

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075224.D
 Acq On : 27 Jan 2023 14:32
 Operator : KP/SY
 Sample : 01293-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-3-012523

Quant Time: Jan 30 01:03:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

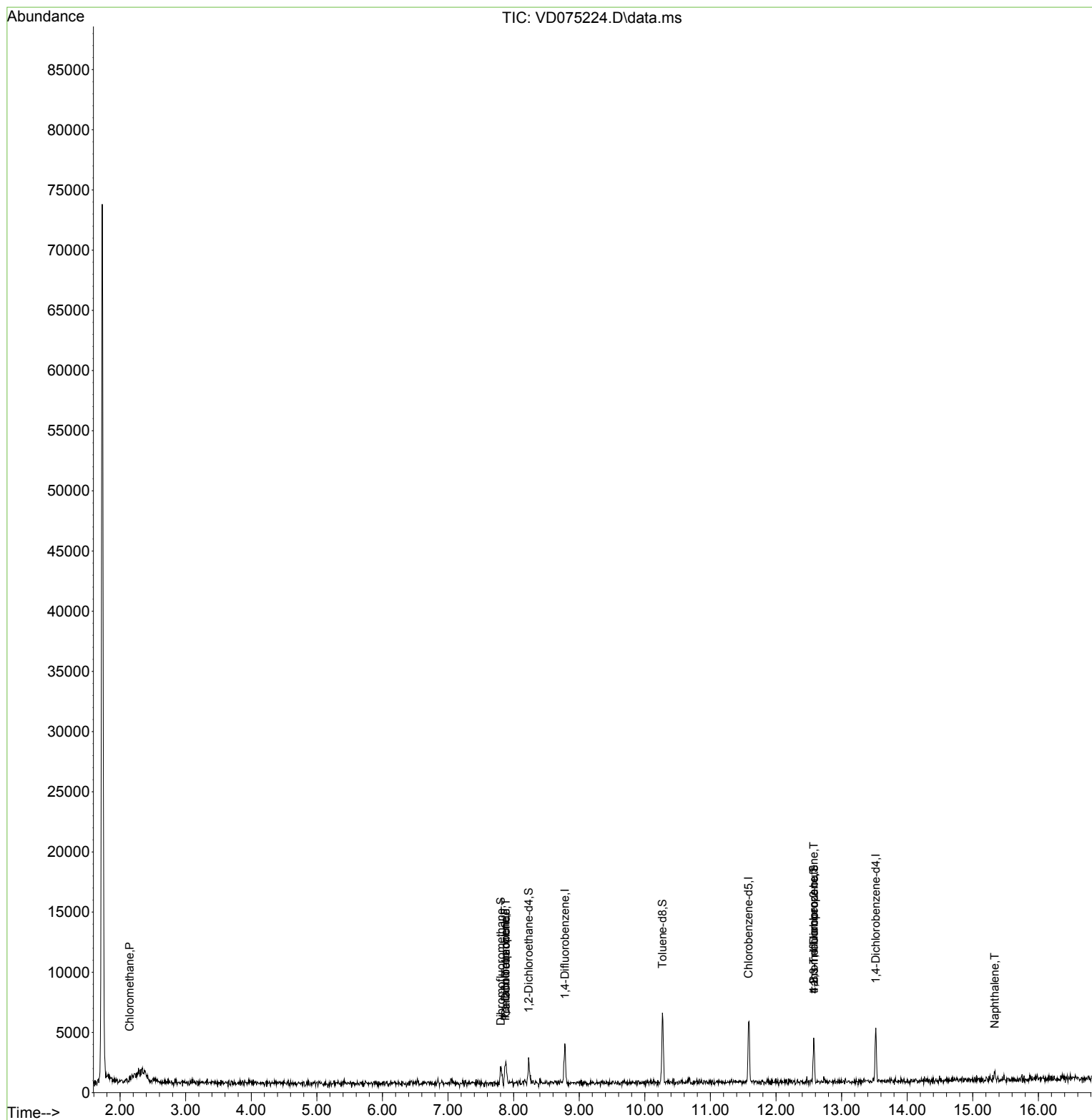
Internal Standards						
1) Pentafluorobenzene	7.875	168	1885	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	3688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1590	82.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.320%#	
35) Dibromofluoromethane	7.805	113	1082	48.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.100%	
50) Toluene-d8	10.269	98	4277	48.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.575	95	1385	49.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.460%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	58	2.382	ug/l	# 41
36) 1,1-Dichloropropene	7.875	75	59	1.648	ug/l	# 41
38) Carbon Tetrachloride	7.881	117	63	2.090	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	807	66.773	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	807	154.886	ug/l	# 14
95) Naphthalene	15.334	128	599	10.732	ug/l	# 69

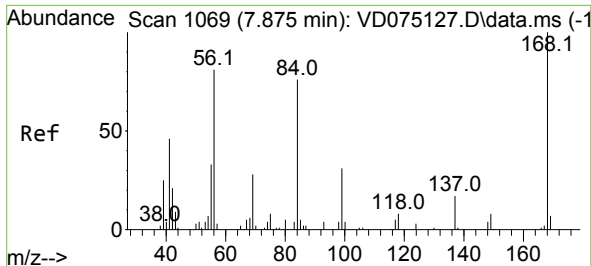
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PL-3-012523

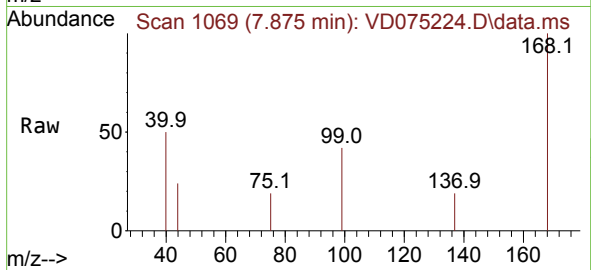
Quant Time: Jan 30 01:03:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



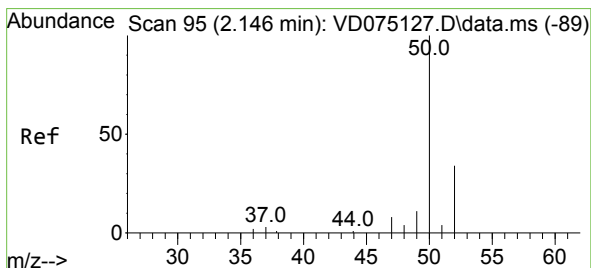
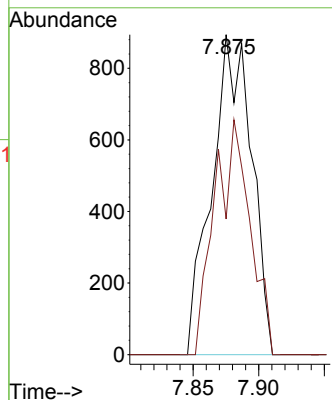


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

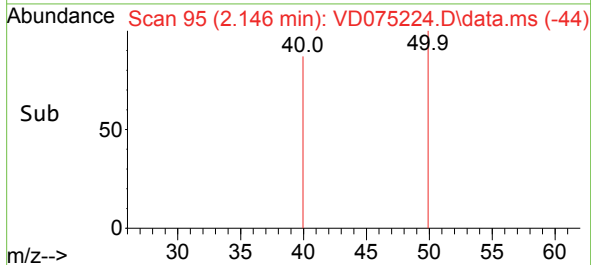
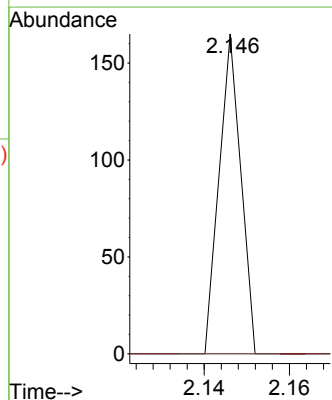
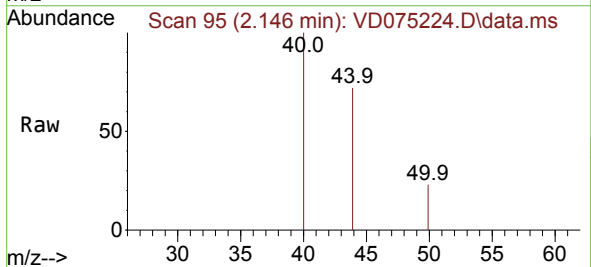


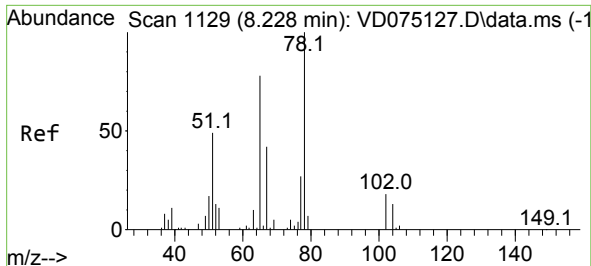
Tgt Ion:168 Resp: 1885
Ion Ratio Lower Upper
168 100
99 42.4 45.2 67.8#



#3
Chloromethane
Concen: 2.382 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#





#33

1,2-Dichloroethane-d4

Concen: 82.662 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075224.D

Acq: 27 Jan 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

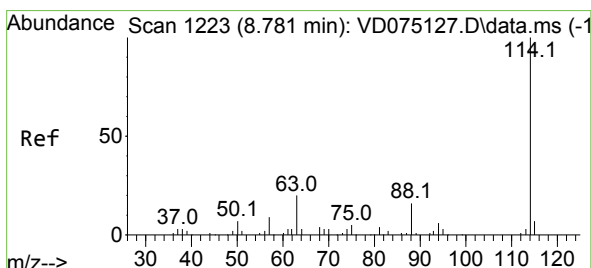
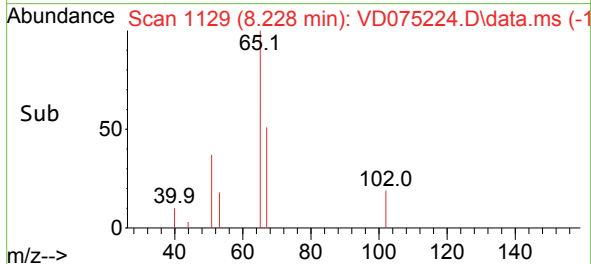
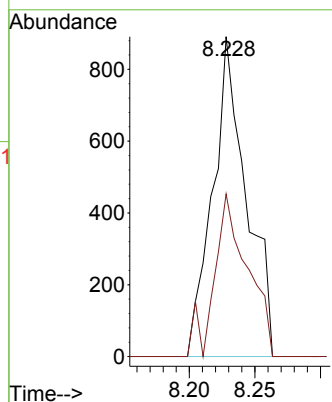
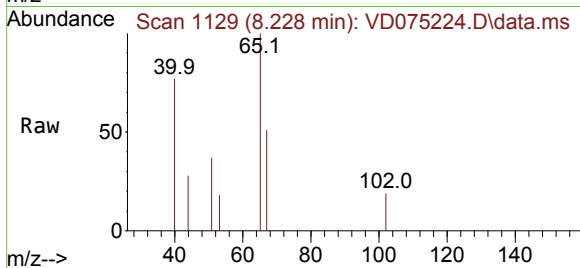
PL-3-012523

Tgt Ion: 65 Resp: 1590

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075224.D

Acq: 27 Jan 2023 14:32

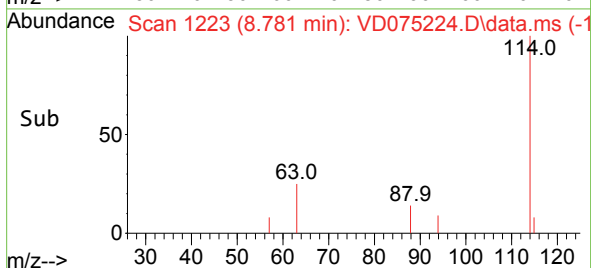
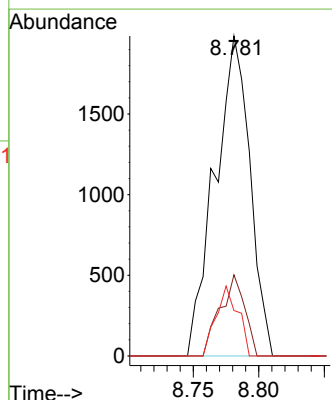
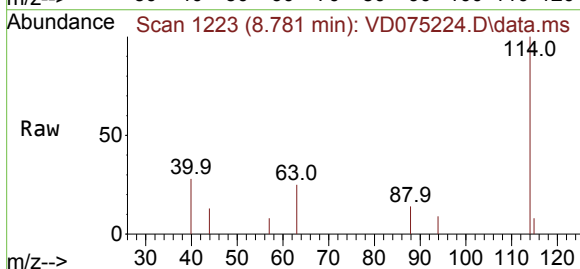
Tgt Ion: 114 Resp: 3688

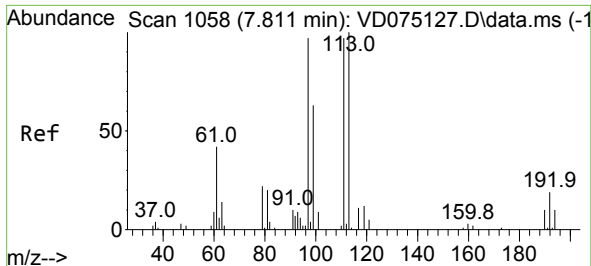
Ion Ratio Lower Upper

114 100

63 25.4 0.0 40.2

88 14.2 0.0 32.2

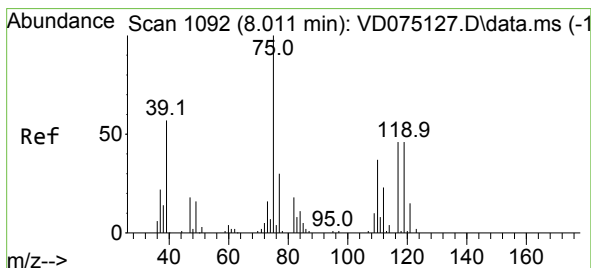
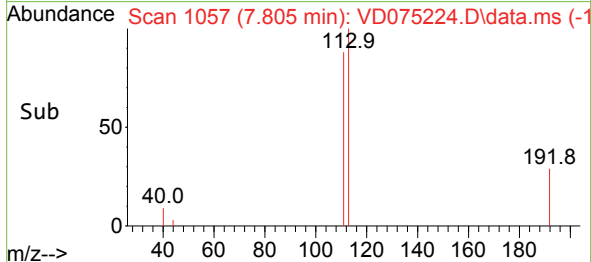
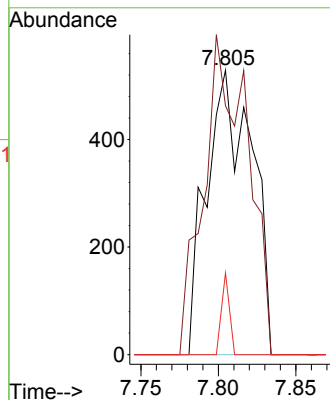
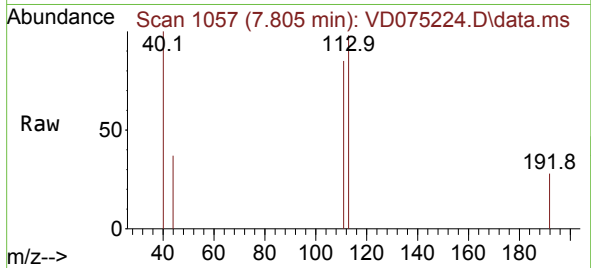




#35
Dibromofluoromethane
Concen: 48.552 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

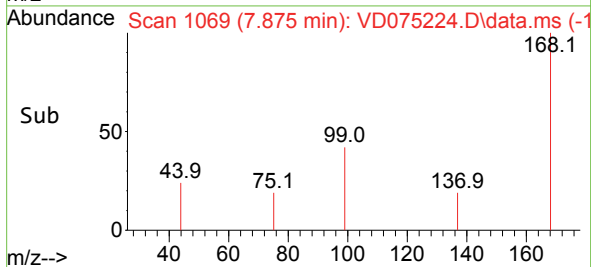
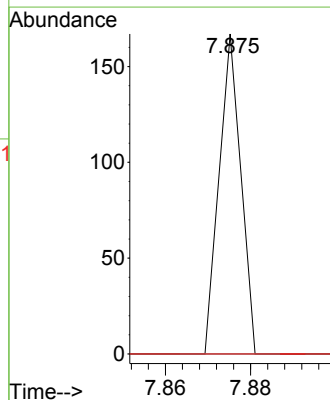
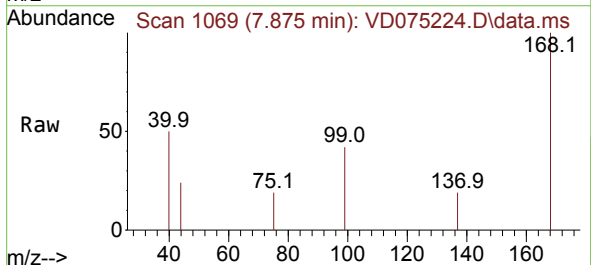
Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

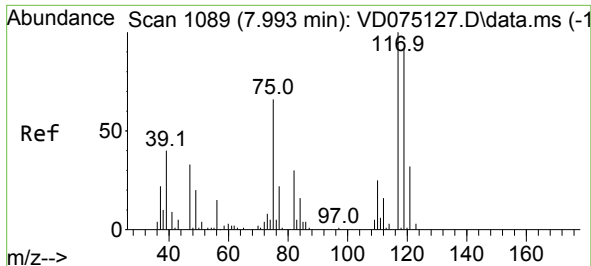
Tgt Ion:113 Resp: 1082
Ion Ratio Lower Upper
113 100
111 108.1 80.1 120.1
192 5.0 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 1.648 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

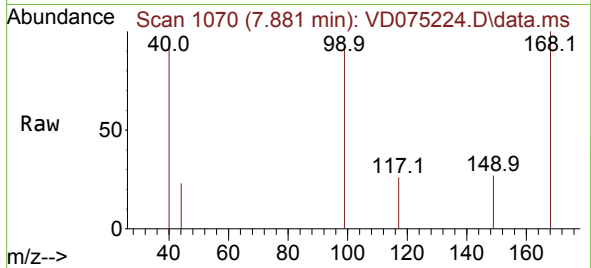
Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.1 37.7#



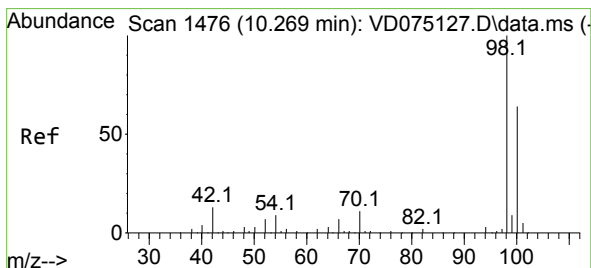
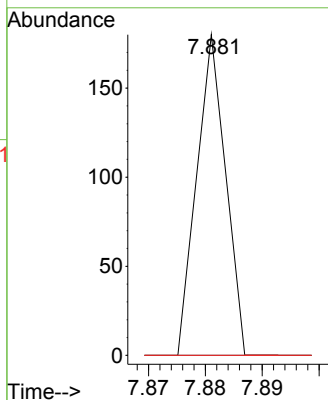
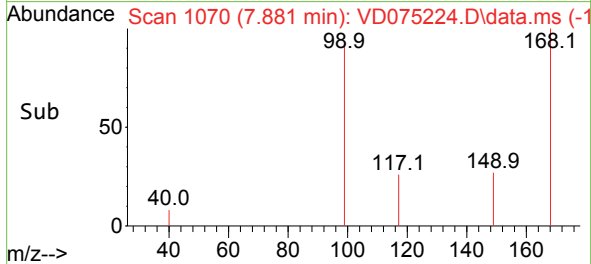


#38
Carbon Tetrachloride
Concen: 2.090 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

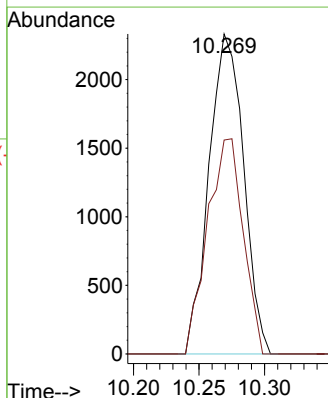
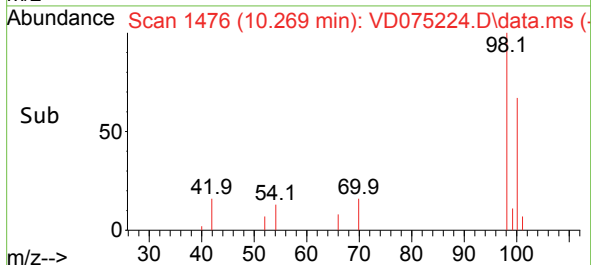
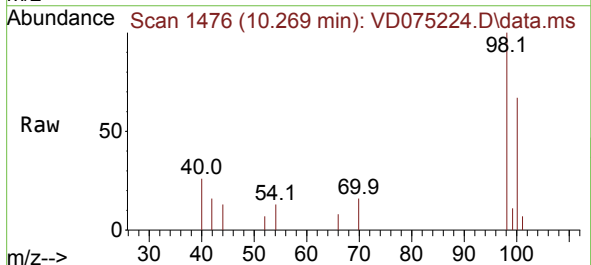


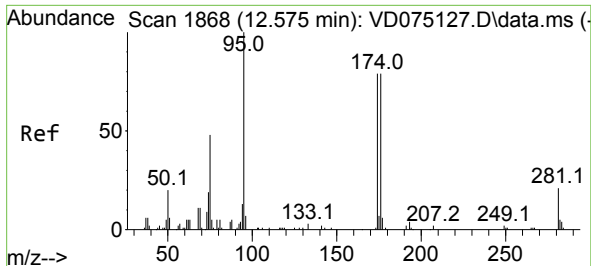
Tgt Ion:117 Resp: 63
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.743 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Tgt Ion: 98 Resp: 4277
Ion Ratio Lower Upper
98 100
100 69.2 52.7 79.1

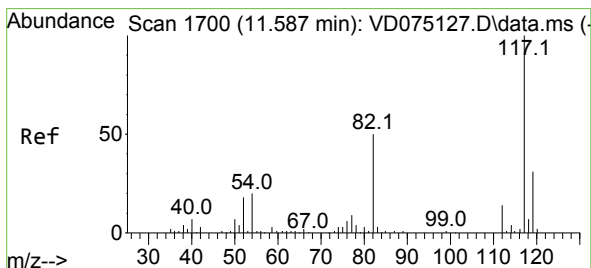
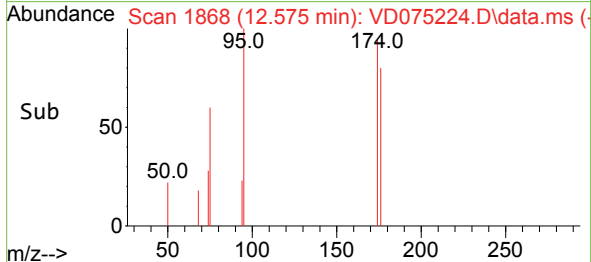
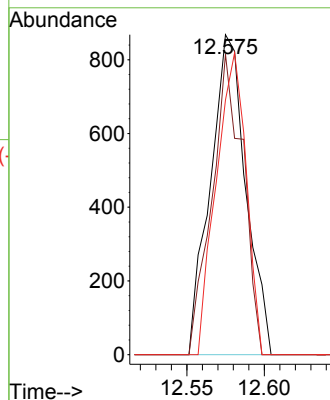
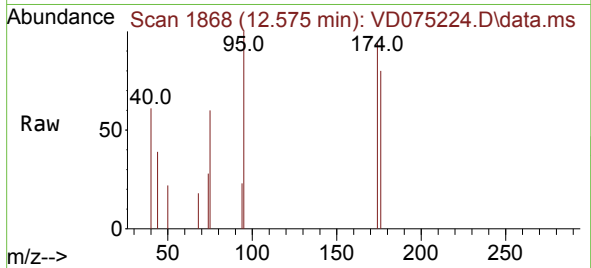




#62
4-Bromofluorobenzene
Concen: 49.734 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

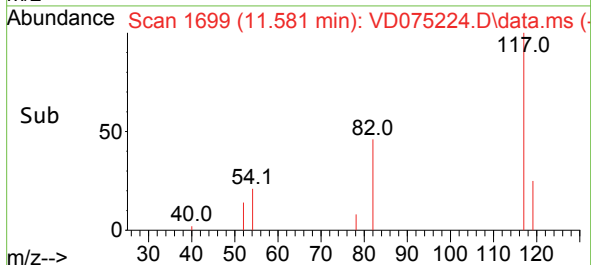
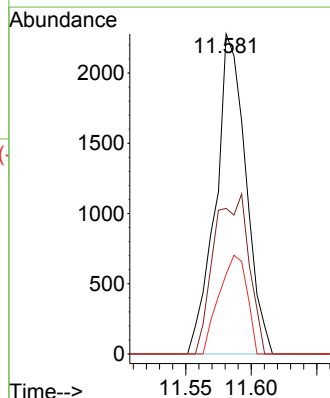
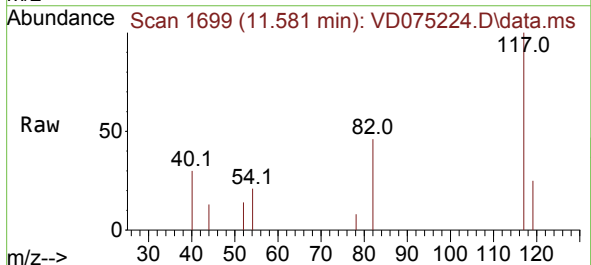
Instrument :
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ClientSampleId :
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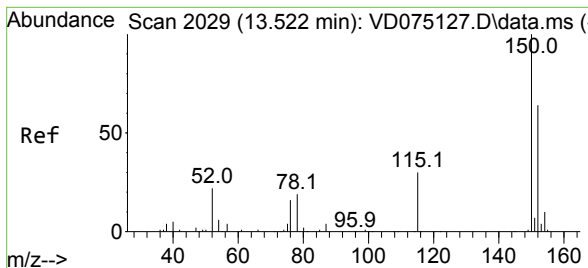
Tgt Ion:	95	Resp:	1385
Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	161.2
176	79.2	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Tgt Ion:	117	Resp:	3642
Ion	Ratio	Lower	Upper
117	100		
82	45.5	39.6	59.4
119	24.8	24.6	37.0

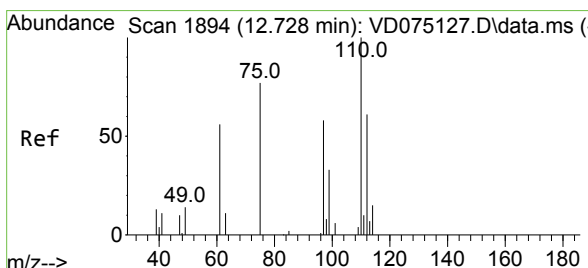
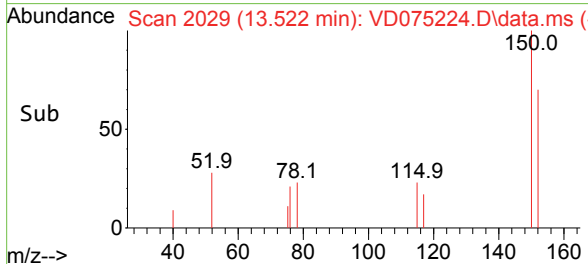
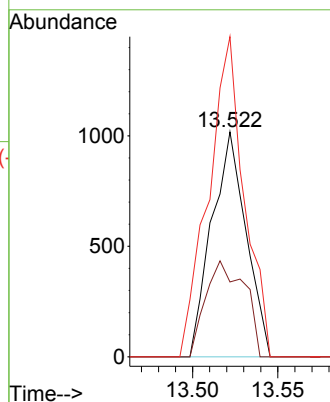
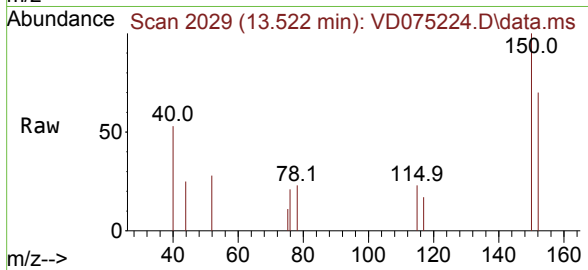




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075224.D
 Acq: 27 Jan 2023 14:32

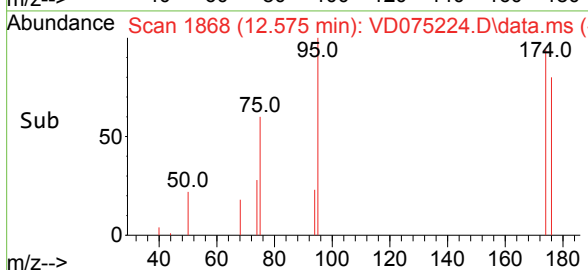
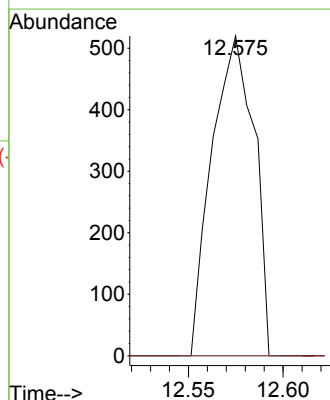
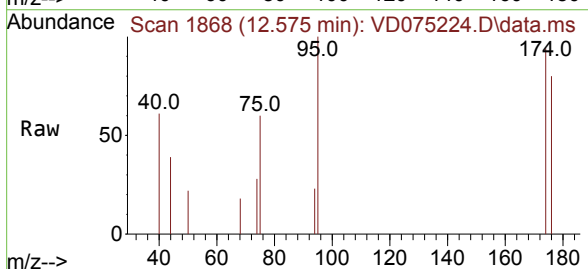
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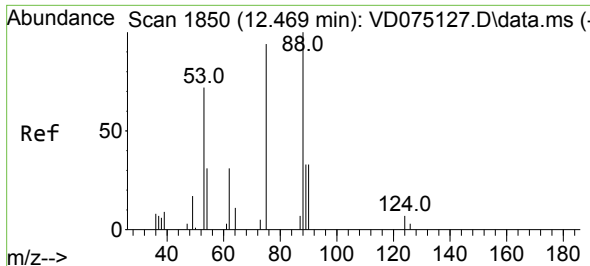
Tgt Ion:152 Resp: 1427
 Ion Ratio Lower Upper
 152 100
 115 48.2 28.8 86.4
 150 148.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 66.773 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075224.D
 Acq: 27 Jan 2023 14:32

Tgt Ion: 75 Resp: 807
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

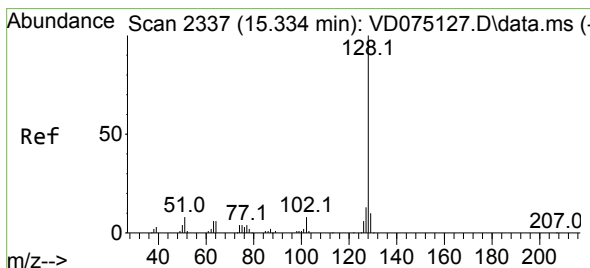
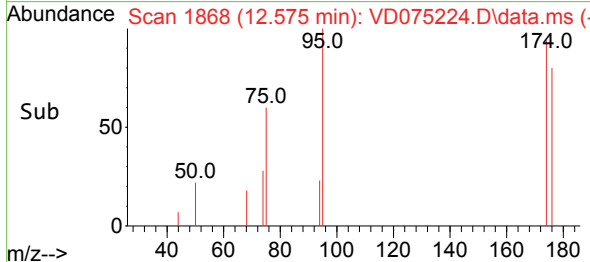
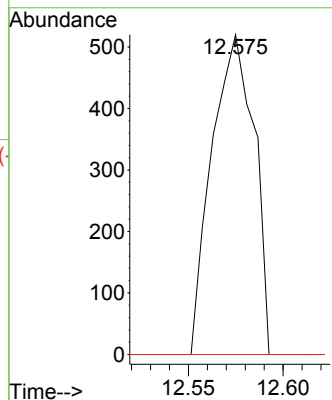
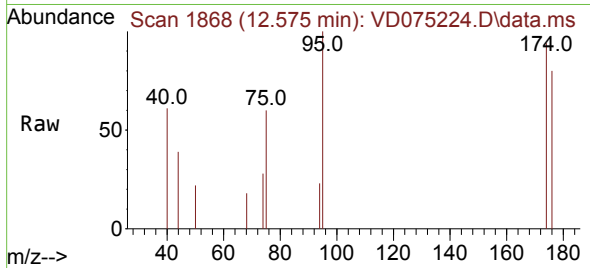




#81
trans-1,4-Dichloro-2-butene
Concen: 154.886 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

Tgt Ion: 75 Resp: 807
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 10.732 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075224.D
Acq: 27 Jan 2023 14:32

Tgt Ion: 128 Resp: 599
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

