

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078123.D
 Acq On : 02 Jan 2024 16:24
 Operator : RP/MD
 Sample : 06039-01RE
 Misc : 5.44G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:07:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

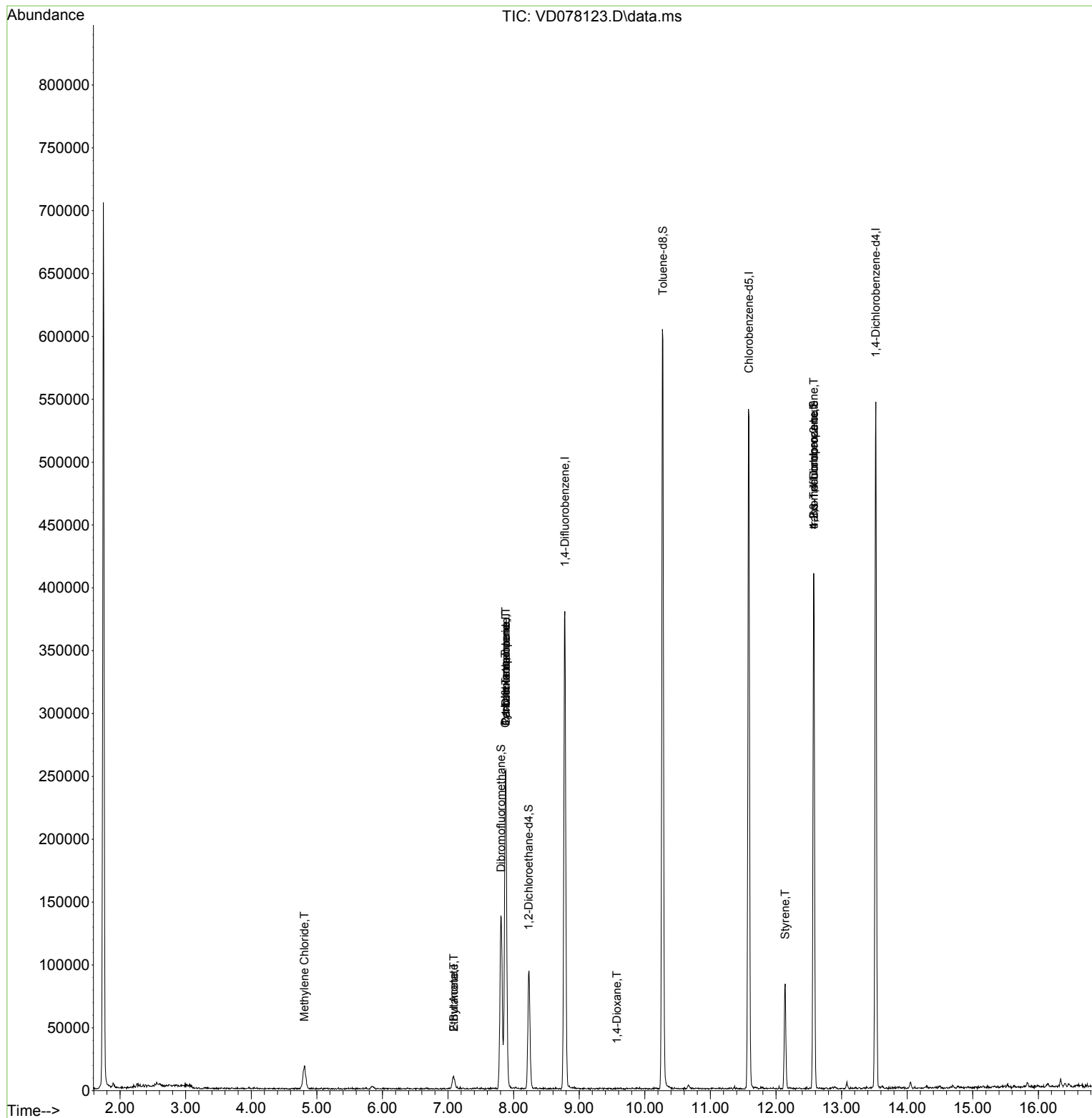
Internal Standards						
1) Pentafluorobenzene	7.881	168	214952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	356055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	334095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	153585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72541	37.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.860%
35) Dibromofluoromethane	7.811	113	103142	45.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.040%
50) Toluene-d8	10.275	98	439641	54.538	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.080%
62) 4-Bromofluorobenzene	12.575	95	125446	48.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.720%
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	517	Below Cal	#	32
20) Methylene Chloride	4.811	84	14678	3.289	ug/l	89
25) 2-Butanone	7.087	43	16610	21.340	ug/l #	84
31) Cyclohexane	7.875	56	4164	1.365	ug/l #	54
36) 1,1-Dichloropropene	7.881	75	15084	4.679	ug/l #	44
37) Ethyl Acetate	7.087	43	16610	15.493	ug/l #	63
38) Carbon Tetrachloride	7.881	117	19734	5.650	ug/l #	14
49) 1,4-Dioxane	9.575	88	54	4.332	ug/l #	12
70) Styrene	12.140	104	43760	6.603	ug/l	97
76) 1,2,3-Trichloropropane	12.575	75	62798	48.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	62798	104.431	ug/l #	17

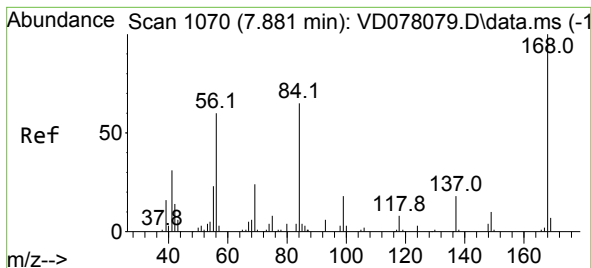
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 03 00:07:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

Instrument :

MSVOA_D

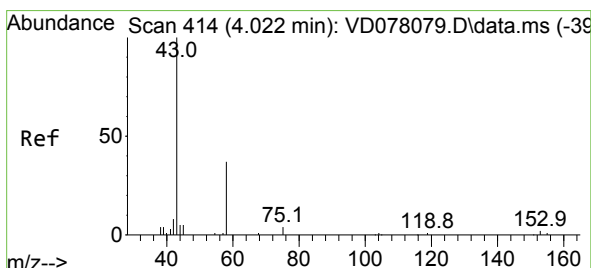
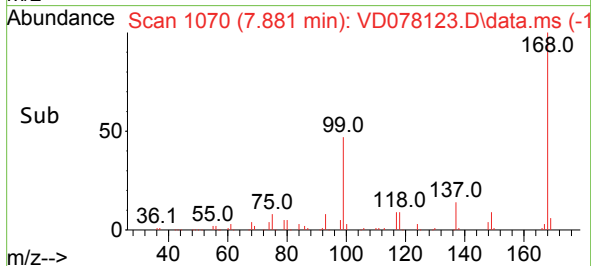
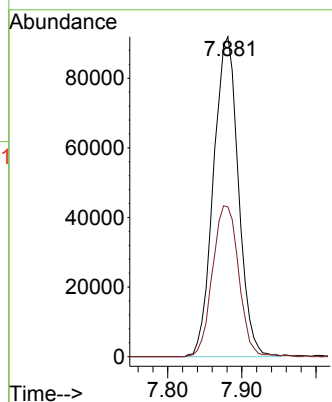
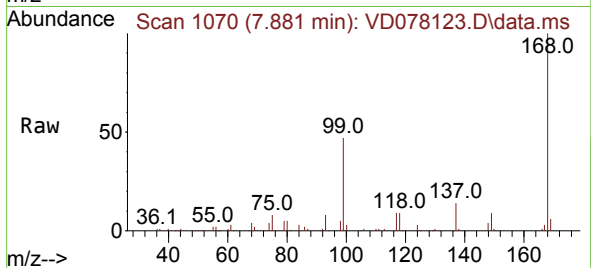
ClientSampleId :

Tgt Ion:168 Resp: 214952

Ion Ratio Lower Upper

168 100

99 46.8 36.7 55.1



#16

Acetone

Concen: Below Cal

RT: 4.017 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD078123.D

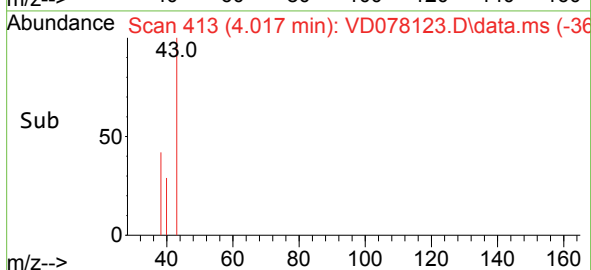
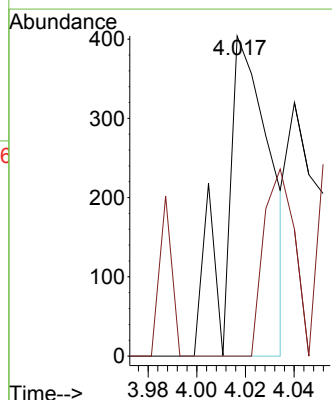
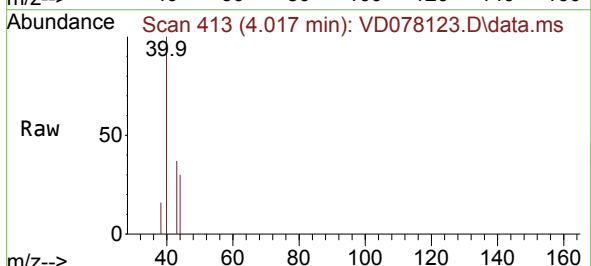
Acq: 02 Jan 2024 16:24

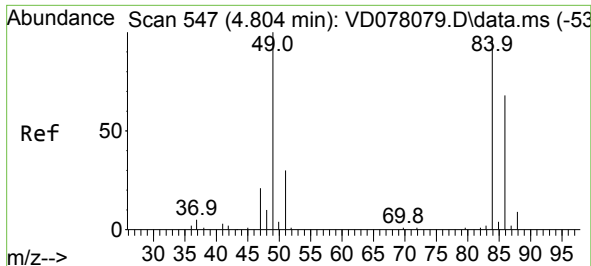
Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

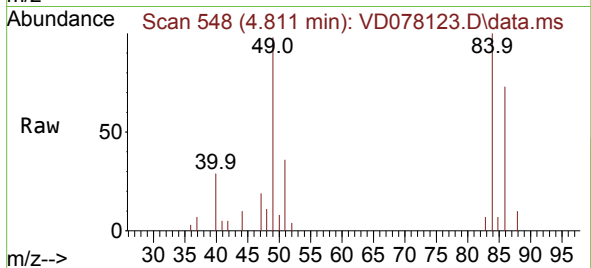
58 0.0 34.7 52.1#





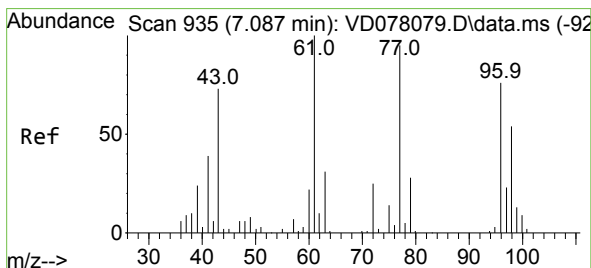
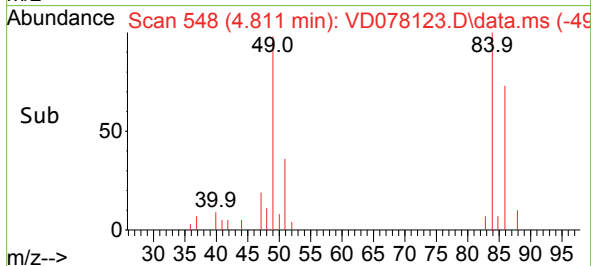
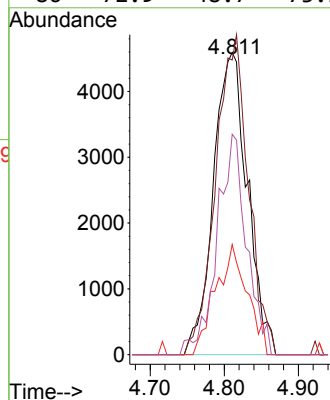
#20
Methylene Chloride
Concen: 3.289 ug/l
RT: 4.811 min Scan# 547
Delta R.T. 0.007 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 14678

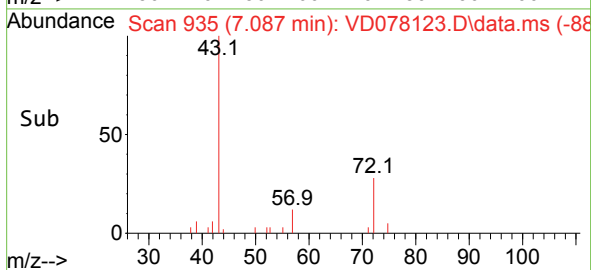
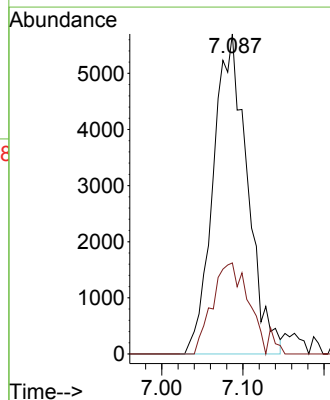
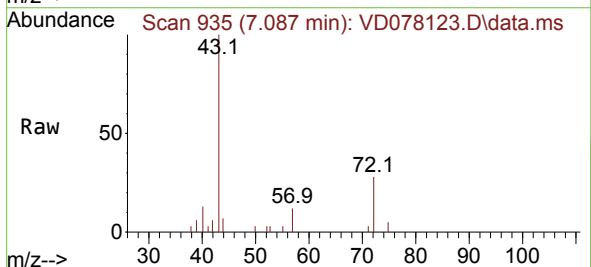
Ion	Ratio	Lower	Upper
84	100		
49	97.5	71.4	107.2
51	36.4	24.5	36.7
86	72.9	48.7	73.1

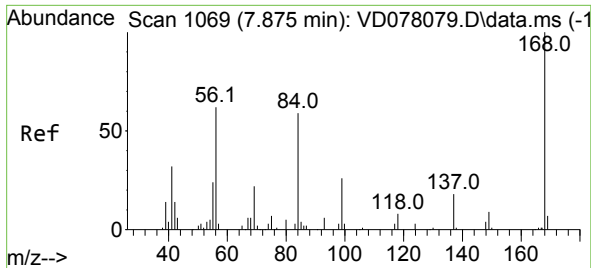


#25
2-Butanone
Concen: 21.340 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Tgt Ion: 43 Resp: 16610

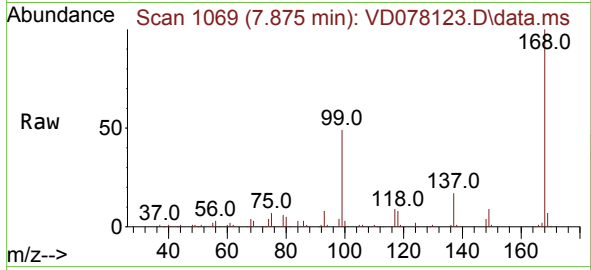
Ion	Ratio	Lower	Upper
43	100		
72	28.5	30.7	46.1#



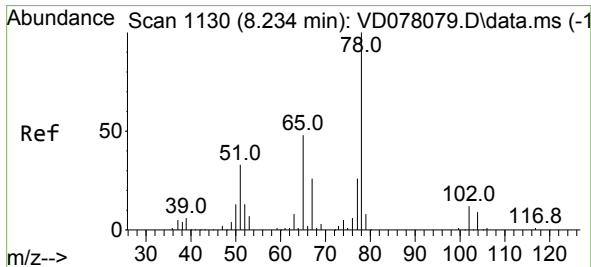
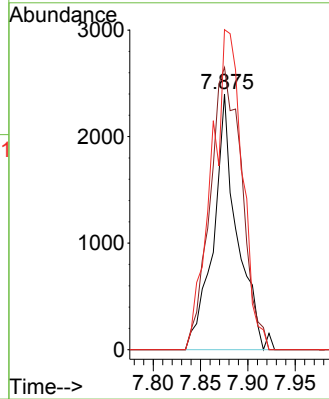
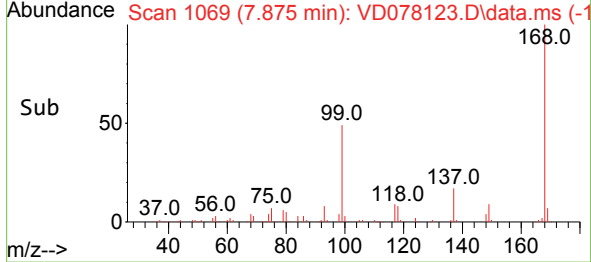


#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

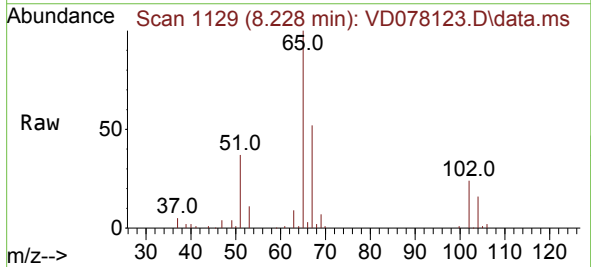
Instrument :
MSVOA_D
ClientSampleId :



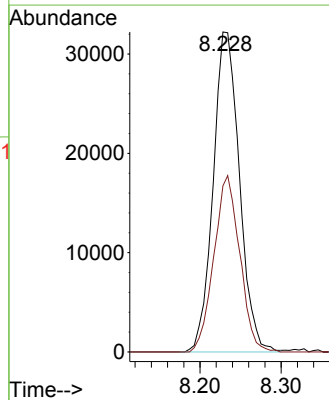
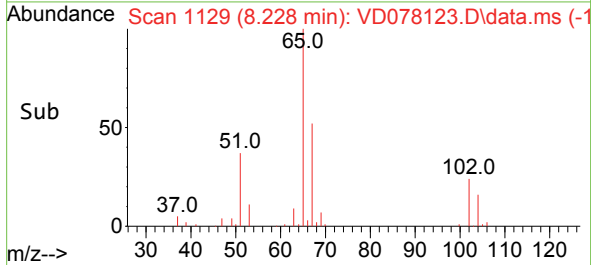
Tgt Ion: 56 Resp: 4164
Ion Ratio Lower Upper
56 100
69 110.4 28.6 43.0#
84 125.1 84.8 127.2

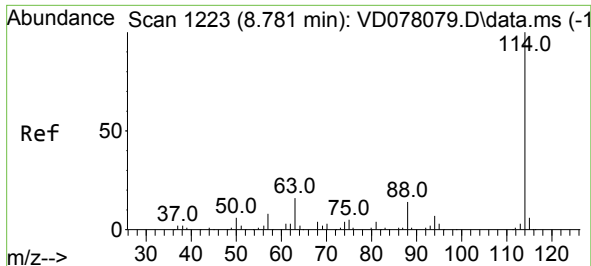


#33
1,2-Dichloroethane-d4
Concen: 37.928 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24



Tgt Ion: 65 Resp: 72541
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

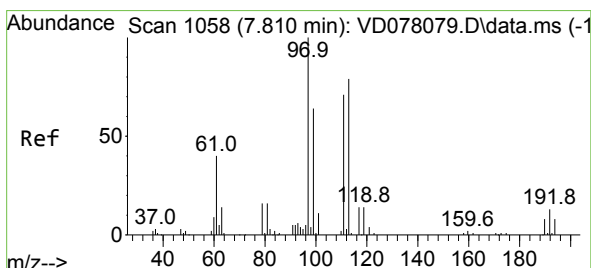
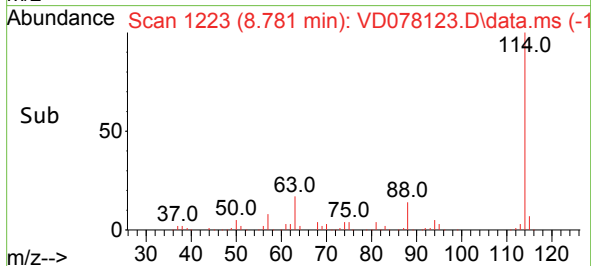
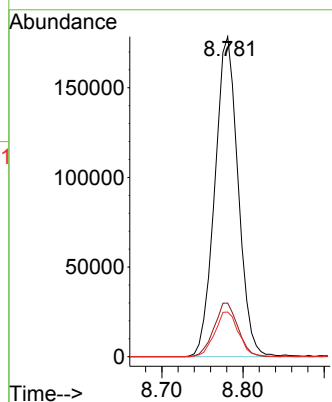
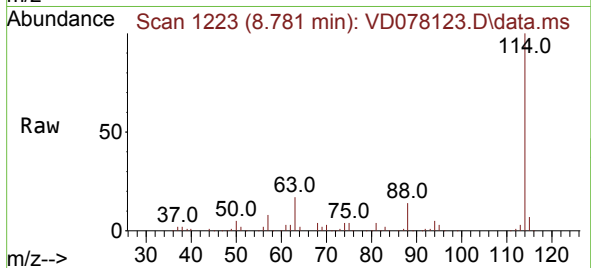
Tgt Ion:114 Resp: 356055

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.021 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

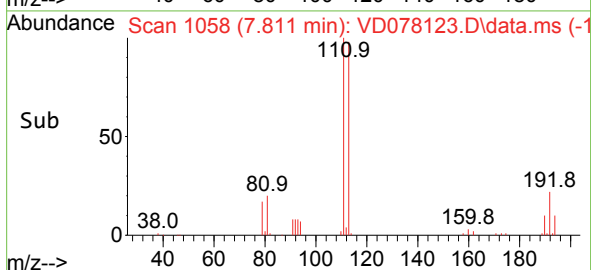
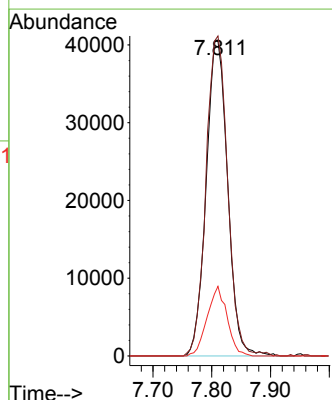
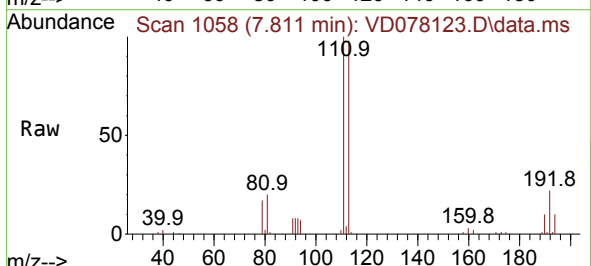
Tgt Ion:113 Resp: 103142

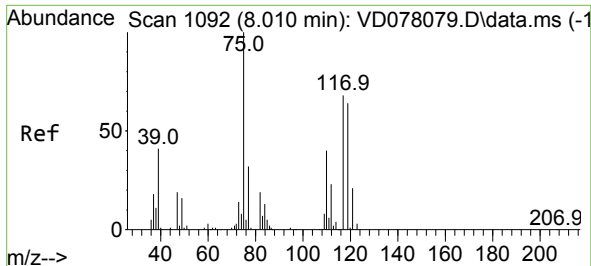
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 20.4 16.8 25.2

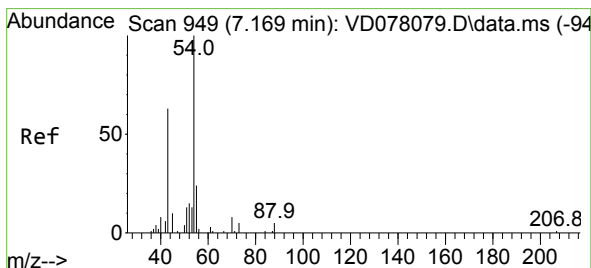
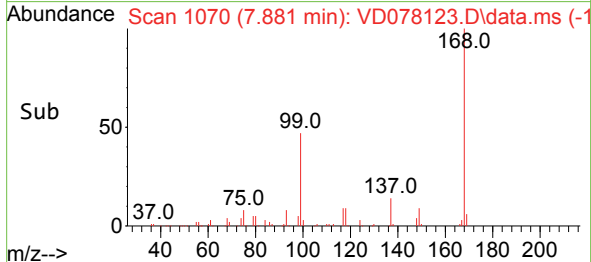
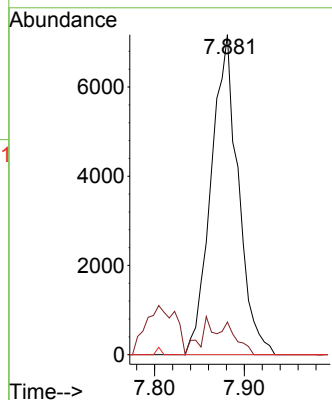
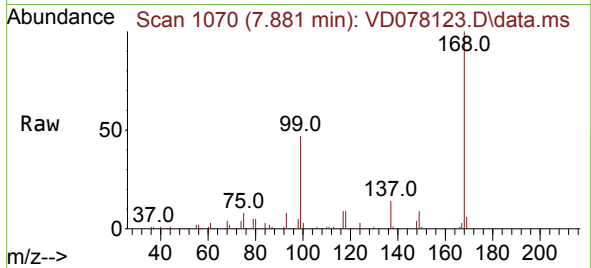




#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 7.881 min Scan# 1092
Delta R.T. -0.129 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

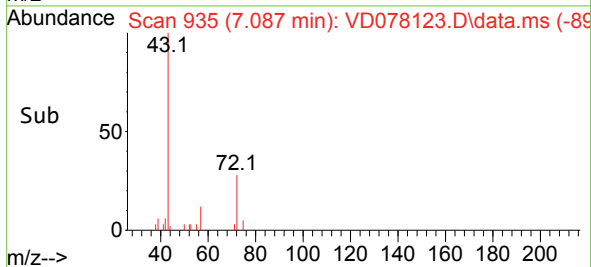
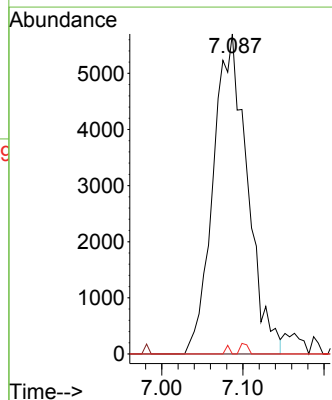
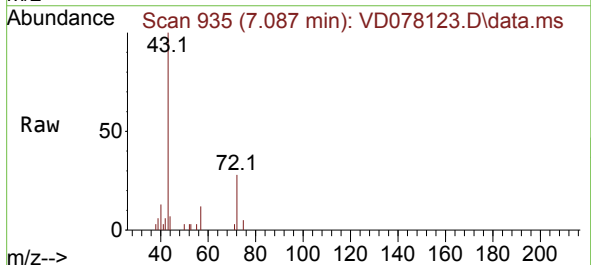
Instrument :
MSVOA_D
ClientSampleId :

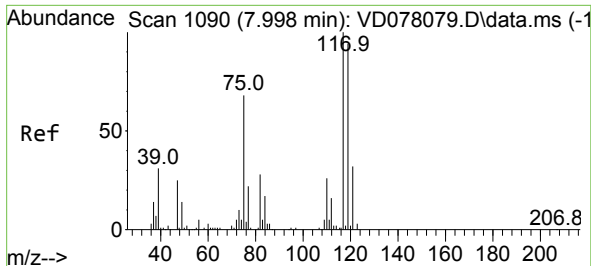
Tgt Ion: 75 Resp: 15084
Ion Ratio Lower Upper
75 100
110 5.7 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 15.493 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

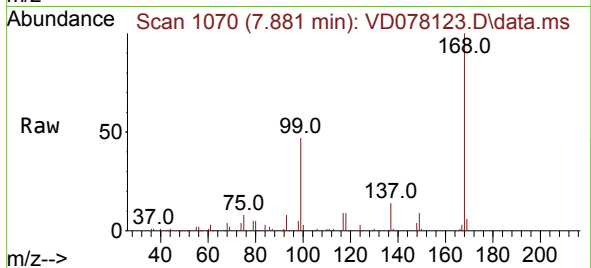
Tgt Ion: 43 Resp: 16610
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.3 10.0 15.0#



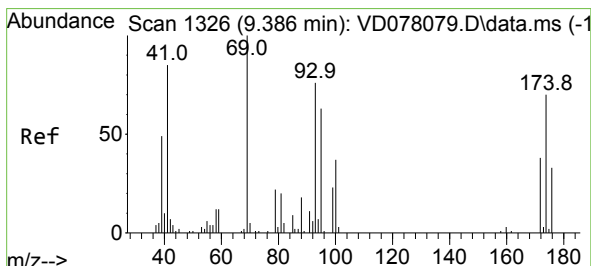
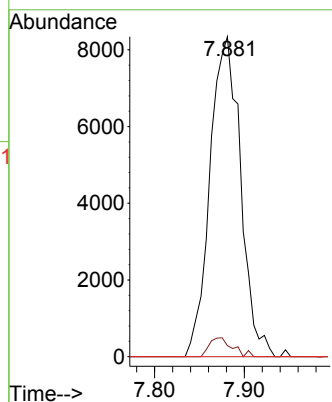
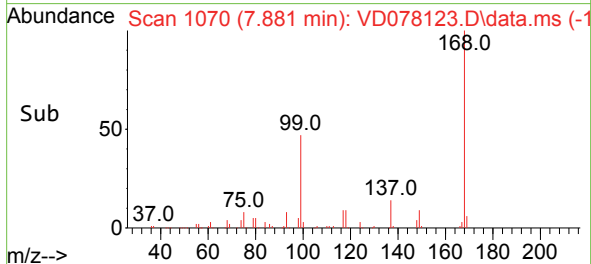


#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 7.881 min Scan# 1090
Delta R.T. -0.117 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Instrument :
MSVOA_D
ClientSampleId :

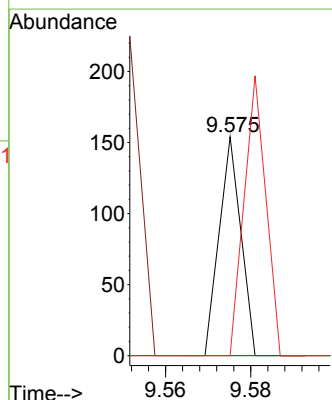
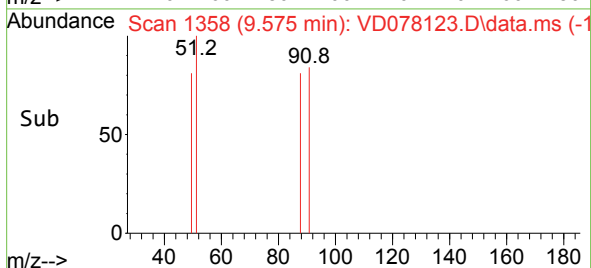
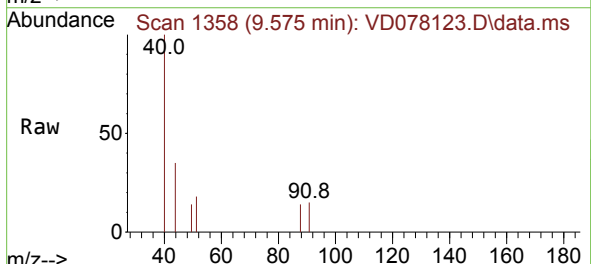


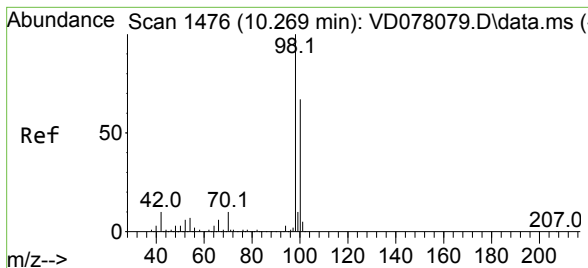
Tgt Ion: 117 Resp: 19734
Ion Ratio Lower Upper
117 100
119 3.5 78.0 117.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 4.332 ug/l
RT: 9.575 min Scan# 1358
Delta R.T. 0.189 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 129.6 43.5 65.3#

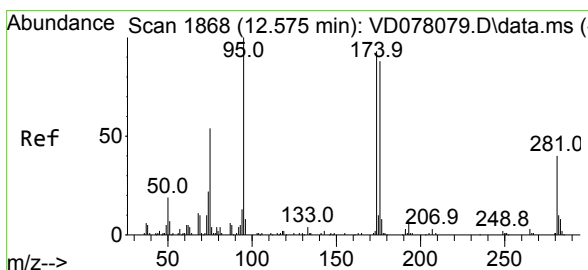
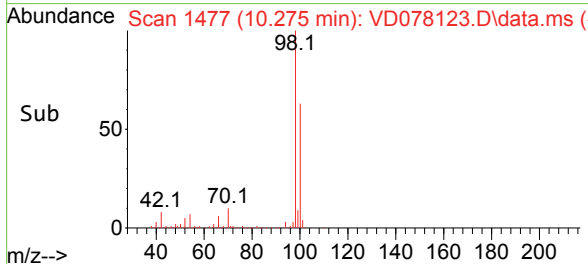
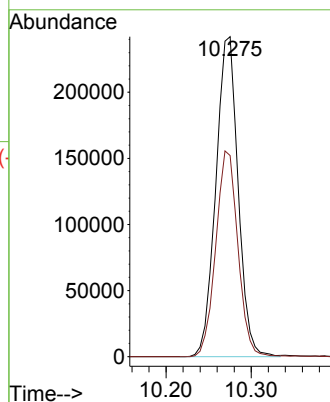
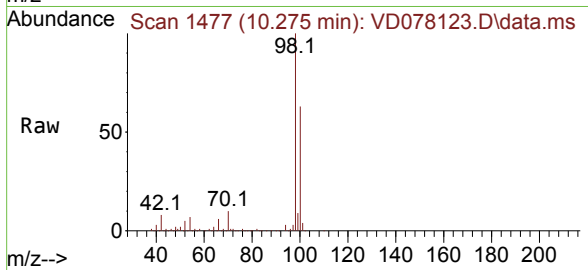




#50
Toluene-d8
Concen: 54.538 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

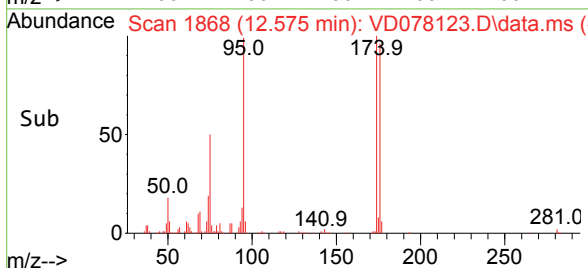
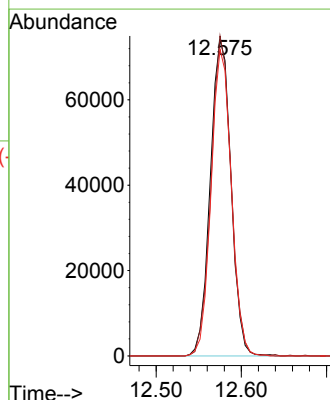
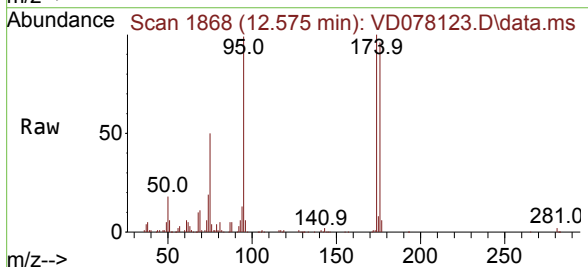
Instrument :
MSVOA_D
ClientSampleId :

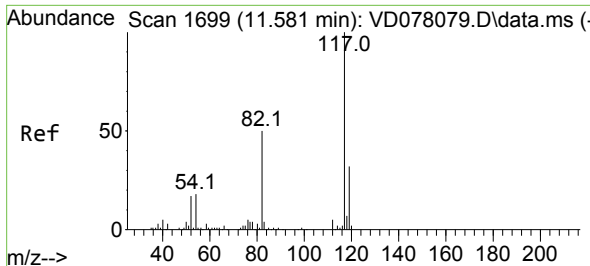
Tgt Ion: 98 Resp: 439641
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Tgt Ion: 95 Resp: 125446
Ion Ratio Lower Upper
95 100
174 97.1 0.0 201.8
176 94.4 0.0 191.8

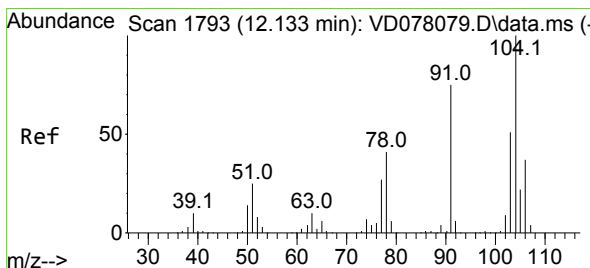
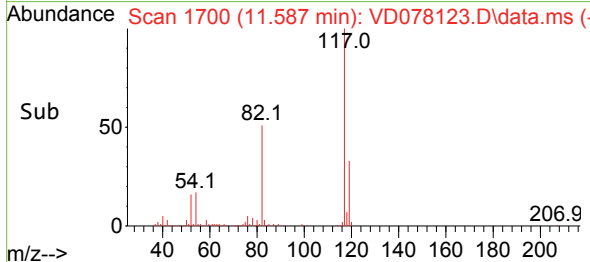
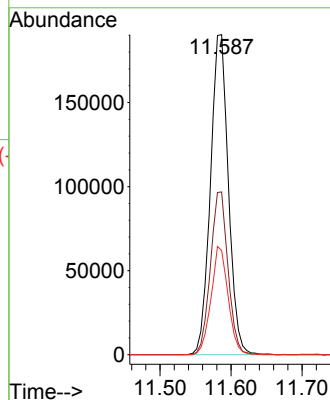
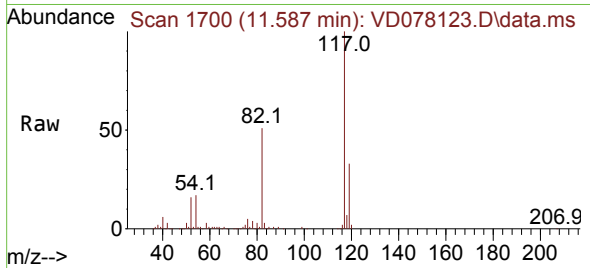




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

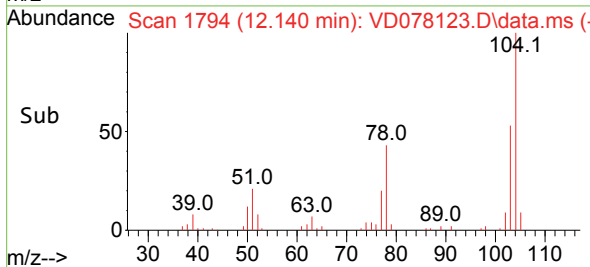
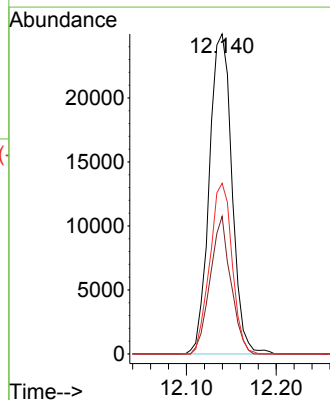
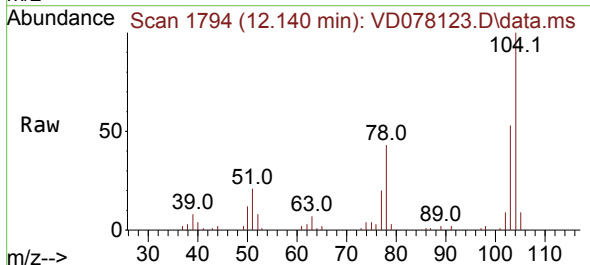
Instrument :
MSVOA_D
ClientSampleId :

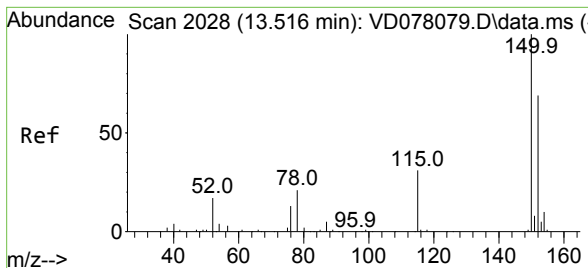
Tgt Ion:117 Resp: 334095
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 32.6 25.0 37.4



#70
Styrene
Concen: 6.603 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Tgt Ion:104 Resp: 43760
Ion Ratio Lower Upper
104 100
78 39.2 33.2 49.8
103 52.5 43.6 65.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

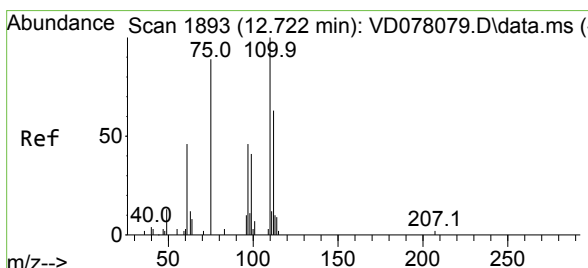
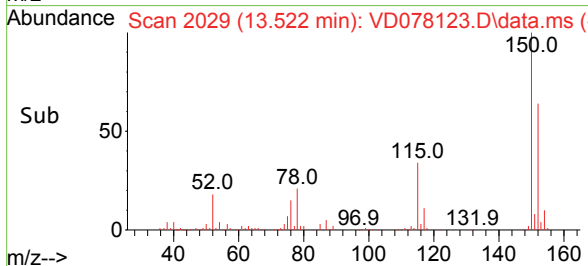
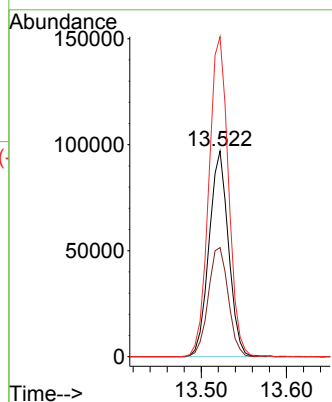
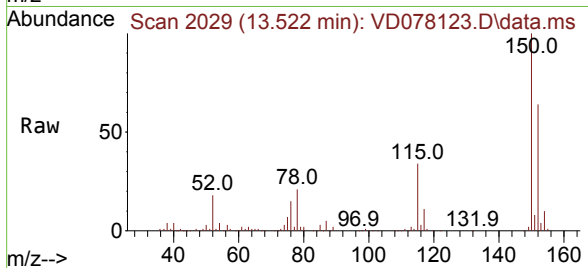
Tgt Ion:152 Resp: 153585

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 157.0 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 48.465 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078123.D

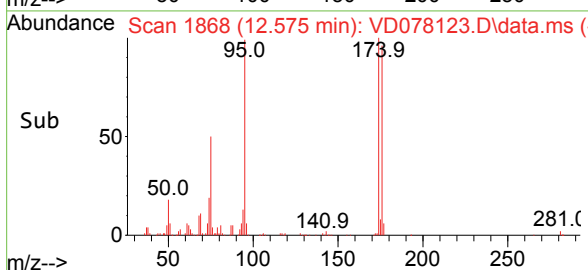
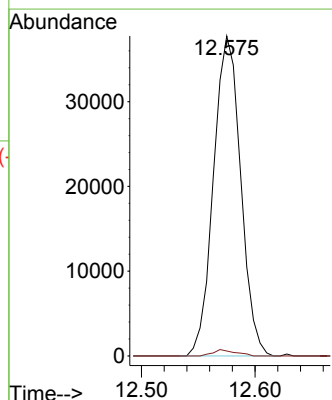
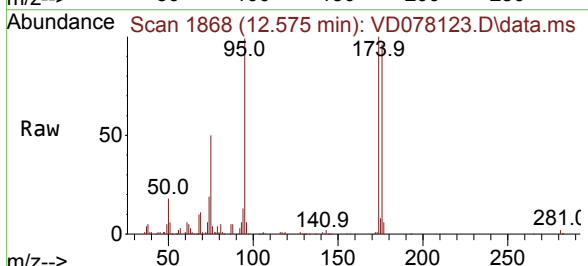
Acq: 02 Jan 2024 16:24

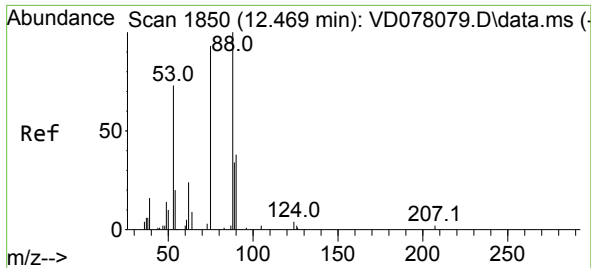
Tgt Ion: 75 Resp: 62798

Ion Ratio Lower Upper

75 100

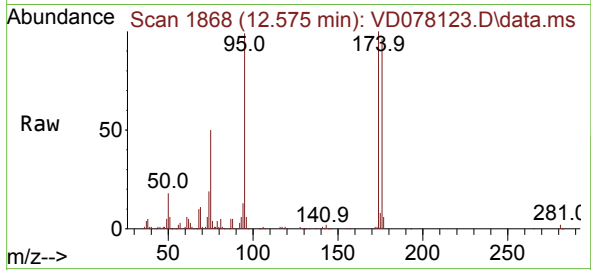
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.431 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078123.D
 Acq: 02 Jan 2024 16:24

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	62798
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.1	37.9	56.9#

