

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078741.D
 Acq On : 22 Mar 2024 14:28
 Operator : RP/MD
 Sample : P1830-02
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206RE

Quant Time: Mar 22 23:20:23 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)

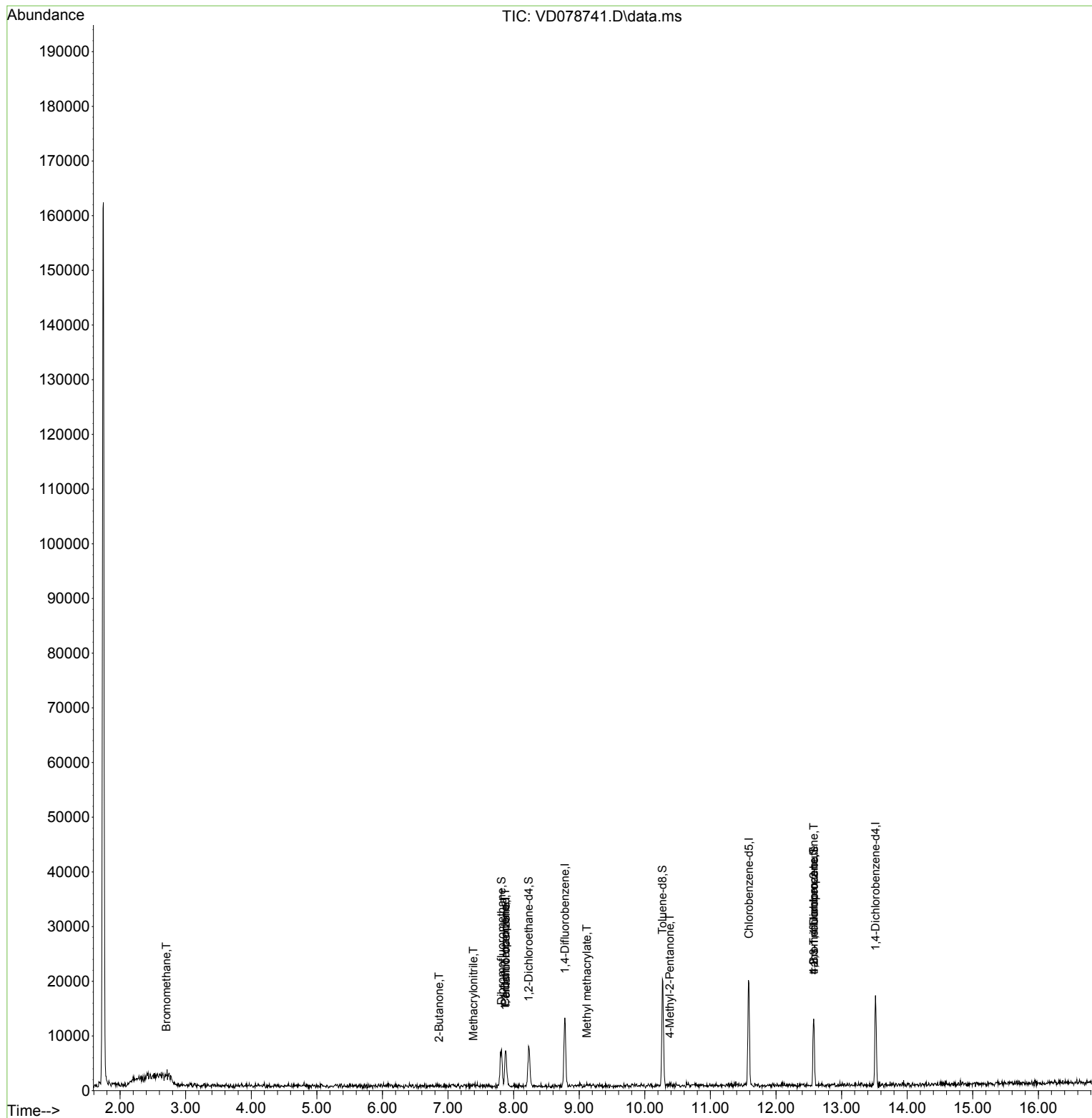
Internal Standards						
1) Pentafluorobenzene	7.881	168	5992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	12212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	13067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5894	104.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 209.920%#	
35) Dibromofluoromethane	7.816	113	5030	63.973	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.940%	
50) Toluene-d8	10.269	98	14313	49.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.575	95	4194	49.576	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.705	94	183	1.471	ug/l #	44
25) 2-Butanone	6.863	43	75	5.195	ug/l #	43
36) 1,1-Dichloropropene	7.869	75	385	3.375	ug/l #	40
38) Carbon Tetrachloride	7.875	117	755	6.278	ug/l #	11
41) Methacrylonitrile	7.387	41	61	3.123	ug/l #	16
48) Methyl methacrylate	9.116	41	54	1.635	ug/l #	1
51) 4-Methyl-2-Pentanone	10.381	43	60	1.693	ug/l #	31
76) 1,2,3-Trichloropropane	12.575	75	2066	55.234	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2066	115.778	ug/l #	19

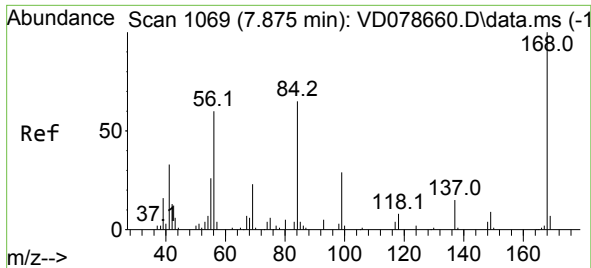
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
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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

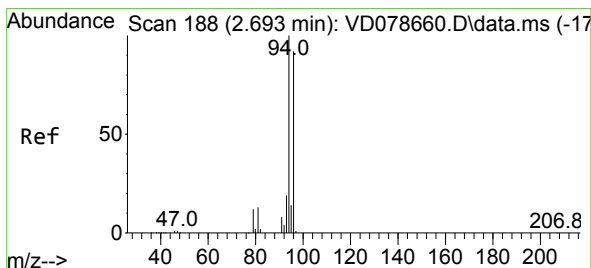
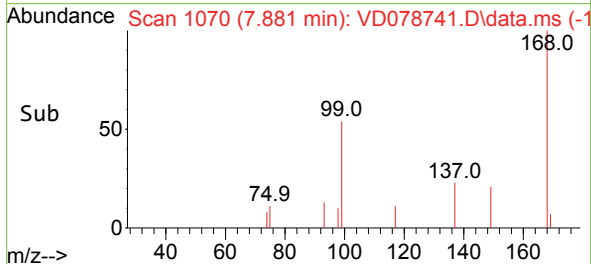
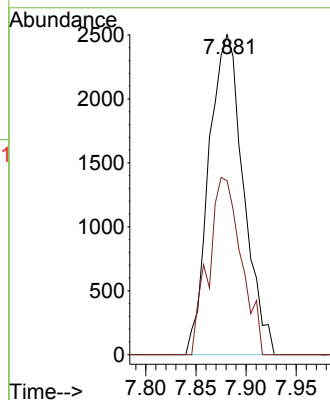
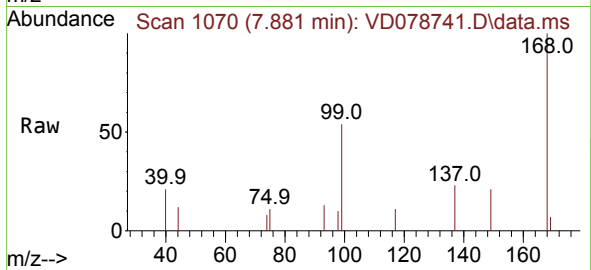




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

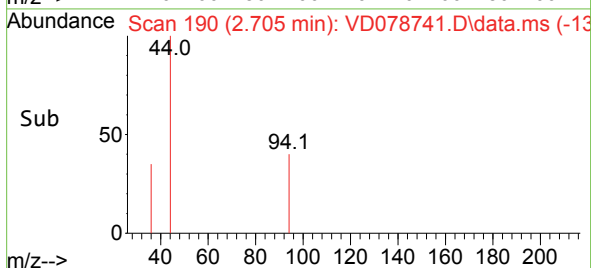
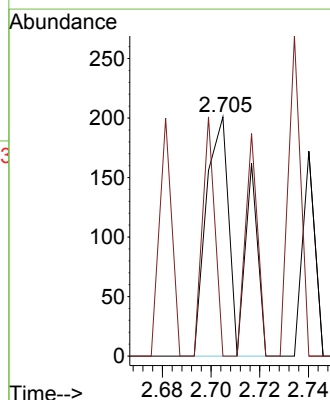
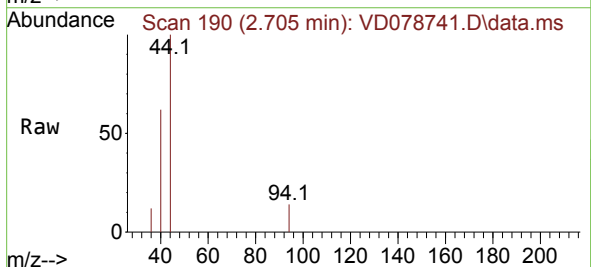
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206RE

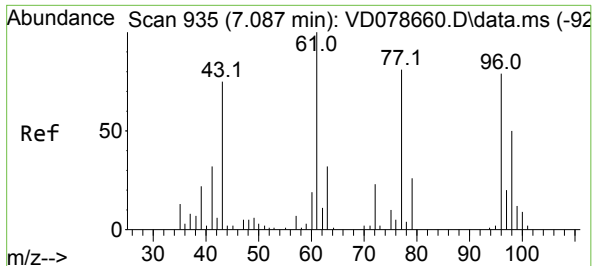
Tgt Ion:168 Resp: 5992
Ion Ratio Lower Upper
168 100
99 54.3 38.8 58.2



#5
Bromomethane
Concen: 1.471 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.012 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 38.8 73.5 110.3#





#25

2-Butanone

Concen: 5.195 ug/l

RT: 6.863 min Scan# 897

Delta R.T. -0.224 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :

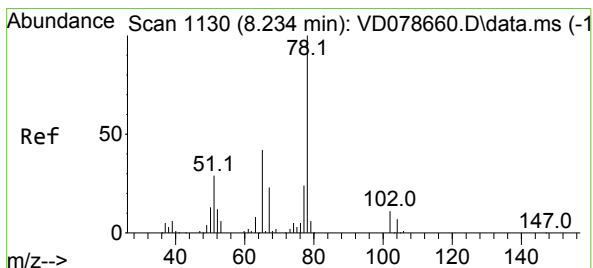
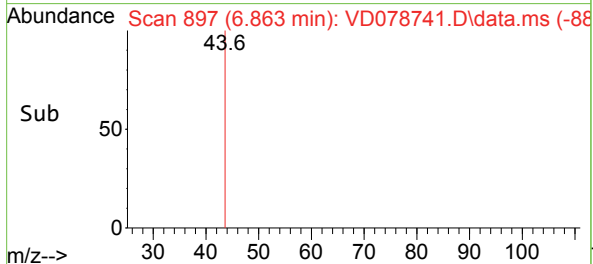
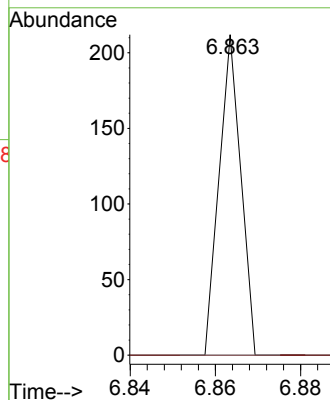
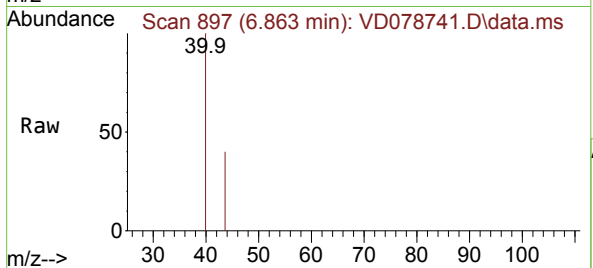
VNJ-206RE

Tgt Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

72 0.0 25.0 37.6#



#33

1,2-Dichloroethane-d4

Concen: 104.960 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078741.D

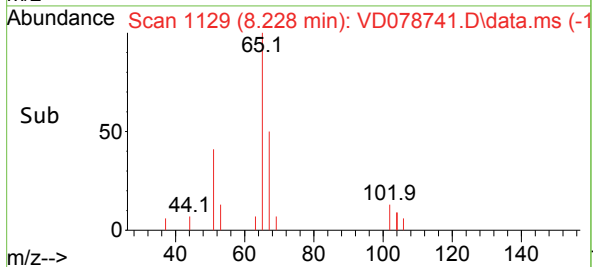
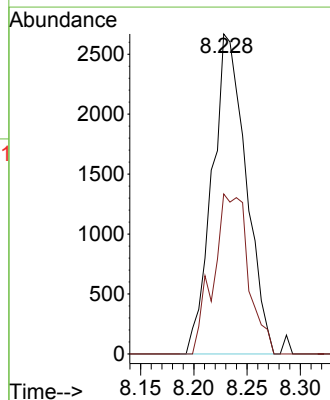
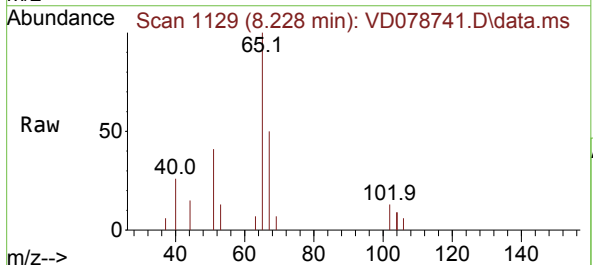
Acq: 22 Mar 2024 14:28

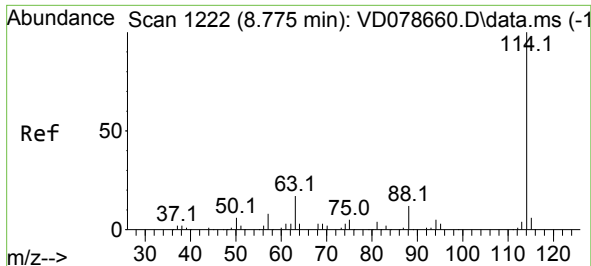
Tgt Ion: 65 Resp: 5894

Ion Ratio Lower Upper

65 100

67 51.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206RE

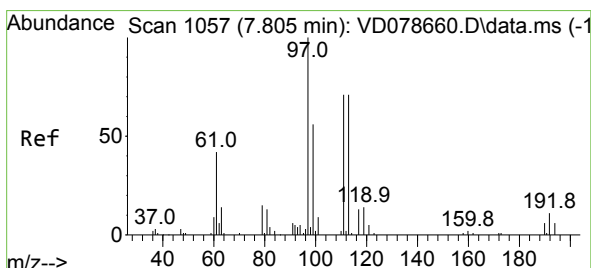
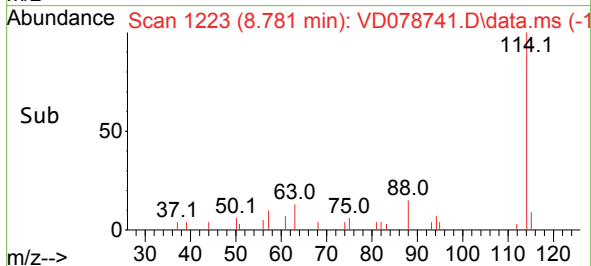
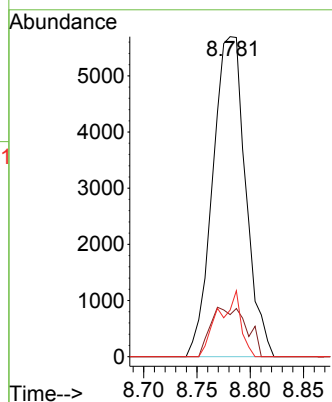
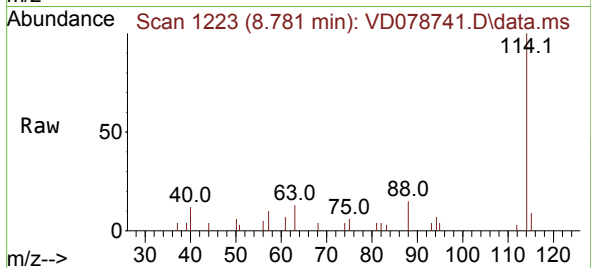
Tgt Ion:114 Resp: 12212

Ion Ratio Lower Upper

114 100

63 13.1 0.0 33.4

88 14.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 63.973 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

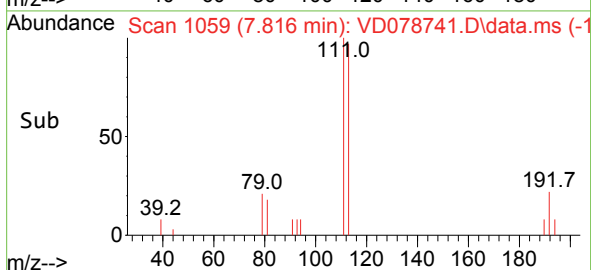
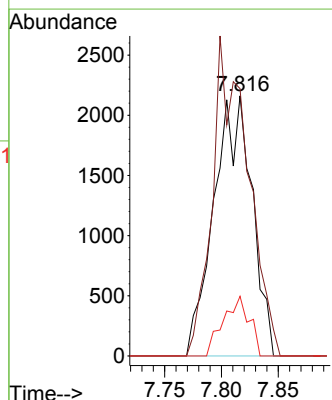
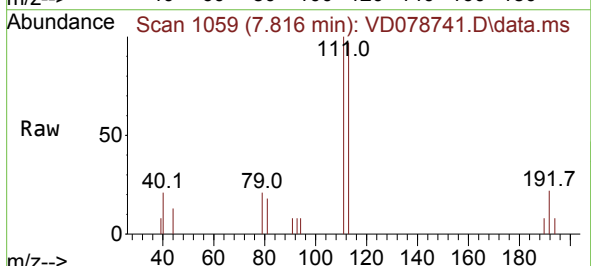
Tgt Ion:113 Resp: 5030

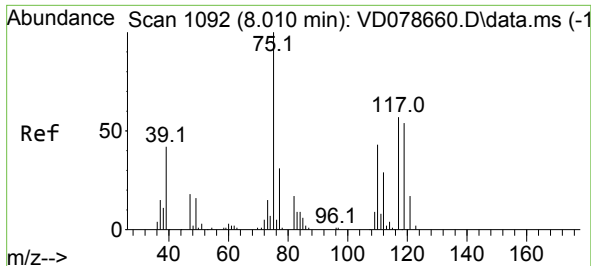
Ion Ratio Lower Upper

113 100

111 114.0 81.9 122.9

192 15.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.375 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078741.D

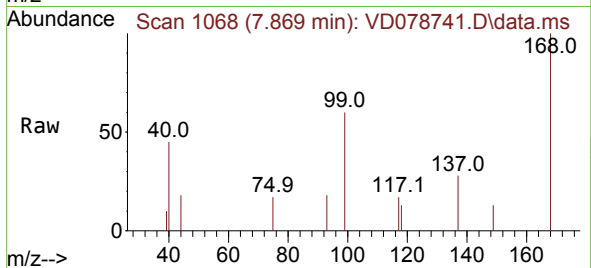
Acq: 22 Mar 2024 14:28

Instrument :

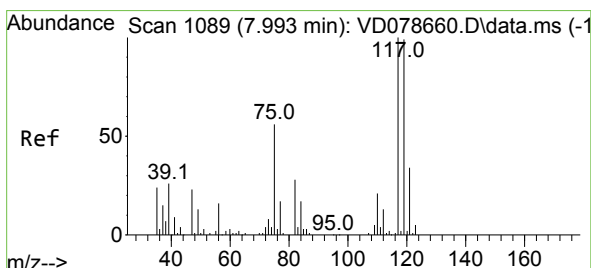
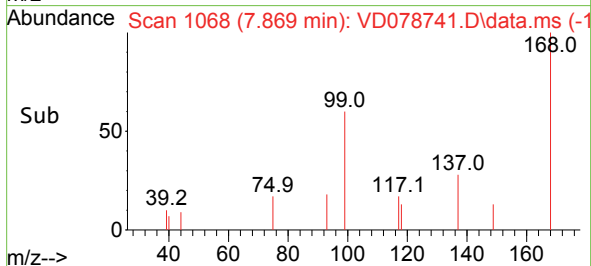
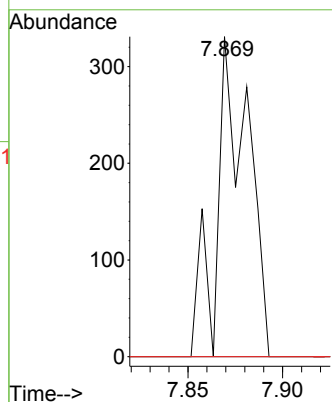
MSVOA_D

ClientSampleId :

VNJ-206RE



Tgt Ion: 75	Resp: 385
Ion Ratio	Lower Upper
75	100
110	0.0 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.278 ug/l

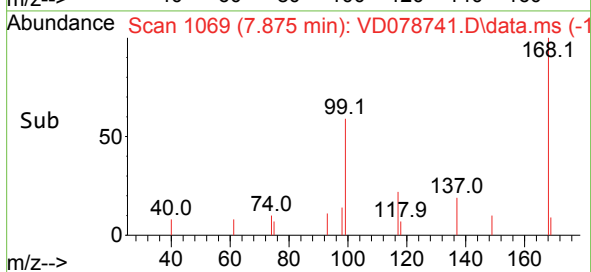
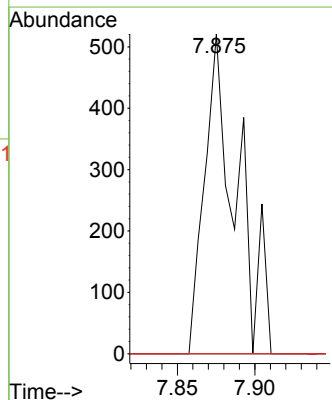
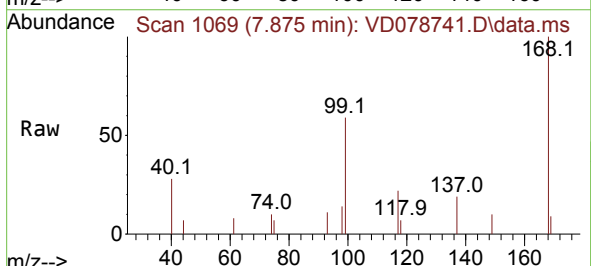
RT: 7.875 min Scan# 1069

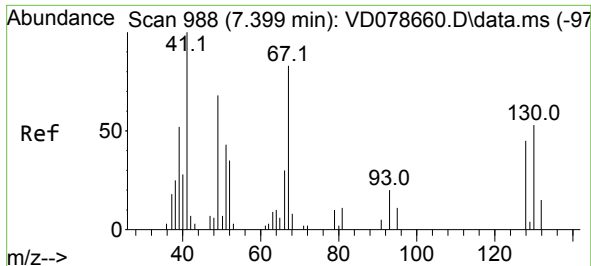
Delta R.T. -0.118 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

Tgt Ion: 117	Resp: 755
Ion Ratio	Lower Upper
117	100
119	0.0 79.2 118.8#
121	0.0 26.8 40.2#

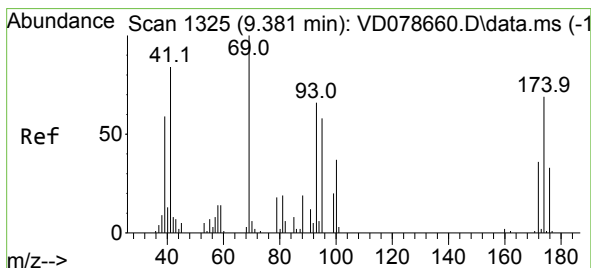
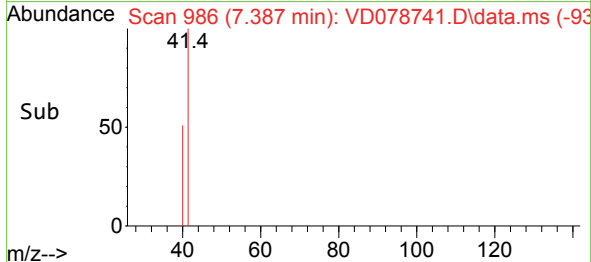
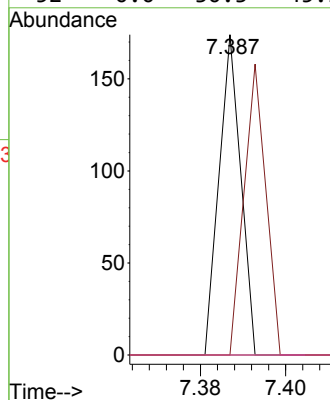
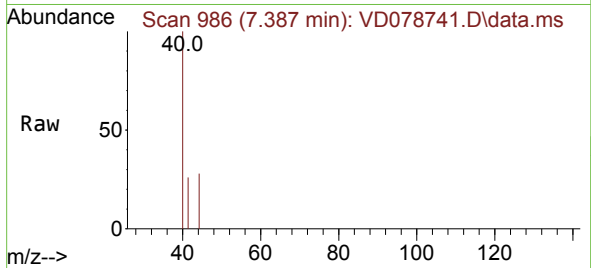




#41
Methacrylonitrile
Concen: 3.123 ug/l
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

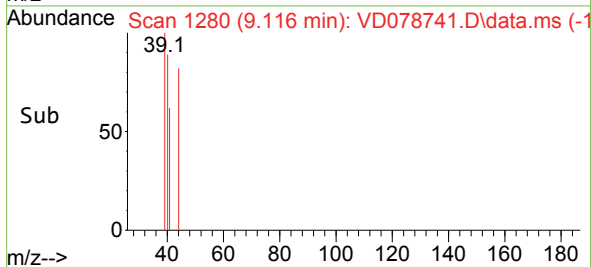
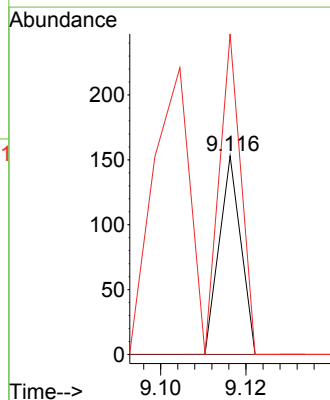
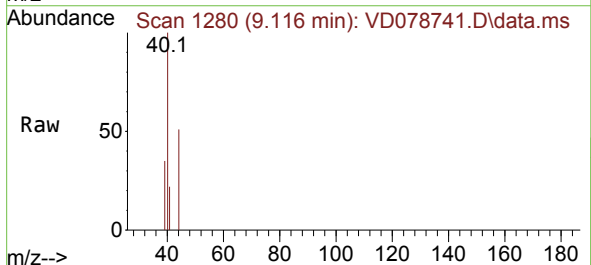
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206RE

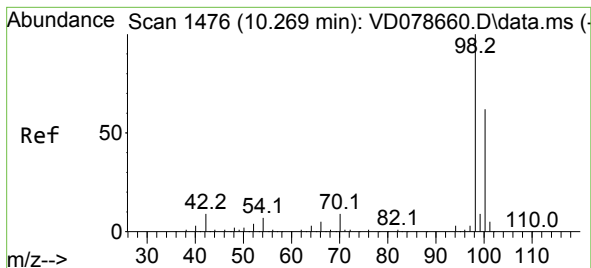
Tgt Ion: 41	Resp: 61
Ion Ratio	Lower Upper
41 100	
39 91.8	39.8 59.6#
67 0.0	83.5 125.3#
52 0.0	30.3 45.5#



#48
Methyl methacrylate
Concen: 1.635 ug/l
RT: 9.116 min Scan# 1280
Delta R.T. -0.265 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

Tgt Ion: 41	Resp: 54
Ion Ratio	Lower Upper
41 100	
69 0.0	88.3 132.5#
39 305.6	46.6 69.8#





#50

Toluene-d8

Concen: 49.498 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :

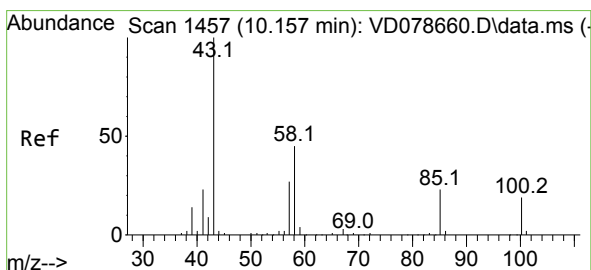
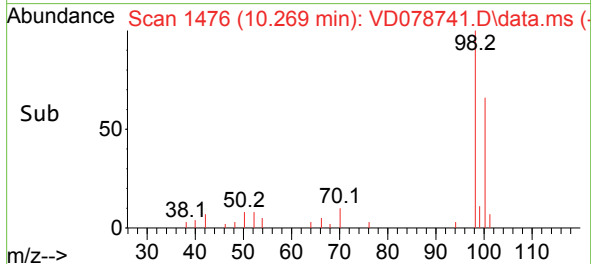
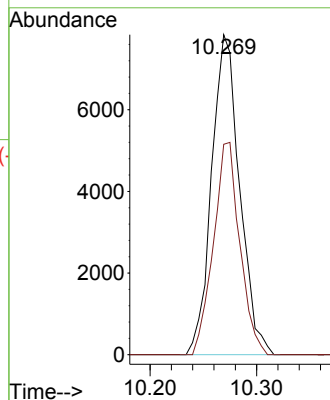
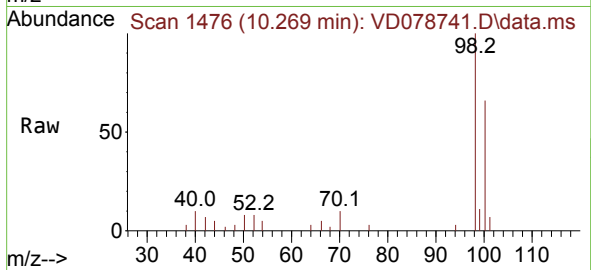
VNJ-206RE

Tgt Ion: 98 Resp: 14313

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7



#51

4-Methyl-2-Pentanone

Concen: 1.693 ug/l

RT: 10.381 min Scan# 1495

Delta R.T. 0.224 min

Lab File: VD078741.D

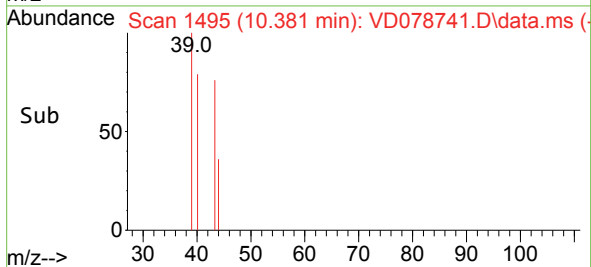
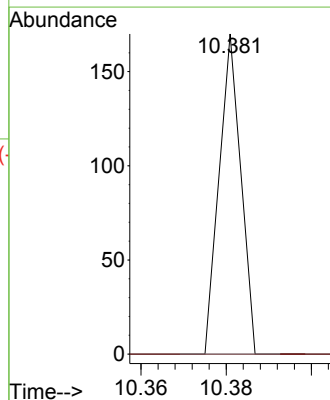
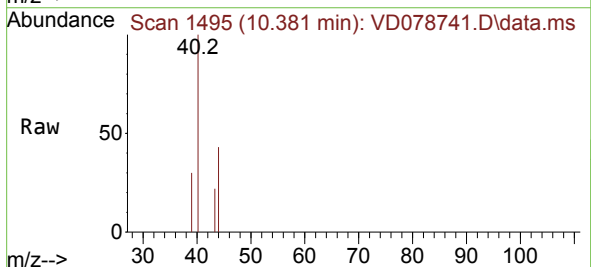
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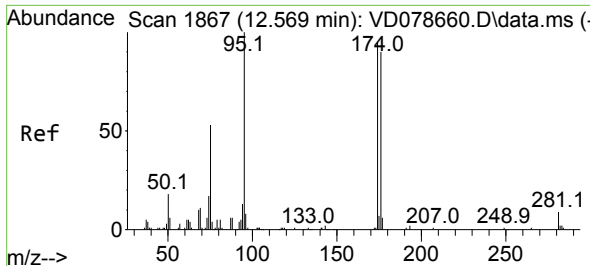
Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

58 0.0 36.4 54.6#

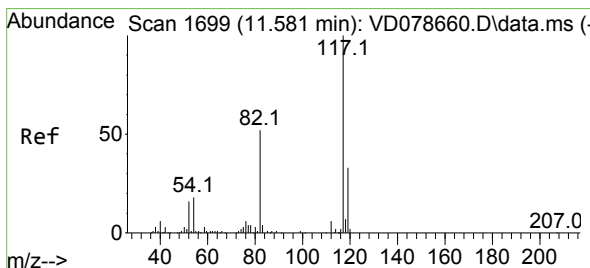
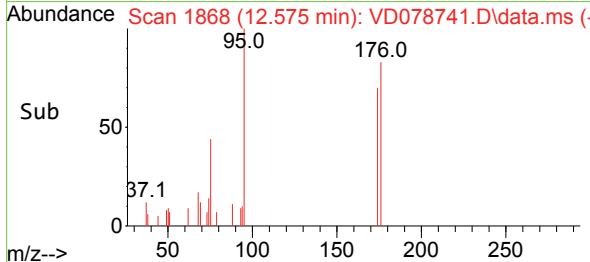
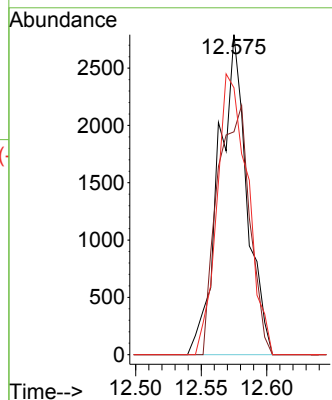
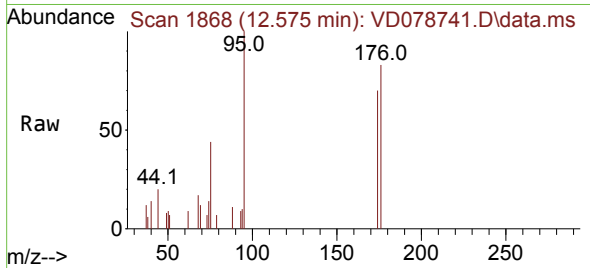




#62
4-Bromofluorobenzene
Concen: 49.576 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

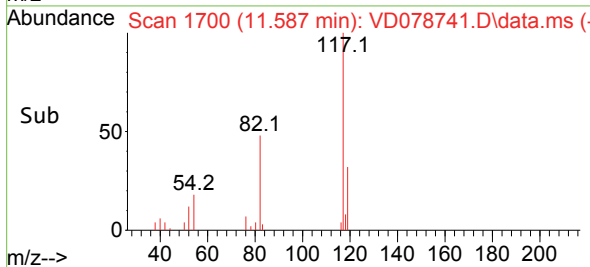
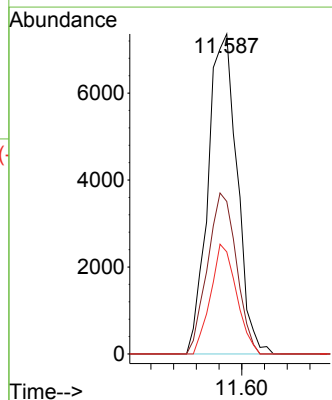
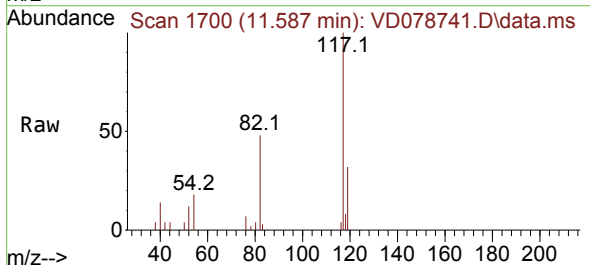
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206RE

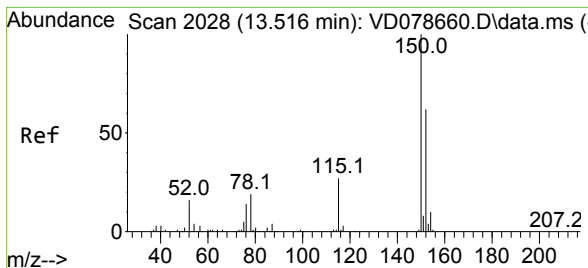
Tgt Ion: 95 Resp: 4194
Ion Ratio Lower Upper
95 100
174 89.2 0.0 195.2
176 95.2 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

Tgt Ion: 117 Resp: 13067
Ion Ratio Lower Upper
117 100
82 47.6 41.4 62.2
119 31.9 26.5 39.7

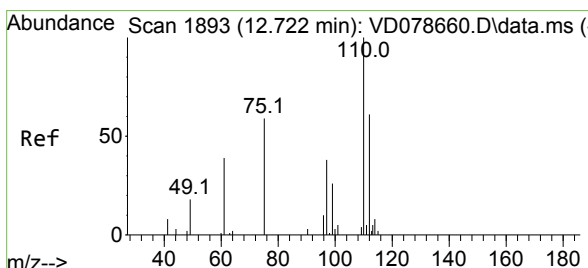
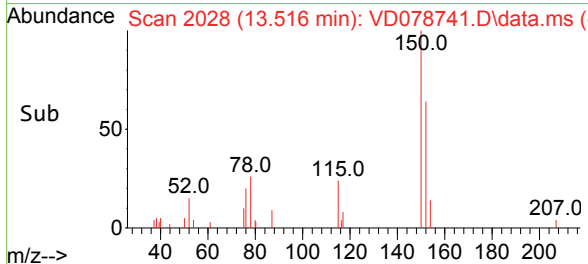
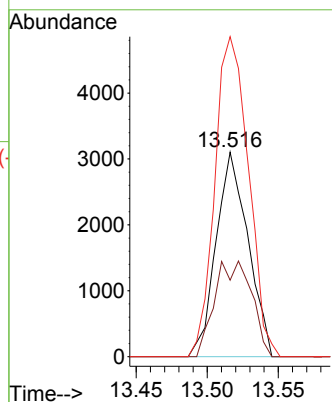
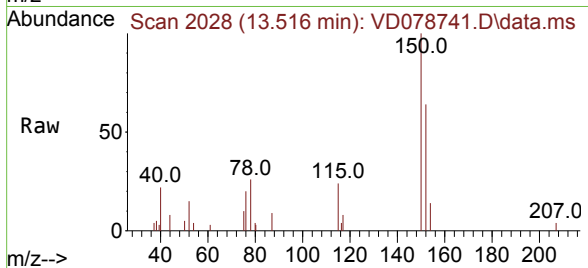




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078741.D
 Acq: 22 Mar 2024 14:28

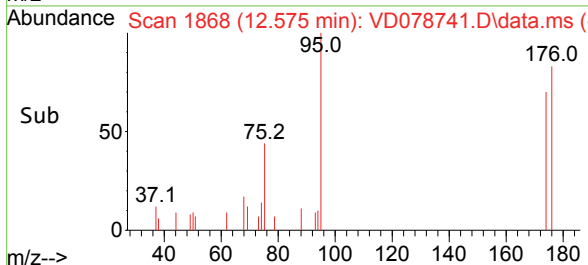
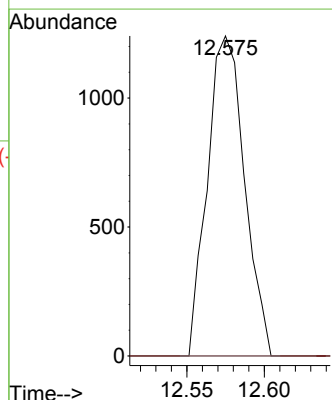
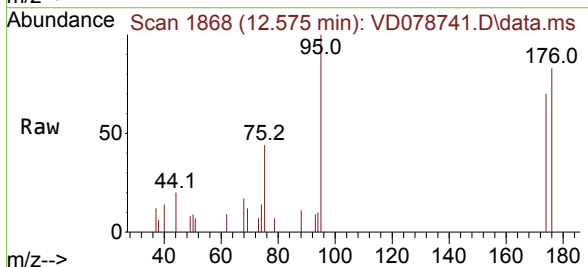
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206RE

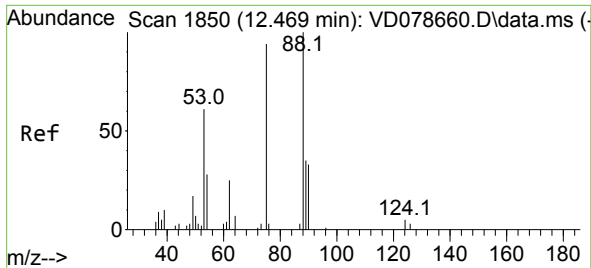
Tgt Ion:152 Resp: 4855
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.2
 150 164.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 55.234 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078741.D
 Acq: 22 Mar 2024 14:28

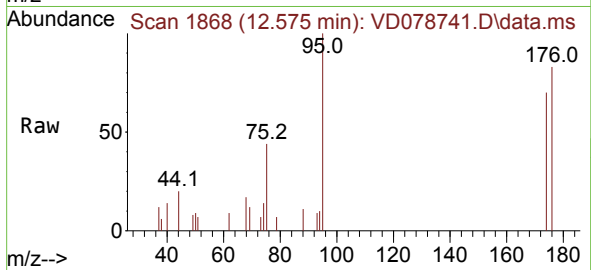
Tgt Ion: 75 Resp: 2066
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 115.778 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206RE



Tgt Ion:	75	Resp:	2066
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

