

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079724.D
 Acq On : 13 Aug 2024 18:27
 Operator : RP/MD
 Sample : P3526-03
 Misc : 6.75G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:54:16 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)

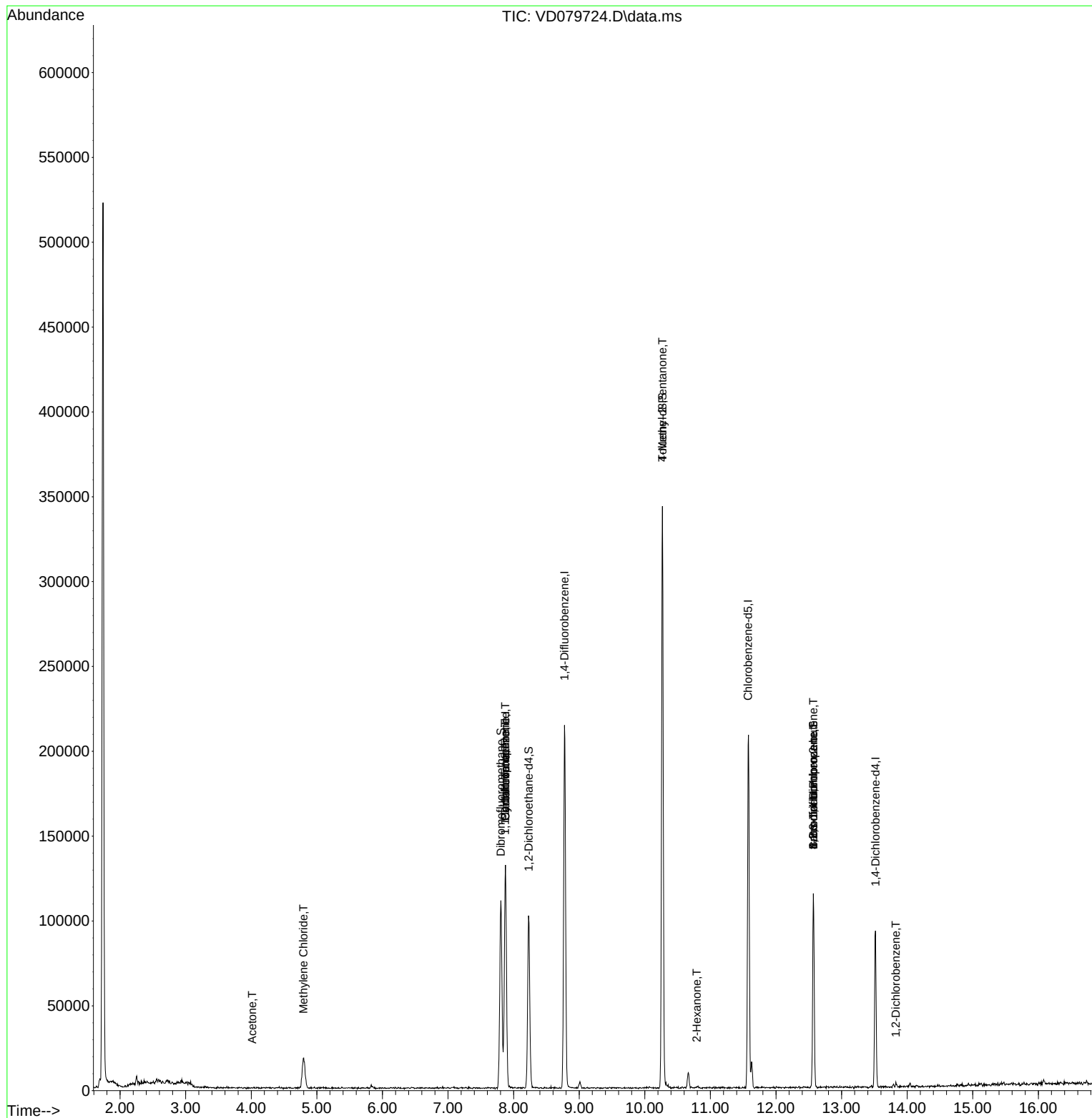
Internal Standards						
1) Pentafluorobenzene	7.875	168	98008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	194940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	126753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	24967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78196	69.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.700%	
35) Dibromofluoromethane	7.805	113	80474	66.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.920%	
50) Toluene-d8	10.269	98	245604	48.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.569	95	34630	24.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 49.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	53	16.199	ug/l #	37
20) Methylene Chloride	4.793	84	14195	3.836	ug/l	94
31) Cyclohexane	7.875	56	2347	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	8238	4.422	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10339	5.468	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	925	1.223	ug/l #	1
59) 2-Hexanone	10.793	43	143	8.207	ug/l #	19
71) Bromoform	12.569	173	506	1.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	17888	87.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	17888	149.769	ug/l #	19
91) 1,2-Dichlorobenzene	13.828	146	1224	1.703	ug/l	88

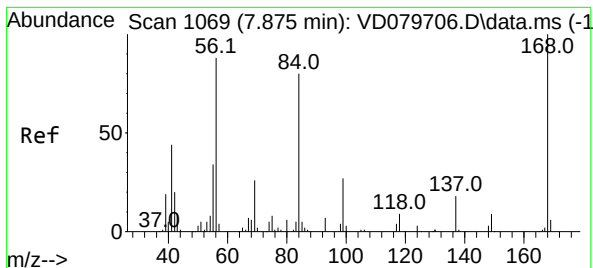
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 05:54:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

Instrument :

MSVOA_D

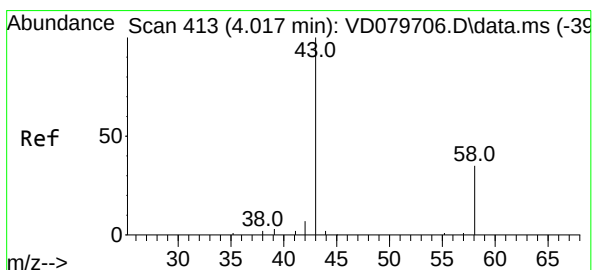
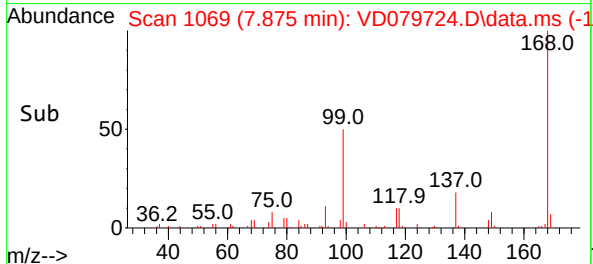
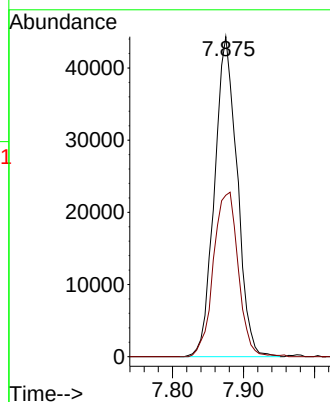
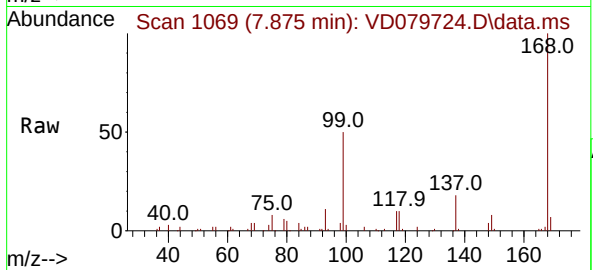
ClientSampleId :

Tgt Ion:168 Resp: 98008

Ion Ratio Lower Upper

168 100

99 50.5 41.1 61.7



#16

Acetone

Concen: 16.199 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.001 min

Lab File: VD079724.D

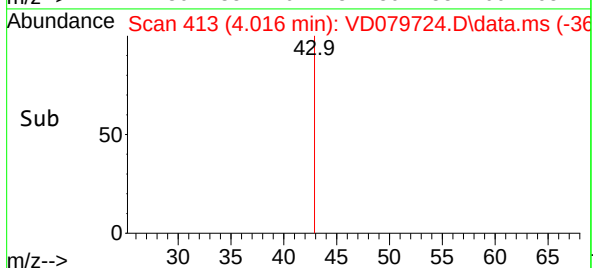
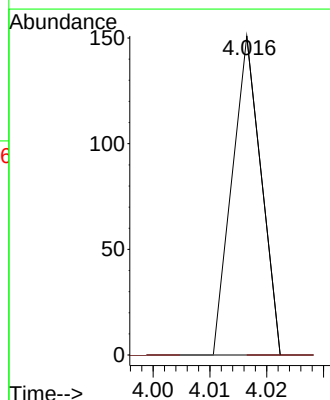
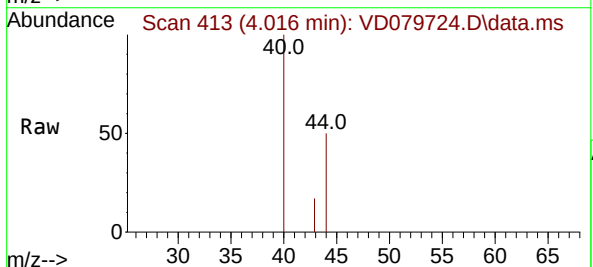
Acq: 13 Aug 2024 18:27

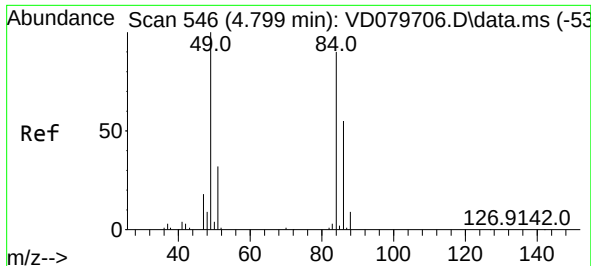
Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

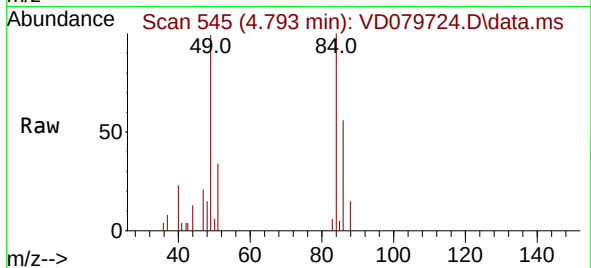
58 0.0 30.4 45.6#



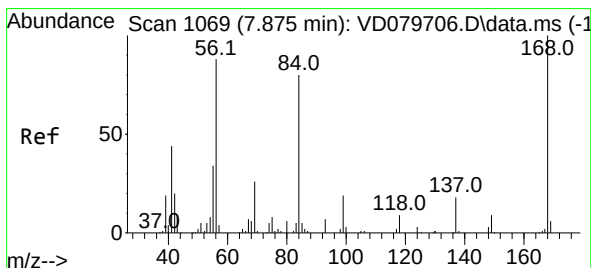
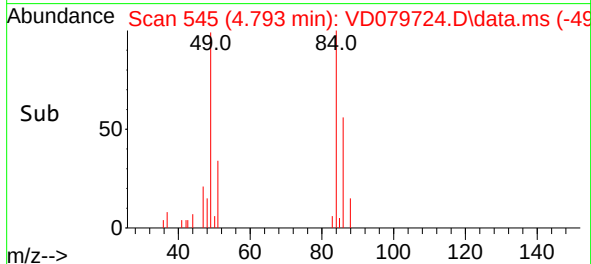
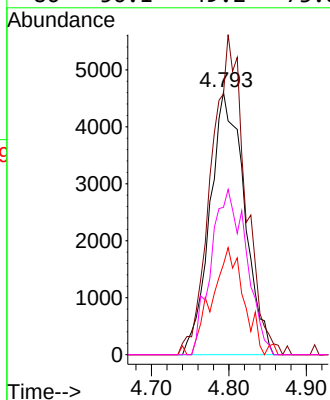


#20
Methylene Chloride
Concen: 3.836 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Instrument :
MSVOA_D
ClientSampleId :

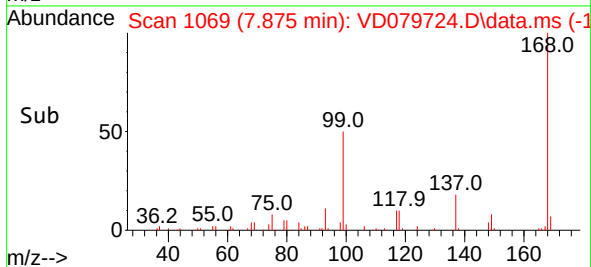
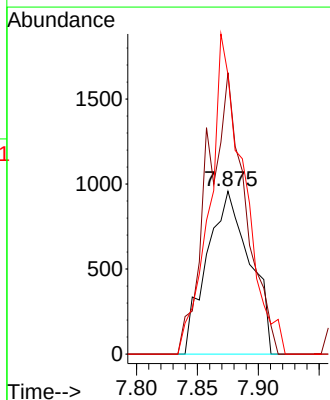
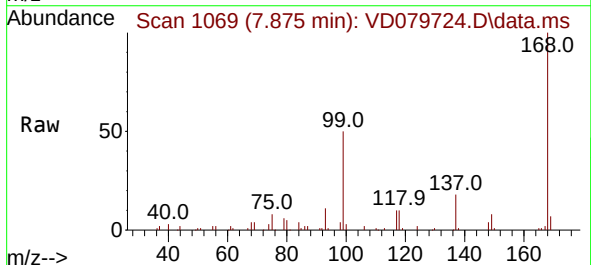


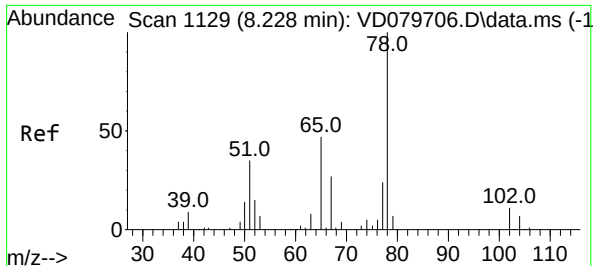
Tgt Ion:	84	Resp:	14195
Ion	Ratio	Lower	Upper
84	100		
49	99.2	75.6	113.4
51	34.4	24.2	36.2
86	56.1	49.2	73.8



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Tgt Ion:	56	Resp:	2347
Ion	Ratio	Lower	Upper
56	100		
69	172.8	28.0	42.0#
84	171.6	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 69.350 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

Instrument :

MSVOA_D

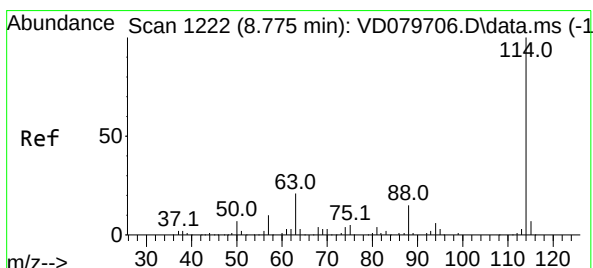
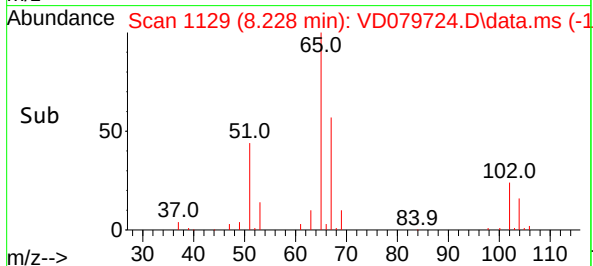
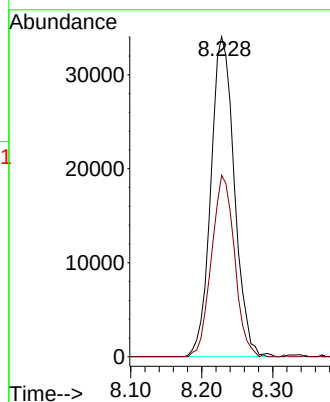
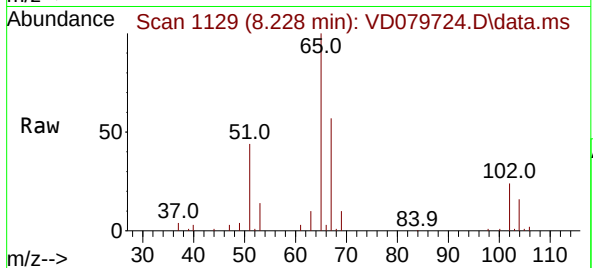
ClientSampleId :

Tgt Ion: 65 Resp: 78196

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

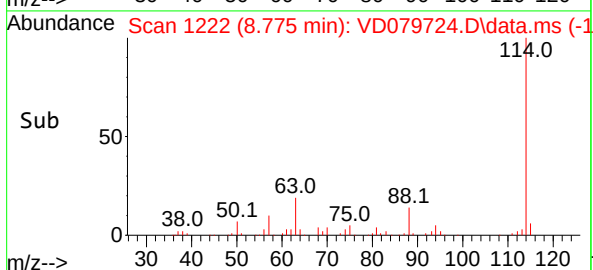
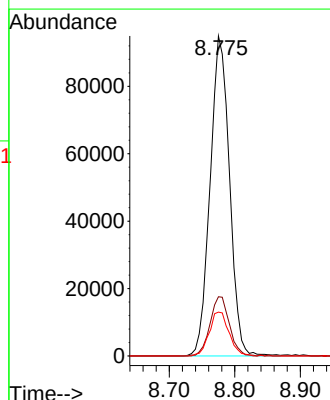
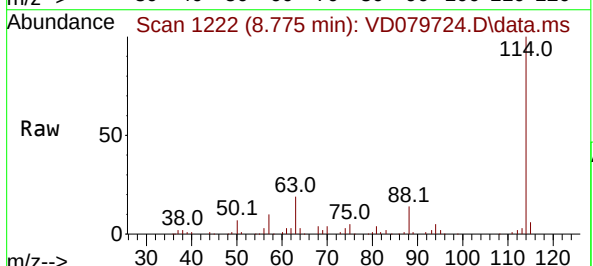
Tgt Ion:114 Resp: 194940

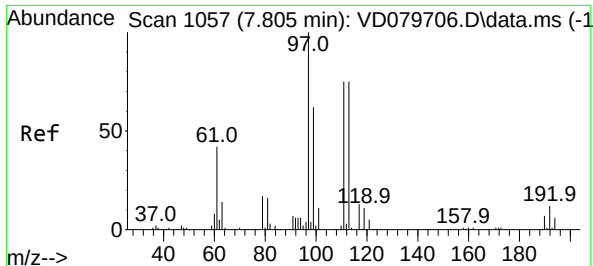
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 13.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 66.963 ug/l

RT: 7.805 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

Instrument :

MSVOA_D

ClientSampleId :

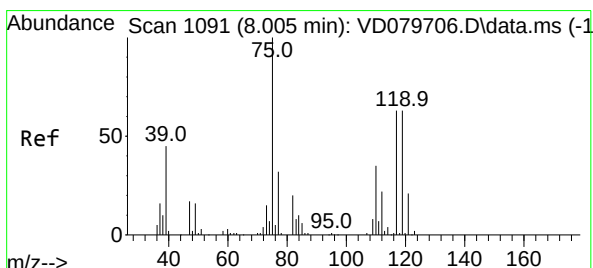
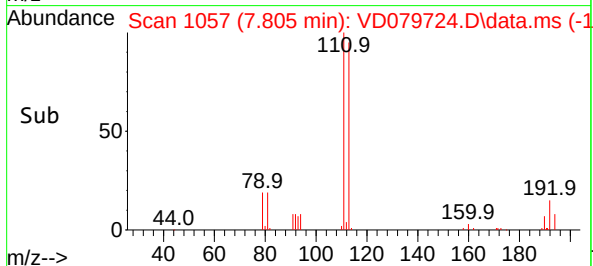
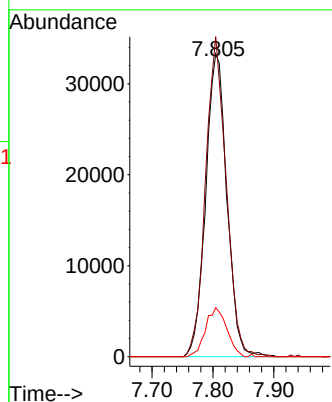
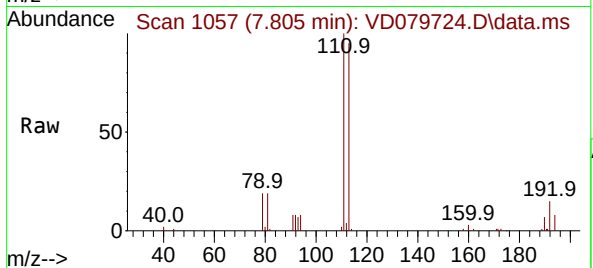
Tgt Ion:113 Resp: 80474

Ion Ratio Lower Upper

113 100

111 102.8 84.0 126.0

192 16.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.422 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

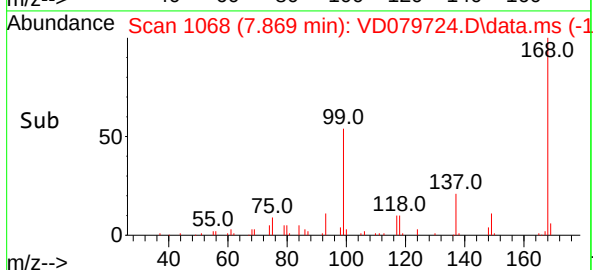
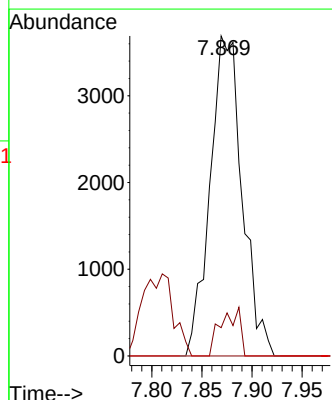
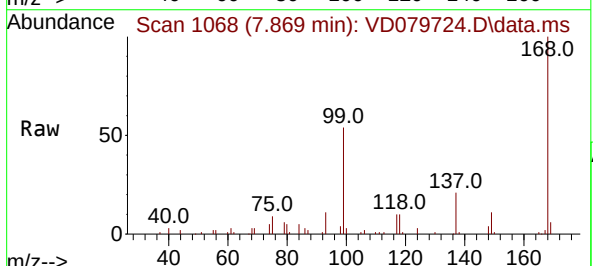
Tgt Ion: 75 Resp: 8238

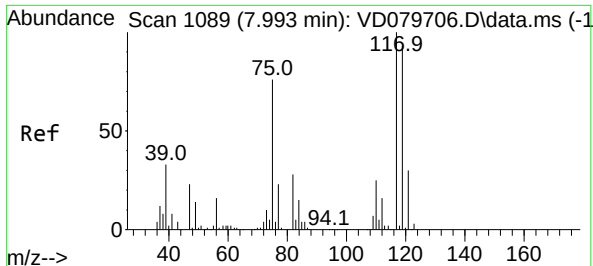
Ion Ratio Lower Upper

75 100

110 9.0 19.6 58.7#

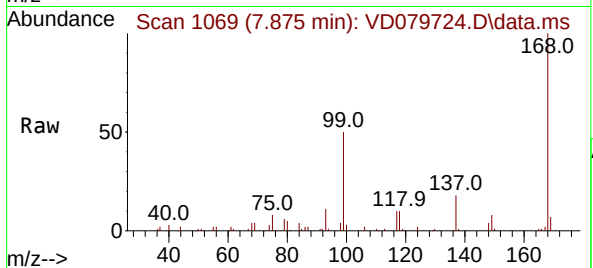
77 0.0 26.1 39.1#



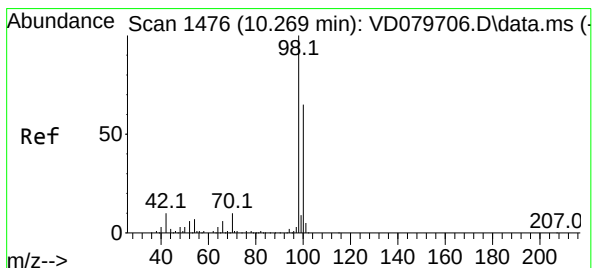
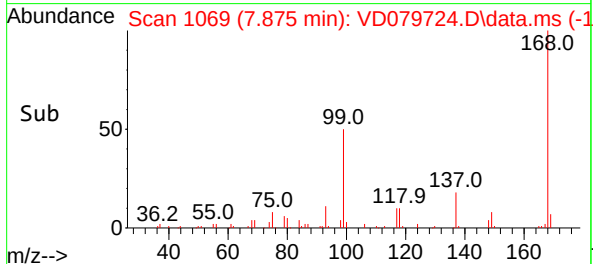
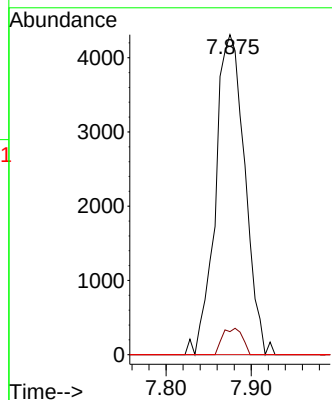


#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Instrument :
MSVOA_D
ClientSampleId :

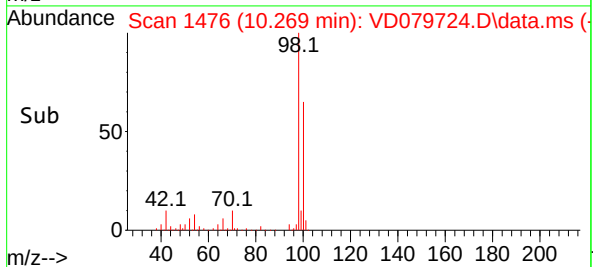
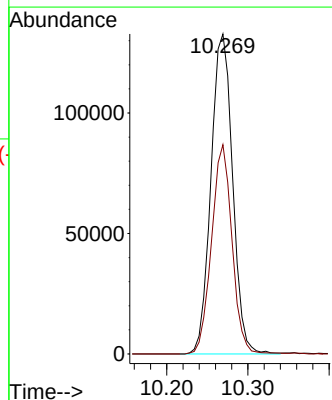
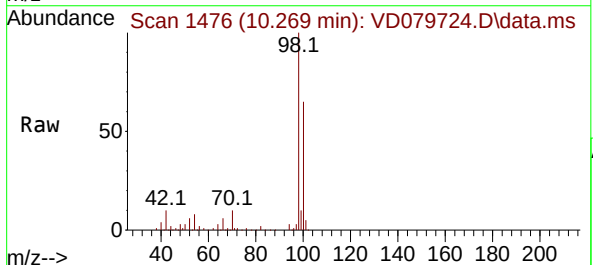


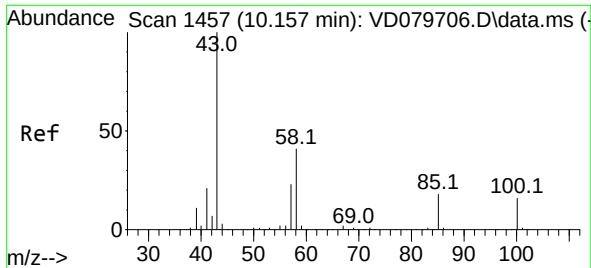
Tgt Ion:117 Resp: 10339
Ion Ratio Lower Upper
117 100
119 7.2 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Tgt Ion: 98 Resp: 245604
Ion Ratio Lower Upper
98 100
100 62.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.223 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

Instrument :

MSVOA_D

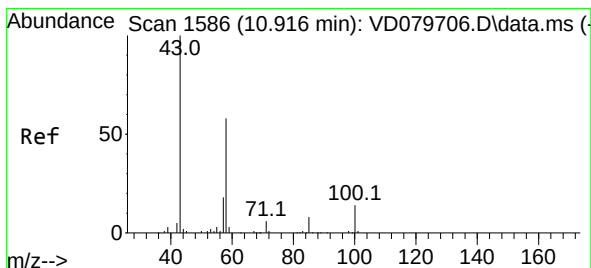
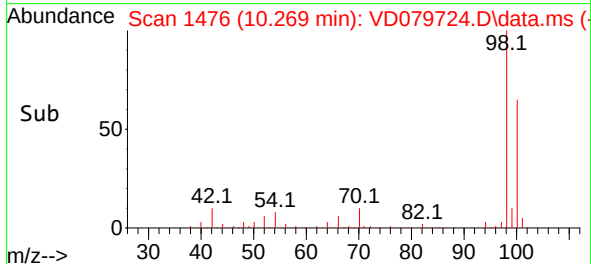
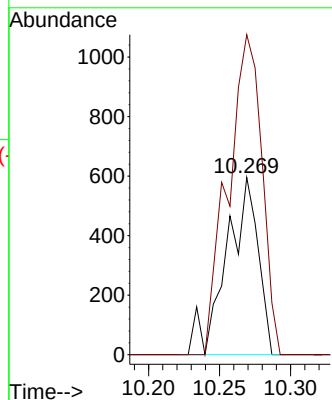
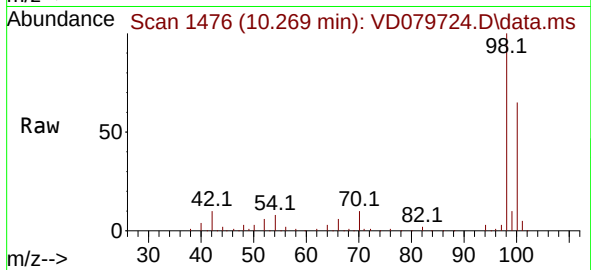
ClientSampleId :

Tgt Ion: 43 Resp: 925

Ion Ratio Lower Upper

43 100

58 193.4 36.6 55.0#



#59

2-Hexanone

Concen: 8.207 ug/l

RT: 10.793 min Scan# 1565

Delta R.T. -0.123 min

Lab File: VD079724.D

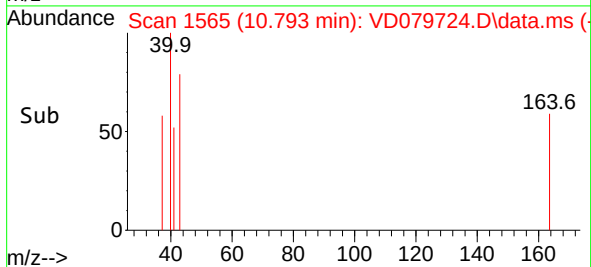
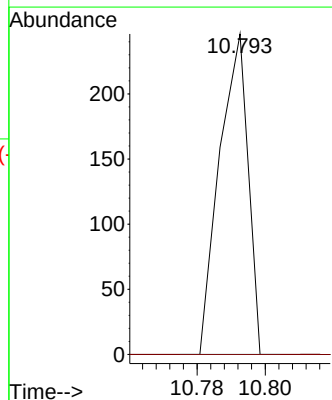
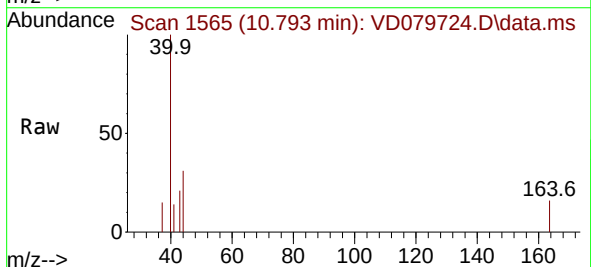
Acq: 13 Aug 2024 18:27

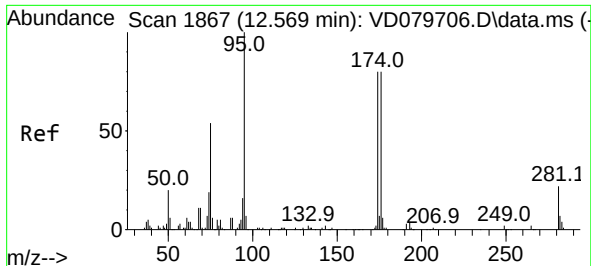
Tgt Ion: 43 Resp: 143

Ion Ratio Lower Upper

43 100

58 0.0 31.1 93.5#

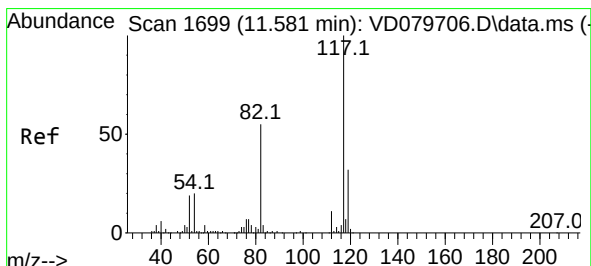
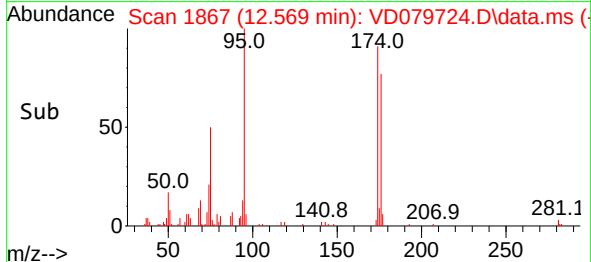
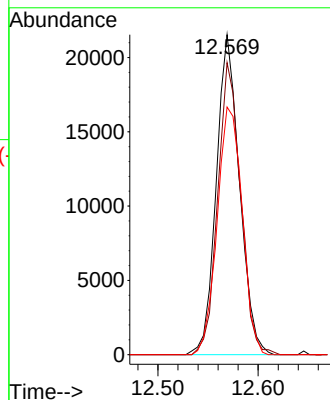
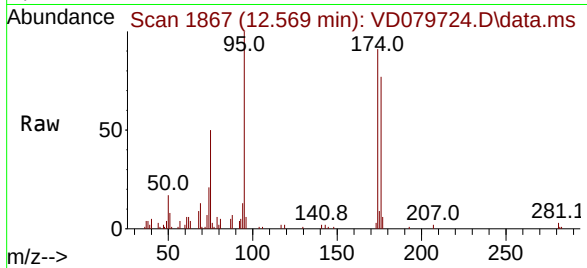




#62
4-Bromofluorobenzene
Concen: 24.624 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

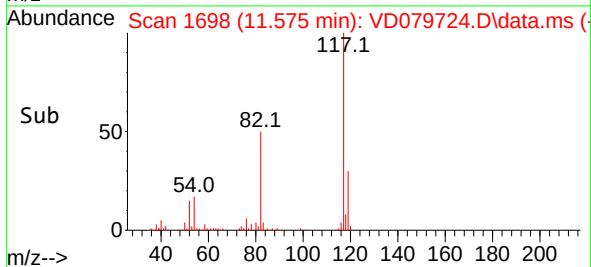
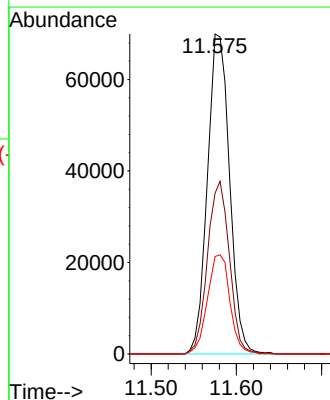
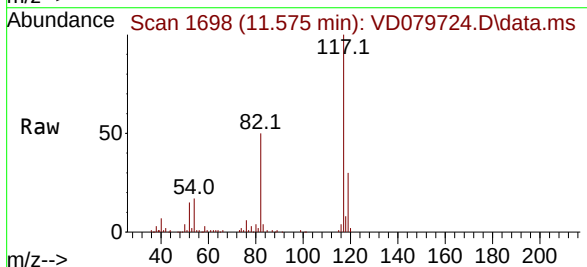
Instrument :
MSVOA_D
ClientSampleId :

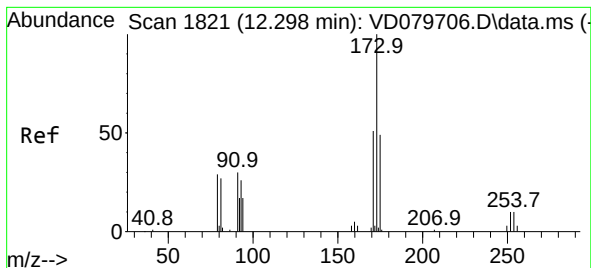
Tgt Ion:	95	Resp:	34630
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	195.4
176	83.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Tgt Ion:	117	Resp:	126753
Ion	Ratio	Lower	Upper
117	100		
82	50.2	39.8	59.6
119	30.5	25.7	38.5





#71

Bromoform

Concen: 1.085 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

Lab File: VD079724.D

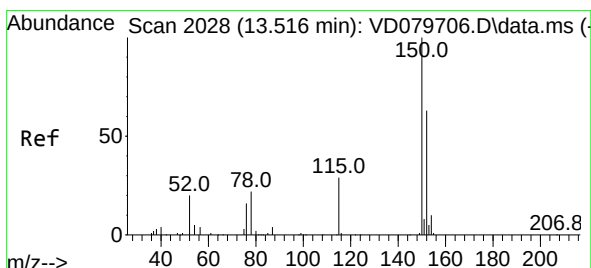
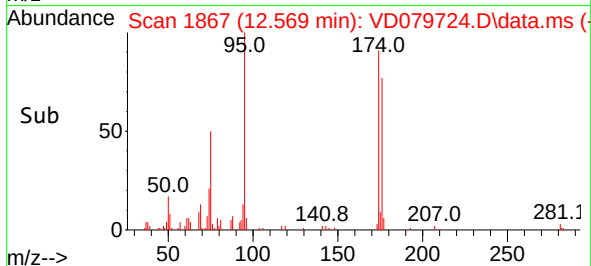
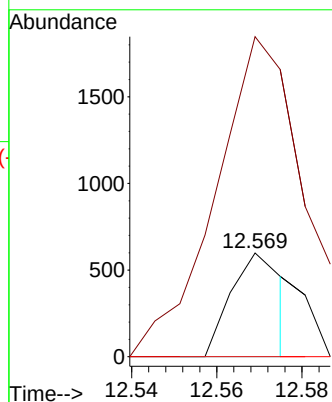
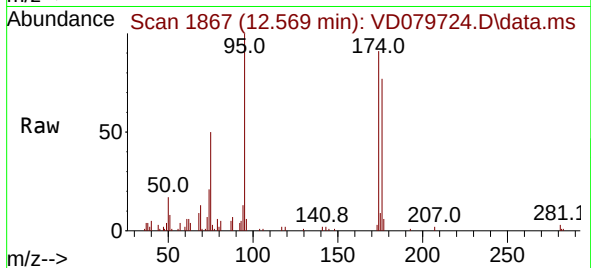
Acq: 13 Aug 2024 18:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	506
Ion Ratio	Lower	Upper
173	100	
175	418.8	23.7 71.1#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

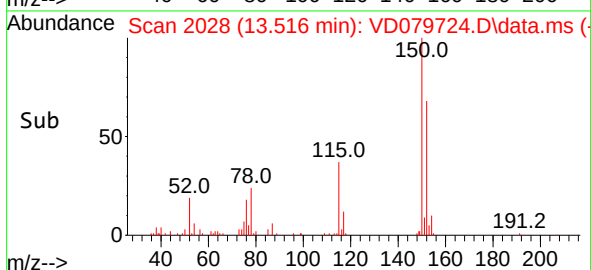
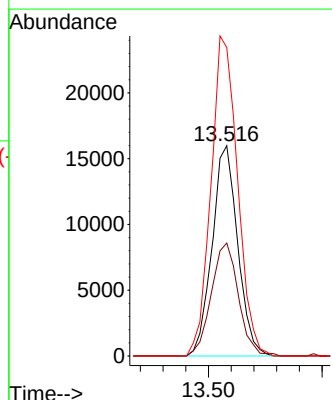
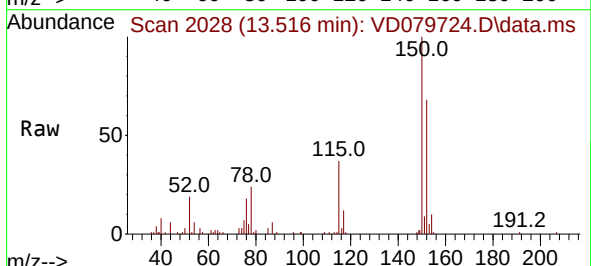
RT: 13.516 min Scan# 2028

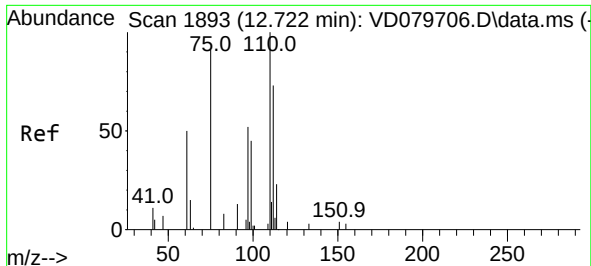
Delta R.T. -0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

Tgt Ion:152	Resp:	24967
Ion Ratio	Lower	Upper
152	100	
115	56.9	26.5 79.5
150	158.1	0.0 341.6

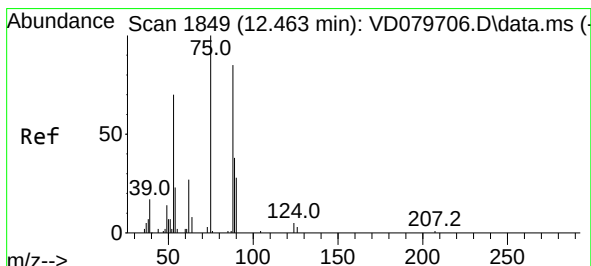
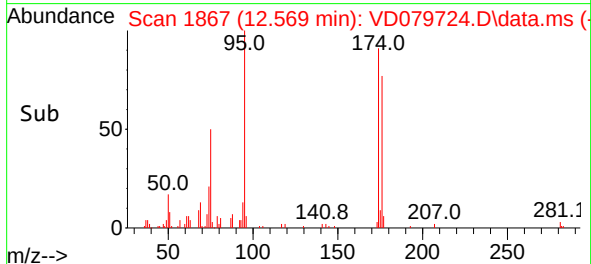
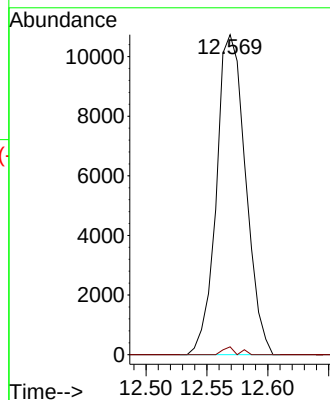
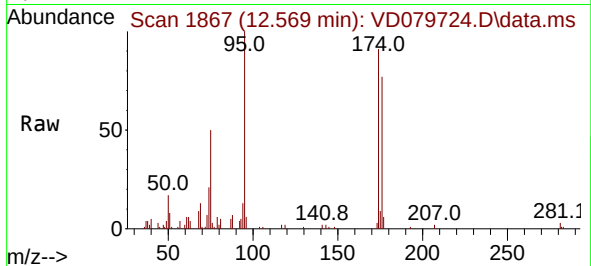




#76
1,2,3-Trichloropropane
Concen: 87.886 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

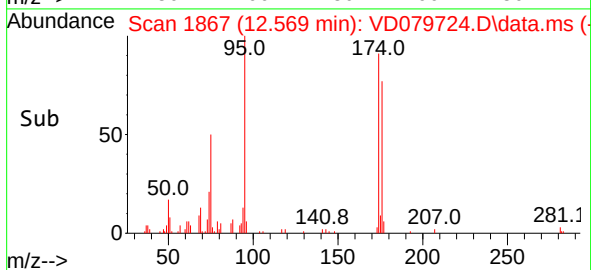
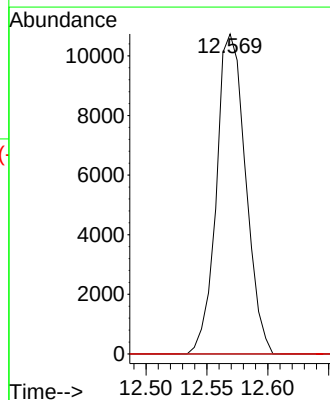
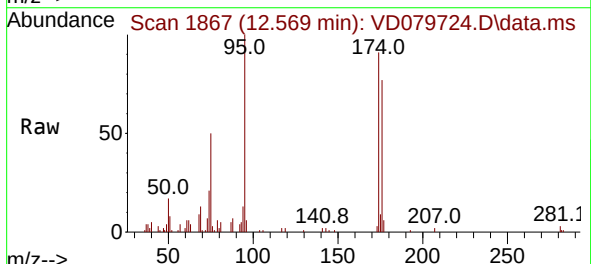
Instrument :
MSVOA_D
ClientSampleId :

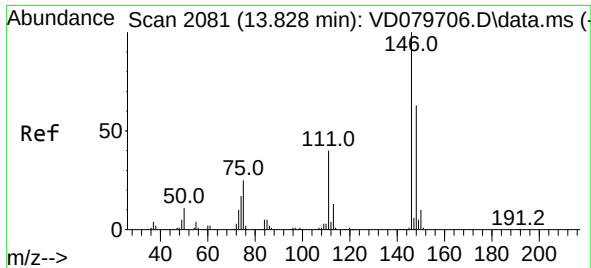
Tgt Ion: 75 Resp: 17888
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.769 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

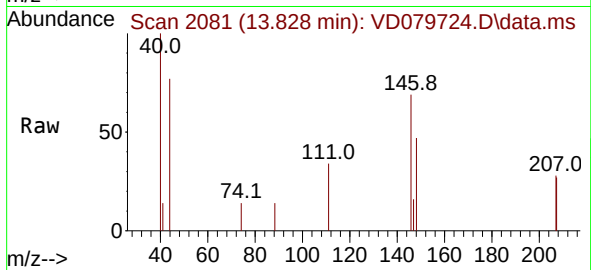
Tgt Ion: 75 Resp: 17888
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#





#91
 1,2-Dichlorobenzene
 Concen: 1.703 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079724.D
 Acq: 13 Aug 2024 18:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	146	Resp:	1224
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	47.9	31.1	93.5

