

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078367.D
 Acq On : 08 Feb 2024 14:09
 Operator : RP/MD
 Sample : VD0208SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

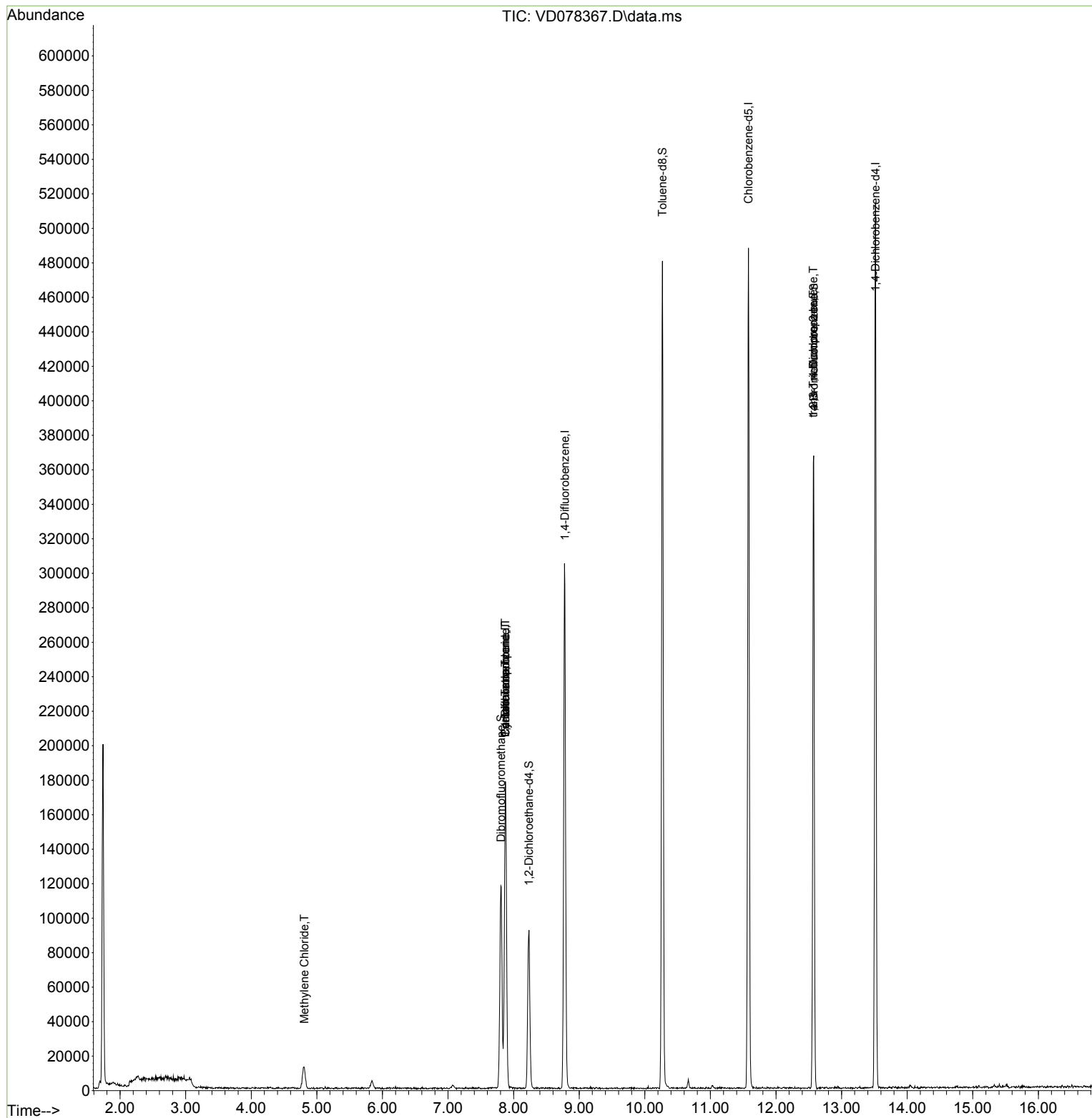
Internal Standards						
1) Pentafluorobenzene	7.875	168	130876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	265444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73332	45.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.520%
35) Dibromofluoromethane	7.811	113	85541	45.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.269	98	328991	45.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.960%
62) 4-Bromofluorobenzene	12.575	95	114731	53.546	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.100%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	319	Below Cal	#	32
20) Methylene Chloride	4.811	84	9829	2.300	ug/l	89
31) Cyclohexane	7.875	56	3083	1.016	ug/l	# 28
36) 1,1-Dichloropropene	7.875	75	11772	3.757	ug/l	# 45
38) Carbon Tetrachloride	7.875	117	13595	4.412	ug/l	# 17
76) 1,2,3-Trichloropropane	12.569	75	62151	45.316	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	62151	90.126	ug/l	# 17

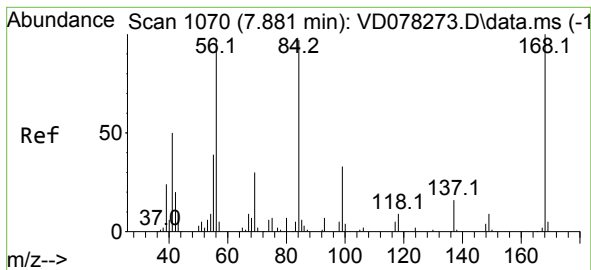
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078367.D

Acq: 08 Feb 2024 14:09

Instrument :

MSVOA_D

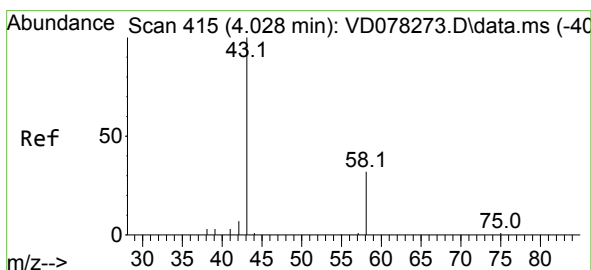
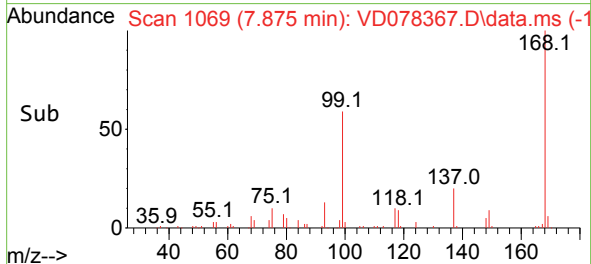
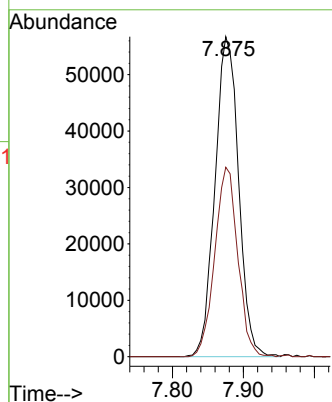
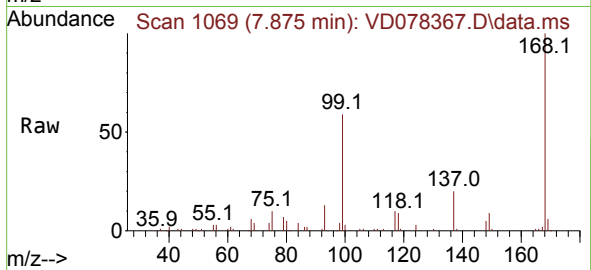
ClientSampleId :

Tgt Ion:168 Resp: 130876

Ion Ratio Lower Upper

168 100

99 59.2 36.7 55.1#



#16

Acetone

Concen: Below Cal

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078367.D

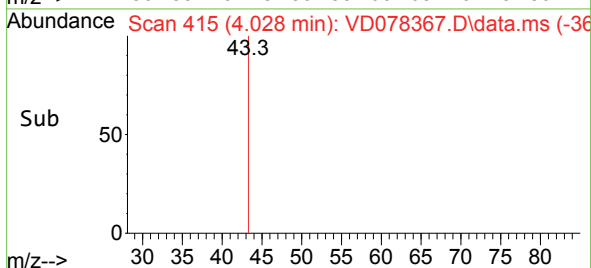
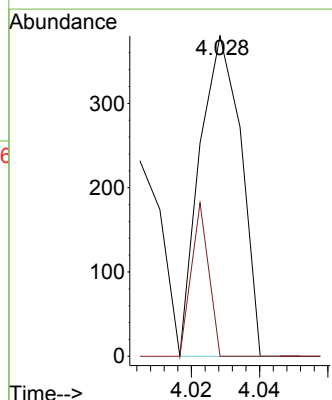
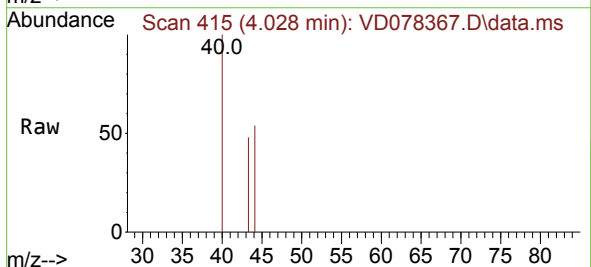
Acq: 08 Feb 2024 14:09

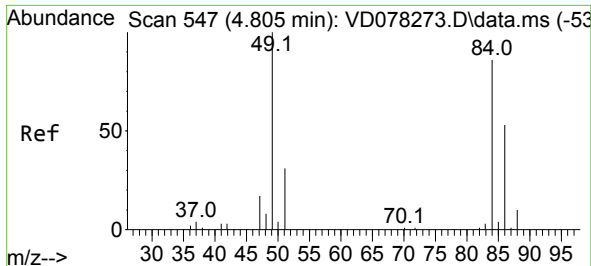
Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

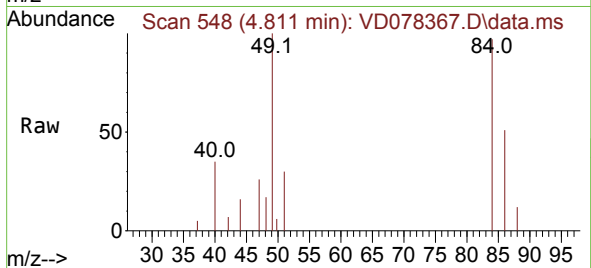
58 0.0 34.7 52.1#



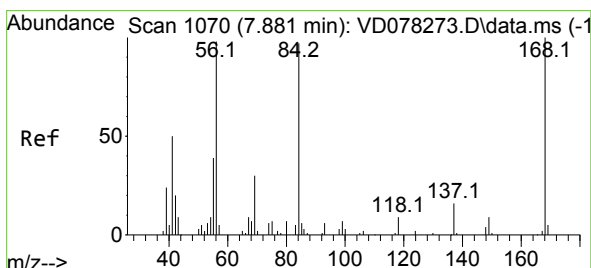
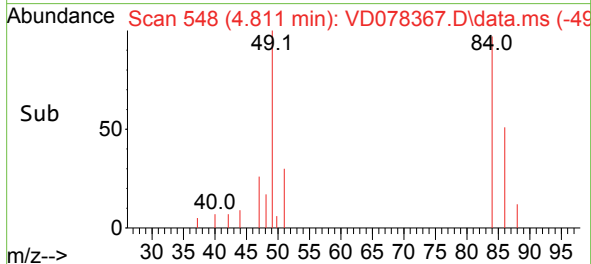
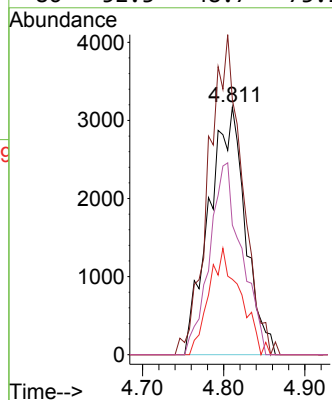


#20
Methylene Chloride
Concen: 2.300 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Instrument :
MSVOA_D
ClientSampleId :

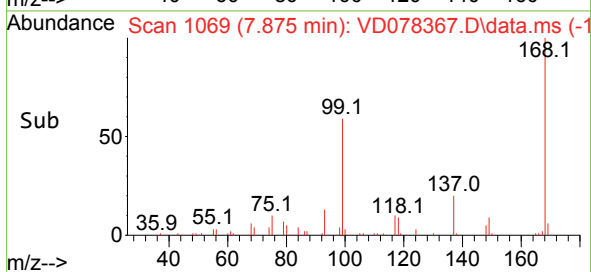
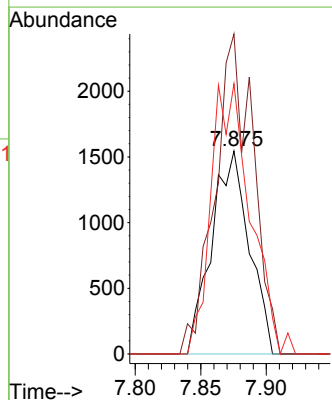
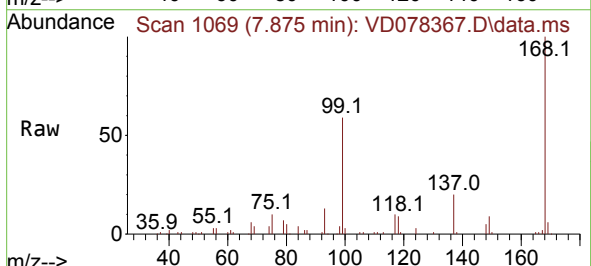


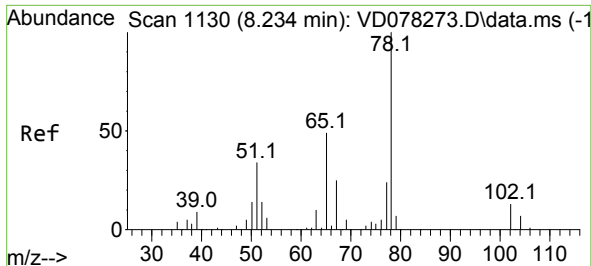
Tgt Ion: 84	Resp: 9829
Ion Ratio	Lower Upper
84 100	
49 103.1	71.4 107.2
51 30.4	24.5 36.7
86 52.3	48.7 73.1



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Tgt Ion: 56	Resp: 3083		
Ion Ratio	Lower	Upper	
56	100		
69	157.7	28.6	43.0#
84	133.1	84.8	127.2#

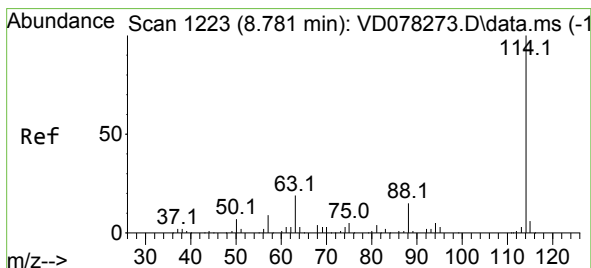
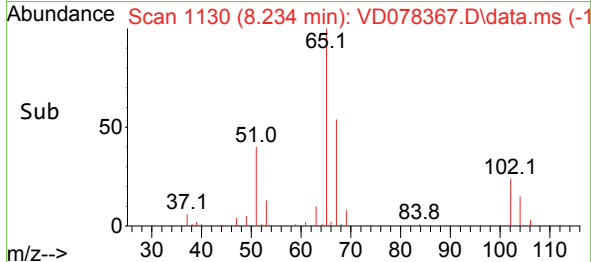
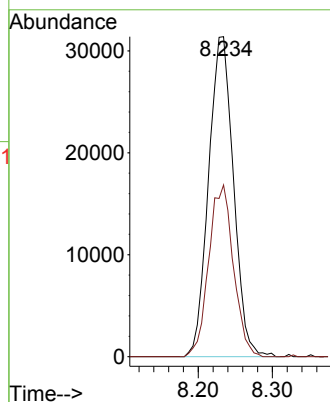
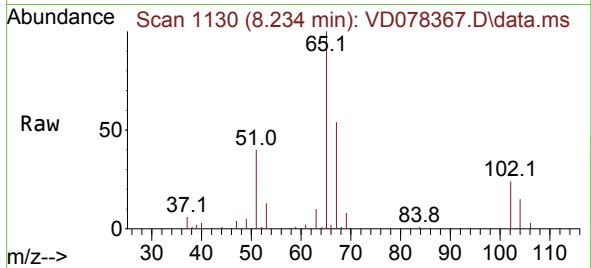




#33
 1,2-Dichloroethane-d4
 Concen: 45.262 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078367.D
 Acq: 08 Feb 2024 14:09

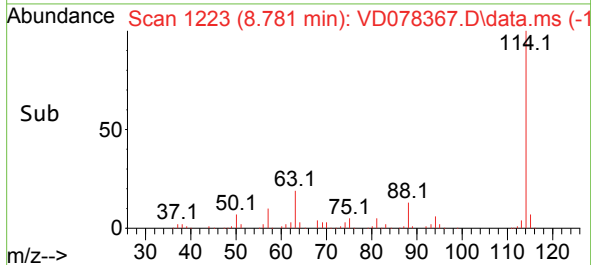
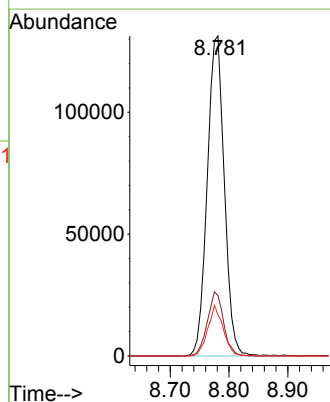
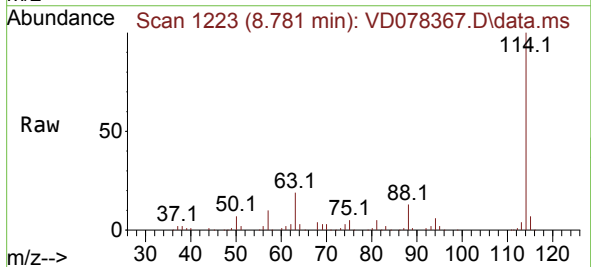
Instrument :
 MSVOA_D
 ClientSampleId :

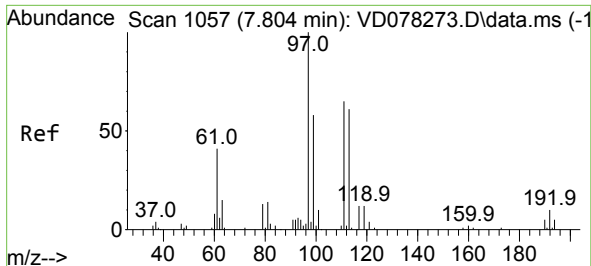
Tgt Ion: 65 Resp: 73332
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078367.D
 Acq: 08 Feb 2024 14:09

Tgt Ion:114 Resp: 265444
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 33.4
 88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.265 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078367.D

Acq: 08 Feb 2024 14:09

Instrument :

MSVOA_D

ClientSampleId :

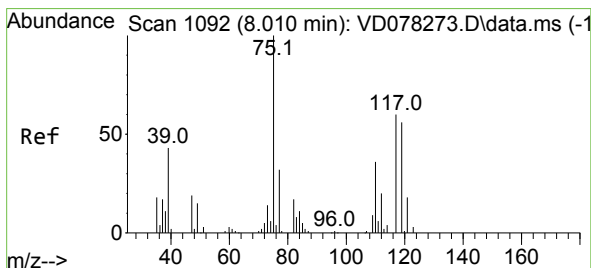
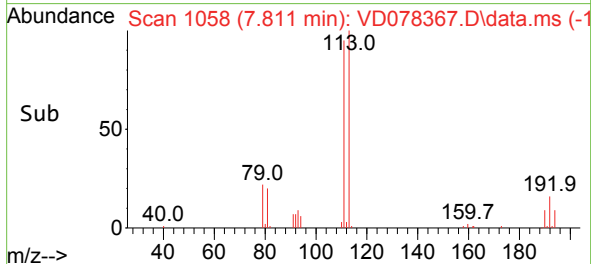
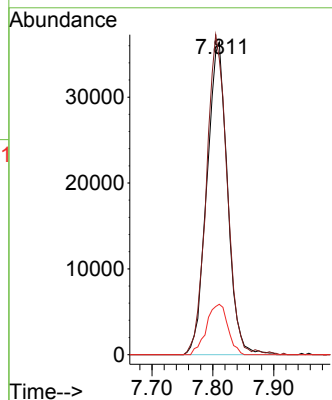
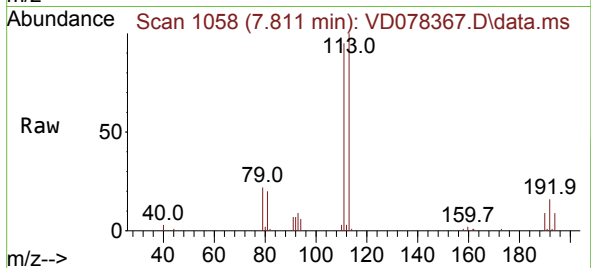
Tgt Ion:113 Resp: 85541

Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 16.7 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 3.757 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078367.D

Acq: 08 Feb 2024 14:09

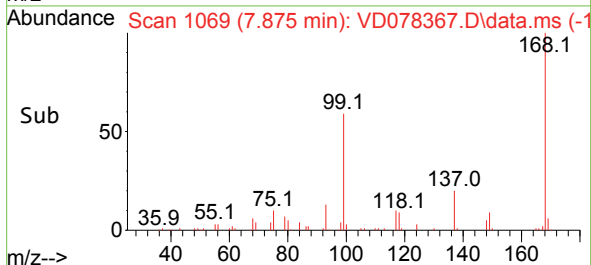
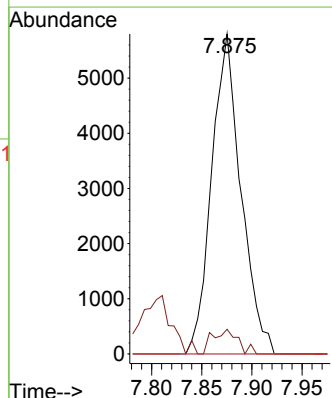
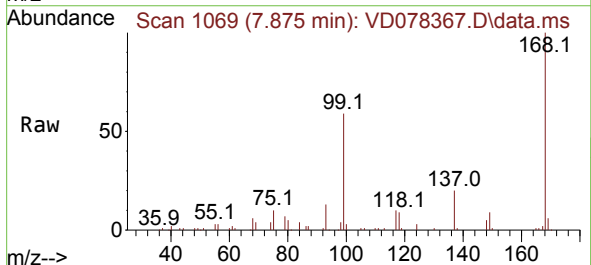
Tgt Ion: 75 Resp: 11772

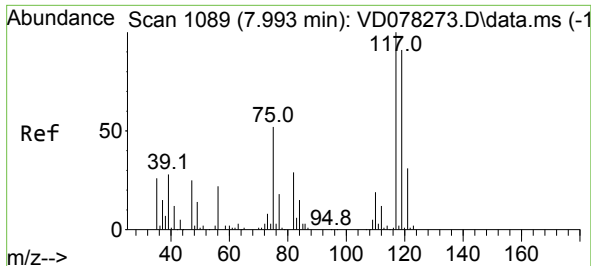
Ion Ratio Lower Upper

75 100

110 6.7 19.9 59.6#

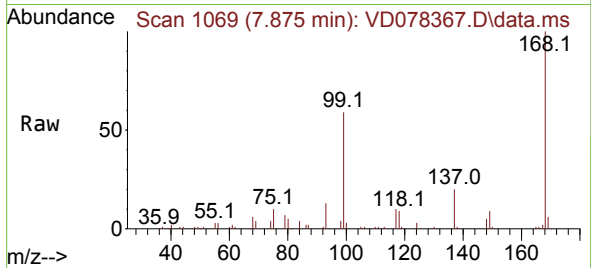
77 0.0 24.7 37.1#



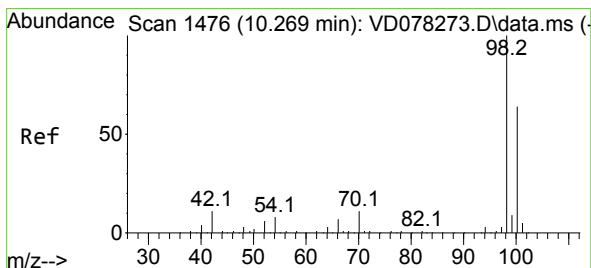
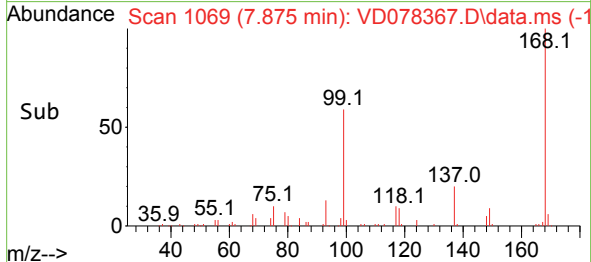
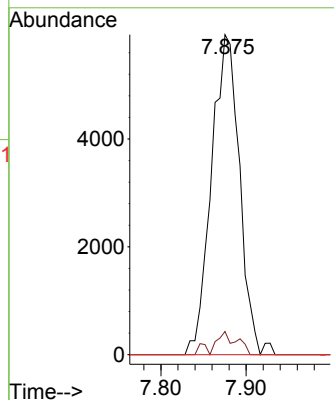


#38
Carbon Tetrachloride
Concen: 4.412 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Instrument :
MSVOA_D
ClientSampleId :

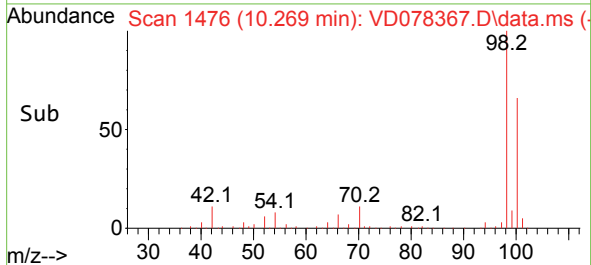
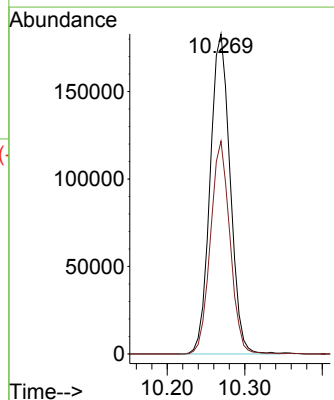
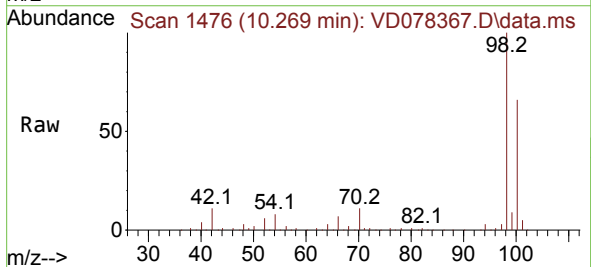


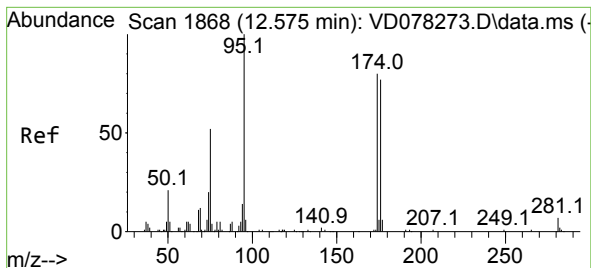
Tgt Ion:117 Resp: 13595
Ion Ratio Lower Upper
117 100
119 7.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.982 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Tgt Ion: 98 Resp: 328991
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

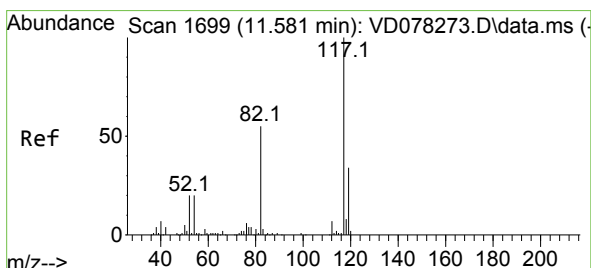
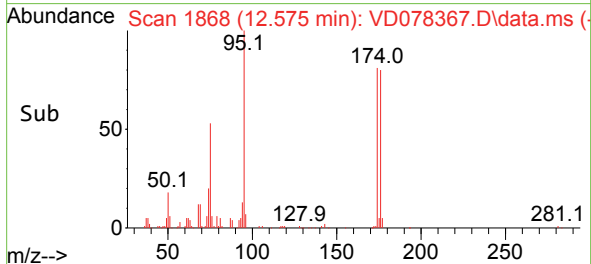
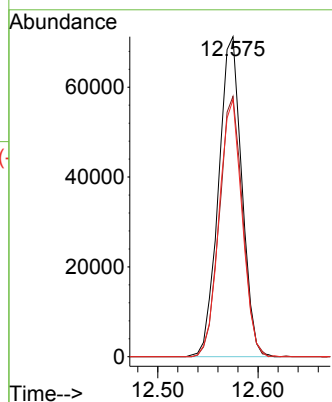
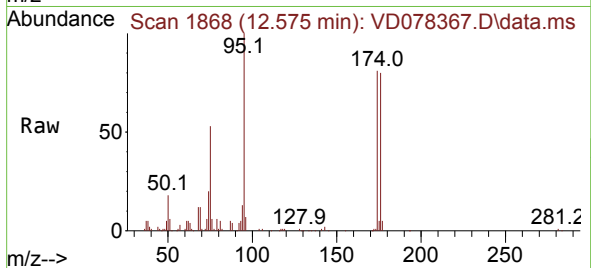




#62
4-Bromofluorobenzene
Concen: 53.546 ug/l
RT: 12.575 min Scan# 114731
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

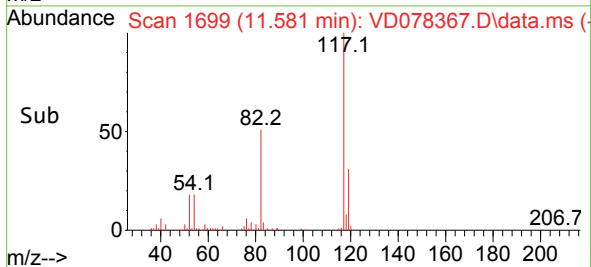
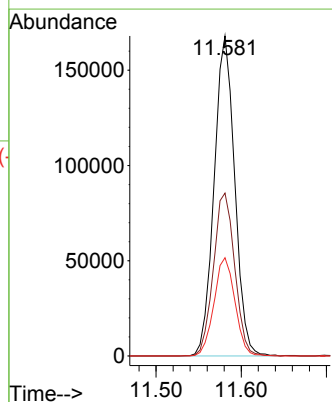
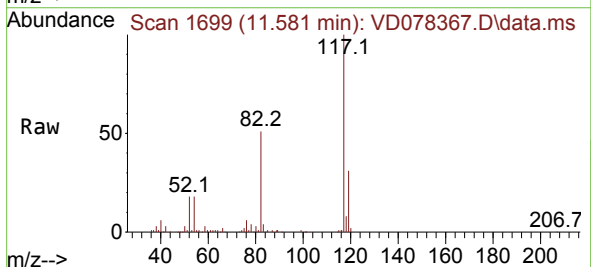
Instrument :
MSVOA_D
ClientSampleId :

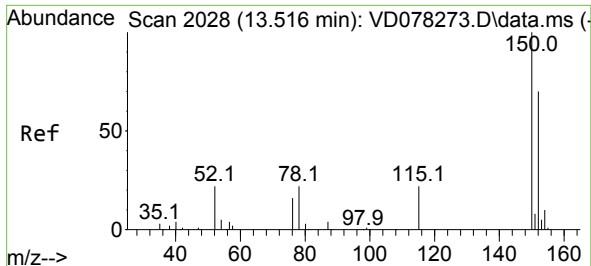
Tgt Ion: 95 Resp: 114731
Ion Ratio Lower Upper
95 100
174 80.9 0.0 201.8
176 79.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Tgt Ion: 117 Resp: 282108
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 30.7 25.0 37.4

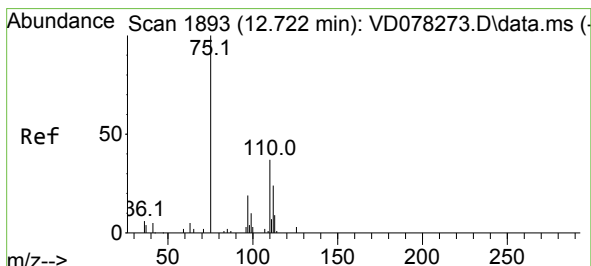
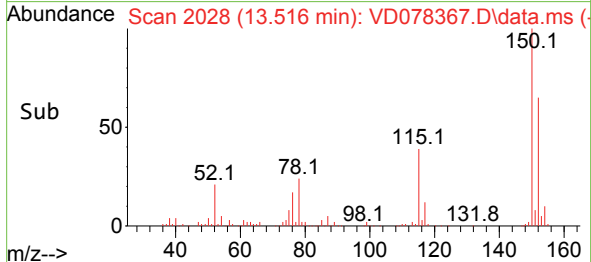
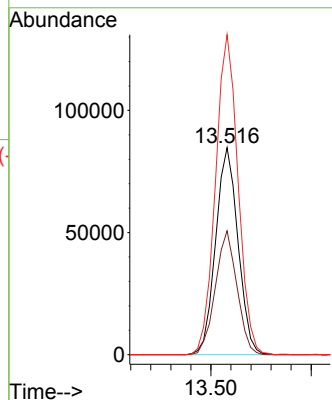
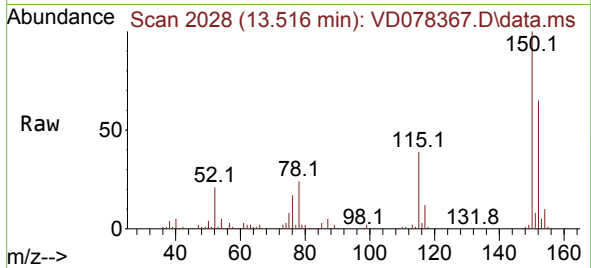




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078367.D
 Acq: 08 Feb 2024 14:09

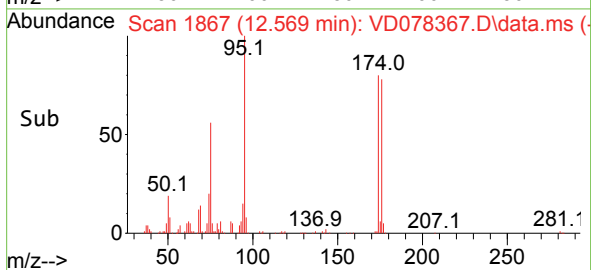
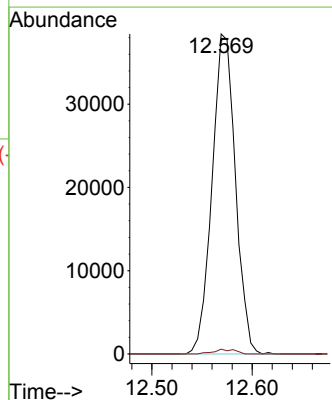
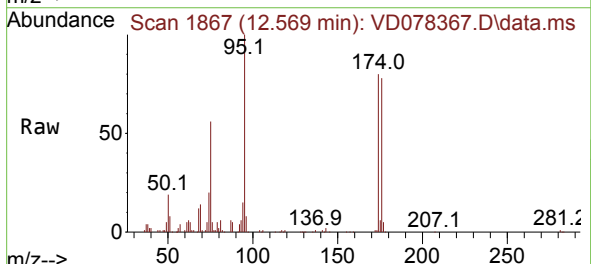
Instrument :
 MSVOA_D
 ClientSampleId :

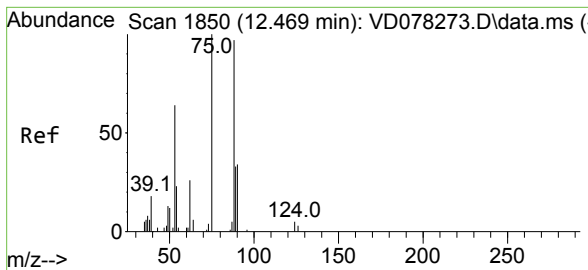
Tgt Ion:152 Resp: 131219
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.1 81.3
 150 155.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 45.316 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078367.D
 Acq: 08 Feb 2024 14:09

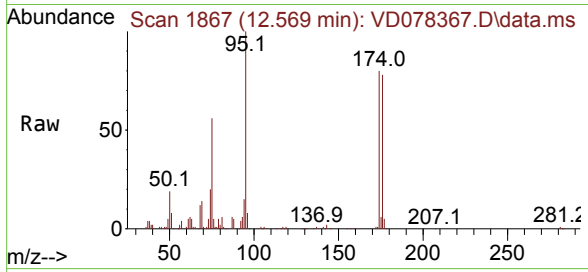
Tgt Ion: 75 Resp: 62151
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.126 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078367.D
 Acq: 08 Feb 2024 14:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	62151
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

