

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078666.D
 Acq On : 14 Mar 2024 15:01
 Operator : RP/MD
 Sample : VD0314SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01

Quant Time: Mar 15 05:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

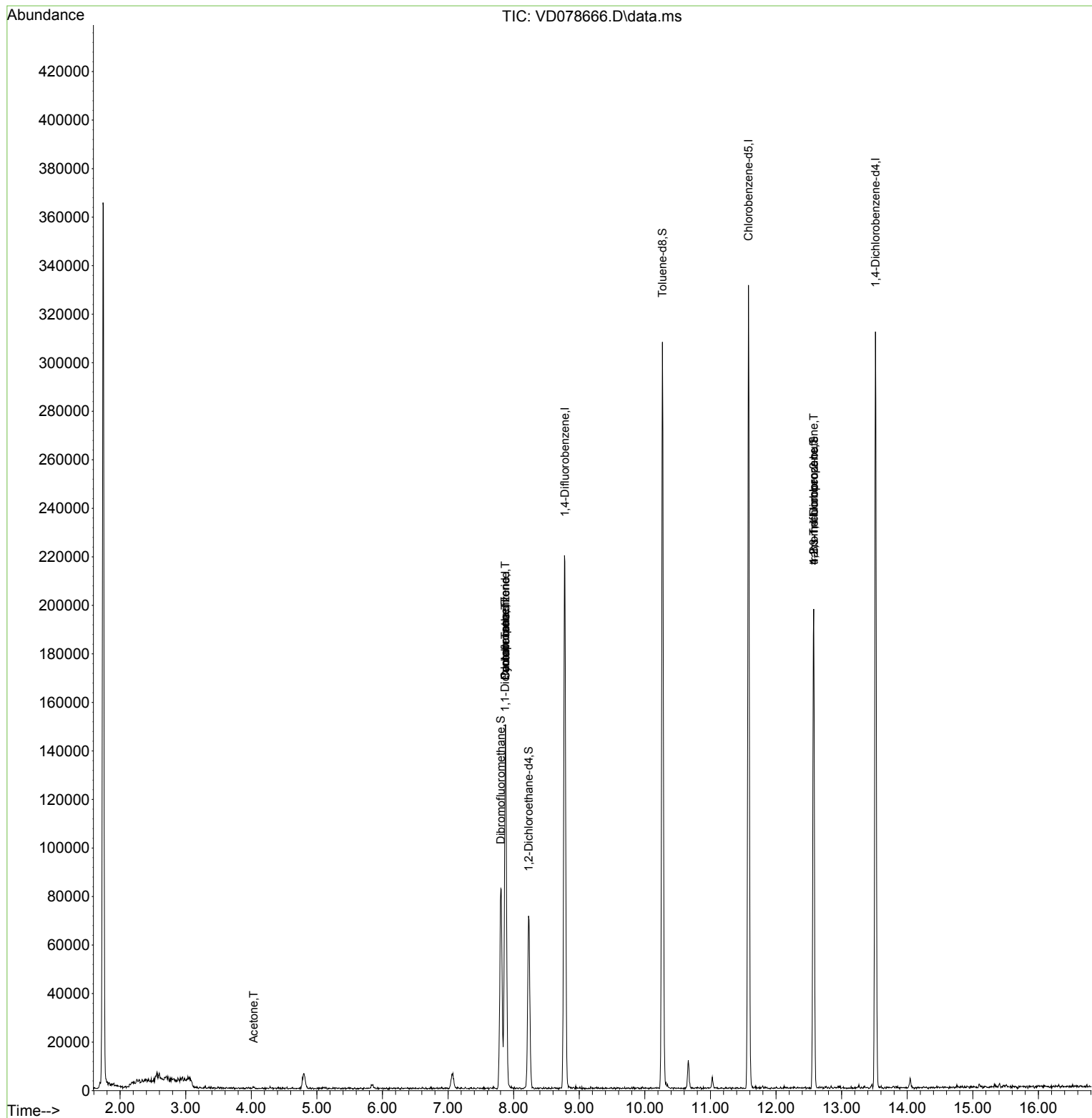
Internal Standards						
1) Pentafluorobenzene	7.875	168	118106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	206108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54380	49.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.804	113	62253	46.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.269	98	218653	44.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.575	95	59834	41.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.820%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	263	1.229	ug/l #	39
20) Methylene Chloride	4.793	84	5200	Below Cal	#	87
31) Cyclohexane	7.875	56	2838	1.525	ug/l #	37
36) 1,1-Dichloropropene	7.869	75	8852	4.597	ug/l #	50
38) Carbon Tetrachloride	7.875	117	10997	5.418	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	31006	48.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	31006	100.753	ug/l #	19

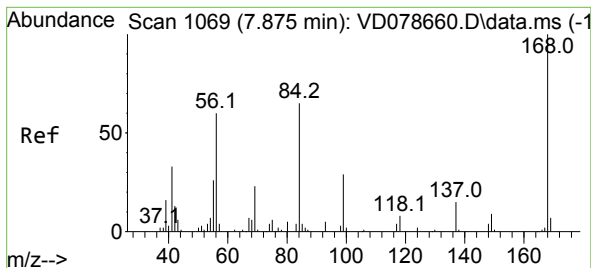
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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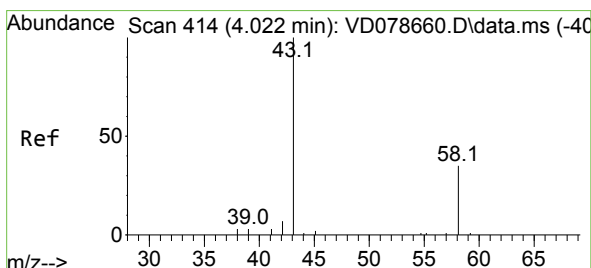
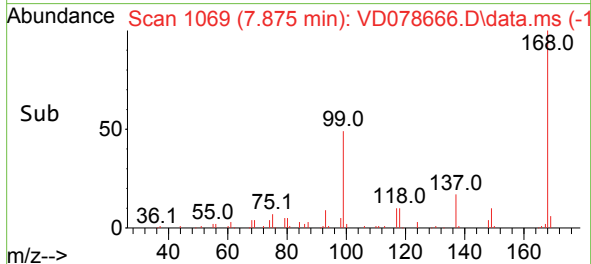
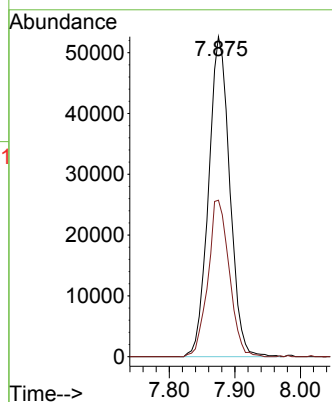
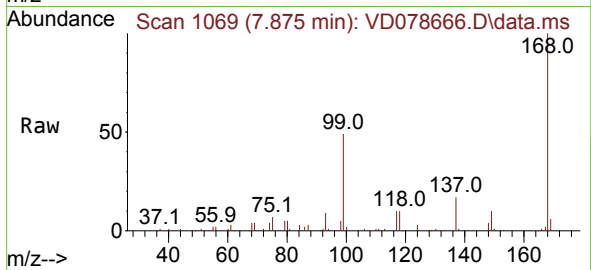




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078666.D
Acq: 14 Mar 2024 15:01

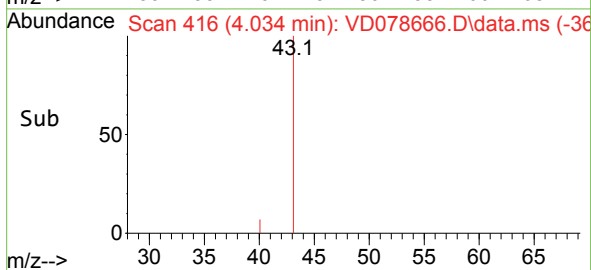
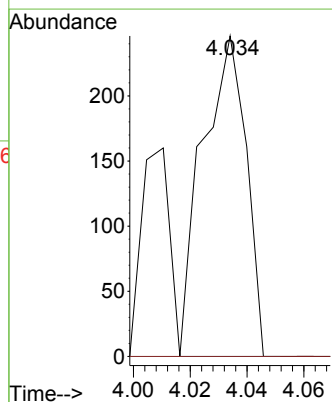
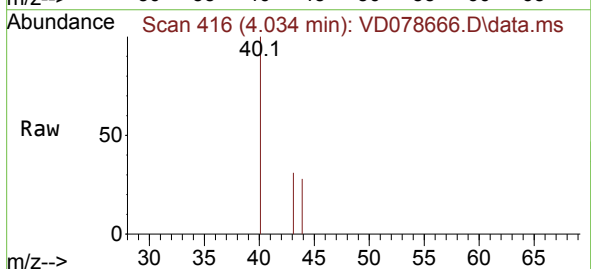
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

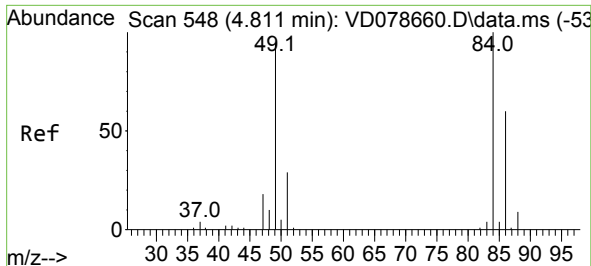
Tgt Ion:168 Resp: 118106
Ion Ratio Lower Upper
168 100
99 48.9 38.8 58.2



#16
Acetone
Concen: 1.229 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078666.D
Acq: 14 Mar 2024 15:01

Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

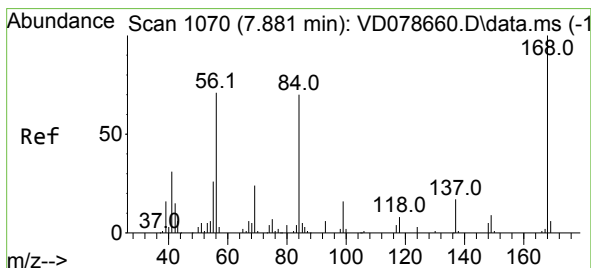
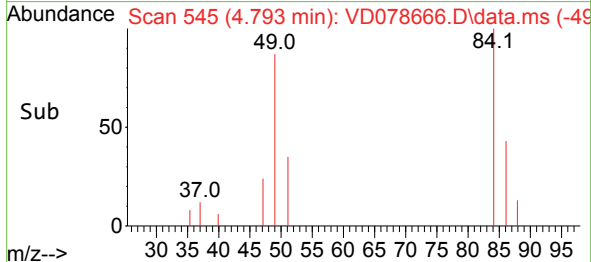
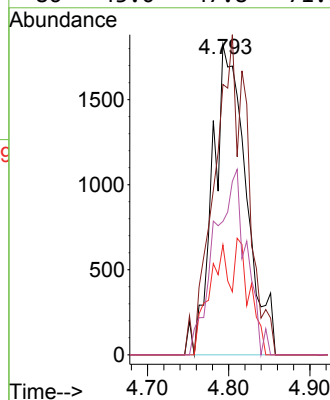
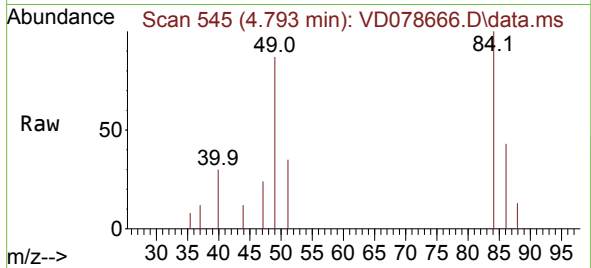




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD078666.D
Acq: 14 Mar 2024 15:01

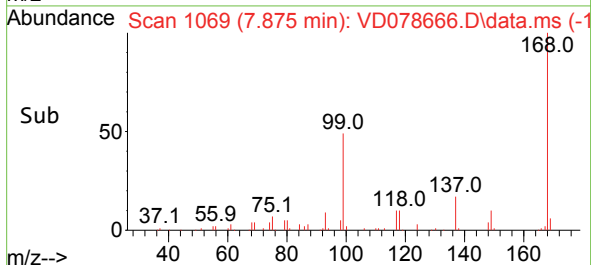
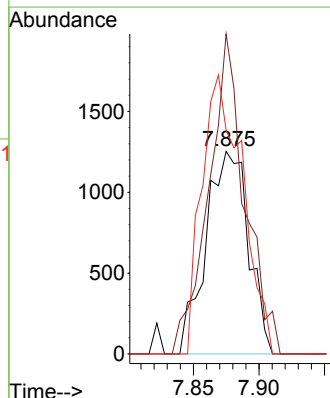
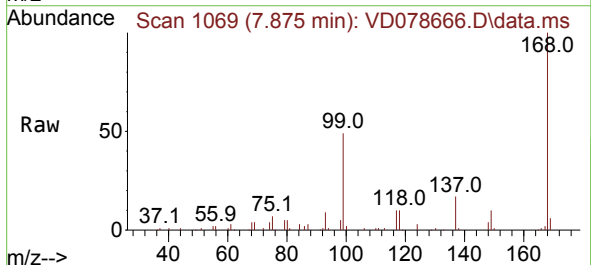
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

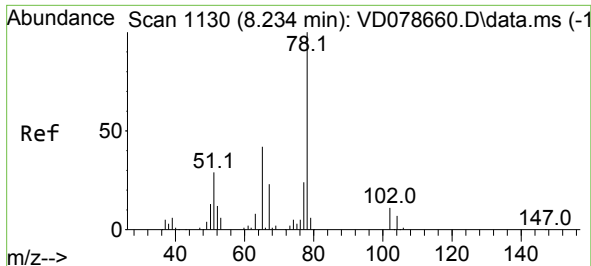
Tgt Ion:	84	Resp:	5200
Ion	Ratio	Lower	Upper
84	100		
49	87.2	75.6	113.4
51	35.4	23.4	35.0#
86	43.0	47.8	71.6#



#31
Cyclohexane
Concen: 1.525 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078666.D
Acq: 14 Mar 2024 15:01

Tgt Ion:	56	Resp:	2838
Ion	Ratio	Lower	Upper
56	100		
69	157.9	26.6	40.0#
84	110.4	79.4	119.2





#33

1,2-Dichloroethane-d4

Concen: 49.131 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078666.D

Acq: 14 Mar 2024 15:01

Instrument :

MSVOA_D

ClientSampleId :

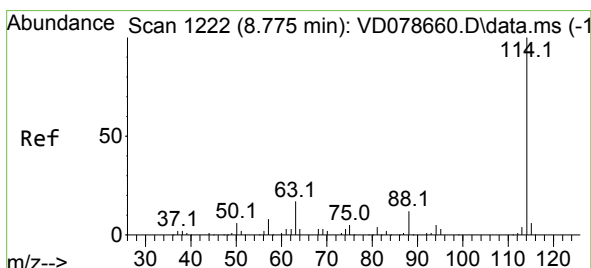
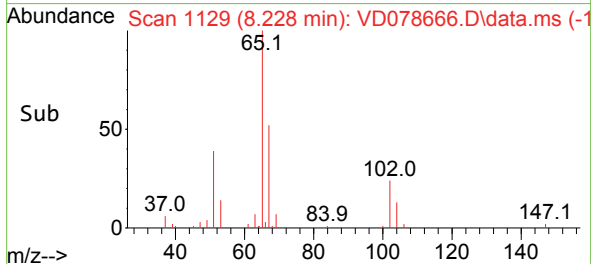
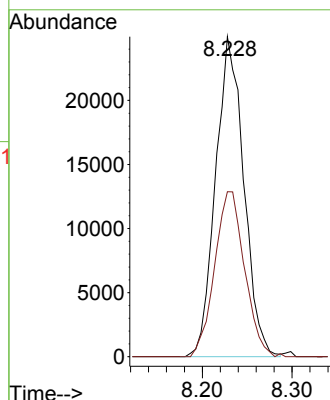
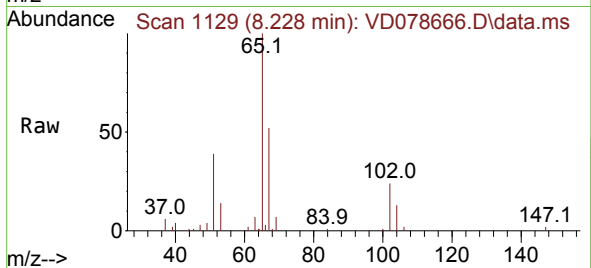
VD0314SBL01

Tgt Ion: 65 Resp: 54380

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078666.D

Acq: 14 Mar 2024 15:01

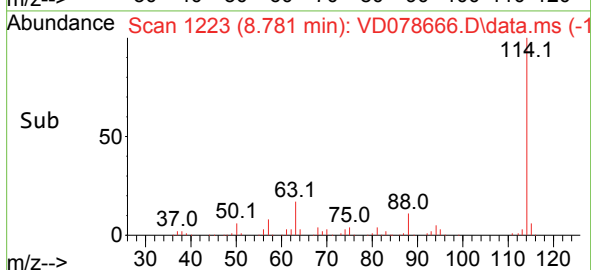
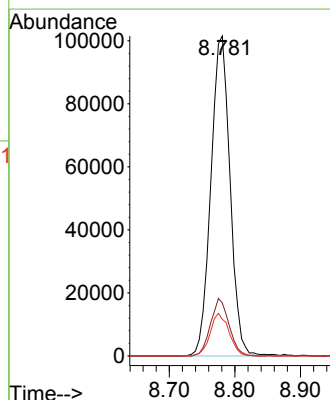
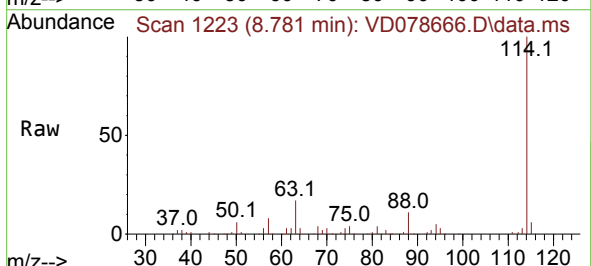
Tgt Ion:114 Resp: 206108

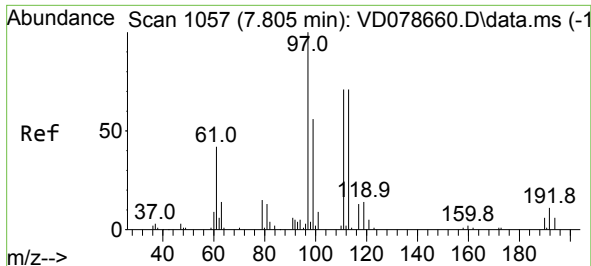
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 11.5 0.0 24.6





#35

Dibromofluoromethane

Concen: 46.912 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078666.D

Acq: 14 Mar 2024 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

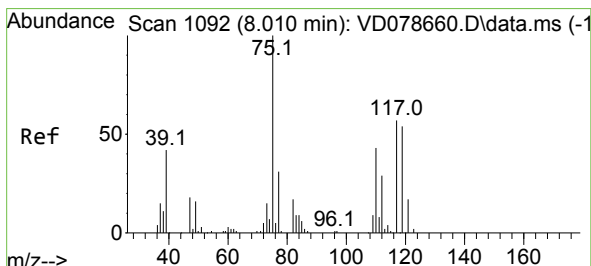
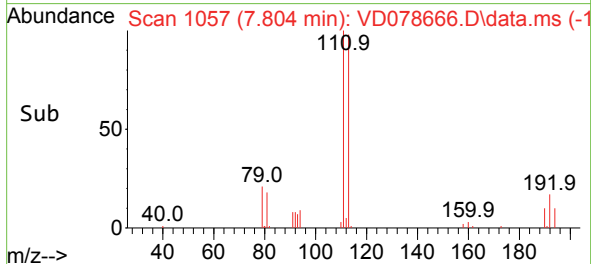
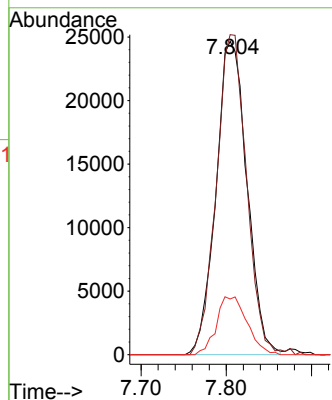
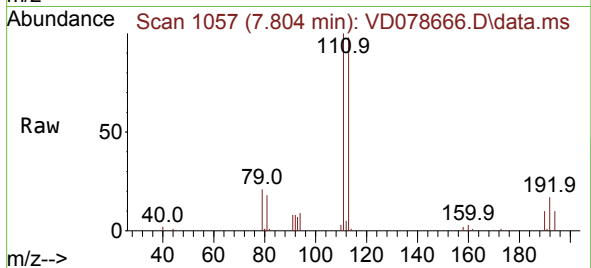
Tgt Ion:113 Resp: 62253

Ion Ratio Lower Upper

113 100

111 99.6 81.9 122.9

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.597 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078666.D

Acq: 14 Mar 2024 15:01

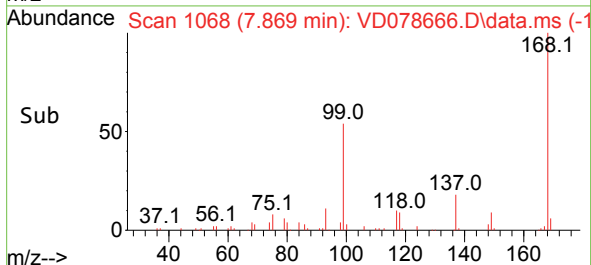
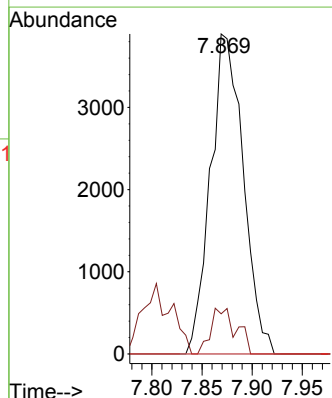
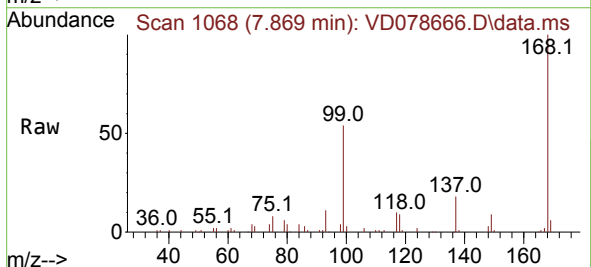
Tgt Ion: 75 Resp: 8852

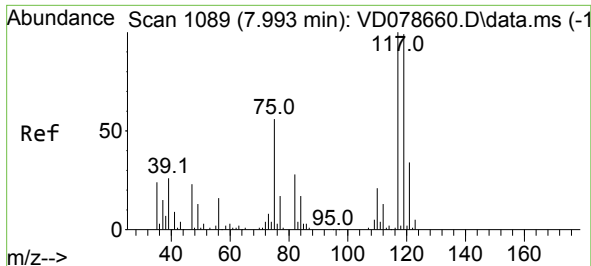
Ion Ratio Lower Upper

75 100

110 11.1 19.1 57.1#

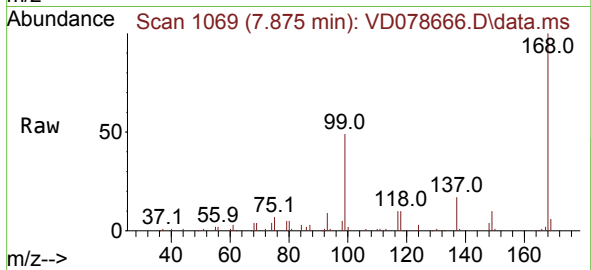
77 0.0 25.4 38.2#



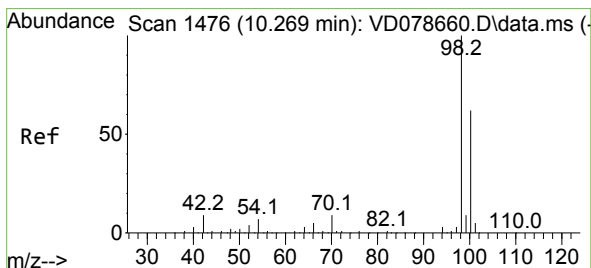
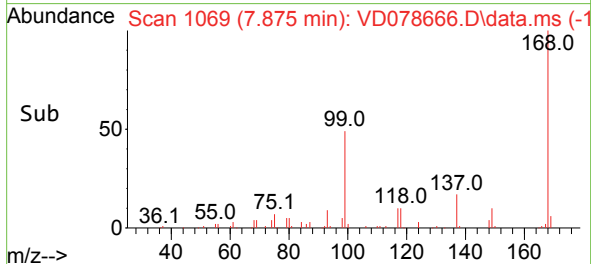
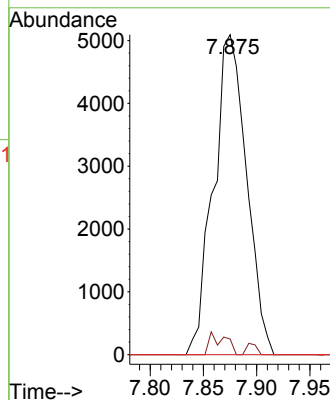


#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078666.D
Acq: 14 Mar 2024 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

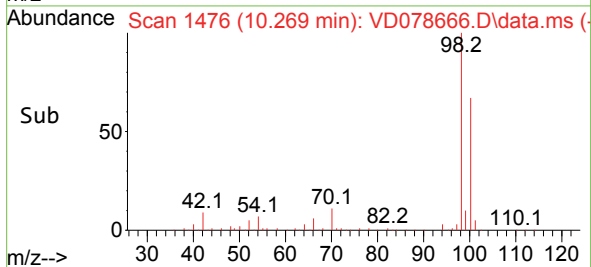
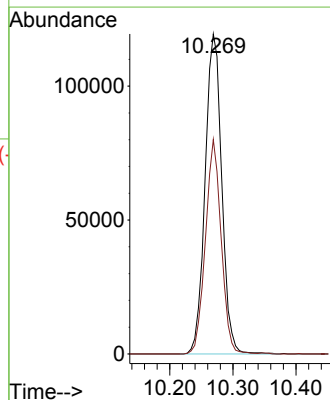
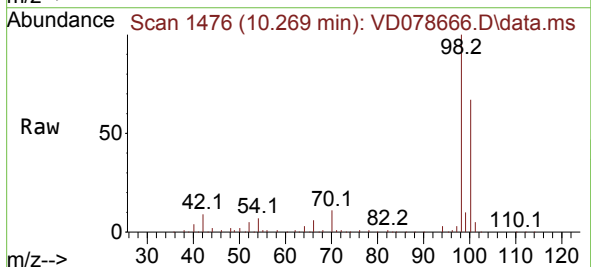


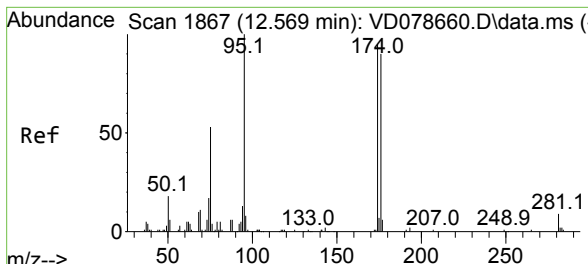
Tgt Ion:117 Resp: 10997
Ion Ratio Lower Upper
117 100
119 4.9 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 44.802 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078666.D
Acq: 14 Mar 2024 15:01

Tgt Ion: 98 Resp: 218653
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7

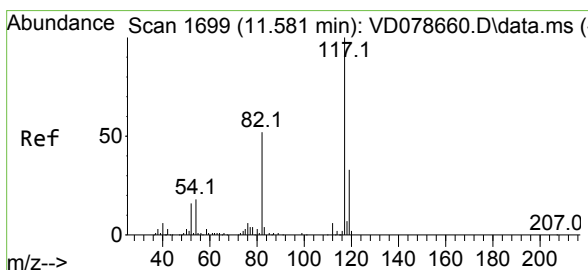
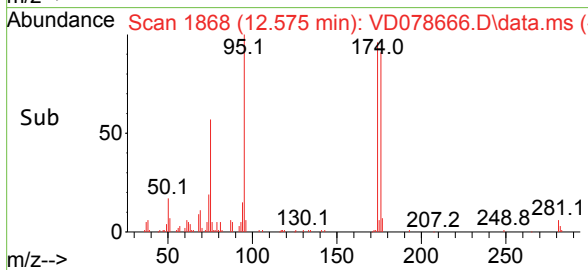
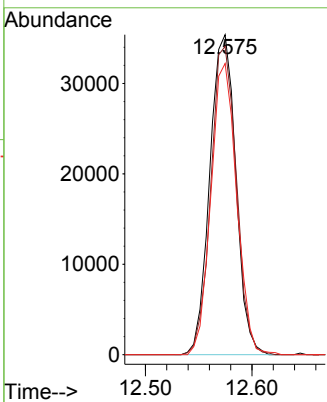
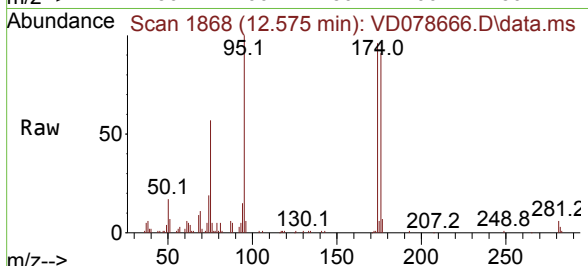




#62
 4-Bromofluorobenzene
 Concen: 41.907 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078666.D
 Acq: 14 Mar 2024 15:01

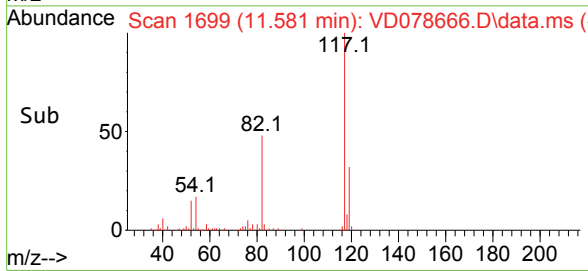
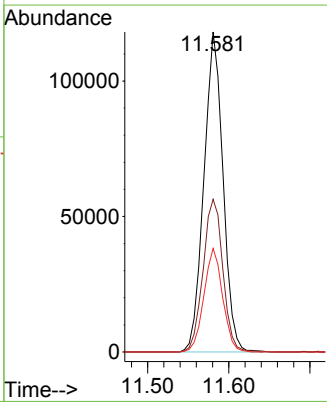
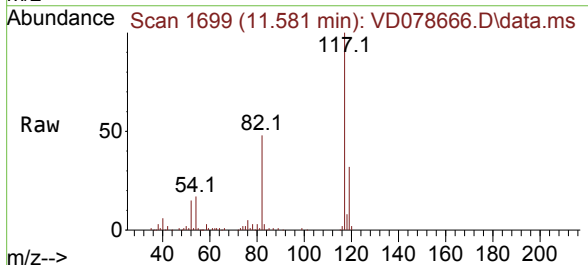
Instrument :
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 ClientSampleId :
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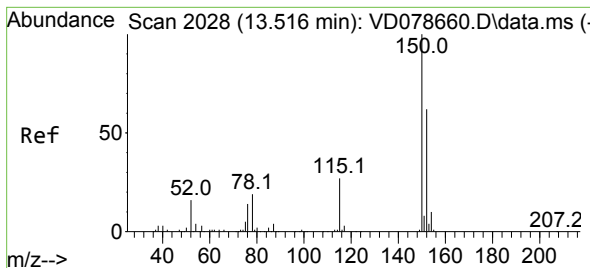
Tgt Ion:	95	Resp:	59834
Ion Ratio	Lower	Upper	
95	100		
174	94.9	0.0	195.2
176	90.2	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078666.D
 Acq: 14 Mar 2024 15:01

Tgt Ion:	117	Resp:	192976
Ion Ratio	Lower	Upper	
117	100		
82	47.7	41.4	62.2
119	32.3	26.5	39.7

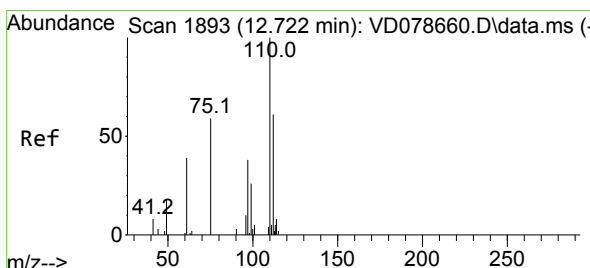
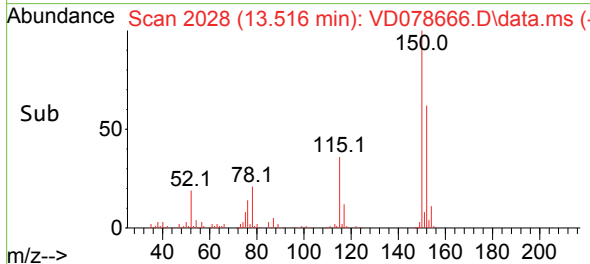
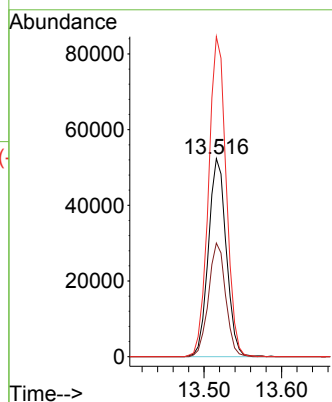
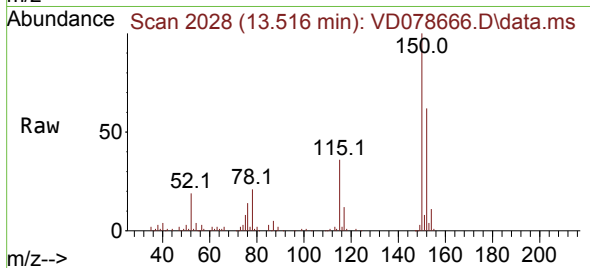




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078666.D
 Acq: 14 Mar 2024 15:01

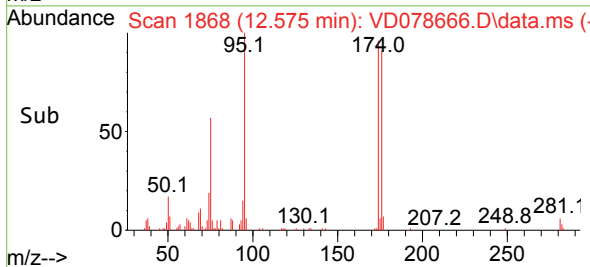
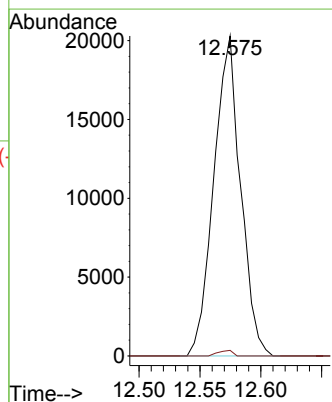
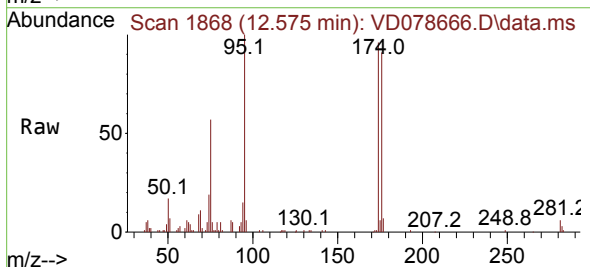
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01

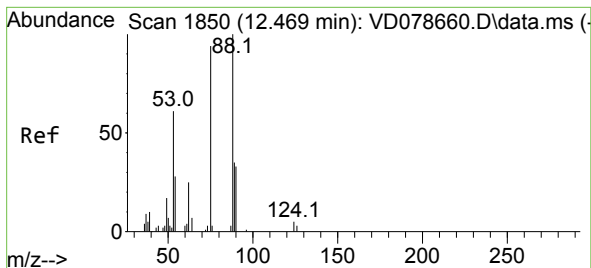
Tgt Ion:152 Resp: 83729
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.1 81.2
 150 159.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.065 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078666.D
 Acq: 14 Mar 2024 15:01

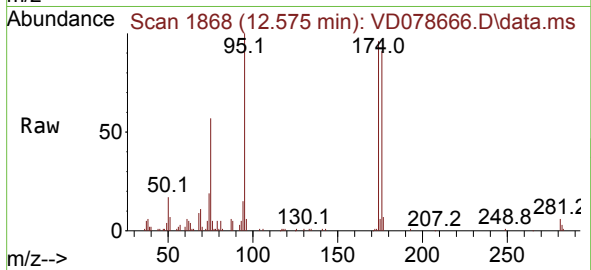
Tgt Ion: 75 Resp: 31006
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.753 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078666.D
 Acq: 14 Mar 2024 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01



Tgt Ion:	75	Resp:	31006
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

