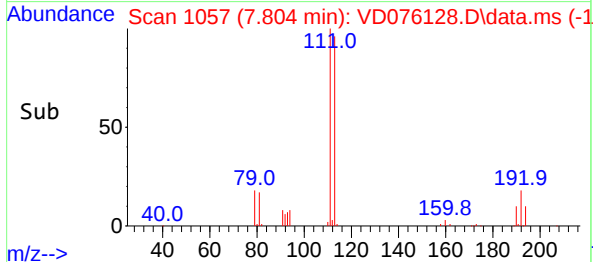
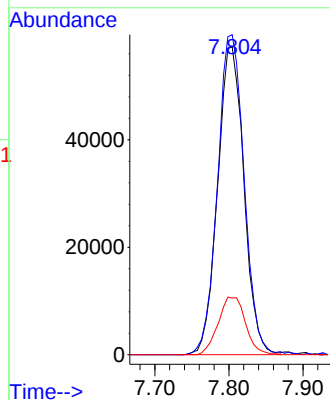
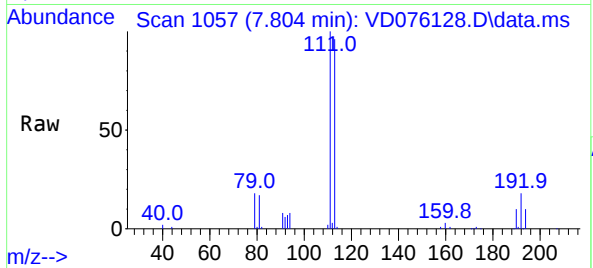




#35
Dibromofluoromethane
Concen: 62.696 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

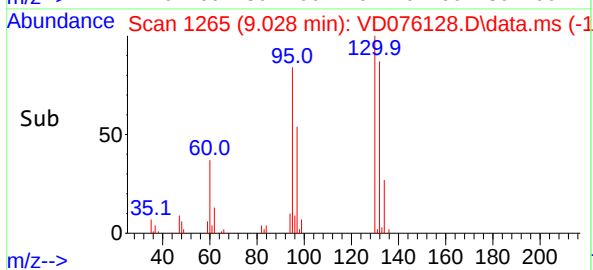
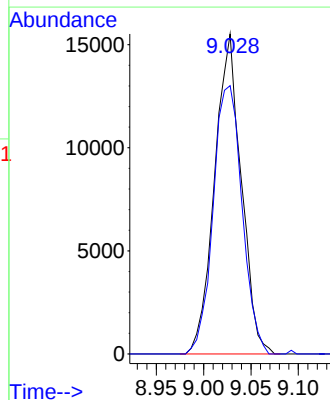
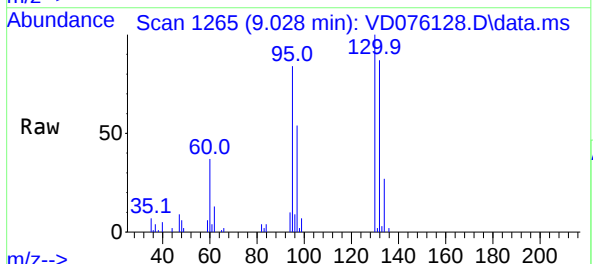
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-8-051623

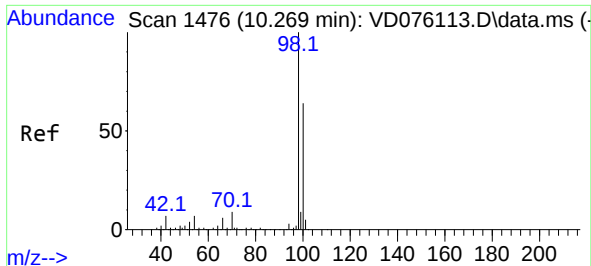
Tgt	Ion:113	Resp:	141223
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.4	122.0
192	19.4	15.2	22.8



#44
Trichloroethene
Concen: 11.027 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

Tgt Ion:130	Resp:	30395	
Ion	Ratio	Lower	Upper
130	100		
95	83.8	0.0	197.6

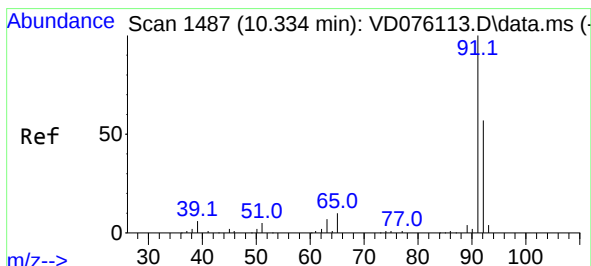
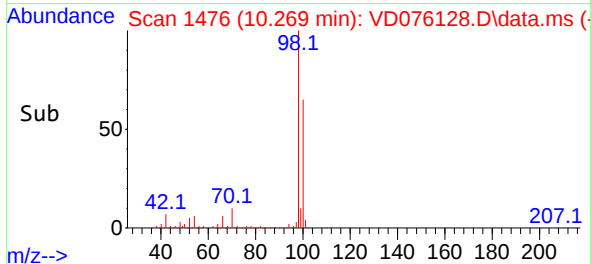
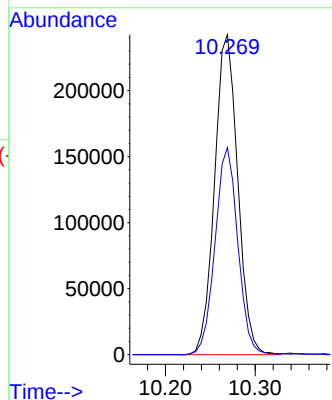
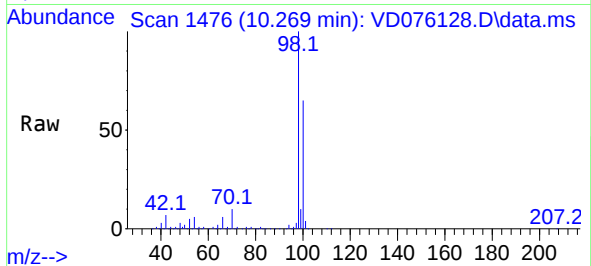




#50
Toluene-d8
Concen: 49.474 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

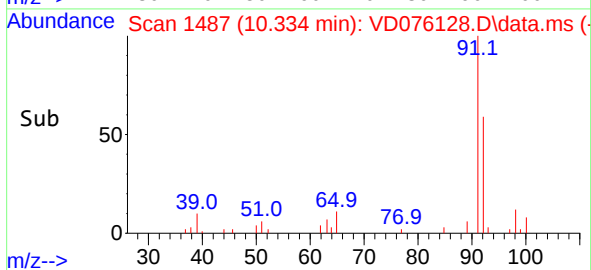
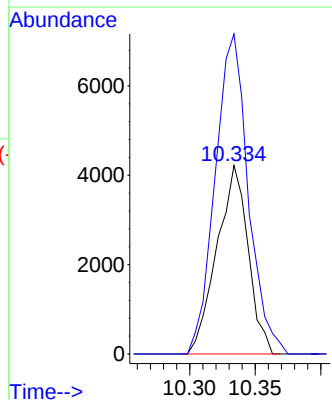
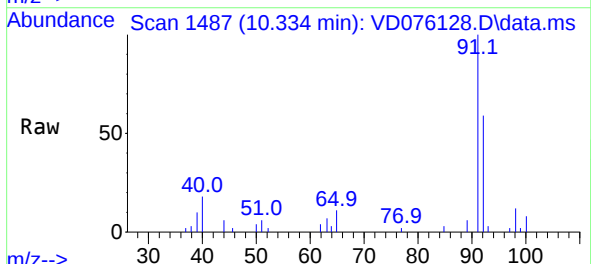
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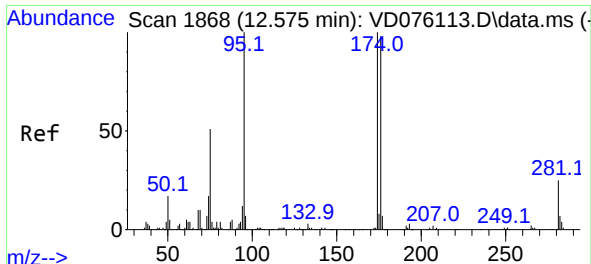
Tgt Ion: 98 Resp: 434419
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#52
Toluene
Concen: 1.144 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

Tgt Ion: 92 Resp: 6988
Ion Ratio Lower Upper
92 100
91 179.6 136.5 204.7

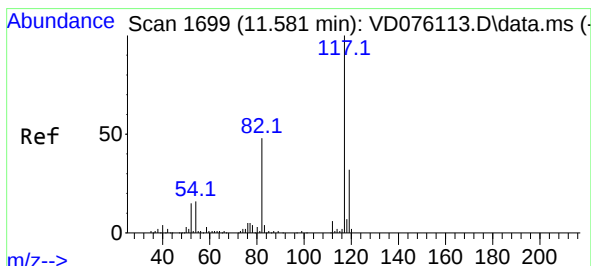
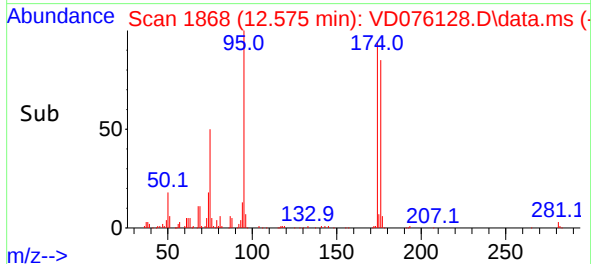
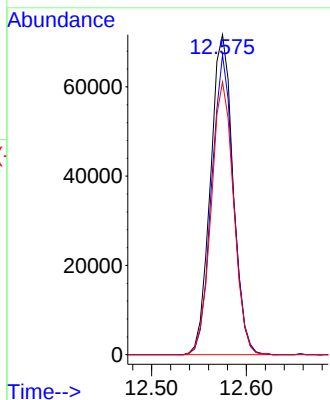
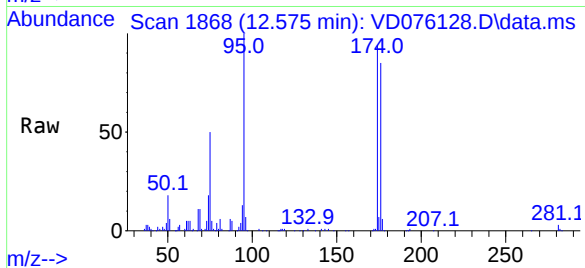




#62
4-Bromofluorobenzene
Concen: 48.487 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

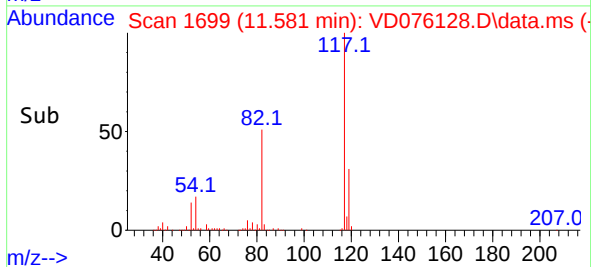
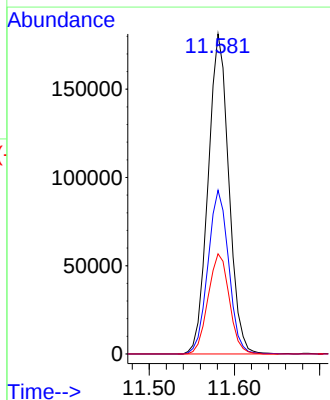
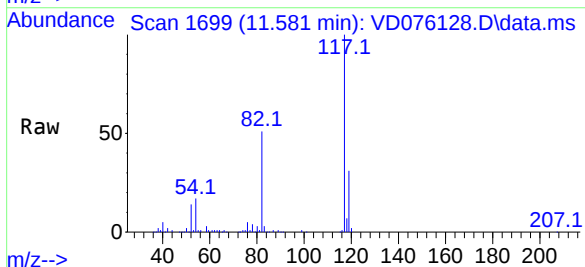
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-8-051623

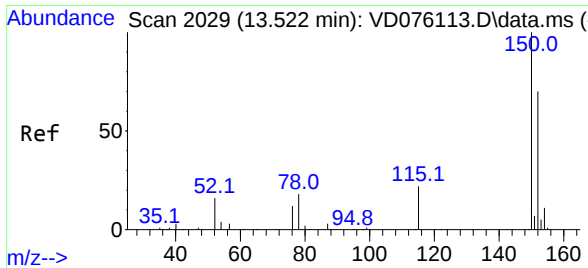
Tgt Ion:	95	Resp:	118268
Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	164.0
176	85.0	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076128.D
Acq: 17 May 2023 17:44

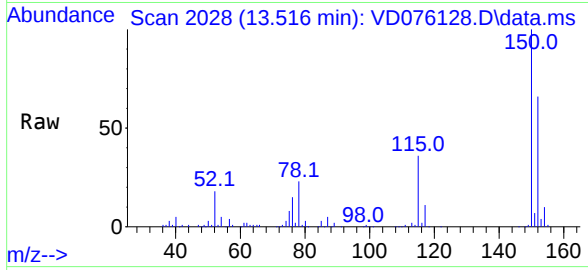
Tgt Ion:	117	Resp:	305943
Ion	Ratio	Lower	Upper
117	100		
82	51.2	44.0	66.0
119	31.3	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076128.D
 Acq: 17 May 2023 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-8-051623



Tgt Ion:152 Resp: 111663
 Ion Ratio Lower Upper
 152 100
 115 56.2 30.1 90.3
 150 157.5 0.0 364.8

