

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076850.D
 Acq On : 28 Jul 2023 13:01
 Operator : KP/SY
 Sample : 03770-01
 Misc : 5.71G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DEL-1-RP

Quant Time: Jul 28 23:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

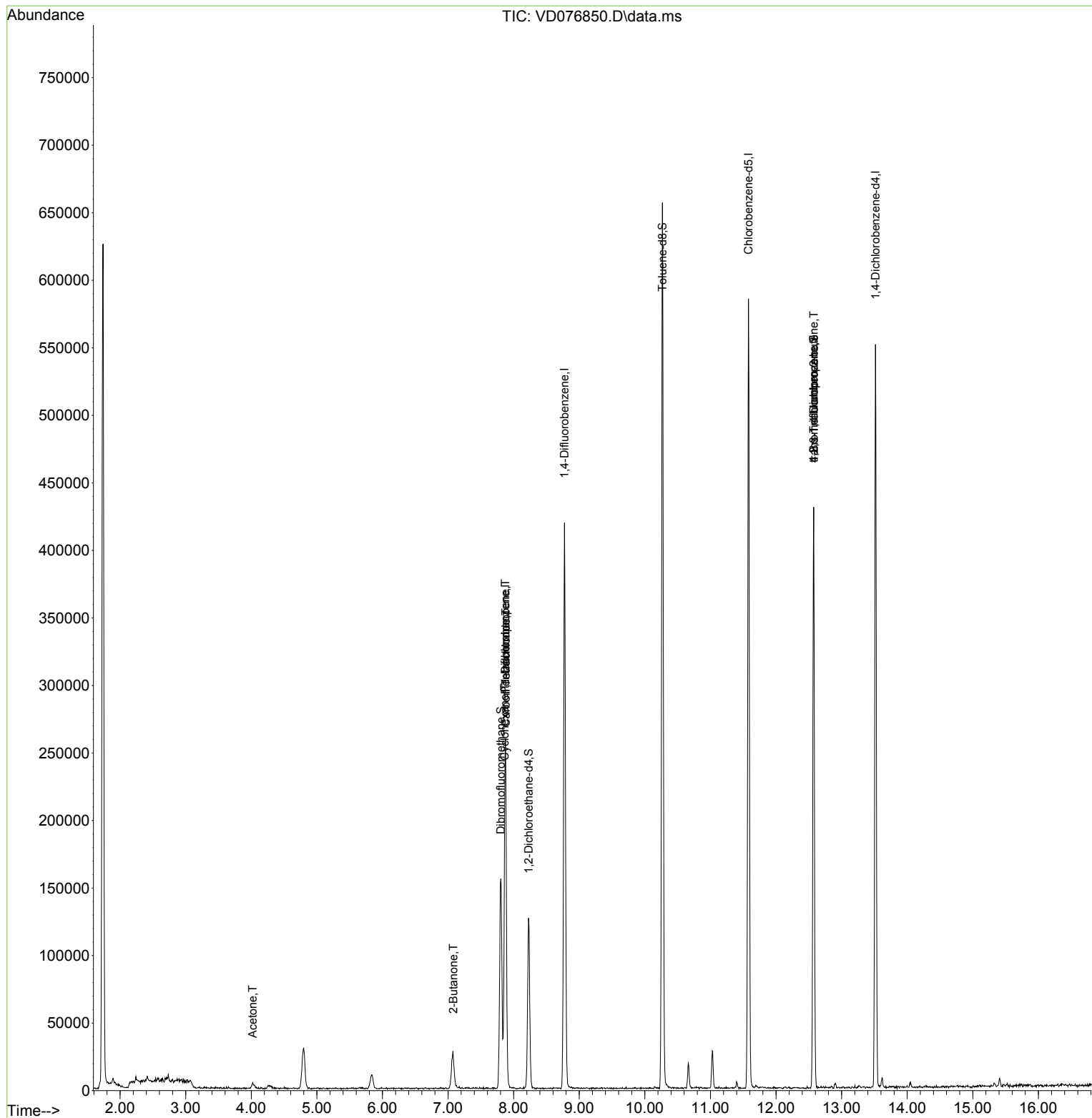
Internal Standards						
1) Pentafluorobenzene	7.875	168	200324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	376702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	347475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94946	47.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.804	113	117961	49.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.269	98	456914	53.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.575	95	128488	46.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.800%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	7188	15.084	ug/l #	83
20) Methylene Chloride	4.793	84	24866	Below Cal		91
25) 2-Butanone	7.081	43	3018	4.732	ug/l #	37
31) Cyclohexane	7.863	56	4356	1.483	ug/l #	16
36) 1,1-Dichloropropene	7.875	75	16672	5.390	ug/l #	48
38) Carbon Tetrachloride	7.881	117	21120	7.131	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	70103	50.163	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	70103	106.759	ug/l #	17

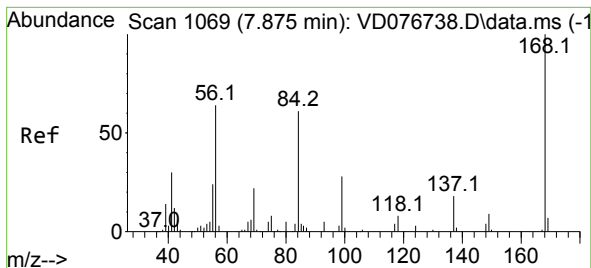
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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: VD076850.D

Acq: 28 Jul 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

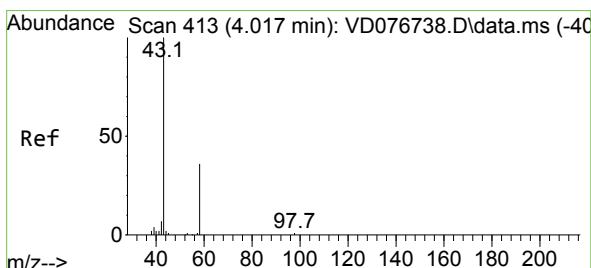
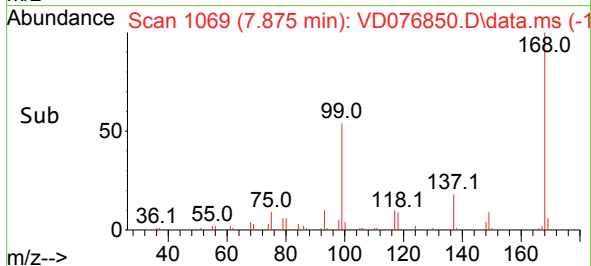
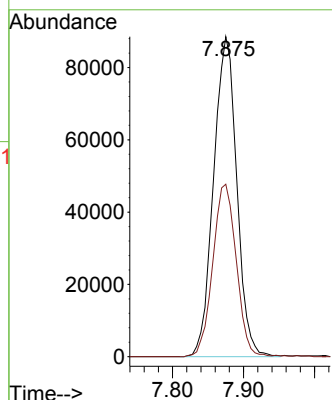
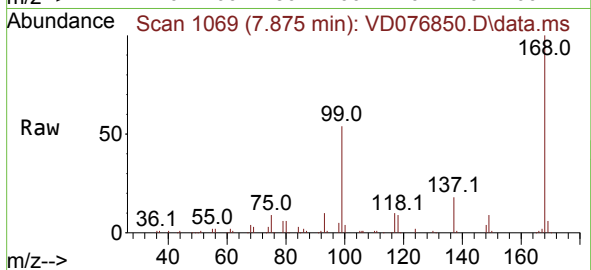
DEL-1-RP

Tgt Ion:168 Resp: 200324

Ion Ratio Lower Upper

168 100

99 53.9 36.7 55.1



#16

Acetone

Concen: 15.084 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076850.D

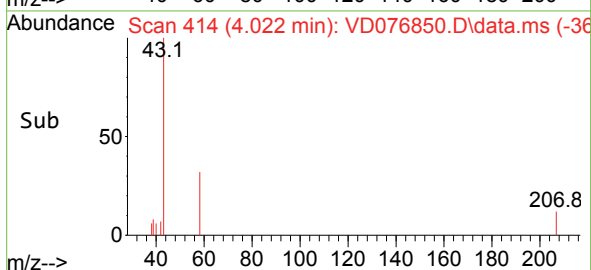
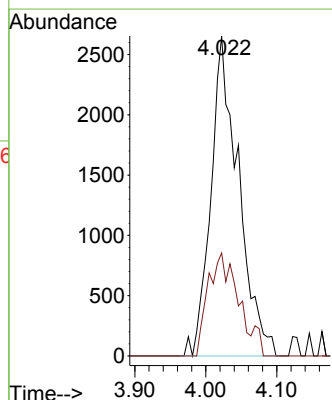
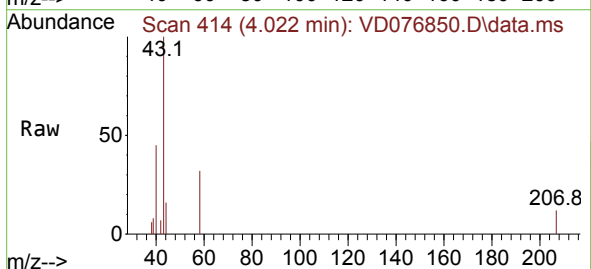
Acq: 28 Jul 2023 13:01

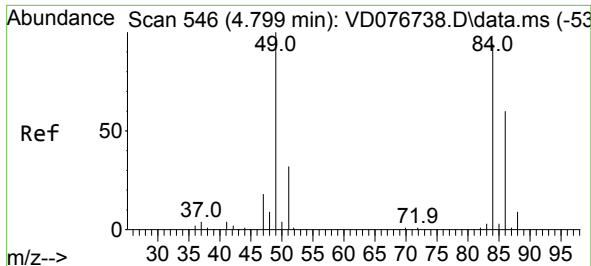
Tgt Ion: 43 Resp: 7188

Ion Ratio Lower Upper

43 100

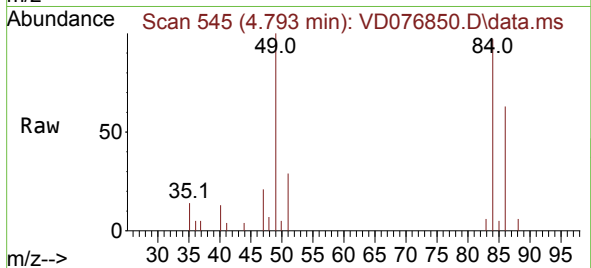
58 32.2 34.7 52.1#



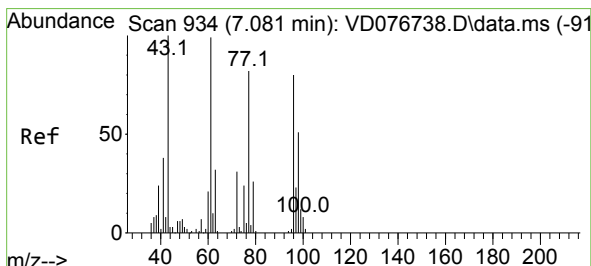
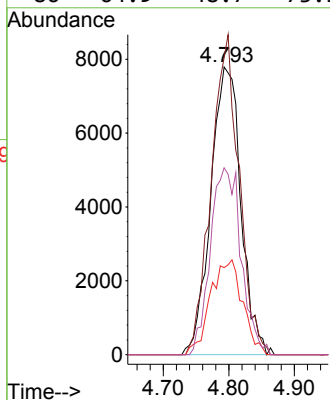
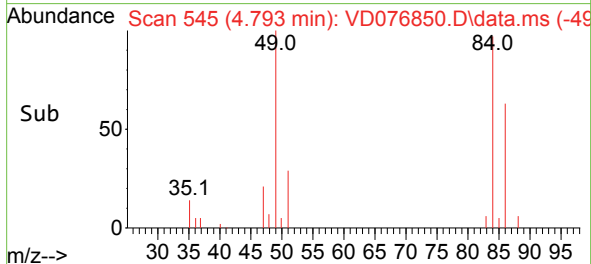


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
DEL-1-RP

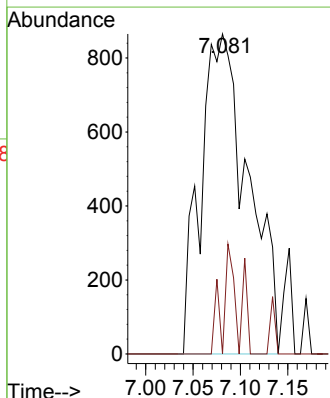
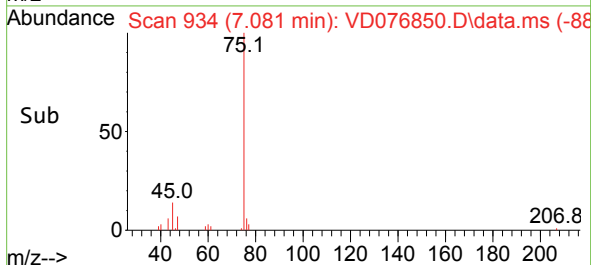
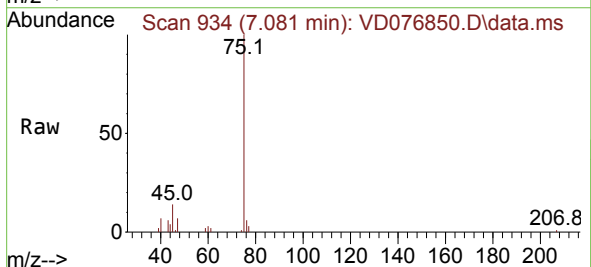


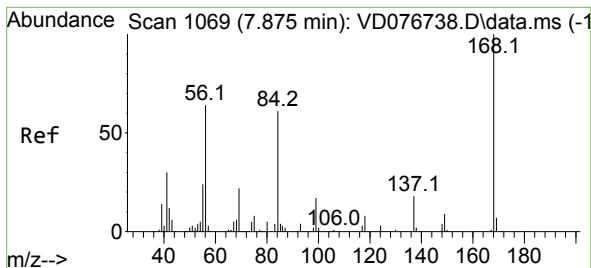
Tgt Ion:	84	Resp:	24866
Ion	Ratio	Lower	Upper
84	100		
49	103.2	71.4	107.2
51	30.3	24.5	36.7
86	64.9	48.7	73.1



#25
2-Butanone
Concen: 4.732 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Tgt Ion:	43	Resp:	3018
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#





#31

Cyclohexane

Concen: 1.483 ug/l

RT: 7.863 min Scan# 1069

Delta R.T. -0.012 min

Lab File: VD076850.D

Acq: 28 Jul 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

DEL-1-RP

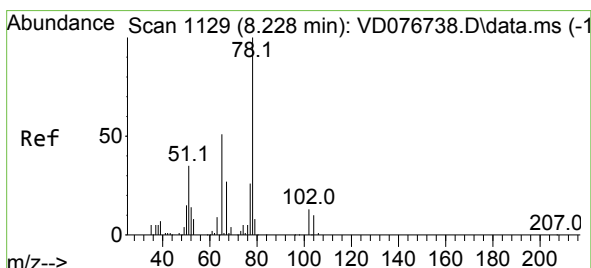
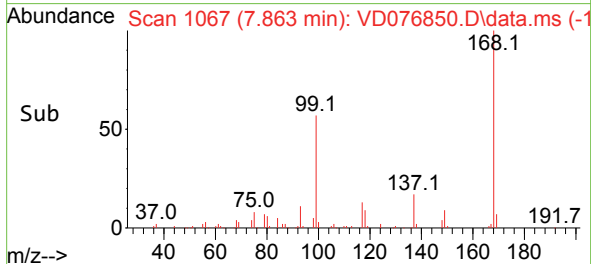
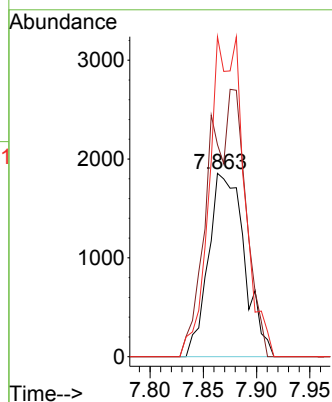
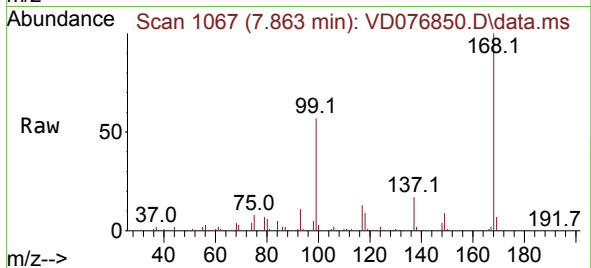
Tgt Ion: 56 Resp: 4356

Ion Ratio Lower Upper

56 100

69 115.7 28.6 43.0#

84 174.6 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 47.585 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076850.D

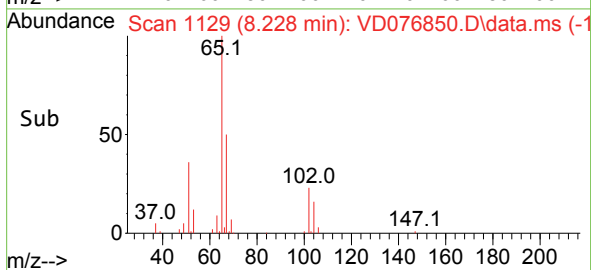
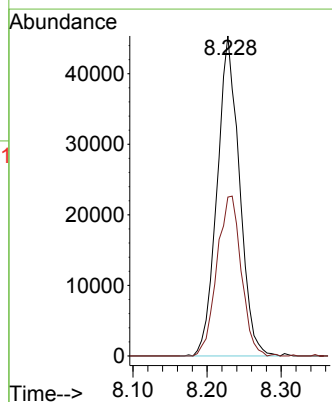
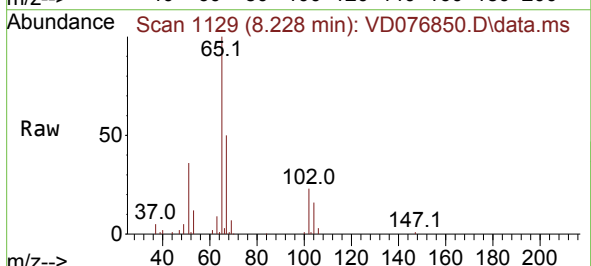
Acq: 28 Jul 2023 13:01

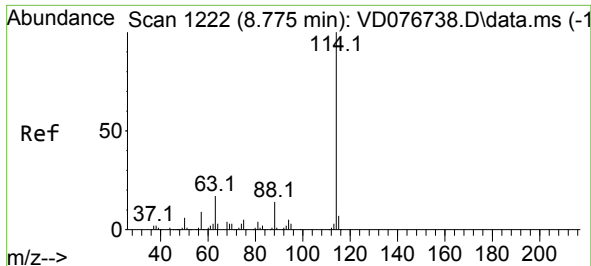
Tgt Ion: 65 Resp: 94946

Ion Ratio Lower Upper

65 100

67 54.5 0.0 115.0

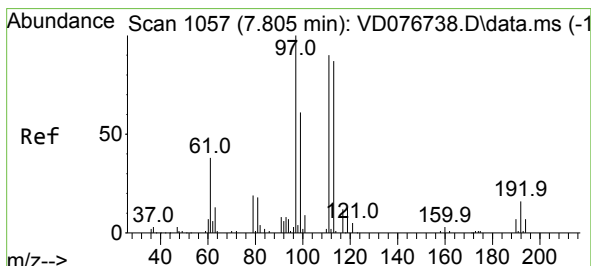
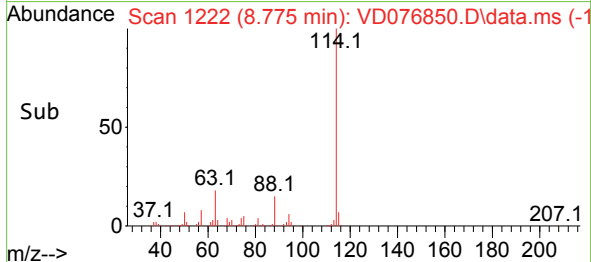
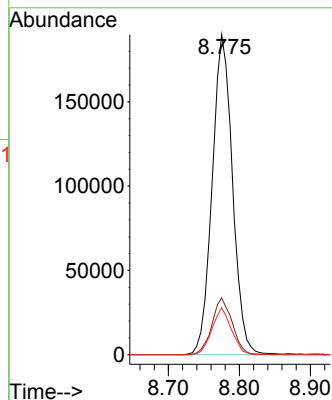
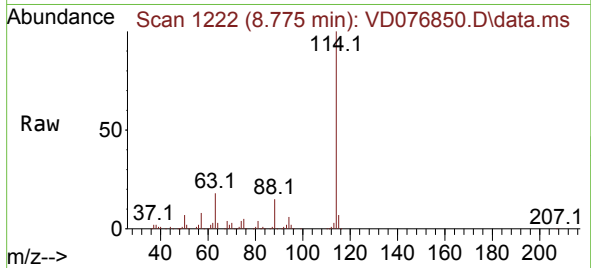




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

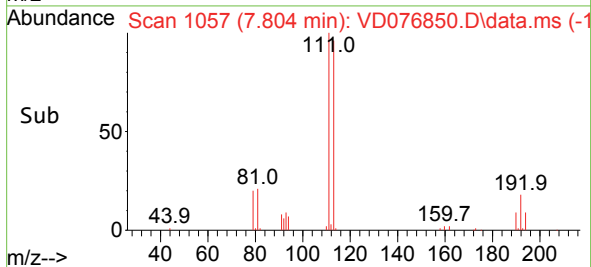
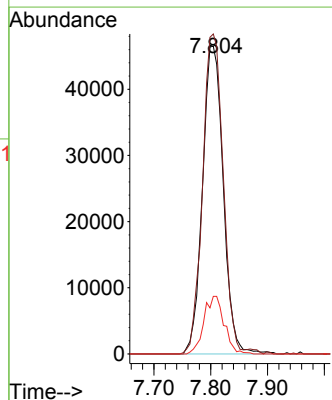
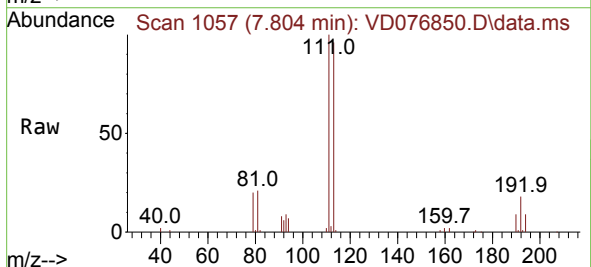
Instrument :
MSVOA_D
ClientSampleId :
DEL-1-RP

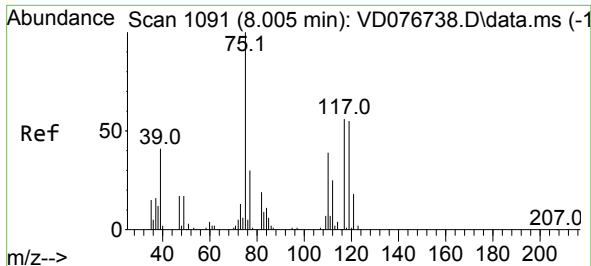
Tgt Ion:114 Resp: 376702
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 14.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Tgt Ion:113 Resp: 117961
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 18.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.390 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076850.D

Acq: 28 Jul 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

DEL-1-RP

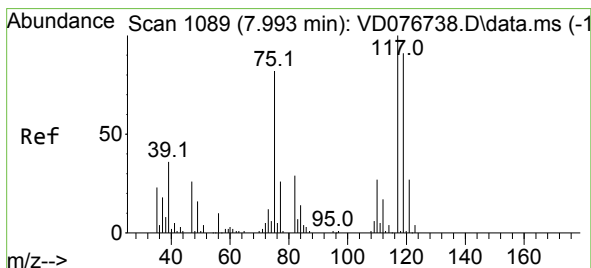
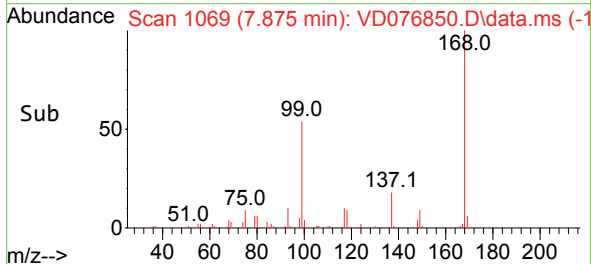
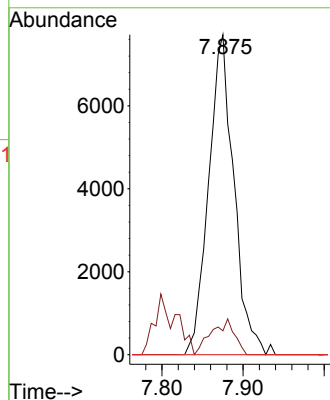
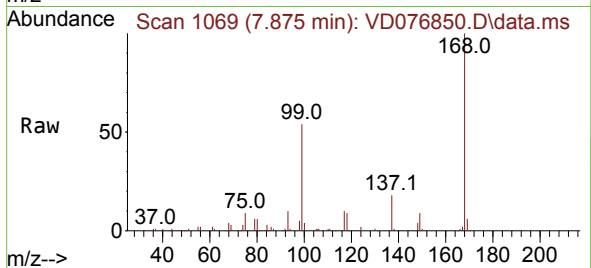
Tgt Ion: 75 Resp: 16672

Ion Ratio Lower Upper

75 100

110 10.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.131 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076850.D

Acq: 28 Jul 2023 13:01

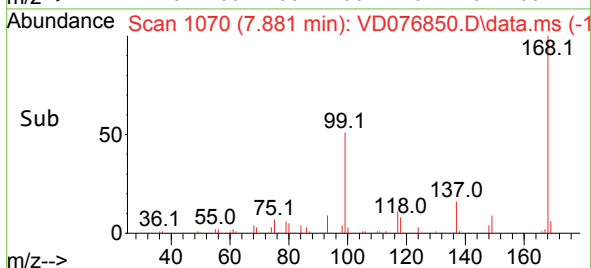
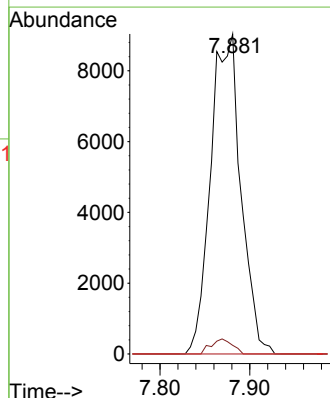
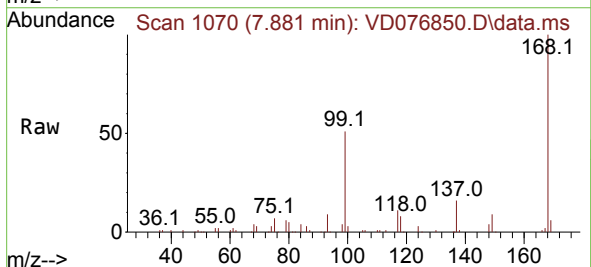
Tgt Ion: 117 Resp: 21120

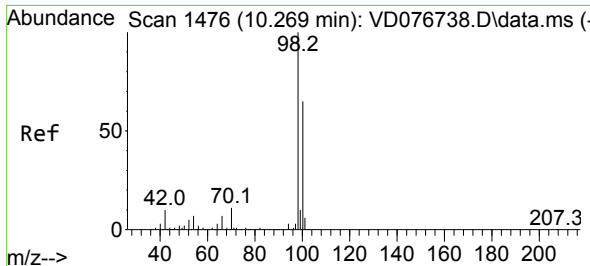
Ion Ratio Lower Upper

117 100

119 2.7 78.0 117.0#

121 0.0 24.2 36.2#

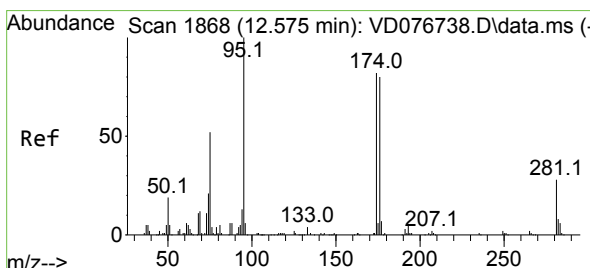
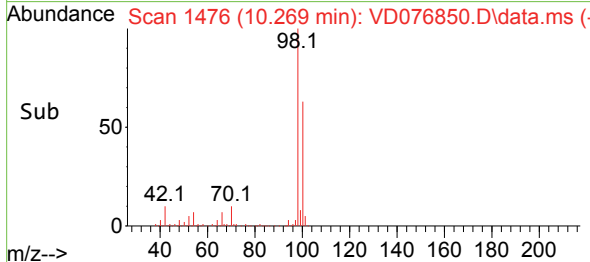
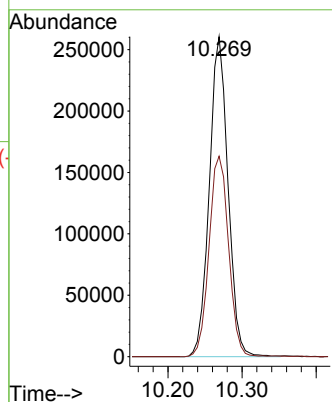
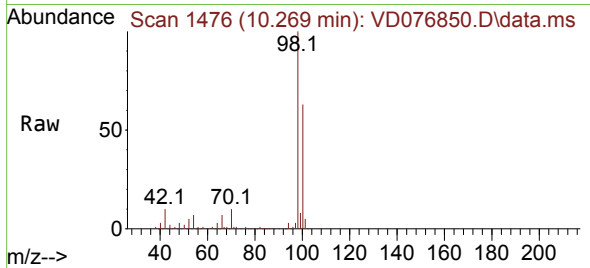




#50
Toluene-d8
Concen: 53.955 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

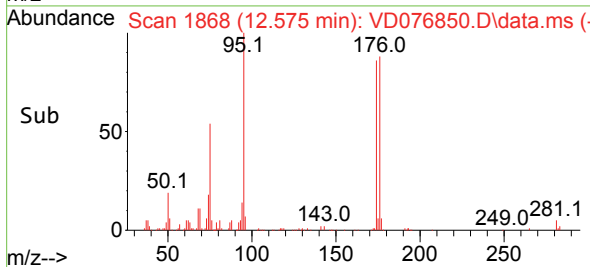
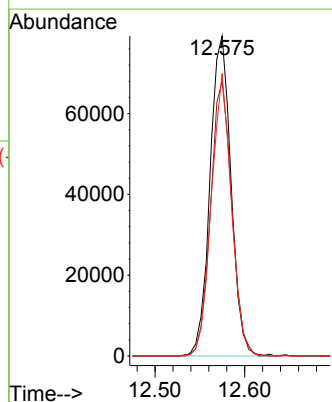
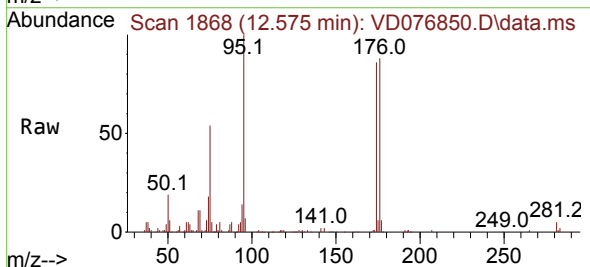
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MSVOA_D
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DEL-1-RP

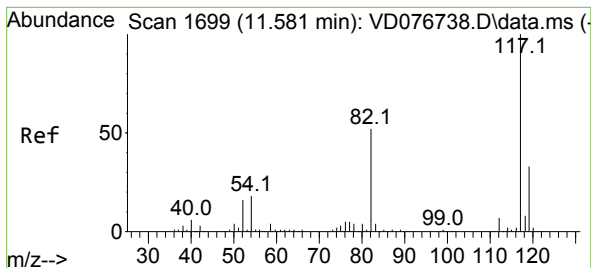
Tgt Ion: 98 Resp: 456914
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.901 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Tgt Ion: 95 Resp: 128488
Ion Ratio Lower Upper
95 100
174 86.5 0.0 201.8
176 84.3 0.0 191.8

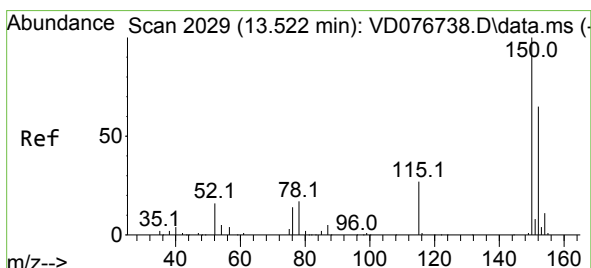
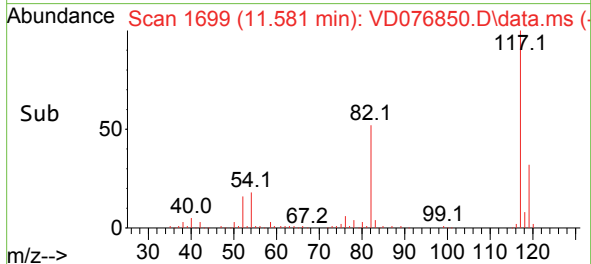
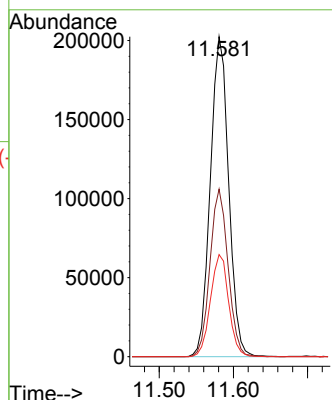
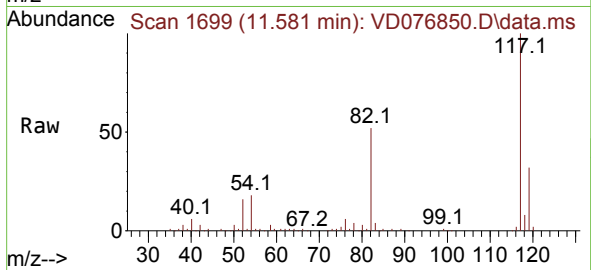




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

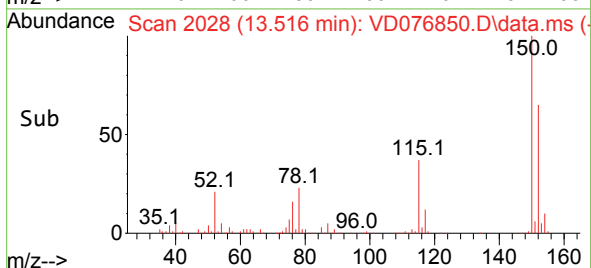
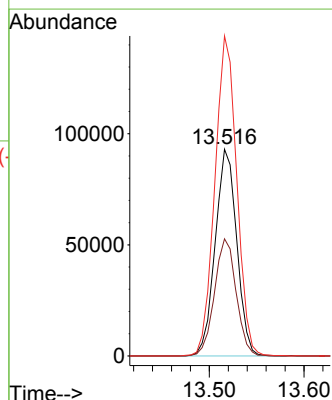
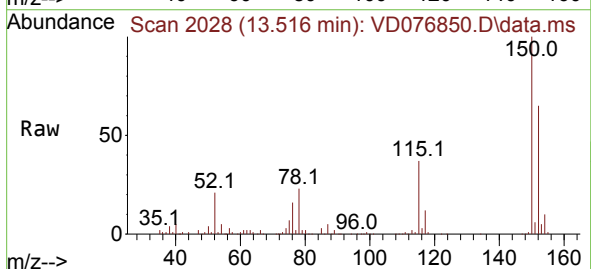
Instrument :
MSVOA_D
ClientSampleId :
DEL-1-RP

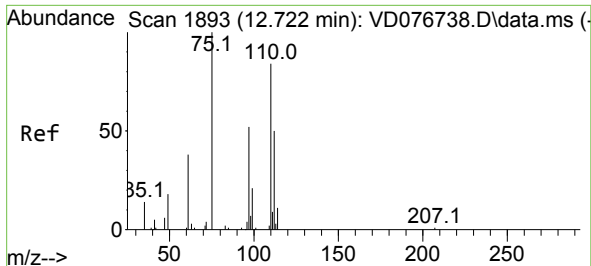
Tgt Ion:117 Resp: 347475
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Tgt Ion:152 Resp: 146954
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 157.3 0.0 353.6

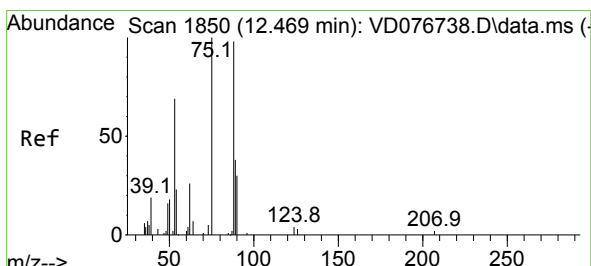
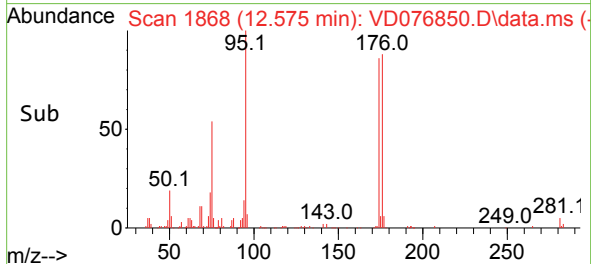
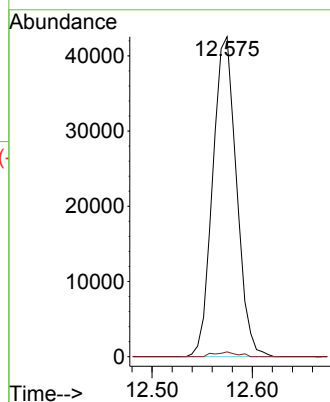
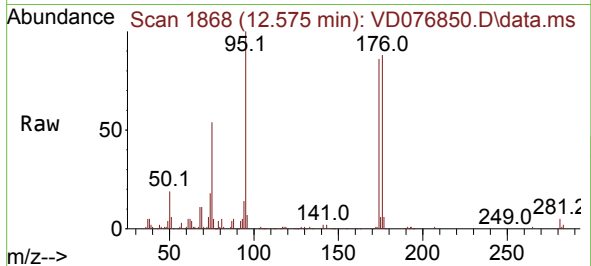




#76
1,2,3-Trichloropropane
Concen: 50.163 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
DEL-1-RP

Tgt Ion: 75 Resp: 70103
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.759 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076850.D
Acq: 28 Jul 2023 13:01

Tgt Ion: 75 Resp: 70103
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

