

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078795.D
 Acq On : 29 Mar 2024 15:54
 Operator : RP/MD
 Sample : P1915-03
 Misc : 5.76G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A-GRAB

Quant Time: Mar 29 23:44:07 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)

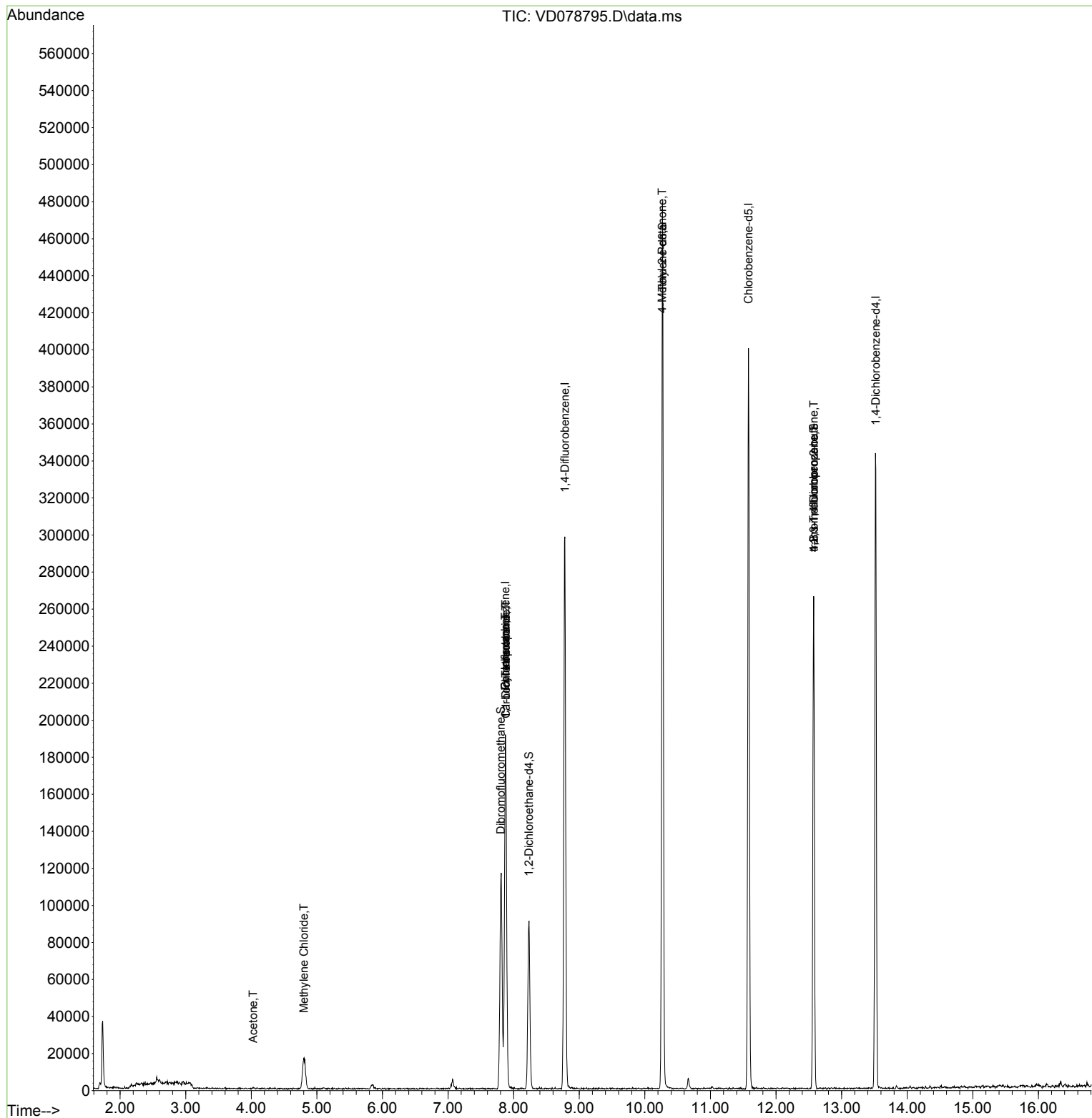
Internal Standards						
1) Pentafluorobenzene	7.875	168	147720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	273440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68302	49.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.680%
35) Dibromofluoromethane	7.804	113	85342	48.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.269	98	326748	50.465	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.575	95	77127	40.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.440%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	455	1.700	ug/l	89
20) Methylene Chloride	4.805	84	14876	3.633	ug/l #	80
31) Cyclohexane	7.875	56	2909	1.250	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	11536	4.516	ug/l #	45
38) Carbon Tetrachloride	7.881	117	14107	5.238	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1109	1.398	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41666	56.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41666	117.572	ug/l #	19

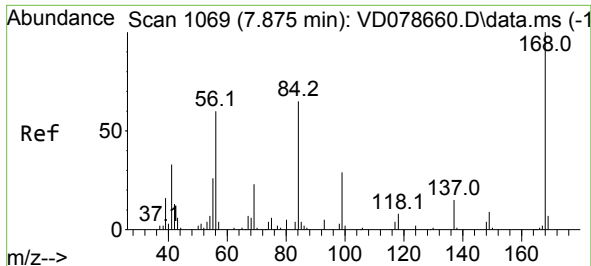
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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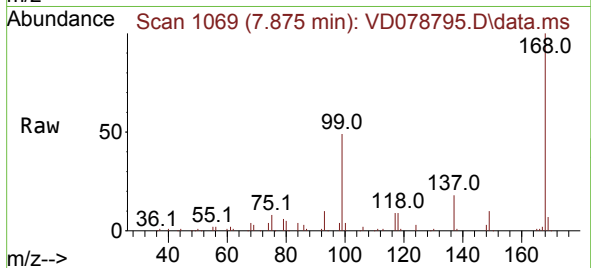
Quant Time: Mar 29 23:44:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



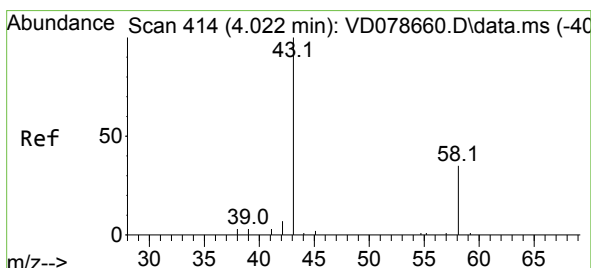
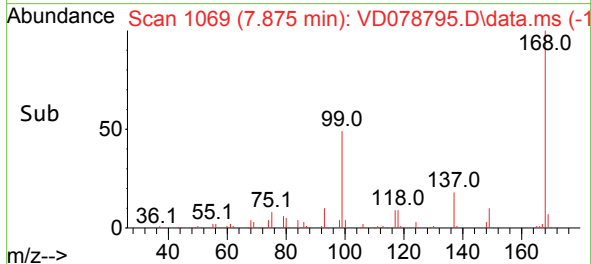
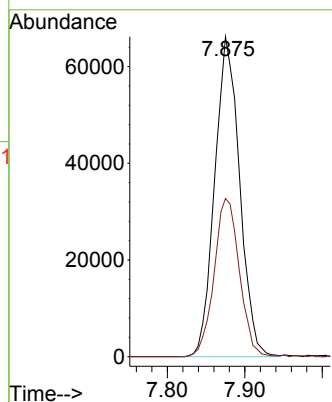


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

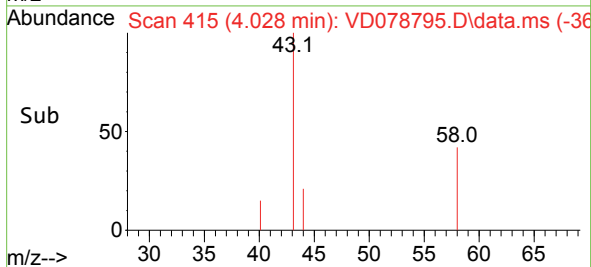
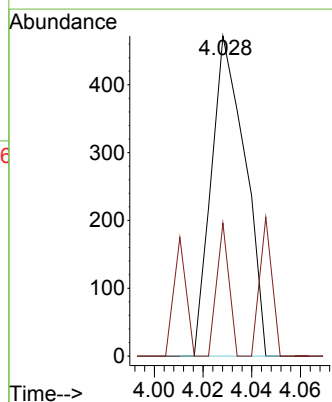
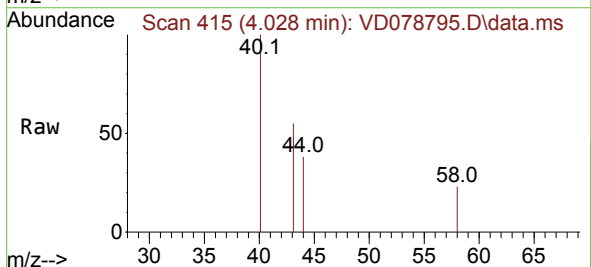


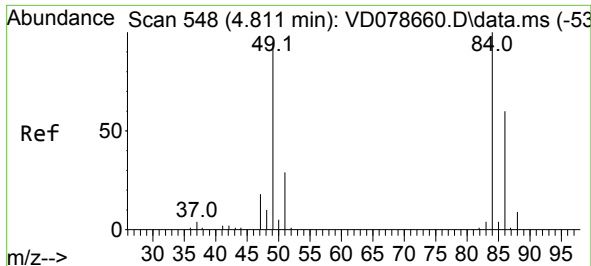
Tgt Ion:168 Resp: 147720
Ion Ratio Lower Upper
168 100
99 49.5 38.8 58.2



#16
Acetone
Concen: 1.700 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 41.5 28.2 42.4



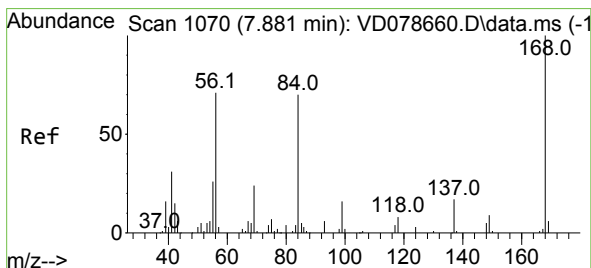
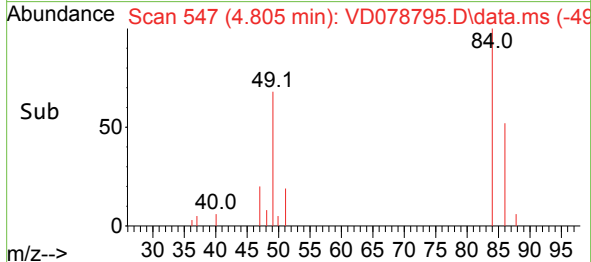
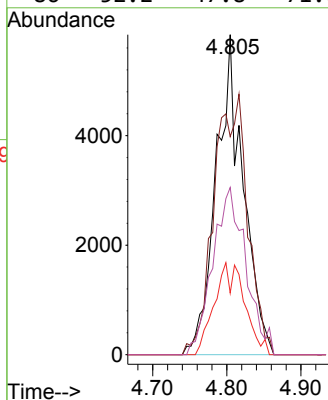
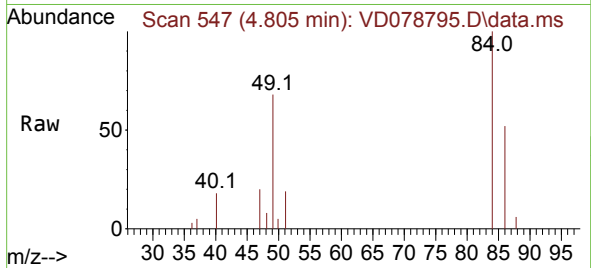


#20
Methylene Chloride
Concen: 3.633 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

Tgt Ion: 84 Resp: 14876

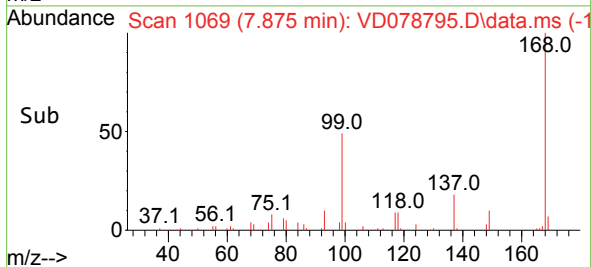
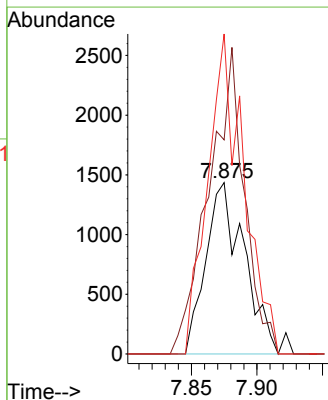
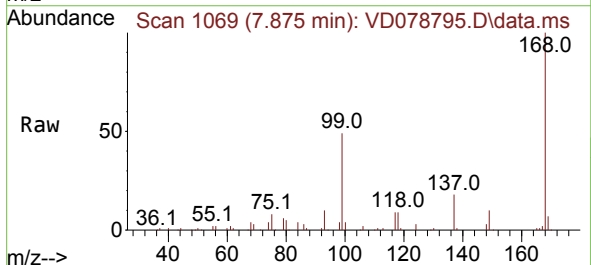
Ion	Ratio	Lower	Upper
84	100		
49	68.2	75.6	113.4#
51	19.2	23.4	35.0#
86	52.2	47.8	71.6

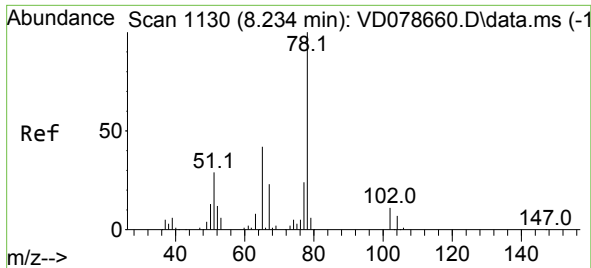


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion: 56 Resp: 2909

Ion	Ratio	Lower	Upper
56	100		
69	124.9	26.6	40.0#
84	186.6	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 49.338 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078795.D

Acq: 29 Mar 2024 15:54

Instrument :

MSVOA_D

ClientSampleId :

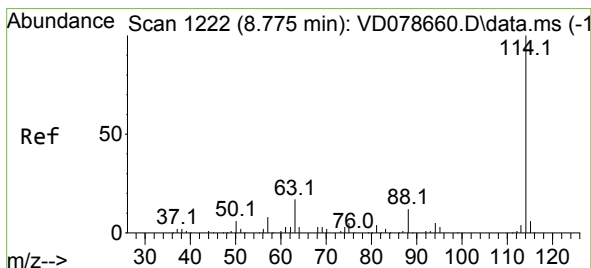
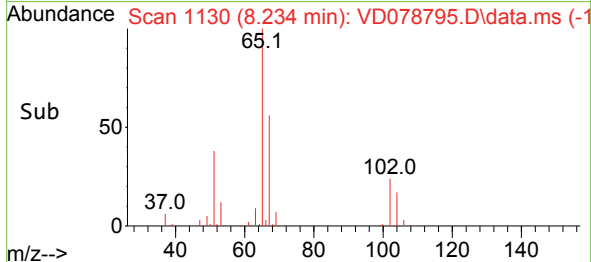
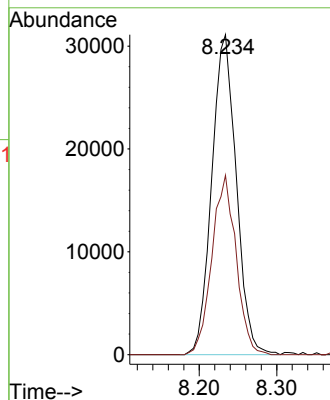
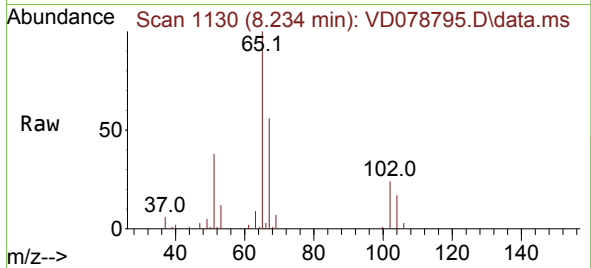
WC-A-GRAB

Tgt Ion: 65 Resp: 68302

Ion Ratio Lower Upper

65 100

67 55.3 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: VD078795.D

Acq: 29 Mar 2024 15:54

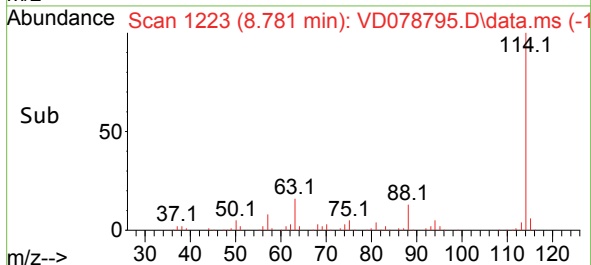
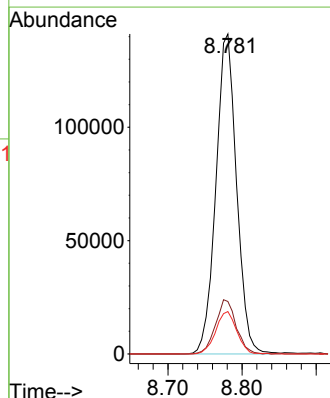
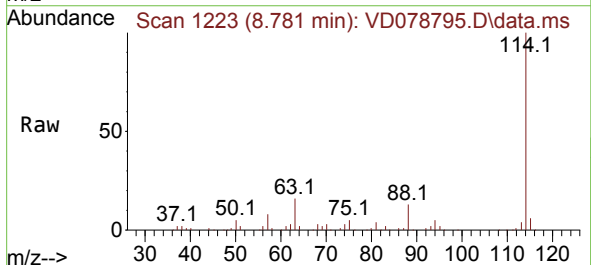
Tgt Ion: 114 Resp: 273440

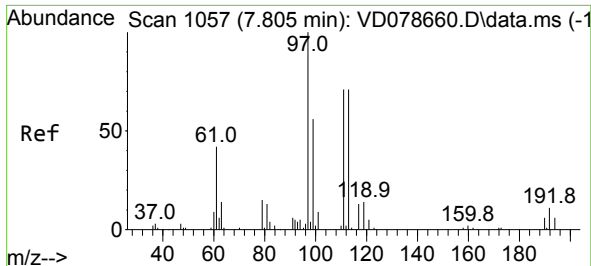
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.2 0.0 24.6





#35

Dibromofluoromethane

Concen: 48.475 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078795.D

Acq: 29 Mar 2024 15:54

Instrument :

MSVOA_D

ClientSampleId :

WC-A-GRAB

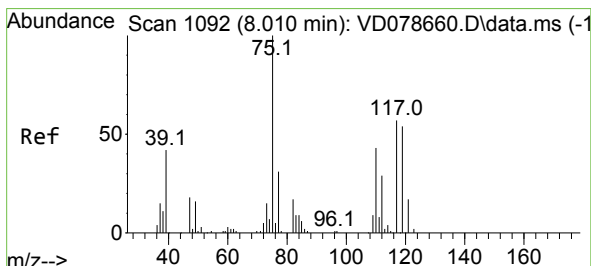
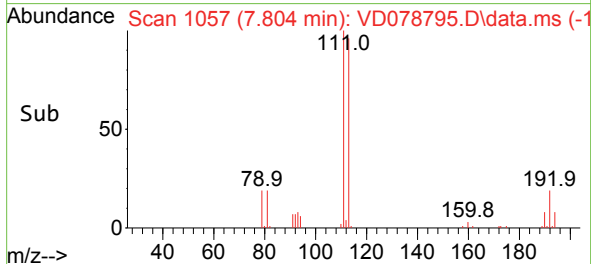
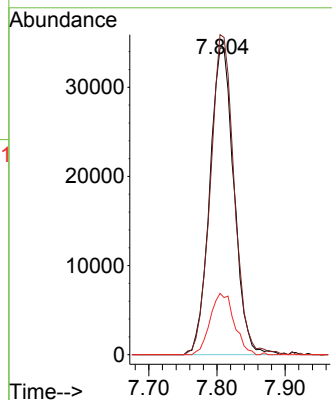
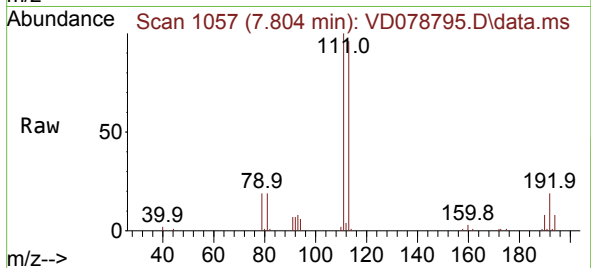
Tgt Ion:113 Resp: 85342

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 19.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.516 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD078795.D

Acq: 29 Mar 2024 15:54

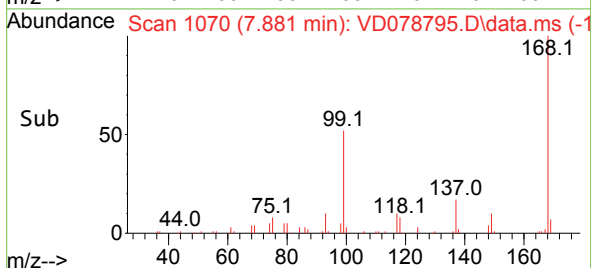
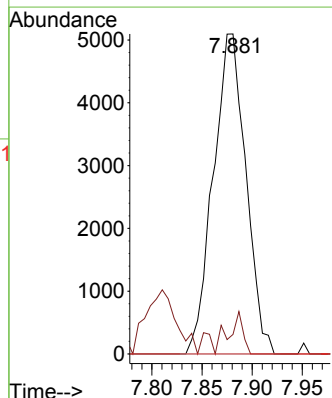
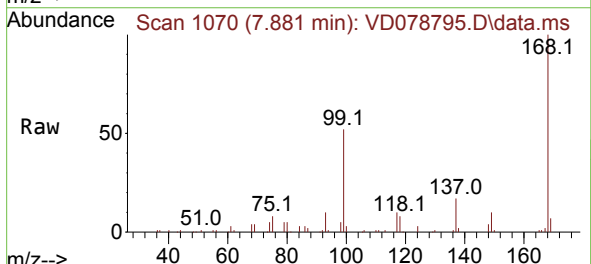
Tgt Ion: 75 Resp: 11536

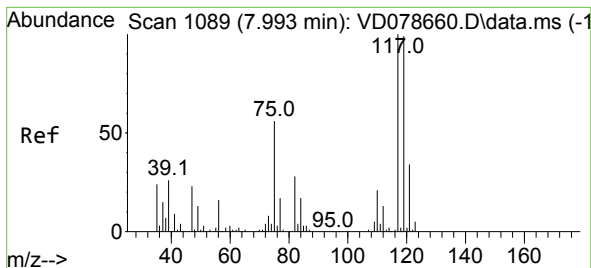
Ion Ratio Lower Upper

75 100

110 5.8 19.1 57.1#

77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.238 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.112 min

Lab File: VD078795.D

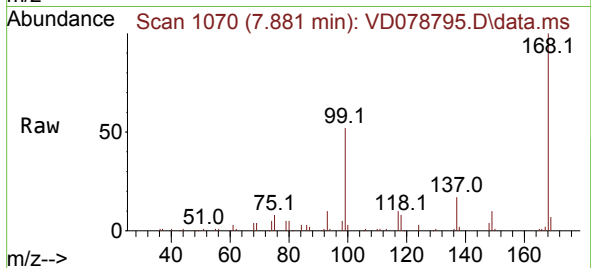
Acq: 29 Mar 2024 15:54

Instrument :

MSVOA_D

ClientSampleId :

WC-A-GRAB



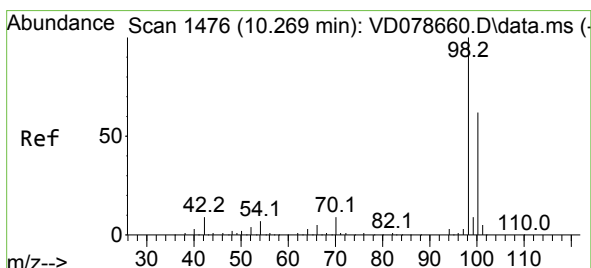
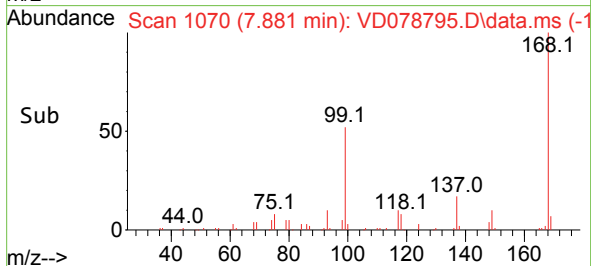
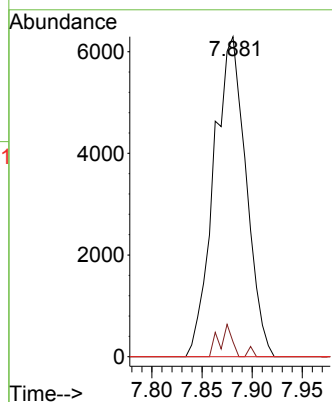
Tgt Ion:117 Resp: 14107

Ion Ratio Lower Upper

117 100

119 4.7 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 50.465 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078795.D

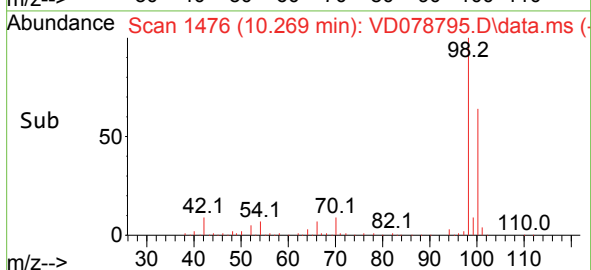
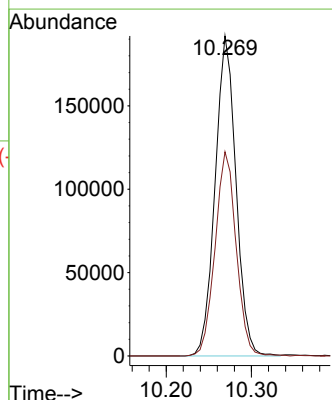
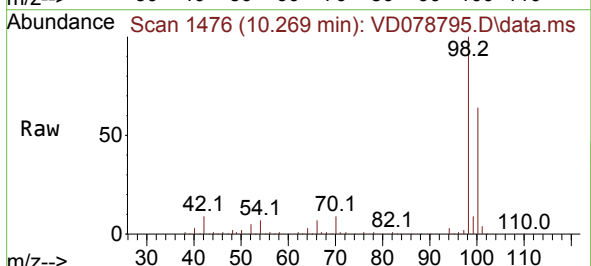
Acq: 29 Mar 2024 15:54

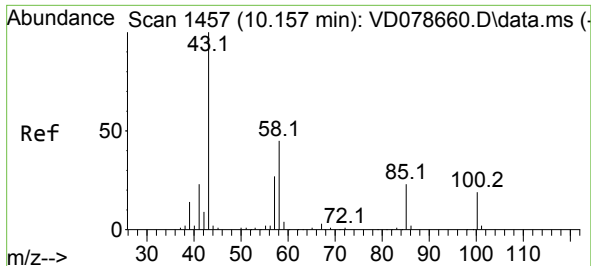
Tgt Ion: 98 Resp: 326748

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

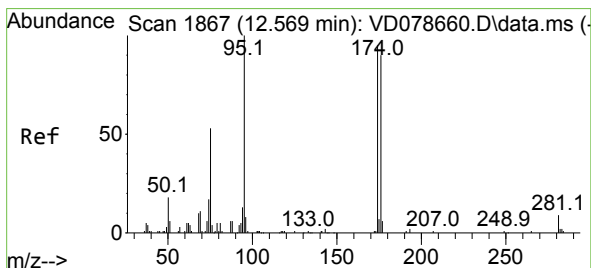
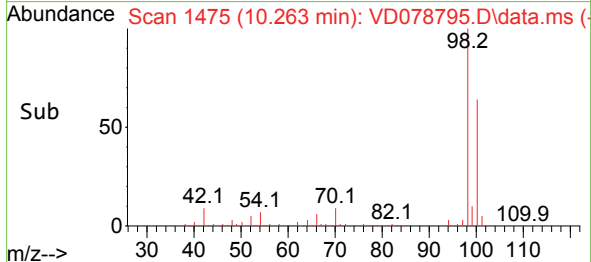
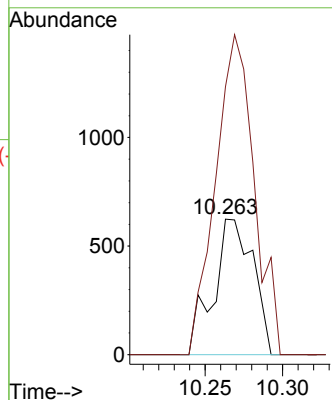
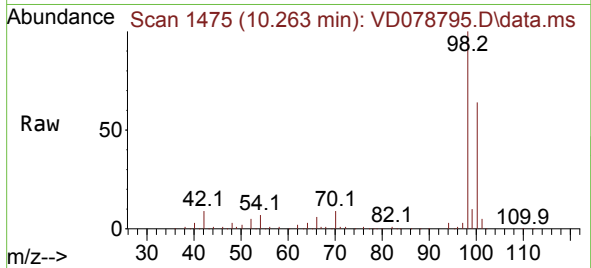




#51
4-Methyl-2-Pentanone
Concen: 1.398 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

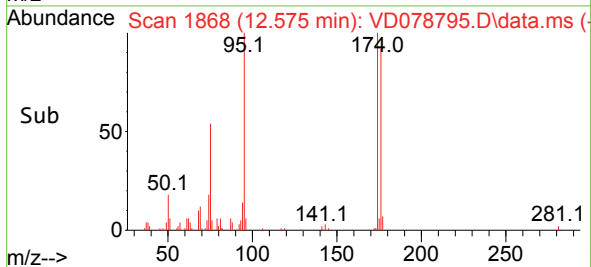
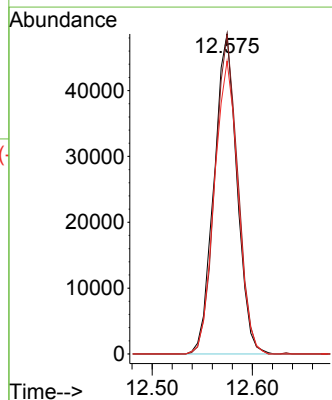
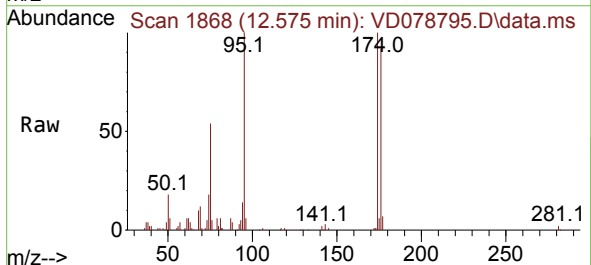
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

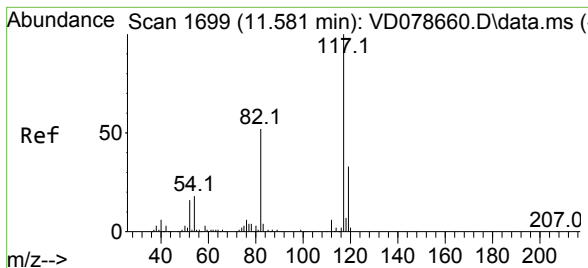
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 231.8 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 40.717 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion: 95 Resp: 77127
Ion Ratio Lower Upper
95 100
174 99.2 0.0 195.2
176 94.7 0.0 188.2

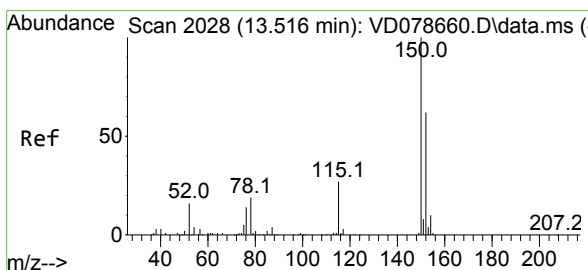
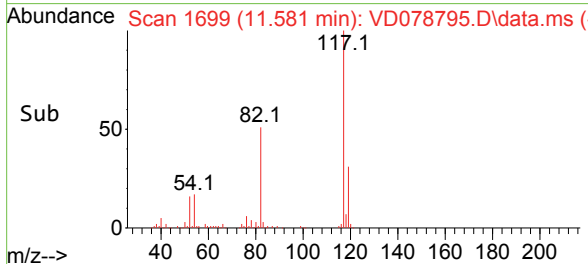
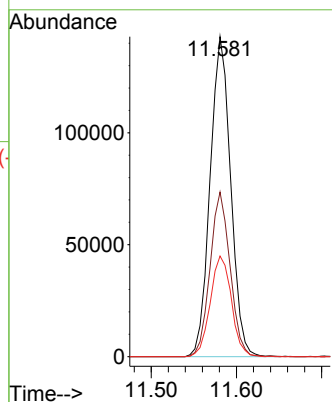
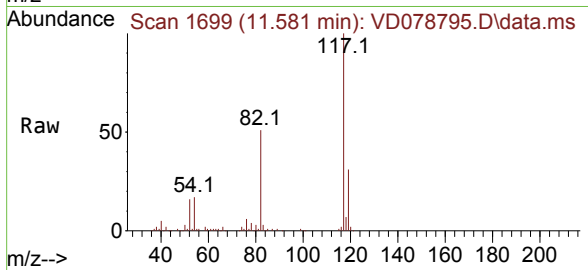




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

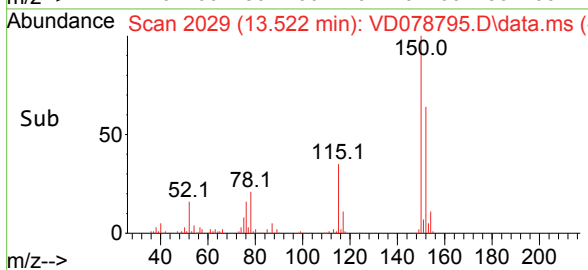
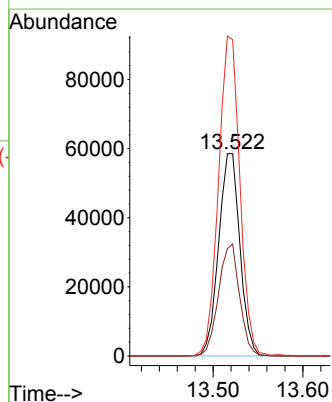
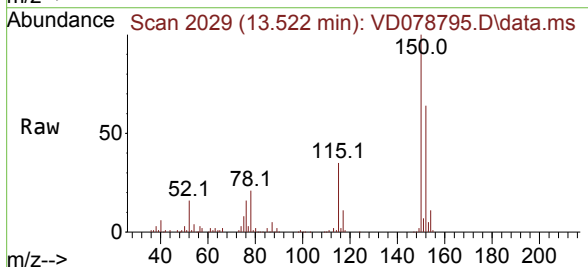
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

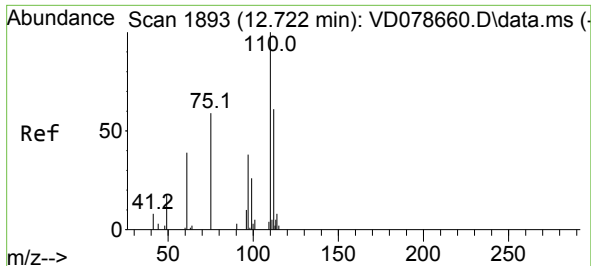
Tgt Ion:117 Resp: 239488
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 31.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion:152 Resp: 96419
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.2
150 158.8 0.0 350.2

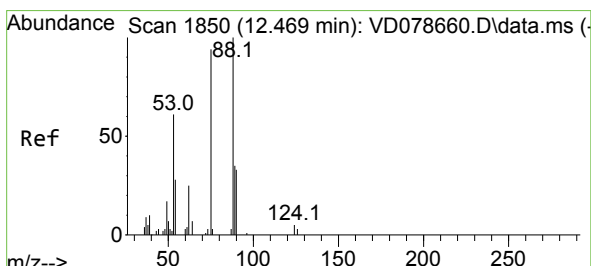
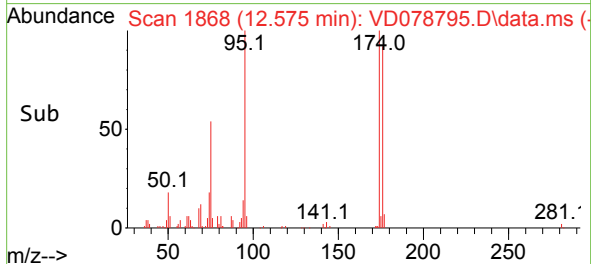
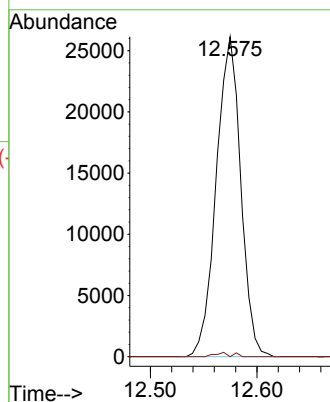
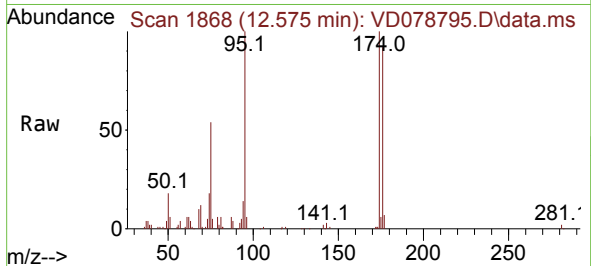




#76
1,2,3-Trichloropropane
Concen: 56.089 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

Tgt Ion: 75 Resp: 41666
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.572 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion: 75 Resp: 41666
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

