

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083269.D
 Acq On : 13 Aug 2024 19:45
 Operator : JC\MD
 Sample : P3429-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 925-K1-WS-073124

Quant Time: Aug 14 01:49:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

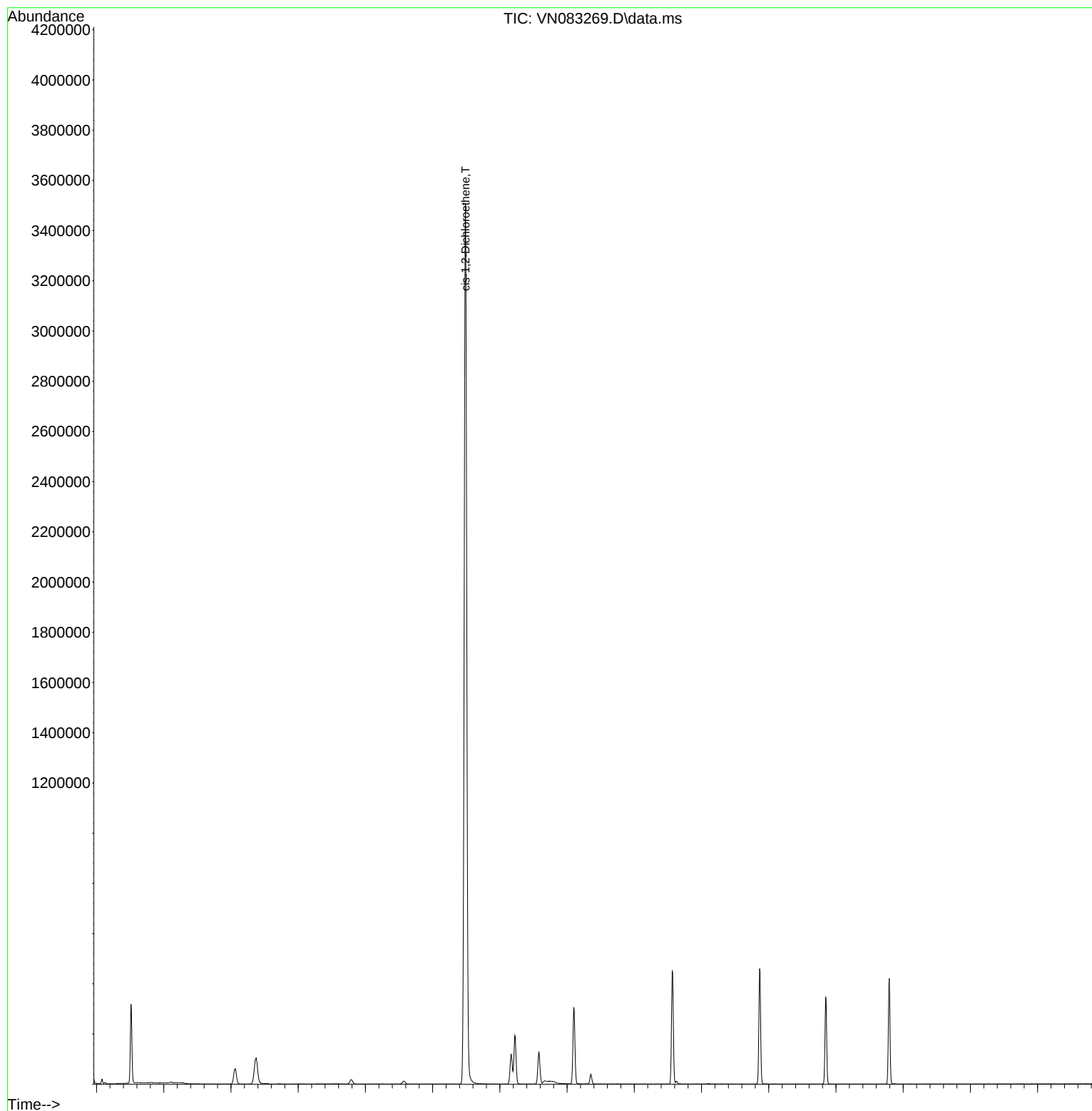
Internal Standards						
1) Pentafluorobenzene	8.224	168	131513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106997	57.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.320%			
35) Dibromofluoromethane	8.171	113	85905	53.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.720%			
50) Toluene-d8	10.565	98	317651	53.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.847	95	126373	54.482	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.960%			
Target Compounds						
4) Vinyl Chloride	2.512	62	300019	192.568	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	71936	50.695	ug/l	99
12) 1,1-Dichloroethene	4.347	96	5493	3.768	ug/l #	77
16) Acetone	4.436	43	9117	12.447	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	11501	7.633	ug/l	91
24) 1,1-Dichloroethane	6.571	63	18791	6.657	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	2080407	1144.206	ug/l	84
40) Benzene	8.606	78	4133	0.575	ug/l	91
44) Trichloroethene	9.353	130	13314	7.782	ug/l	86
52) Toluene	10.629	92	5037	1.109	ug/l	99
65) Chlorobenzene	11.888	112	1490	0.262	ug/l	97

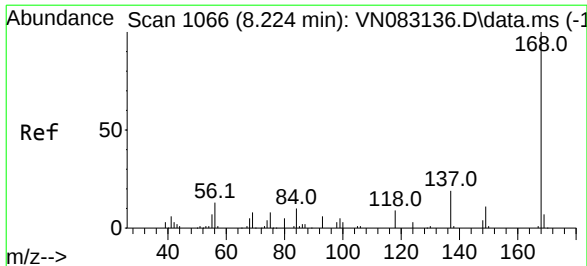
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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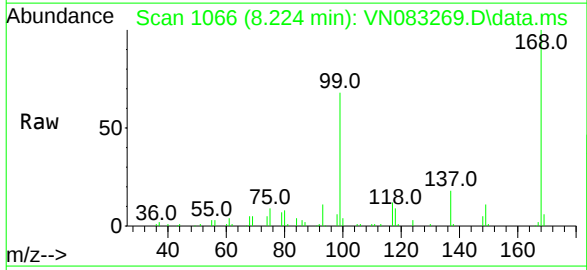
Quant Time: Aug 14 01:49:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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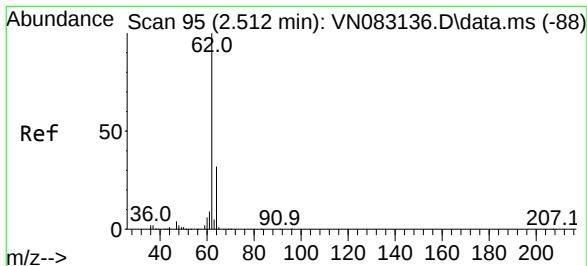
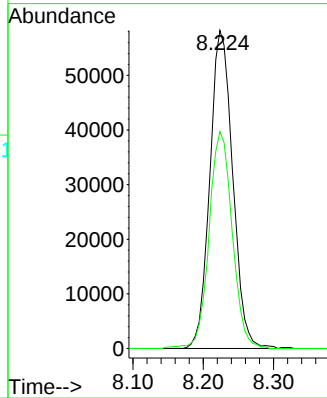
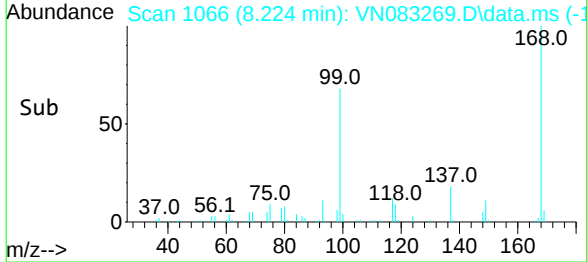


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083269.D
Acq: 13 Aug 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
925-K1-WS-073124

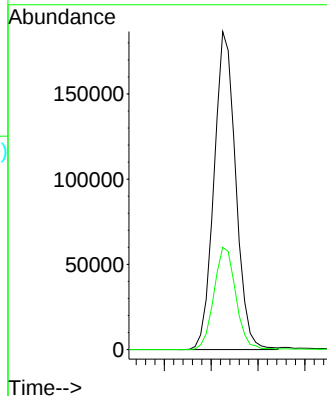
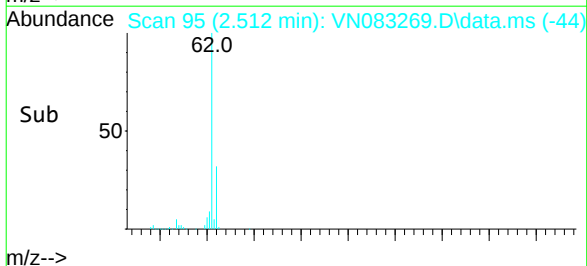
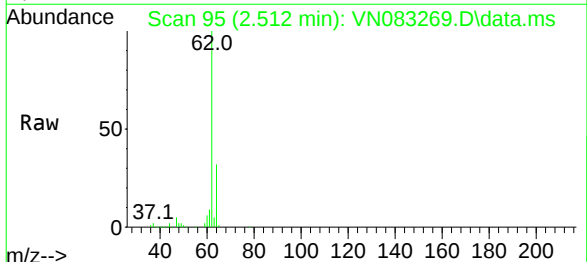


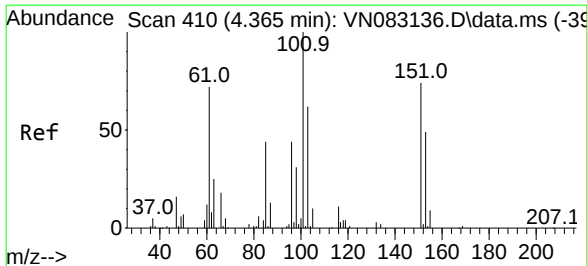
Tgt Ion:168 Resp: 131513
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#4
Vinyl Chloride
Concen: 192.568 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083269.D
Acq: 13 Aug 2024 19:45

Tgt Ion: 62 Resp: 300019
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

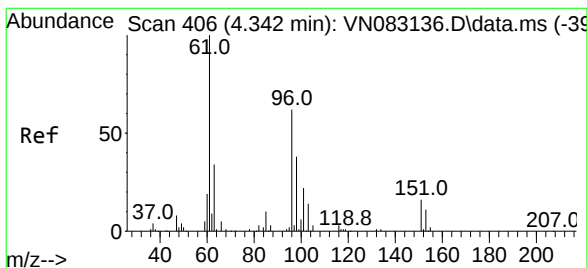
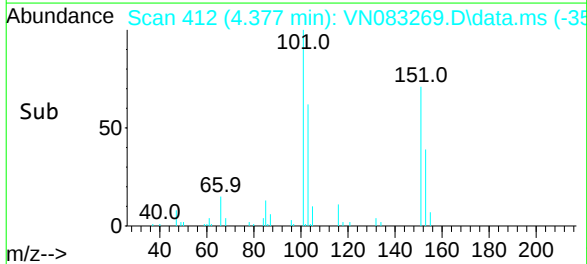
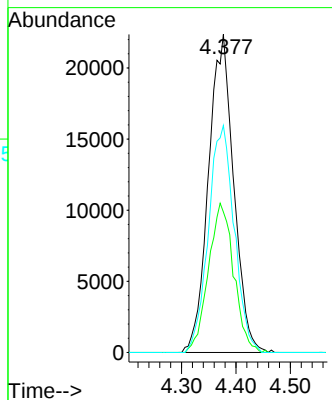
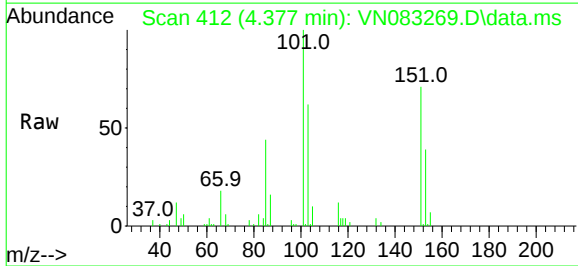




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.695 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN083269.D
Acq: 13 Aug 2024 19:45

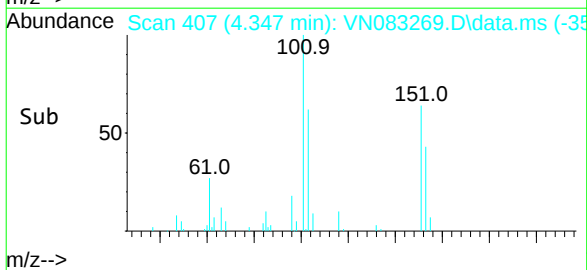
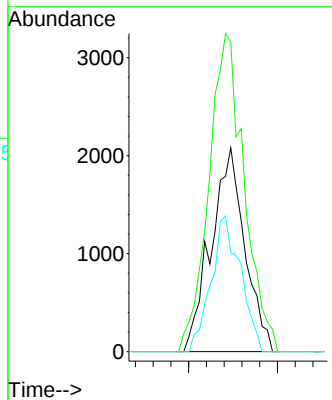
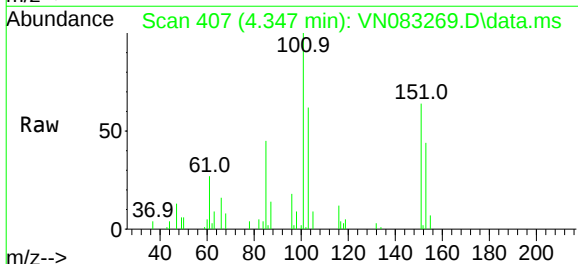
Instrument :
MSVOA_N
ClientSampleId :
925-K1-WS-073124

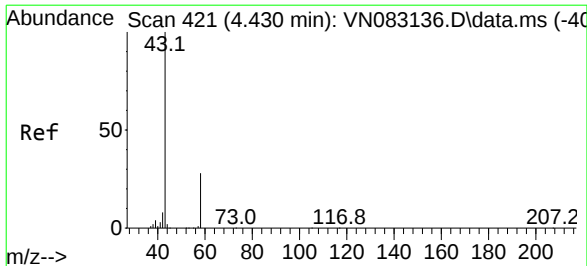
Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.2	38.3	57.5
151	73.2	59.3	88.9



#12
1,1-Dichloroethene
Concen: 3.768 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN083269.D
Acq: 13 Aug 2024 19:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.9	149.7	224.5
98	48.8	50.1	75.1





#16

Acetone

Concen: 12.447 ug/l

RT: 4.436 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN083269.D

Acq: 13 Aug 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

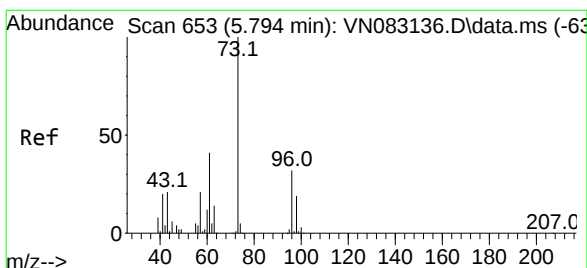
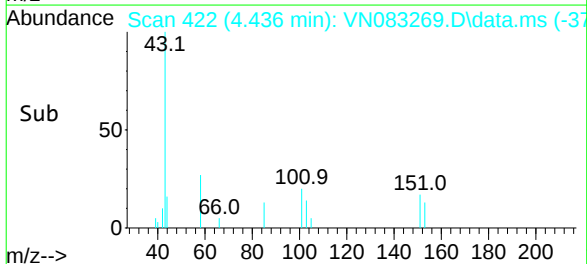
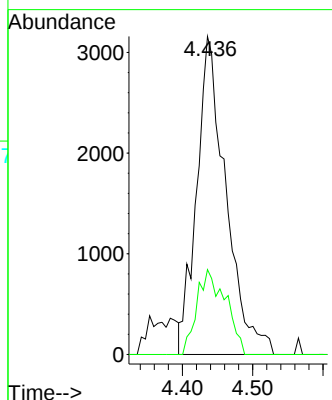
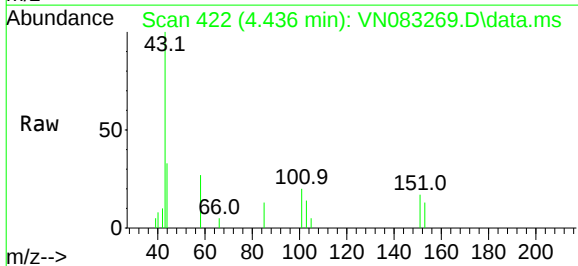
925-K1-WS-073124

Tgt Ion: 43 Resp: 9117

Ion Ratio Lower Upper

43 100

58 26.7 21.8 32.6



#21

trans-1,2-Dichloroethene

Concen: 7.633 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.012 min

Lab File: VN083269.D

Acq: 13 Aug 2024 19:45

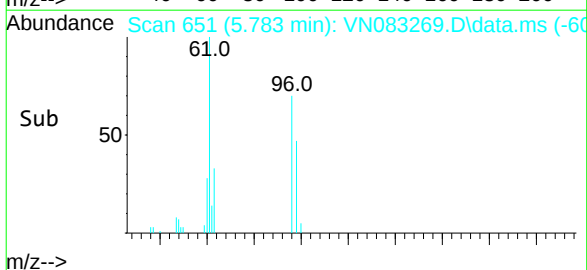
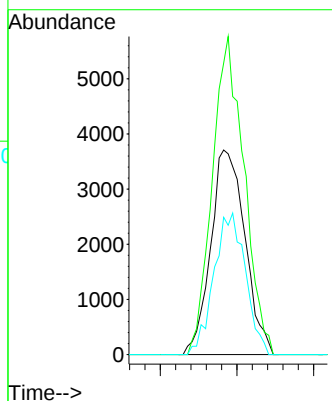
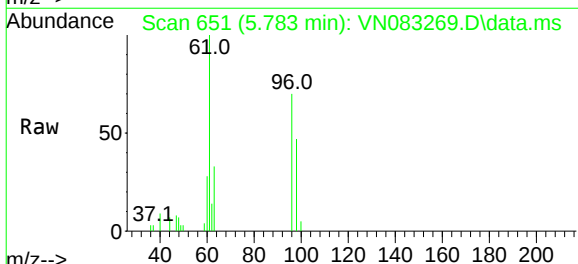
Tgt Ion: 96 Resp: 11501

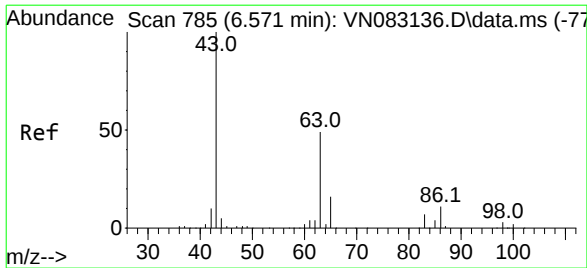
Ion Ratio Lower Upper

96 100

61 142.5 123.4 185.2

98 67.1 49.3 73.9

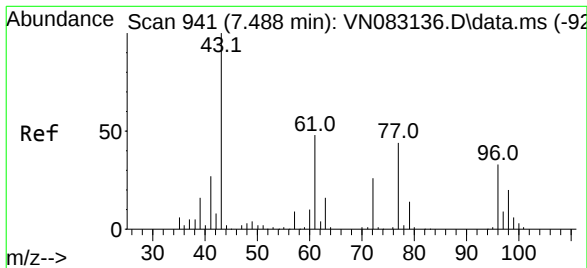
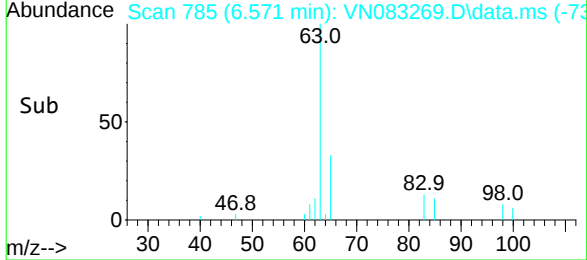
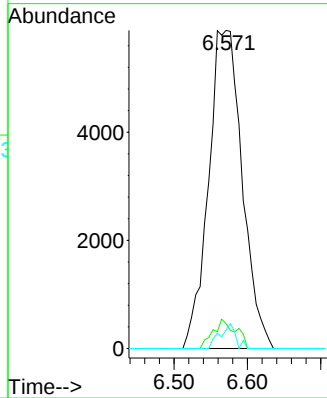
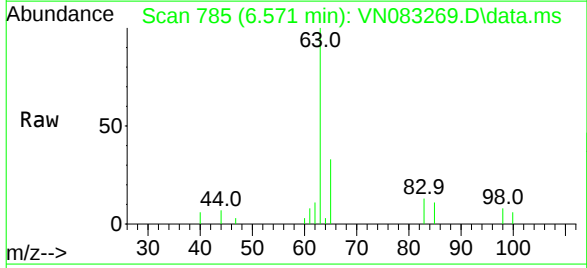




#24
1,1-Dichloroethane
Concen: 6.657 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN083269.D
Acq: 13 Aug 2024 19:45

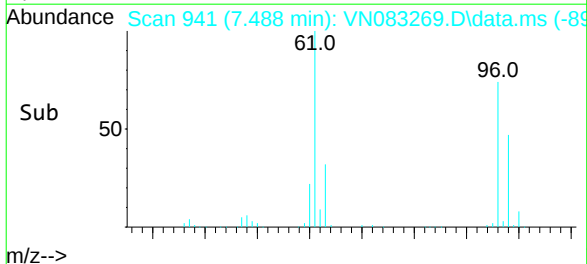
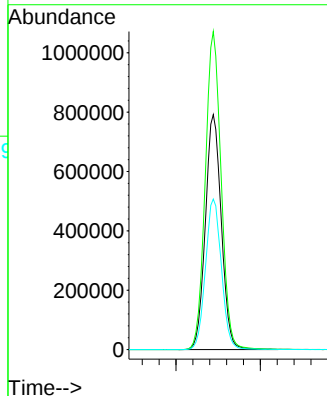
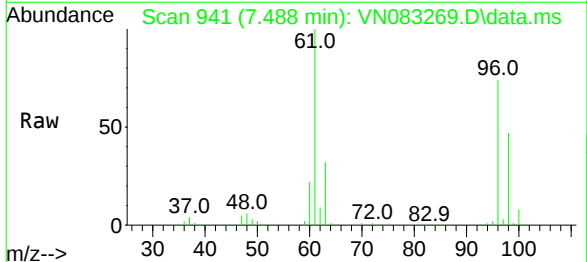
Instrument :
MSVOA_N
ClientSampleId :
925-K1-WS-073124

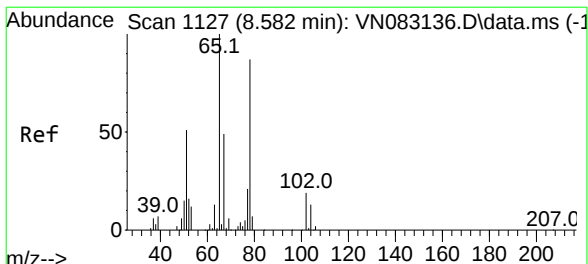
Tgt Ion:	63	Resp:	18791
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.3	9.9
100	5.7	2.0	6.0



#27
cis-1,2-Dichloroethene
Concen: 1144.206 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083269.D
Acq: 13 Aug 2024 19:45

Tgt Ion:	96	Resp:	2080407
Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	329.6
98	64.1	0.0	128.6

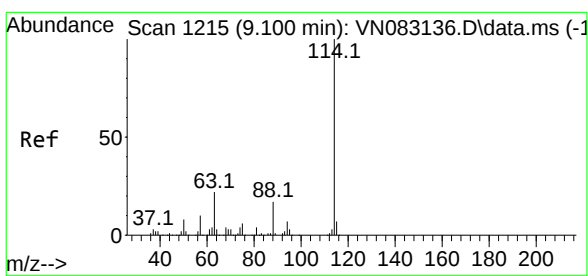
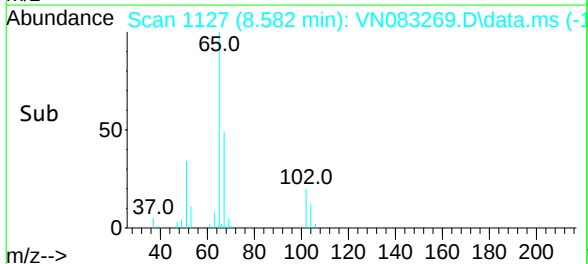
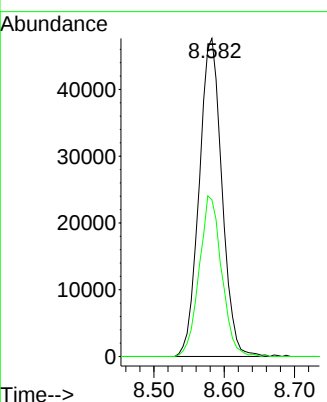
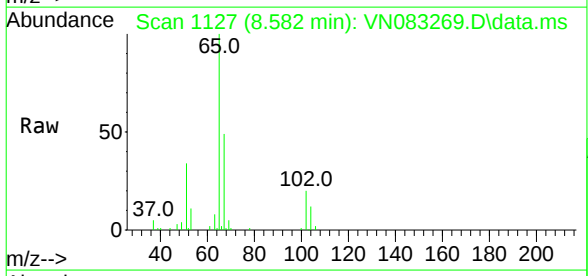




#33
 1,2-Dichloroethane-d4
 Concen: 57.158 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN083269.D
 Acq: 13 Aug 2024 19:45

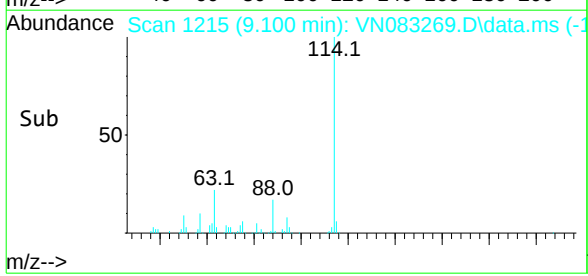
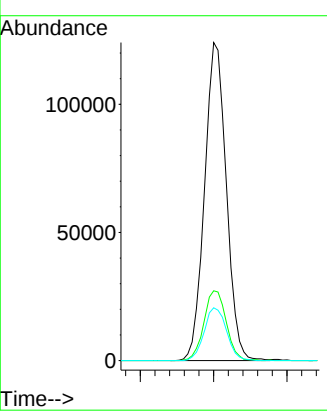
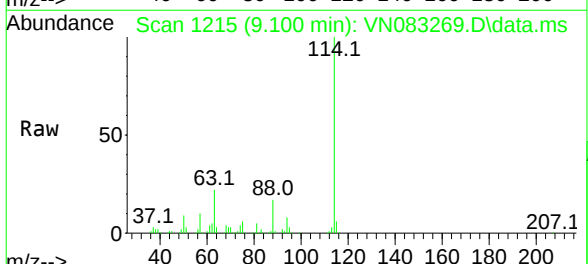
Instrument :
 MSVOA_N
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 925-K1-WS-073124

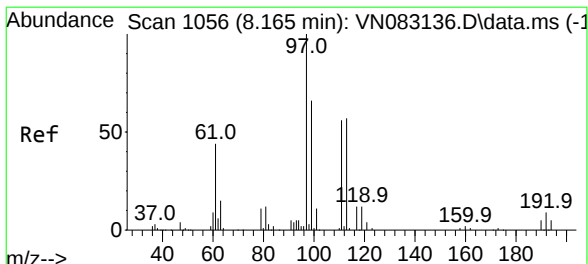
Tgt Ion:	65	Resp:	106997
Ion Ratio	Lower	Upper	
65	100		
67	49.9	0.0	104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083269.D
 Acq: 13 Aug 2024 19:45

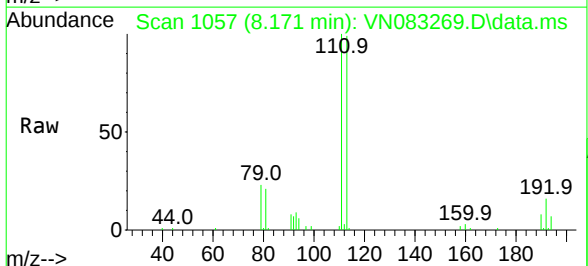
Tgt Ion:	114	Resp:	255536
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	44.6
88	16.6	0.0	31.4



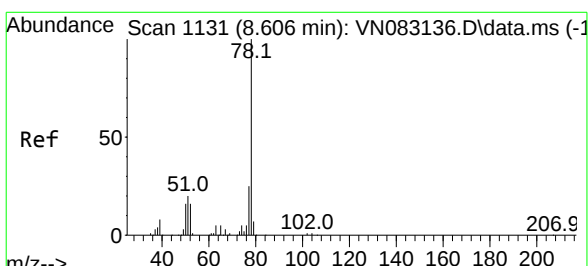
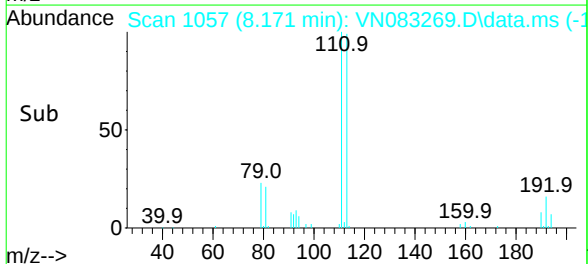
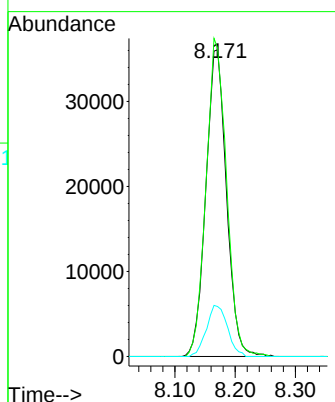


#35
 Dibromofluoromethane
 Concen: 53.859 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083269.D
 Acq: 13 Aug 2024 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 925-K1-WS-073124

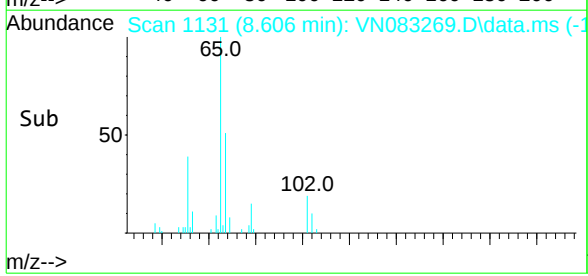
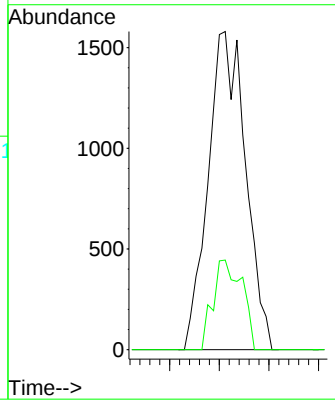
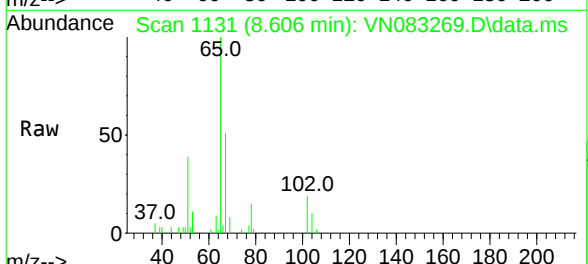


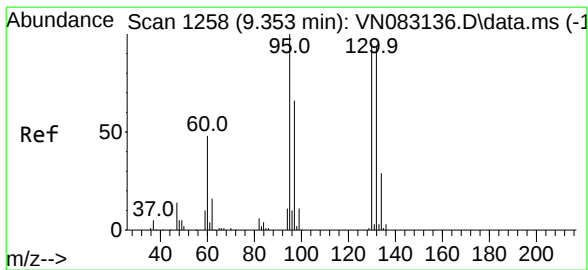
Tgt Ion:	113	Resp:	85905
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	17.0	14.9	22.3



#40
 Benzene
 Concen: 0.575 ug/l
 RT: 8.606 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VN083269.D
 Acq: 13 Aug 2024 19:45

Tgt Ion:	78	Resp:	4133
Ion	Ratio	Lower	Upper
78	100		
77	28.2	19.0	28.4





#44

Trichloroethene

Concen: 7.782 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.000 min

Lab File: VN083269.D

Acq: 13 Aug 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

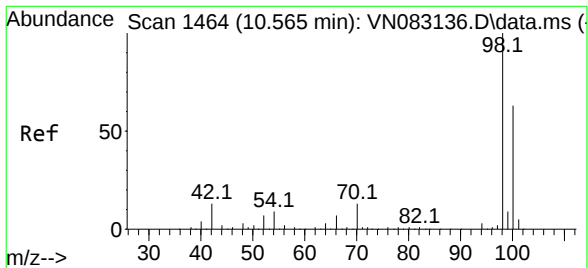
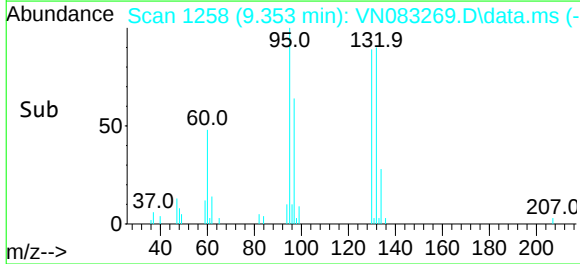
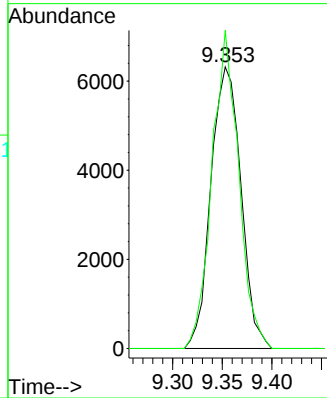
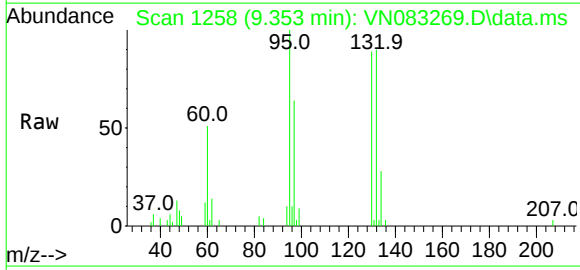
925-K1-WS-073124

Tgt Ion:130 Resp: 13314

Ion Ratio Lower Upper

130 100

95 113.0 0.0 197.8



#50

Toluene-d8

Concen: 53.389 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083269.D

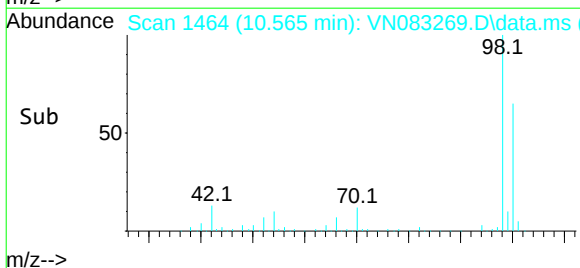
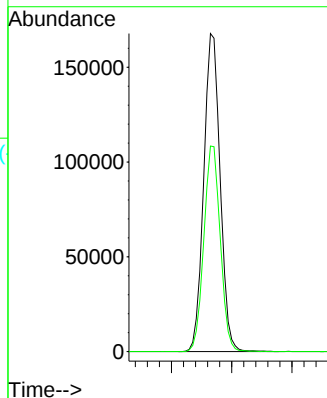
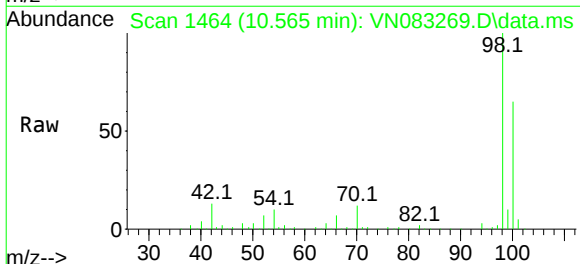
Acq: 13 Aug 2024 19:45

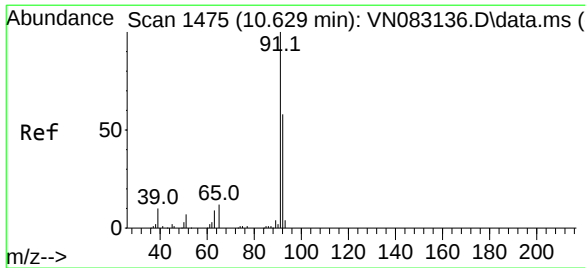
Tgt Ion: 98 Resp: 317651

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3





#52

Toluene

Concen: 1.109 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083269.D

Acq: 13 Aug 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

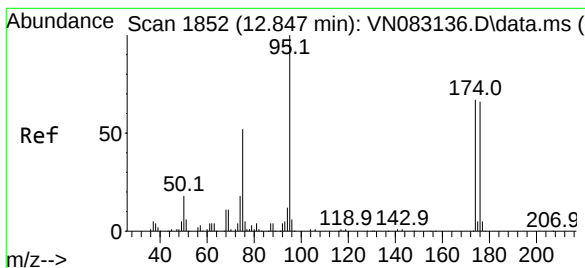
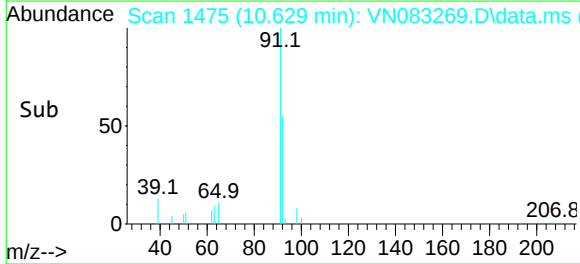
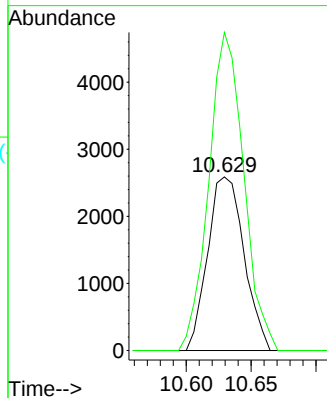
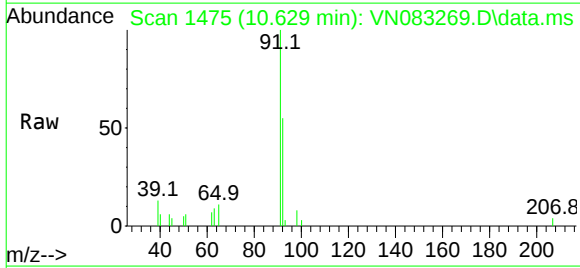
925-K1-WS-073124

Tgt Ion: 92 Resp: 5037

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 54.482 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083269.D

Acq: 13 Aug 2024 19:45

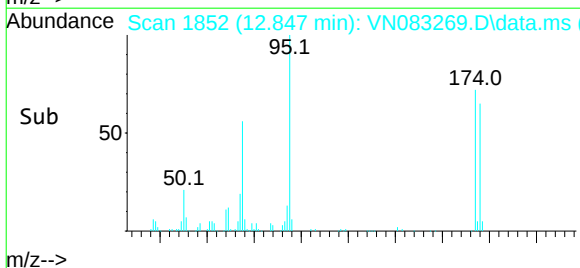
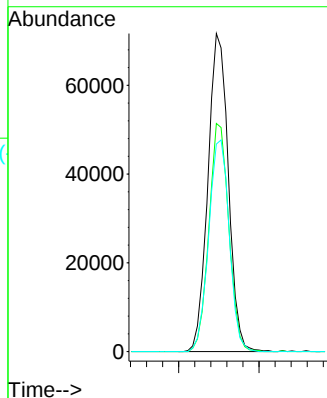
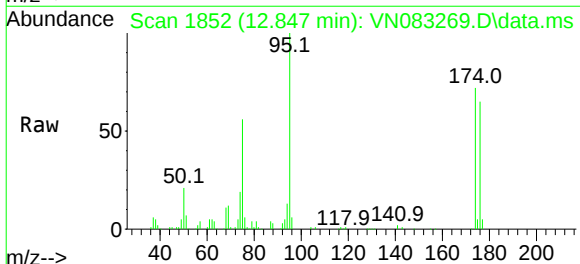
Tgt Ion: 95 Resp: 126373

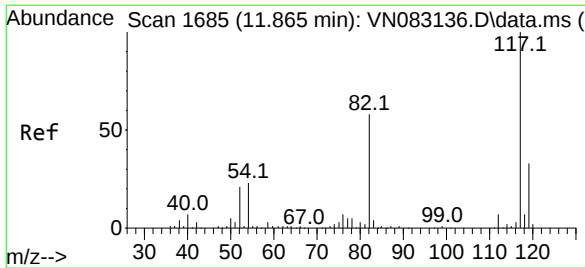
Ion Ratio Lower Upper

95 100

174 69.9 0.0 159.2

176 66.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN083269.D

Acq: 13 Aug 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

925-K1-WS-073124

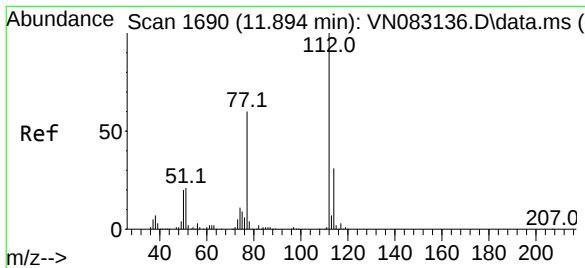
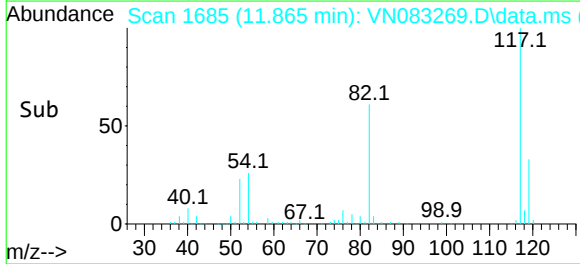
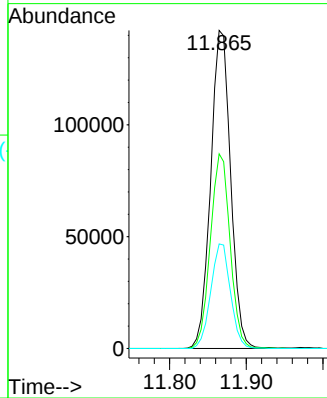
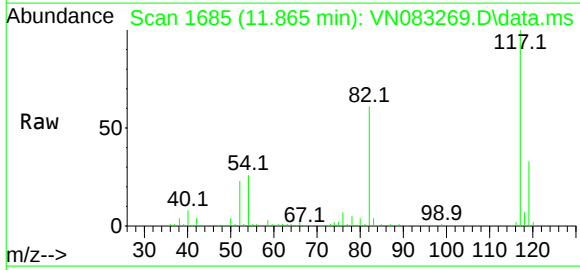
Tgt Ion:117 Resp: 257054

Ion Ratio Lower Upper

117 100

82 61.2 47.5 71.3

119 32.9 25.6 38.4



#65

Chlorobenzene

Concen: 0.262 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN083269.D

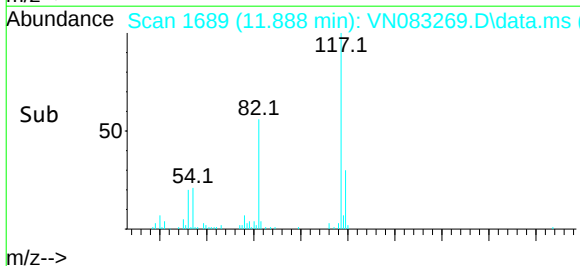
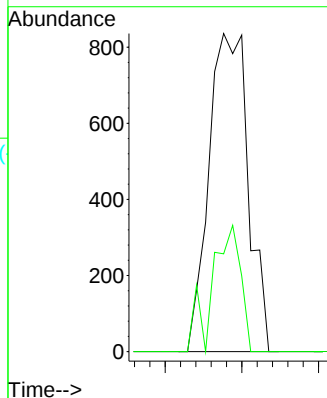
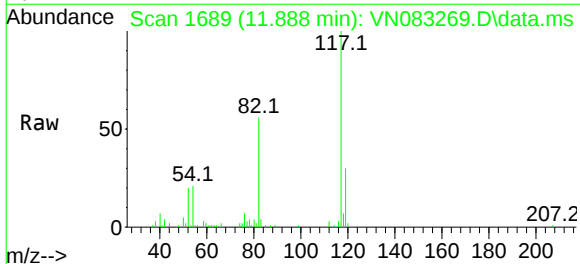
Acq: 13 Aug 2024 19:45

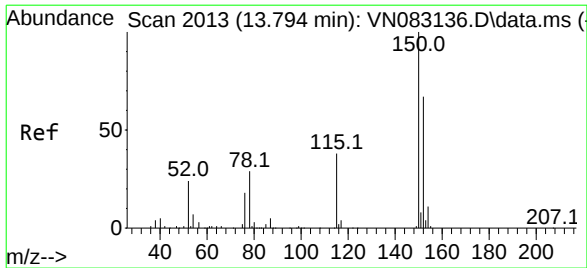
Tgt Ion:112 Resp: 1490

Ion Ratio Lower Upper

112 100

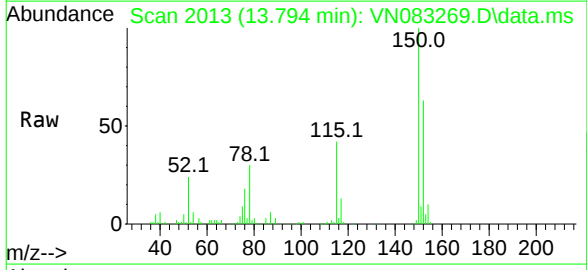
114 30.7 26.2 39.2





1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083269.D
 Acq: 13 Aug 2024 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 925-K1-WS-073124



Tgt Ion:	152	Resp:	110153
Ion	Ratio	Lower	Upper
152	100		
115	64.2	30.6	91.6
150	158.2	0.0	348.6

