

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075733.D
 Acq On : 18 Apr 2023 18:13
 Operator : KP/SY
 Sample : 02270-19
 Misc : 2.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-31-16-18-20230412

Quant Time: Apr 19 01:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

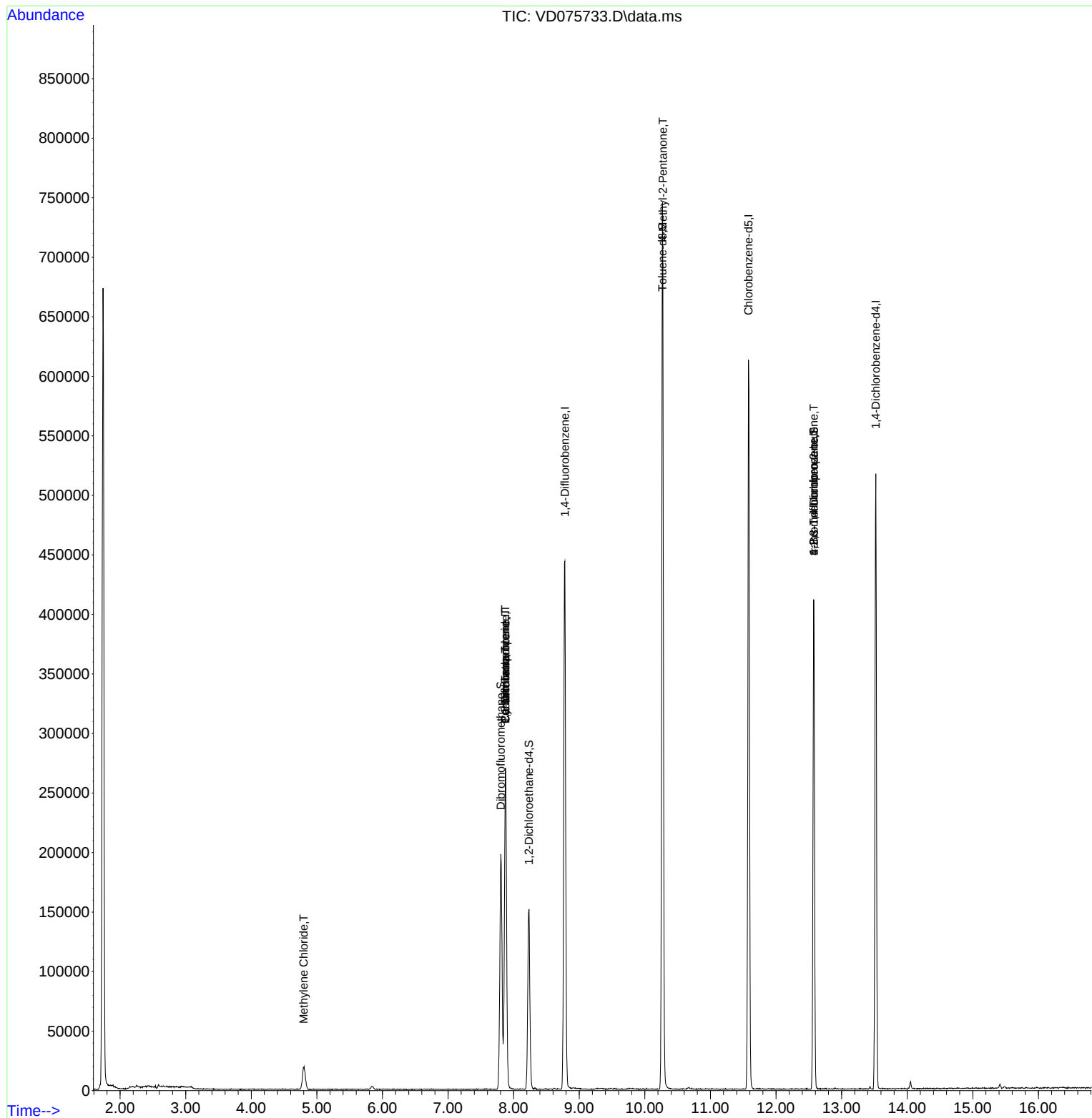
Internal Standards						
1) Pentafluorobenzene	7.875	168	222532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	437791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	389111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	150246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116733	55.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.520%	
35) Dibromofluoromethane	7.804	113	146397	49.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.440%	
50) Toluene-d8	10.269	98	546124	46.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.620%	
62) 4-Bromofluorobenzene	12.575	95	130822	41.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	18282	1.646	ug/l #	72
31) Cyclohexane	7.875	56	4481	1.352	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15888	3.911	ug/l #	50
38) Carbon Tetrachloride	7.875	117	20472	5.723	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1442	1.200	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	63476	51.807	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63476	112.286	ug/l #	5

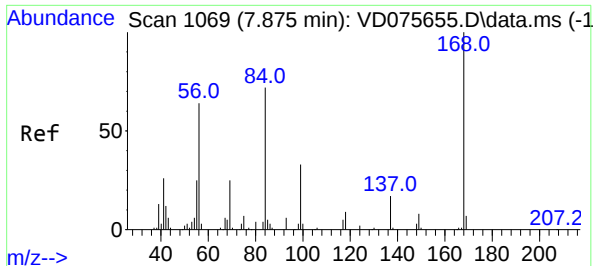
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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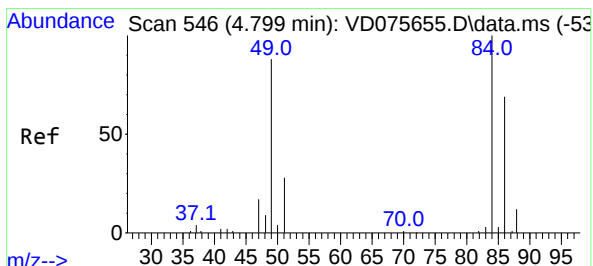
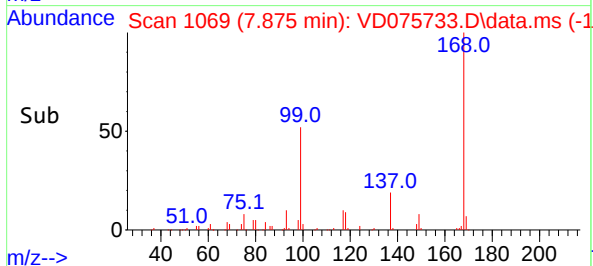
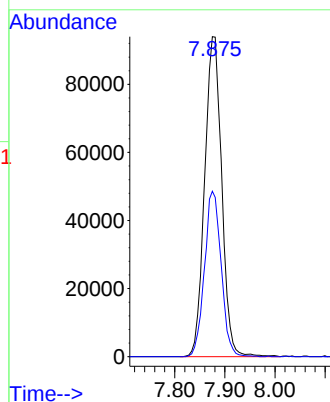
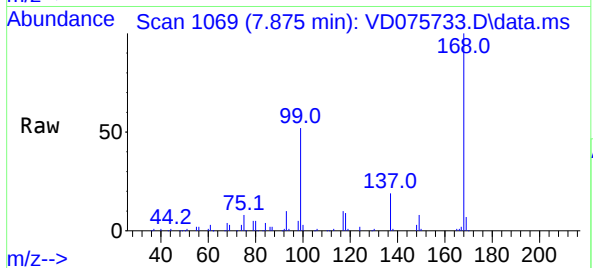




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

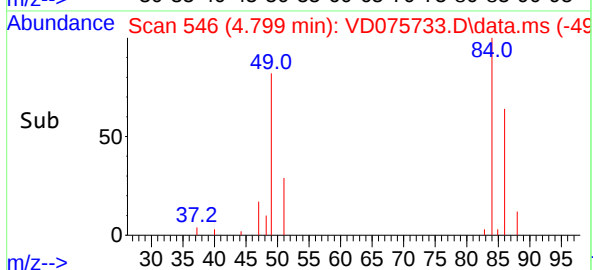
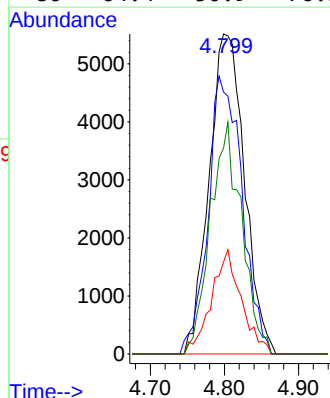
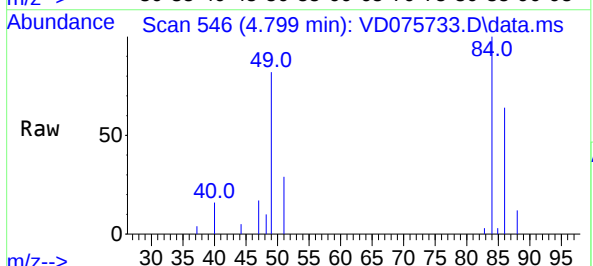
Instrument :
MSVOA_D
ClientSampleId :
SB-31-16-18-20230412

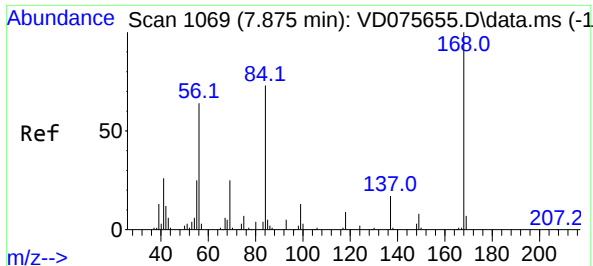
Tgt Ion:168 Resp: 222532
Ion Ratio Lower Upper
168 100
99 51.7 43.8 65.6



#20
Methylene Chloride
Concen: 1.646 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion: 84 Resp: 18282
Ion Ratio Lower Upper
84 100
49 81.9 106.4 159.6#
51 28.8 32.4 48.6#
86 64.4 50.9 76.3

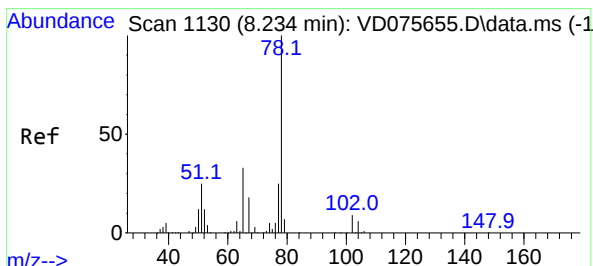
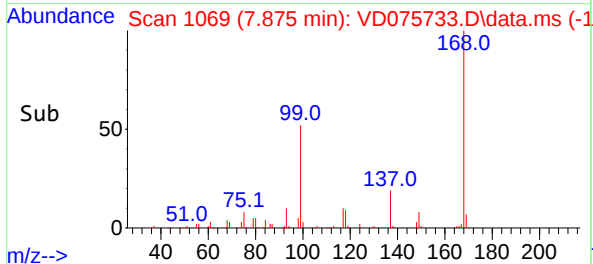
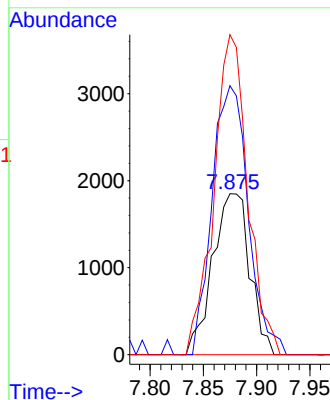
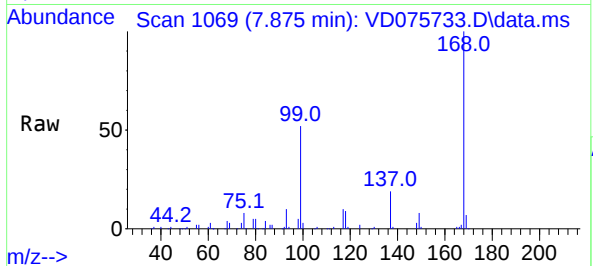




#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

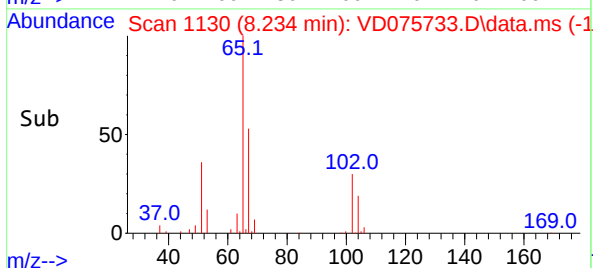
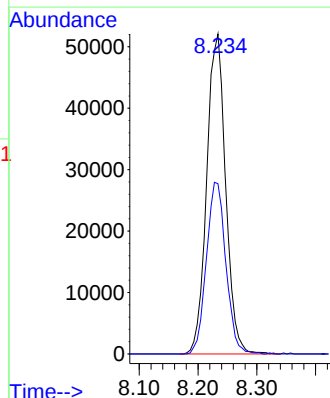
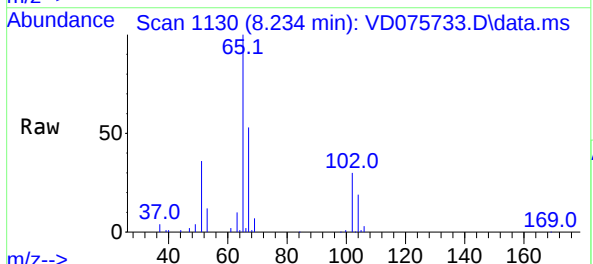
Instrument :
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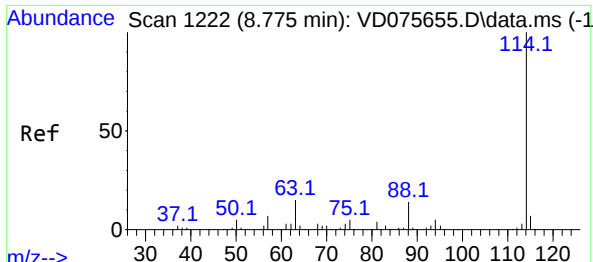
Tgt Ion: 56 Resp: 4481
Ion Ratio Lower Upper
56 100
69 167.0 25.5 38.3#
84 198.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion: 65 Resp: 116733
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2

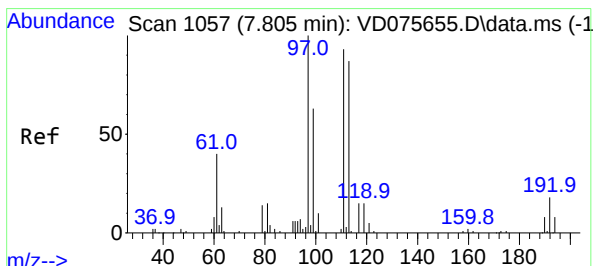
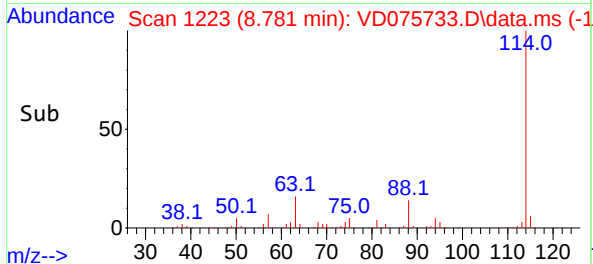
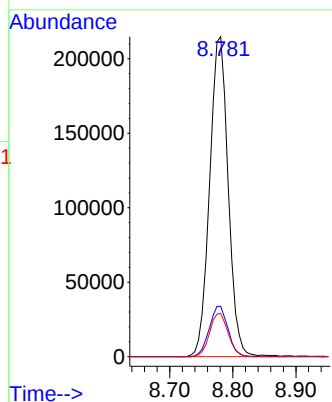
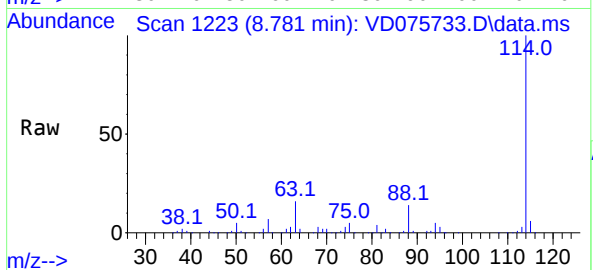




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

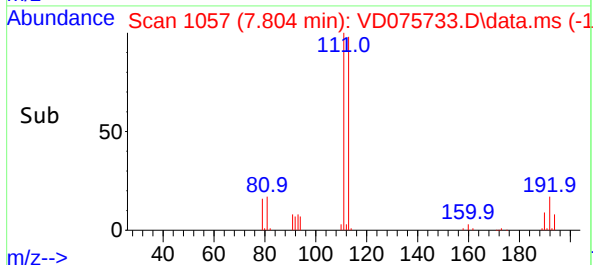
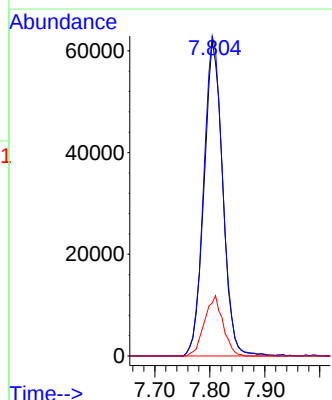
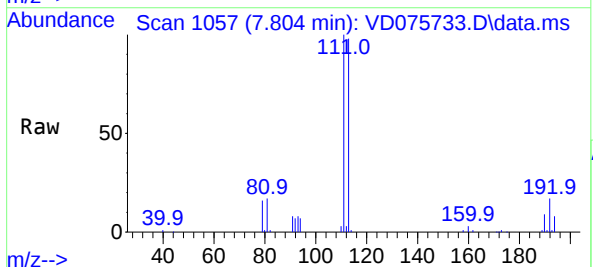
Instrument :
MSVOA_D
ClientSampleId :
SB-31-16-18-20230412

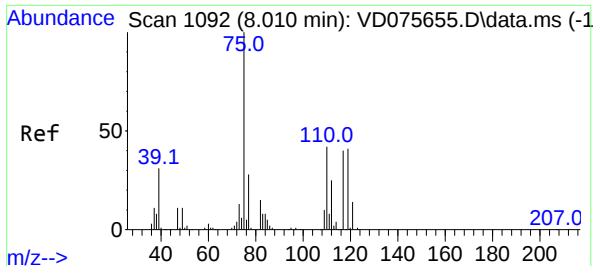
Tgt Ion:114 Resp: 437791
Ion Ratio Lower Upper
114 100
63 15.8 0.0 41.6
88 13.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.717 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion:113 Resp: 146397
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.9 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.911 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075733.D

Acq: 18 Apr 2023 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-31-16-18-20230412

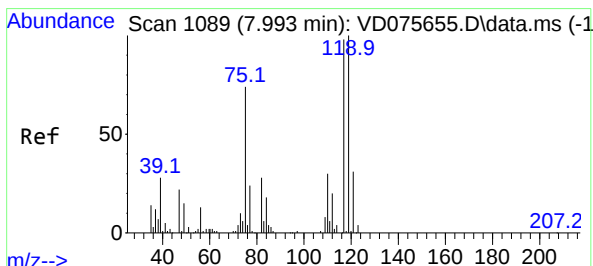
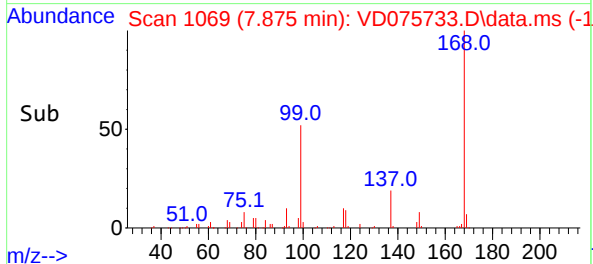
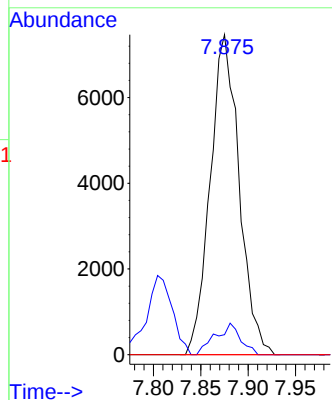
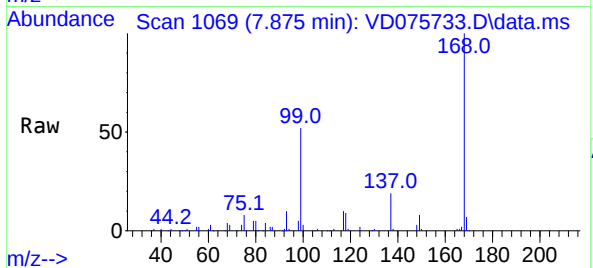
Tgt Ion: 75 Resp: 15888

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.723 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075733.D

Acq: 18 Apr 2023 18:13

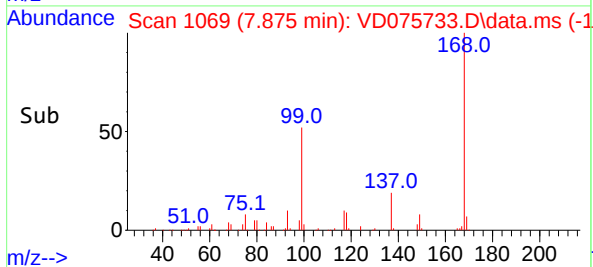
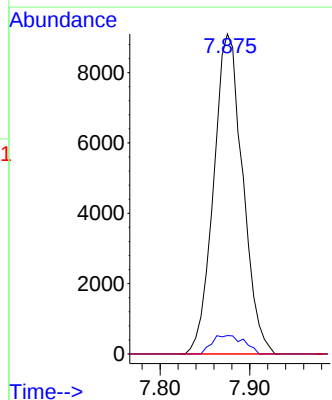
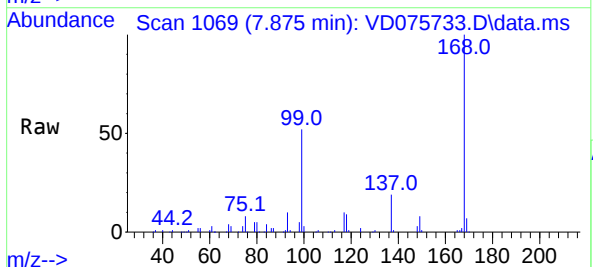
Tgt Ion: 117 Resp: 20472

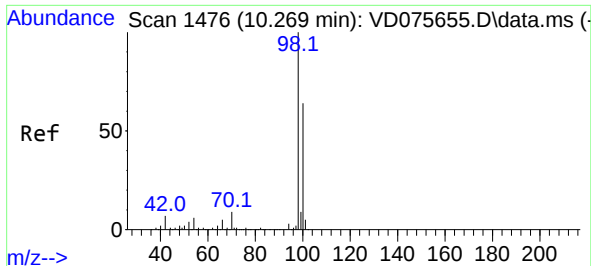
Ion Ratio Lower Upper

117 100

119 5.8 74.7 112.1#

121 0.0 25.9 38.9#

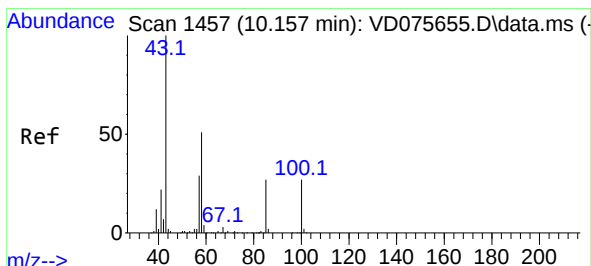
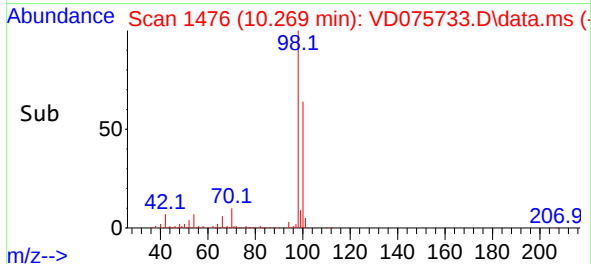
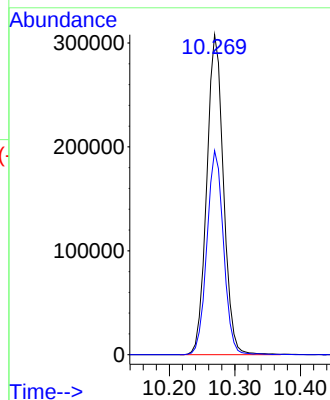
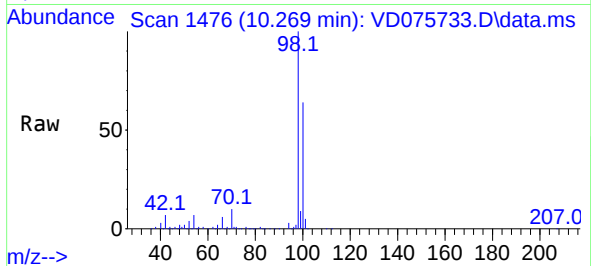




#50
Toluene-d8
Concen: 46.314 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

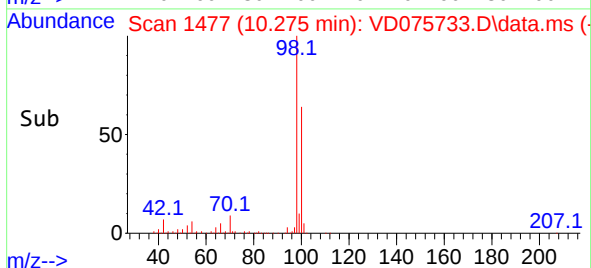
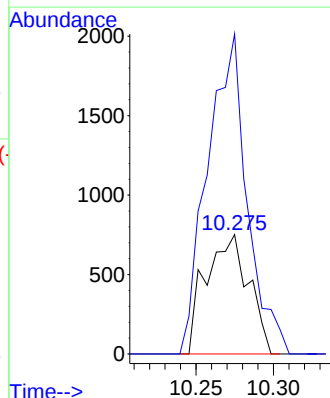
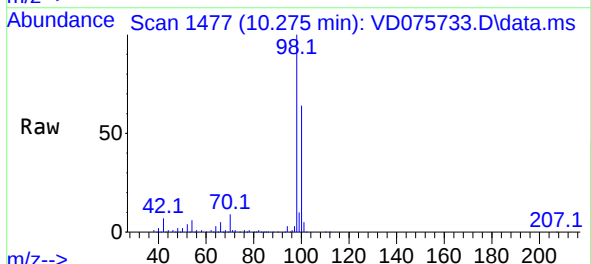
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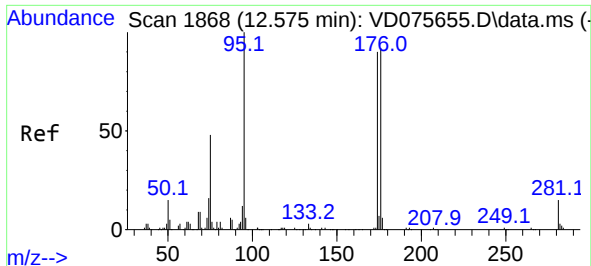
Tgt Ion: 98 Resp: 546124
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.200 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 247.6 29.5 44.3#

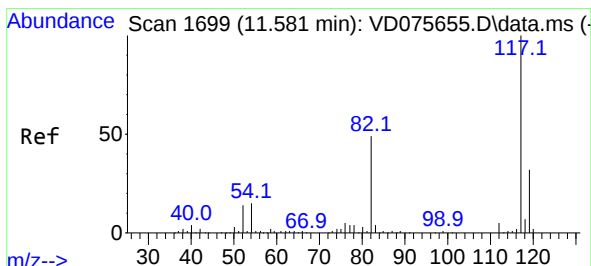
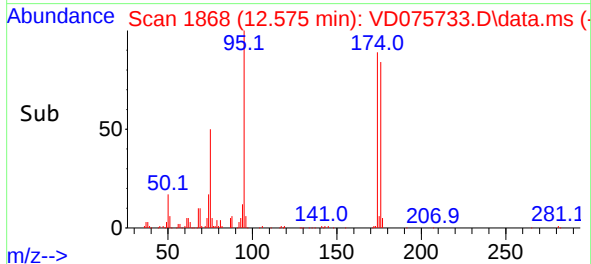
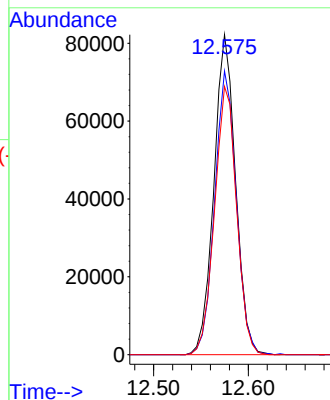
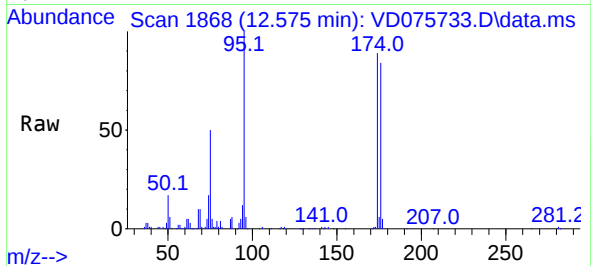




#62
4-Bromofluorobenzene
Concen: 41.740 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

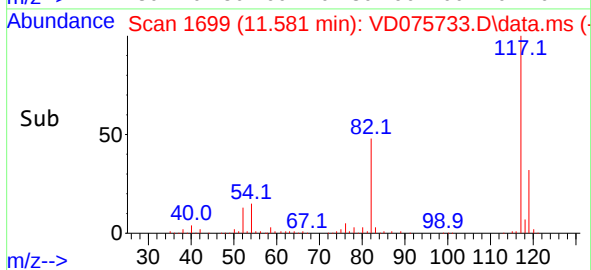
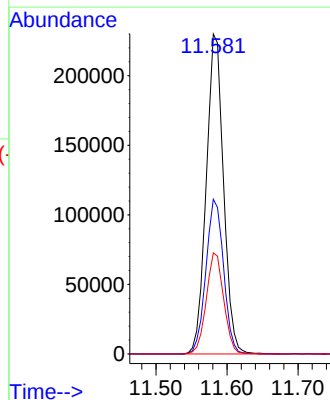
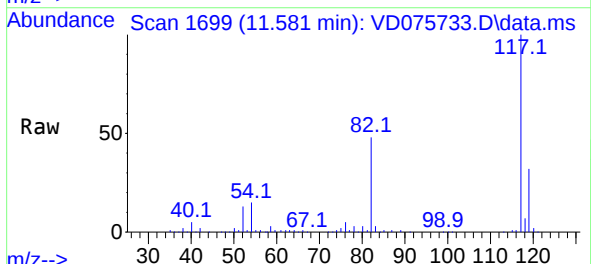
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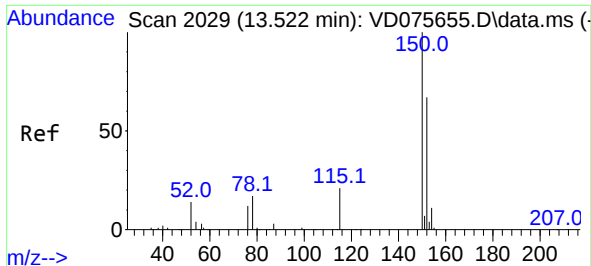
Tgt Ion: 95 Resp: 130822
Ion Ratio Lower Upper
95 100
174 88.6 0.0 164.0
176 85.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

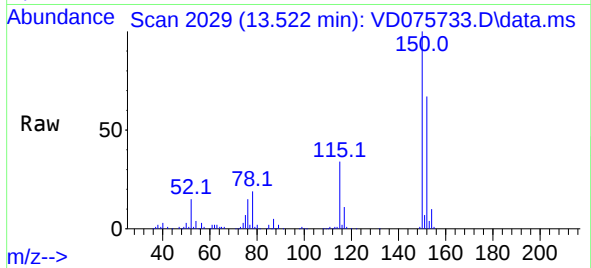
Tgt Ion: 117 Resp: 389111
Ion Ratio Lower Upper
117 100
82 48.4 44.0 66.0
119 31.6 25.1 37.7



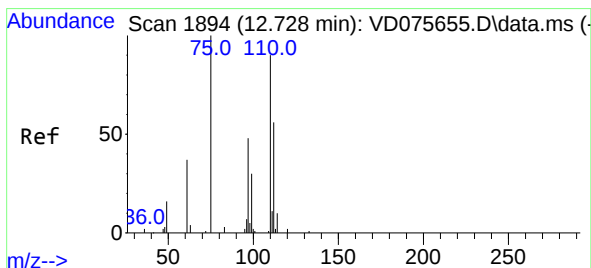
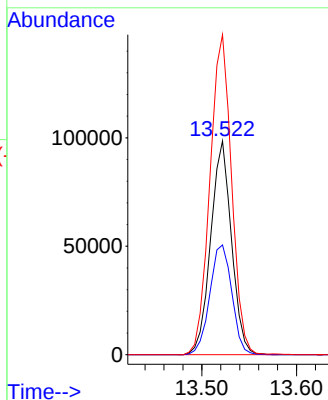
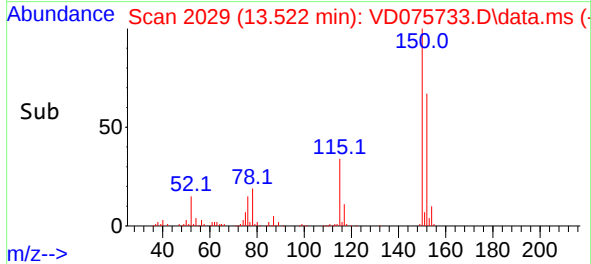


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :
SB-31-16-18-20230412

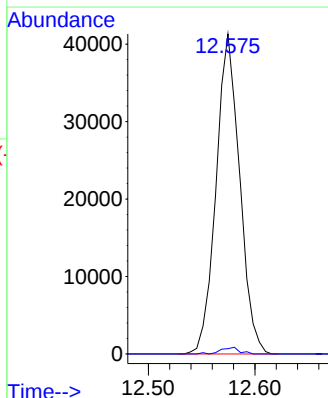
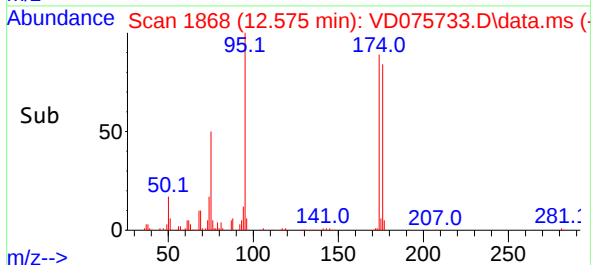
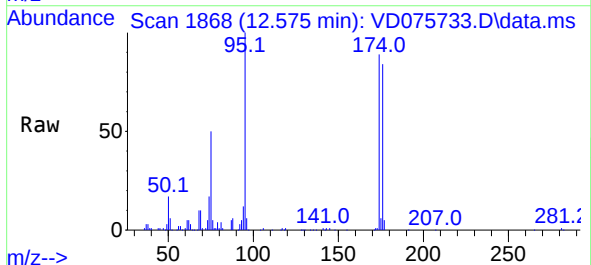


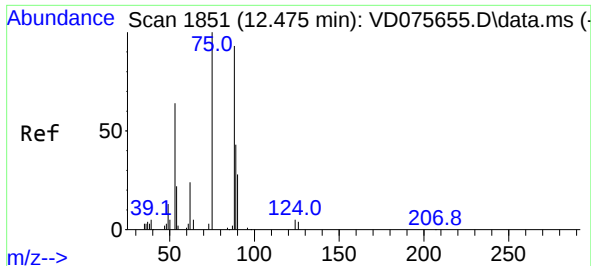
Tgt Ion:152 Resp: 150246
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 155.7 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 51.807 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

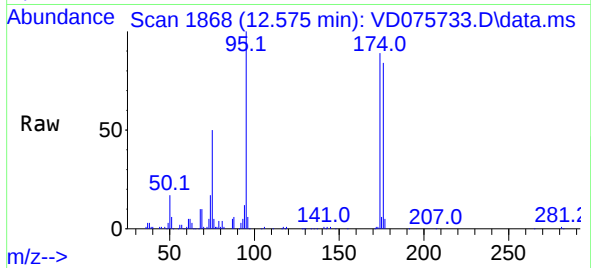
Tgt Ion: 75 Resp: 63476
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.286 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075733.D
 Acq: 18 Apr 2023 18:13

Instrument : MSVOA_D
 ClientSampleId : SB-31-16-18-20230412



Tgt Ion:	75	Resp:	63476
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

