

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079723.D
 Acq On : 13 Aug 2024 17:59
 Operator : RP/MD
 Sample : P3474-12
 Misc : 7.21G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	127696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	270914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79863	54.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.720%
35) Dibromofluoromethane	7.804	113	83257	49.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.269	98	325249	46.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.569	95	78129	39.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.940%

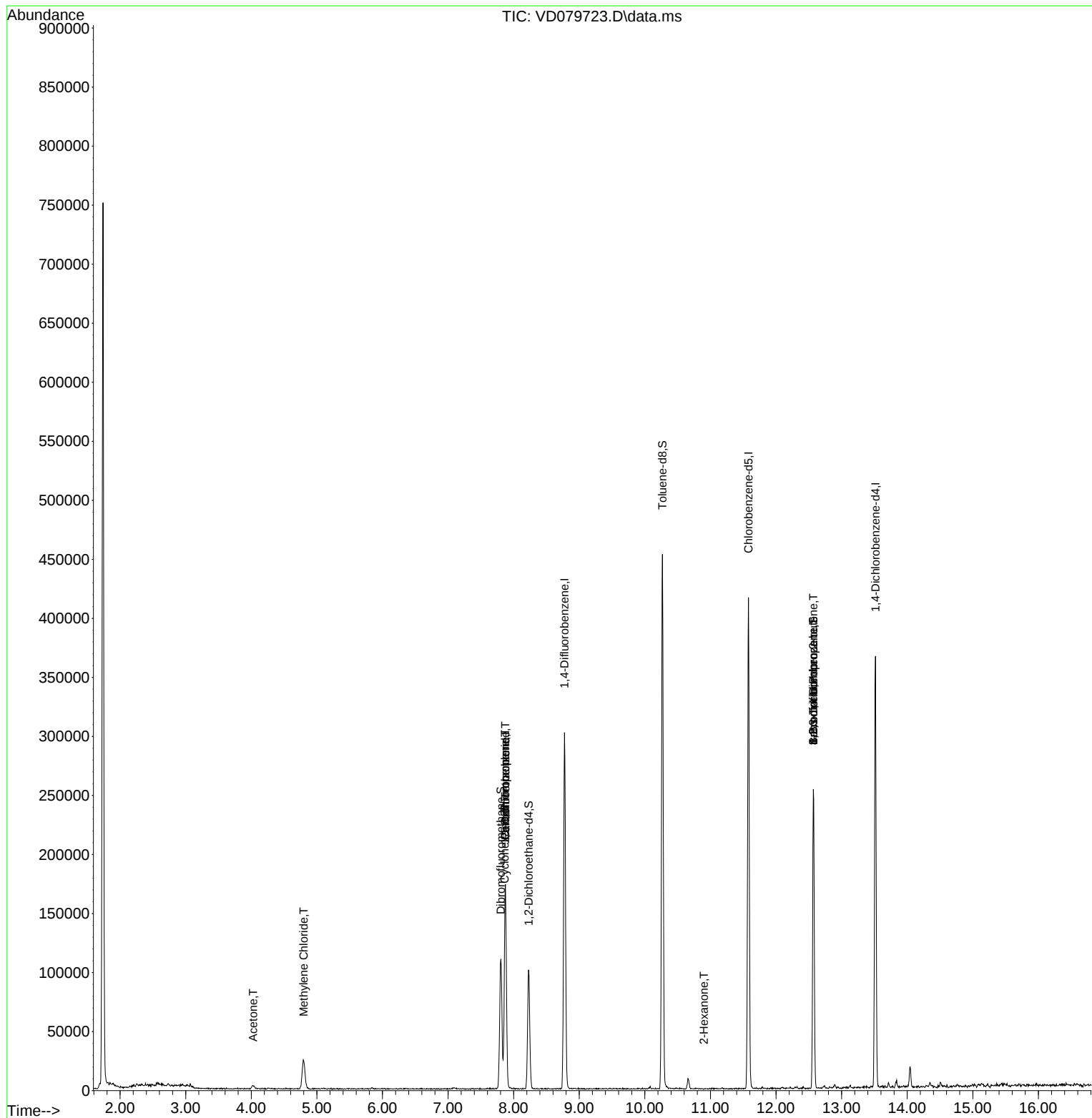
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	69	Below Cal	#	43
16) Acetone	4.028	43	5835	32.507	ug/l #	80
20) Methylene Chloride	4.799	84	19659	4.481	ug/l	90
31) Cyclohexane	7.863	56	2841	1.058	ug/l #	57
36) 1,1-Dichloropropene	7.869	75	11354	4.386	ug/l #	42
38) Carbon Tetrachloride	7.875	117	13394	5.097	ug/l #	18
59) 2-Hexanone	10.898	43	66	8.026	ug/l #	19
71) Bromoform	12.569	173	1044	1.199	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	40711	51.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40711	87.019	ug/l #	19

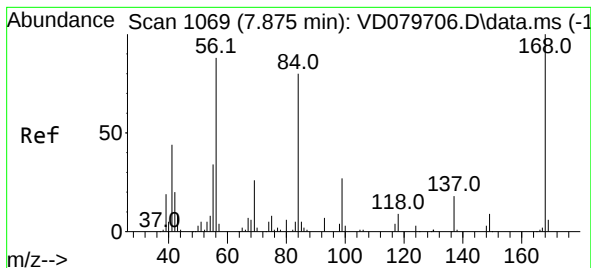
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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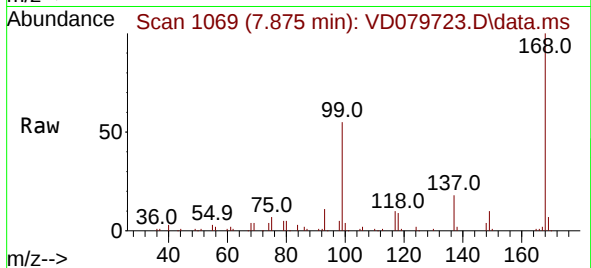
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration



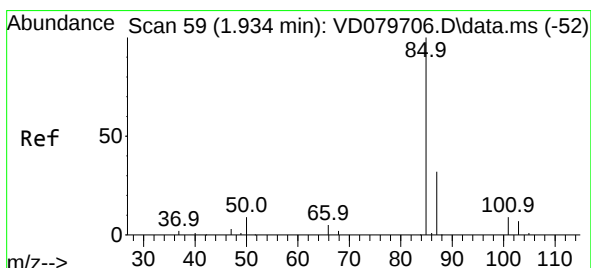
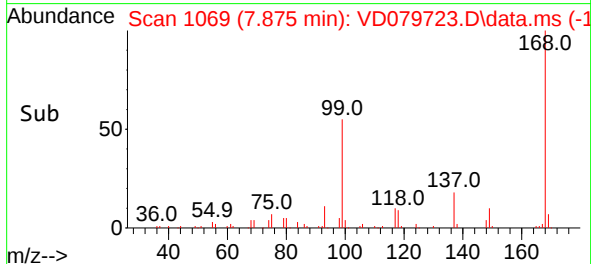
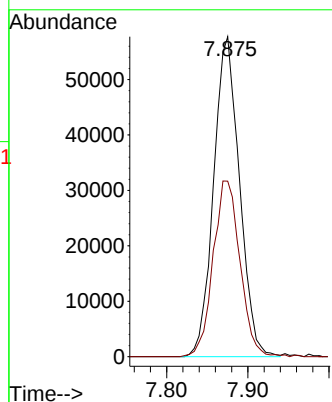


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Instrument :
MSVOA_D
ClientSampleId :

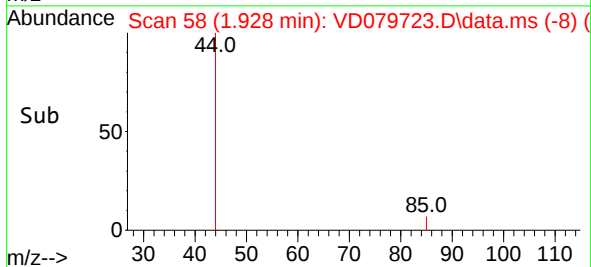
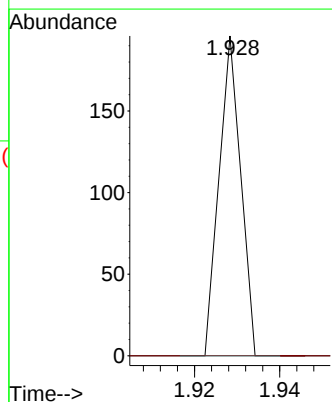
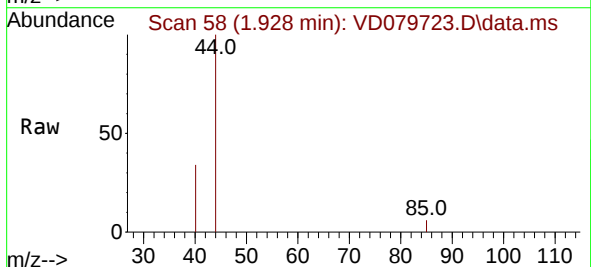


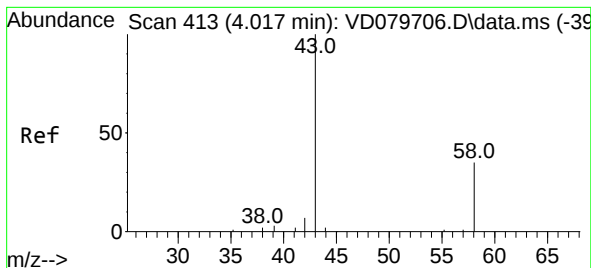
Tgt Ion:168 Resp: 127696
Ion Ratio Lower Upper
168 100
99 54.8 41.1 61.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#16

Acetone

Concen: 32.507 ug/l

RT: 4.028 min Scan# 413

Delta R.T. 0.011 min

Lab File: VD079723.D

Acq: 13 Aug 2024 17:59

Instrument :

MSVOA_D

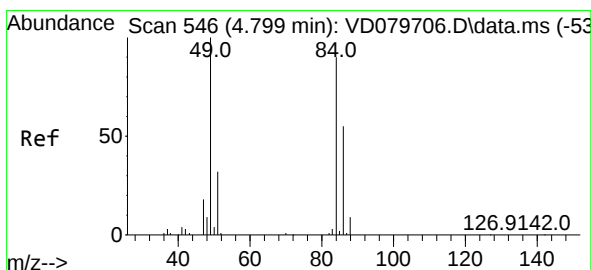
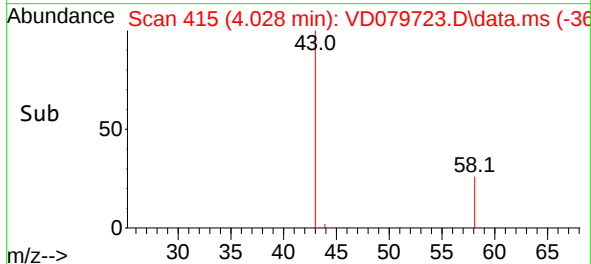
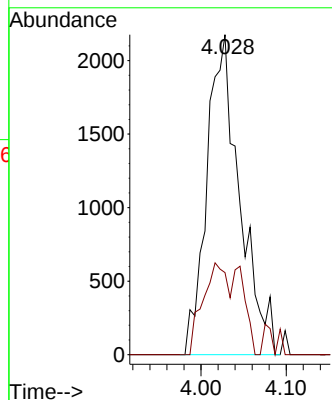
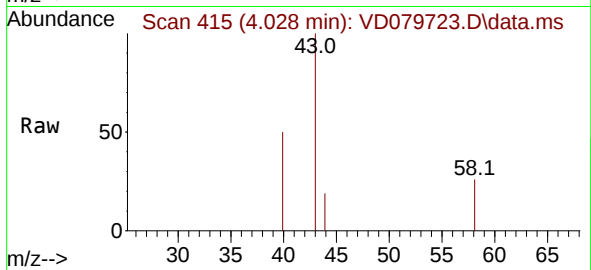
ClientSampleId :

Tgt Ion: 43 Resp: 5835

Ion Ratio Lower Upper

43 100

58 25.6 30.4 45.6#



#20

Methylene Chloride

Concen: 4.481 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079723.D

Acq: 13 Aug 2024 17:59

Tgt Ion: 84 Resp: 19659

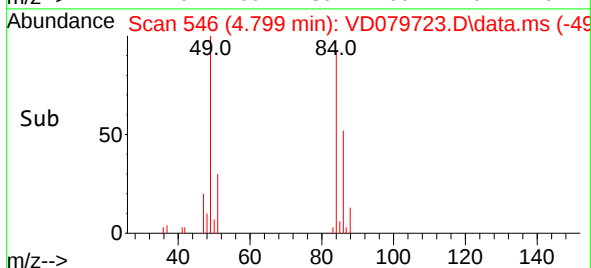
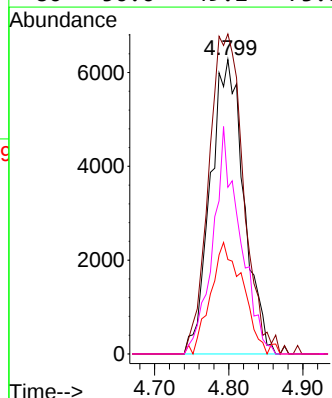
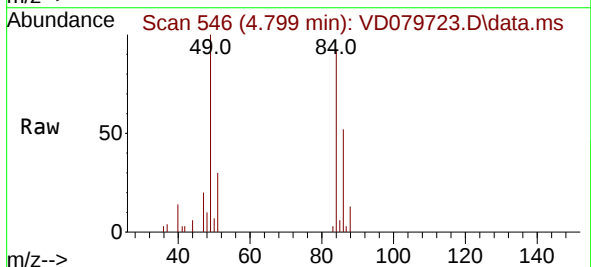
Ion Ratio Lower Upper

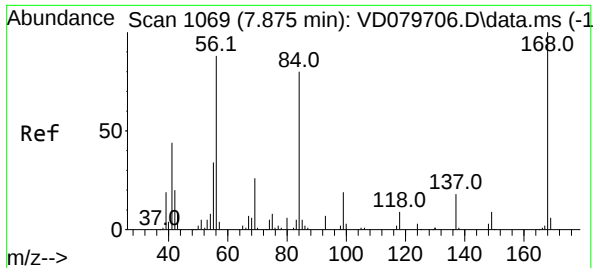
84 100

49 108.7 75.6 113.4

51 32.1 24.2 36.2

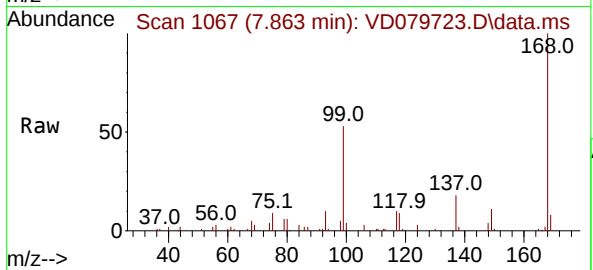
86 56.6 49.2 73.8



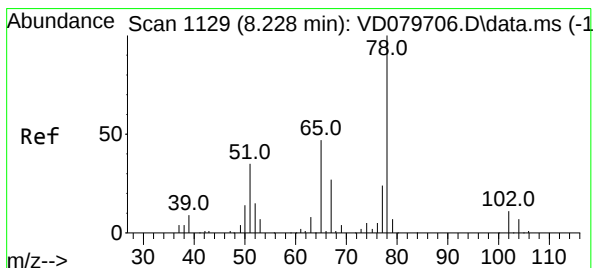
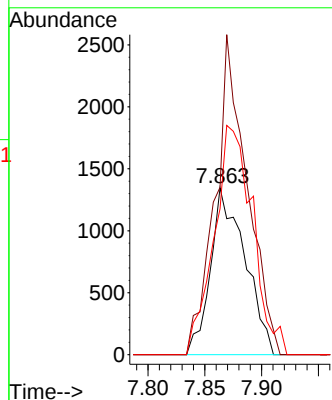
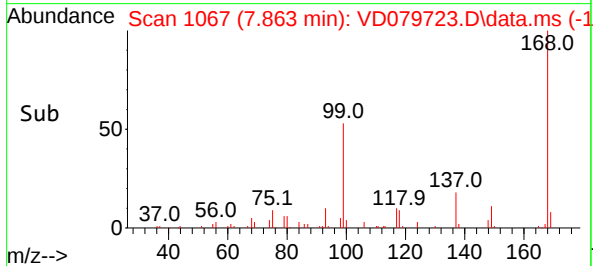


#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Instrument :
MSVOA_D
ClientSampleId :

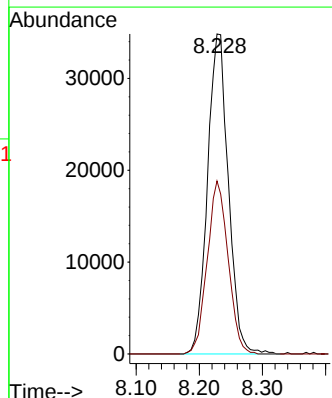
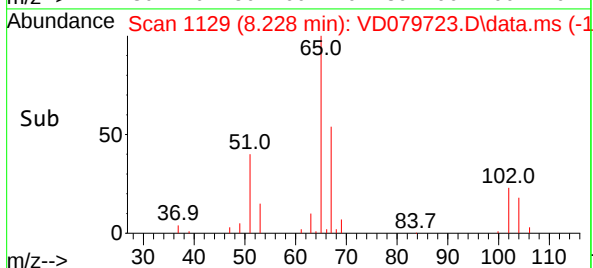
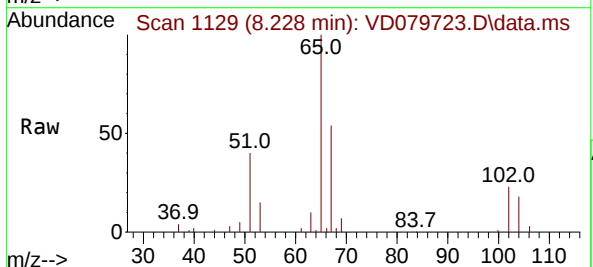


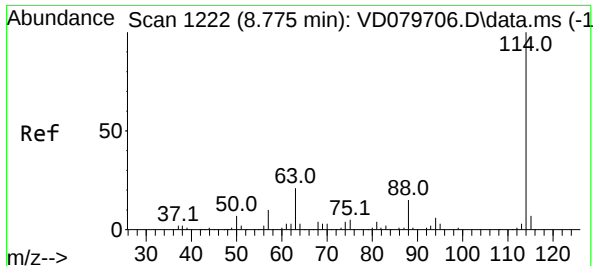
Tgt Ion: 56 Resp: 2841
Ion Ratio Lower Upper
56 100
69 100.3 28.0 42.0#
84 87.5 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 54.361 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Tgt Ion: 65 Resp: 79863
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079723.D

Acq: 13 Aug 2024 17:59

Instrument :

MSVOA_D

ClientSampleId :

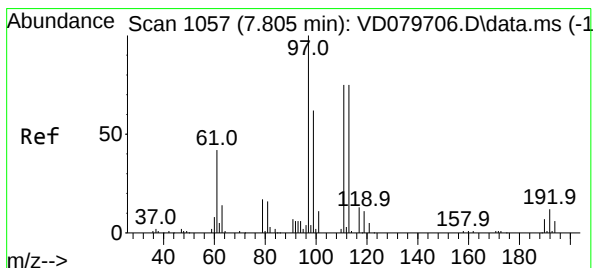
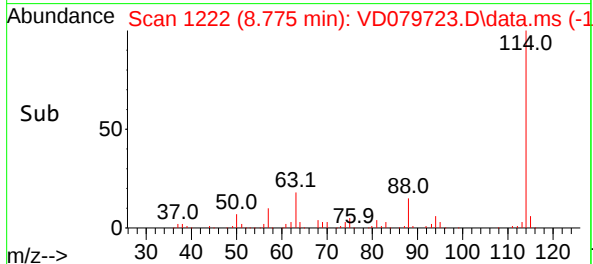
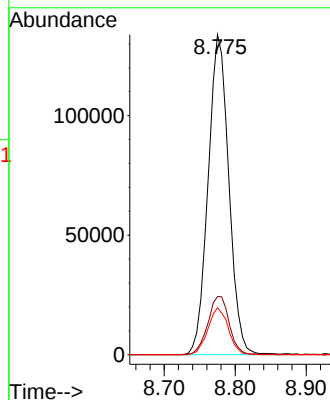
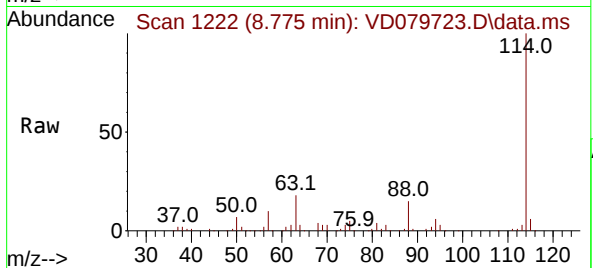
Tgt Ion:114 Resp: 270914

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.850 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079723.D

Acq: 13 Aug 2024 17:59

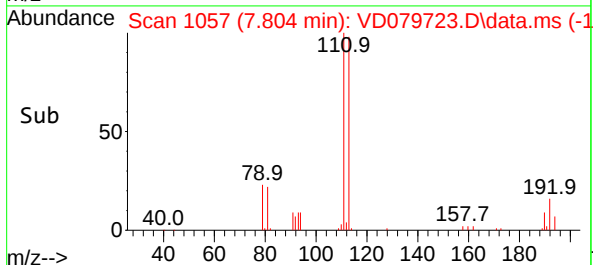
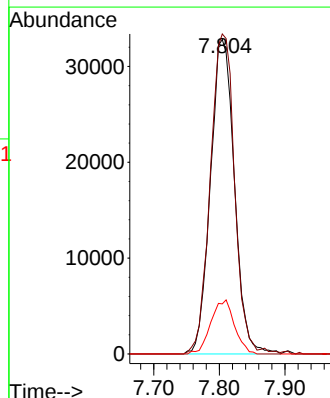
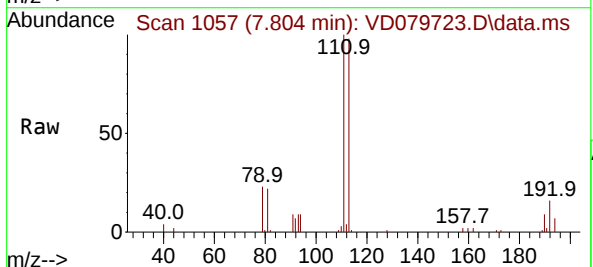
Tgt Ion:113 Resp: 83257

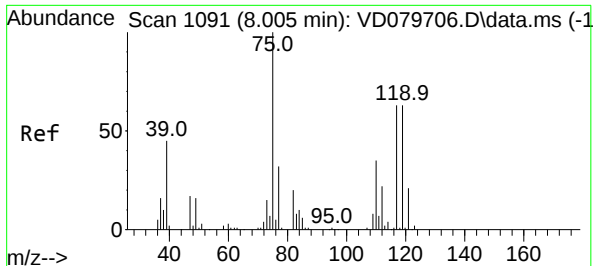
Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 17.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

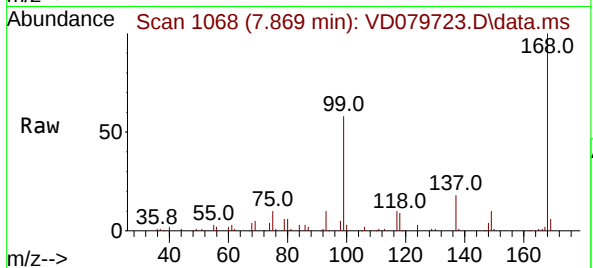
Lab File: VD079723.D

Acq: 13 Aug 2024 17:59

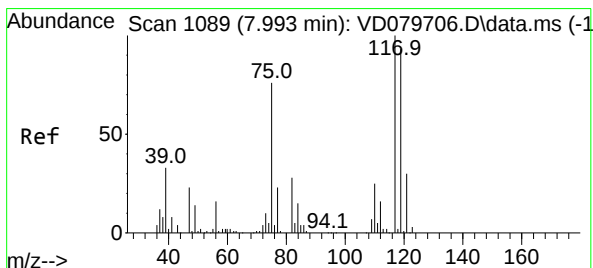
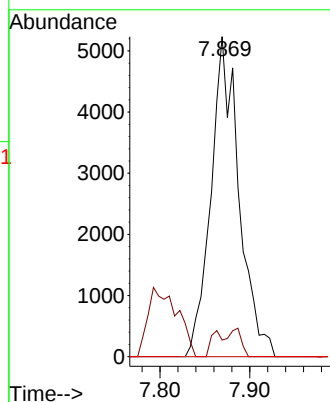
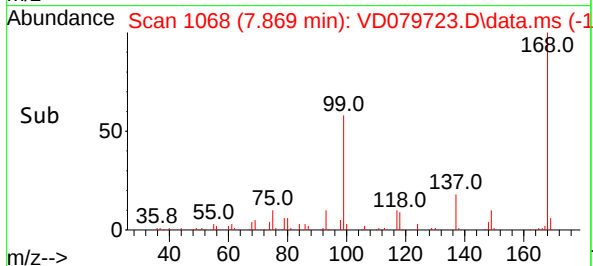
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 11354
Ion Ratio	Lower Upper
75	100
110	3.2 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.097 ug/l

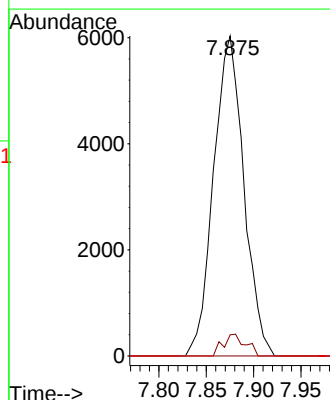
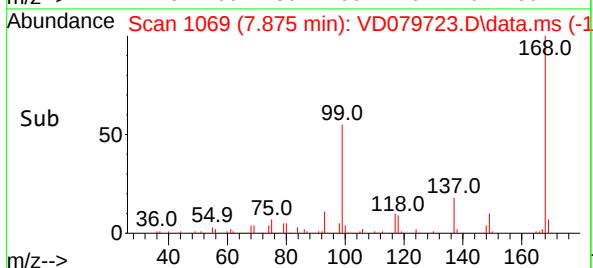
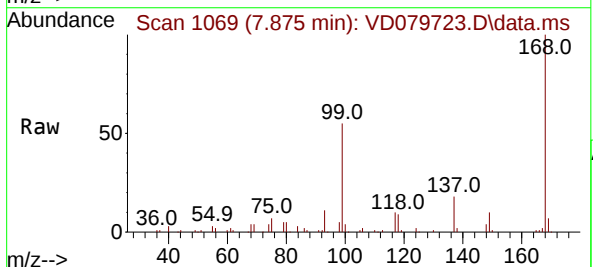
RT: 7.875 min Scan# 1069

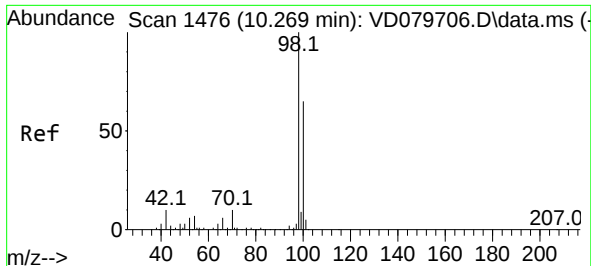
Delta R.T. -0.118 min

Lab File: VD079723.D

Acq: 13 Aug 2024 17:59

Tgt Ion: 117	Resp: 13394
Ion Ratio	Lower Upper
117	100
119	6.6 75.4 113.0#
121	0.0 25.0 37.4#

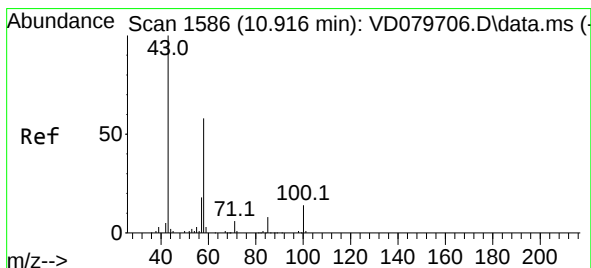
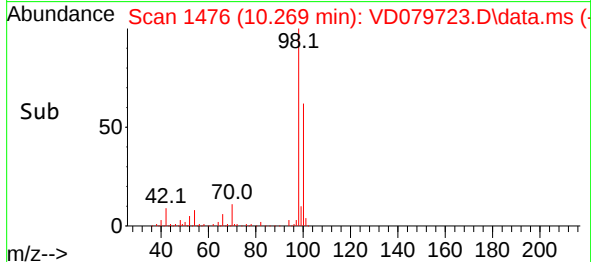
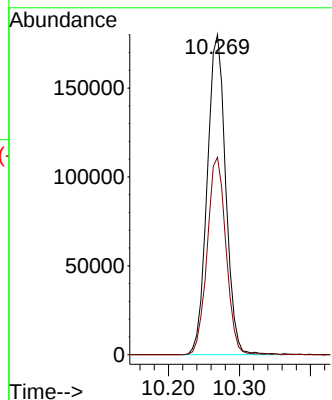
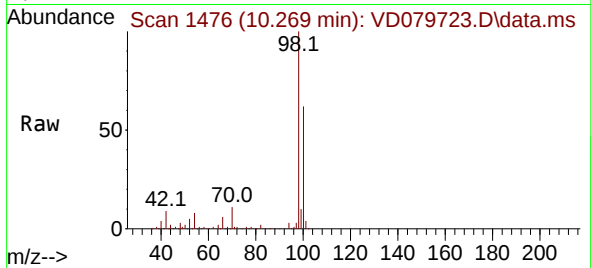




#50
Toluene-d8
Concen: 46.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

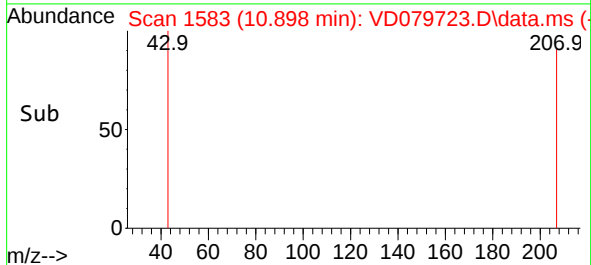
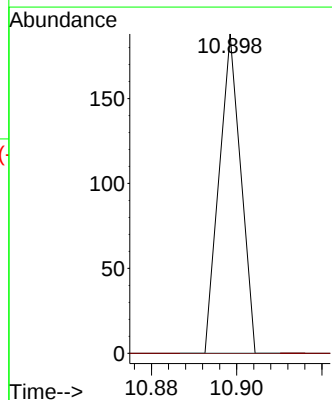
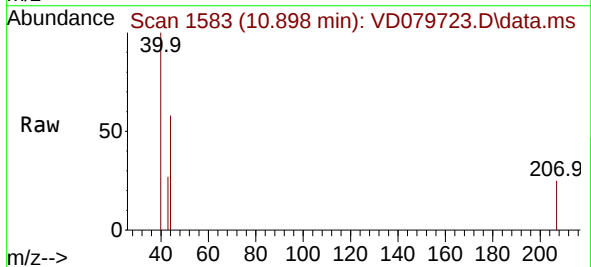
Instrument :
MSVOA_D
ClientSampleId :

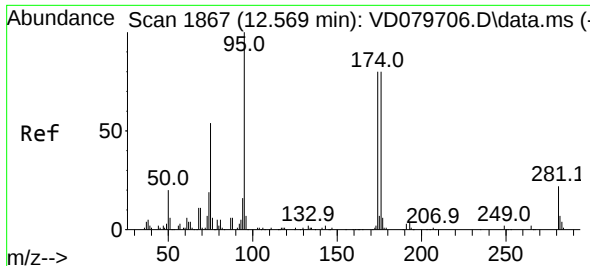
Tgt Ion: 98 Resp: 325249
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



#59
2-Hexanone
Concen: 8.026 ug/l
RT: 10.898 min Scan# 1583
Delta R.T. -0.018 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

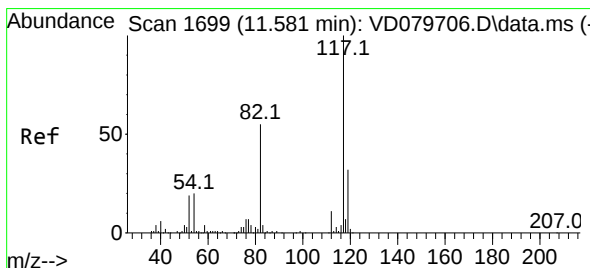
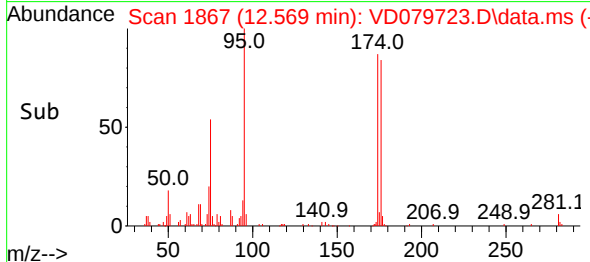
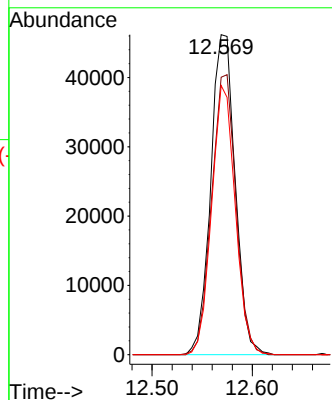
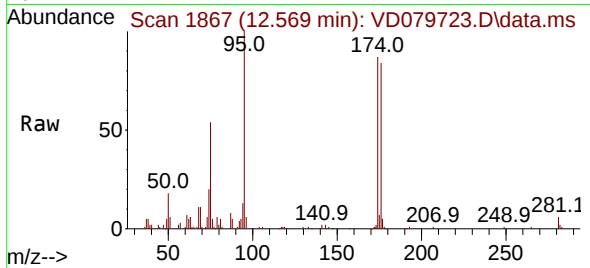




#62
4-Bromofluorobenzene
Concen: 39.974 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

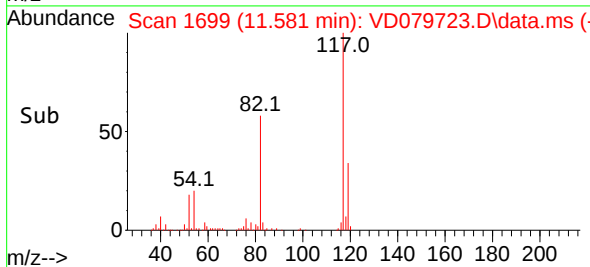
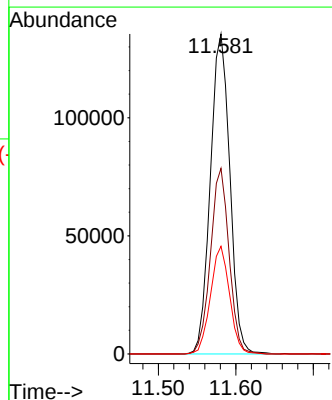
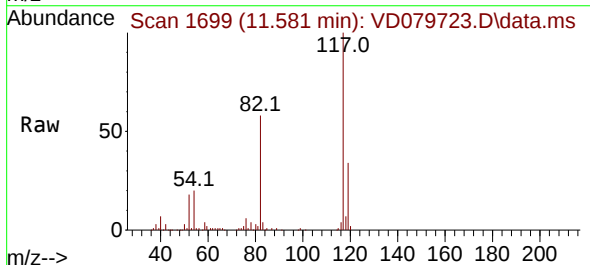
Instrument :
MSVOA_D
ClientSampleId :

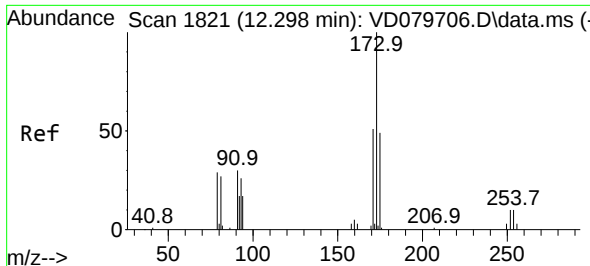
Tgt Ion:	95	Resp:	78129
Ion Ratio	Lower	Upper	
95	100		
174	87.4	0.0	195.4
176	81.3	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Tgt Ion:	117	Resp:	236592
Ion Ratio	Lower	Upper	
117	100		
82	58.0	39.8	59.6
119	33.7	25.7	38.5

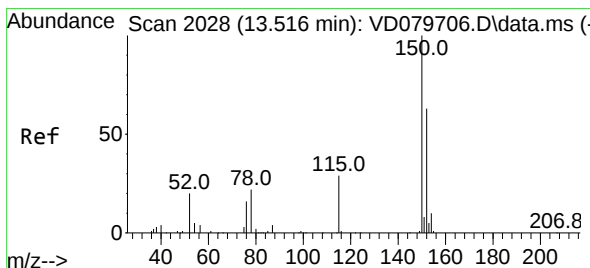
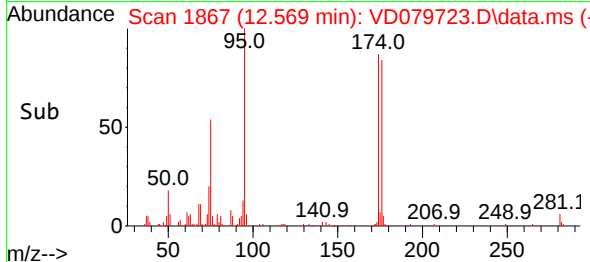
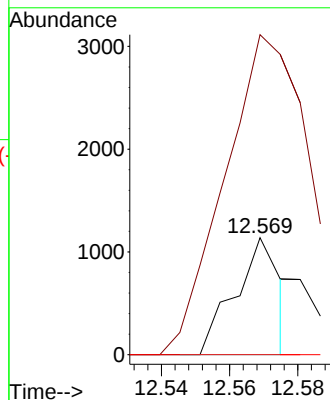
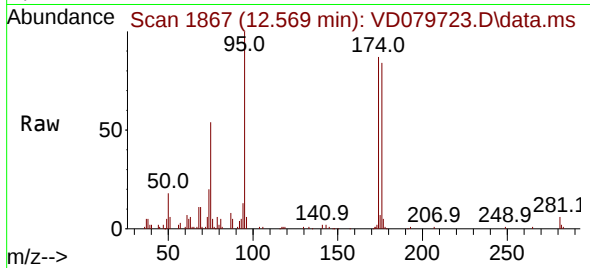




#71
Bromoform
Concen: 1.199 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

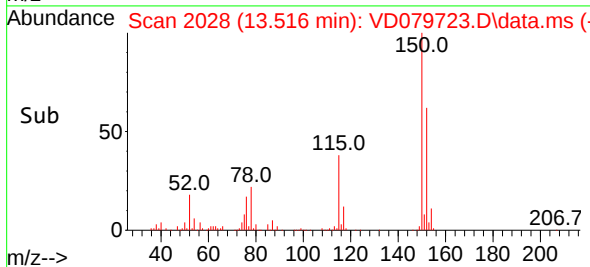
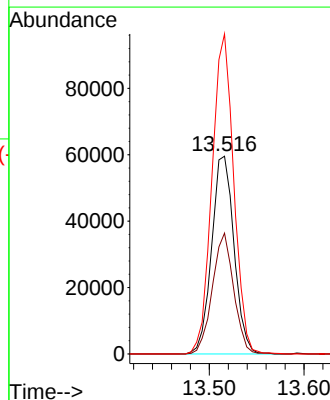
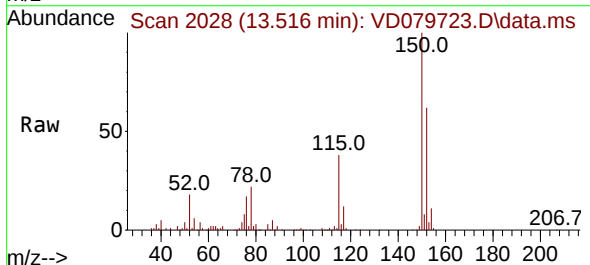
Instrument :
MSVOA_D
ClientSampleId :

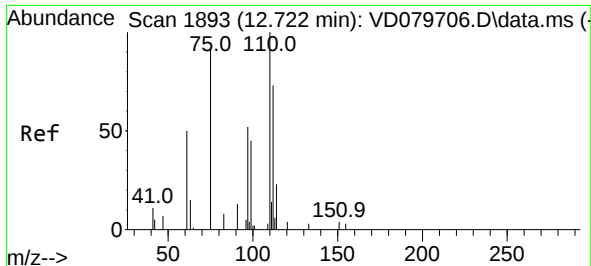
Tgt Ion:173 Resp: 1044
Ion Ratio Lower Upper
173 100
175 370.2 23.7 71.1#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Tgt Ion:152 Resp: 97797
Ion Ratio Lower Upper
152 100
115 58.2 26.5 79.5
150 157.1 0.0 341.6

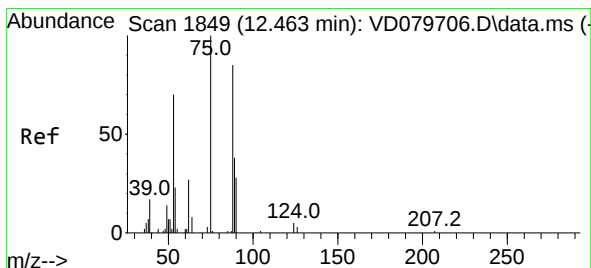
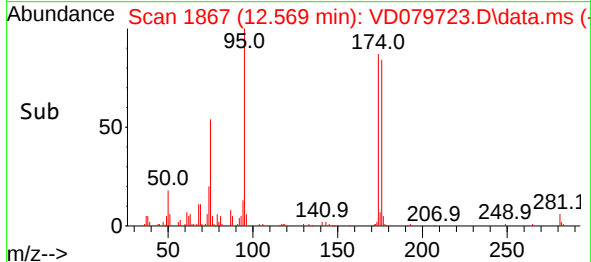
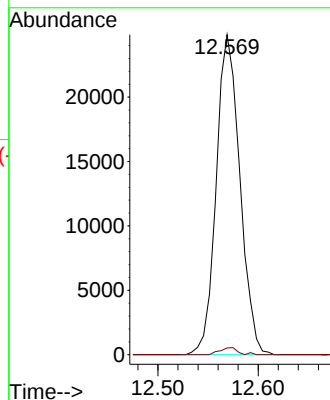
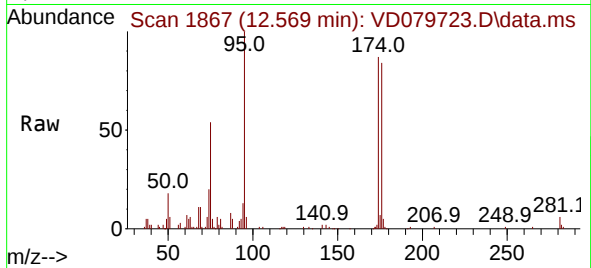




#76
1,2,3-Trichloropropane
Concen: 51.064 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 40711
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.019 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079723.D
Acq: 13 Aug 2024 17:59

Tgt Ion: 75 Resp: 40711
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

