

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075729.D
 Acq On : 18 Apr 2023 16:17
 Operator : KP/SY
 Sample : 02270-13RE
 Misc : 3.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24-0-2-20230411

Quant Time: Apr 19 01:24:08 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)

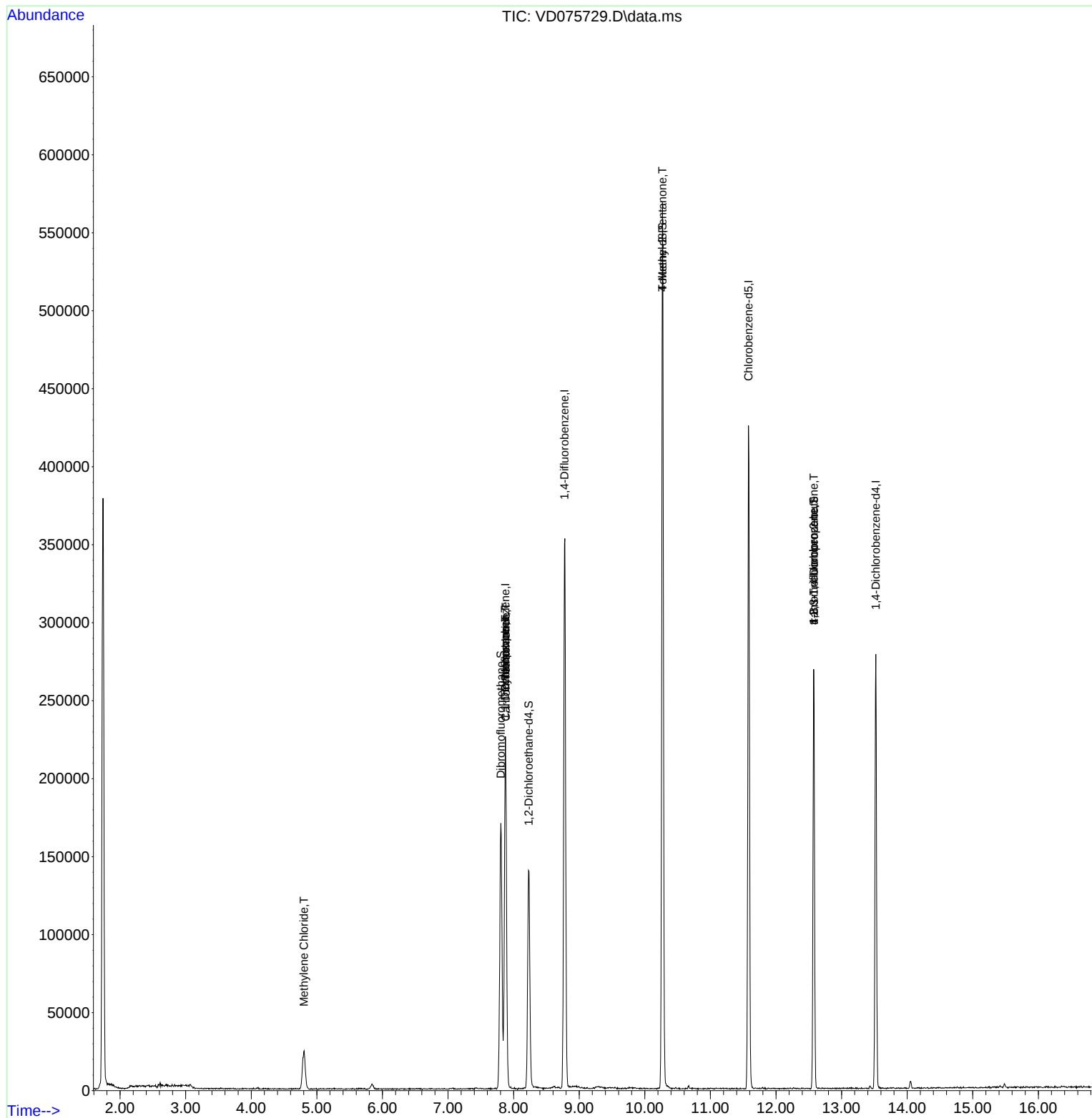
Internal Standards						
1) Pentafluorobenzene	7.875	168	181378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	345032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	81488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110586	64.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.460%	
35) Dibromofluoromethane	7.805	113	128163	55.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.269	98	415972	44.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.520%	
62) 4-Bromofluorobenzene	12.575	95	83538	33.819	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	22623	5.133	ug/l #	70
31) Cyclohexane	7.875	56	2977	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13642	4.261	ug/l #	50
38) Carbon Tetrachloride	7.881	117	17386	6.167	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	1215	1.283	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	40993	61.687	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40993	133.702	ug/l #	5

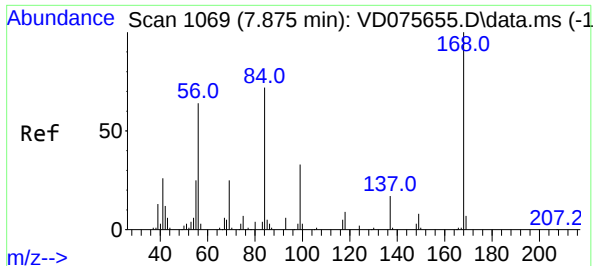
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
Data File : VD075729.D
Acq On : 18 Apr 2023 16:17
Operator : KP/SY
Sample : 02270-13RE
Misc : 3.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

Quant Time: Apr 19 01:24:08 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

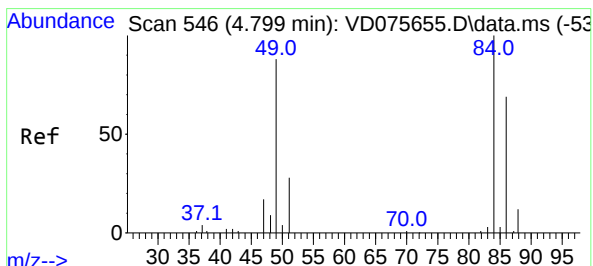
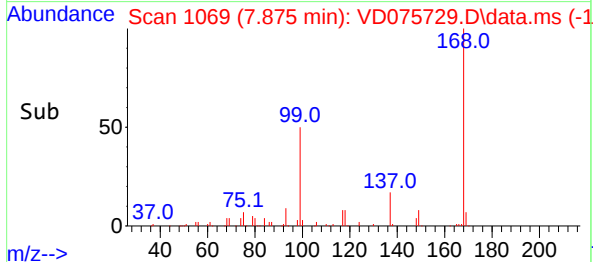
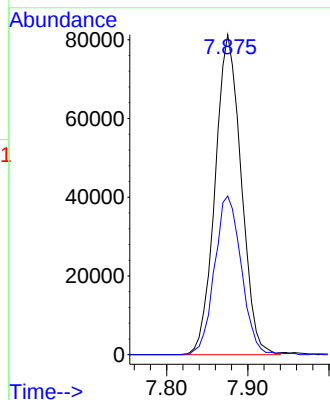
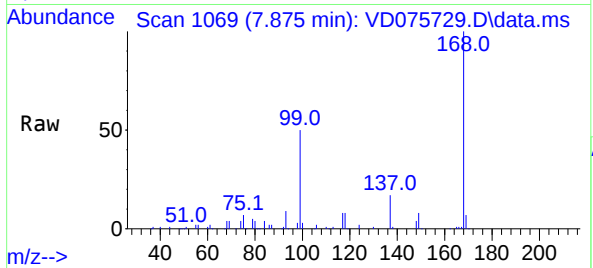




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

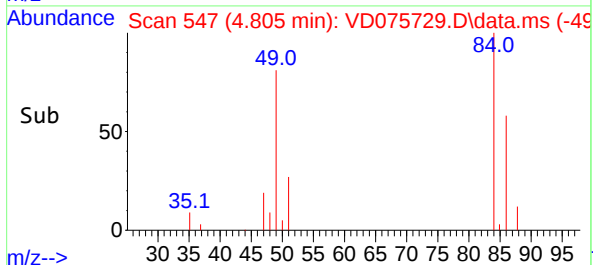
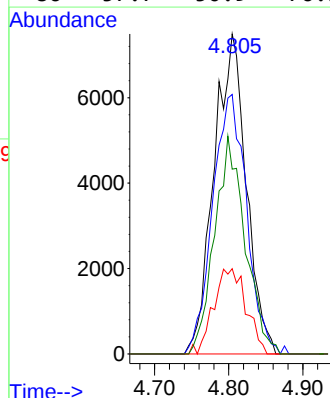
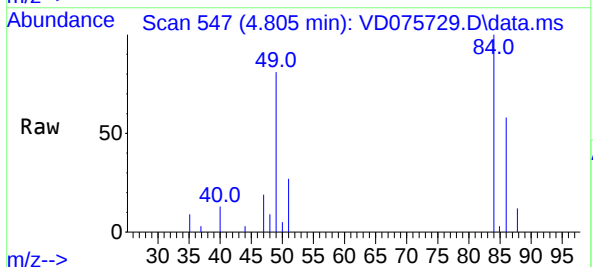
Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

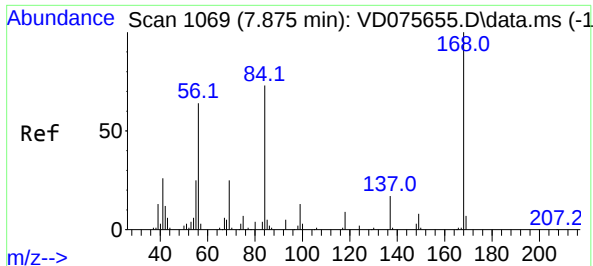
Tgt Ion:168 Resp: 181378
Ion Ratio Lower Upper
168 100
99 49.6 43.8 65.6



#20
Methylene Chloride
Concen: 5.133 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

Tgt Ion: 84 Resp: 22623
Ion Ratio Lower Upper
84 100
49 81.1 106.4 159.6#
51 26.7 32.4 48.6#
86 57.7 50.9 76.3

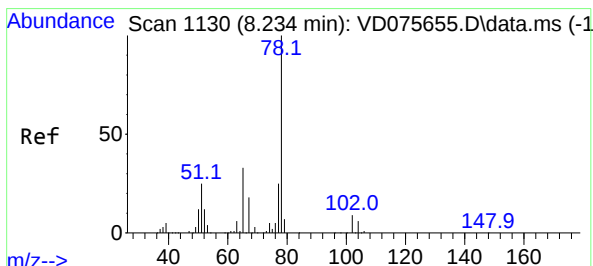
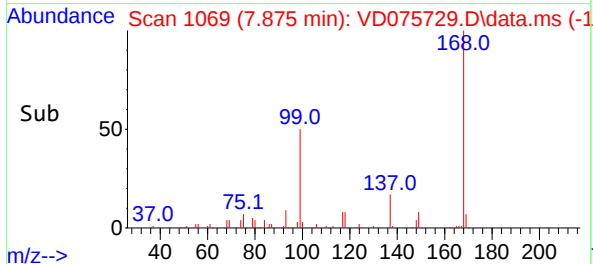
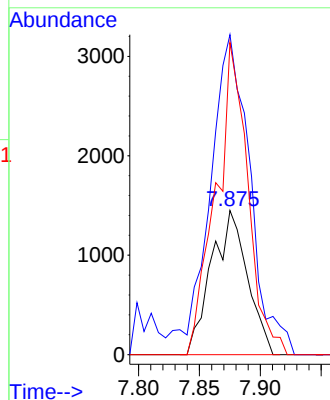
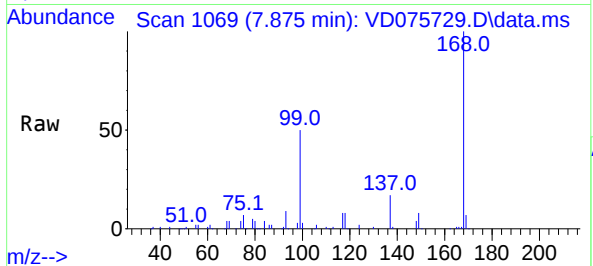




#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

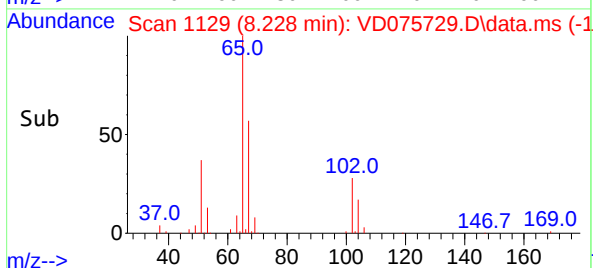
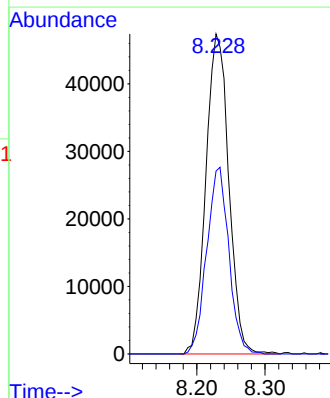
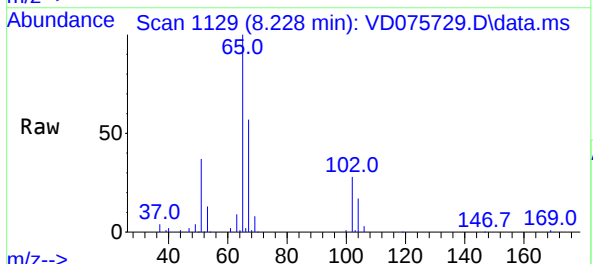
Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

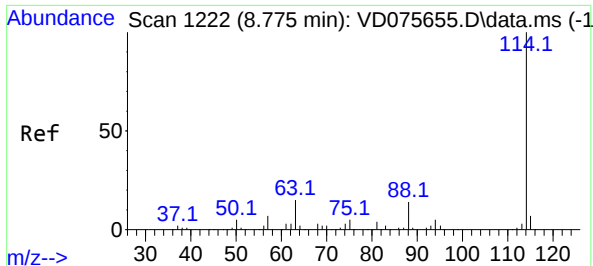
Tgt Ion: 56 Resp: 2977
Ion Ratio Lower Upper
56 100
69 204.7 25.5 38.3#
84 216.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 64.233 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

Tgt Ion: 65 Resp: 110586
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2

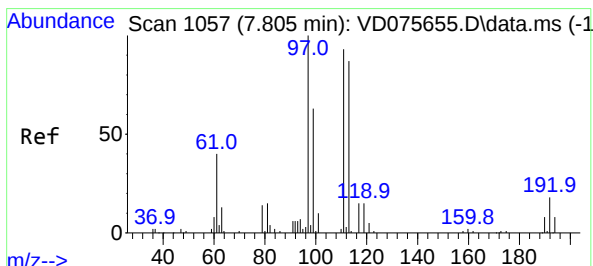
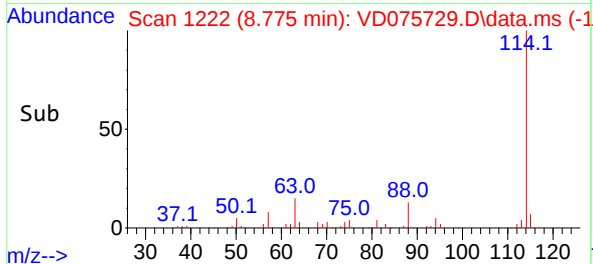
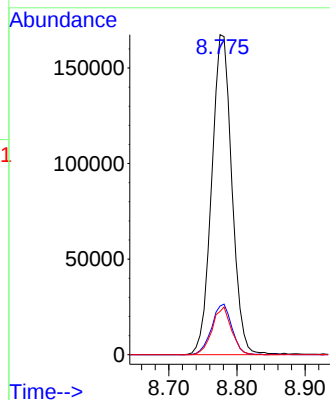
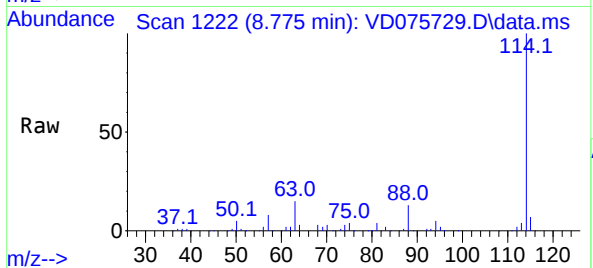




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

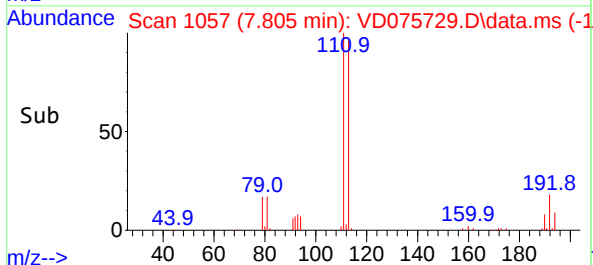
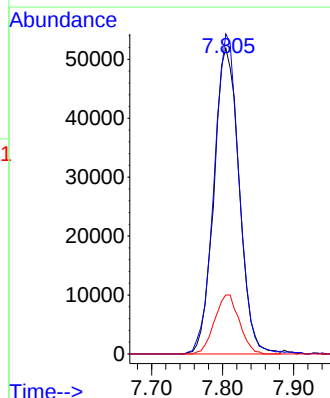
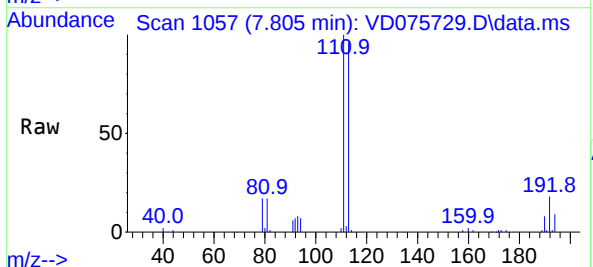
Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

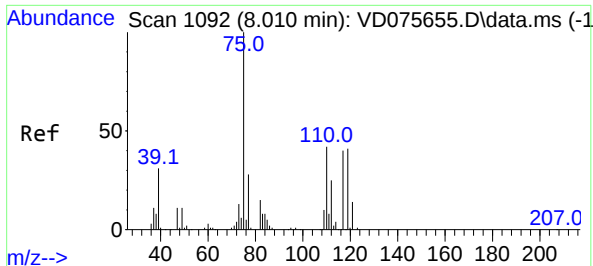
Tgt Ion:114 Resp: 345032
Ion Ratio Lower Upper
114 100
63 15.2 0.0 41.6
88 13.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.226 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

Tgt Ion:113 Resp: 128163
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.261 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075729.D

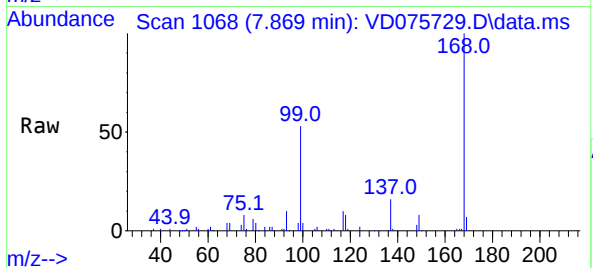
Acq: 18 Apr 2023 16:17

Instrument :

MSVOA_D

ClientSampleId :

SB-24-0-2-20230411



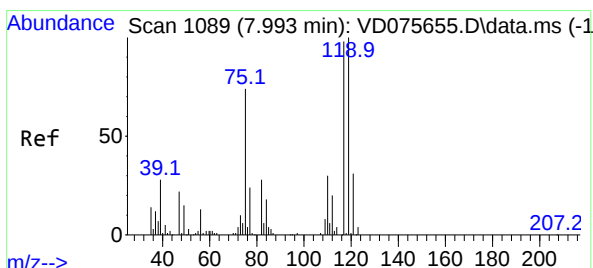
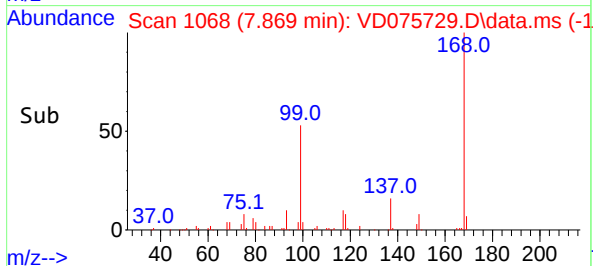
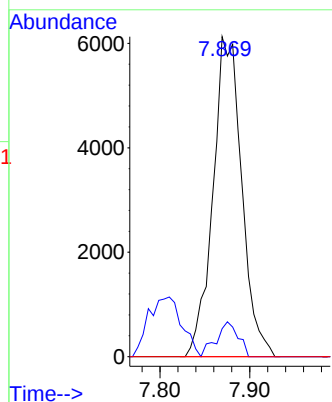
Tgt Ion: 75 Resp: 13642

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.167 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075729.D

Acq: 18 Apr 2023 16:17

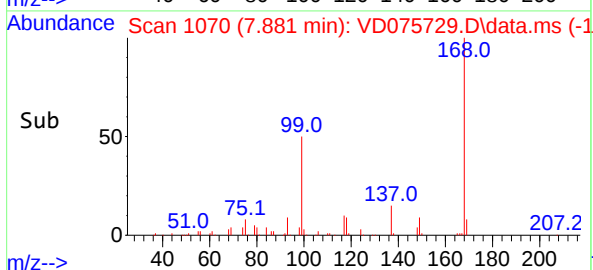
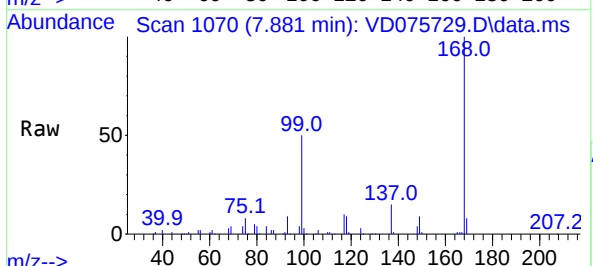
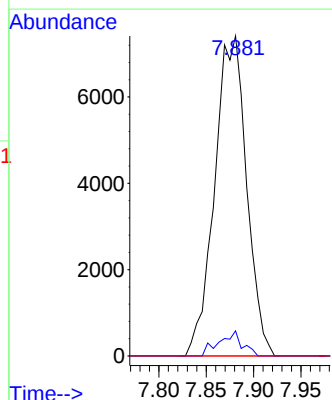
Tgt Ion: 117 Resp: 17386

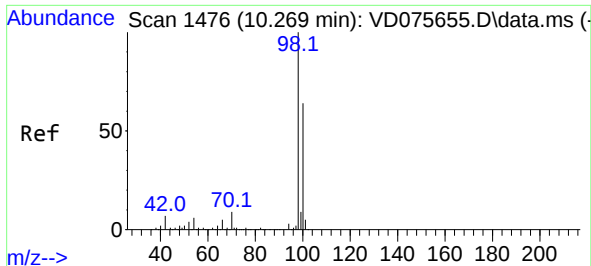
Ion Ratio Lower Upper

117 100

119 7.9 74.7 112.1#

121 0.0 25.9 38.9#

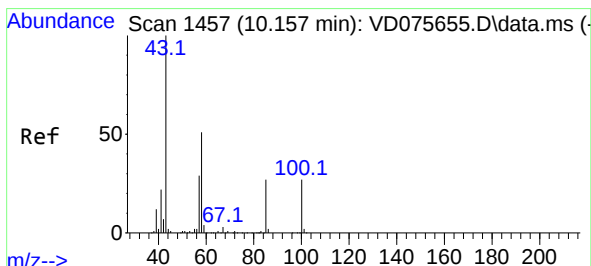
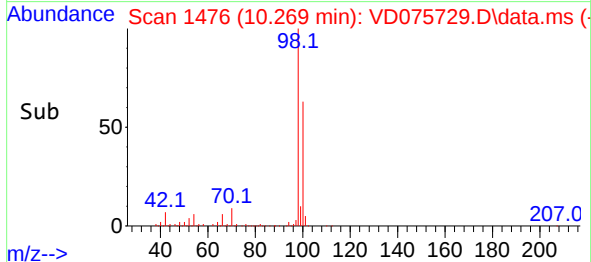
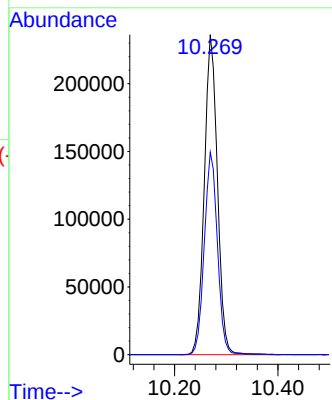
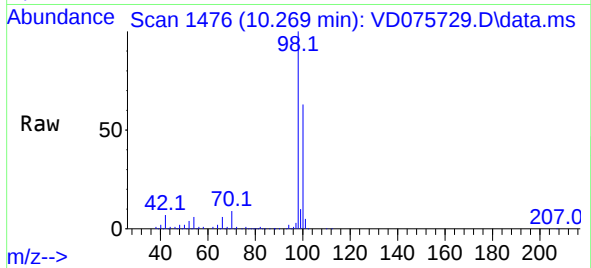




#50
Toluene-d8
Concen: 44.760 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

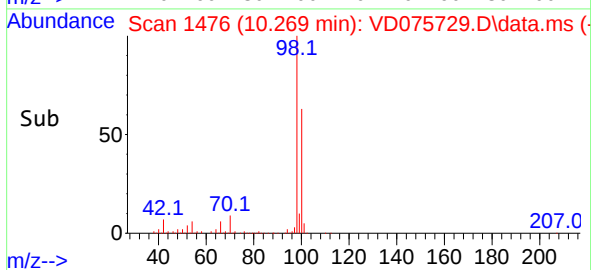
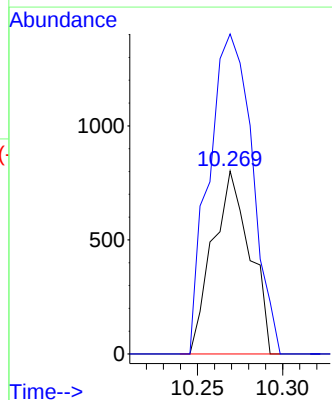
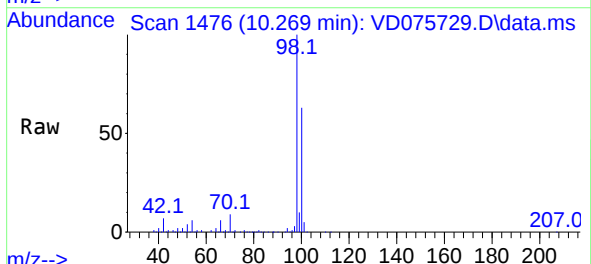
Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

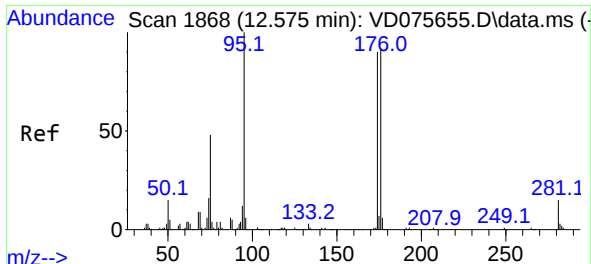
Tgt Ion: 98 Resp: 415972
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 204.0 29.5 44.3#

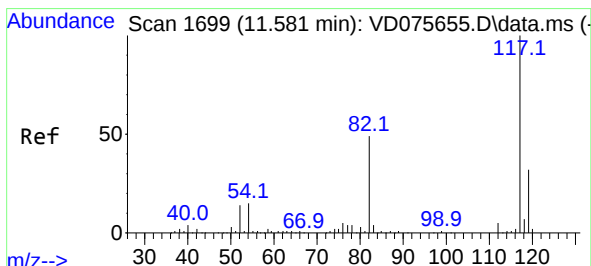
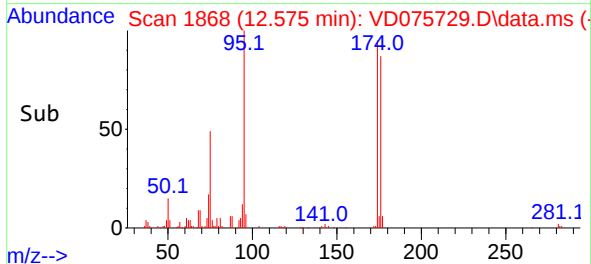
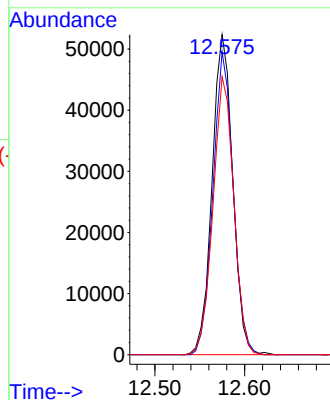
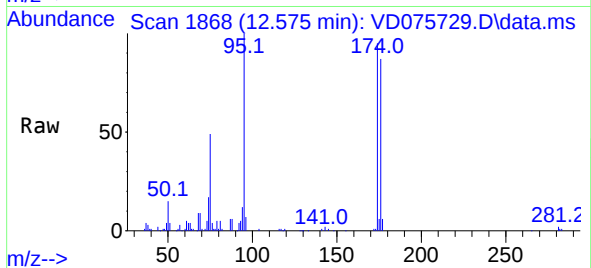




#62
4-Bromofluorobenzene
Concen: 33.819 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

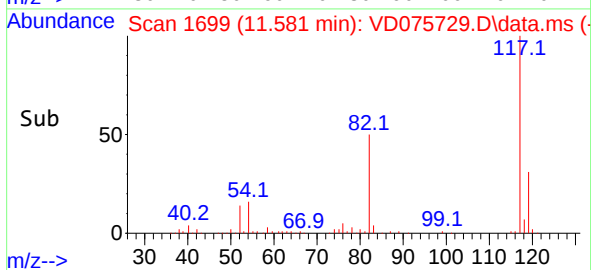
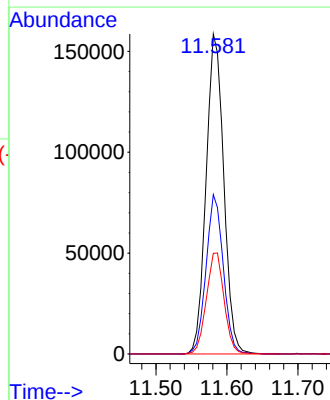
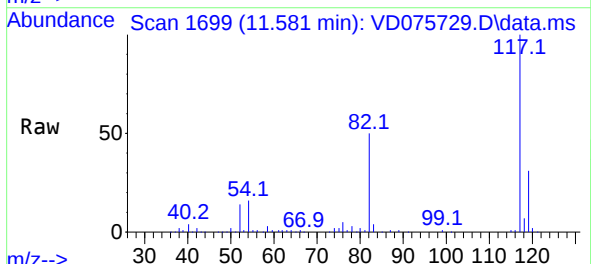
Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

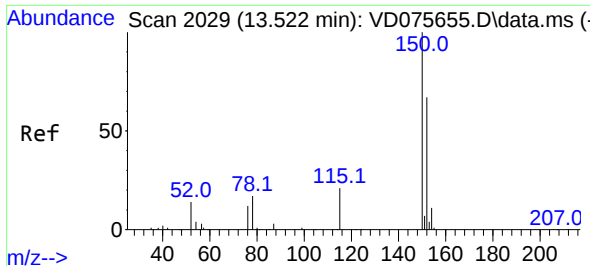
Tgt Ion:	95	Resp:	83538
Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	164.0
176	87.4	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

Tgt Ion:	117	Resp:	274240
Ion	Ratio	Lower	Upper
117	100		
82	49.8	44.0	66.0
119	31.5	25.1	37.7

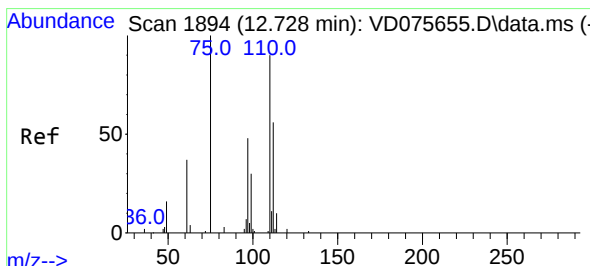
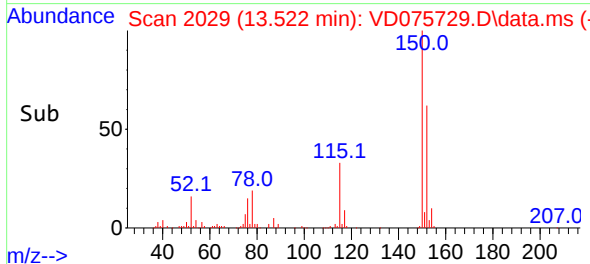
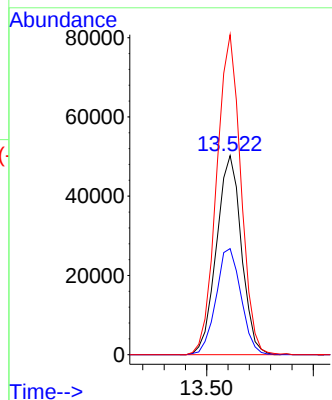
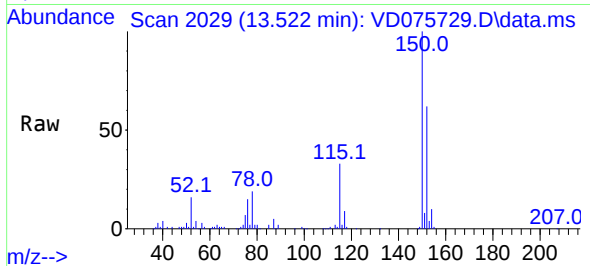




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

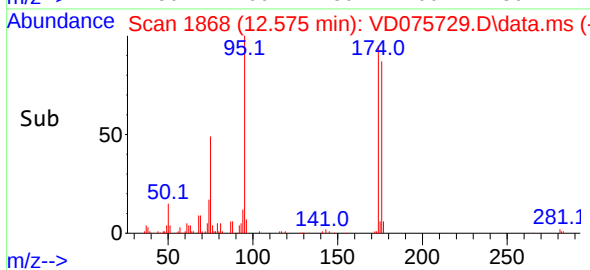
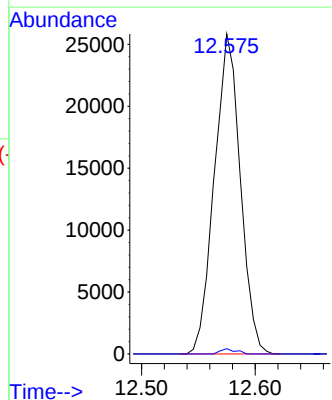
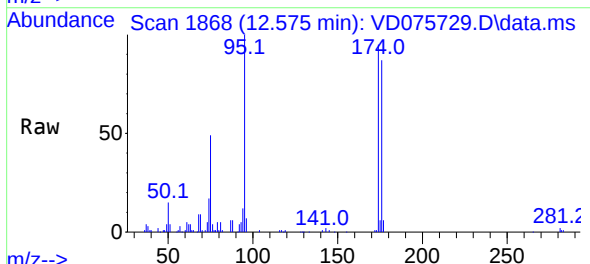
Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411

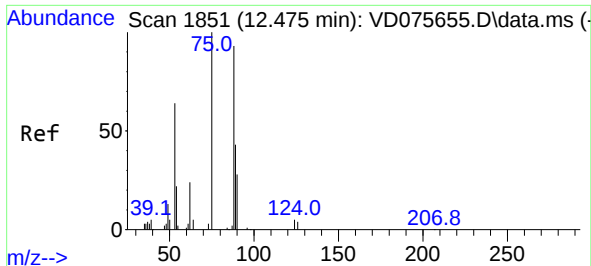
Tgt Ion:152 Resp: 81488
Ion Ratio Lower Upper
152 100
115 53.6 30.1 90.3
150 156.5 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 61.687 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

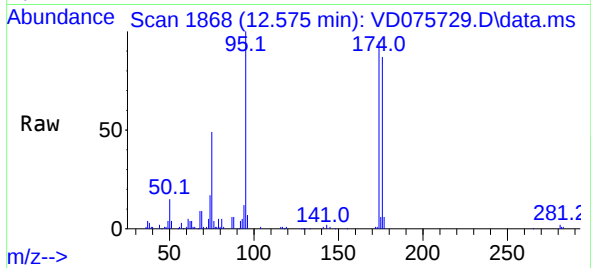
Tgt Ion: 75 Resp: 40993
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.702 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD075729.D
Acq: 18 Apr 2023 16:17

Instrument :
MSVOA_D
ClientSampleId :
SB-24-0-2-20230411



Tgt Ion: 75 Resp: 40993
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

