

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085471.D
 Acq On : 16 Jan 2025 15:45
 Operator : JC\MD
 Sample : Q1060-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 01:05:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

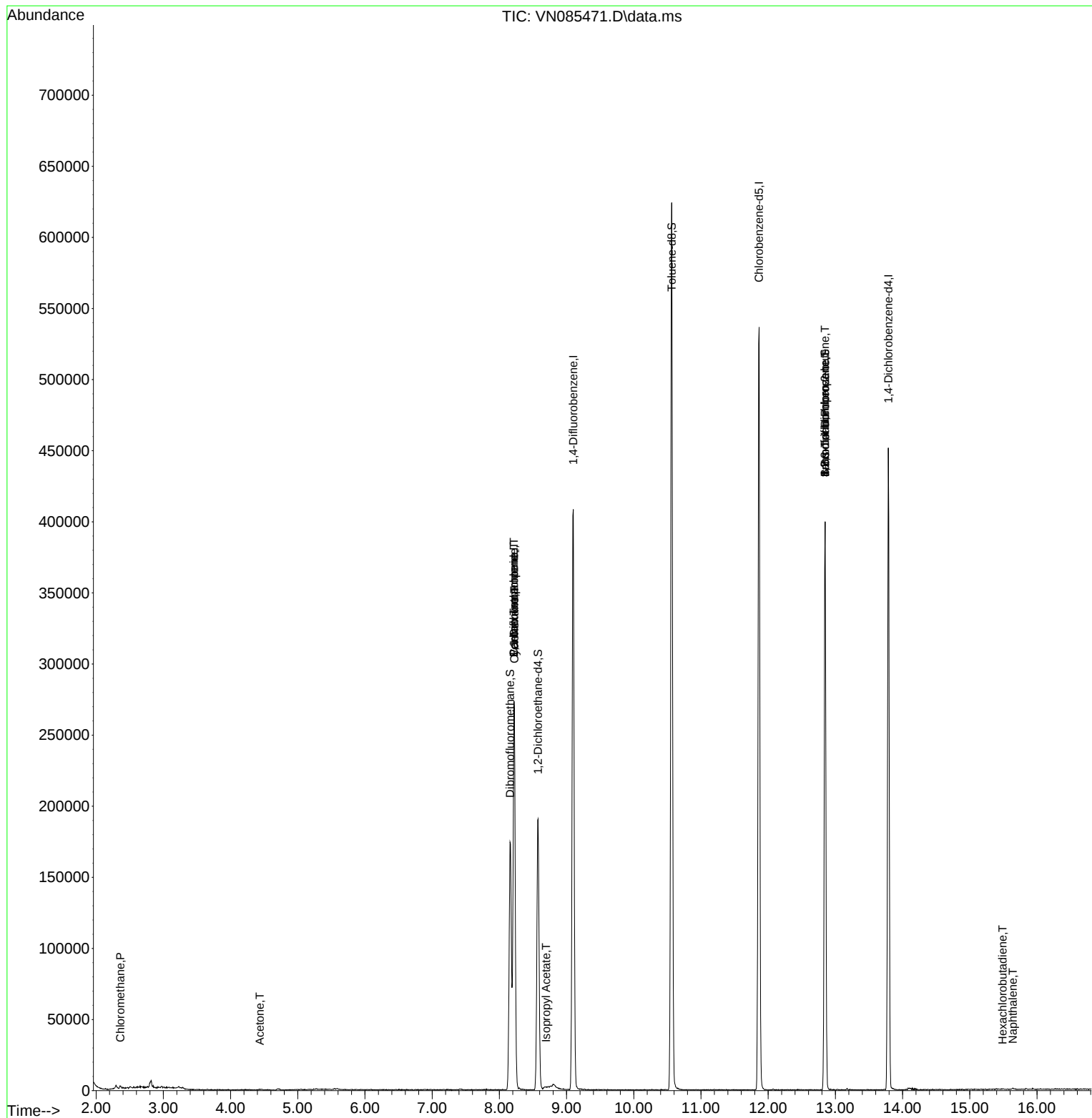
Internal Standards						
1) Pentafluorobenzene	8.218	168	182280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	162964	55.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.780%			
35) Dibromofluoromethane	8.159	113	123915	53.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	10.565	98	414544	50.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.847	95	129759	46.141	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.280%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1132	0.424	ug/l	98
16) Acetone	4.436	43	1014	1.067	ug/l #	45
31) Cyclohexane	8.224	56	5274	1.412	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	18097	5.573	ug/l #	51
38) Carbon Tetrachloride	8.218	117	20099	5.406	ug/l #	18
43) Isopropyl Acetate	8.694	43	2287	0.435	ug/l #	55
71) Bromoform	12.847	173	1388	0.838	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74417	32.247	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74417	87.248	ug/l #	3
94) Hexachlorobutadiene	15.488	225	192	0.212	ug/l #	38
95) Naphthalene	15.641	128	1272	0.249	ug/l #	69

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

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Sample : Q1060-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

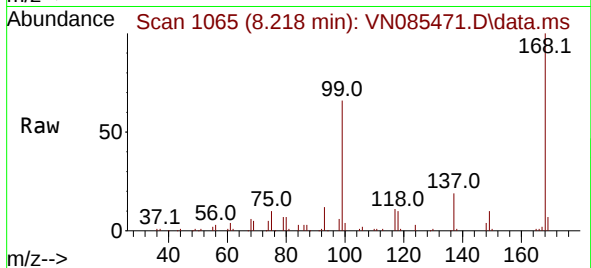
Quant Time: Jan 17 01:05:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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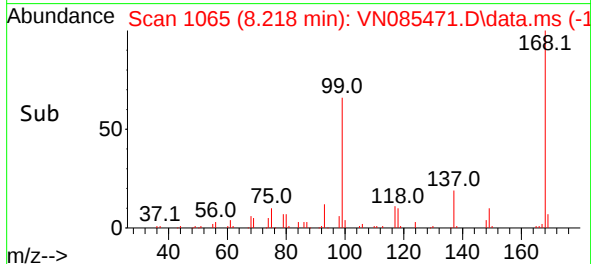
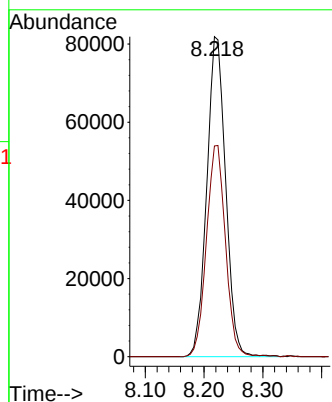


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :

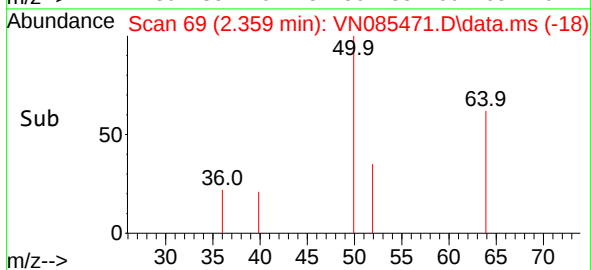
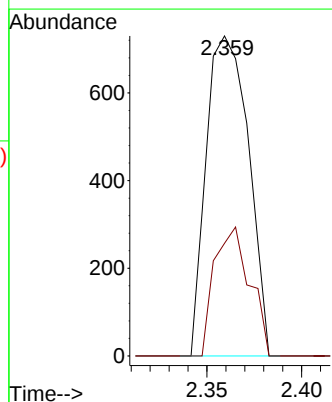
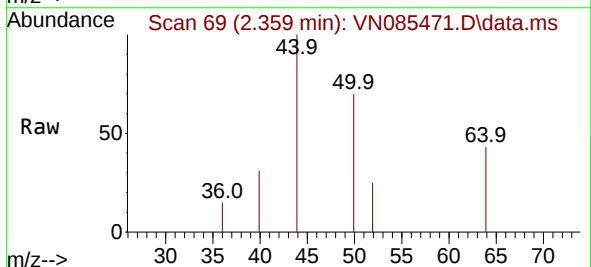


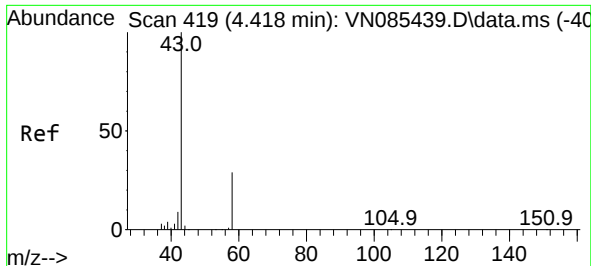
Tgt Ion:168 Resp: 182280
Ion Ratio Lower Upper
168 100
99 65.8 53.6 80.4



#3
Chloromethane
Concen: 0.424 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 50 Resp: 1132
Ion Ratio Lower Upper
50 100
52 35.2 27.0 40.6





#16

Acetone

Concen: 1.067 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

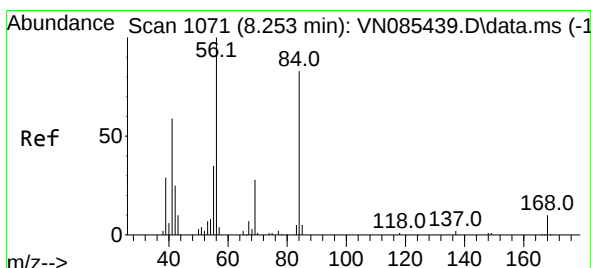
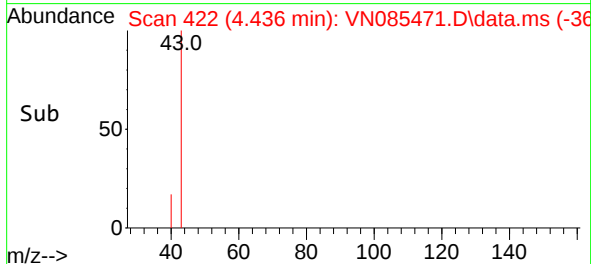
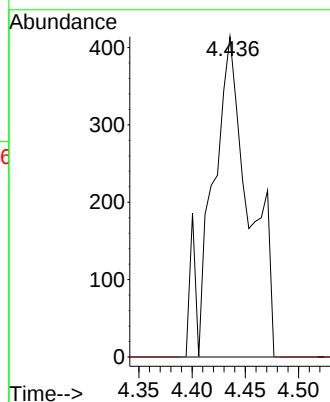
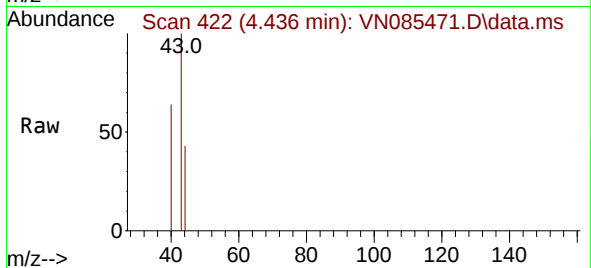
ClientSampleId :

Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#31

Cyclohexane

Concen: 1.412 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

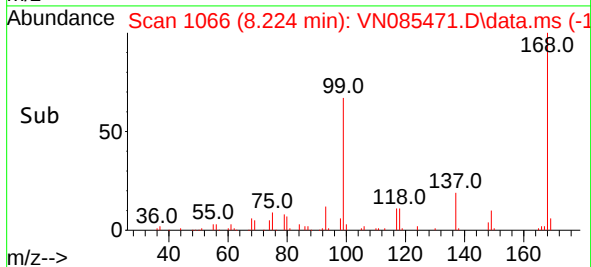
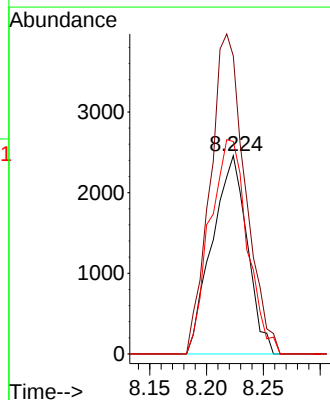
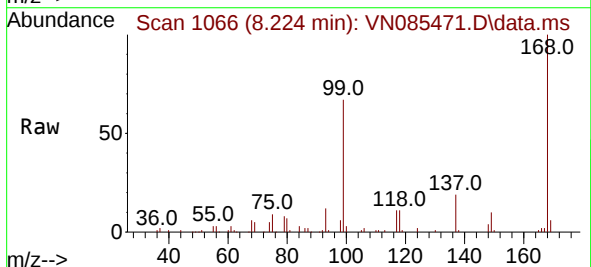
Tgt Ion: 56 Resp: 5274

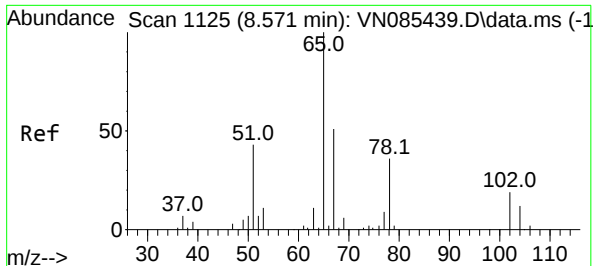
Ion Ratio Lower Upper

56 100

69 150.3 22.2 33.4#

84 107.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.385 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

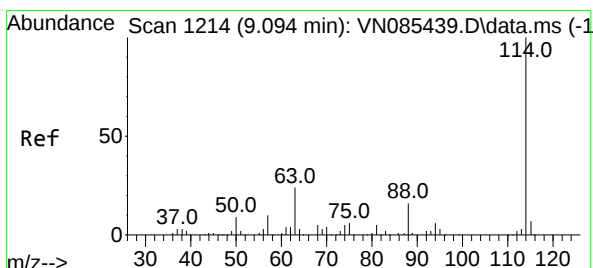
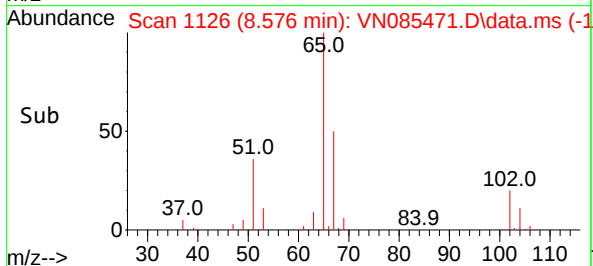
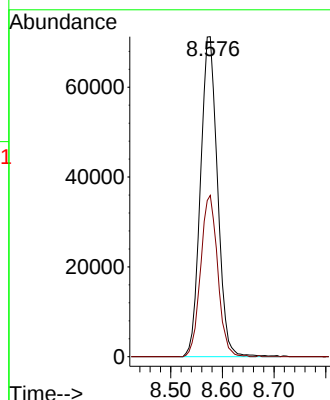
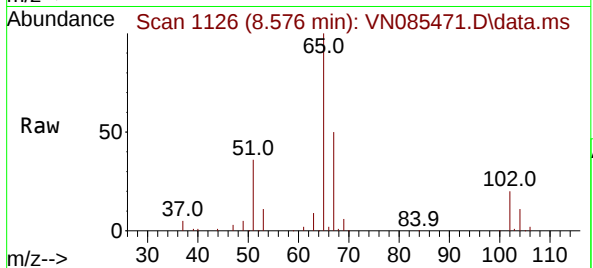
ClientSampleId :

Tgt Ion: 65 Resp: 162964

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

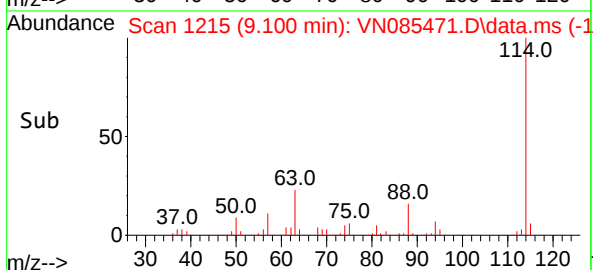
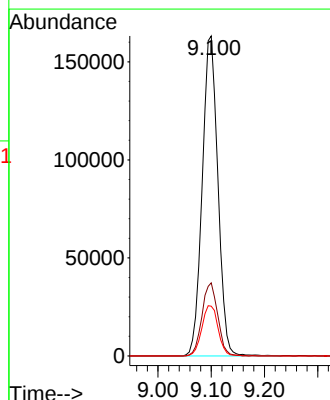
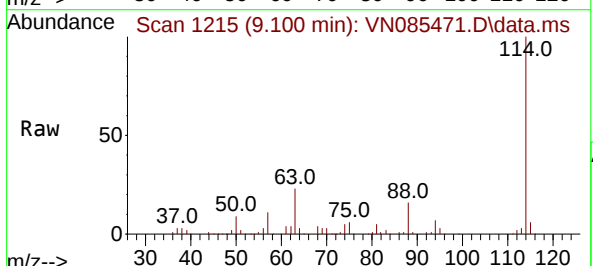
Tgt Ion: 114 Resp: 333529

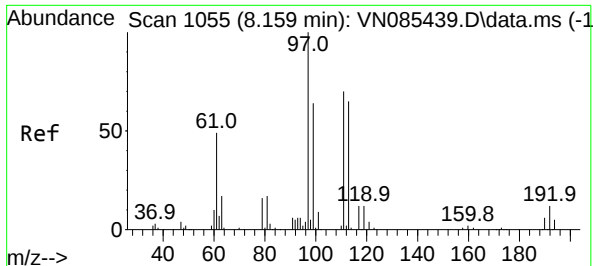
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

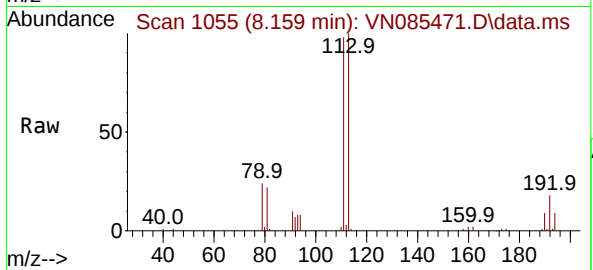
88 15.6 0.0 32.6



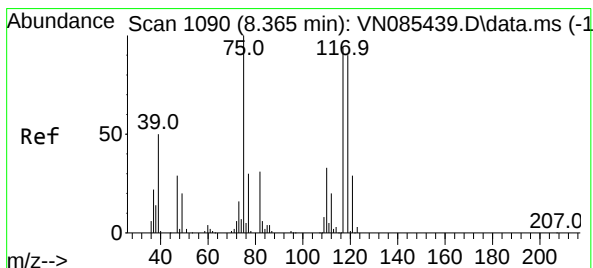
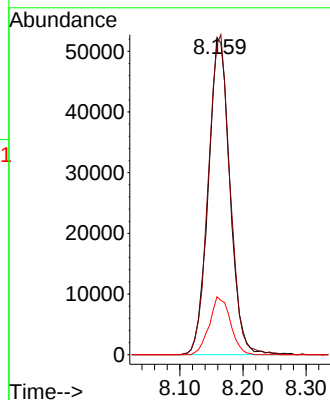
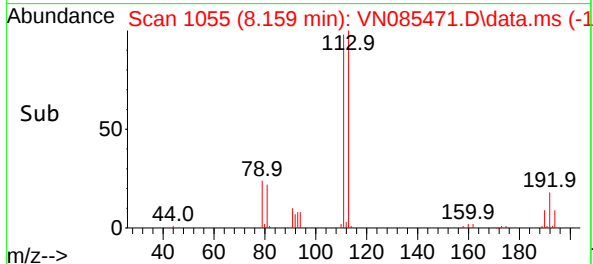


#35
Dibromofluoromethane
Concen: 53.553 ug/l
RT: 8.159 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :

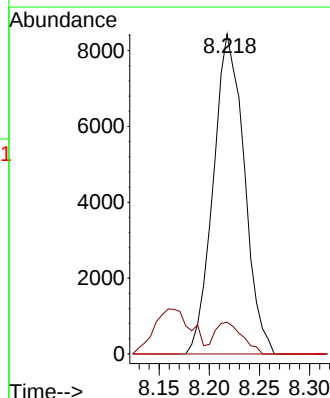
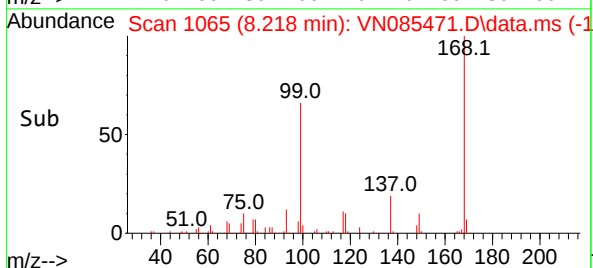
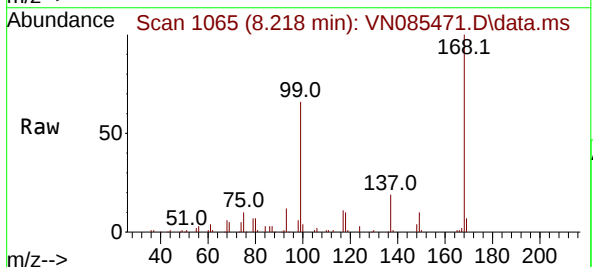


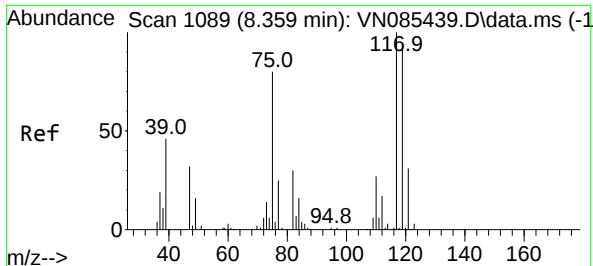
Tgt Ion:113 Resp: 123915
Ion Ratio Lower Upper
113 100
111 101.1 82.7 124.1
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.573 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

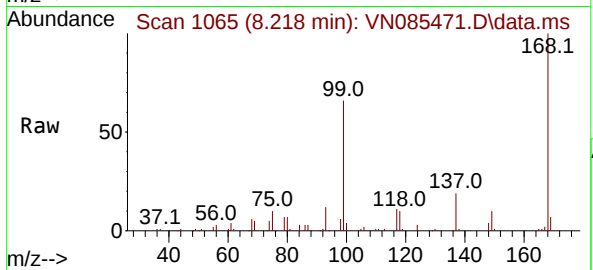
Tgt Ion: 75 Resp: 18097
Ion Ratio Lower Upper
75 100
110 9.0 16.5 49.5#
77 0.0 24.4 36.6#



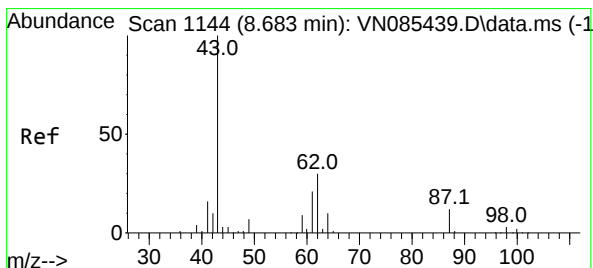
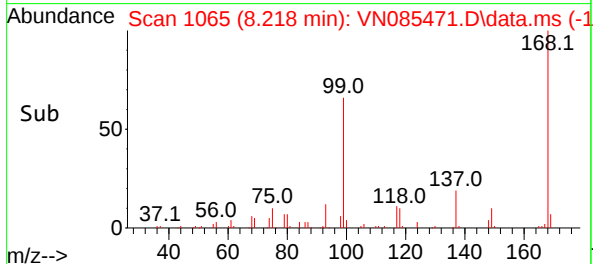
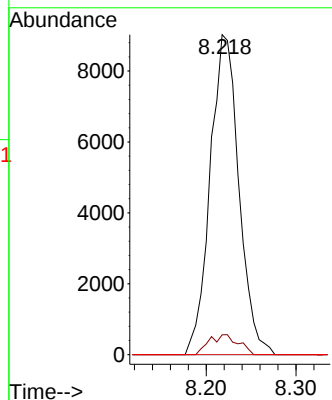


#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :

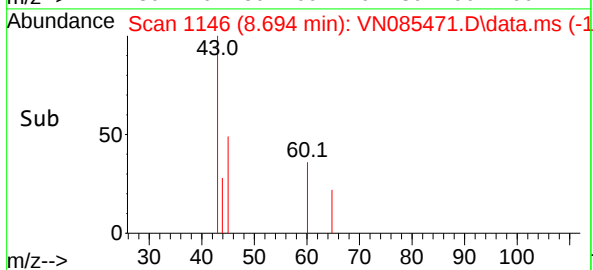
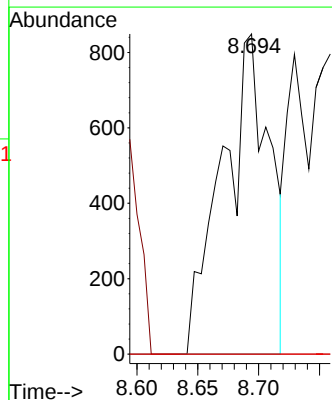
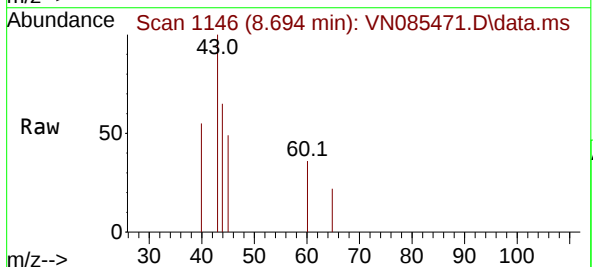


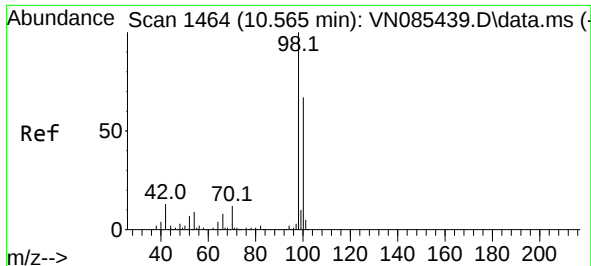
Tgt Ion:117 Resp: 20099
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.435 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

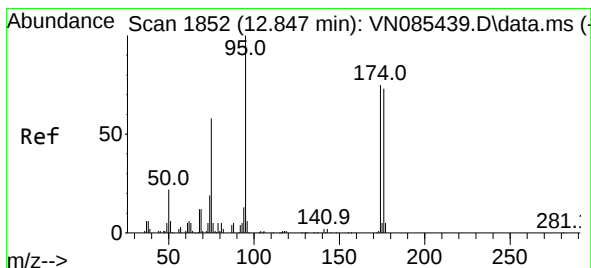
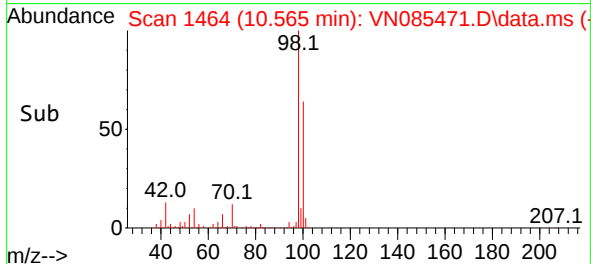
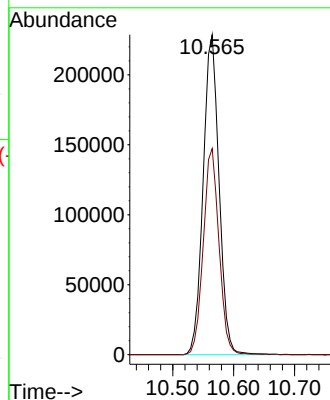
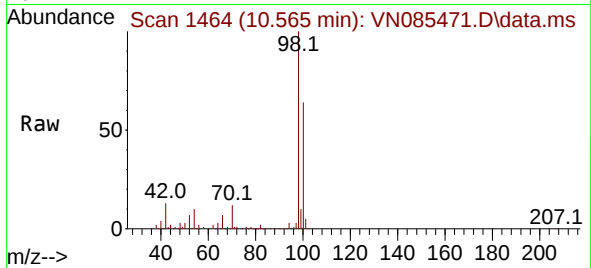




#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

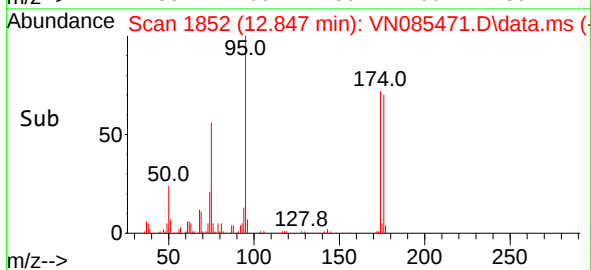
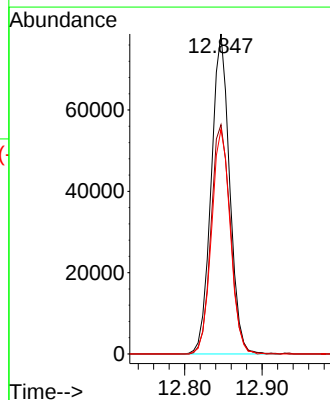
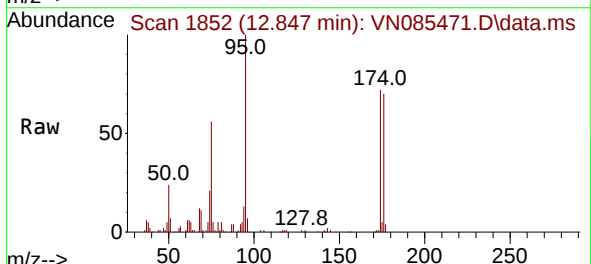
Instrument :
MSVOA_N
ClientSampleId :

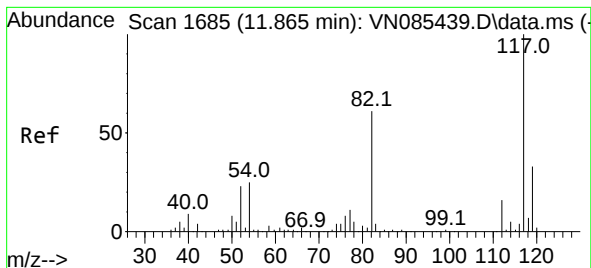
Tgt Ion: 98 Resp: 414544
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 95 Resp: 129759
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.0
176 71.6 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

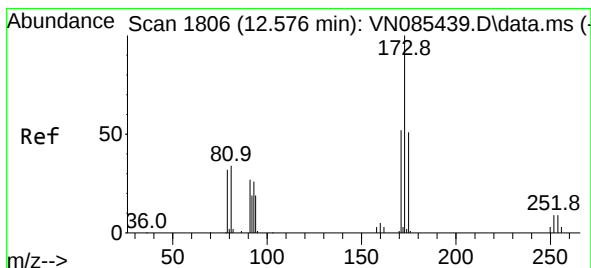
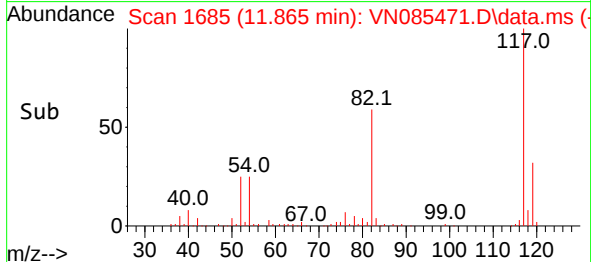
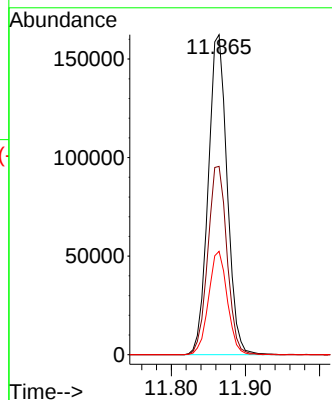
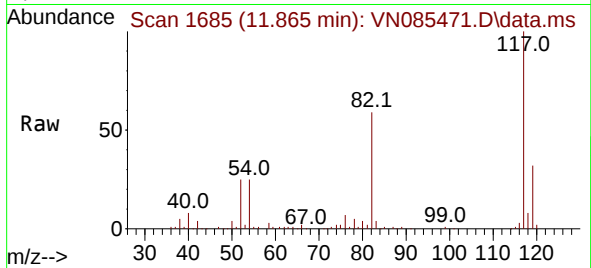
Tgt Ion:117 Resp: 287969

Ion Ratio Lower Upper

117 100

82 58.9 48.6 72.8

119 32.3 26.6 39.8



#71

Bromoform

Concen: 0.838 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.270 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

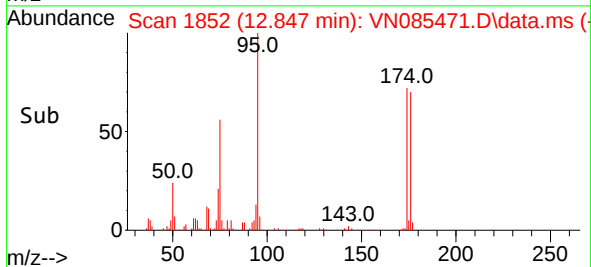
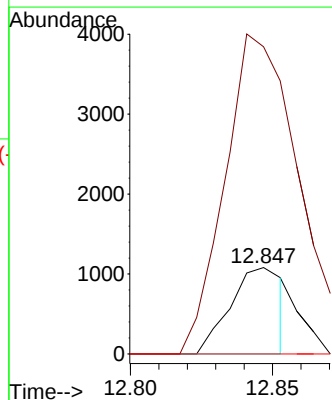
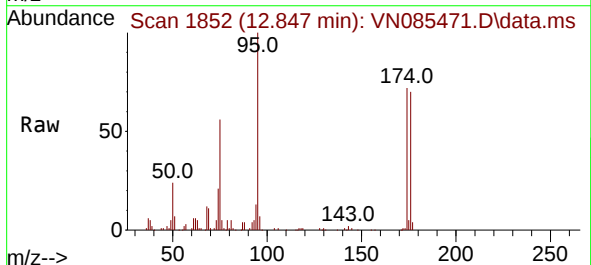
Tgt Ion:173 Resp: 1388

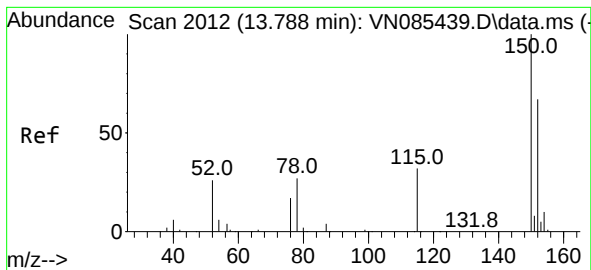
Ion Ratio Lower Upper

173 100

175 397.4 24.4 73.2#

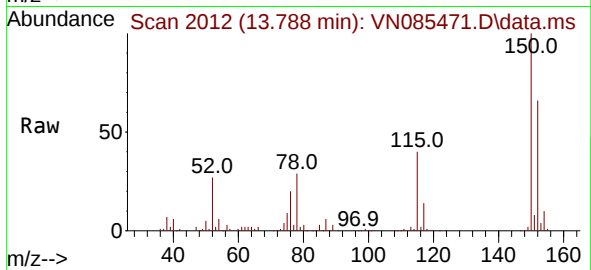
254 0.0 0.0 0.0



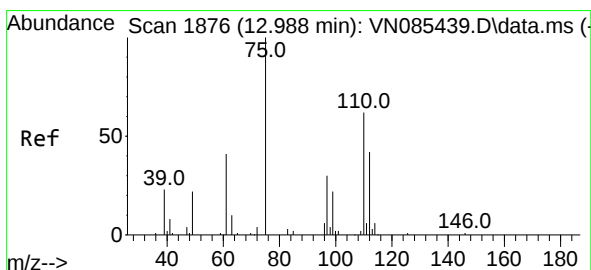
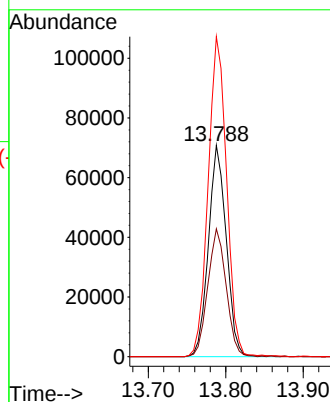
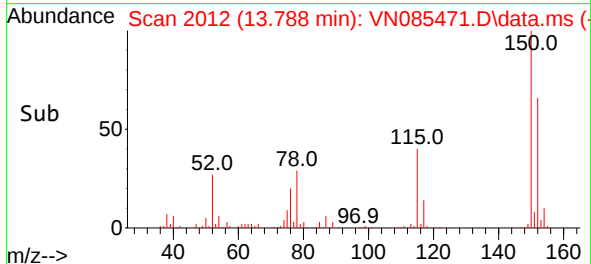


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :

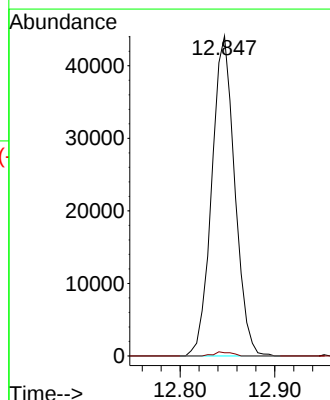
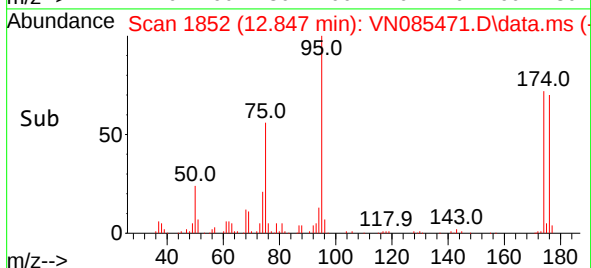
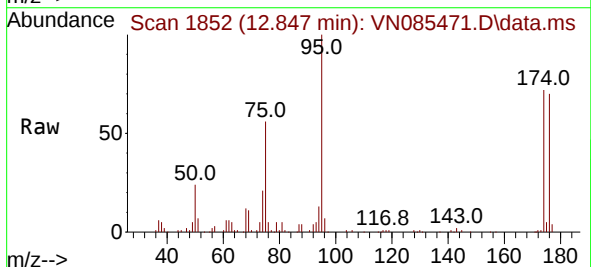


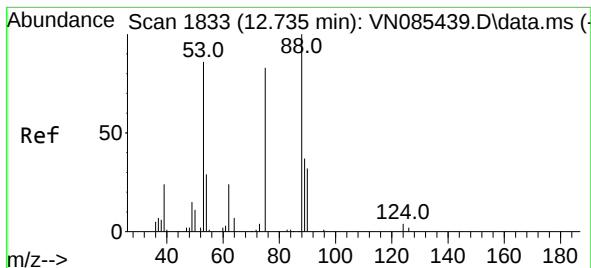
Tgt Ion:152 Resp: 113538
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.3
150 156.3 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 32.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

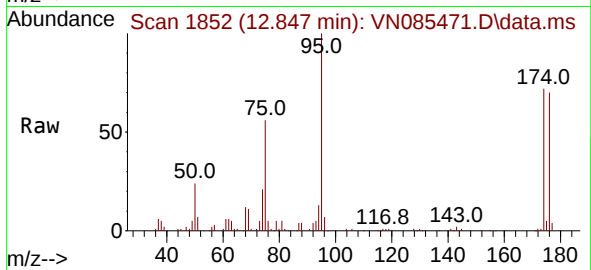
Tgt Ion: 75 Resp: 74417
Ion Ratio Lower Upper
75 100
77 1.0 109.7 329.2#



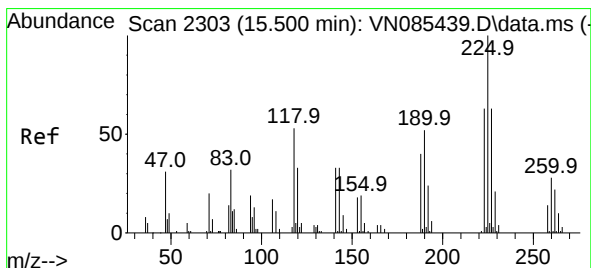
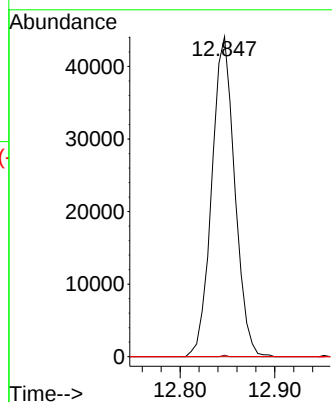
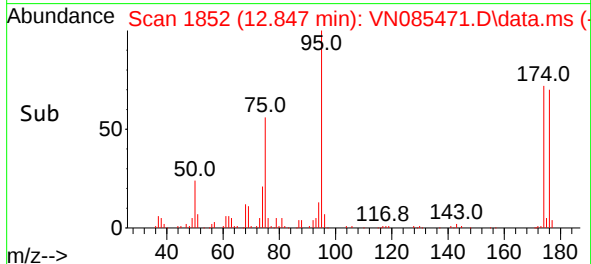


#81
trans-1,4-Dichloro-2-butene
Concen: 87.248 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

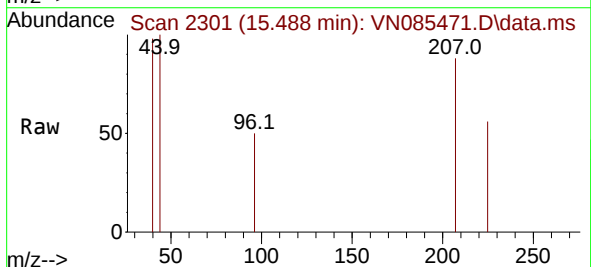
Instrument :
MSVOA_N
ClientSampleId :



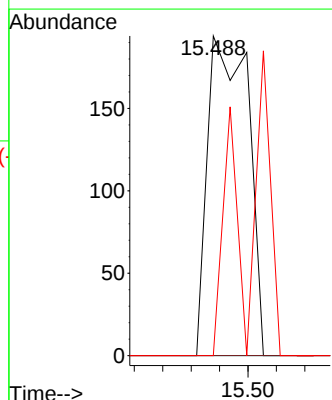
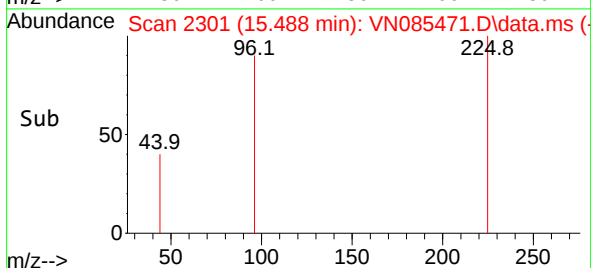
Tgt Ion: 75 Resp: 74417
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#

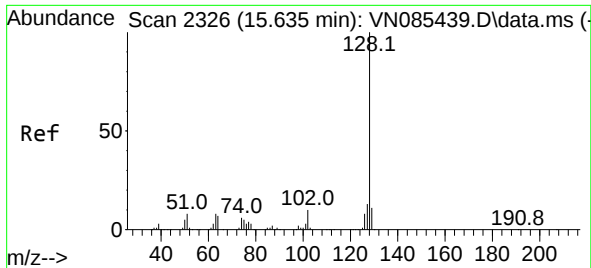


#94
Hexachlorobutadiene
Concen: 0.212 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45



Tgt Ion: 225 Resp: 192
Ion Ratio Lower Upper
225 100
223 0.0 30.7 92.1#
227 27.6 30.9 92.5#





#95

Naphthalene

Concen: 0.249 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

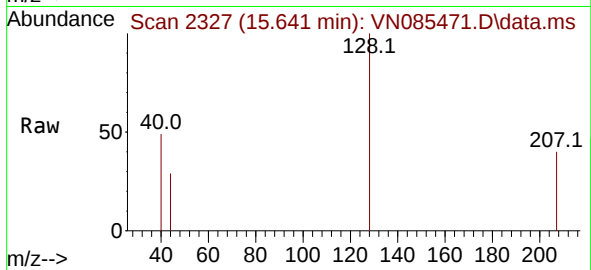
Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1272

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.8 13.2#

