

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078629.D
 Acq On : 11 Mar 2024 14:17
 Operator : RP/MD
 Sample : P1725-01
 Misc : 3.95G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

Quant Time: Mar 12 01:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

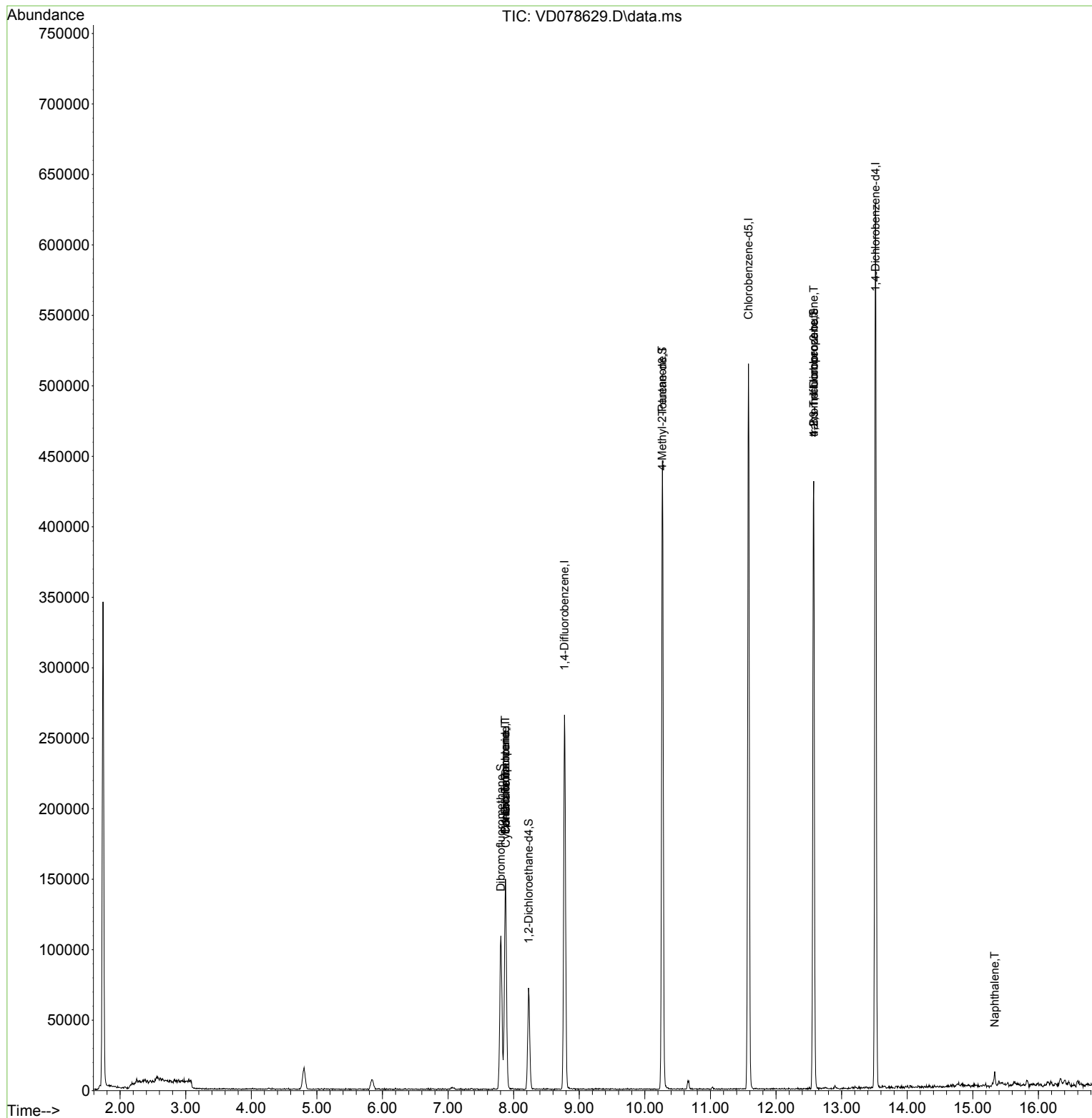
Internal Standards						
1) Pentafluorobenzene	7.875	168	115429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52102	45.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.060%
35) Dibromofluoromethane	7.804	113	77628	48.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.269	98	314943	50.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.575	95	135473	76.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	152.340%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.193	50	65	Below Cal	#	41
20) Methylene Chloride	4.805	84	12279	Below Cal	#	86
31) Cyclohexane	7.881	56	2507	1.400	ug/l #	57
36) 1,1-Dichloropropene	7.875	75	8844	3.988	ug/l #	45
38) Carbon Tetrachloride	7.875	117	11191	4.825	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	832	1.170	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	69032	52.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	69032	112.171	ug/l #	17
95) Naphthalene	15.333	128	8505	1.694	ug/l #	93

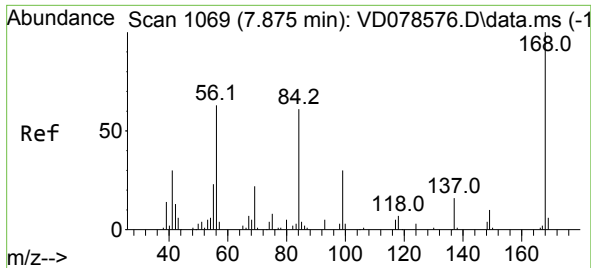
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
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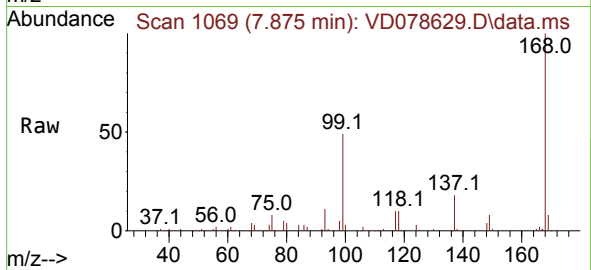
Quant Time: Mar 12 01:38:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
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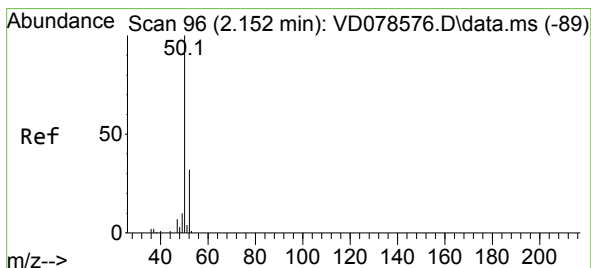
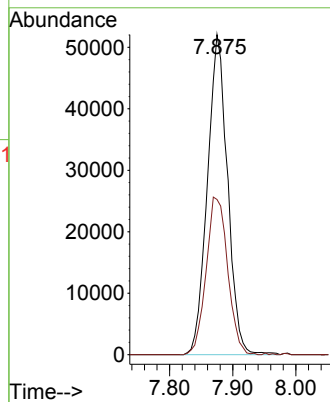
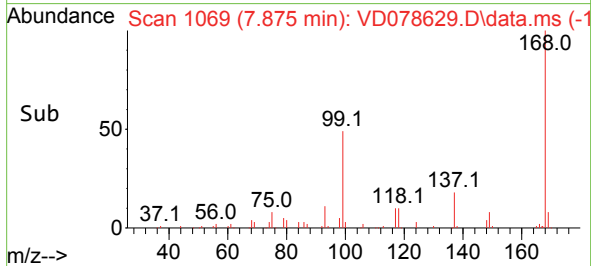


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Instrument :
MSVOA_D
ClientSampleId :
RT-3860

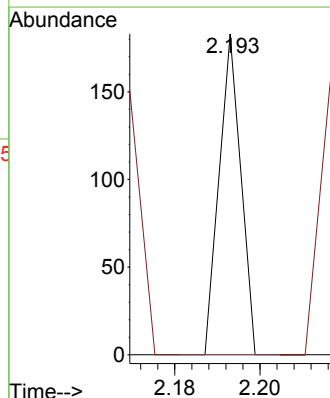
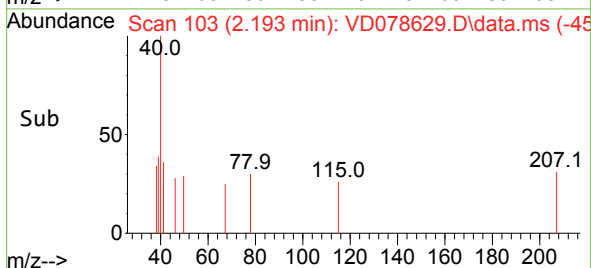
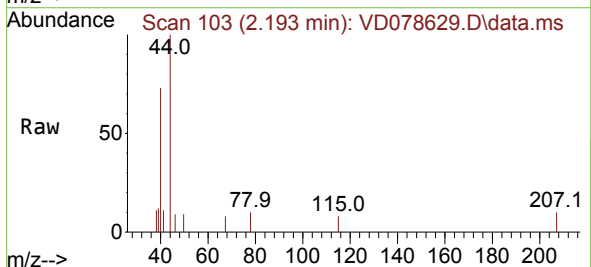


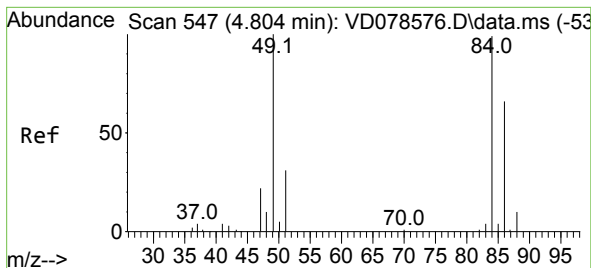
Tgt Ion:168 Resp: 115429
Ion Ratio Lower Upper
168 100
99 48.5 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.193 min Scan# 103
Delta R.T. 0.041 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion: 50 Resp: 65
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 54

Delta R.T. 0.001 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

Tgt Ion: 84 Resp: 12279

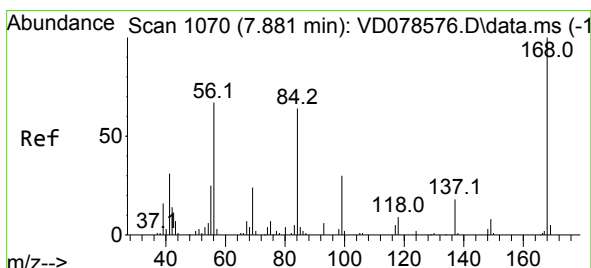
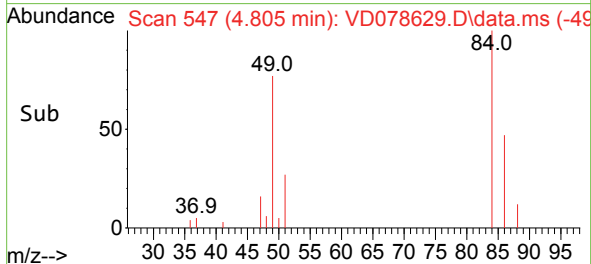
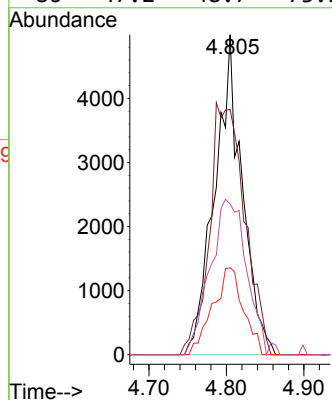
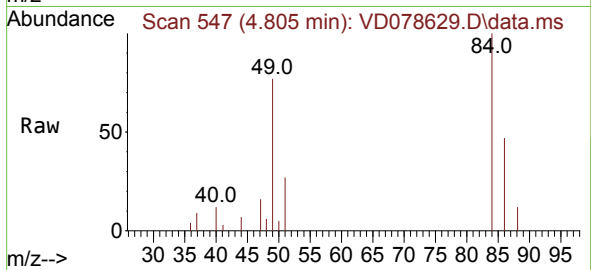
Ion Ratio Lower Upper

84 100

49 76.6 71.4 107.2

51 27.1 24.5 36.7

86 47.2 48.7 73.1#



#31

Cyclohexane

Concen: 1.400 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

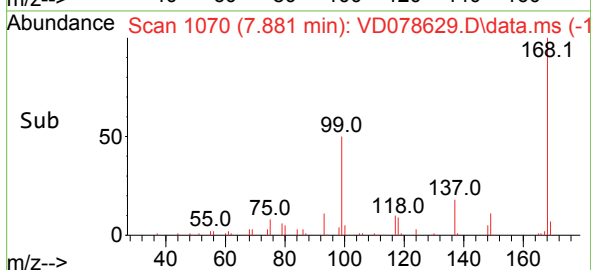
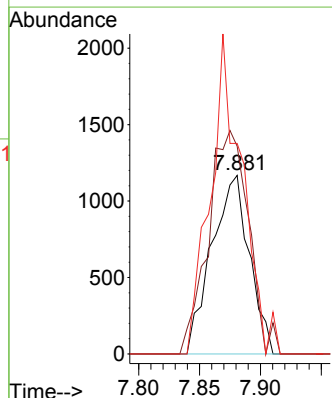
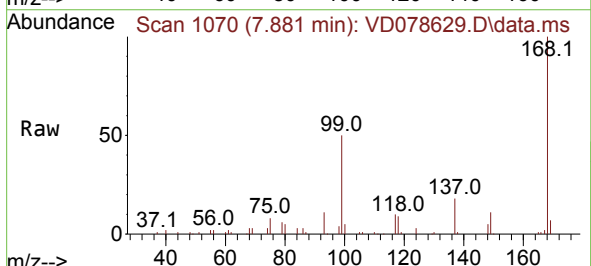
Tgt Ion: 56 Resp: 2507

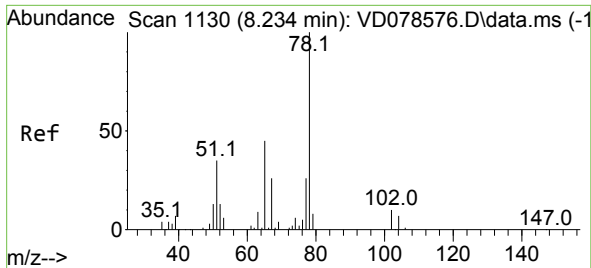
Ion Ratio Lower Upper

56 100

69 116.3 28.6 43.0#

84 117.9 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 45.534 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

Instrument :

MSVOA_D

ClientSampleId :

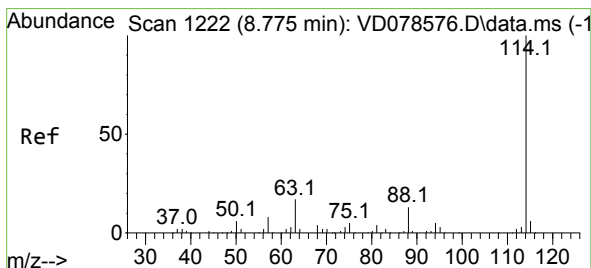
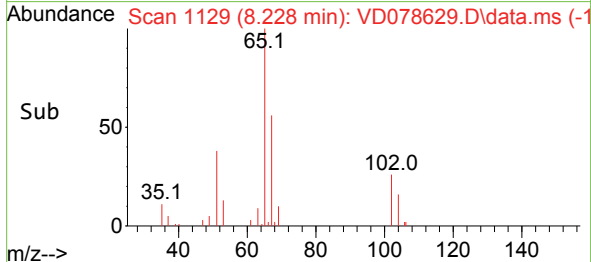
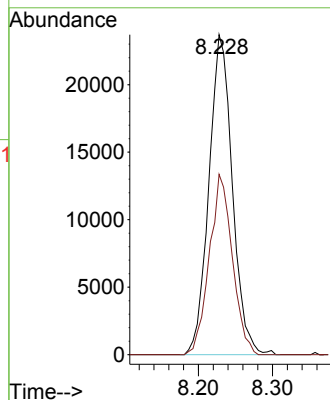
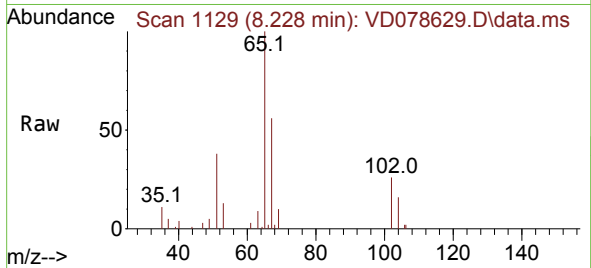
RT-3860

Tgt Ion: 65 Resp: 52102

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

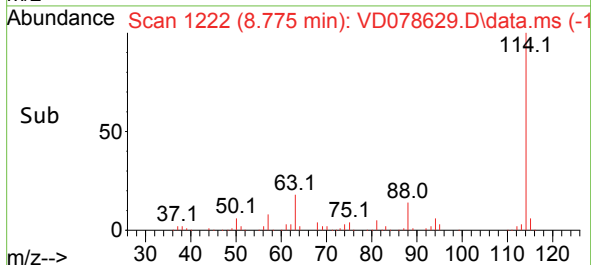
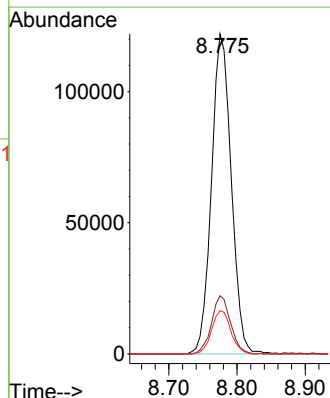
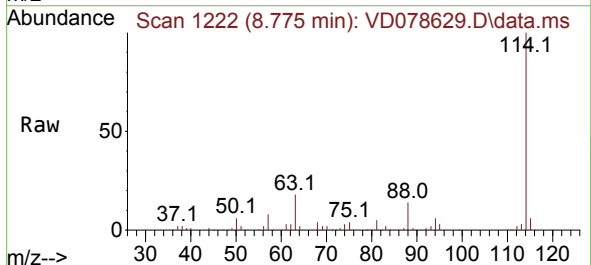
Tgt Ion: 114 Resp: 246356

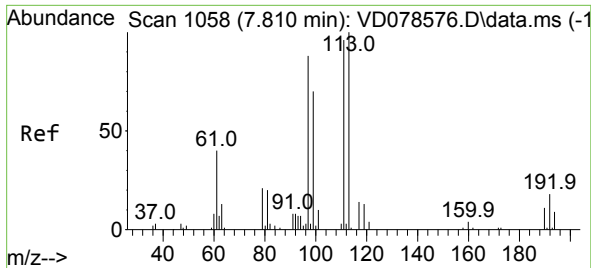
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.6 0.0 26.2

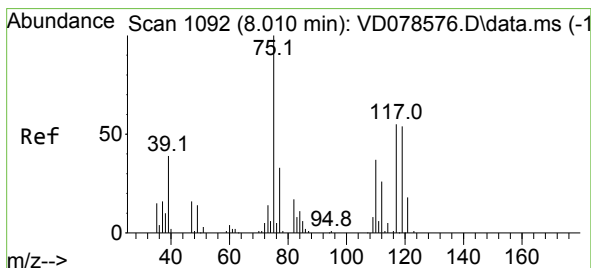
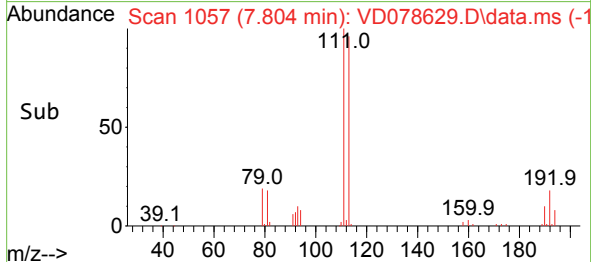
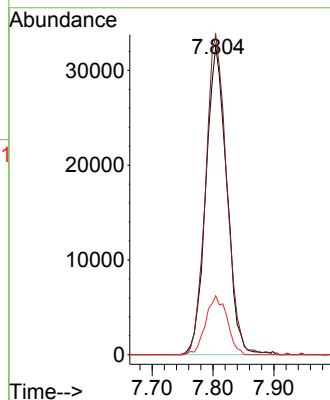
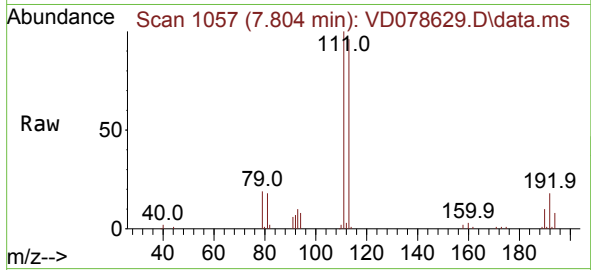




#35
 Dibromofluoromethane
 Concen: 48.441 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078629.D
 Acq: 11 Mar 2024 14:17

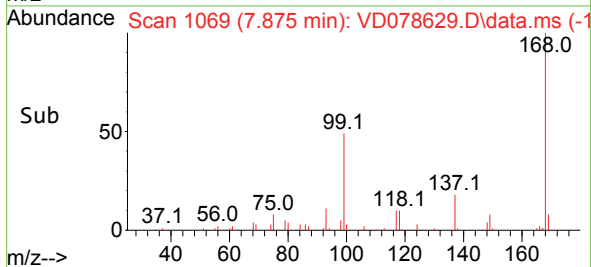
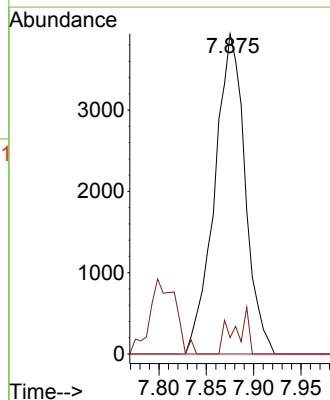
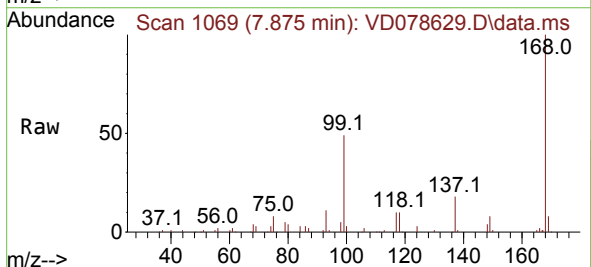
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

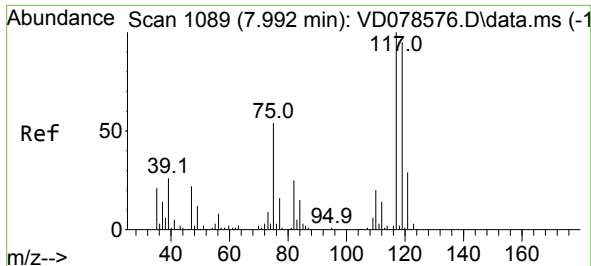
Tgt Ion:113 Resp: 77628
 Ion Ratio Lower Upper
 113 100
 111 104.7 84.7 127.1
 192 19.5 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 3.988 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078629.D
 Acq: 11 Mar 2024 14:17

Tgt Ion: 75 Resp: 8844
 Ion Ratio Lower Upper
 75 100
 110 6.7 19.9 59.6#
 77 0.0 24.7 37.1#

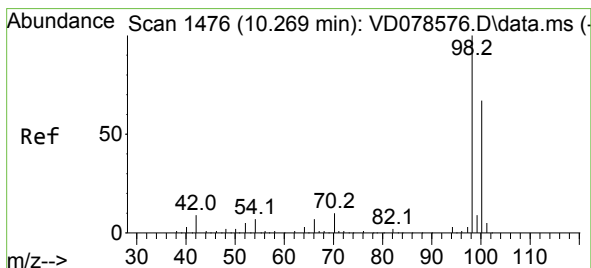
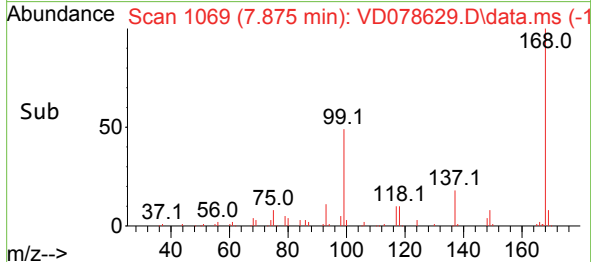
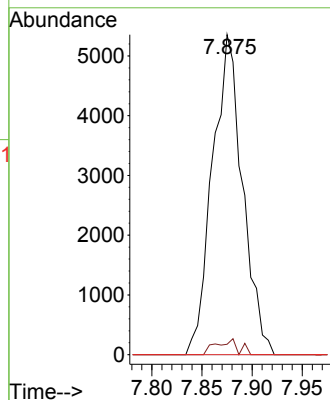
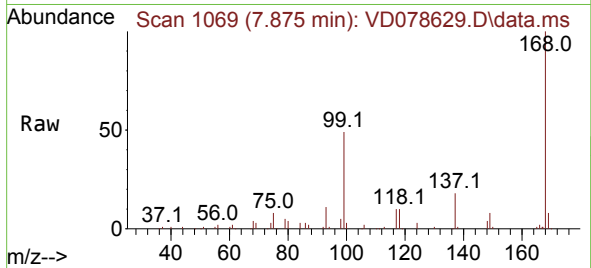




#38
Carbon Tetrachloride
Concen: 4.825 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

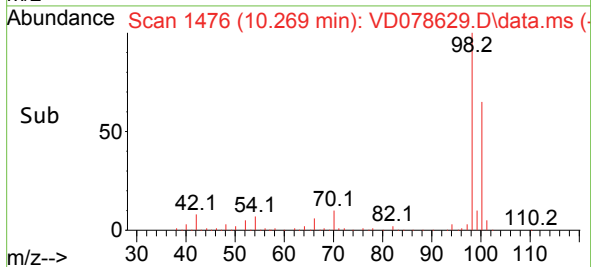
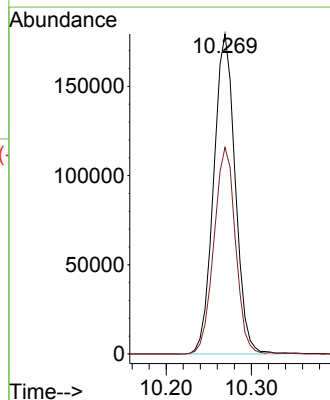
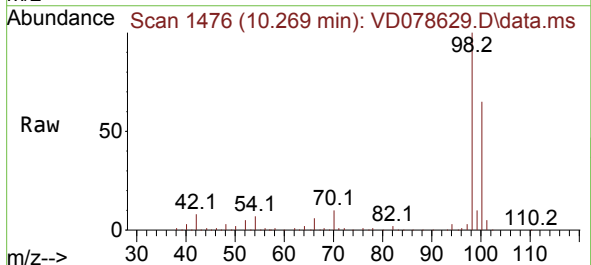
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

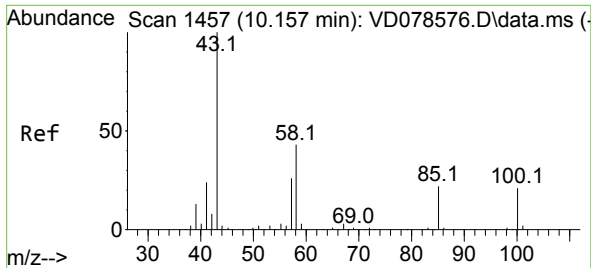
Tgt Ion:117 Resp: 11191
Ion Ratio Lower Upper
117 100
119 3.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.576 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion: 98 Resp: 314943
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

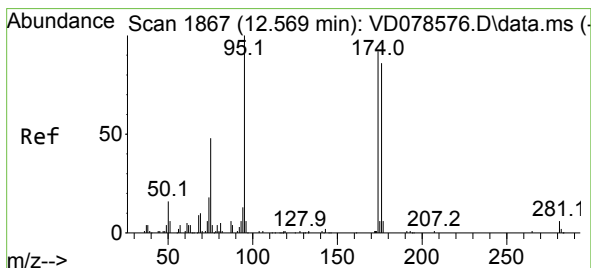
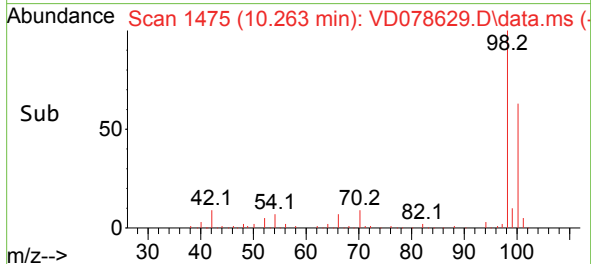
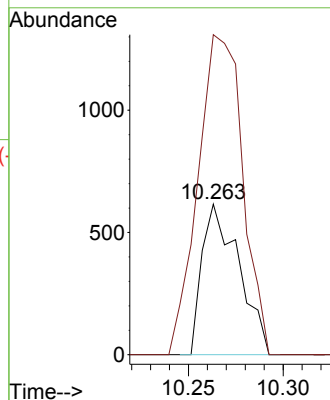
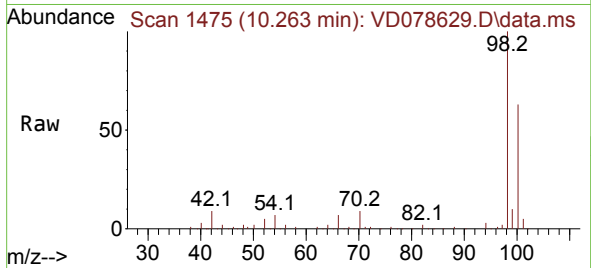




#51
4-Methyl-2-Pentanone
Concen: 1.170 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

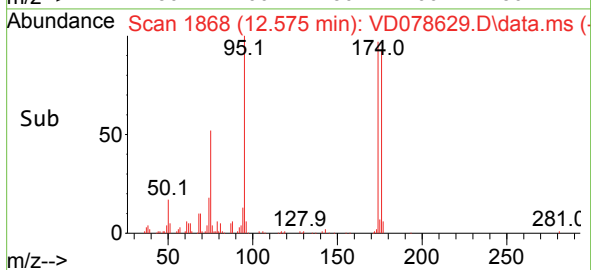
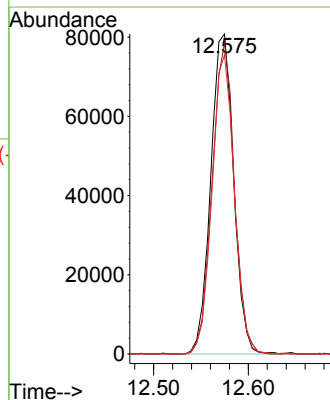
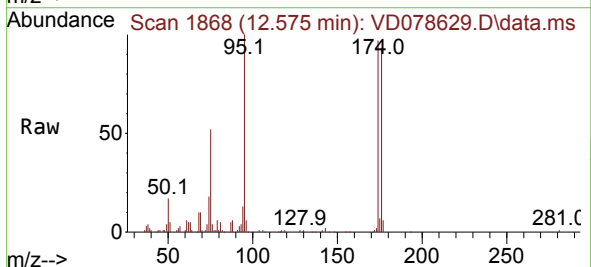
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MSVOA_D
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RT-3860

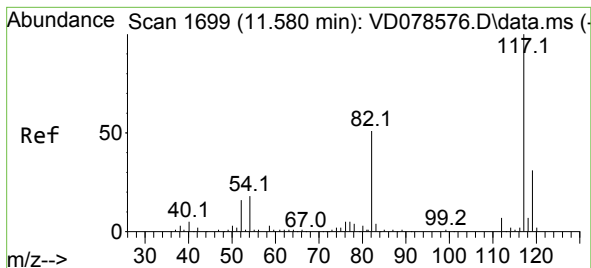
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 258.8 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 76.169 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion: 95 Resp: 135473
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 91.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

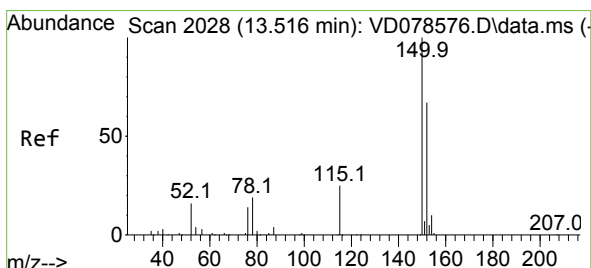
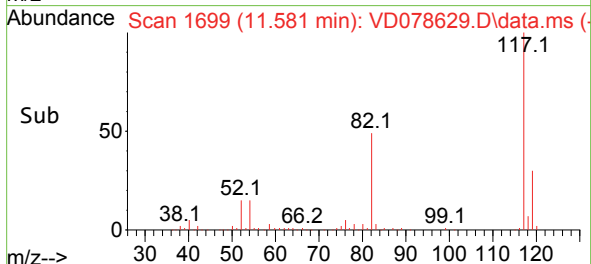
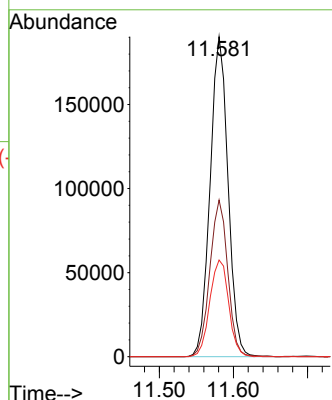
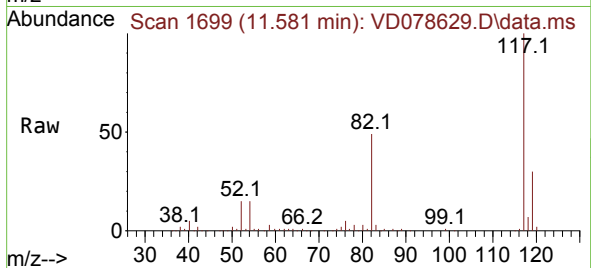
Tgt Ion:117 Resp: 319416

Ion Ratio Lower Upper

117 100

82 48.9 38.3 57.5

119 30.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

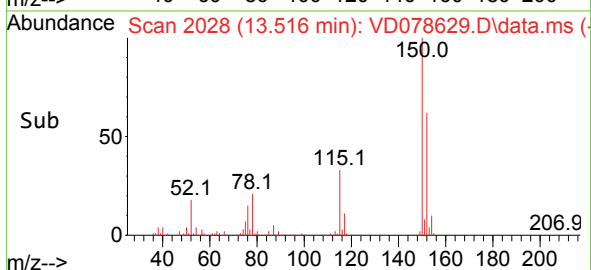
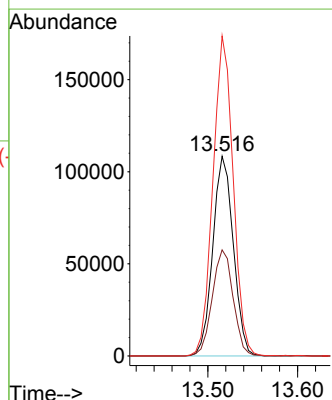
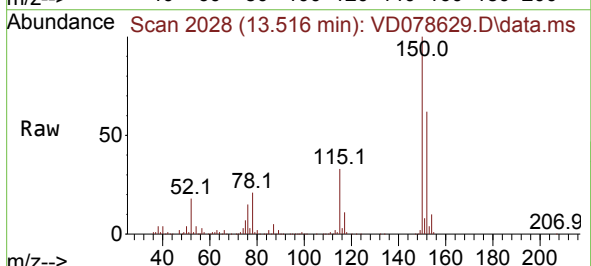
Tgt Ion:152 Resp: 172474

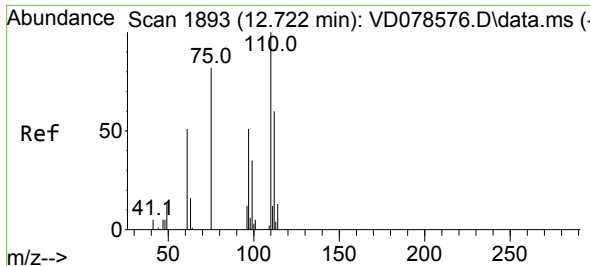
Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.3

150 157.5 0.0 353.6

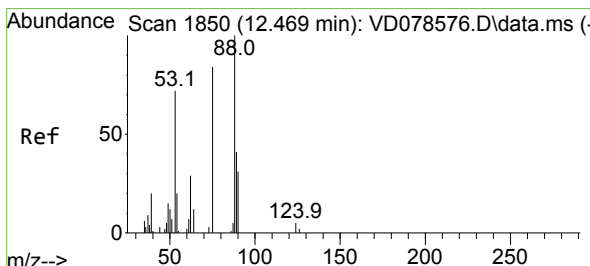
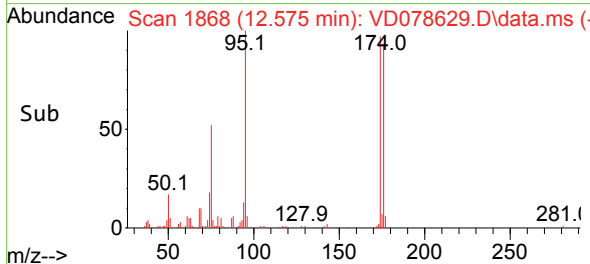
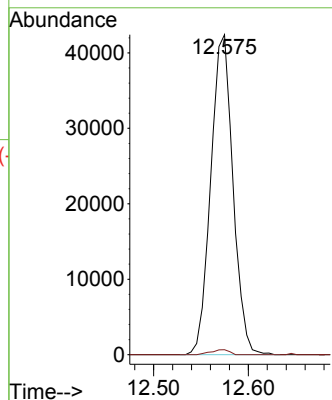
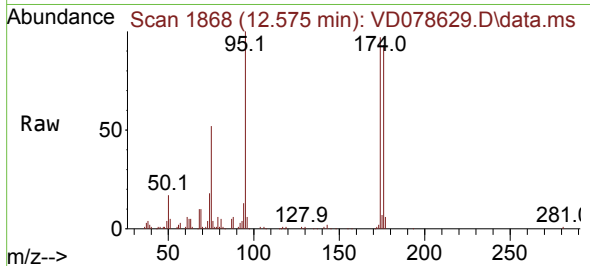




#76
1,2,3-Trichloropropane
Concen: 52.406 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

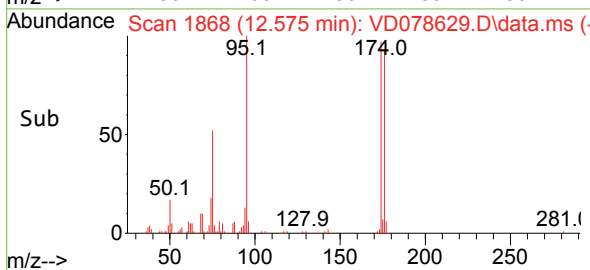
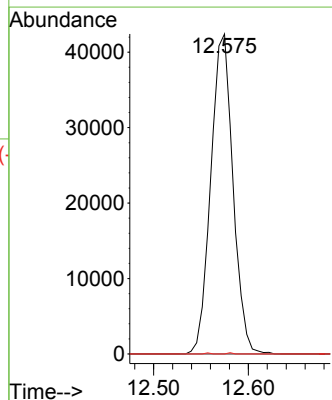
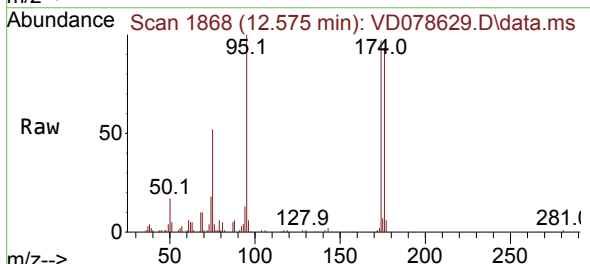
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

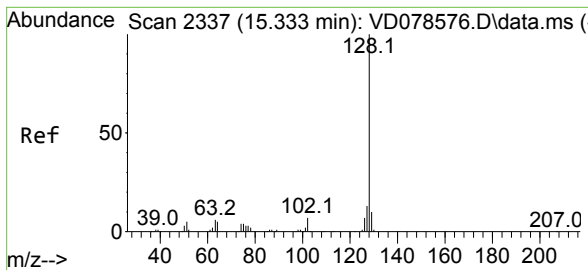
Tgt Ion: 75 Resp: 69032
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.171 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion: 75 Resp: 69032
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#





#95
 Naphthalene
 Concen: 1.694 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078629.D
 Acq: 11 Mar 2024 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

Tgt Ion:	128	Resp:	8505
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	16.4	8.7	13.1#

