

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083640.D
 Acq On : 04 Sep 2024 11:17
 Operator : JC\MD
 Sample : VN0904MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 01:51:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

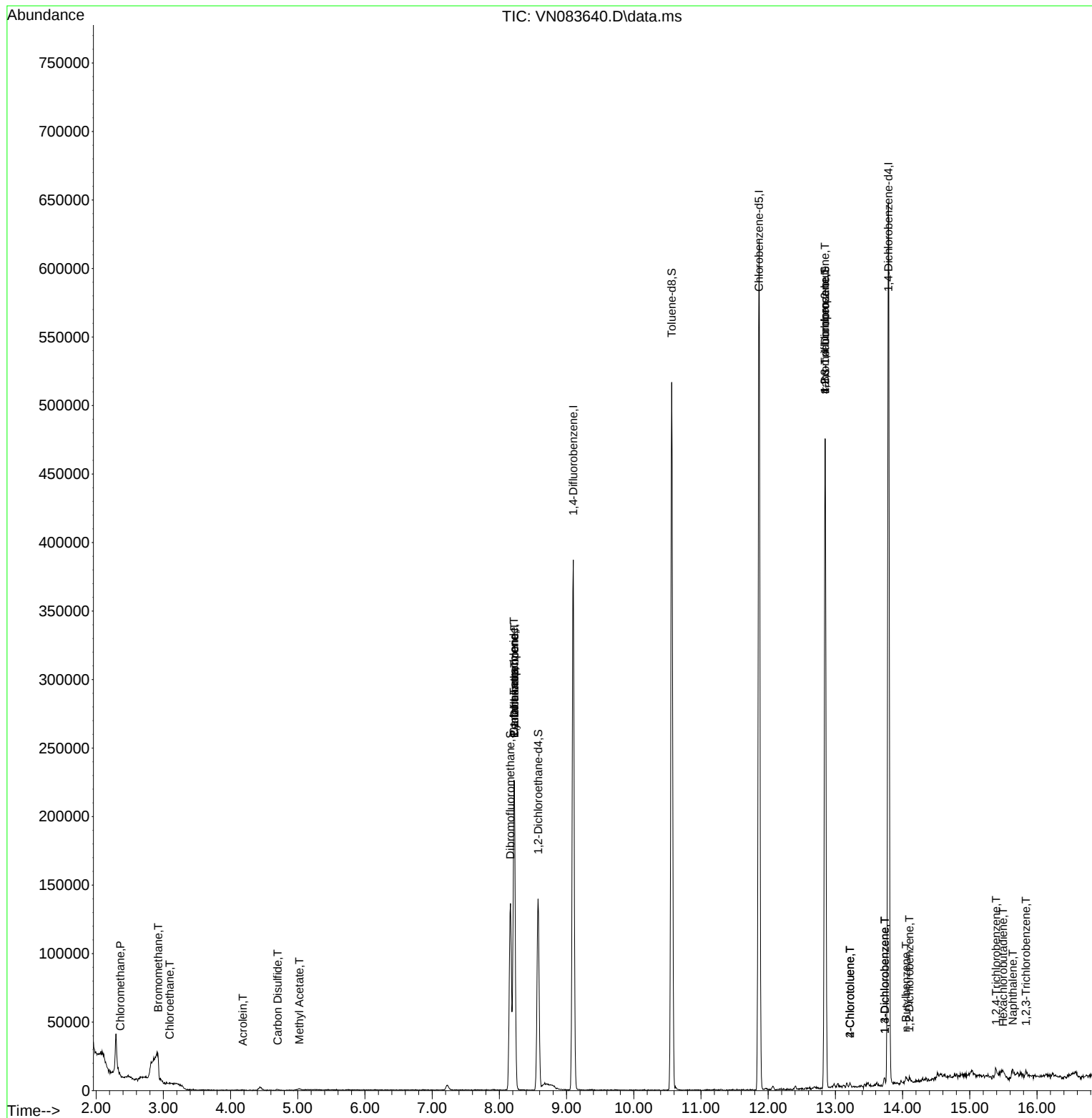
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	155296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119683	55.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.280%	
35) Dibromofluoromethane	8.165	113	95769	50.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	10.565	98	349670	46.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	12.847	95	168888	61.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 122.340%#	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	713	0.372	ug/l #	67
5) Bromomethane	2.924	94	705	0.700	ug/l #	42
6) Chloroethane	3.095	64	947	0.756	ug/l #	45
13) Acrolein	4.183	56	119	0.372	ug/l #	13
17) Carbon Disulfide	4.700	76	1295	0.261	ug/l #	75
18) Methyl Acetate	5.024	43	1444	0.627	ug/l #	79
31) Cyclohexane	8.224	56	3964	1.181	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	13805	4.729	ug/l #	50
38) Carbon Tetrachloride	8.218	117	18191	5.461	ug/l #	16
43) Isopropyl Acetate	8.677	43	5428	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.847	75	91001	27.467	ug/l #	1
79) 2-Chlorotoluene	13.217	91	2346	0.236	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.847	75	91001	64.784	ug/l #	9
82) 4-Chlorotoluene	13.217	91	2346	0.232	ug/l	86
87) 1,3-Dichlorobenzene	13.735	146	1637	0.271	ug/l	89
88) 1,4-Dichlorobenzene	13.735	146	1637	0.263	ug/l	88
89) n-Butylbenzene	14.053	91	2911	0.300	ug/l	90
91) 1,2-Dichlorobenzene	14.100	146	1408	0.242	ug/l #	61
93) 1,2,4-Trichlorobenzene	15.394	180	1619	0.490	ug/l #	82
94) Hexachlorobutadiene	15.494	225	318	0.240	ug/l #	53
95) Naphthalene	15.641	128	5927	0.558	ug/l	95
96) 1,2,3-Trichlorobenzene	15.835	180	1533	0.465	ug/l	84

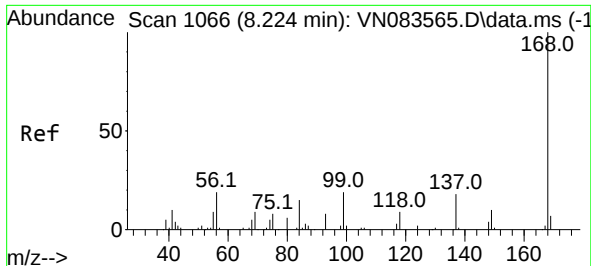
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
Data File : VN083640.D
Acq On : 04 Sep 2024 11:17
Operator : JC\MD
Sample : VN0904MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

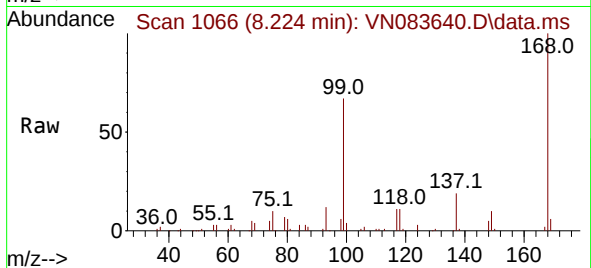
Quant Time: Sep 05 01:51:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



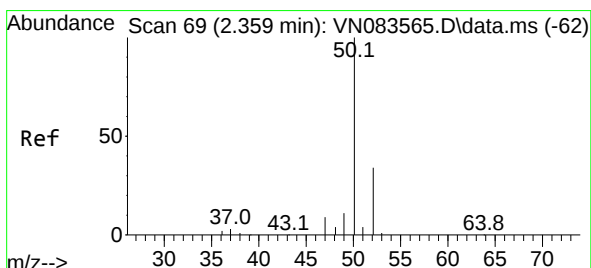
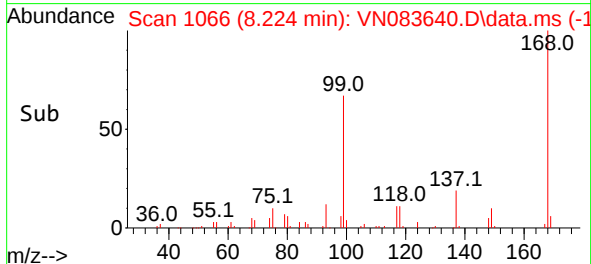
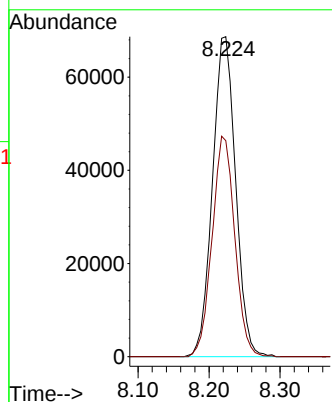


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :

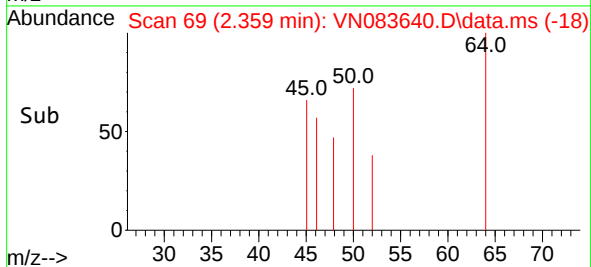
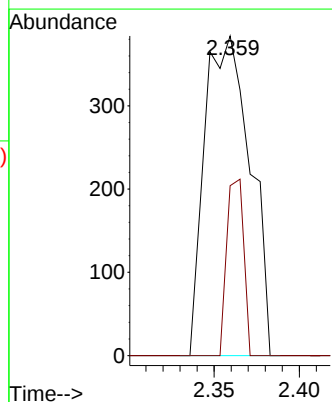
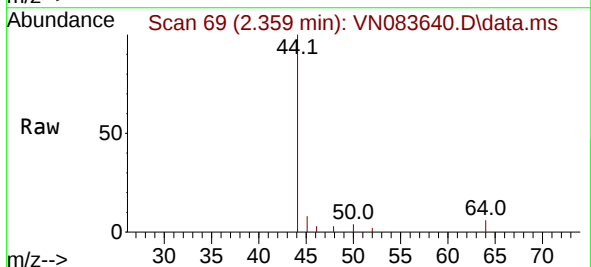


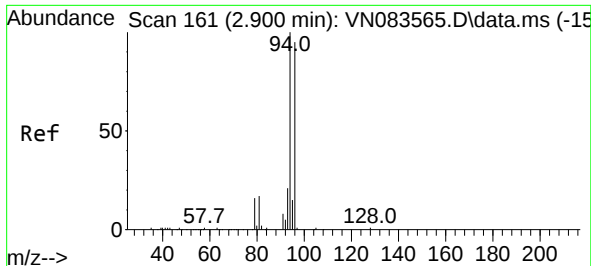
Tgt Ion:168 Resp: 155296
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#3
Chloromethane
Concen: 0.372 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 53.1 27.2 40.8#





#5

Bromomethane

Concen: 0.700 ug/l

RT: 2.924 min Scan# 1

Delta R.T. 0.023 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

Instrument :

MSVOA_N

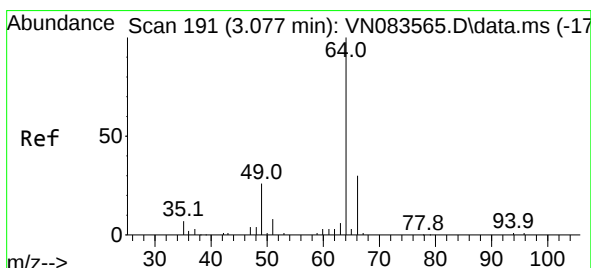
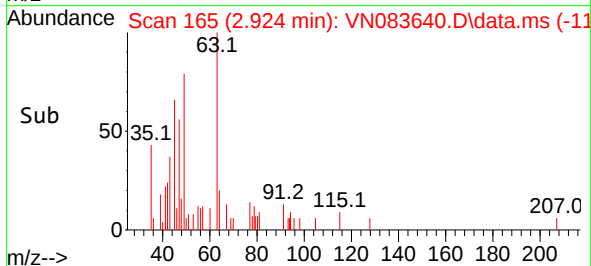
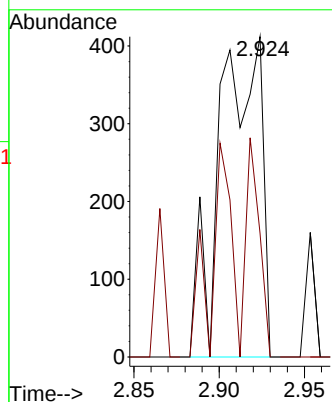
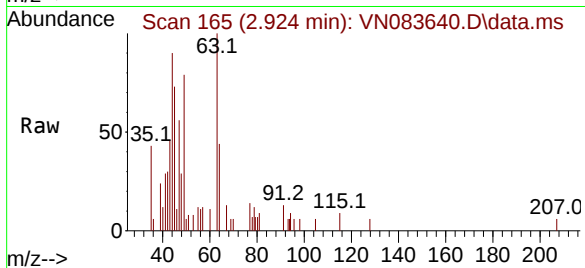
ClientSampleId :

Tgt Ion: 94 Resp: 705

Ion Ratio Lower Upper

94 100

96 38.6 76.0 114.0#



#6

Chloroethane

Concen: 0.756 ug/l

RT: 3.095 min Scan# 194

Delta R.T. 0.018 min

Lab File: VN083640.D

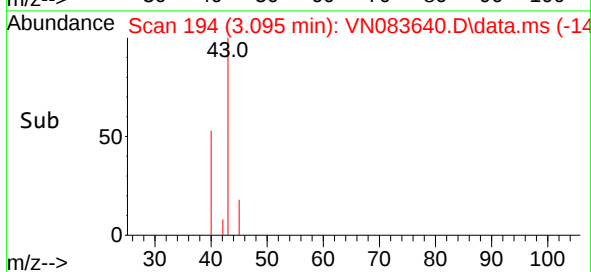
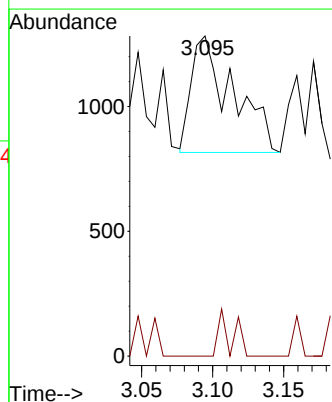
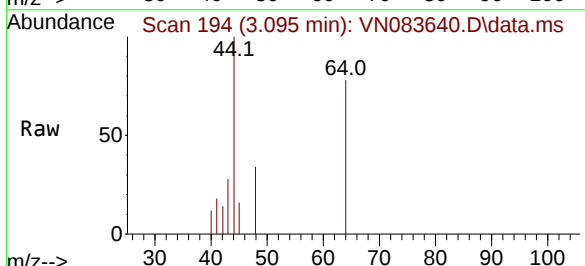
Acq: 04 Sep 2024 11:17

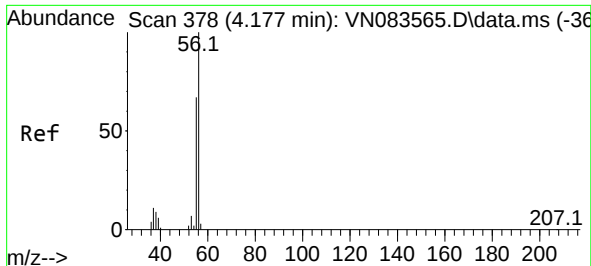
Tgt Ion: 64 Resp: 947

Ion Ratio Lower Upper

64 100

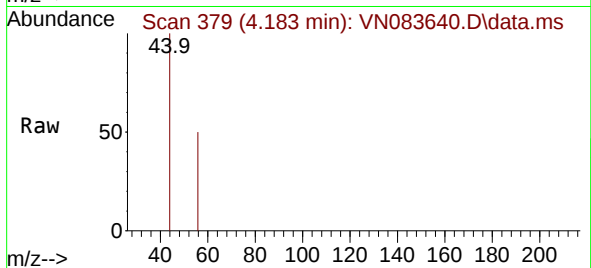
66 0.0 23.9 35.9#



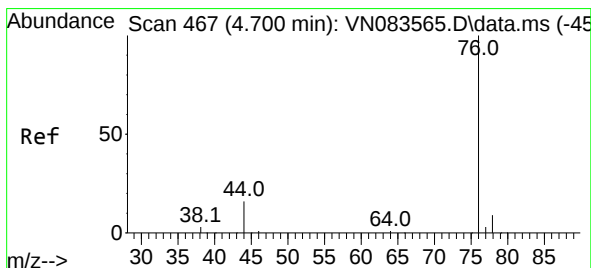
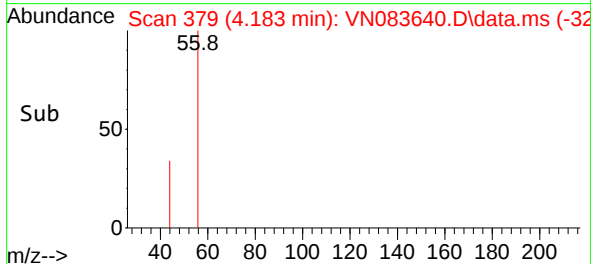
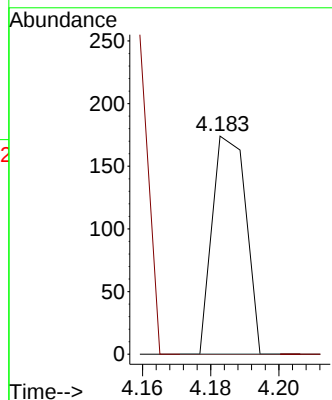


#13
Acrolein
Concen: 0.372 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :

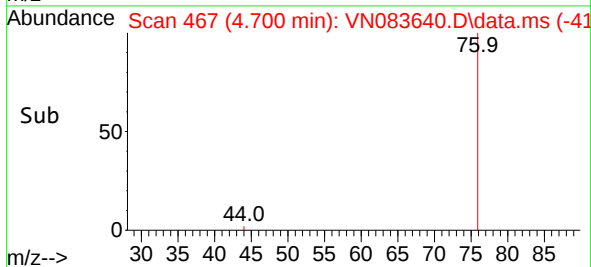
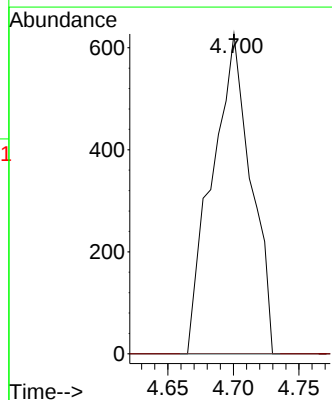
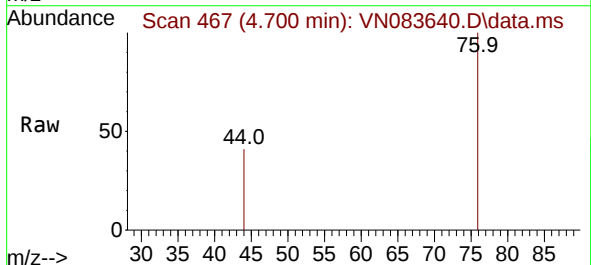


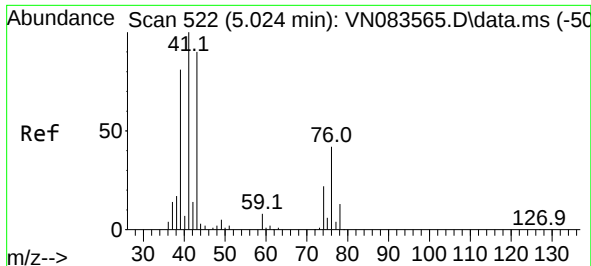
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Tgt Ion: 76 Resp: 1295
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: 0.627 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

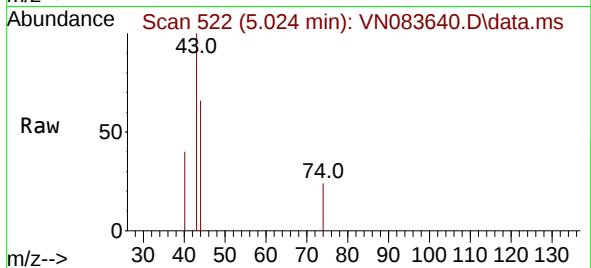
Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

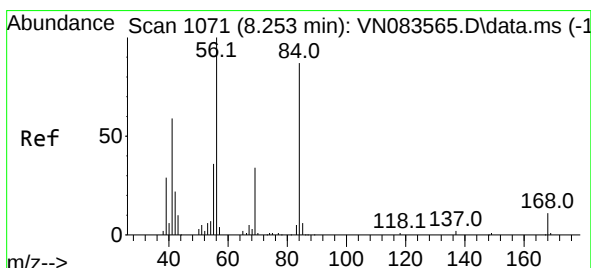
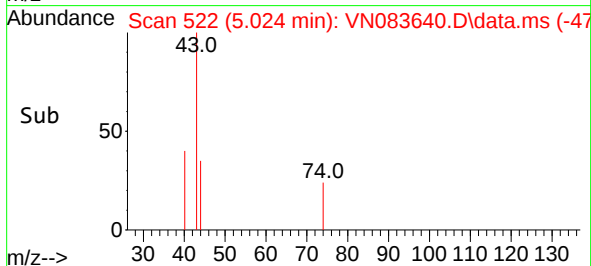
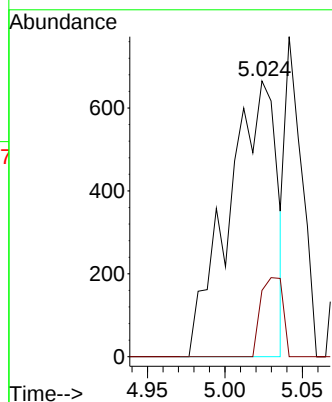


Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

74 13.2 19.0 28.4#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

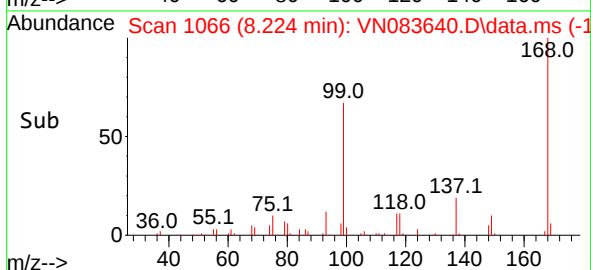
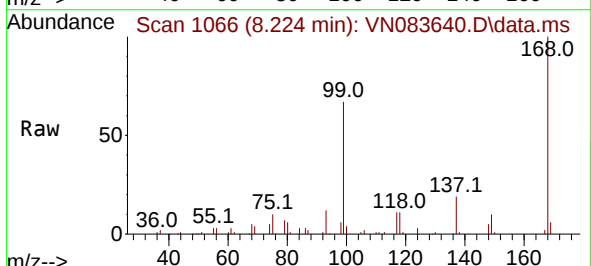
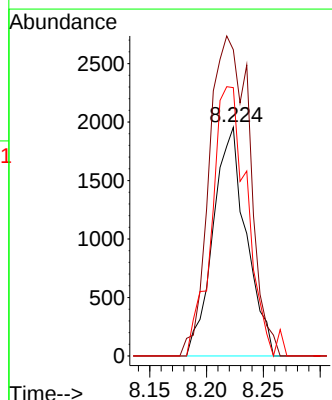
Tgt Ion: 56 Resp: 3964

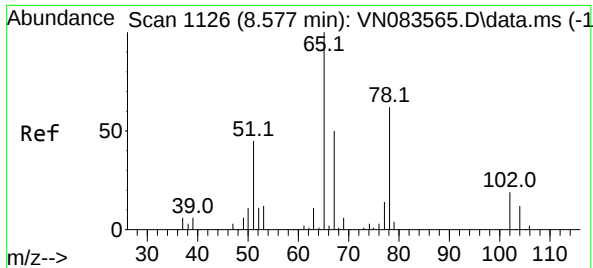
Ion Ratio Lower Upper

56 100

69 134.0 26.9 40.3#

84 117.3 69.2 103.8#

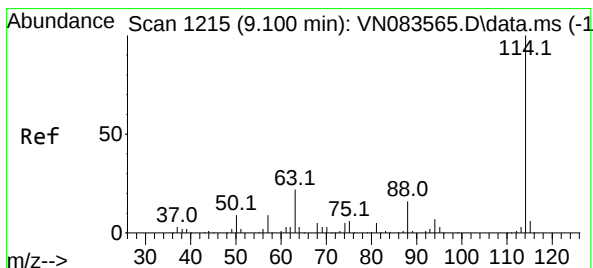
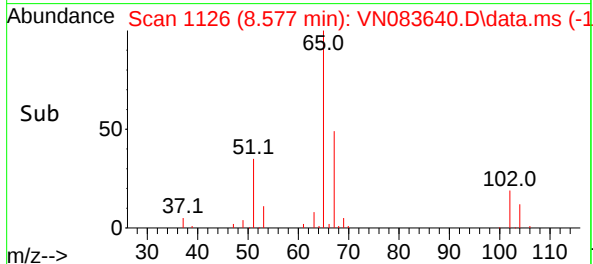
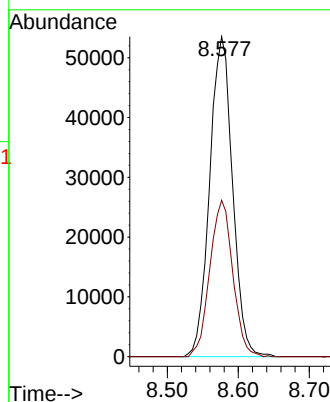
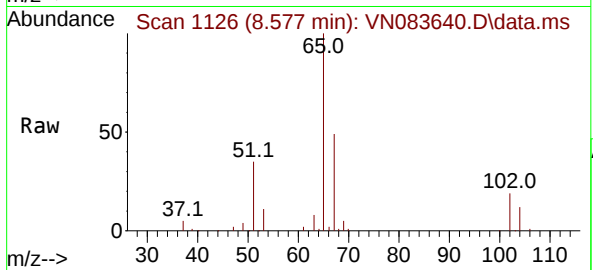




#33
1,2-Dichloroethane-d4
Concen: 55.143 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

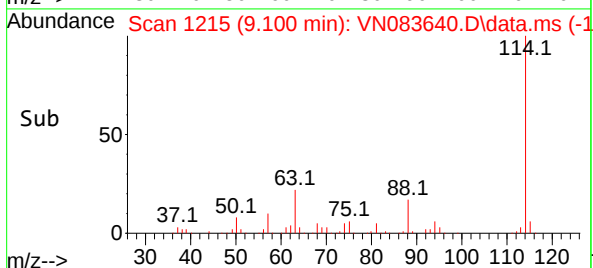
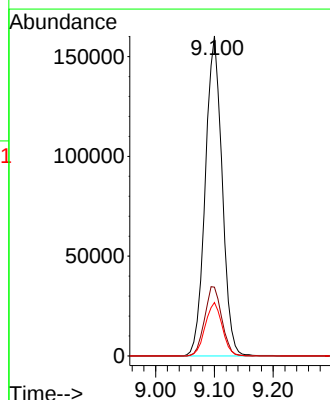
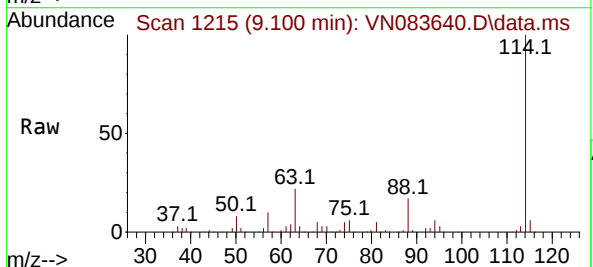
Instrument :
MSVOA_N
ClientSampleId :

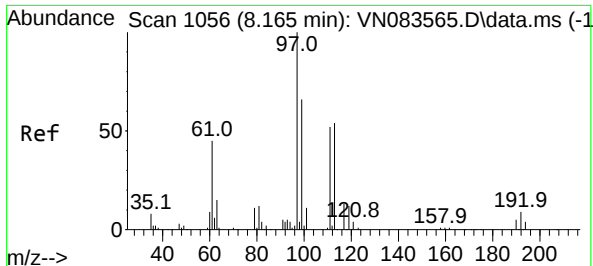
Tgt Ion: 65 Resp: 119683
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Tgt Ion: 114 Resp: 318003
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.036 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

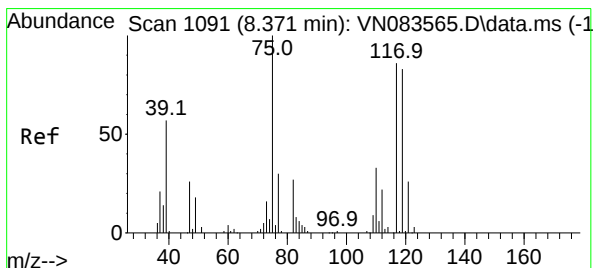
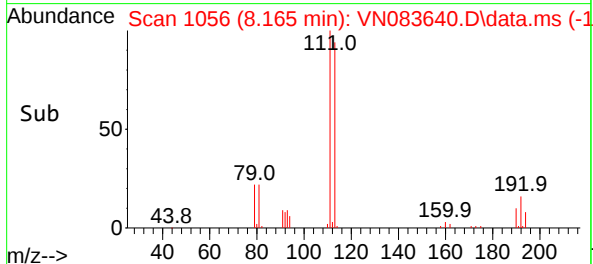
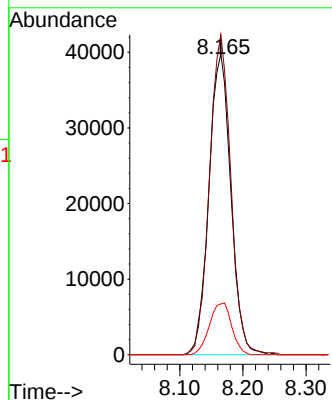
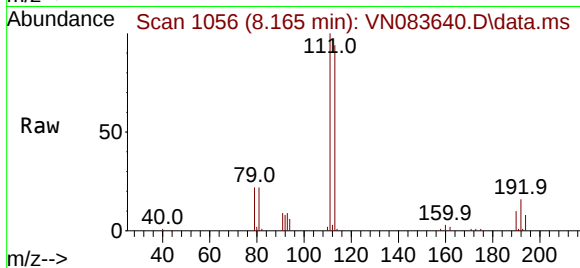
Tgt Ion:113 Resp: 95769

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.729 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

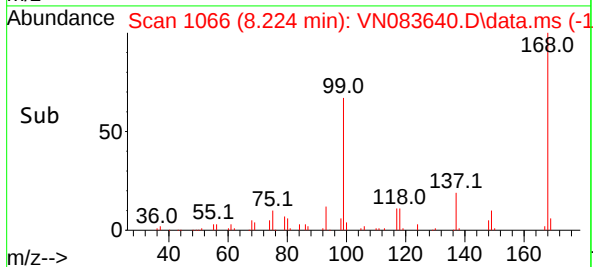
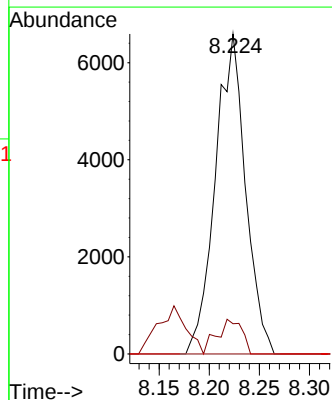
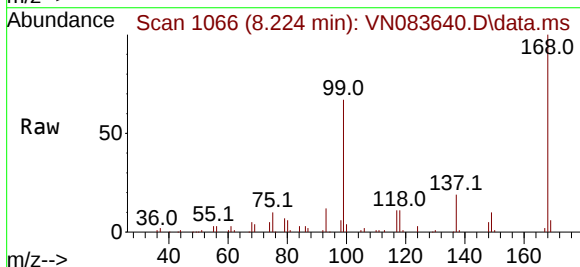
Tgt Ion: 75 Resp: 13805

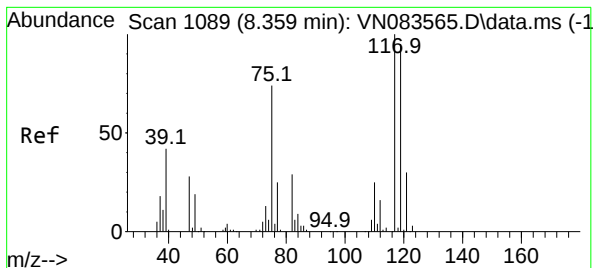
Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.461 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.141 min

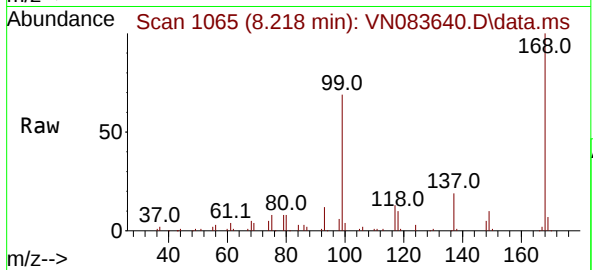
Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :



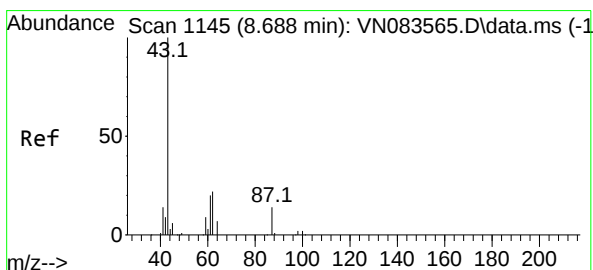
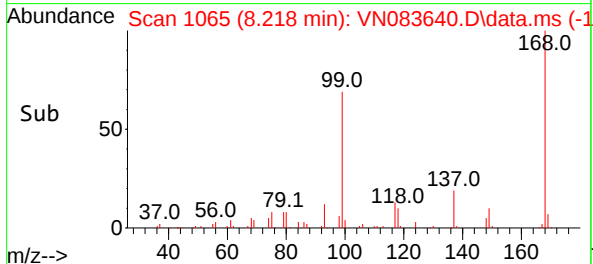
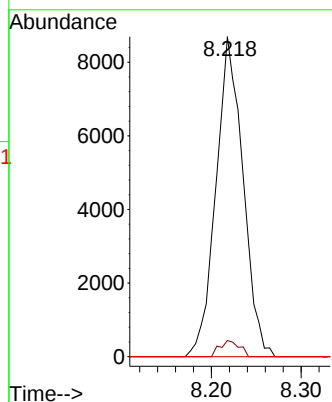
Tgt Ion:117 Resp: 18191

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

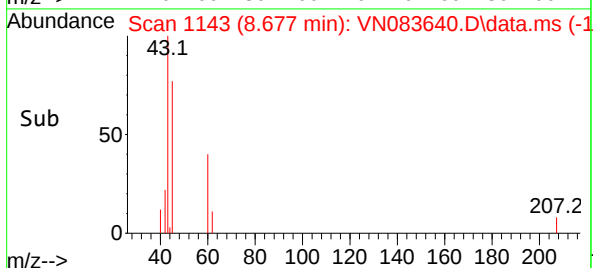
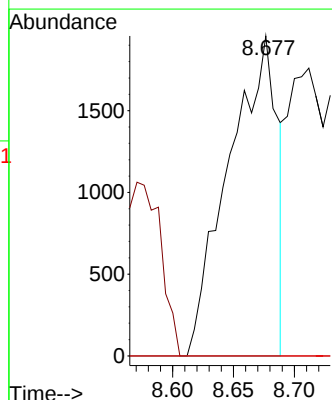
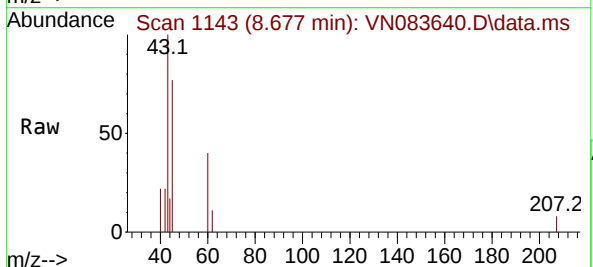
Tgt Ion: 43 Resp: 5428

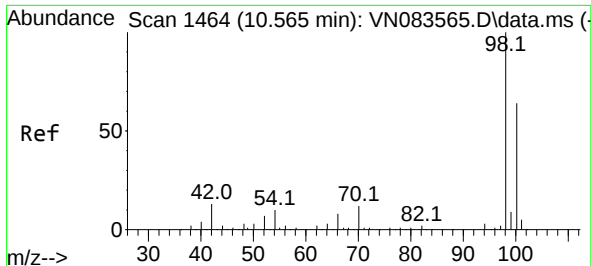
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

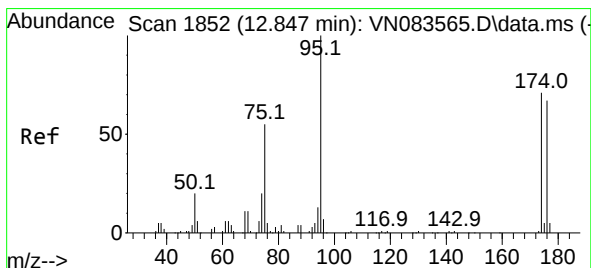
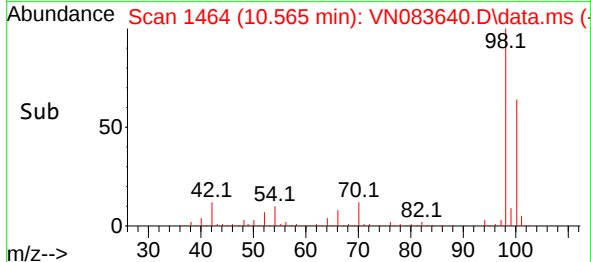
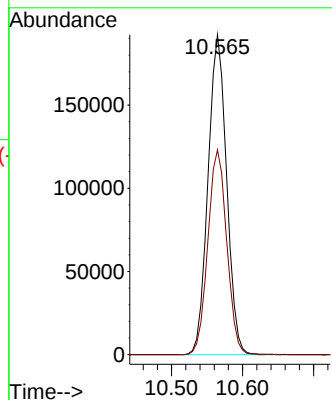
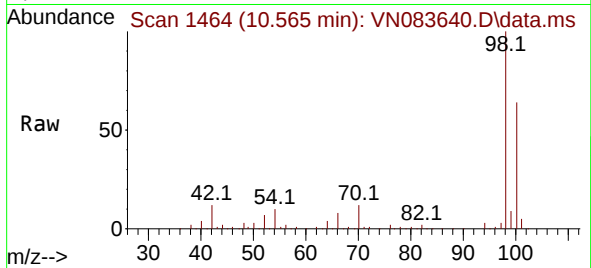




#50
Toluene-d8
Concen: 46.932 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

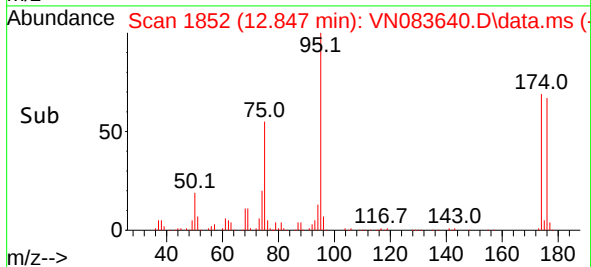
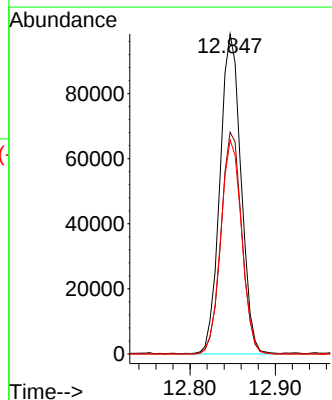
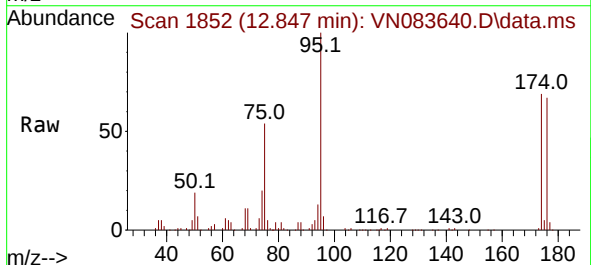
Instrument :
MSVOA_N
ClientSampleId :

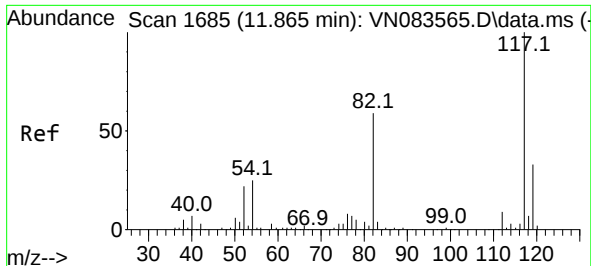
Tgt Ion: 98 Resp: 349670
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.167 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Tgt Ion: 95 Resp: 168888
Ion Ratio Lower Upper
95 100
174 68.1 0.0 139.8
176 66.5 0.0 131.4

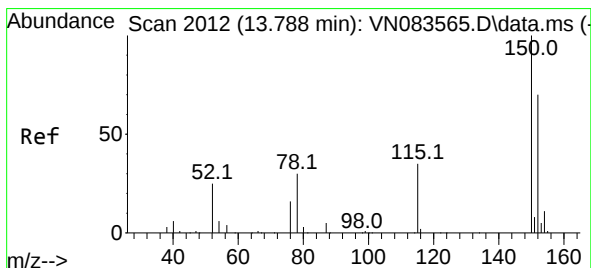
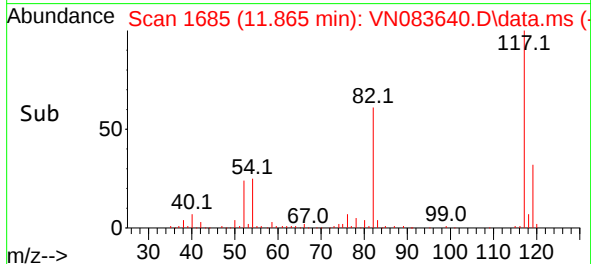
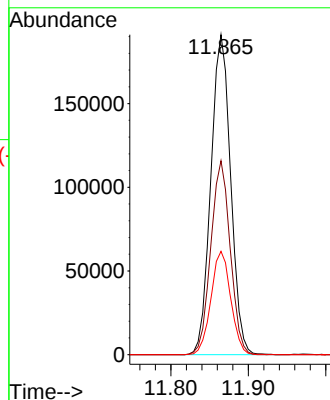
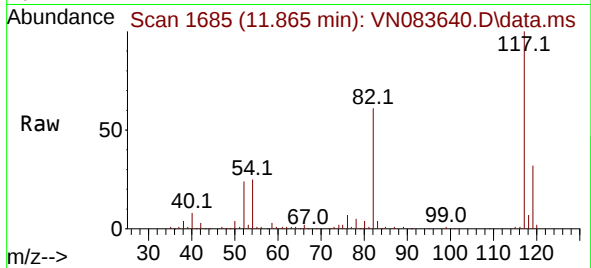




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

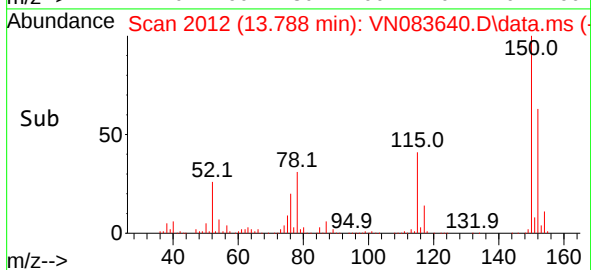
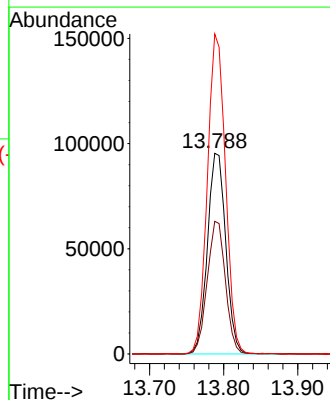
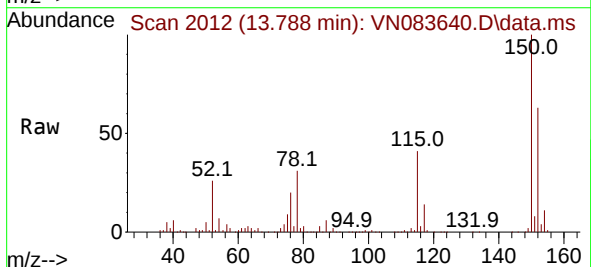
Instrument :
MSVOA_N
ClientSampleId :

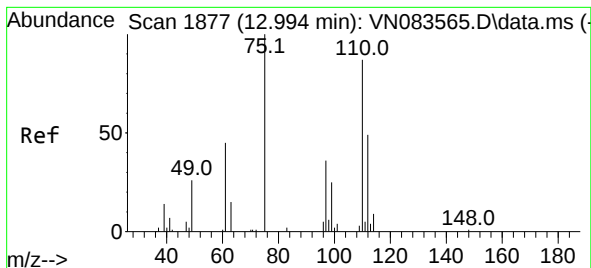
Tgt Ion:117 Resp: 340123
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Tgt Ion:152 Resp: 164096
Ion Ratio Lower Upper
152 100
115 65.6 32.2 96.6
150 157.2 0.0 348.6

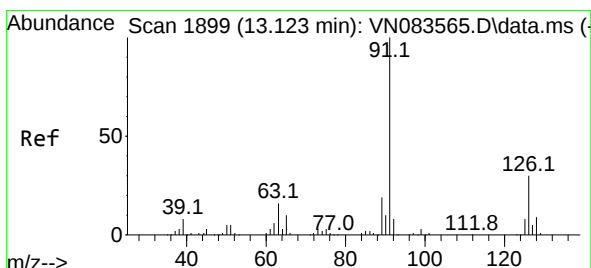
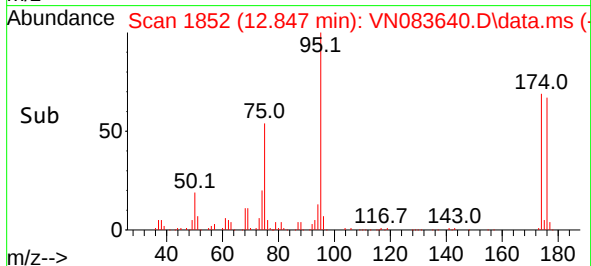
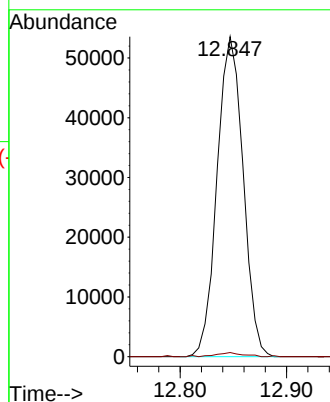
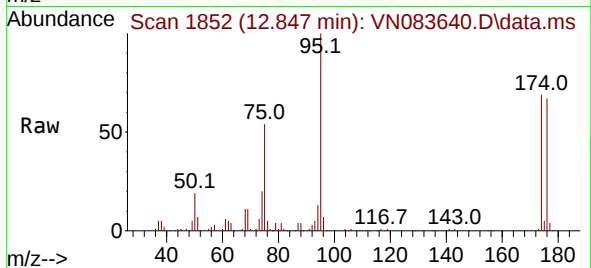




#76
1,2,3-Trichloropropane
Concen: 27.467 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

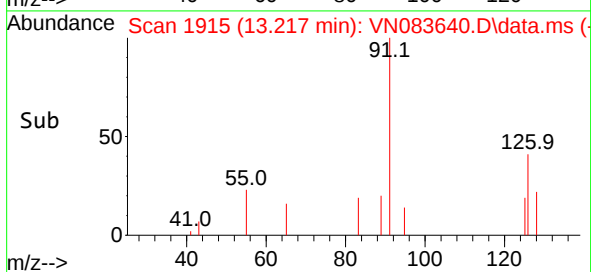
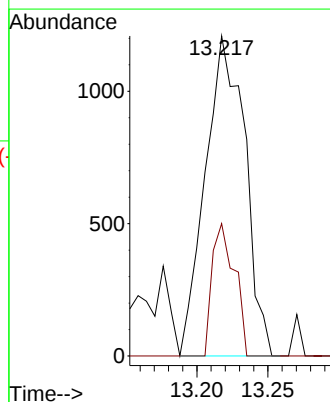
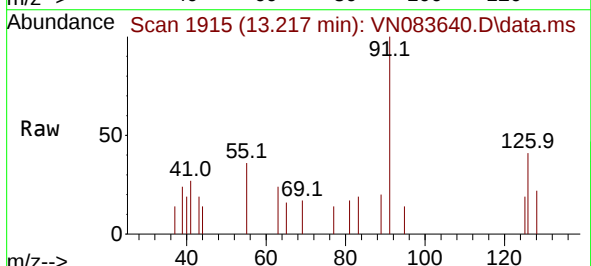
Instrument :
MSVOA_N
ClientSampleId :

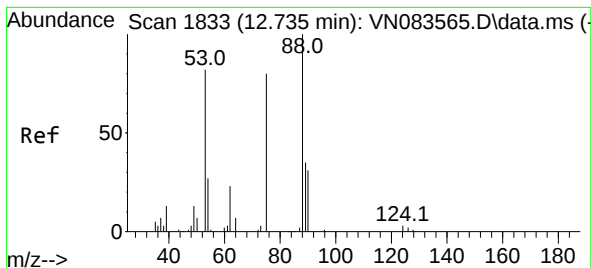
Tgt Ion: 75 Resp: 91001
Ion Ratio Lower Upper
75 100
77 1.3 95.2 285.6#



#79
2-Chlorotoluene
Concen: 0.236 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

Tgt Ion: 91 Resp: 2346
Ion Ratio Lower Upper
91 100
126 23.3 15.4 46.2

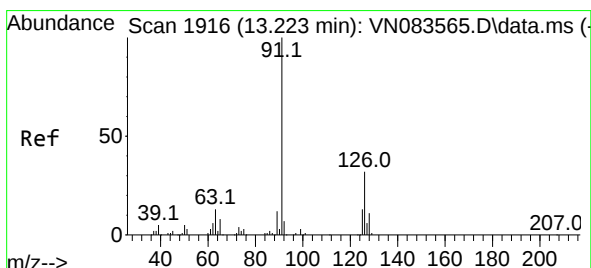
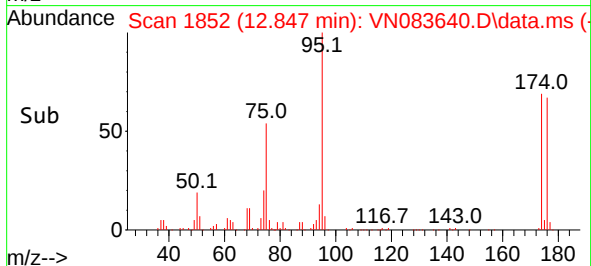
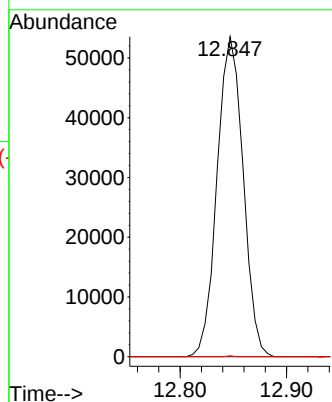
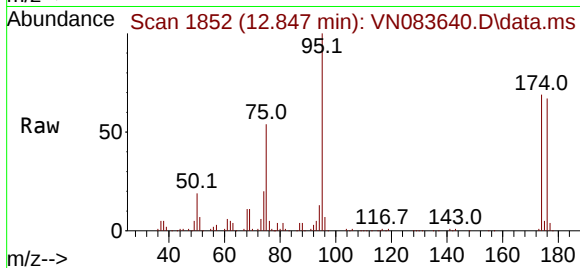




#81
trans-1,4-Dichloro-2-butene
Concen: 64.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

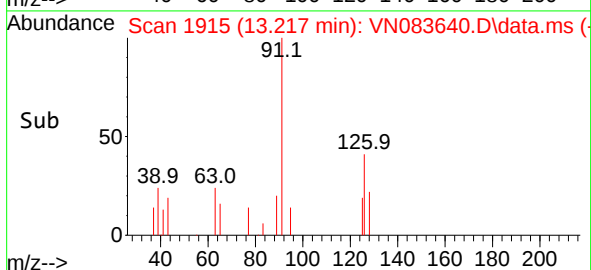
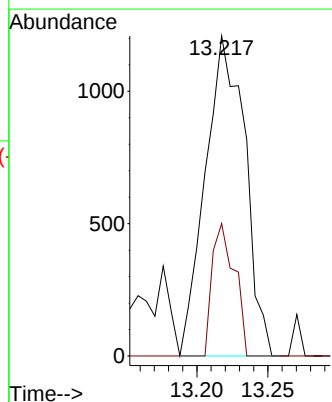
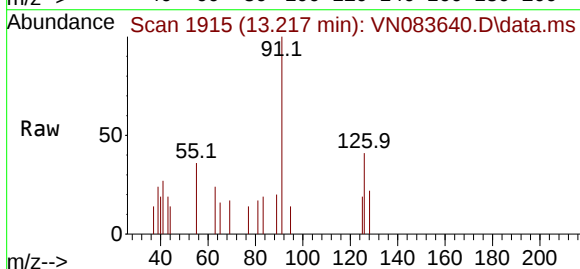
Instrument :
MSVOA_N
ClientSampleId :

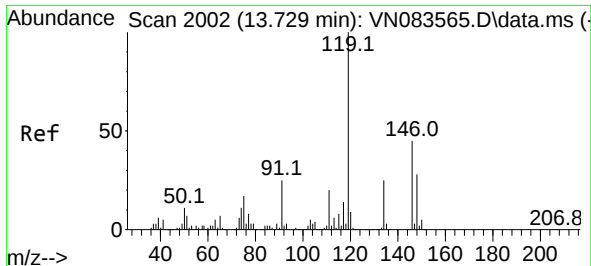
Tgt Ion: 75 Resp: 91001
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.232 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

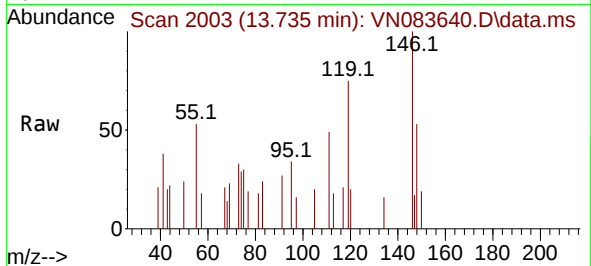
Tgt Ion: 91 Resp: 2346
Ion Ratio Lower Upper
91 100
126 23.3 15.4 46.2



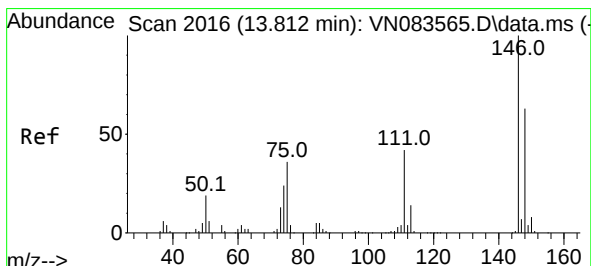
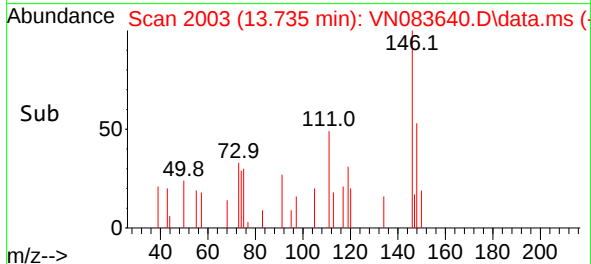
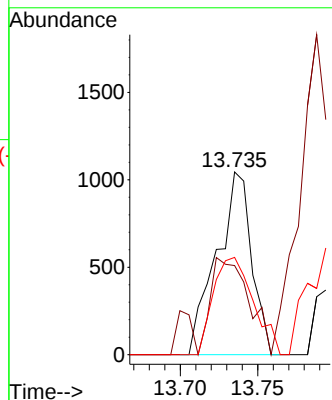


#87
 1,3-Dichlorobenzene
 Concen: 0.271 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN083640.D
 Acq: 04 Sep 2024 11:17

Instrument :
 MSVOA_N
 ClientSampleId :

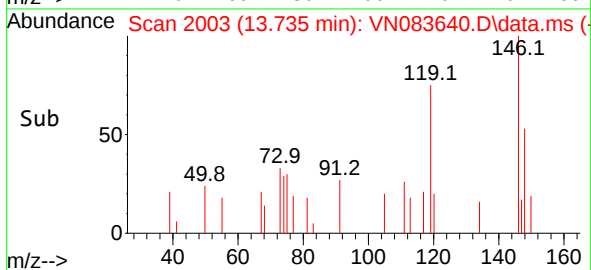
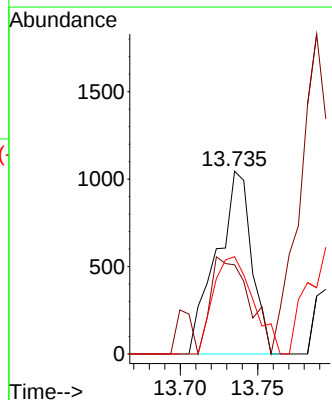
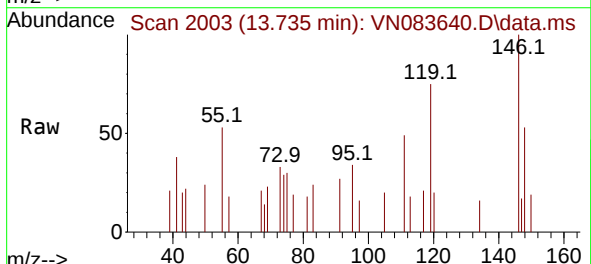


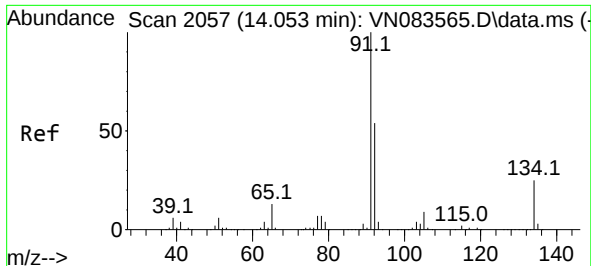
Tgt Ion:146 Resp: 1637
 Ion Ratio Lower Upper
 146 100
 111 57.8 21.7 65.1
 148 61.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.263 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.076 min
 Lab File: VN083640.D
 Acq: 04 Sep 2024 11:17

Tgt Ion:146 Resp: 1637
 Ion Ratio Lower Upper
 146 100
 111 57.8 21.3 64.0
 148 61.0 32.0 96.2





#89

n-Butylbenzene

Concen: 0.300 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083640.D

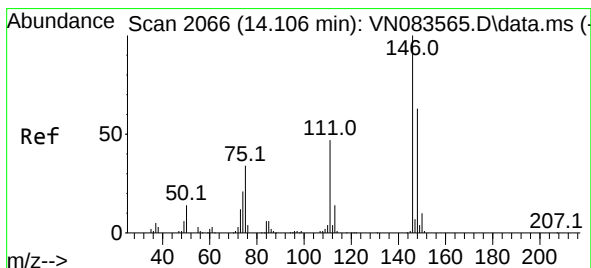
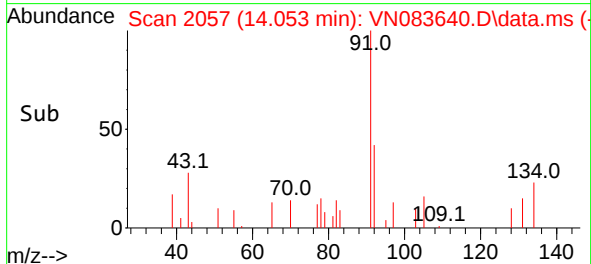
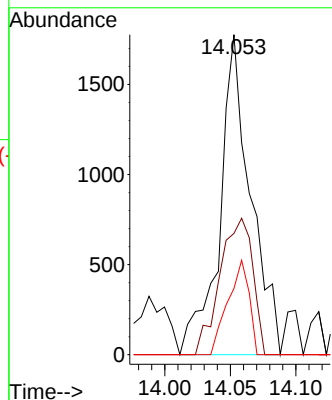
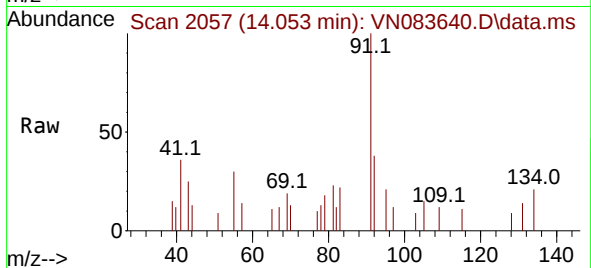
Acq: 04 Sep 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	2911
Ion	Ratio	Lower	Upper
91	100		
92	45.3	26.7	80.1
134	20.2	12.2	36.4



#91

1,2-Dichlorobenzene

Concen: 0.242 ug/l

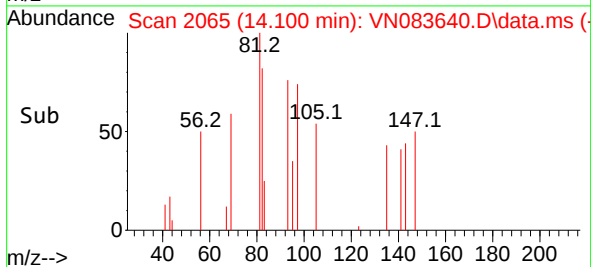
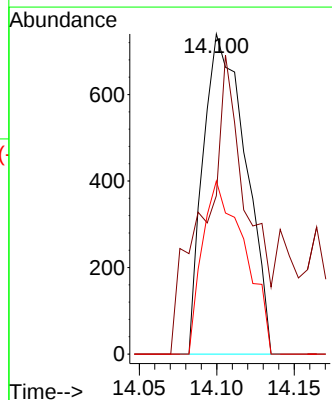
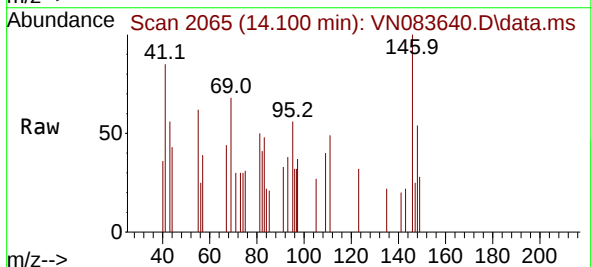
RT: 14.100 min Scan# 2065

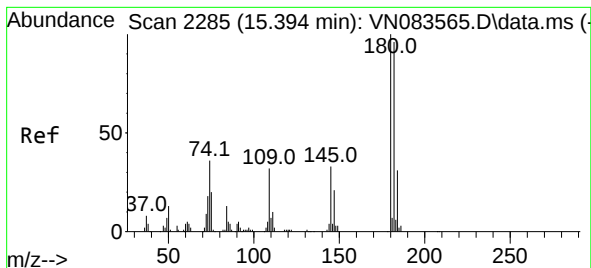
Delta R.T. -0.006 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

Tgt Ion:	146	Resp:	1408
Ion	Ratio	Lower	Upper
146	100		
111	94.9	22.8	68.3
148	53.9	32.1	96.5





#93

1,2,4-Trichlorobenzene

Concen: 0.490 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083640.D

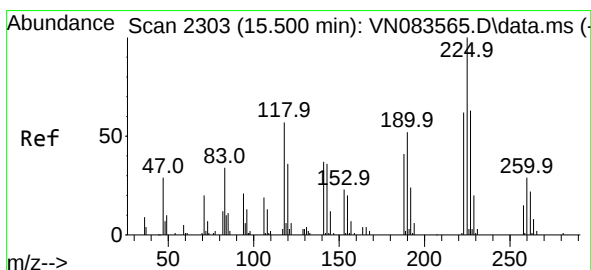
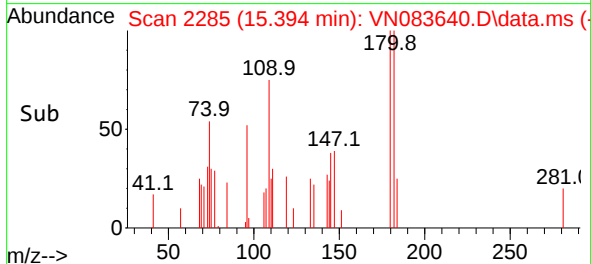
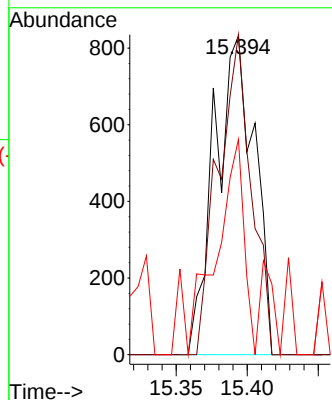
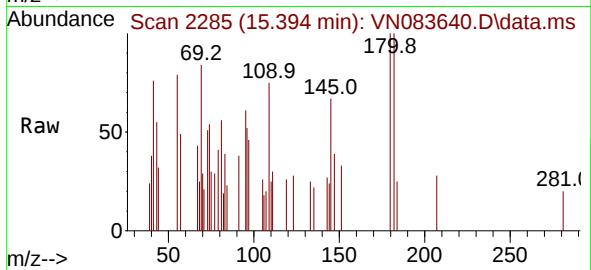
Acq: 04 Sep 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	1619
Ion Ratio	Lower	Upper
180	100	
182	83.6	48.1 144.3
145	51.7	16.9 50.7#



#94

Hexachlorobutadiene

Concen: 0.240 ug/l

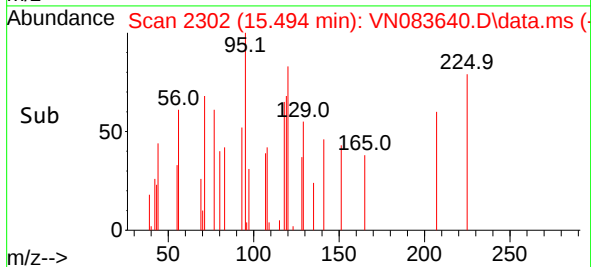
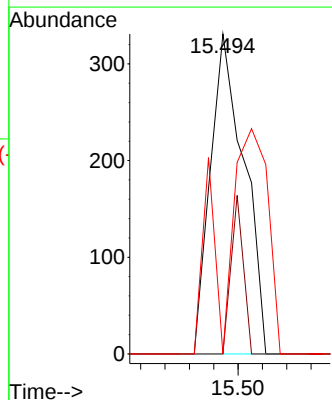
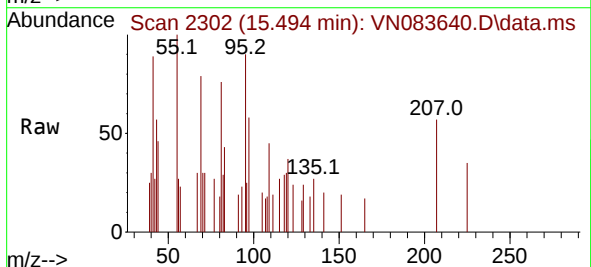
RT: 15.494 min Scan# 2302

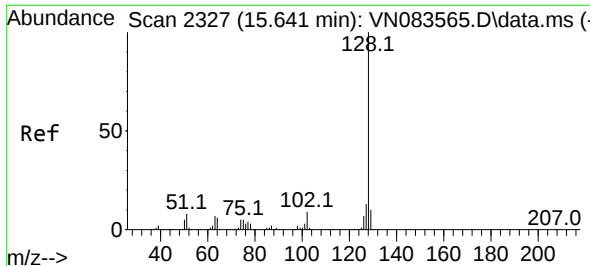
Delta R.T. -0.006 min

Lab File: VN083640.D

Acq: 04 Sep 2024 11:17

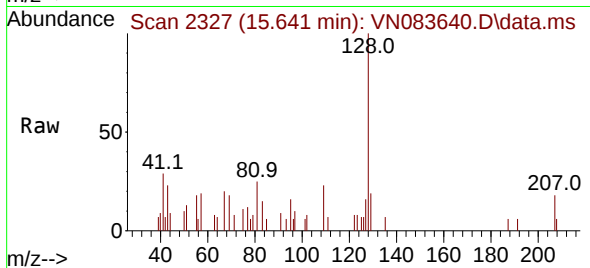
Tgt Ion:225	Resp:	318
Ion Ratio	Lower	Upper
225	100	
223	18.2	31.9 95.5#
227	92.1	32.0 96.2



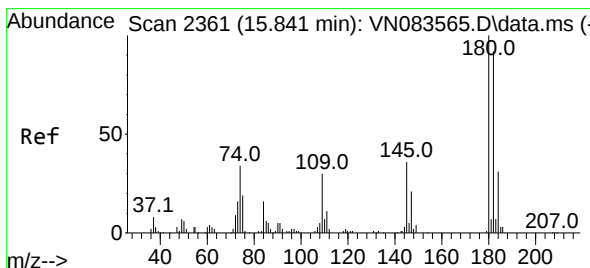
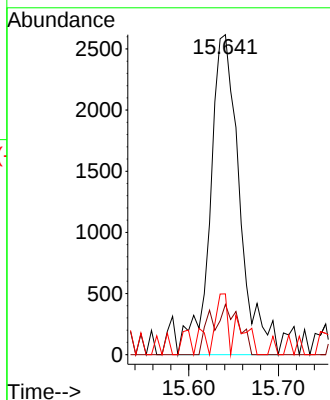
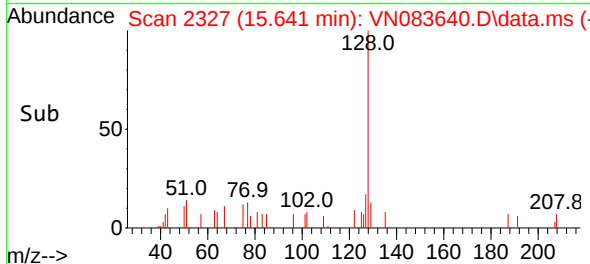


#95
Naphthalene
Concen: 0.558 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17

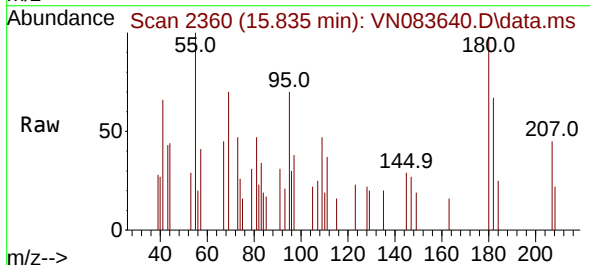
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.2
129	9.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.465 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083640.D
Acq: 04 Sep 2024 11:17



Tgt Ion	Ratio	Lower	Upper
180	100		
182	80.7	47.1	141.4
145	48.7	17.8	53.5

