

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078516.D
 Acq On : 22 Feb 2024 14:38
 Operator : RP/MD
 Sample : P1538-03RE
 Misc : 5.03G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 01:04:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

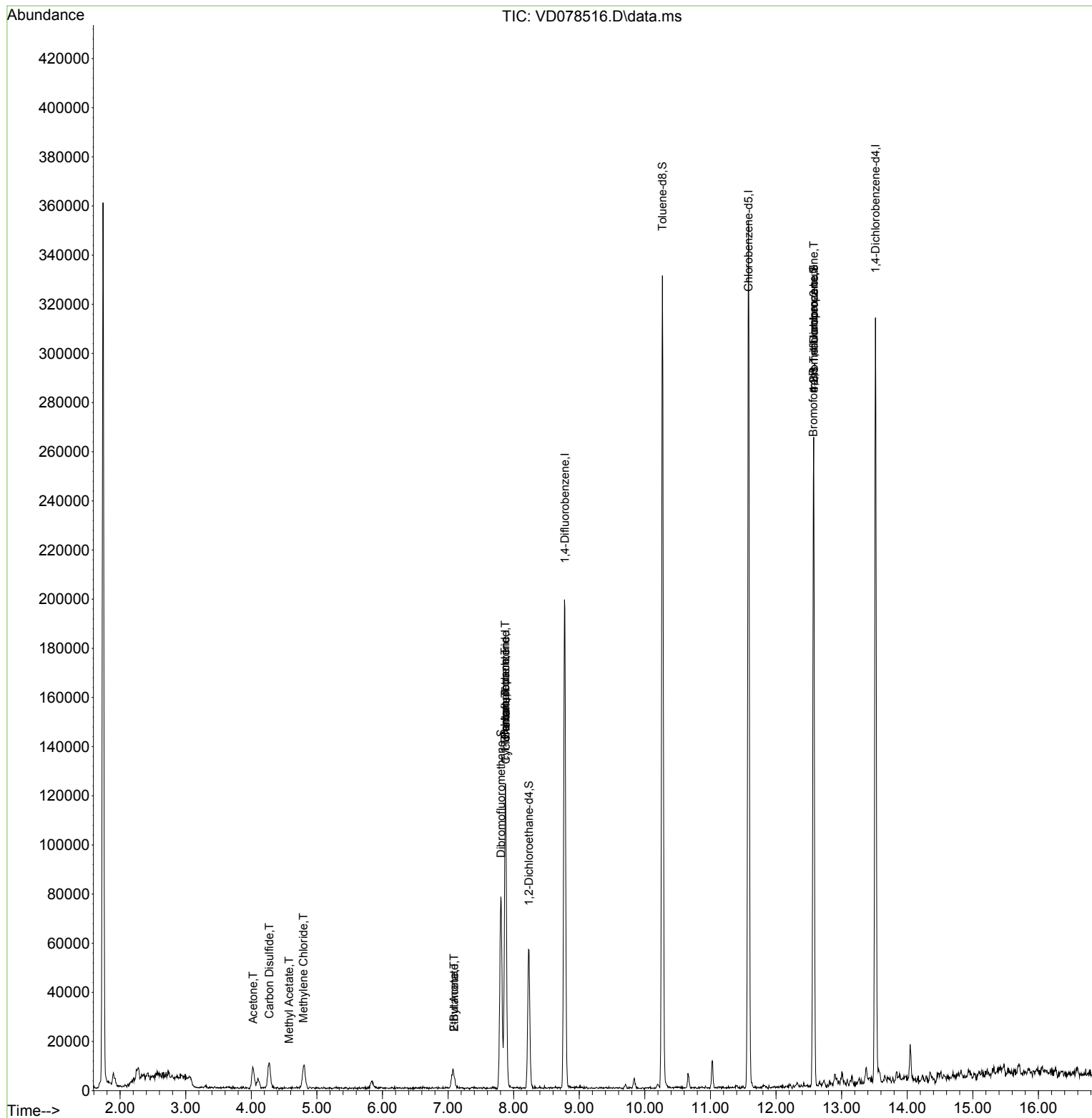
Internal Standards						
1) Pentafluorobenzene	7.875	168	94568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	186004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43253	42.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.600%
35) Dibromofluoromethane	7.810	113	58898	49.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.269	98	235509	49.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.575	95	79267	57.631	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.260%
Target Compounds						Qvalue
16) Acetone	4.028	43	14040	51.349	ug/l	90
17) Carbon Disulfide	4.275	76	21984	6.337	ug/l	100
18) Methyl Acetate	4.575	43	63	4.019	ug/l #	42
20) Methylene Chloride	4.793	84	7905	3.981	ug/l #	88
25) 2-Butanone	7.093	43	4937	3.582	ug/l #	61
31) Cyclohexane	7.881	56	2382	1.377	ug/l #	8
36) 1,1-Dichloropropene	7.869	75	8497	4.629	ug/l #	45
37) Ethyl Acetate	7.093	43	4937	7.673	ug/l #	68
38) Carbon Tetrachloride	7.875	117	9961	5.480	ug/l #	15
71) Bromoform	12.569	173	850	1.060	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41333	59.162	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41333	122.821	ug/l #	17

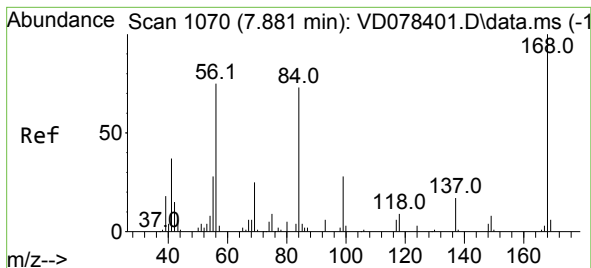
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 01:04:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078516.D

Acq: 22 Feb 2024 14:38

Instrument :

MSVOA_D

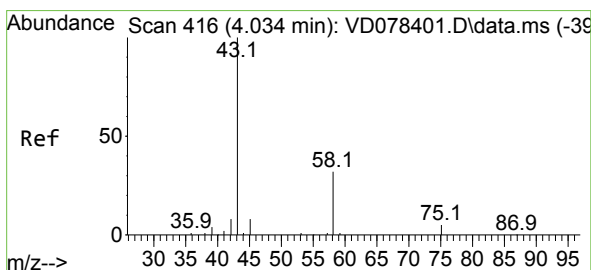
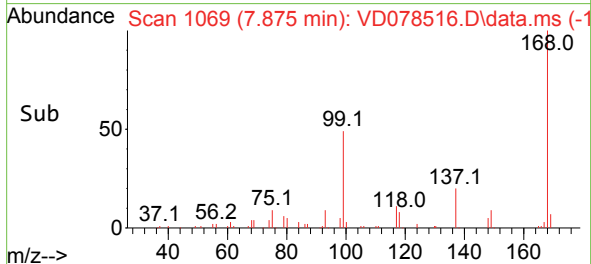
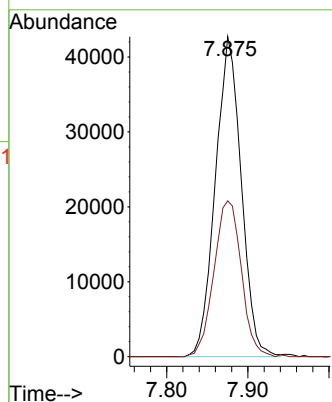
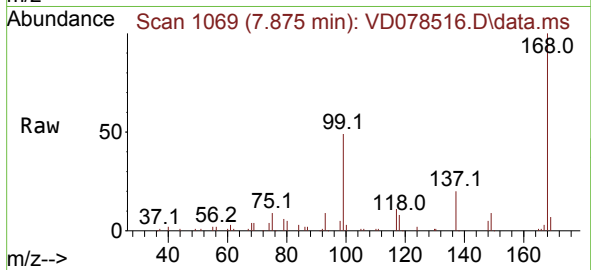
ClientSampleId :

Tgt Ion:168 Resp: 94568

Ion Ratio Lower Upper

168 100

99 48.7 36.7 55.1



#16

Acetone

Concen: 51.349 ug/l

RT: 4.028 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078516.D

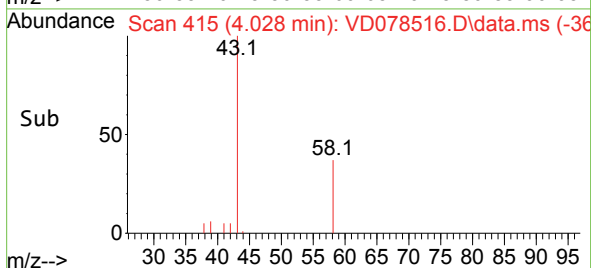
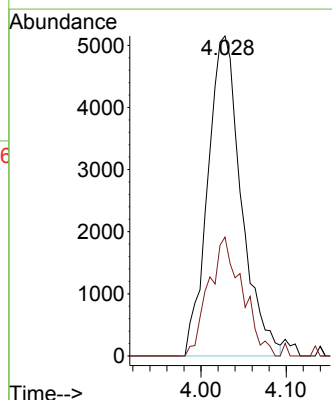
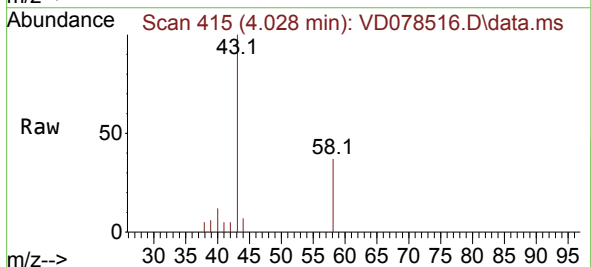
Acq: 22 Feb 2024 14:38

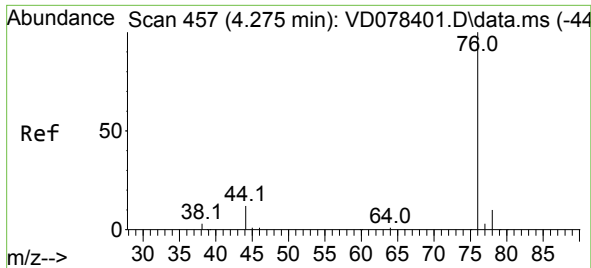
Tgt Ion: 43 Resp: 14040

Ion Ratio Lower Upper

43 100

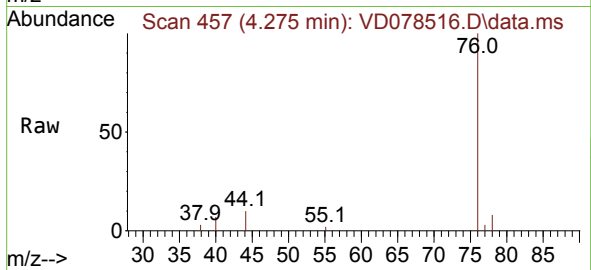
58 37.1 34.7 52.1



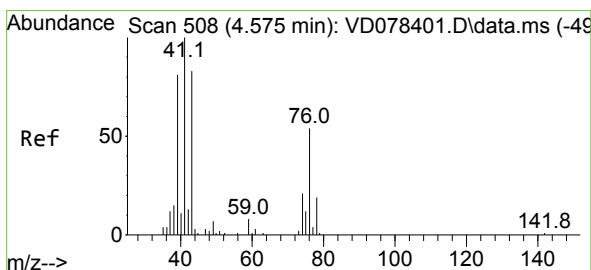
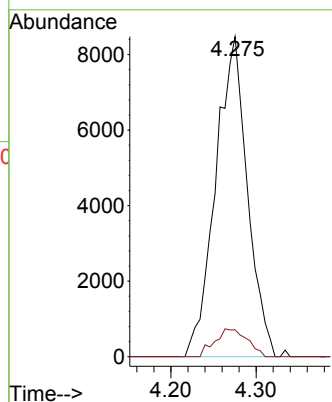
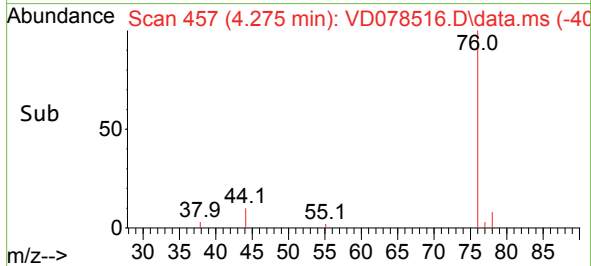


#17
Carbon Disulfide
Concen: 6.337 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Instrument :
MSVOA_D
ClientSampleId :

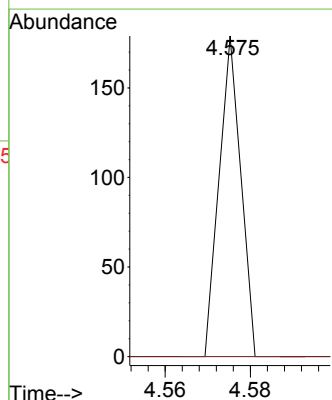
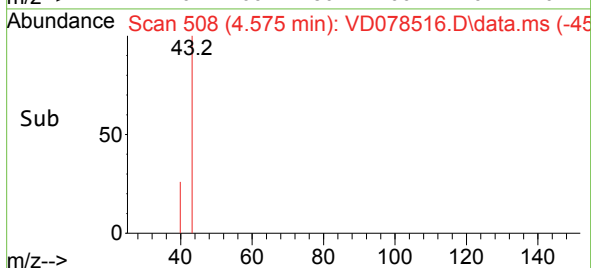
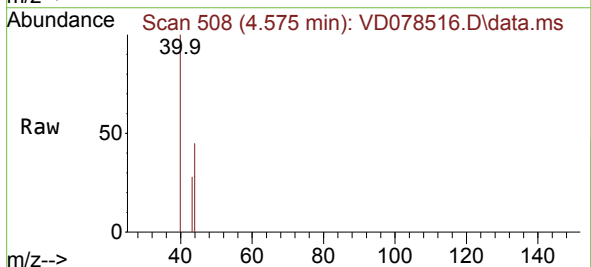


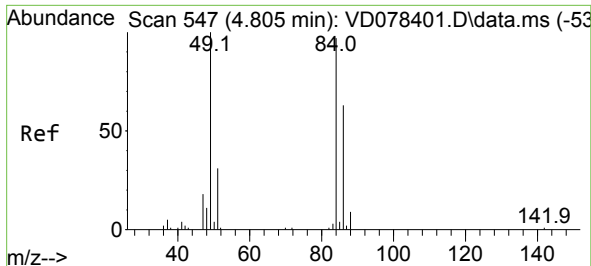
Tgt Ion: 76 Resp: 21984
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 4.019 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

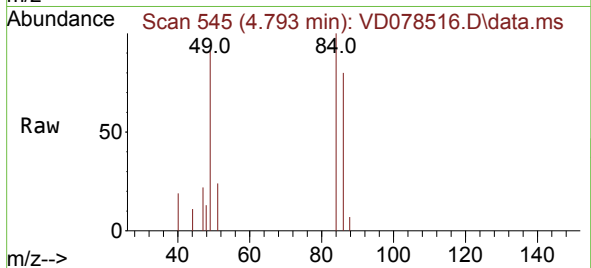
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



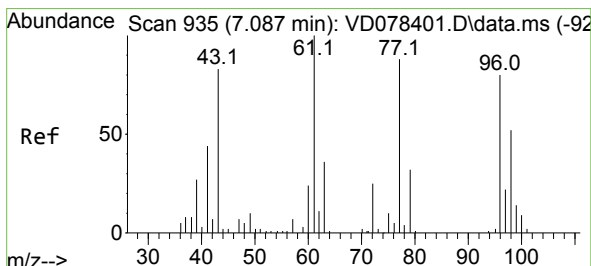
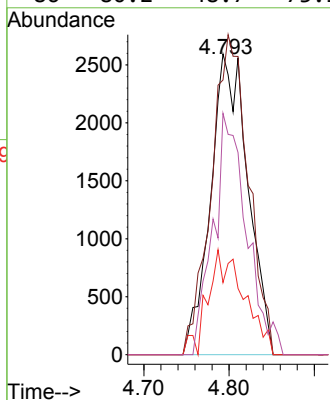
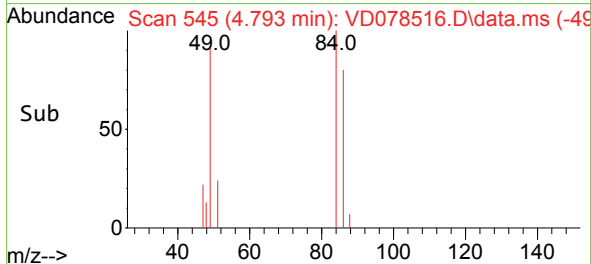


#20
Methylene Chloride
Concen: 3.981 ug/l
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

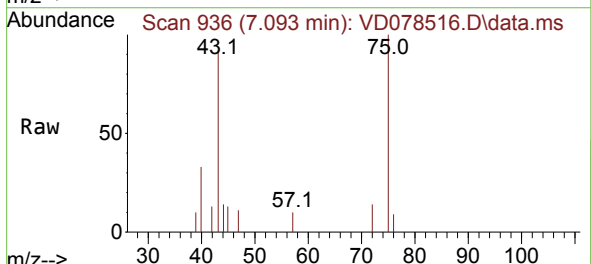
Instrument :
MSVOA_D
ClientSampleId :



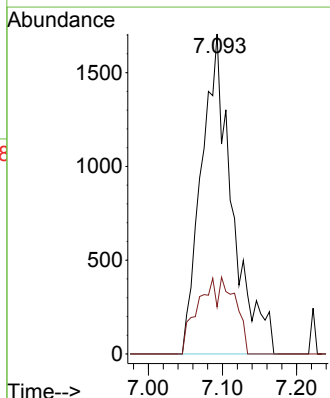
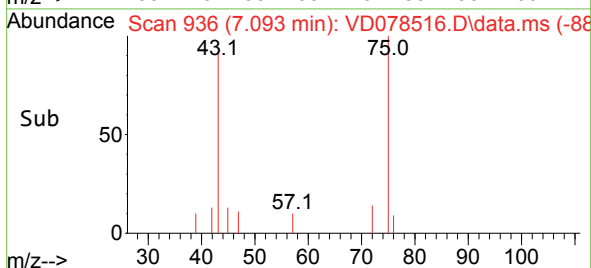
Tgt Ion: 84 Resp: 7905
Ion Ratio Lower Upper
84 100
49 91.4 71.4 107.2
51 24.0 24.5 36.7#
86 80.2 48.7 73.1#

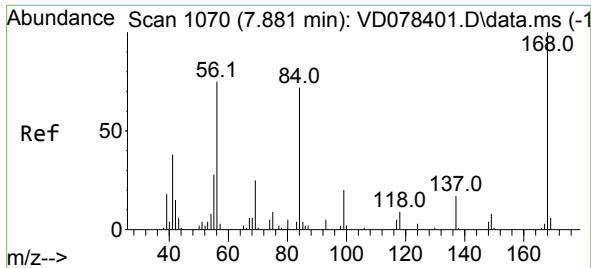


#25
2-Butanone
Concen: 3.582 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38



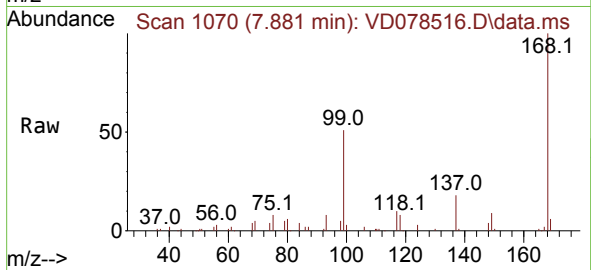
Tgt Ion: 43 Resp: 4937
Ion Ratio Lower Upper
43 100
72 14.7 30.7 46.1#



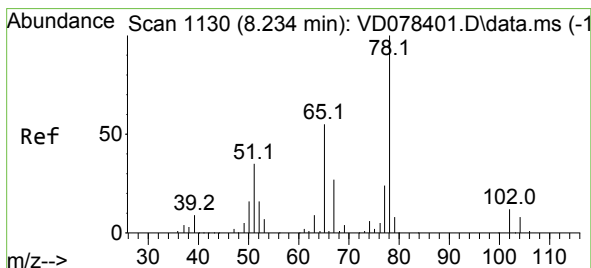
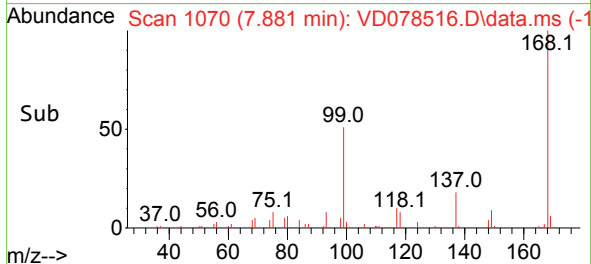
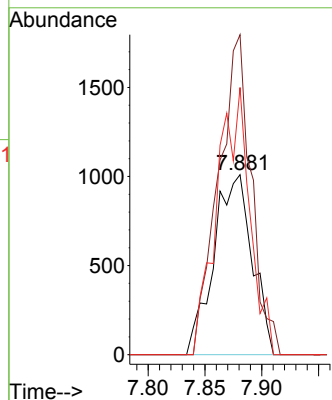


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Instrument :
MSVOA_D
ClientSampleId :

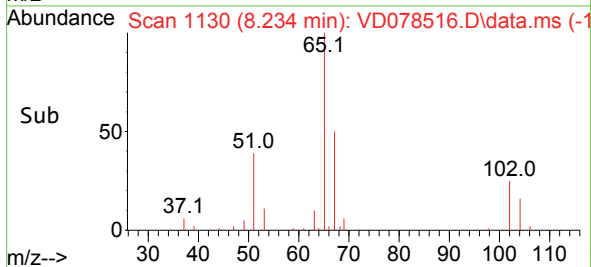
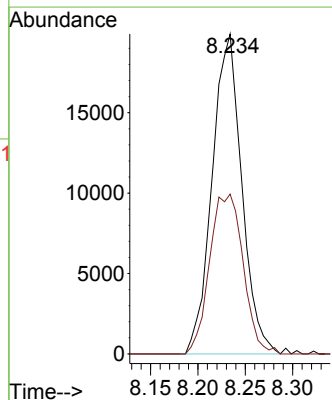
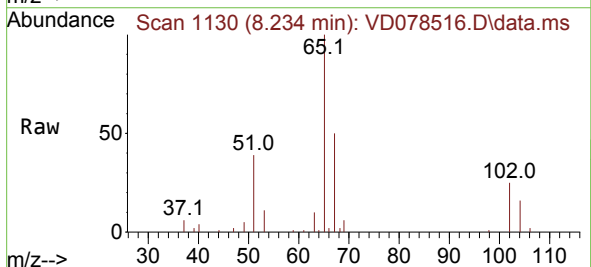


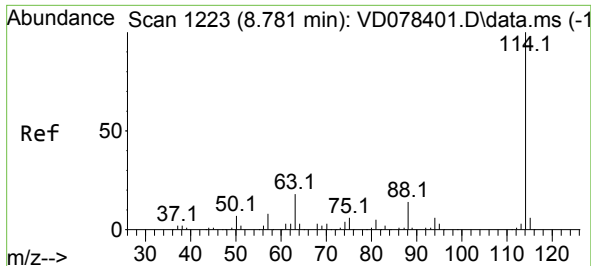
Tgt Ion: 56 Resp: 2382
Ion Ratio Lower Upper
56 100
69 177.8 28.6 43.0#
84 148.5 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 42.301 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Tgt Ion: 65 Resp: 43253
Ion Ratio Lower Upper
65 100
67 56.5 0.0 115.0

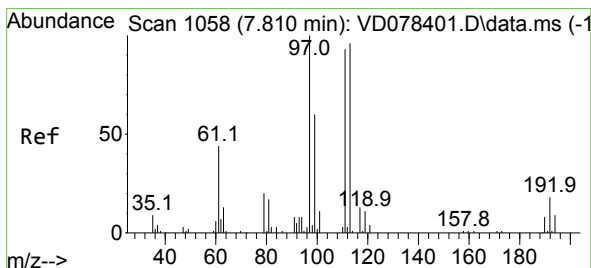
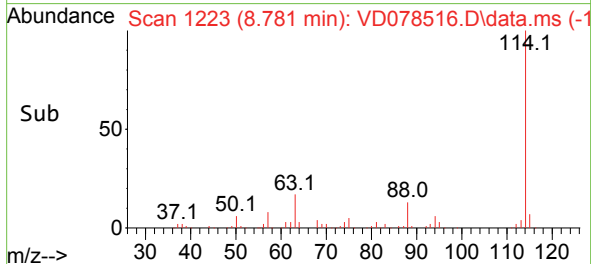
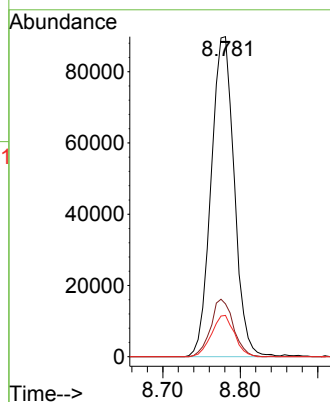
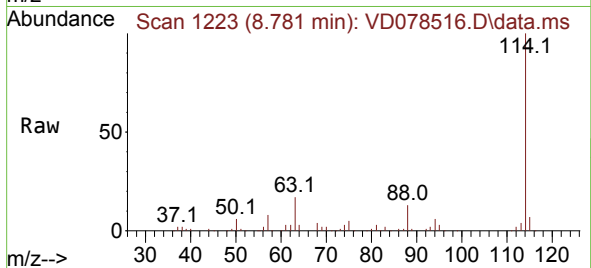




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

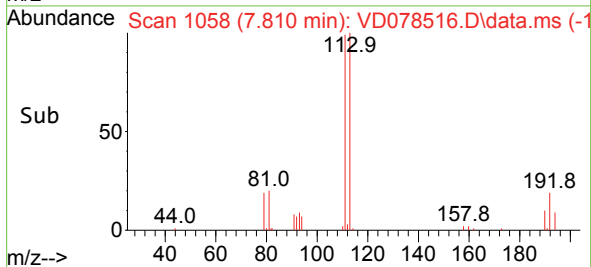
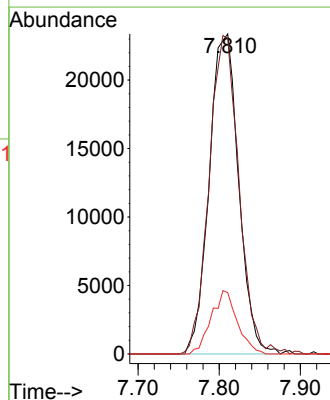
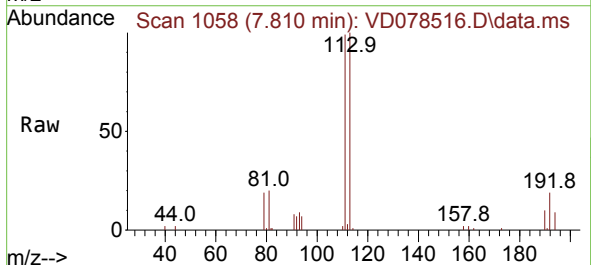
Instrument :
MSVOA_D
ClientSampleId :

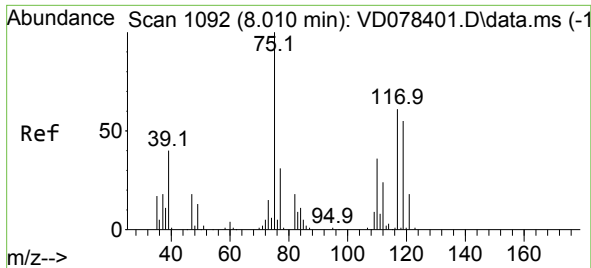
Tgt Ion:114 Resp: 186004
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 12.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.849 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

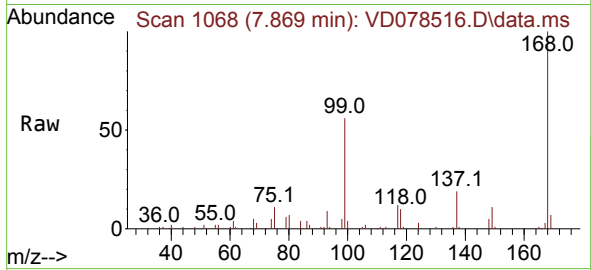
Tgt Ion:113 Resp: 58898
Ion Ratio Lower Upper
113 100
111 100.8 84.7 127.1
192 17.6 16.8 25.2



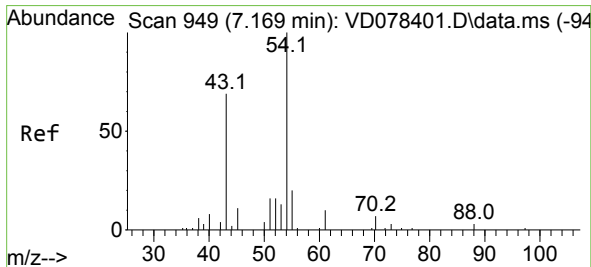
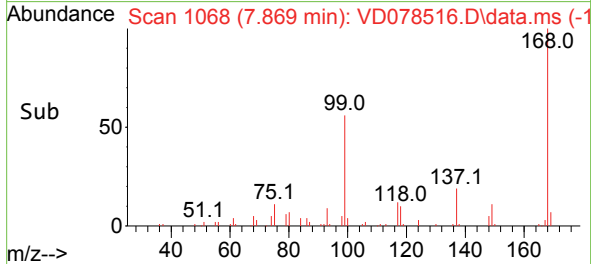
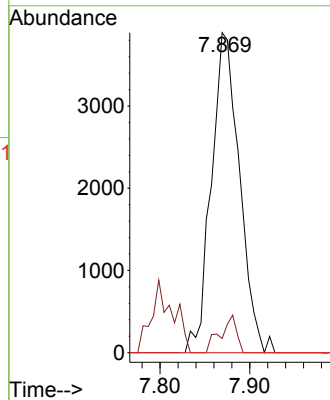


#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.869 min Scan# 1092
Delta R.T. -0.141 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Instrument :
MSVOA_D
ClientSampleId :

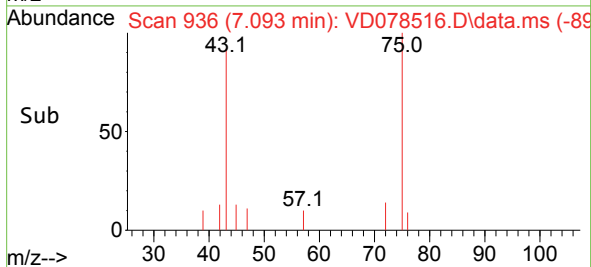
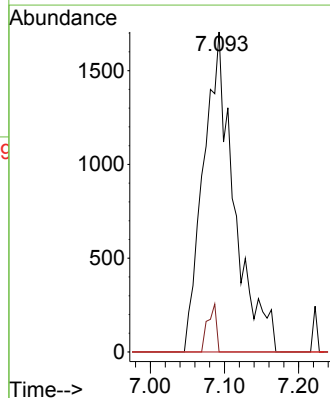
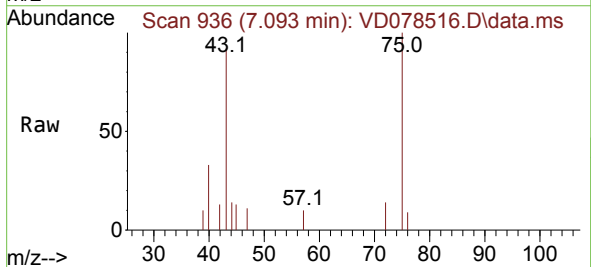


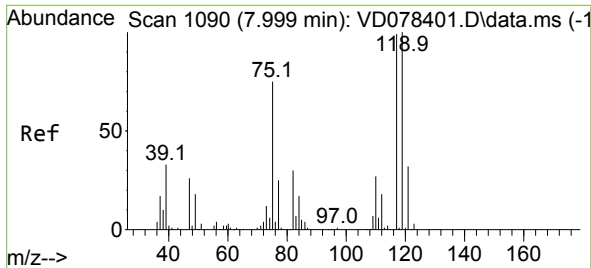
Tgt Ion: 75 Resp: 8497
Ion Ratio Lower Upper
75 100
110 6.7 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 7.673 ug/l
RT: 7.093 min Scan# 936
Delta R.T. -0.077 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

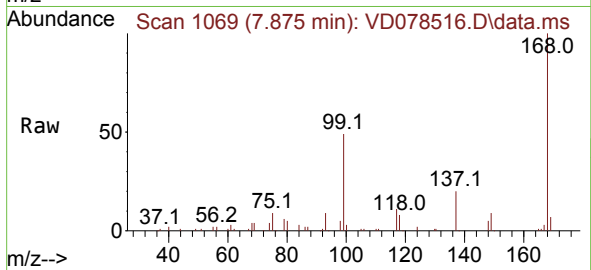
Tgt Ion: 43 Resp: 4937
Ion Ratio Lower Upper
43 100
61 4.2 14.9 22.3#
70 0.0 10.0 15.0#



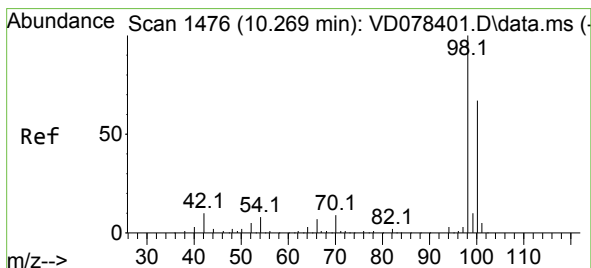
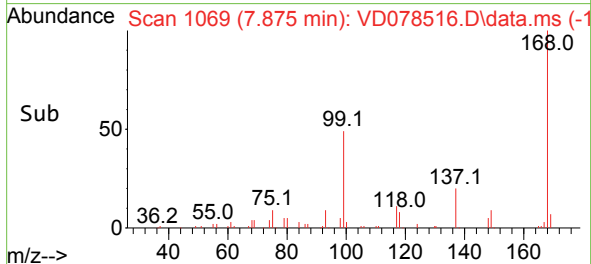
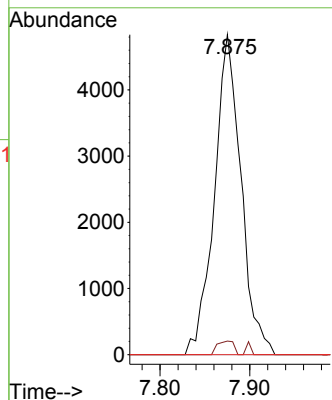


#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Instrument :
MSVOA_D
ClientSampleId :

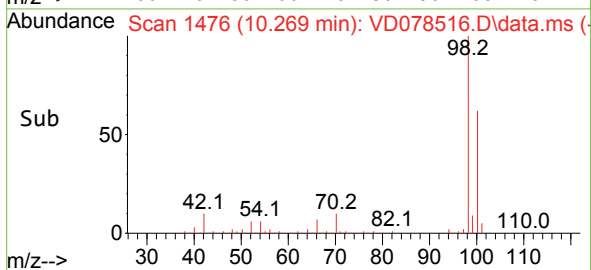
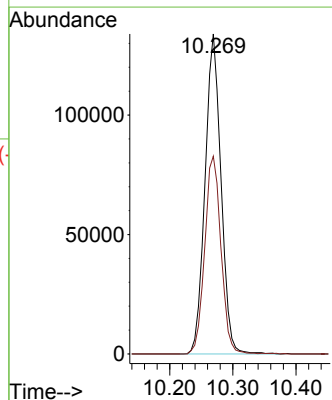
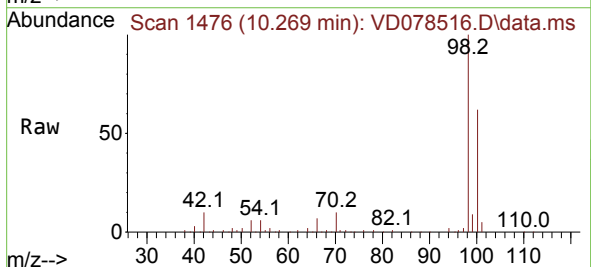


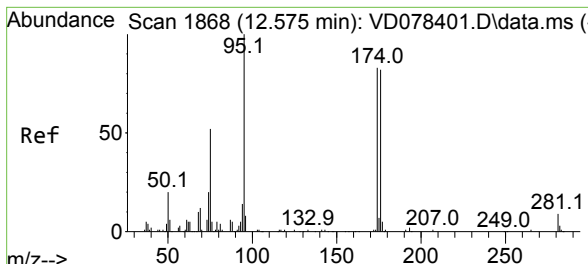
Tgt Ion:117 Resp: 9961
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.828 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

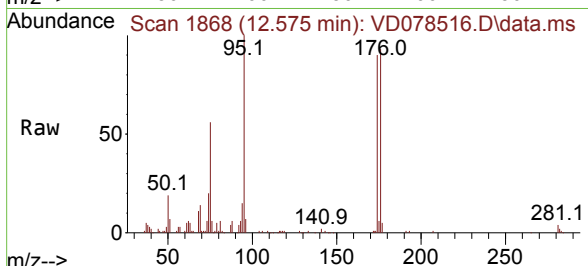
Tgt Ion: 98 Resp: 235509
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



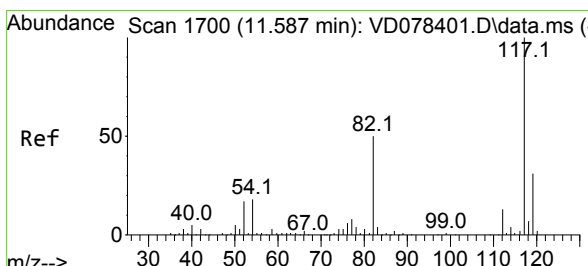
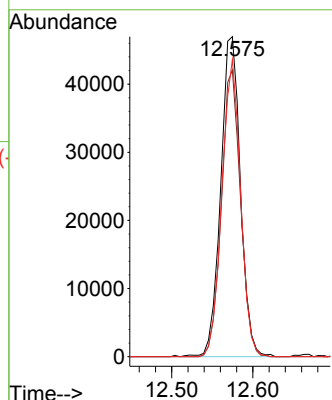
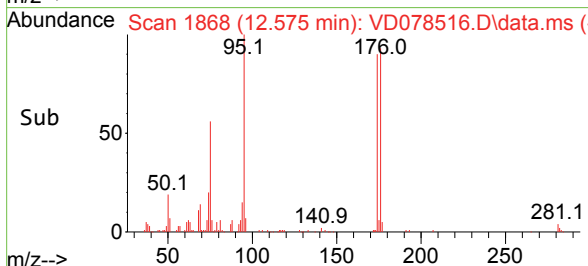


#62
 4-Bromofluorobenzene
 Concen: 57.631 ug/l
 RT: 12.575 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078516.D
 Acq: 22 Feb 2024 14:38

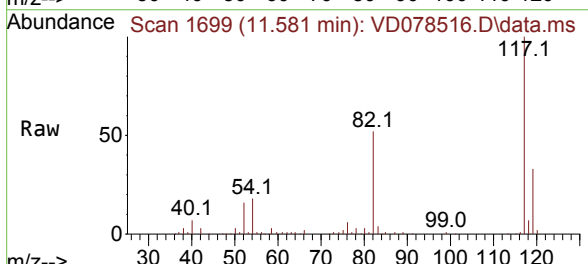
Instrument :
 MSVOA_D
 ClientSampleId :



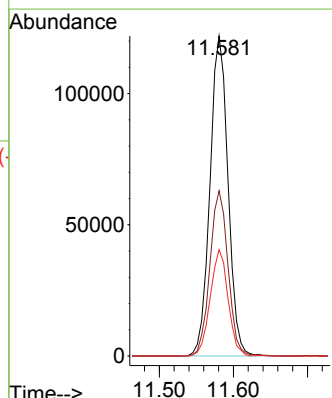
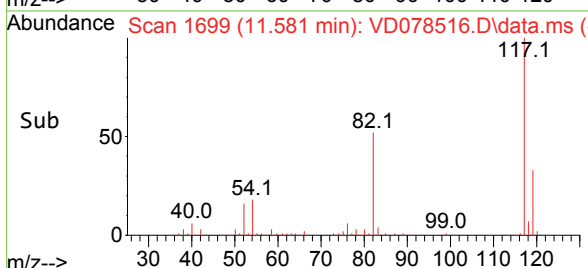
Tgt Ion:	95	Resp:	79267
Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	201.8
176	88.1	0.0	191.8

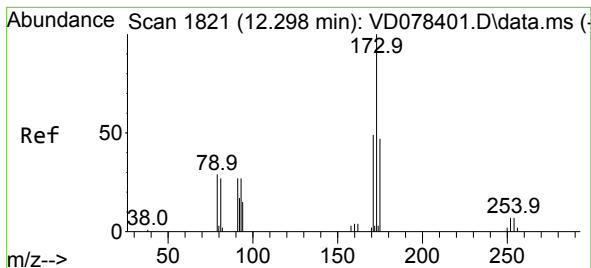


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: VD078516.D
 Acq: 22 Feb 2024 14:38



Tgt Ion:	117	Resp:	206199
Ion	Ratio	Lower	Upper
117	100		
82	51.6	38.3	57.5
119	33.2	25.0	37.4





#71

Bromoform

Concen: 1.060 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

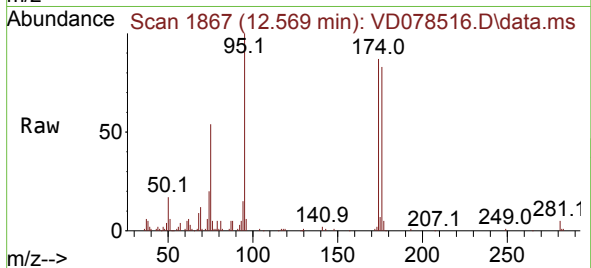
Lab File: VD078516.D

Acq: 22 Feb 2024 14:38

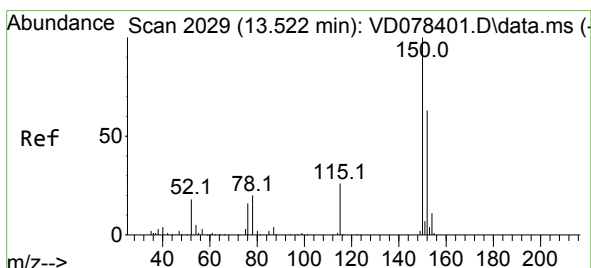
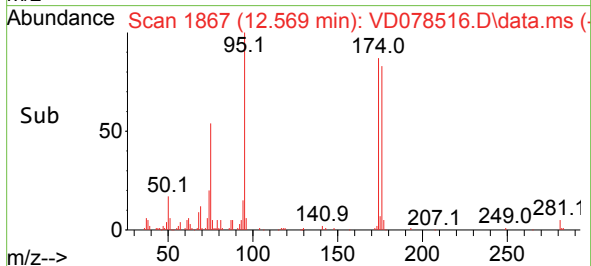
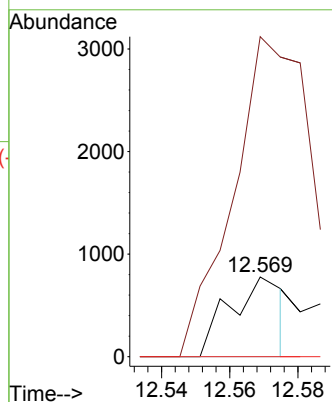
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	173	Resp:	850
Ion Ratio	Lower	Upper	
173	100		
175	397.2	24.6	73.8#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

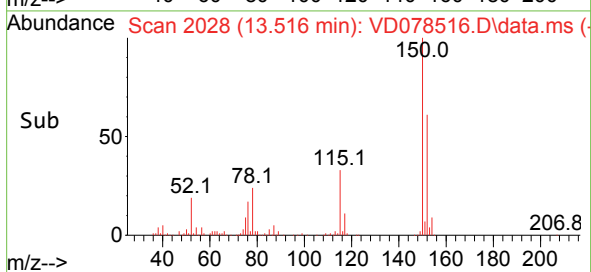
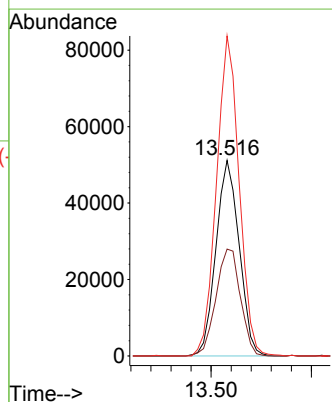
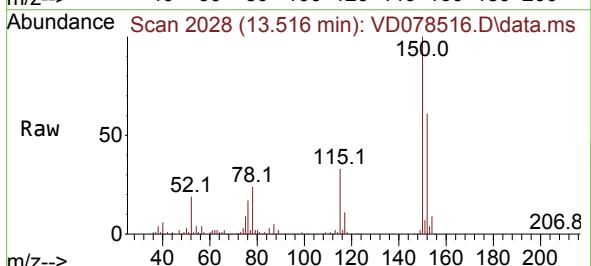
RT: 13.516 min Scan# 2028

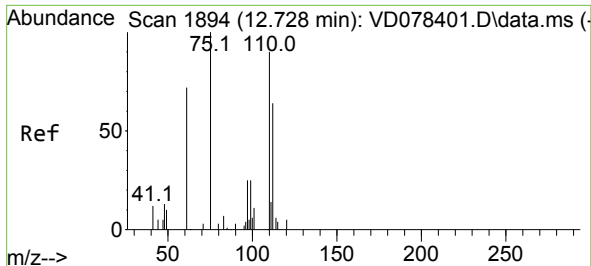
Delta R.T. -0.006 min

Lab File: VD078516.D

Acq: 22 Feb 2024 14:38

Tgt Ion:	152	Resp:	82293
Ion Ratio	Lower	Upper	
152	100		
115	57.5	27.1	81.3
150	159.2	0.0	353.6

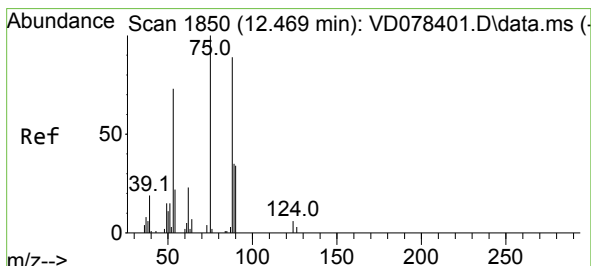
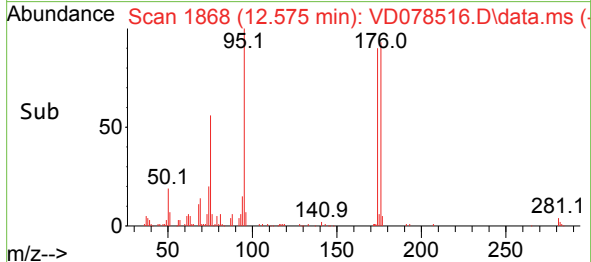
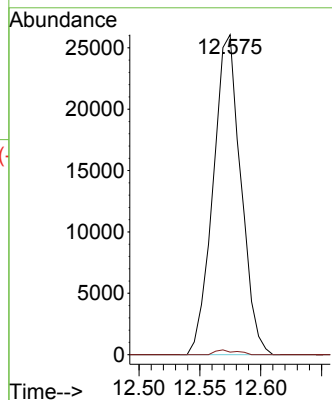
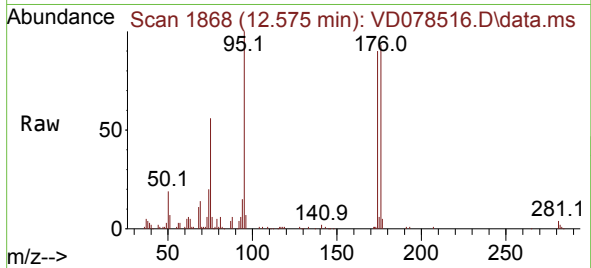




#76
1,2,3-Trichloropropane
Concen: 59.162 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 41333
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.821 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078516.D
Acq: 22 Feb 2024 14:38

Tgt Ion: 75 Resp: 41333
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.0 37.9 56.9#

