

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085361.D
 Acq On : 31 Dec 2024 09:55
 Operator : JC\MD
 Sample : VN1231MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 01 02:01:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

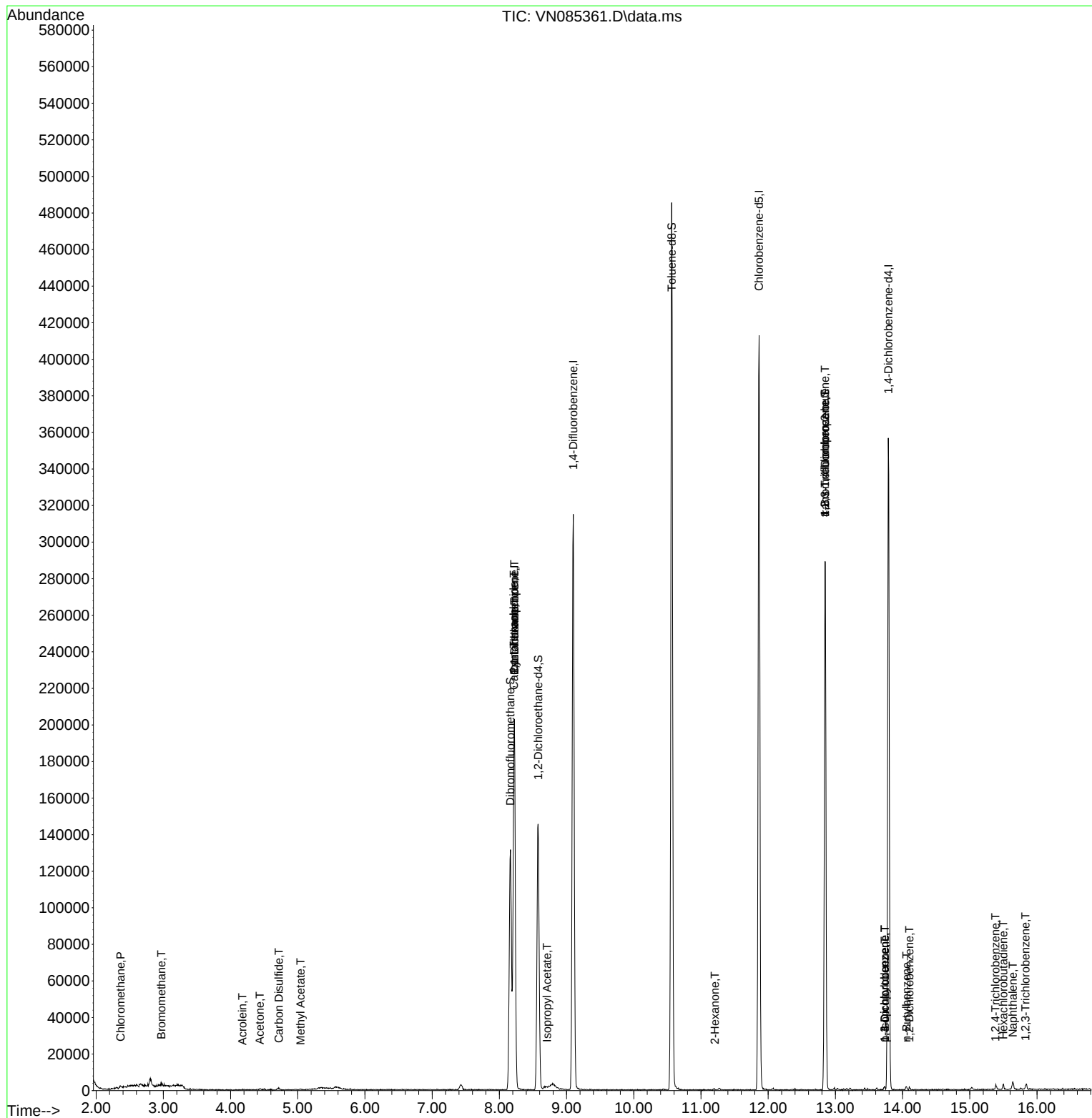
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	137413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120959	61.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.440%	
35) Dibromofluoromethane	8.165	113	93008	57.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.760%	
50) Toluene-d8	10.565	98	316346	53.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.847	95	95116	48.149	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.300%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	563	0.270	ug/l #	43
5) Bromomethane	2.971	94	813	0.563	ug/l	89
13) Acrolein	4.177	56	208	0.544	ug/l #	48
16) Acetone	4.436	43	977	1.516	ug/l #	44
17) Carbon Disulfide	4.718	76	1871	0.403	ug/l #	75
18) Methyl Acetate	5.042	43	396	0.201	ug/l #	52
31) Cyclohexane	8.224	56	3945	1.362	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13351	5.625	ug/l #	50
38) Carbon Tetrachloride	8.218	117	15519	5.999	ug/l #	15
43) Isopropyl Acetate	8.712	43	1882	0.485	ug/l #	55
59) 2-Hexanone	11.206	43	631	0.417	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	52743	31.497	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52743	75.431	ug/l #	10
86) p-Isopropyltoluene	13.735	119	615	0.308	ug/l #	61
87) 1,3-Dichlorobenzene	13.735	146	727	0.251	ug/l	90
88) 1,4-Dichlorobenzene	13.735	146	727	0.244	ug/l	90
89) n-Butylbenzene	14.059	91	1550	0.338	ug/l	83
91) 1,2-Dichlorobenzene	14.100	146	695	0.252	ug/l #	76
93) 1,2,4-Trichlorobenzene	15.382	180	1159	0.842	ug/l	91
94) Hexachlorobutadiene	15.500	225	693	1.013	ug/l	95
95) Naphthalene	15.641	128	4789	1.026	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.829	180	1180	0.858	ug/l #	13

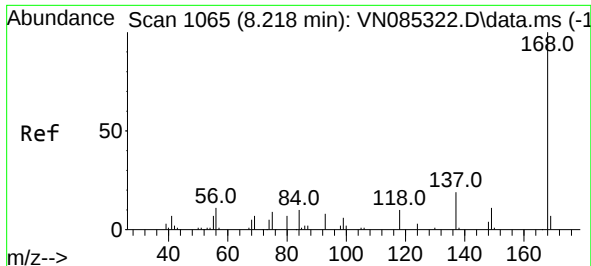
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
Data File : VN085361.D
Acq On : 31 Dec 2024 09:55
Operator : JC\MD
Sample : VN1231MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 01 02:01:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

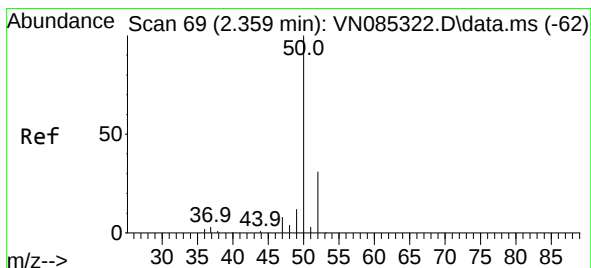
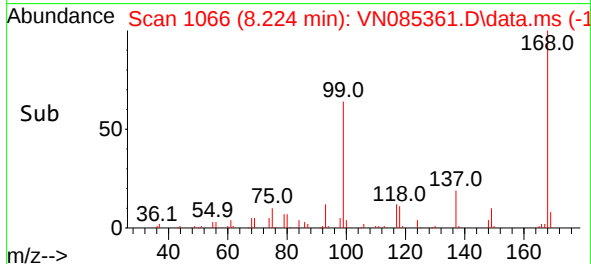
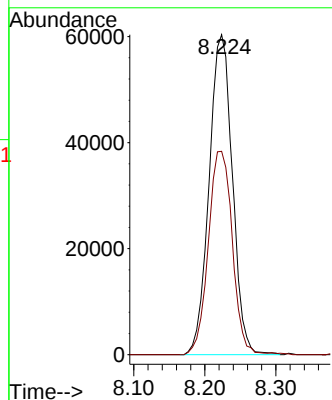
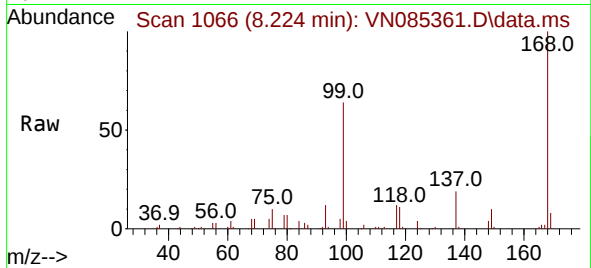




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

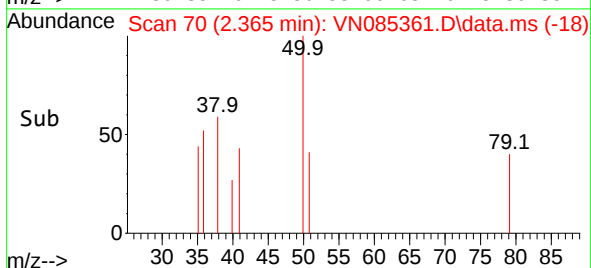
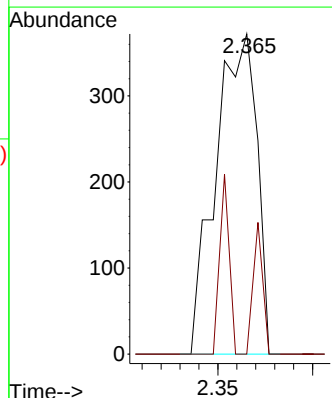
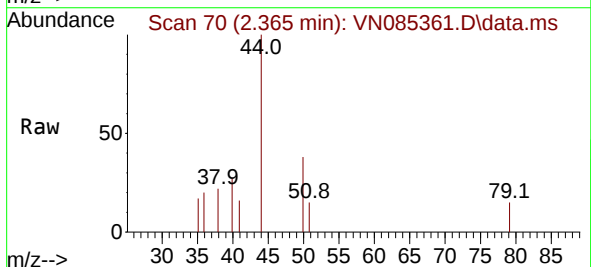
Instrument :
MSVOA_N
ClientSampleId :

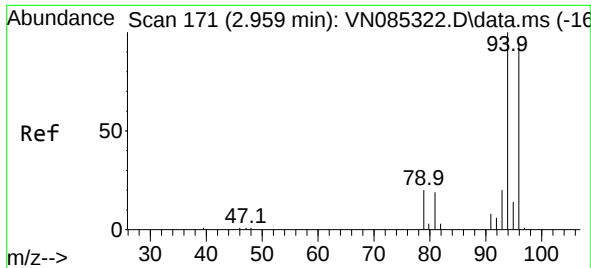
Tgt Ion:168 Resp: 137413
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.4



#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

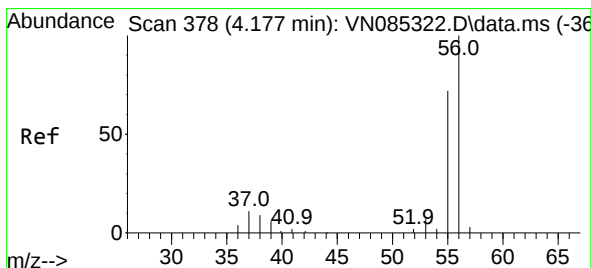
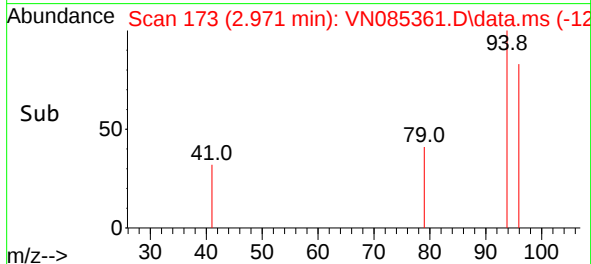
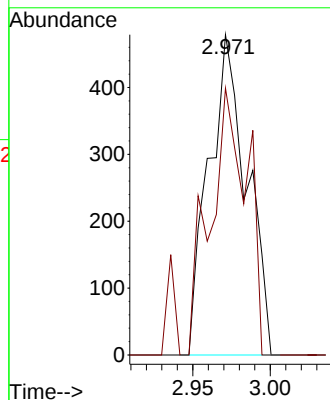
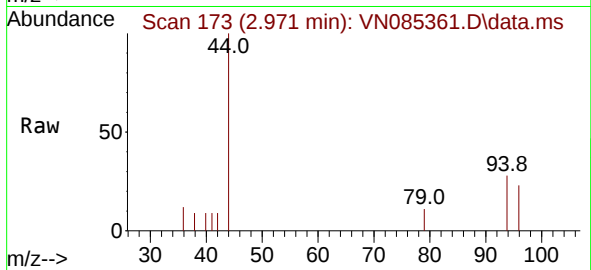




#5
Bromomethane
Concen: 0.563 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

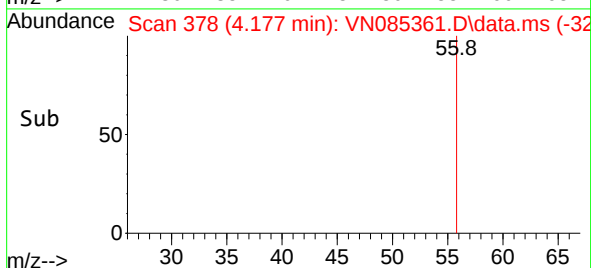
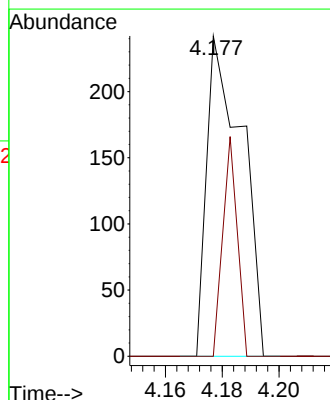
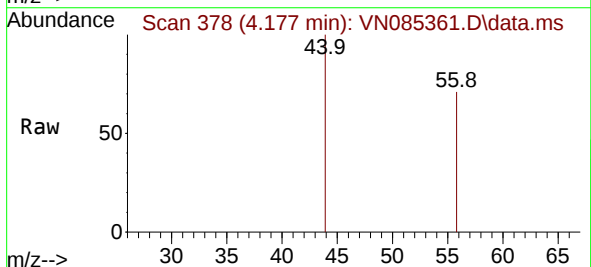
Instrument :
MSVOA_N
ClientSampleId :

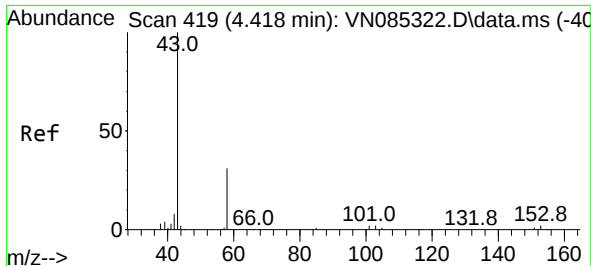
Tgt Ion: 94 Resp: 813
Ion Ratio Lower Upper
94 100
96 83.3 75.2 112.8



#13
Acrolein
Concen: 0.544 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Tgt Ion: 56 Resp: 208
Ion Ratio Lower Upper
56 100
55 28.4 57.5 86.3#





#16

Acetone

Concen: 1.516 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN085361.D

Acq: 31 Dec 2024 09:55

Instrument :

MSVOA_N

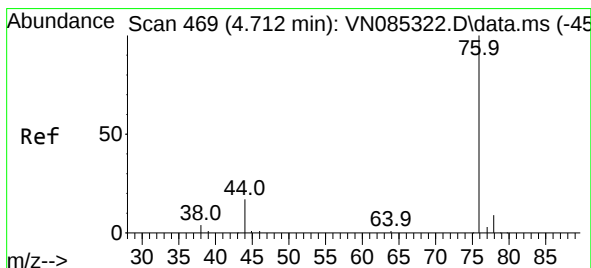
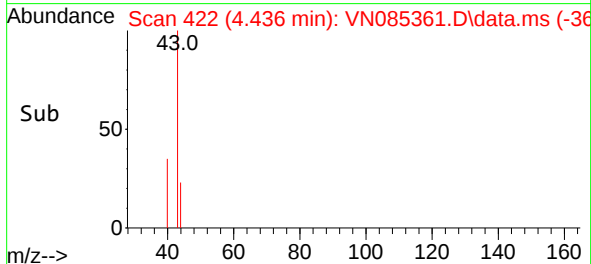
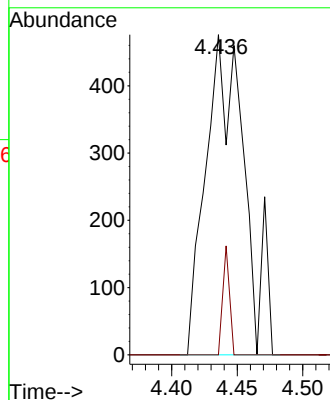
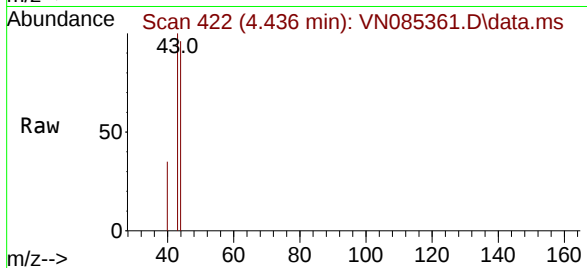
ClientSampleId :

Tgt Ion: 43 Resp: 977

Ion Ratio Lower Upper

43 100

58 0.0 24.5 36.7#



#17

Carbon Disulfide

Concen: 0.403 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN085361.D

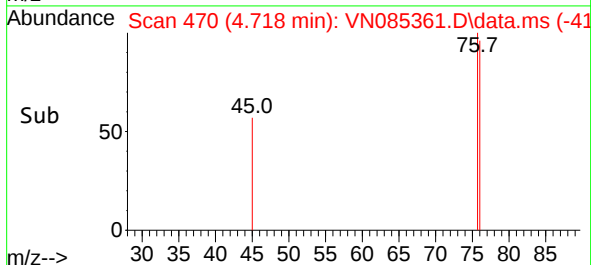
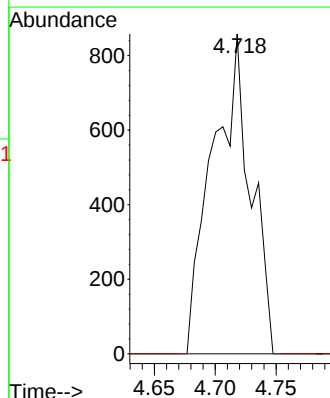
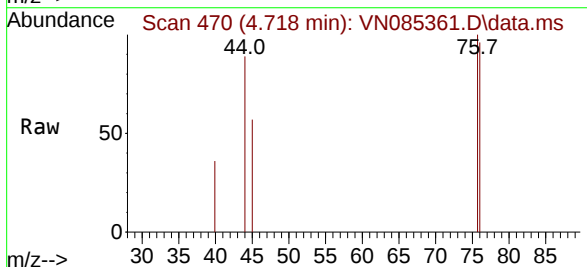
Acq: 31 Dec 2024 09:55

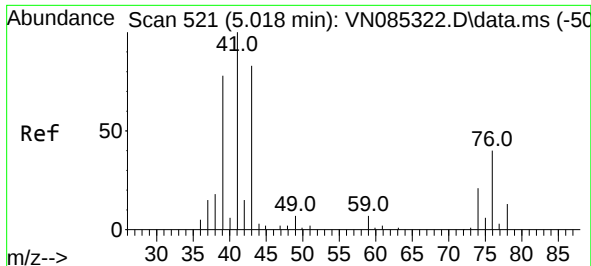
Tgt Ion: 76 Resp: 1871

Ion Ratio Lower Upper

76 100

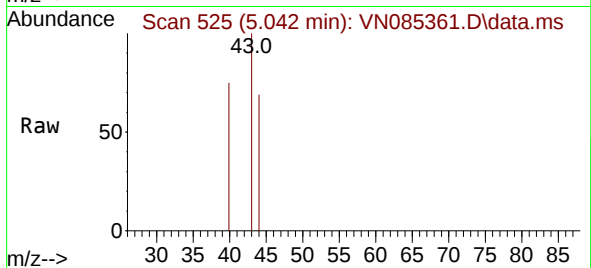
78 0.0 7.2 10.8#



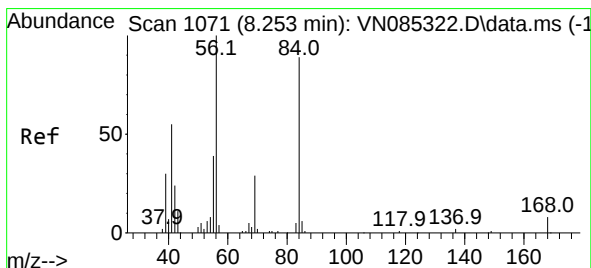
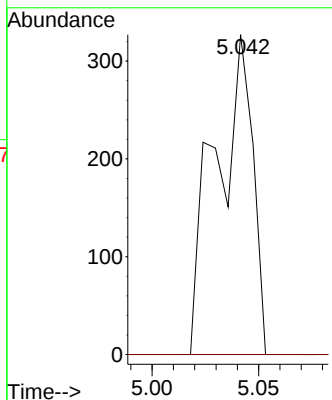
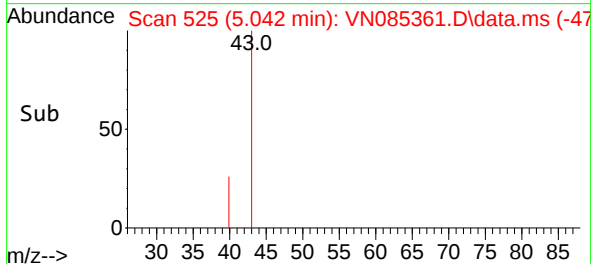


#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

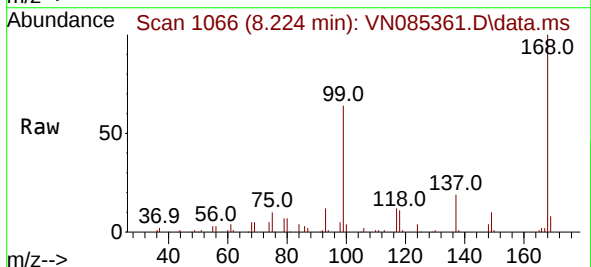
Instrument :
MSVOA_N
ClientSampleId :



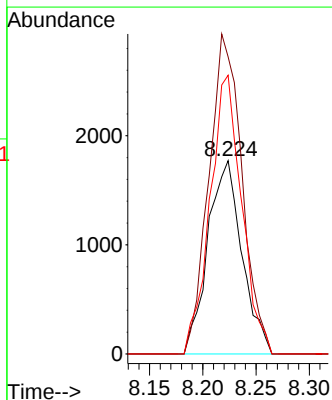
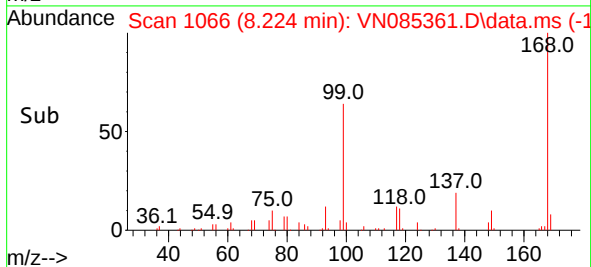
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

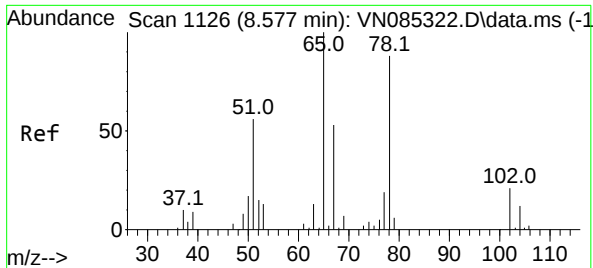


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55



Tgt Ion: 56 Resp: 3945
Ion Ratio Lower Upper
56 100
69 153.7 23.4 35.0#
84 144.1 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 61.717 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085361.D

Acq: 31 Dec 2024 09:55

Instrument :

MSVOA_N

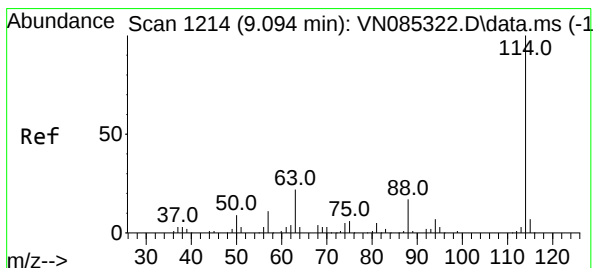
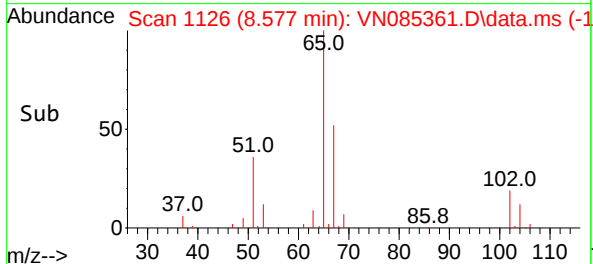
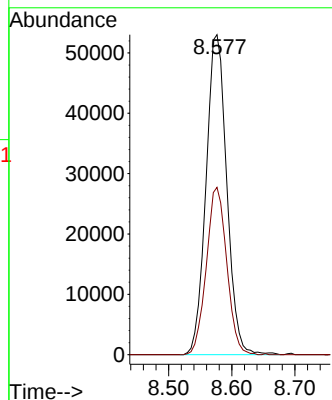
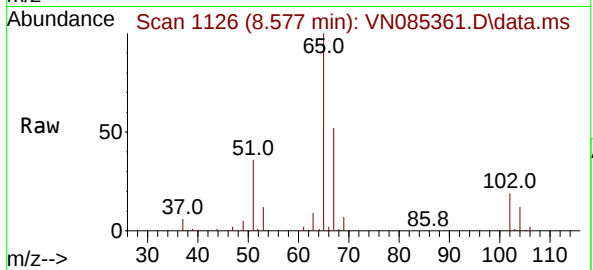
ClientSampleId :

Tgt Ion: 65 Resp: 120959

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085361.D

Acq: 31 Dec 2024 09:55

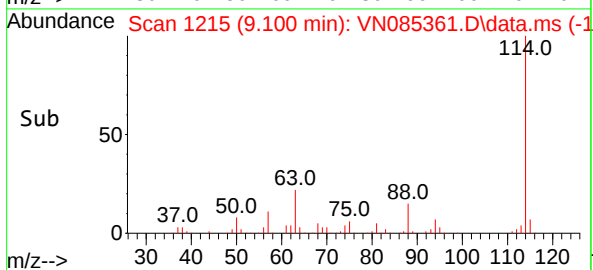
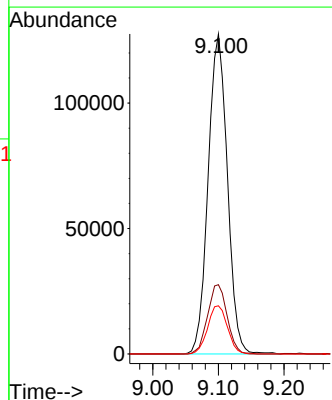
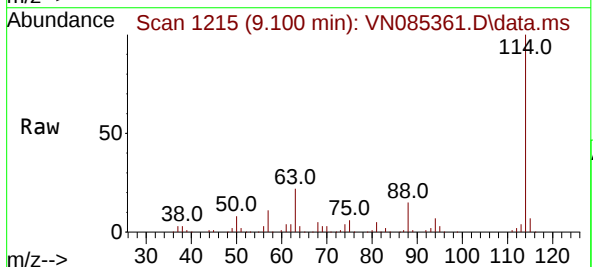
Tgt Ion: 114 Resp: 259828

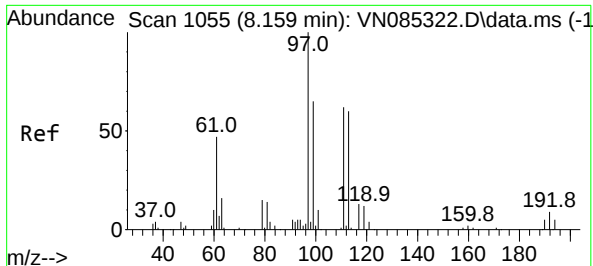
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 15.1 0.0 33.6

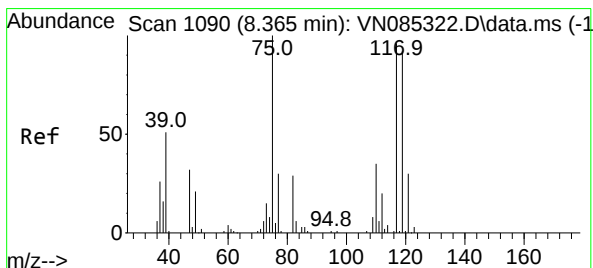
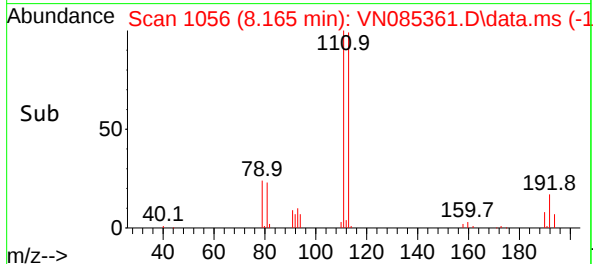
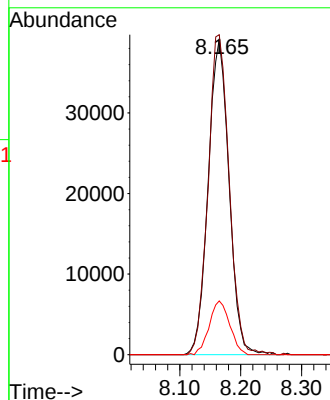
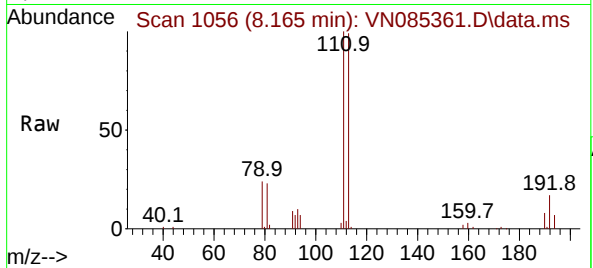




#35
Dibromofluoromethane
Concen: 57.379 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

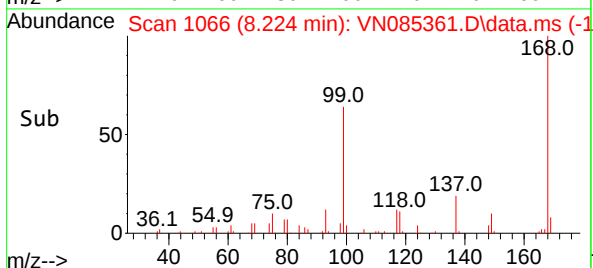
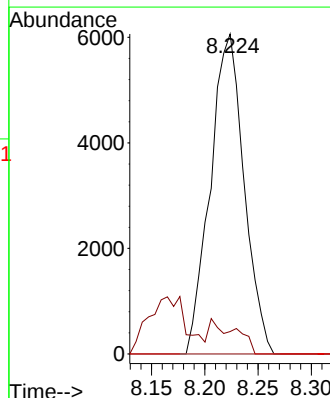
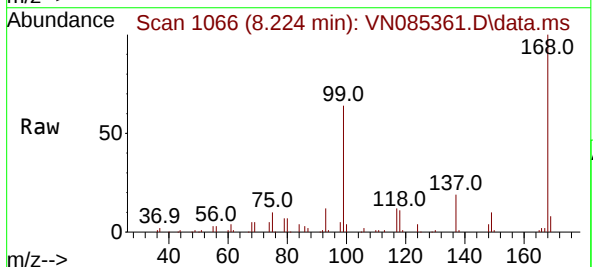
Instrument :
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ClientSampleId :

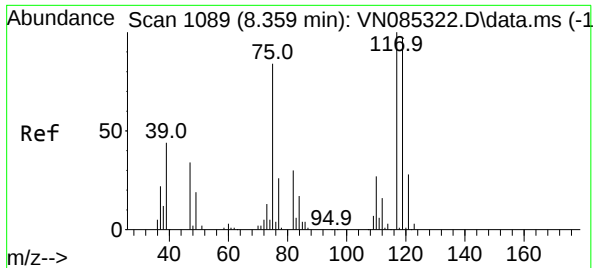
Tgt Ion:113 Resp: 93008
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 16.8 12.9 19.3



#36
1,1-Dichloropropene
Concen: 5.625 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

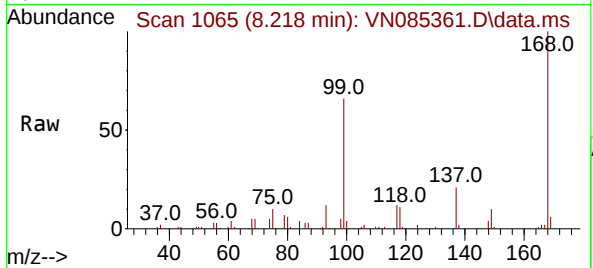
Tgt Ion: 75 Resp: 13351
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.8#
77 0.0 24.3 36.5#



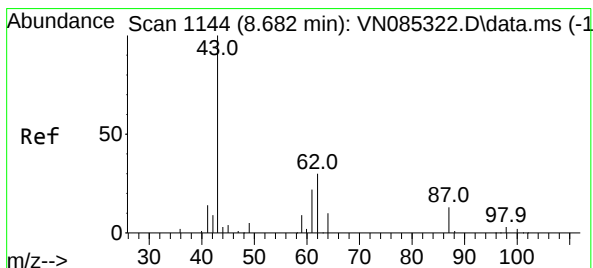
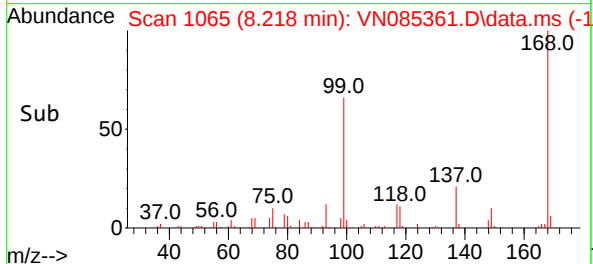
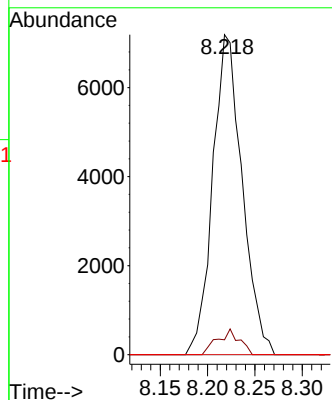


#38
Carbon Tetrachloride
Concen: 5.999 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Instrument :
MSVOA_N
ClientSampleId :

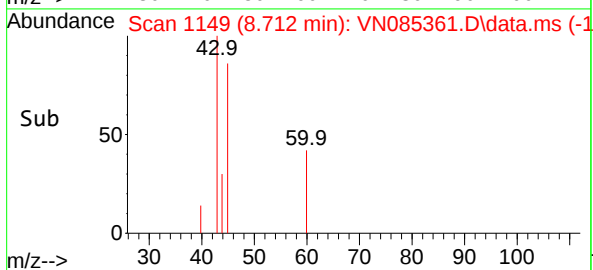
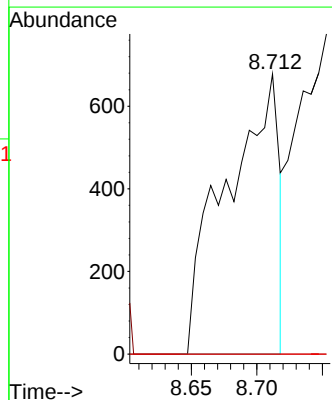
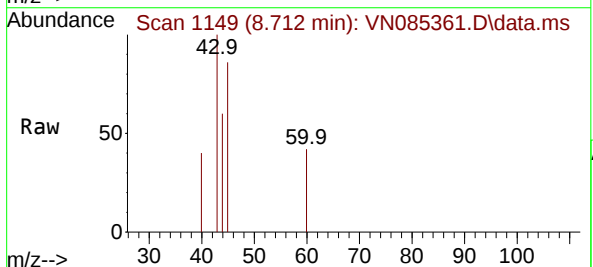


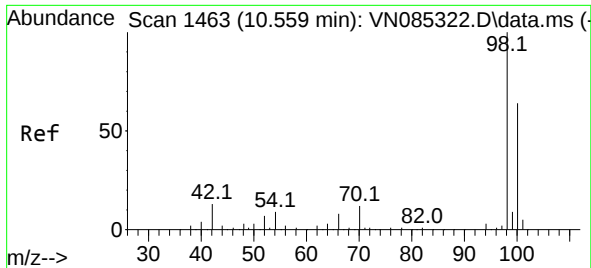
Tgt Ion:117 Resp: 15519
Ion Ratio Lower Upper
117 100
119 4.6 77.8 116.6#
121 0.0 22.5 33.7#



#43
Isopropyl Acetate
Concen: 0.485 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.029 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#

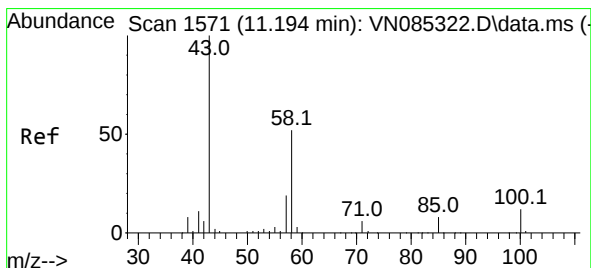
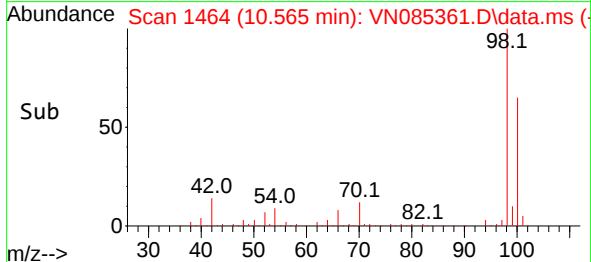
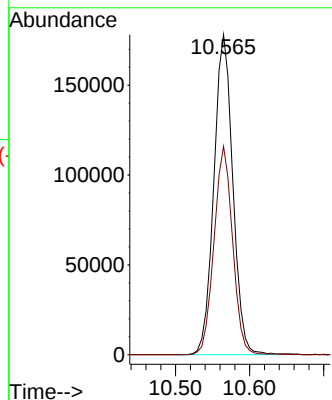
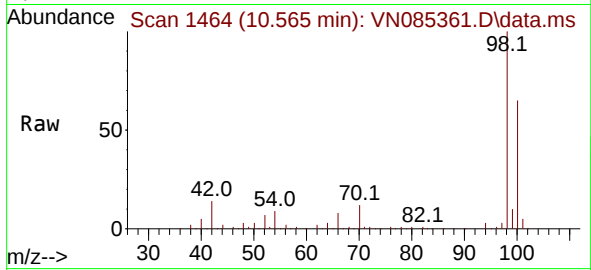




#50
Toluene-d8
Concen: 53.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

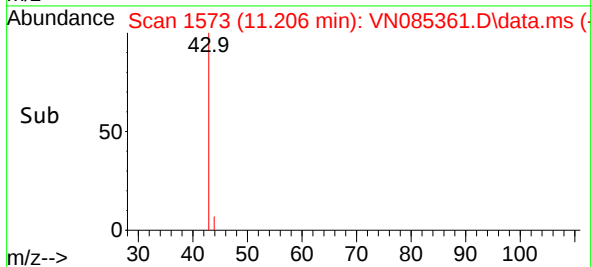
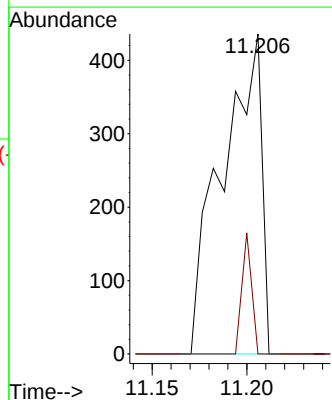
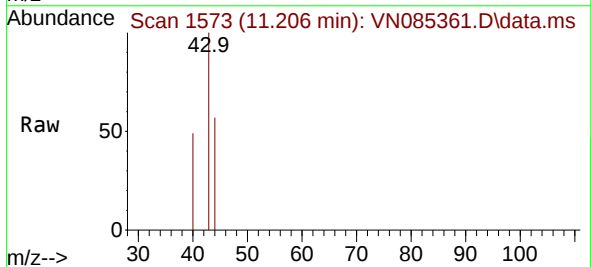
Instrument :
MSVOA_N
ClientSampleId :

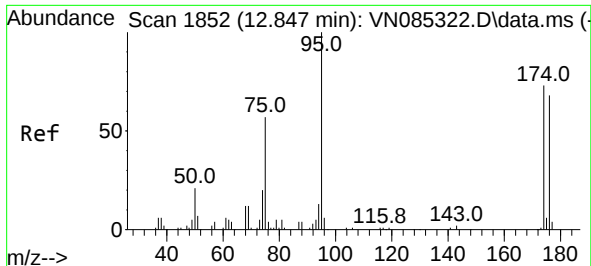
Tgt Ion: 98 Resp: 316346
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#59
2-Hexanone
Concen: 0.417 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 9.2 26.5 79.5#

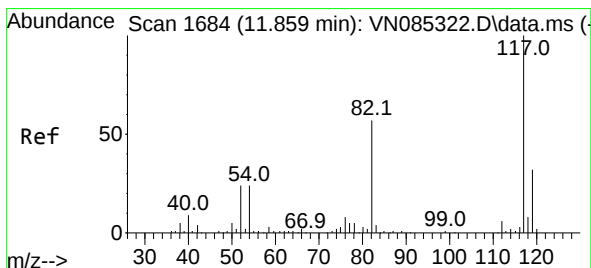
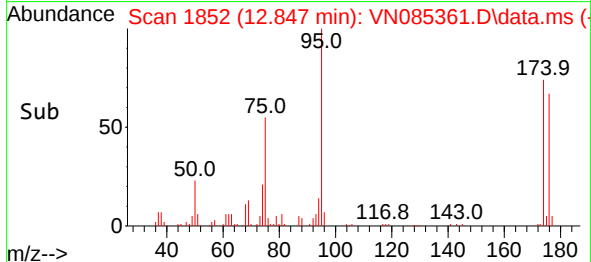
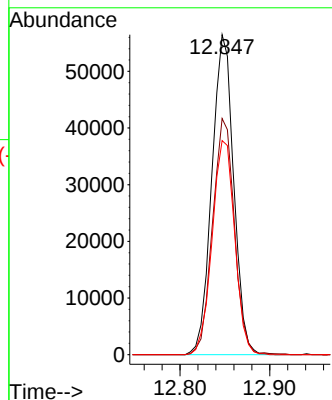
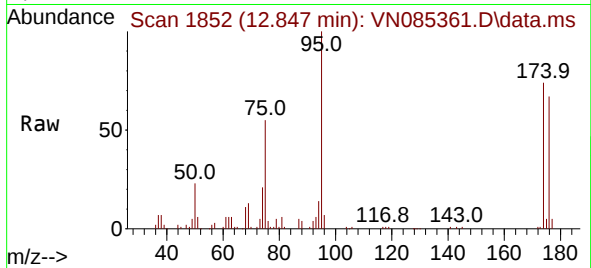




#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

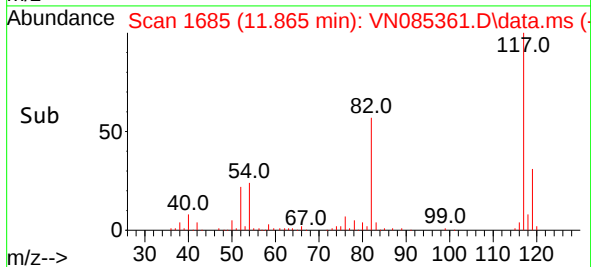
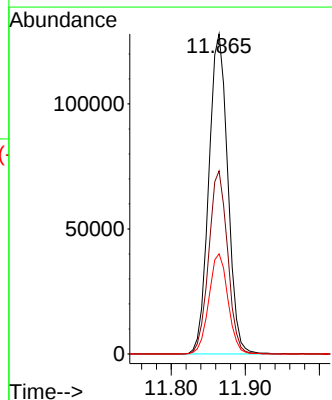
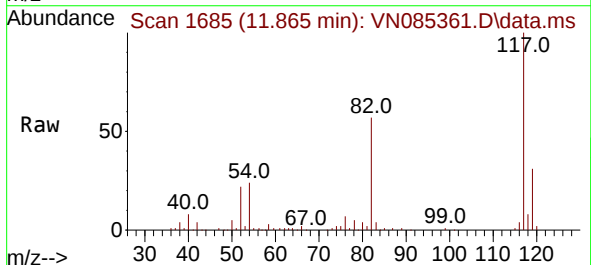
Instrument :
MSVOA_N
ClientSampleId :

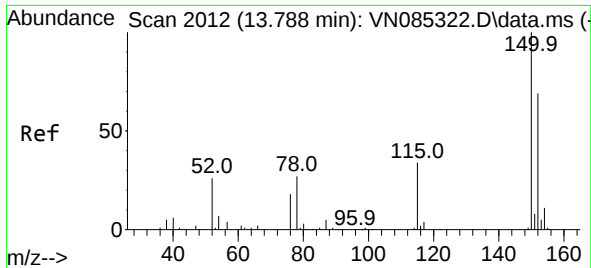
Tgt Ion: 95 Resp: 95116
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.2
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Tgt Ion: 117 Resp: 227401
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 31.3 25.8 38.8

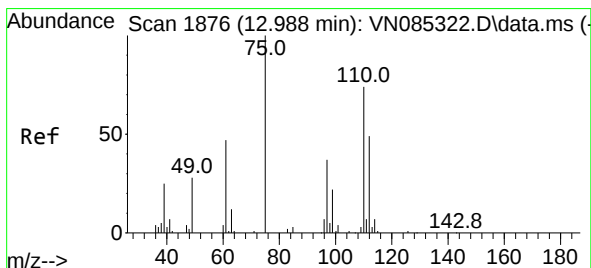
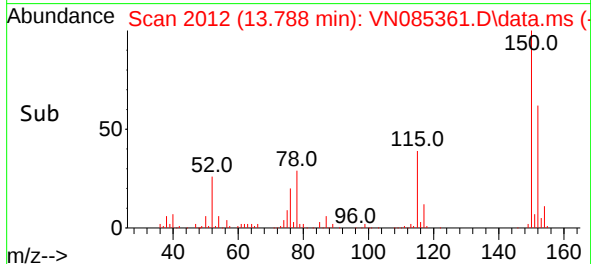
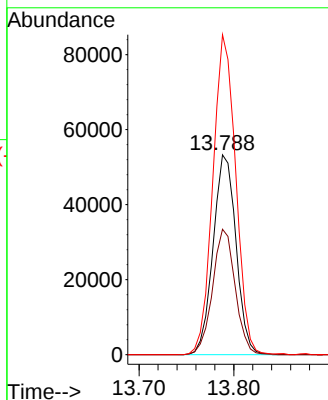
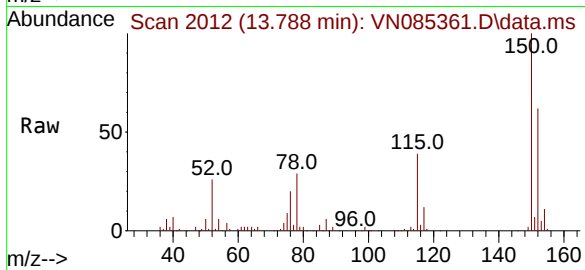




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085361.D
 Acq: 31 Dec 2024 09:55

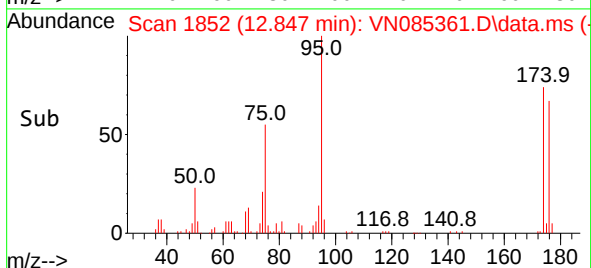
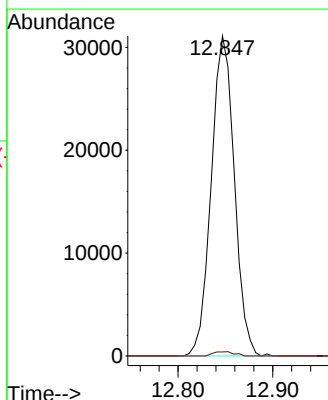
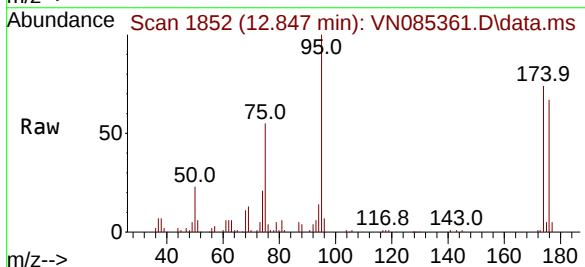
Instrument :
 MSVOA_N
 ClientSampleId :

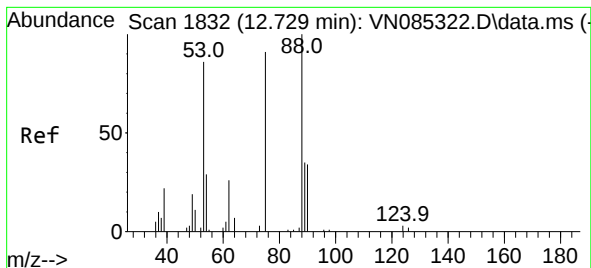
Tgt Ion:152 Resp: 89672
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.4 91.3
 150 159.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 31.497 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085361.D
 Acq: 31 Dec 2024 09:55

Tgt Ion: 75 Resp: 52743
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.1 294.3#

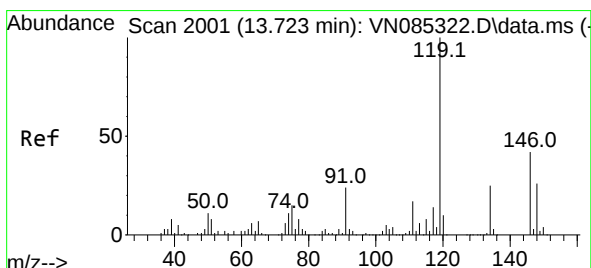
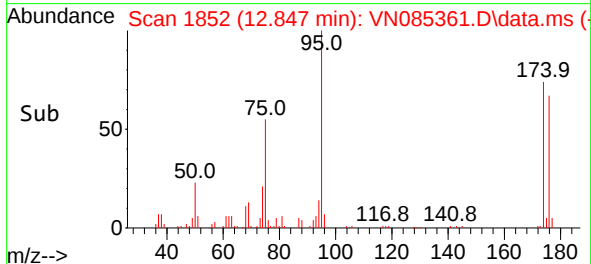
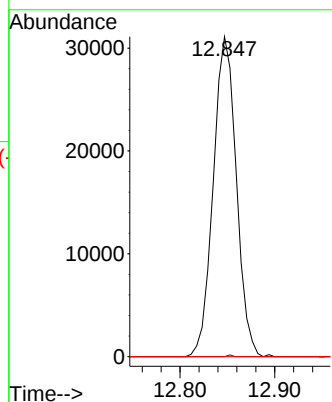
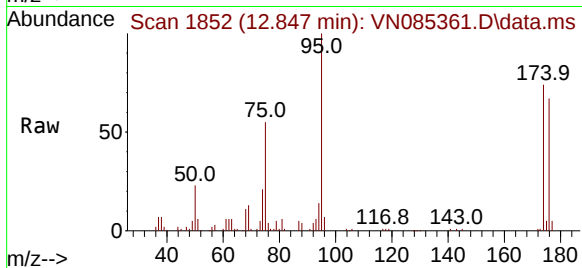




#81
trans-1,4-Dichloro-2-butene
Concen: 75.431 ug/l
RT: 12.847 min Scan# 1832
Delta R.T. 0.118 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

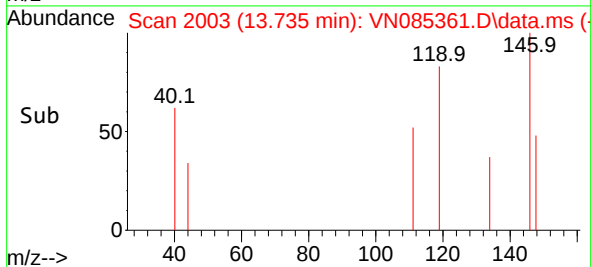
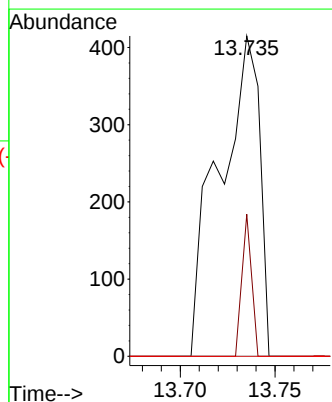
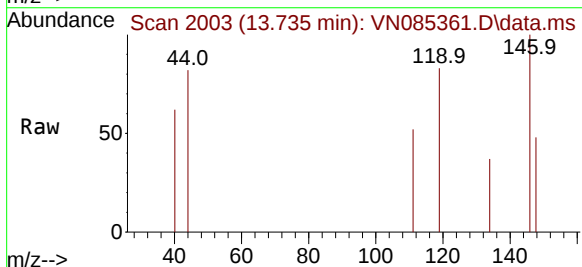
Instrument :
MSVOA_N
ClientSampleId :

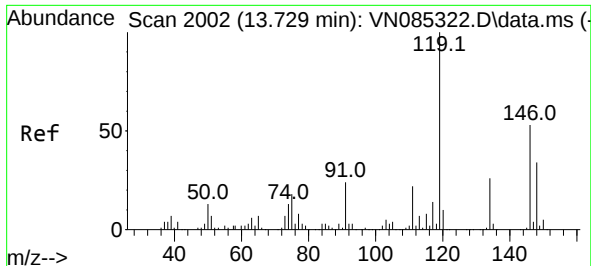
Tgt Ion: 75 Resp: 52743
Ion Ratio Lower Upper
75 100
53 0.1 80.0 120.0#
89 0.0 35.8 53.8#



#86
p-Isopropyltoluene
Concen: 0.308 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.012 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

Tgt Ion: 119 Resp: 615
Ion Ratio Lower Upper
119 100
134 10.6 12.5 37.5#
91 0.0 12.2 36.4#





#87

1,3-Dichlorobenzene

Concen: 0.251 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN085361.D

Acq: 31 Dec 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

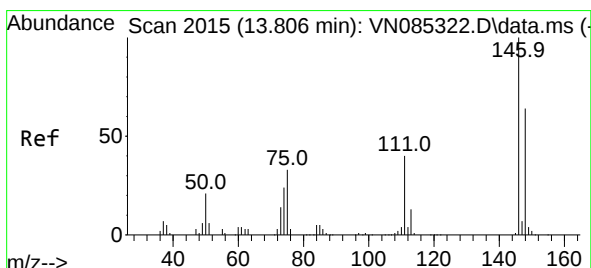
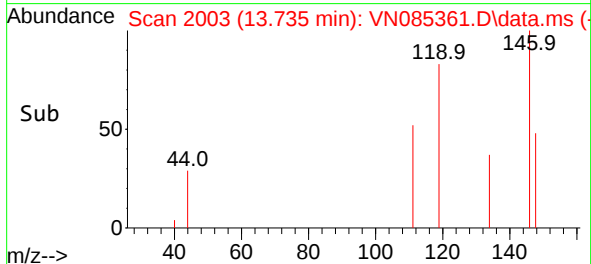
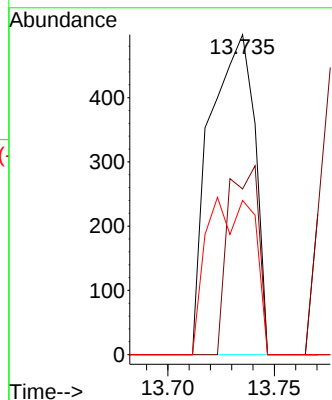
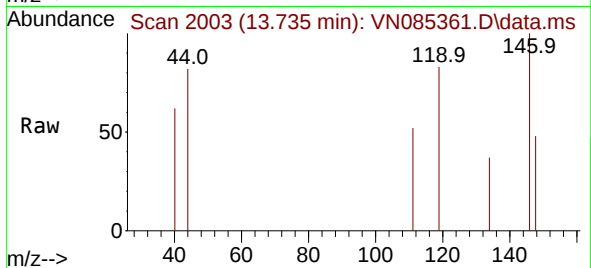
Tgt Ion:146 Resp: 727

Ion Ratio Lower Upper

146 100

111 40.2 21.3 63.9

148 52.3 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 0.244 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.071 min

Lab File: VN085361.D

Acq: 31 Dec 2024 09:55

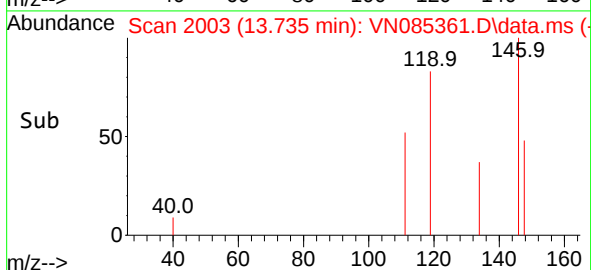
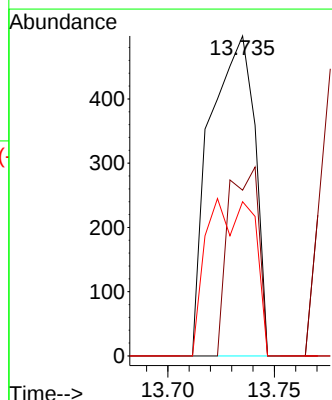
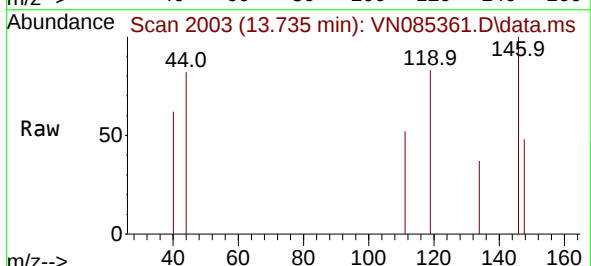
Tgt Ion:146 Resp: 727

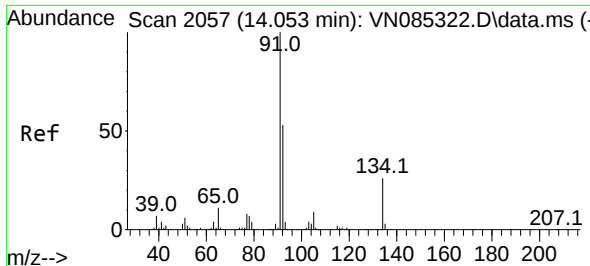
Ion Ratio Lower Upper

146 100

111 40.2 20.8 62.5

148 52.3 31.7 95.1

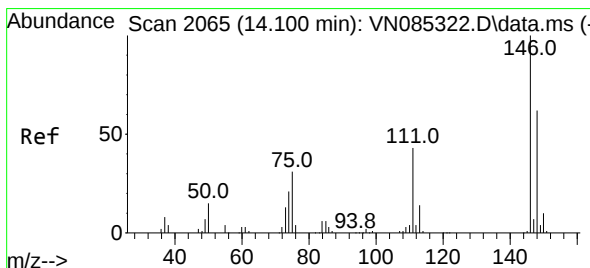
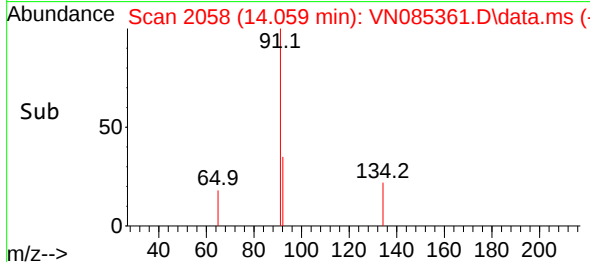
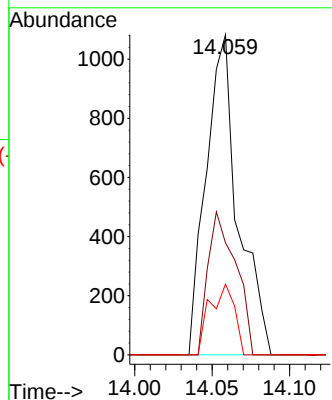
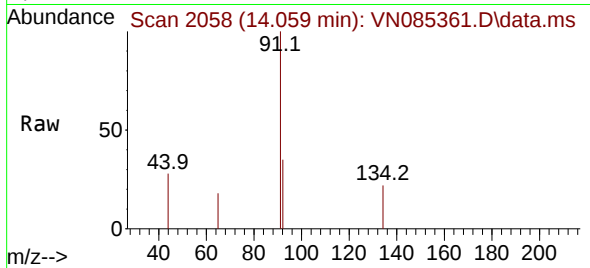




#89
n-Butylbenzene
Concen: 0.338 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

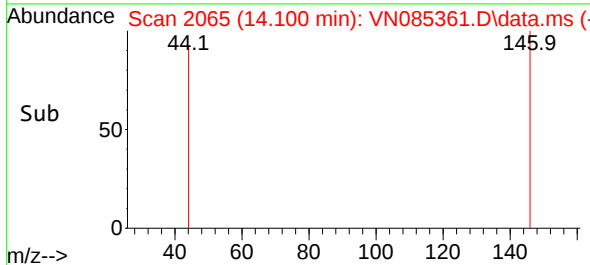
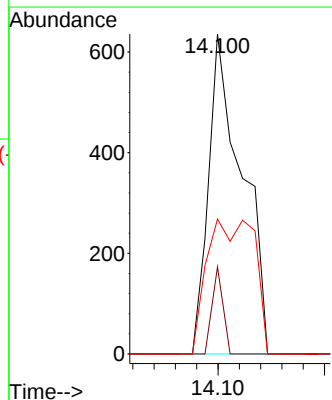
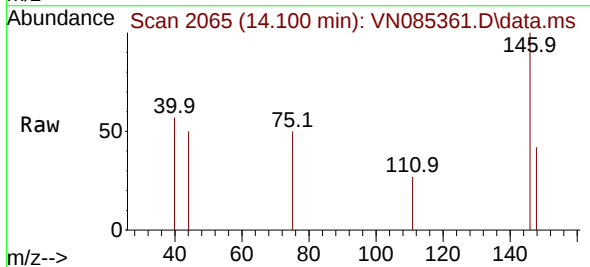
Instrument :
MSVOA_N
ClientSampleId :

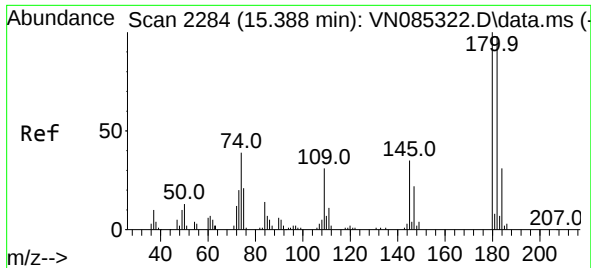
Tgt Ion: 91 Resp: 1550
Ion Ratio Lower Upper
91 100
92 39.0 26.0 78.0
134 17.0 12.1 36.3



#91
1,2-Dichlorobenzene
Concen: 0.252 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

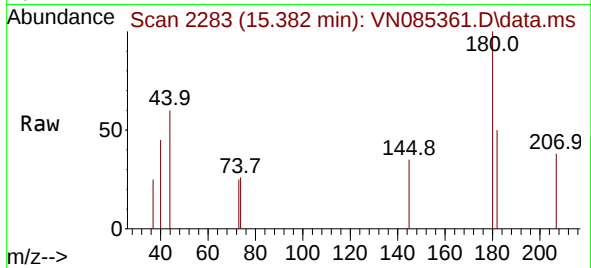
Tgt Ion: 146 Resp: 695
Ion Ratio Lower Upper
146 100
111 8.8 21.8 65.3#
148 59.9 31.4 94.2



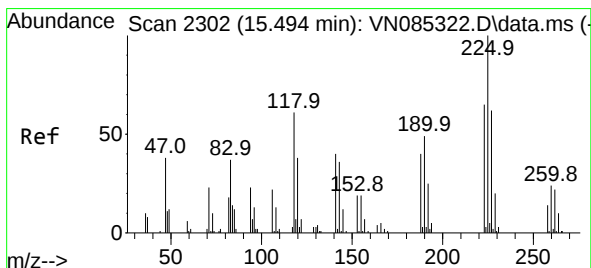
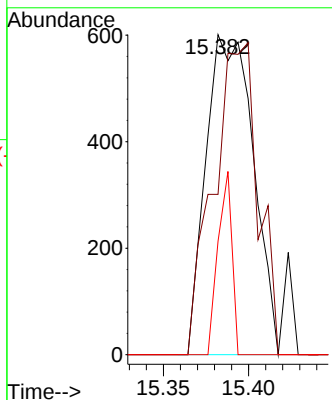
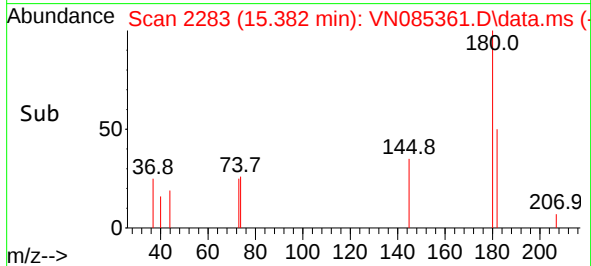


#93
1,2,4-Trichlorobenzene
Concen: 0.842 ug/l
RT: 15.382 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55

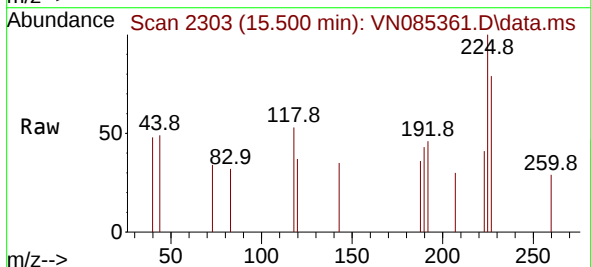
Instrument :
MSVOA_N
ClientSampleId :



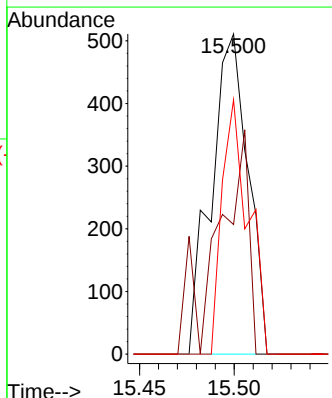
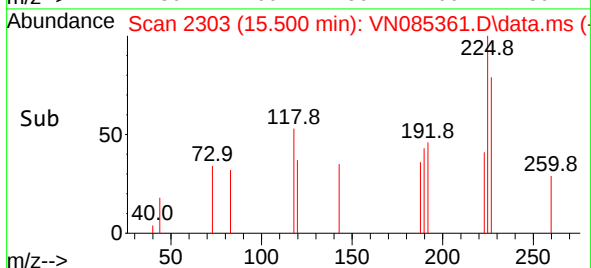
Tgt Ion:180 Resp: 1159
Ion Ratio Lower Upper
180 100
182 92.0 47.2 141.6
145 17.0 16.6 49.8

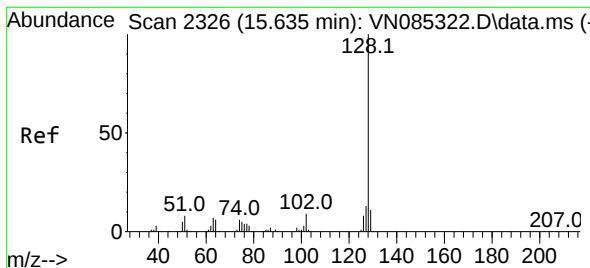


#94
Hexachlorobutadiene
Concen: 1.013 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085361.D
Acq: 31 Dec 2024 09:55



Tgt Ion:225 Resp: 693
Ion Ratio Lower Upper
225 100
223 59.0 31.6 94.7
227 56.7 30.3 91.0





#95

Naphthalene

Concen: 1.026 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085361.D

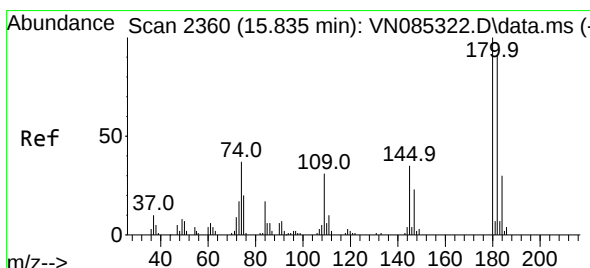
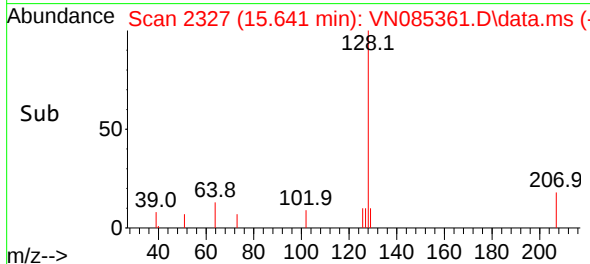
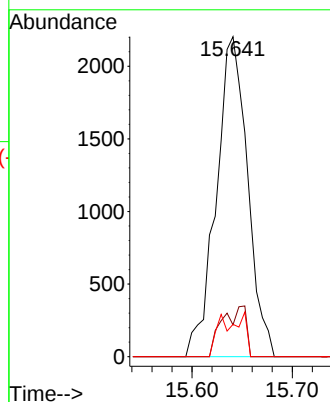
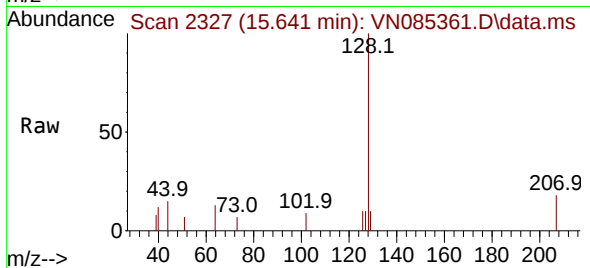
Acq: 31 Dec 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	4789
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.6 16.0
129	0.0	8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 0.858 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.006 min

Lab File: VN085361.D

Acq: 31 Dec 2024 09:55

Tgt Ion:180	Resp:	1180
Ion Ratio	Lower	Upper
180	100	
182	0.0	46.8 140.4#
145	0.0	17.2 51.6#

