

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078790.D
 Acq On : 29 Mar 2024 13:20
 Operator : RP/MD
 Sample : VD0329SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

Quant Time: Mar 29 23:41:34 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

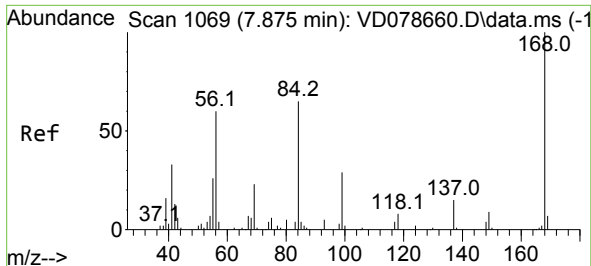
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	171678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	271371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	113469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73897	45.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.860%		
35) Dibromofluoromethane	7.804	113	94367	46.990	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.980%		
50) Toluene-d8	10.269	98	370943	50.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.440%		
62) 4-Bromofluorobenzene	12.575	95	90121	41.709	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.420%		
Target Compounds						
20) Methylene Chloride	4.804	84	3337	Below Cal	#	81
31) Cyclohexane	7.875	56	3645	1.348	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	12969	4.451	ug/l #	47
38) Carbon Tetrachloride	7.875	117	16854	5.487	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	1543	1.705	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	45605	52.167	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	45605	109.351	ug/l #	19

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

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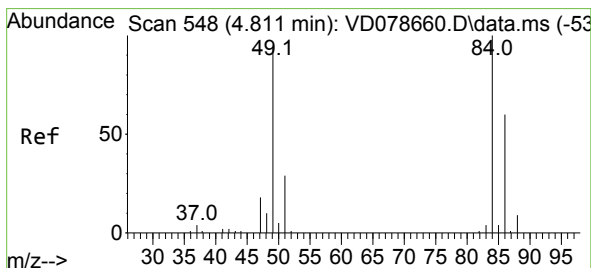
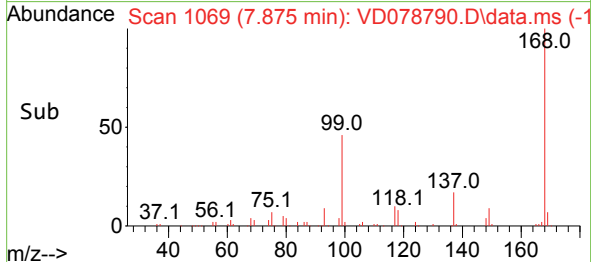
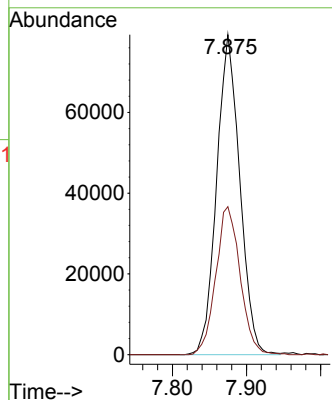
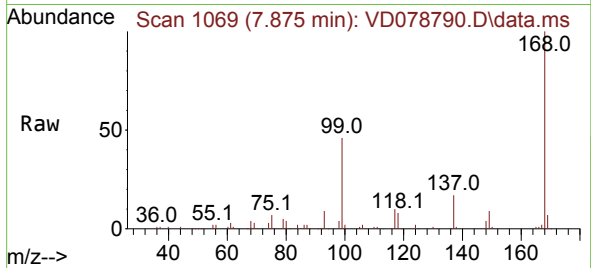




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

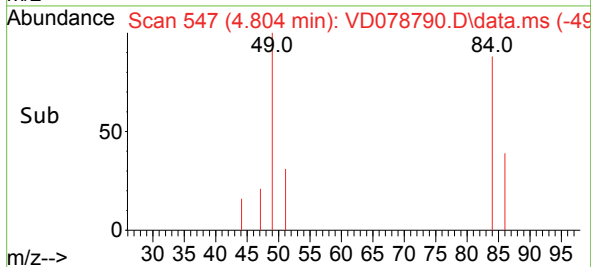
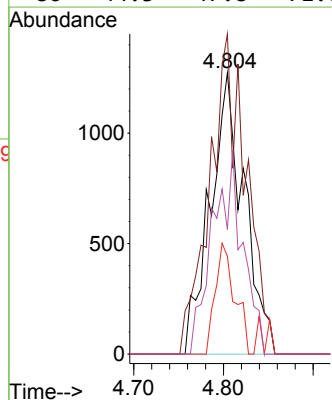
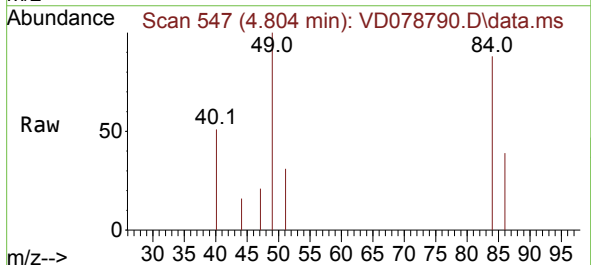
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBL01

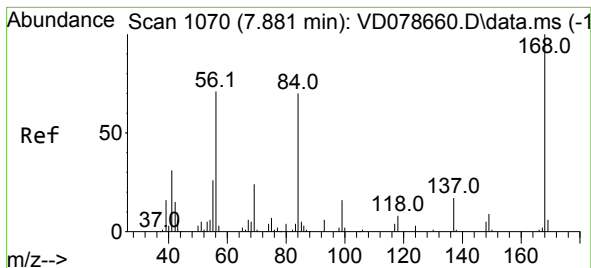
Tgt Ion:168 Resp: 171678
Ion Ratio Lower Upper
168 100
99 46.3 38.8 58.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 547
Delta R.T. -0.007 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

Tgt Ion: 84 Resp: 3337
Ion Ratio Lower Upper
84 100
49 113.8 75.6 113.4#
51 34.7 23.4 35.0
86 44.3 47.8 71.6#





#31

Cyclohexane

Concen: 1.348 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

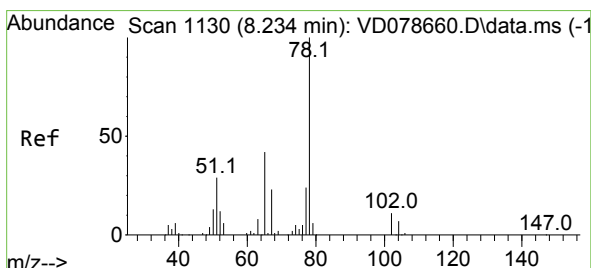
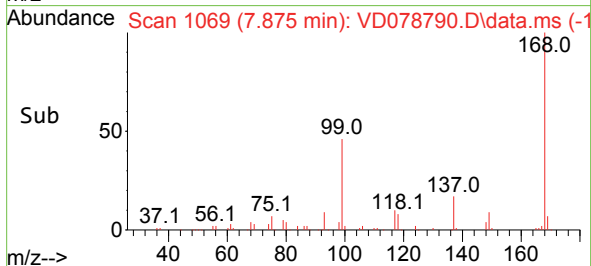
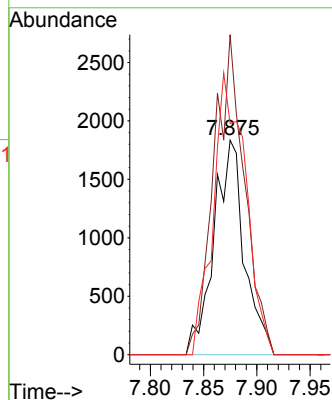
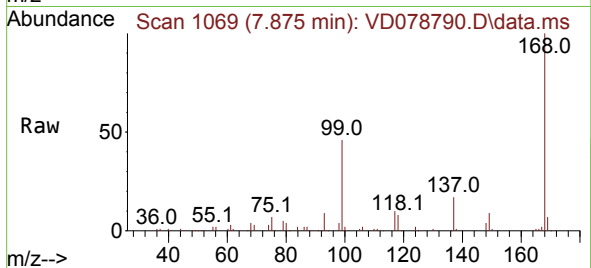
Tgt Ion: 56 Resp: 3645

Ion Ratio Lower Upper

56 100

69 149.2 26.6 40.0#

84 107.8 79.4 119.2



#33

1,2-Dichloroethane-d4

Concen: 45.930 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078790.D

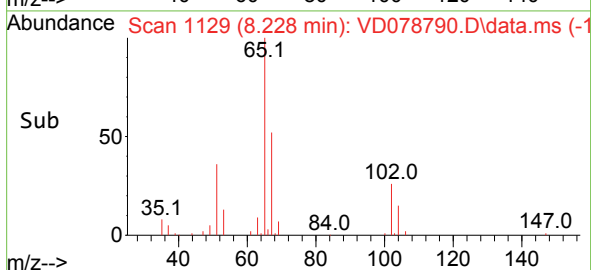
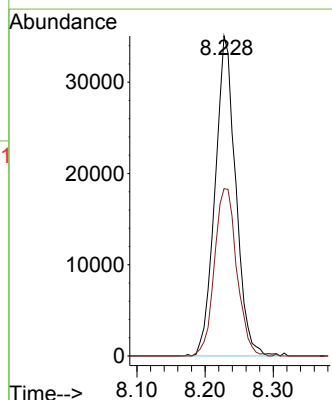
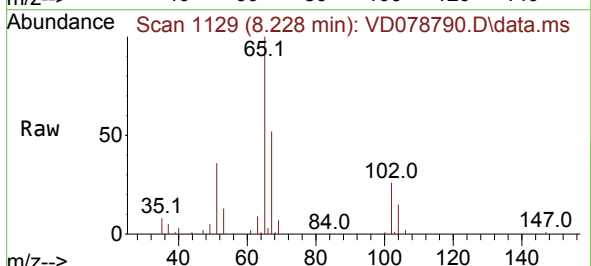
Acq: 29 Mar 2024 13:20

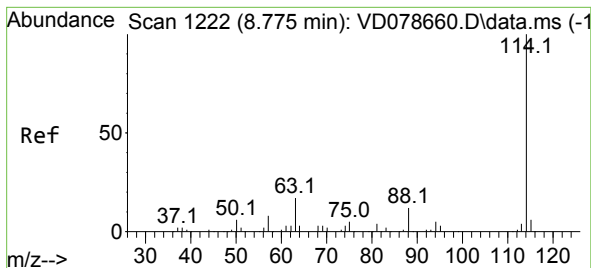
Tgt Ion: 65 Resp: 73897

Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

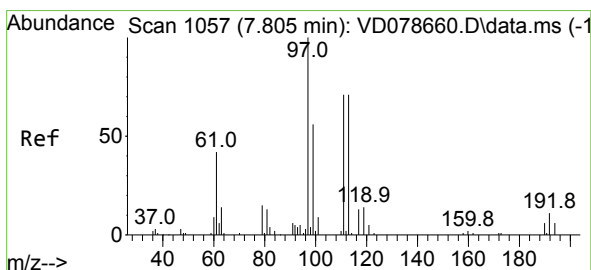
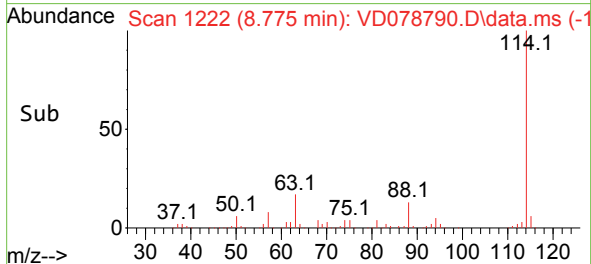
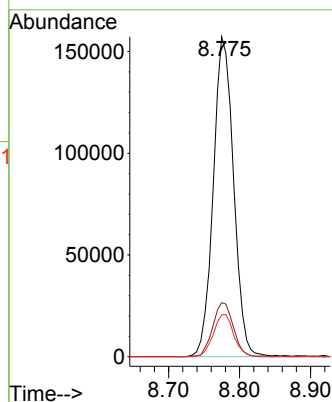
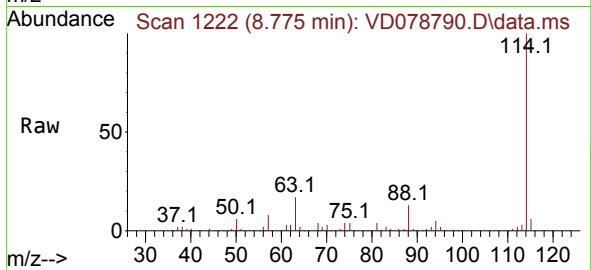
Tgt Ion:114 Resp: 311911

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.990 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

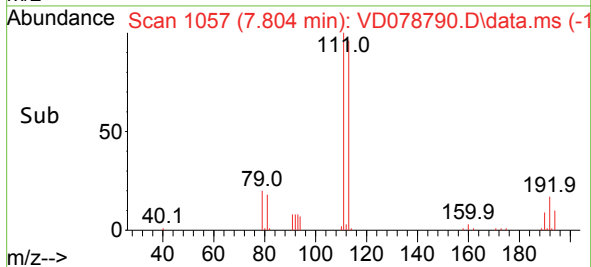
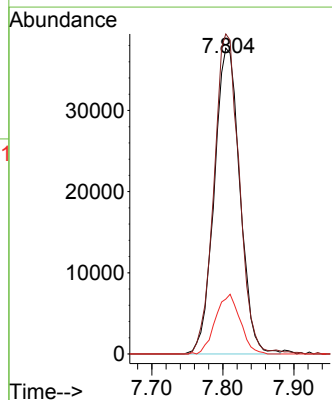
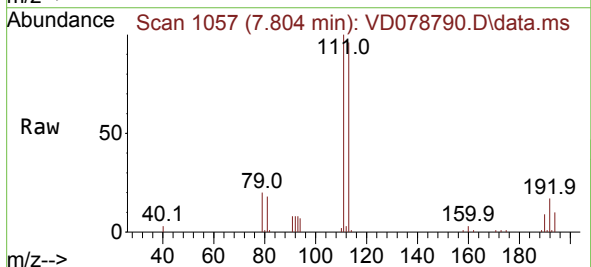
Tgt Ion:113 Resp: 94367

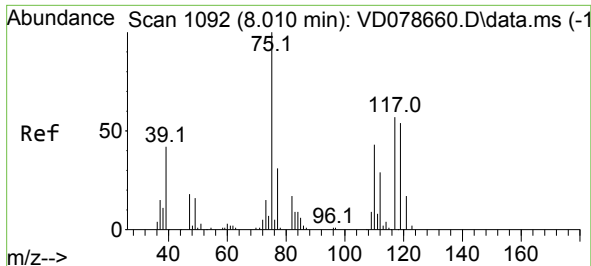
Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 18.8 15.4 23.0

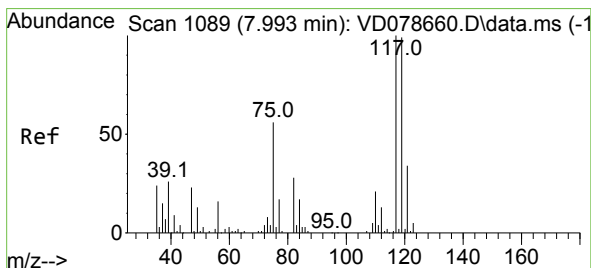
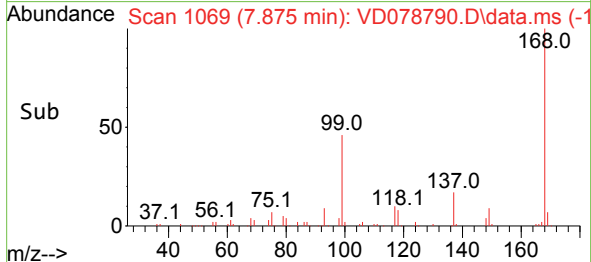
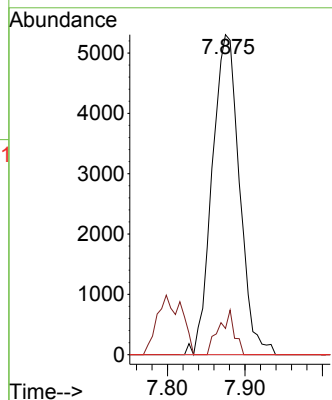
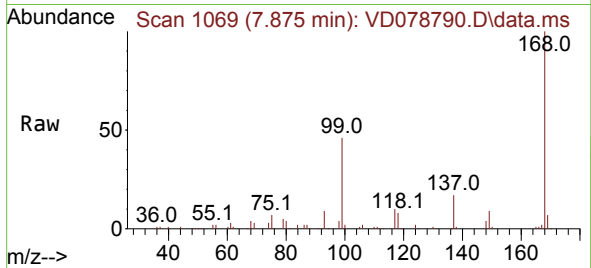




#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

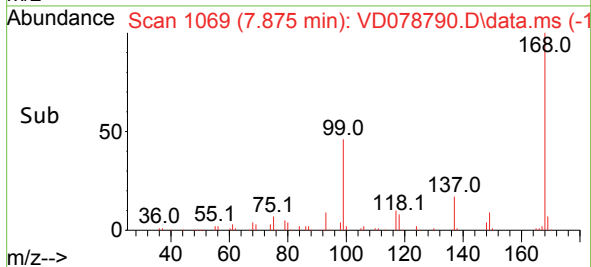
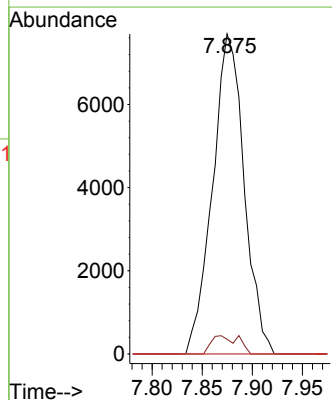
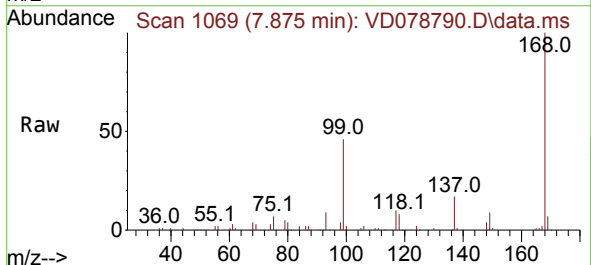
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBL01

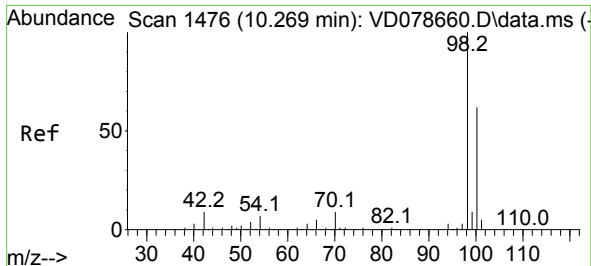
Tgt Ion: 75 Resp: 12969
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

Tgt Ion: 117 Resp: 16854
Ion Ratio Lower Upper
117 100
119 4.6 79.2 118.8#
121 0.0 26.8 40.2#

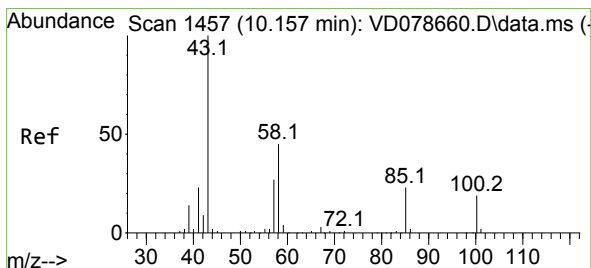
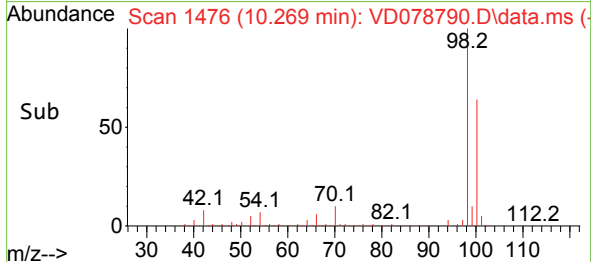
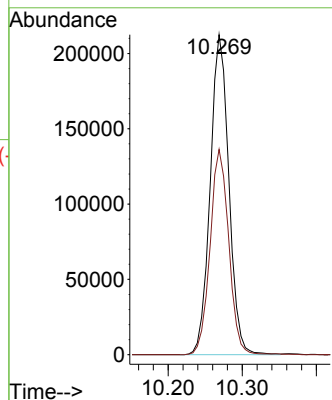
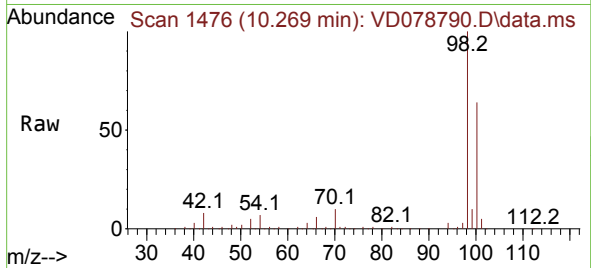




#50
Toluene-d8
Concen: 50.225 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

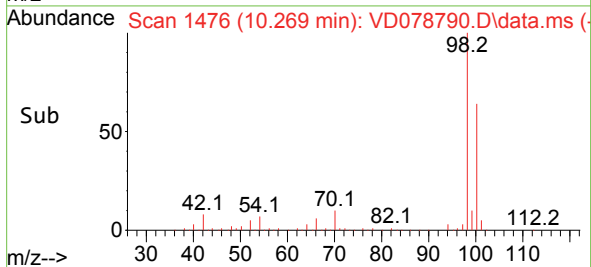
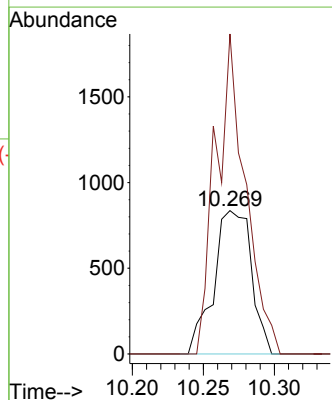
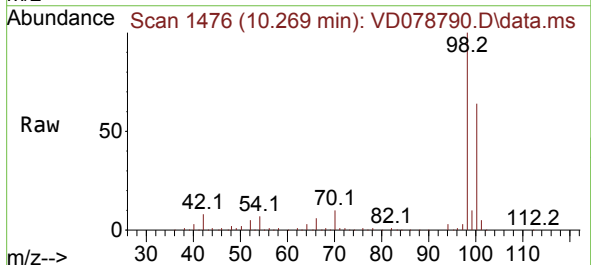
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBL01

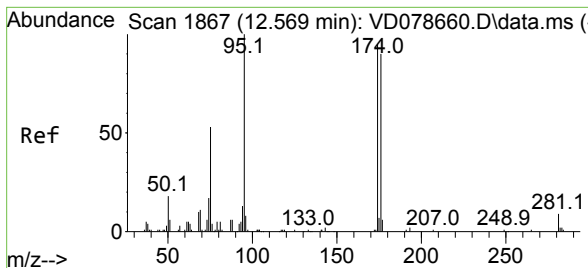
Tgt Ion: 98 Resp: 370943
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.705 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.111 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 176.3 36.4 54.6#

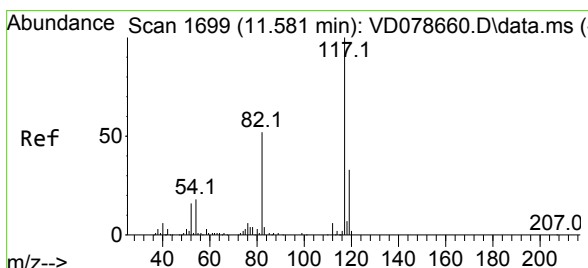
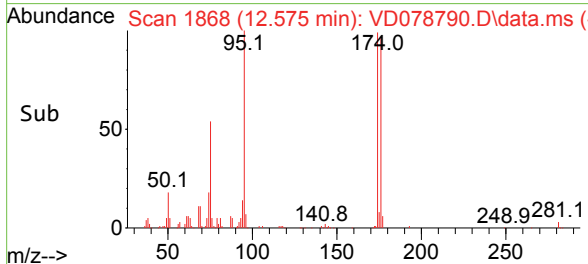
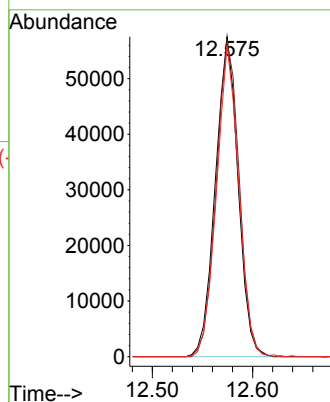
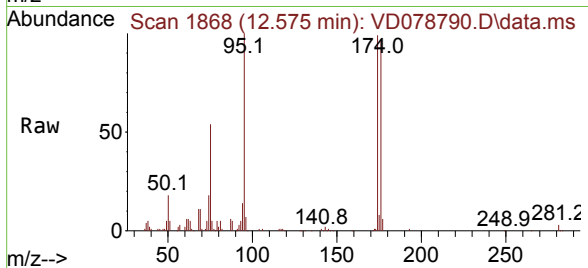




#62
4-Bromofluorobenzene
Concen: 41.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

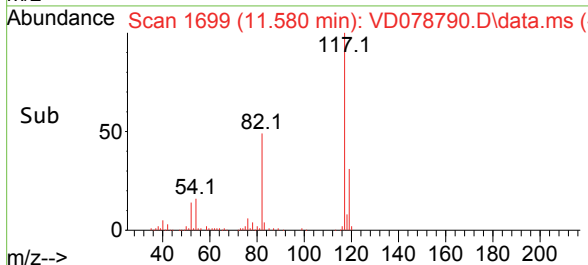
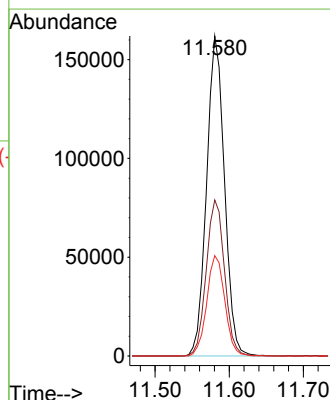
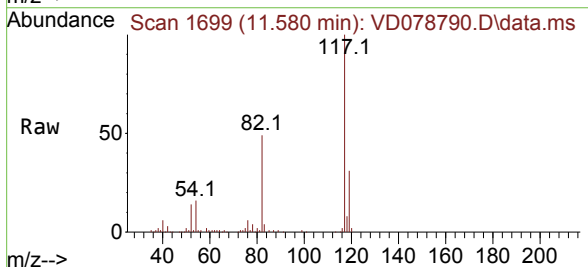
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ClientSampleId :
VD0329SBL01

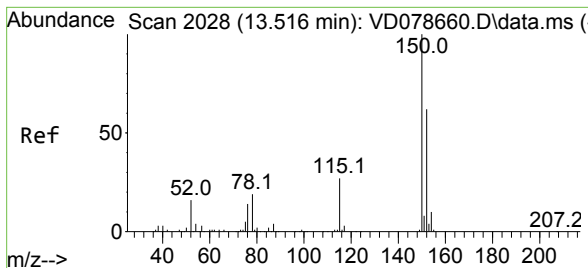
Tgt Ion:	95	Resp:	90121
Ion Ratio	Lower	Upper	
95	100		
174	100.3	0.0	195.2
176	95.4	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

Tgt Ion:	117	Resp:	271371
Ion Ratio	Lower	Upper	
117	100		
82	48.7	41.4	62.2
119	31.3	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

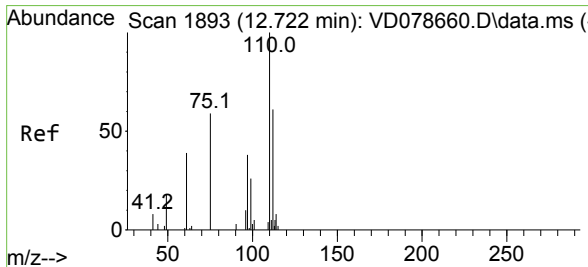
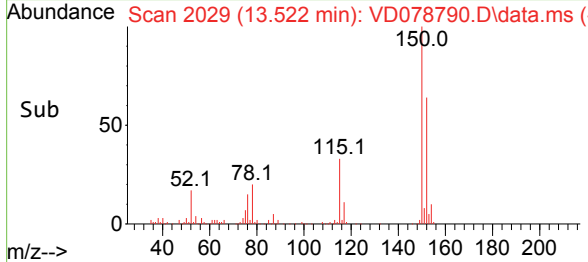
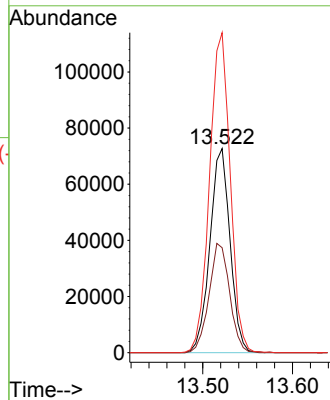
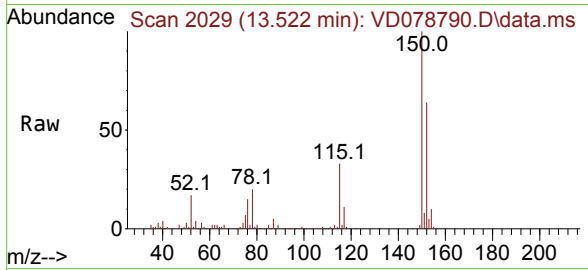
Tgt Ion:152 Resp: 113469

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.2

150 160.2 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 52.167 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078790.D

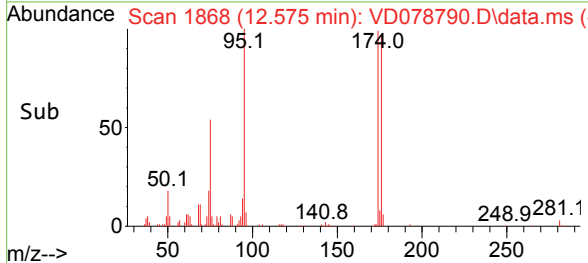
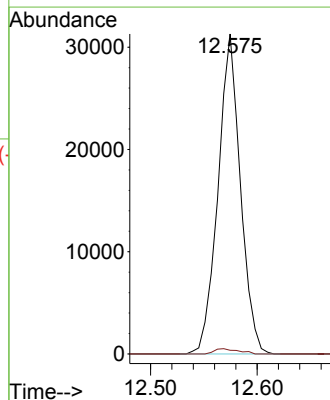
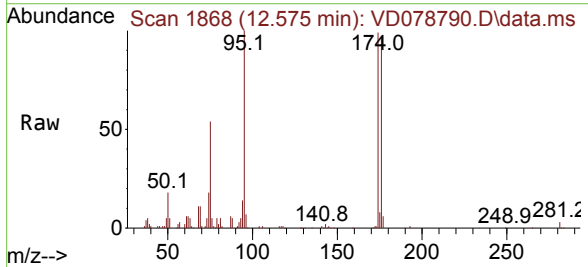
Acq: 29 Mar 2024 13:20

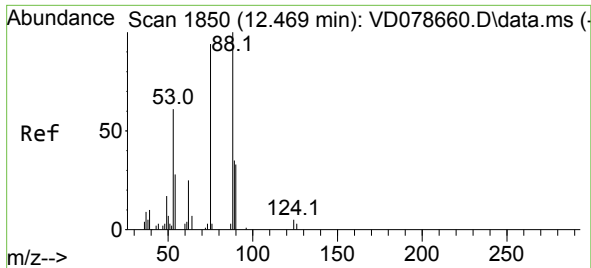
Tgt Ion: 75 Resp: 45605

Ion Ratio Lower Upper

75 100

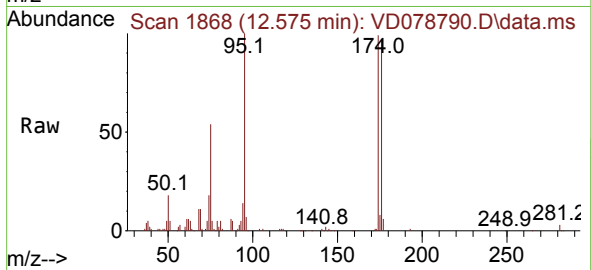
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.351 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078790.D
 Acq: 29 Mar 2024 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01



Tgt Ion:	75	Resp:	45605
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.1	35.4	53.0#

