

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078778.D
 Acq On : 28 Mar 2024 16:57
 Operator : RP/MD
 Sample : P1874-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Mar 29 01:36:26 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

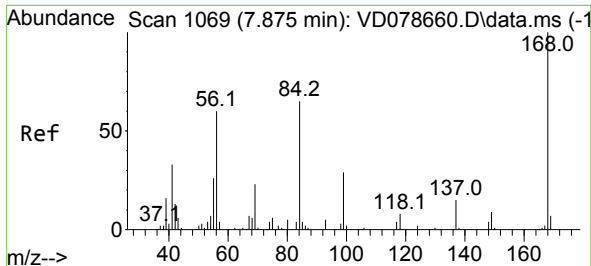
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	140973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67522	51.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.220%	
35) Dibromofluoromethane	7.810	113	84106	48.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.140%	
50) Toluene-d8	10.269	98	329870	51.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.575	95	79531	42.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	375	1.468	ug/l #	39
20) Methylene Chloride	4.822	84	3091	Below Cal	#	63
31) Cyclohexane	7.869	56	3467	1.561	ug/l #	34
36) 1,1-Dichloropropene	7.881	75	10515	4.142	ug/l #	47
38) Carbon Tetrachloride	7.875	117	14000	5.231	ug/l #	15
51) 4-Methyl-2-Pentanone	10.281	43	1172	1.486	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	40881	55.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40881	115.691	ug/l #	19

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

Quant Time: Mar 29 01:36:26 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

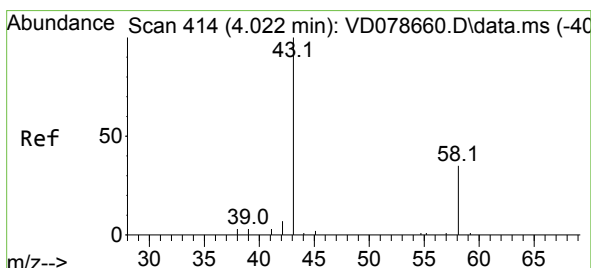
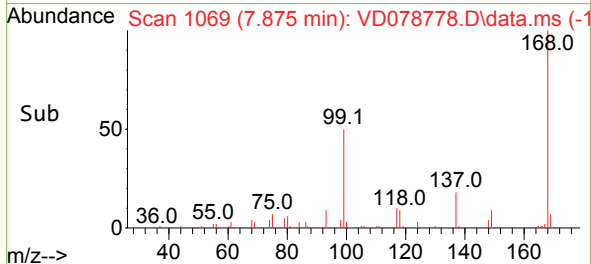
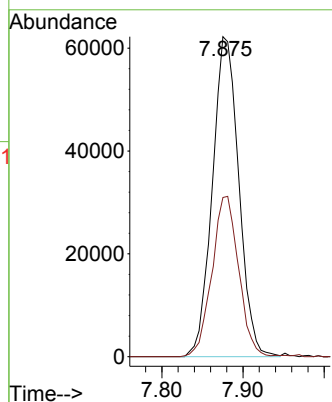
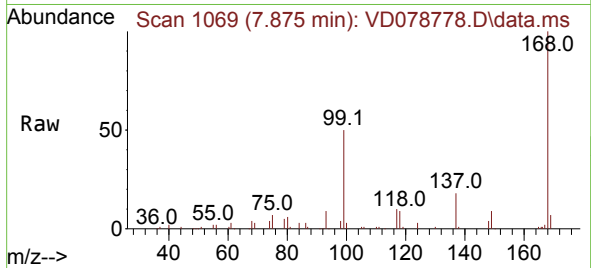




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

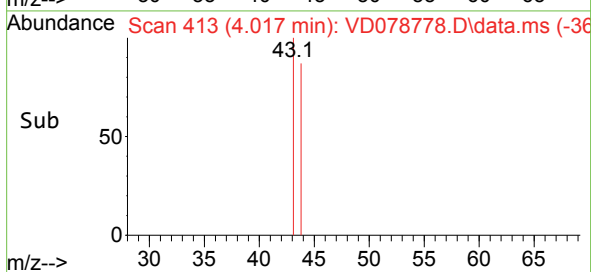
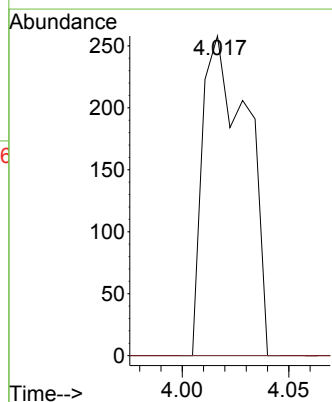
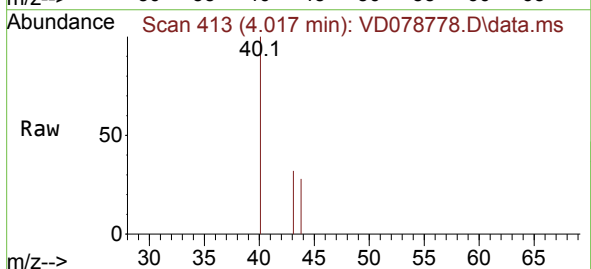
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

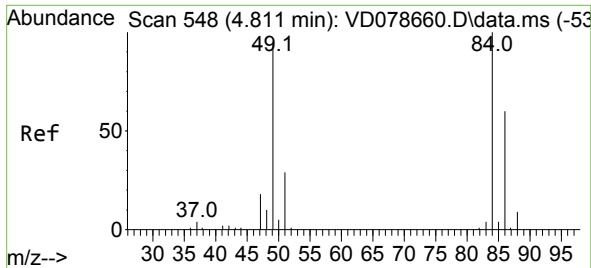
Tgt Ion:168 Resp: 140973
Ion Ratio Lower Upper
168 100
99 49.7 38.8 58.2



#16
Acetone
Concen: 1.468 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

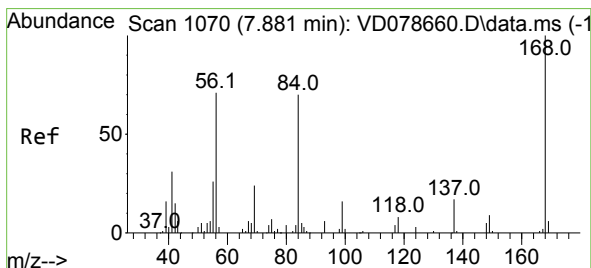
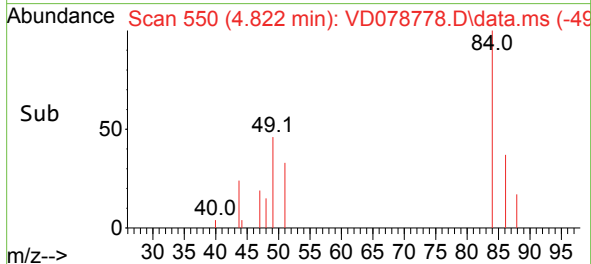
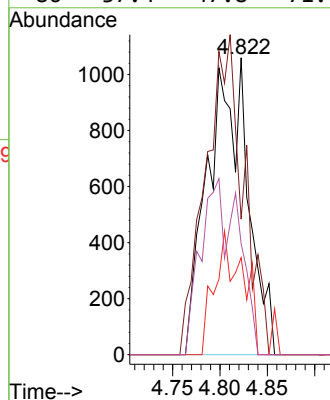
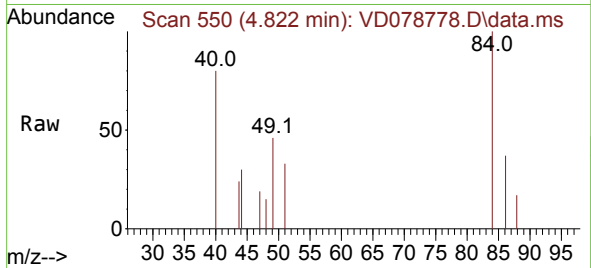




#20
Methylene Chloride
Concen: Below Cal
RT: 4.822 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

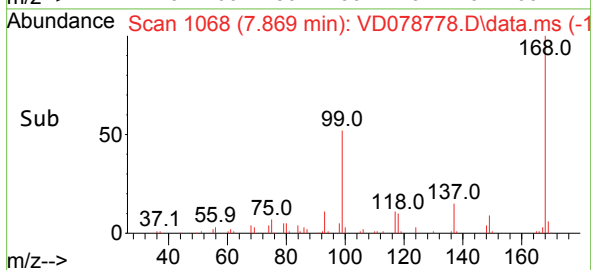
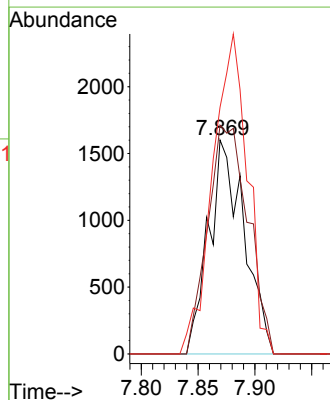
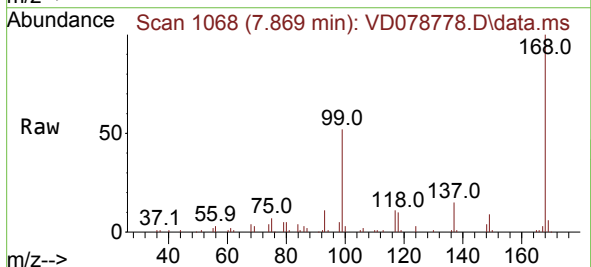
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

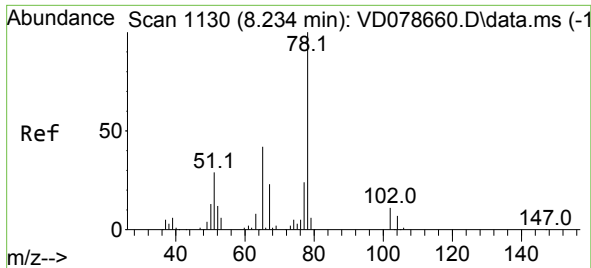
Tgt Ion: 84 Resp: 3091
Ion Ratio Lower Upper
84 100
49 45.7 75.6 113.4#
51 32.6 23.4 35.0
86 37.4 47.8 71.6#



#31
Cyclohexane
Concen: 1.561 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion: 56 Resp: 3467
Ion Ratio Lower Upper
56 100
69 107.0 26.6 40.0#
84 143.6 79.4 119.2#

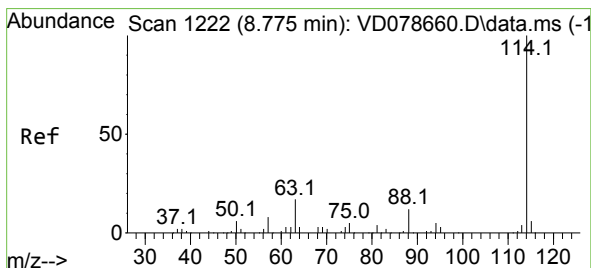
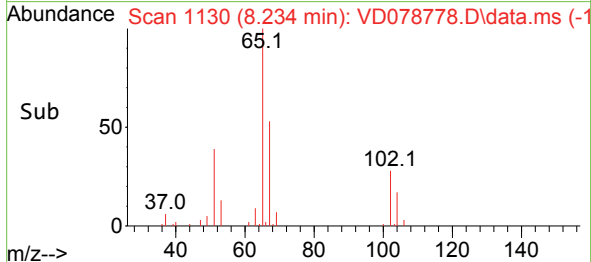
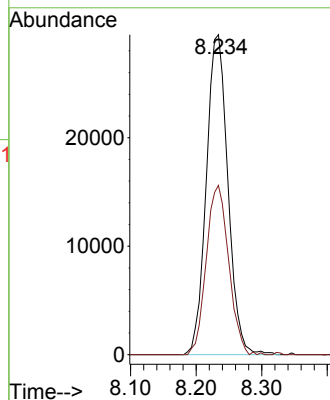
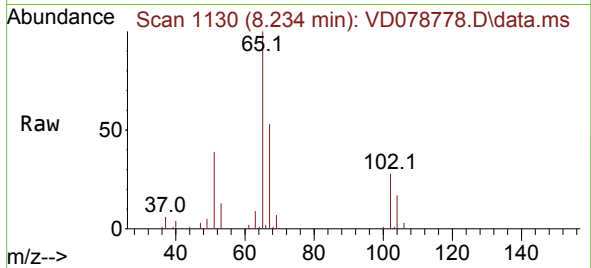




#33
1,2-Dichloroethane-d4
Concen: 51.109 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

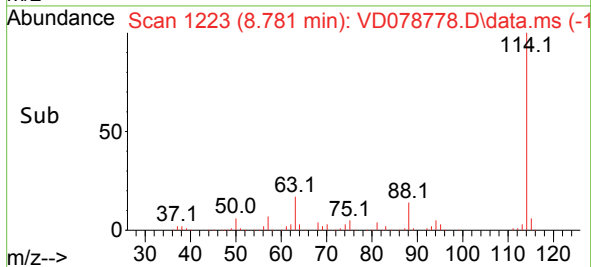
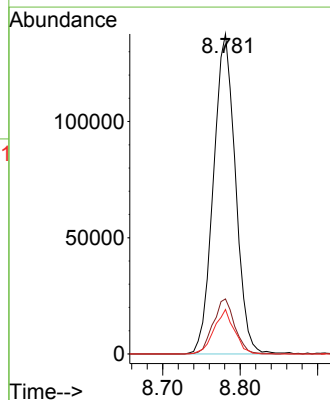
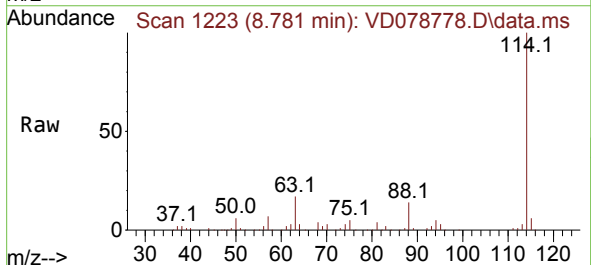
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

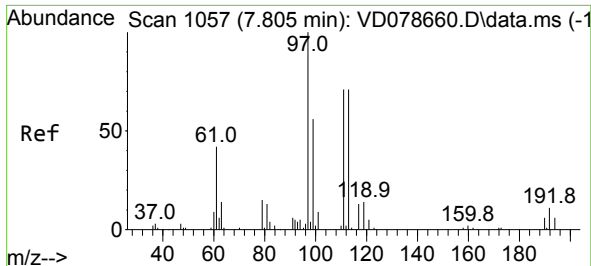
Tgt Ion: 65 Resp: 67522
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion: 114 Resp: 271757
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 13.9 0.0 24.6

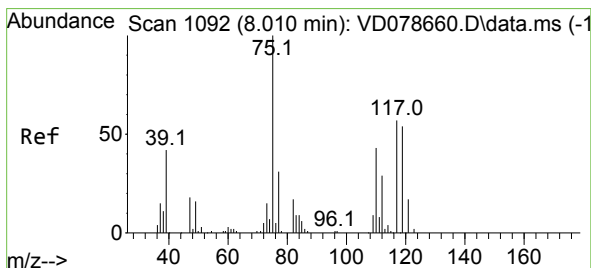
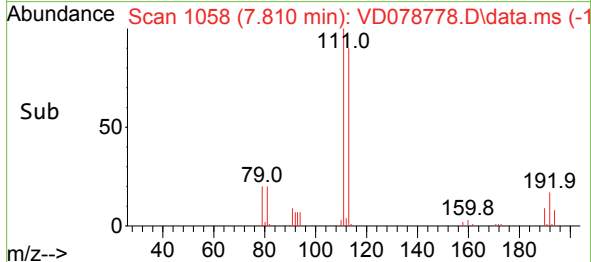
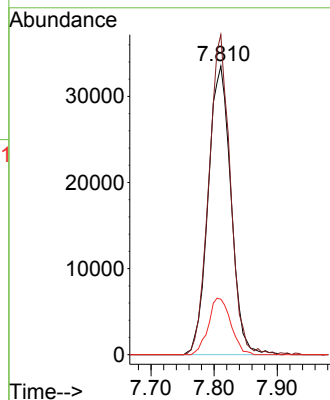
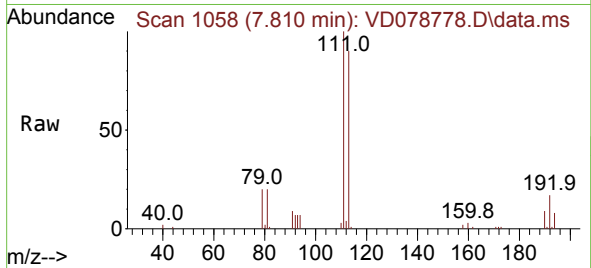




#35
Dibromofluoromethane
Concen: 48.069 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

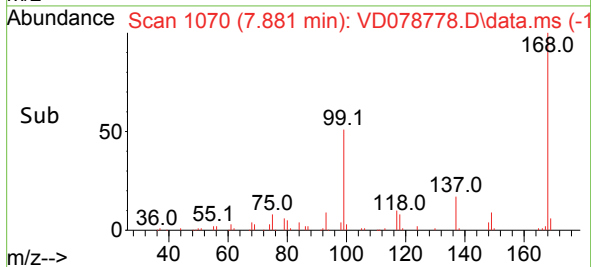
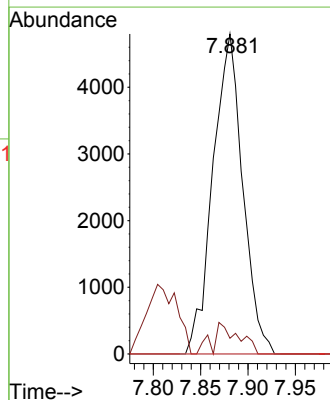
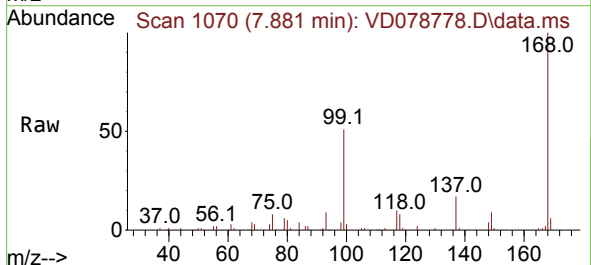
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

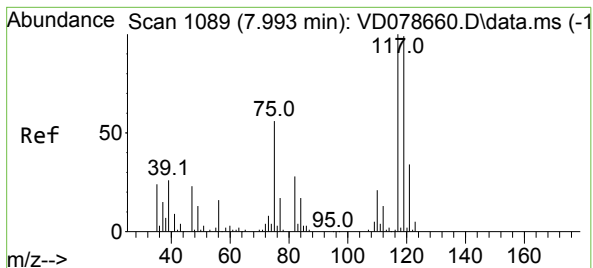
Tgt Ion:113 Resp: 84106
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.142 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion: 75 Resp: 10515
Ion Ratio Lower Upper
75 100
110 8.5 19.1 57.1#
77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.231 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078778.D

Acq: 28 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VNJ-209

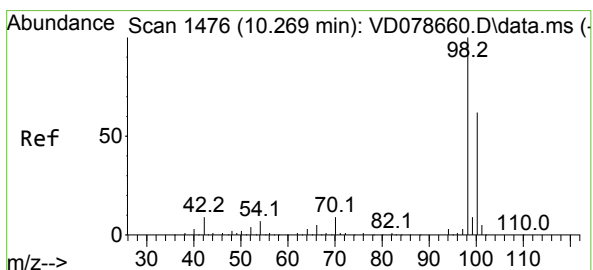
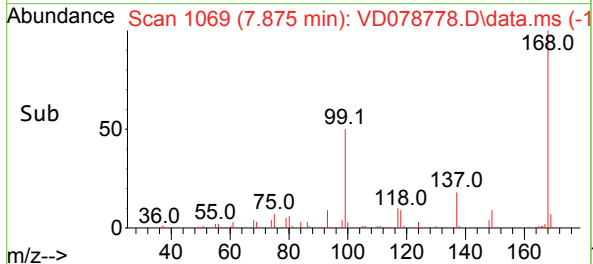
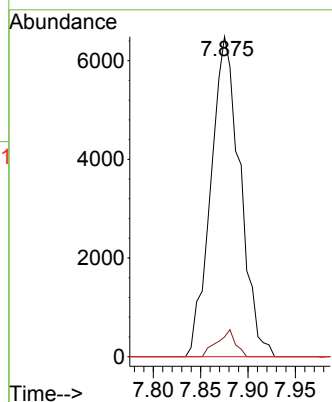
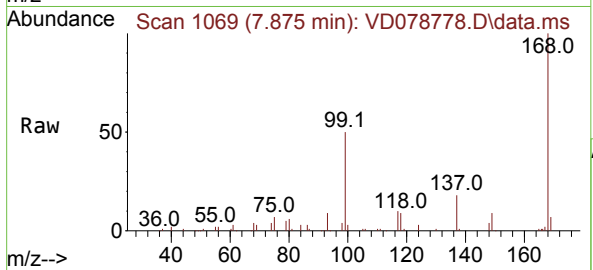
Tgt Ion:117 Resp: 14000

Ion Ratio Lower Upper

117 100

119 6.1 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 51.263 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078778.D

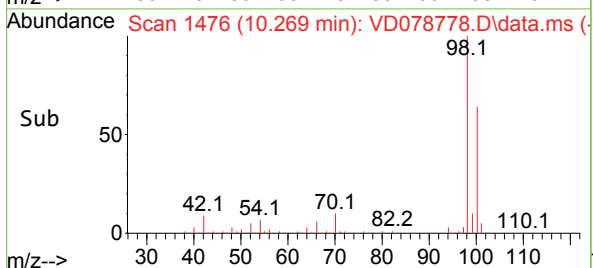
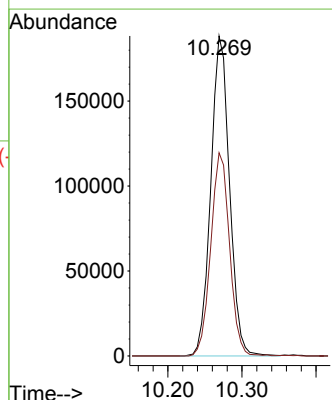
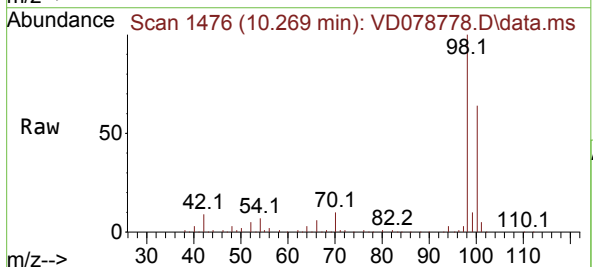
Acq: 28 Mar 2024 16:57

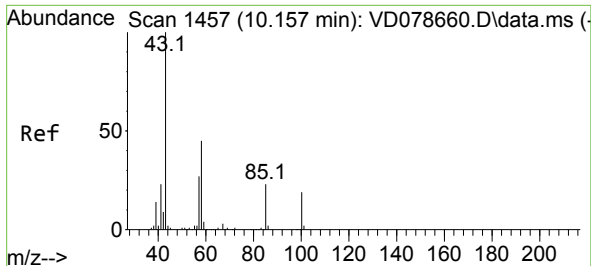
Tgt Ion: 98 Resp: 329870

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

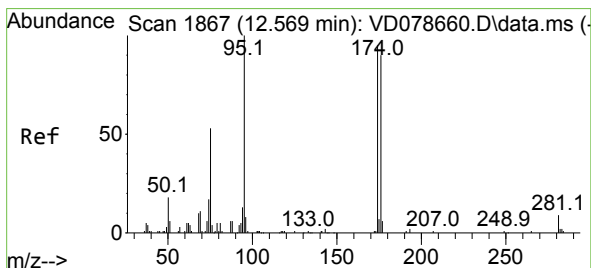
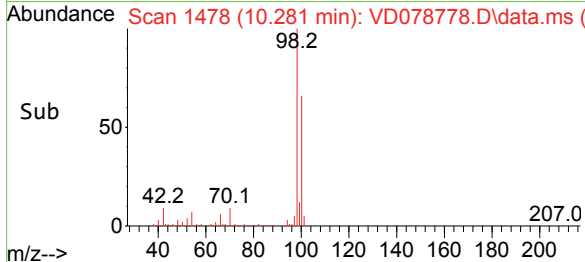
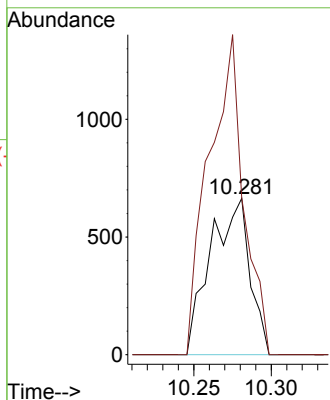
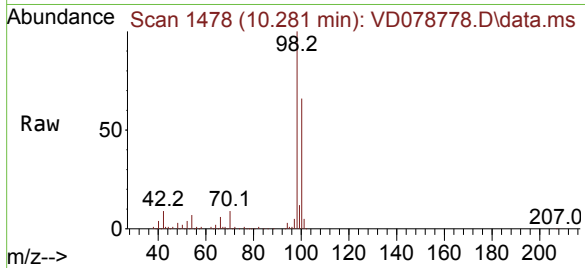




#51
4-Methyl-2-Pentanone
Concen: 1.486 ug/l
RT: 10.281 min Scan# 1457
Delta R.T. 0.124 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

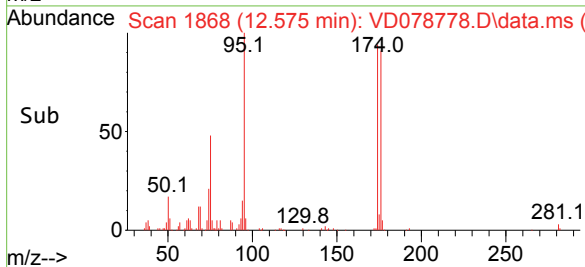
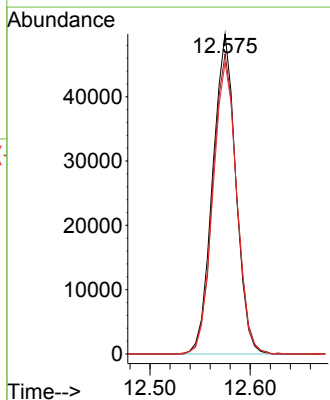
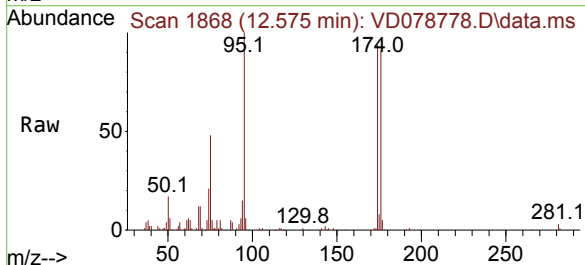
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

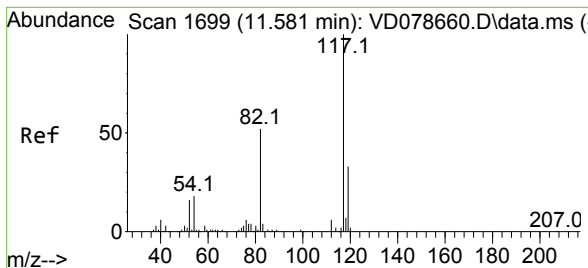
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 180.9 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 42.246 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion: 95 Resp: 79531
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.2
176 93.9 0.0 188.2

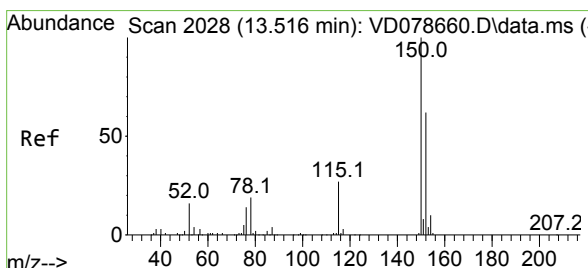
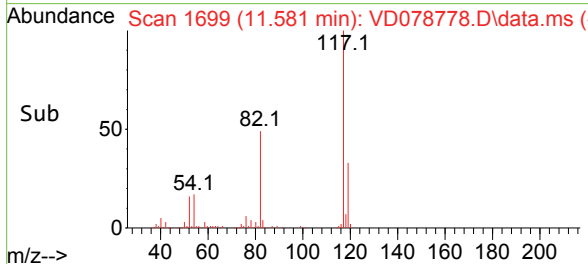
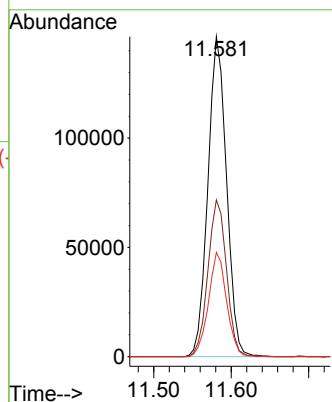
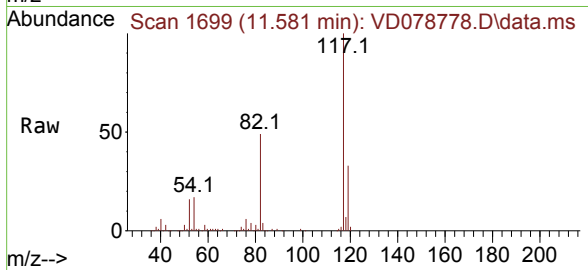




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

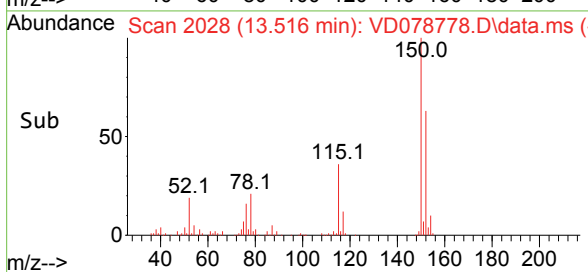
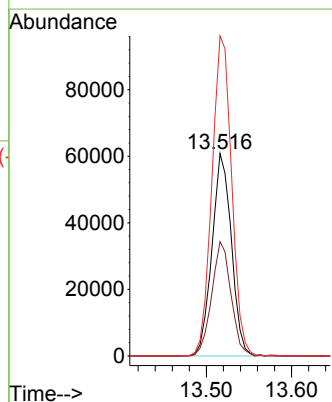
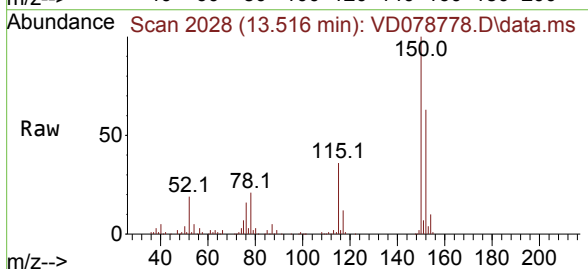
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

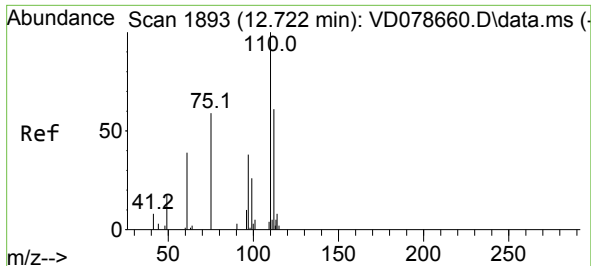
Tgt Ion:117 Resp: 244622
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.2
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion:152 Resp: 96141
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.2
150 160.6 0.0 350.2

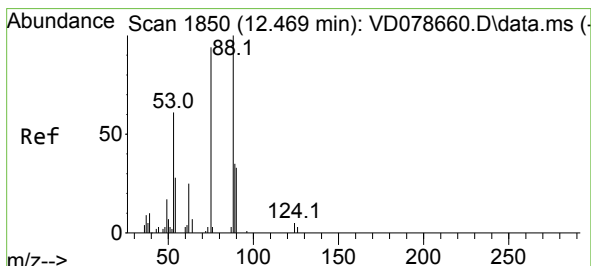
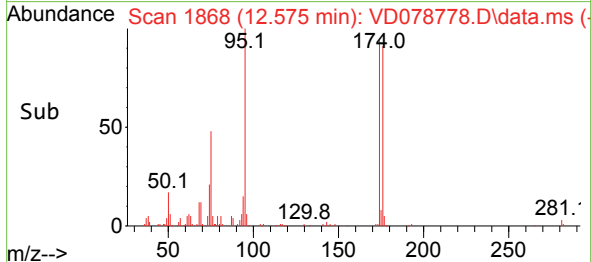
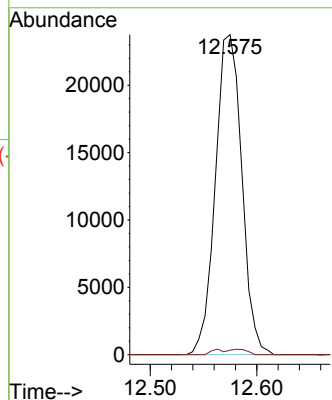
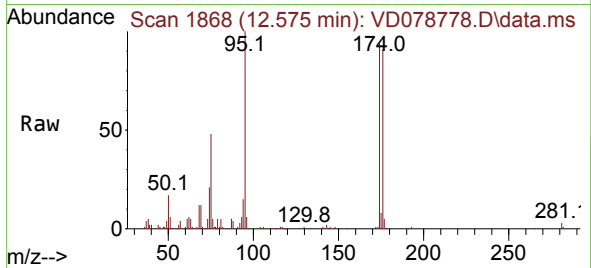




#76
1,2,3-Trichloropropane
Concen: 55.192 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion: 75 Resp: 40881
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.691 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078778.D
Acq: 28 Mar 2024 16:57

Tgt Ion: 75 Resp: 40881
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

