

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075735.D
 Acq On : 18 Apr 2023 19:12
 Operator : KP/SY
 Sample : 02270-21
 Misc : 3.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-30-2-4-20230412

Quant Time: Apr 19 01:24:59 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

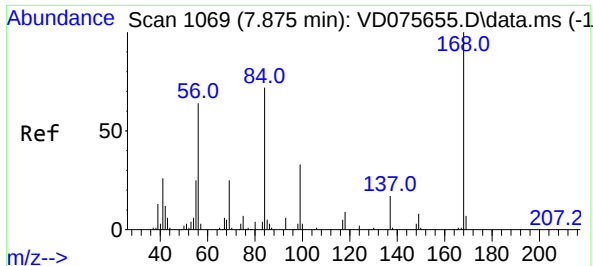
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	227317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	454754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	413265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	166945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	120537	55.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.720%
35) Dibromofluoromethane	7.804	113	151748	49.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.269	98	581543	47.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.575	95	148342	45.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	12013	Below Cal	#	69
31) Cyclohexane	7.875	56	4117	1.216	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	16573	3.928	ug/l #	49
38) Carbon Tetrachloride	7.875	117	21662	5.830	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1702	1.363	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	70361	51.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	70361	112.016	ug/l #	5

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

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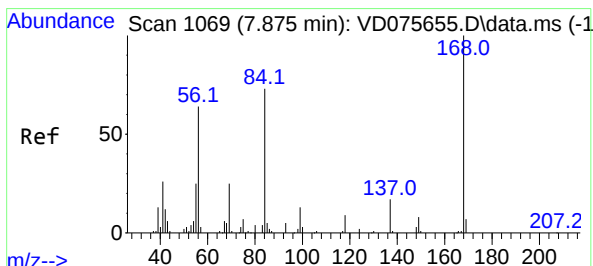
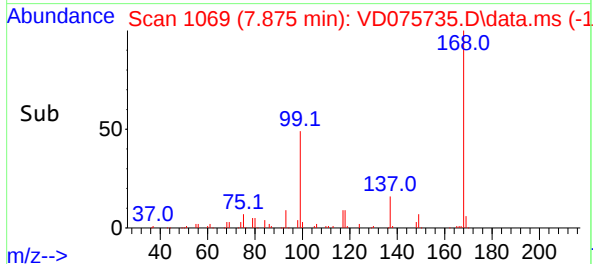
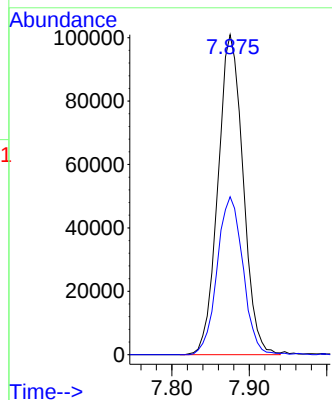
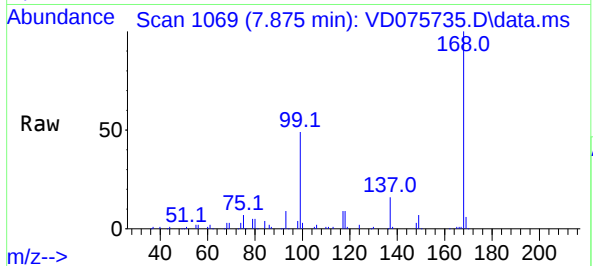




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

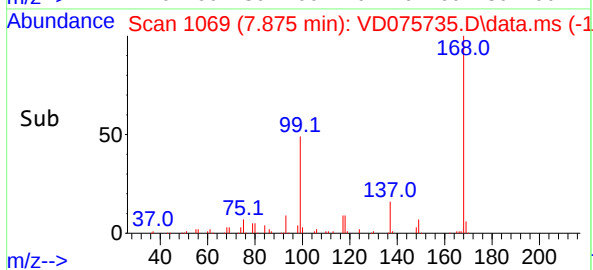
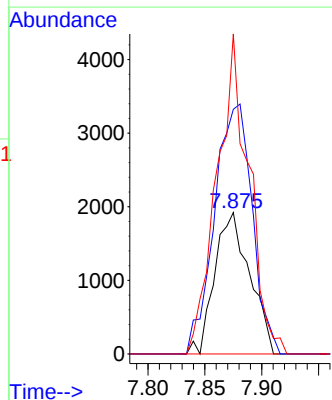
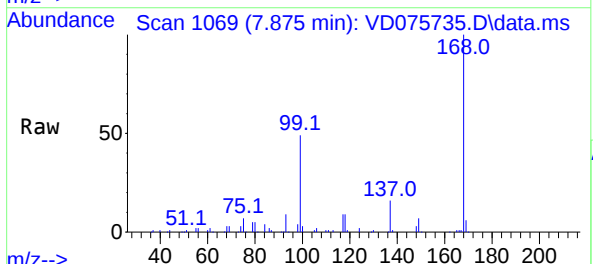
Instrument :
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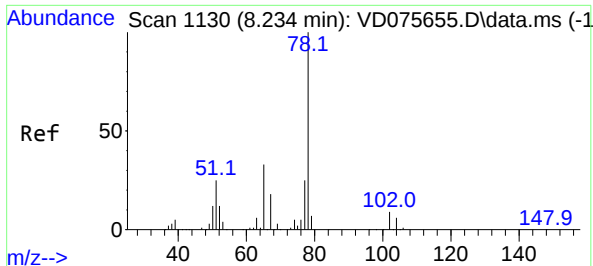
Tgt Ion:168 Resp: 227317
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion: 56 Resp: 4117
Ion Ratio Lower Upper
56 100
69 173.0 25.5 38.3#
84 226.2 69.6 104.4#

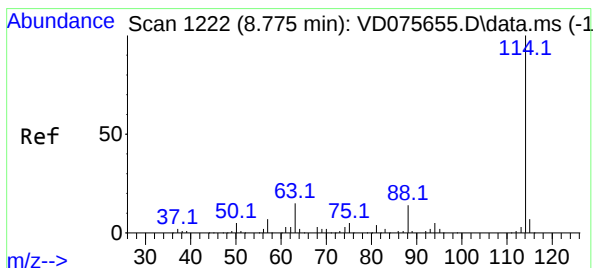
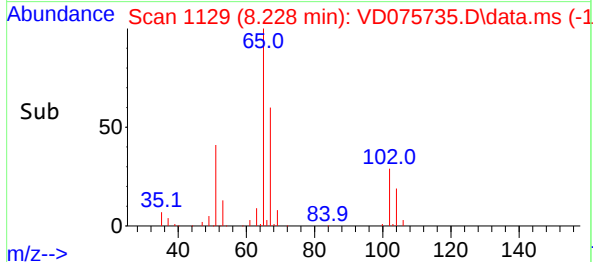
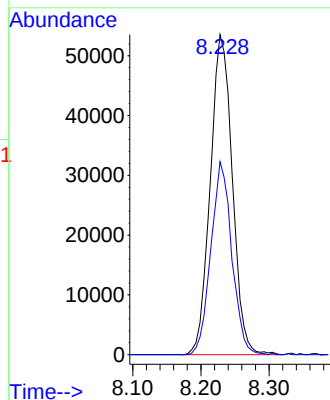
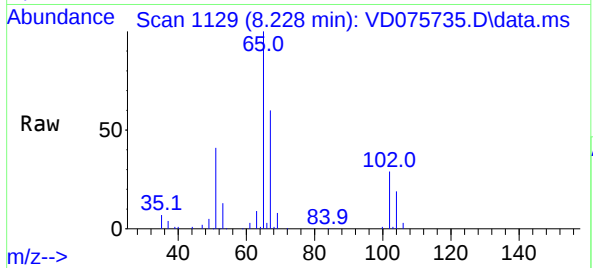




#33
1,2-Dichloroethane-d4
Concen: 55.864 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

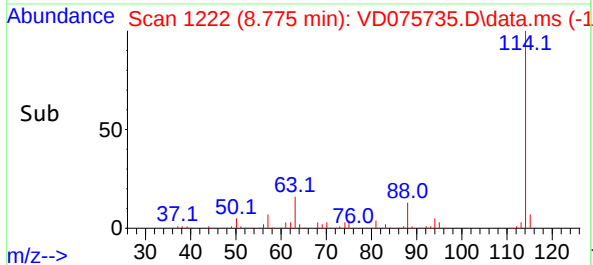
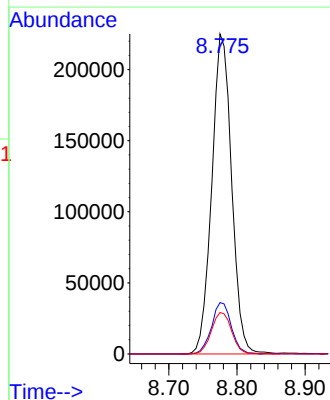
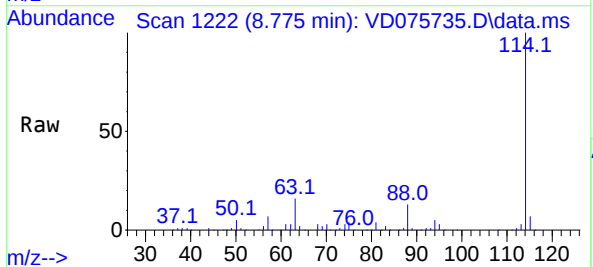
Instrument :
MSVOA_D
ClientSampleId :
SB-30-2-4-20230412

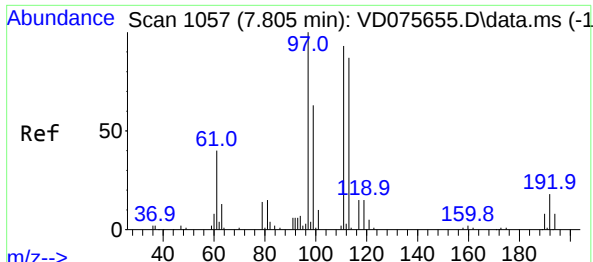
Tgt Ion: 65 Resp: 120537
Ion Ratio Lower Upper
65 100
67 57.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion: 114 Resp: 454754
Ion Ratio Lower Upper
114 100
63 16.1 0.0 41.6
88 12.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.612 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075735.D

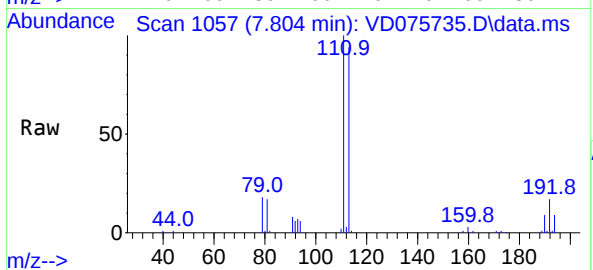
Acq: 18 Apr 2023 19:12

Instrument :

MSVOA_D

ClientSampleId :

SB-30-2-4-20230412



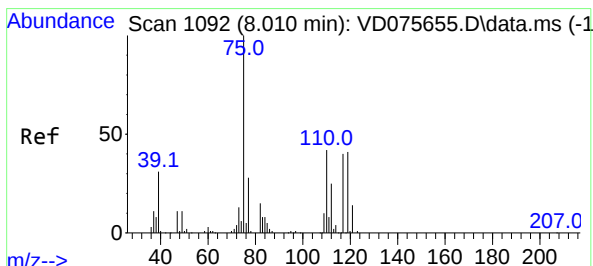
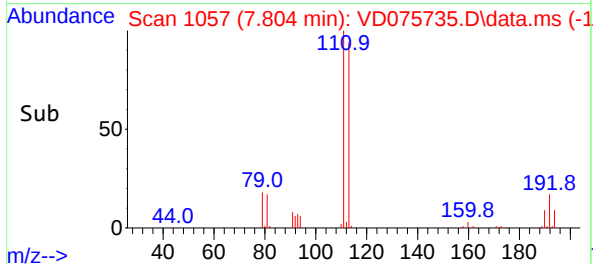
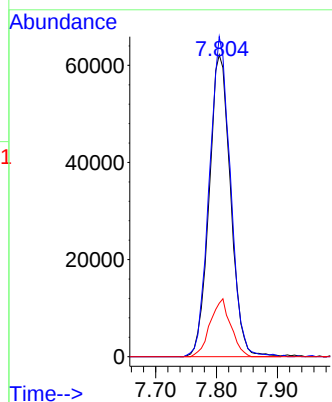
Tgt Ion:113 Resp: 151748

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 18.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 3.928 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075735.D

Acq: 18 Apr 2023 19:12

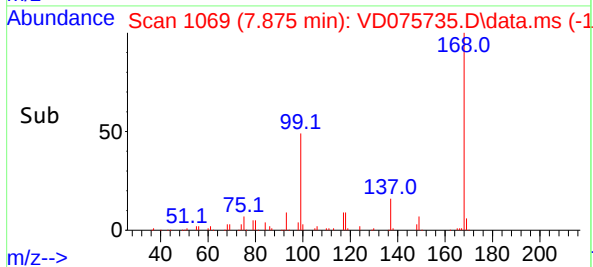
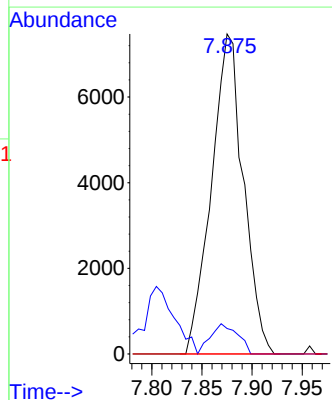
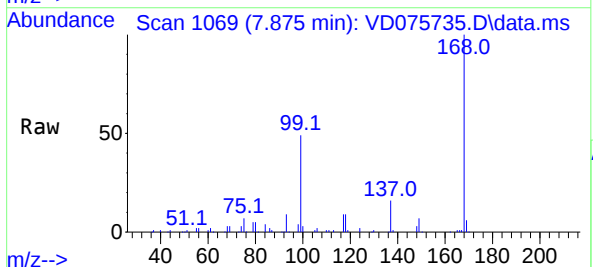
Tgt Ion: 75 Resp: 16573

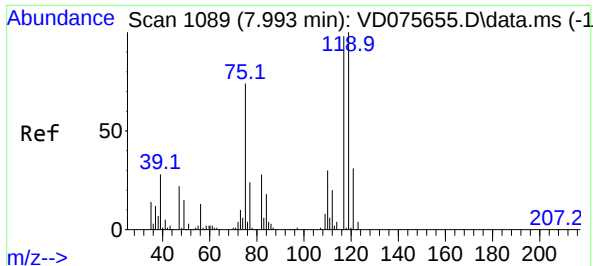
Ion Ratio Lower Upper

75 100

110 8.0 17.1 51.2#

77 0.0 24.6 36.8#

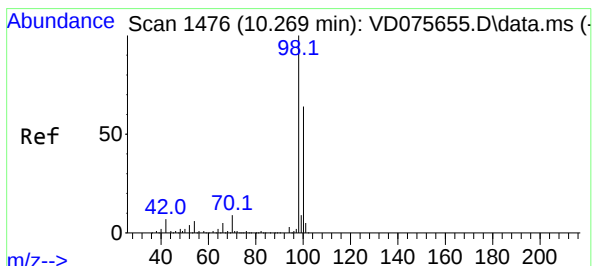
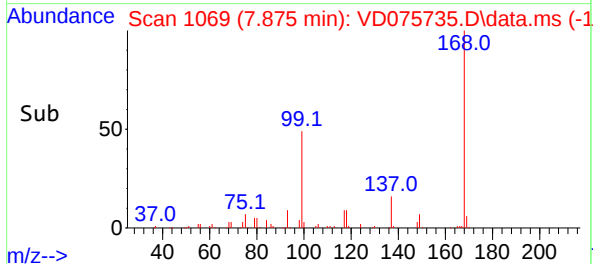
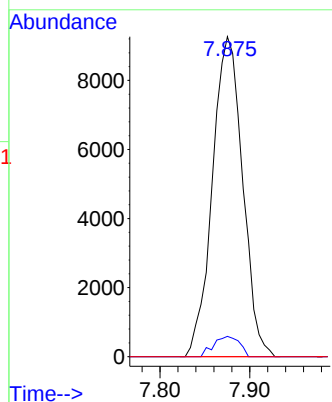
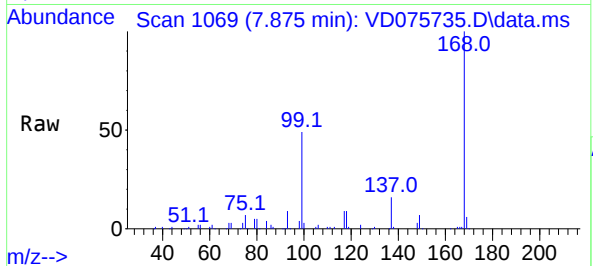




#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

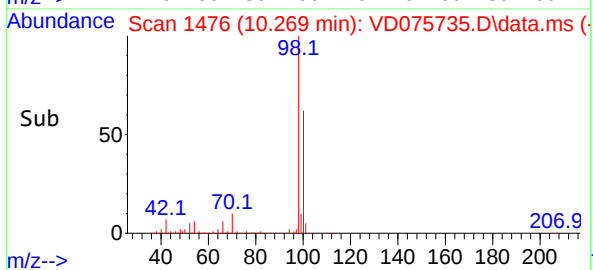
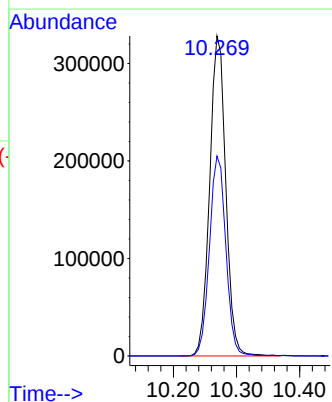
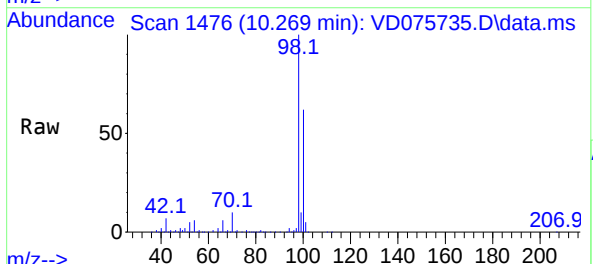
Instrument :
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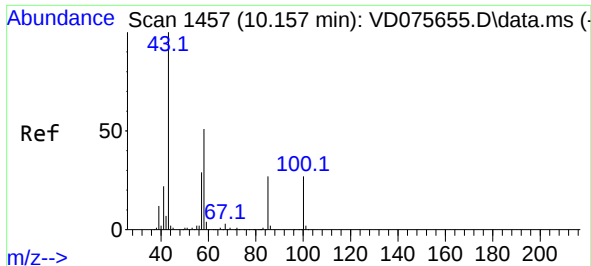
Tgt Ion:117 Resp: 21662
Ion Ratio Lower Upper
117 100
119 6.4 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 47.478 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion: 98 Resp: 581543
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

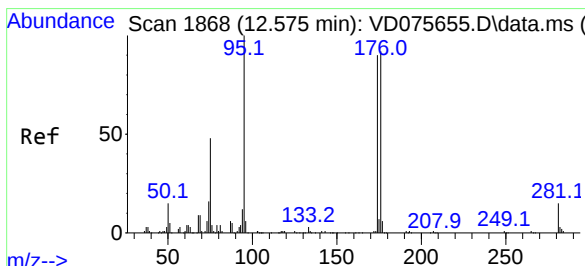
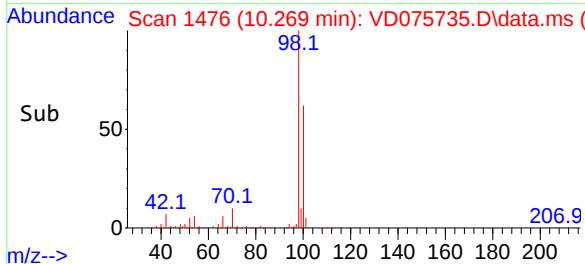
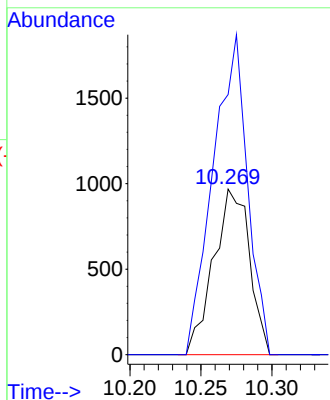
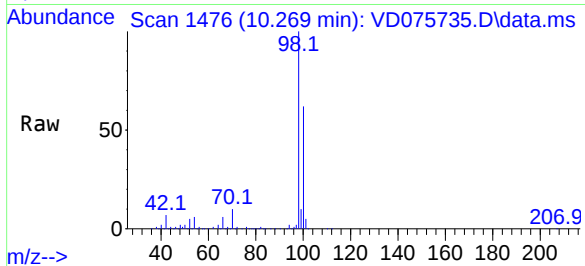




#51
4-Methyl-2-Pentanone
Concen: 1.363 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

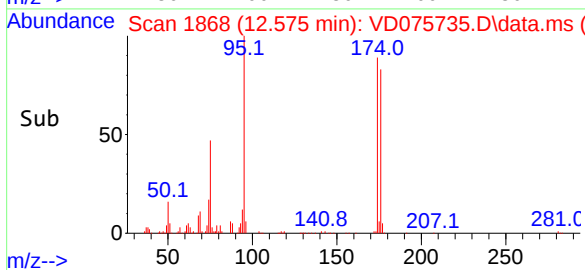
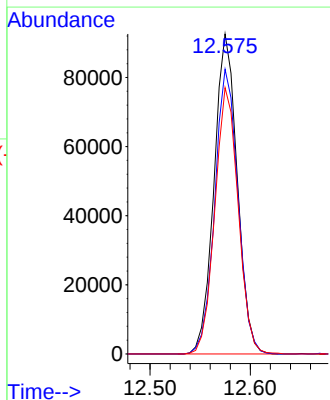
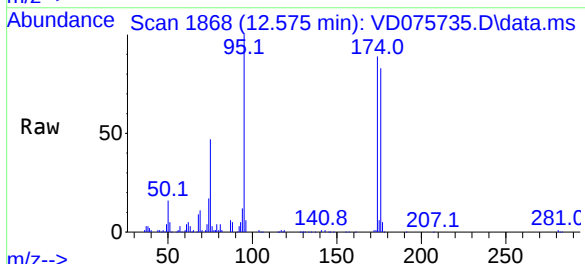
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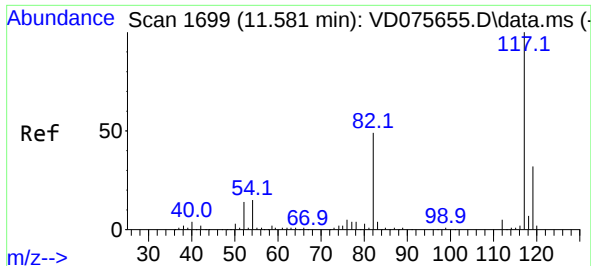
Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
58 185.4 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 45.564 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion: 95 Resp: 148342
Ion Ratio Lower Upper
95 100
174 89.1 0.0 164.0
176 83.6 0.0 156.8

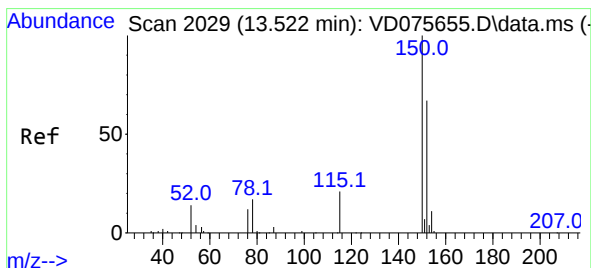
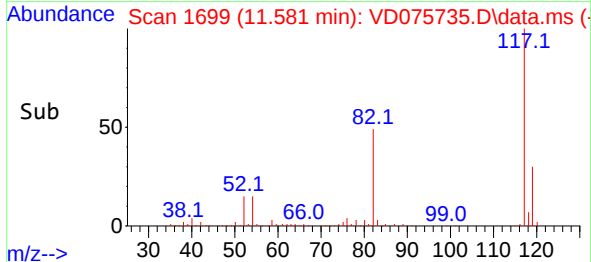
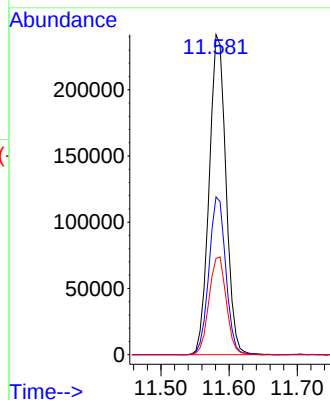
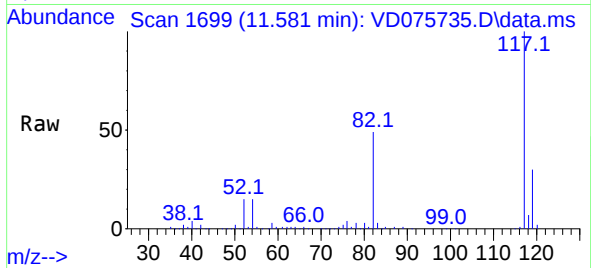




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

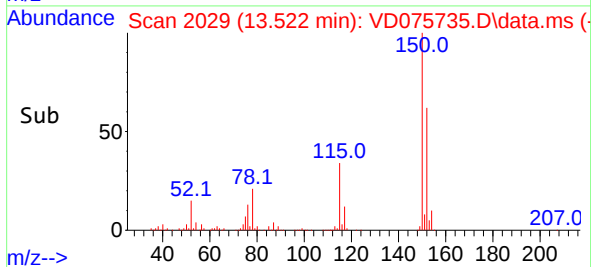
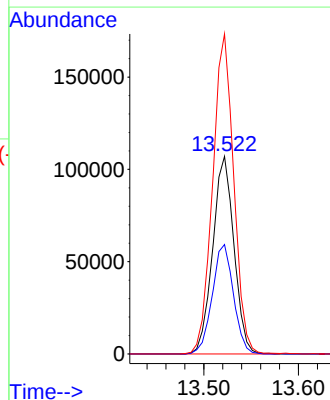
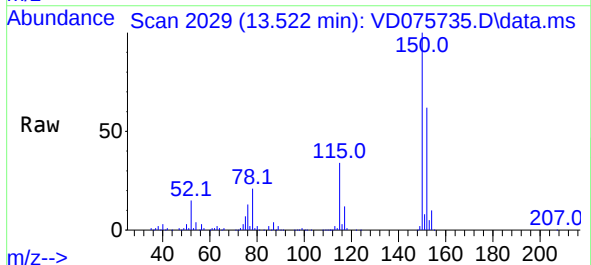
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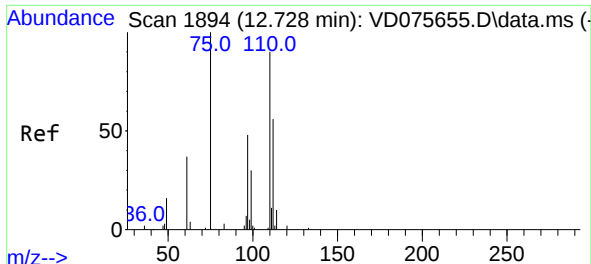
Tgt Ion:117 Resp: 413265
Ion Ratio Lower Upper
117 100
82 49.3 44.0 66.0
119 30.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion:152 Resp: 166945
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 160.9 0.0 364.8

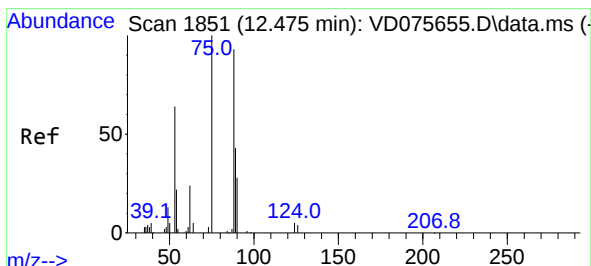
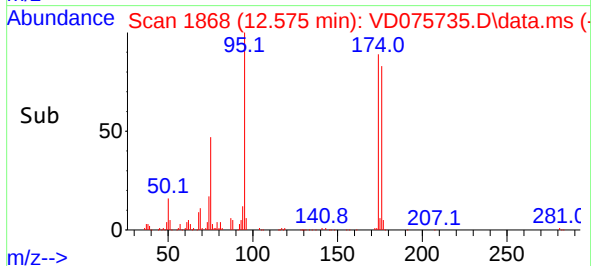
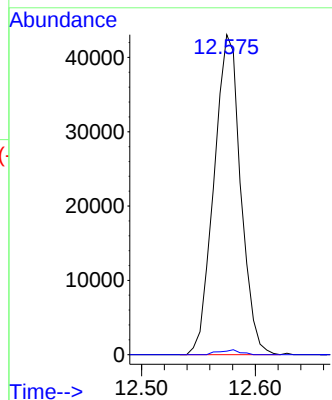
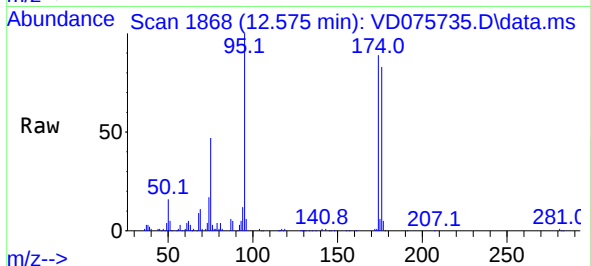




#76
1,2,3-Trichloropropane
Concen: 51.682 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Instrument :
MSVOA_D
ClientSampleId :
SB-30-2-4-20230412

Tgt Ion: 75 Resp: 70361
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.016 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion: 75 Resp: 70361
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

