

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083665.D
 Acq On : 05 Sep 2024 10:42
 Operator : JC\MD
 Sample : VN0905MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:11:49 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	8.223	168	112349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	258449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107527	68.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 136.960%#	
35) Dibromofluoromethane	8.165	113	87582	61.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 123.380%	
50) Toluene-d8	10.565	98	314426	56.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.300%#	
62) 4-Bromofluorobenzene	12.847	95	139768	68.247	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 136.500%#	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1331	0.961	ug/l #	68
5) Bromomethane	2.912	94	684	0.939	ug/l #	52
11) Tert butyl alcohol	5.518	59	460	1.879	ug/l #	71
13) Acrolein	4.177	56	66	0.285	ug/l #	1
16) Acetone	4.430	43	612	0.977	ug/l #	45
17) Carbon Disulfide	4.694	76	4434	1.236	ug/l #	88
18) Methyl Acetate	5.024	43	1203	0.722	ug/l #	62
20) Methylene Chloride	5.271	84	669	0.484	ug/l #	62
21) trans-1,2-Dichloroethene	5.788	96	769	0.600	ug/l #	58
23) Vinyl Acetate	6.612	43	938	0.293	ug/l #	71
25) 2-Butanone	7.494	43	462	0.542	ug/l #	49
31) Cyclohexane	8.218	56	3418	1.407	ug/l #	22
36) 1,1-Dichloropropene	8.376	75	1016	0.469	ug/l #	63
37) Ethyl Acetate	7.494	43	462	0.214	ug/l #	1
38) Carbon Tetrachloride	8.218	117	13087	5.297	ug/l #	17
42) 1,2-Dichloroethane	8.671	62	589	0.239	ug/l #	77
43) Isopropyl Acetate	8.688	43	223	Below Cal	#	57
44) Trichloroethene	9.347	130	800	0.499	ug/l	95
49) 1,4-Dioxane	9.706	88	67	2.313	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	817	0.408	ug/l #	36
52) Toluene	10.623	92	944	0.227	ug/l #	64
53) t-1,3-Dichloropropene	10.835	75	1800	0.713	ug/l #	86
54) cis-1,3-Dichloropropene	10.312	75	1052	0.397	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.159	63	321	0.300	ug/l #	46
59) 2-Hexanone	11.200	43	1406	0.935	ug/l	92
61) 1,2-Dibromoethane	11.464	107	711	0.468	ug/l #	62
64) Tetrachloroethene	11.094	164	631	0.371	ug/l #	74
65) Chlorobenzene	11.894	112	3264	0.563	ug/l	94
67) Ethyl Benzene	11.964	91	3609	0.349	ug/l	97
68) m/p-Xylenes	12.064	106	3005	0.771	ug/l	99
69) o-Xylene	12.400	106	940	0.250	ug/l	99
70) Styrene	12.411	104	4230	0.668	ug/l #	90
71) Bromoform	12.570	173	441	0.316	ug/l #	29
73) Isopropylbenzene	12.694	105	2798	0.287	ug/l	88
74) N-amyl acetate	12.494	43	1109	0.262	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	602	0.218	ug/l #	49

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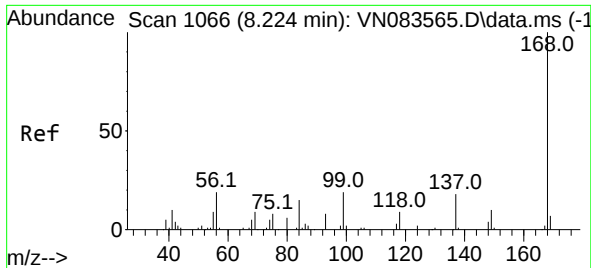
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	12.847	75	76338	31.424	ug/l #	1
77) Bromobenzene	12.982	156	1712	0.749	ug/l	89
78) n-propylbenzene	13.035	91	7229	0.642	ug/l	98
79) 2-Chlorotoluene	13.117	91	4203	0.576	ug/l	95
80) 1,3,5-Trimethylbenzene	13.164	105	2941	0.358	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	76338	74.116	ug/l #	9
82) 4-Chlorotoluene	13.217	91	7592	1.024	ug/l	100
83) tert-Butylbenzene	13.435	119	2247	0.308	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	3749	0.454	ug/l	99
85) sec-Butylbenzene	13.617	105	4529	0.467	ug/l	92
86) p-Isopropyltoluene	13.729	119	4415	0.545	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	5264	1.187	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	5264	1.155	ug/l	97
89) n-Butylbenzene	14.053	91	7644	1.073	ug/l	96
90) Hexachloroethane	14.329	117	335	0.213	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	3881	0.909	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	267	0.445	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	5335	2.203	ug/l	100
94) Hexachlorobutadiene	15.494	225	1436	1.480	ug/l	98
95) Naphthalene	15.641	128	17101	2.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	5339	2.207	ug/l	99

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

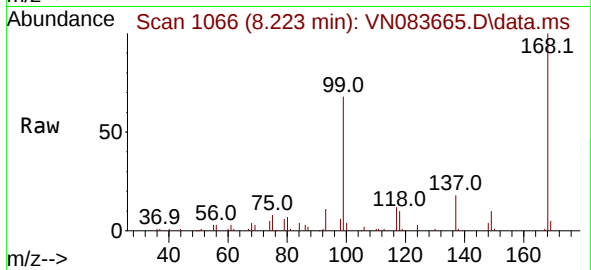
Quant Time: Sep 06 02:11:49 2024
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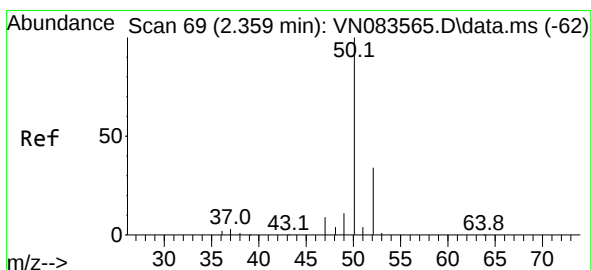
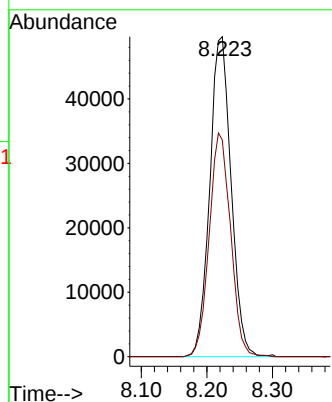
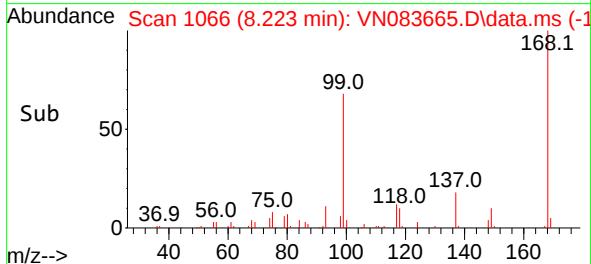


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN083665.D
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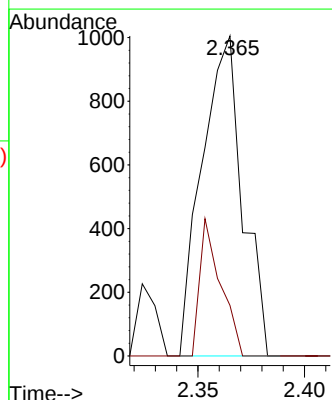
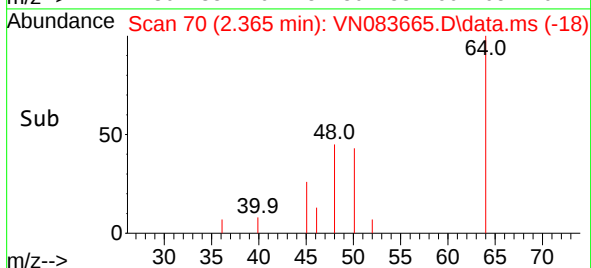
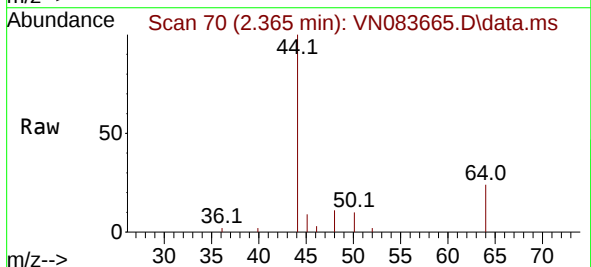


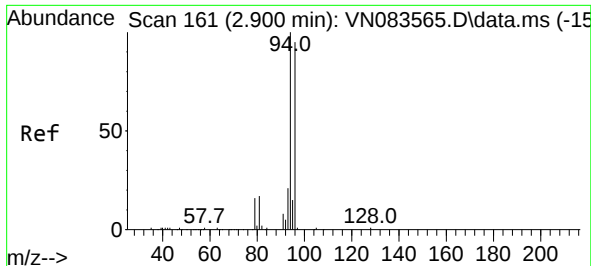
Tgt Ion:168 Resp: 112349
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2



#3
Chloromethane
Concen: 0.961 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 50 Resp: 1331
Ion Ratio Lower Upper
50 100
52 15.8 27.2 40.8#

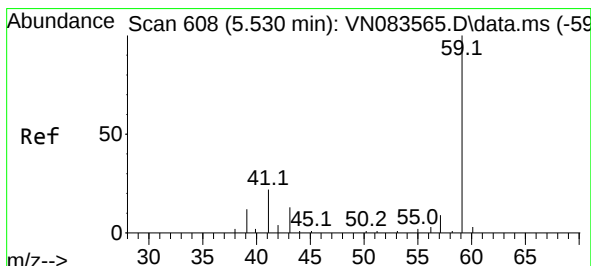
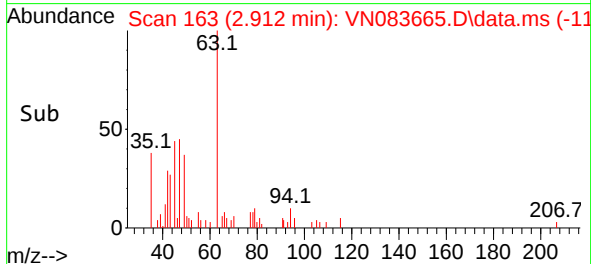
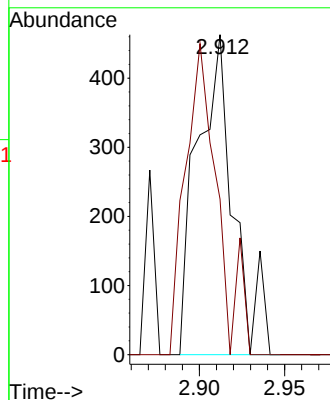
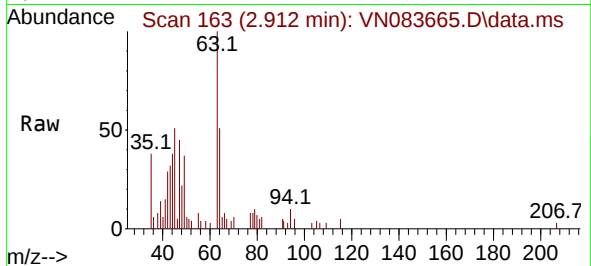




#5
Bromomethane
Concen: 0.939 ug/l
RT: 2.912 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

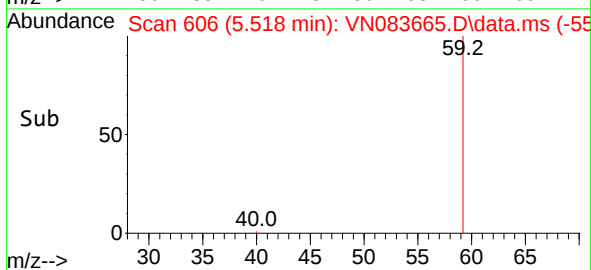
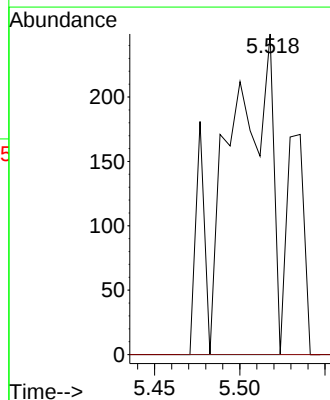
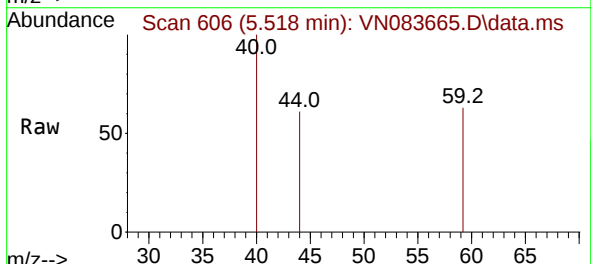
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MSVOA_N
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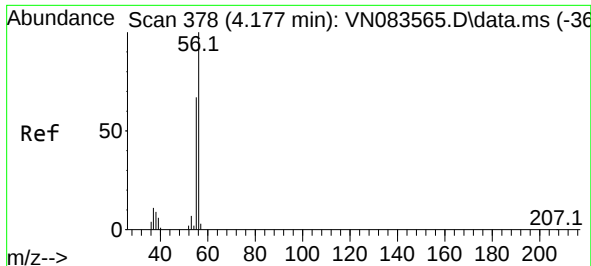
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 48.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 1.879 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

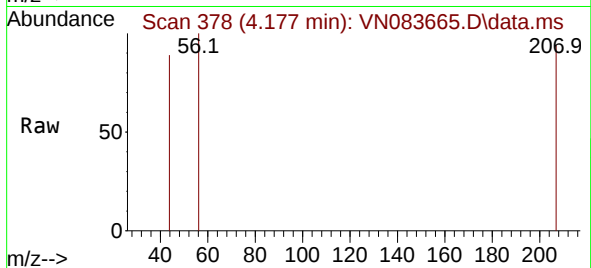
Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



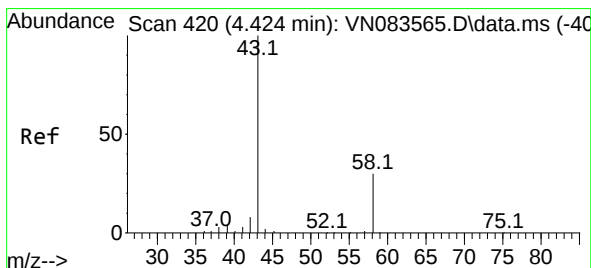
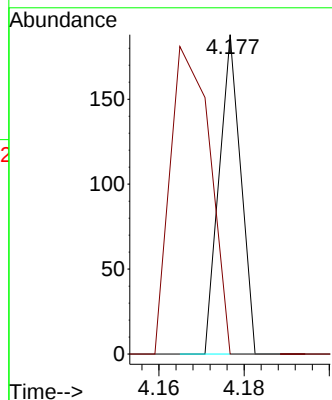
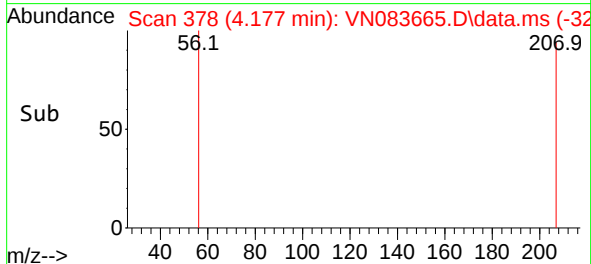


#13
Acrolein
Concen: 0.285 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

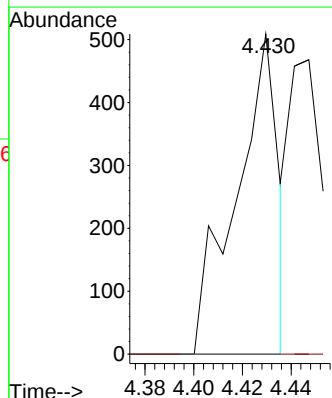
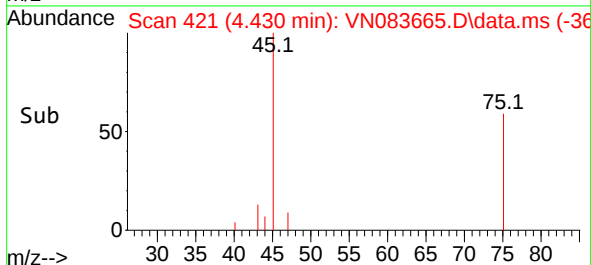
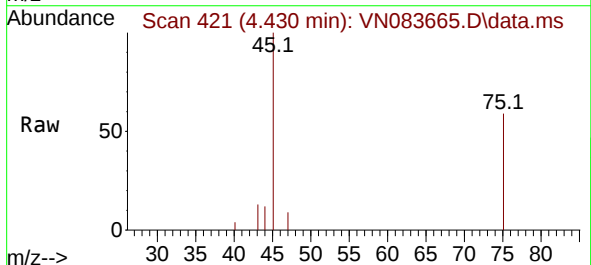


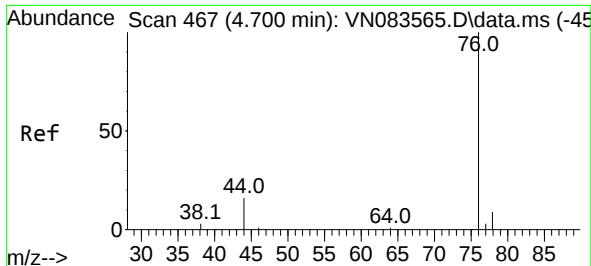
Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 177.3 58.2 87.2#



#16
Acetone
Concen: 0.977 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

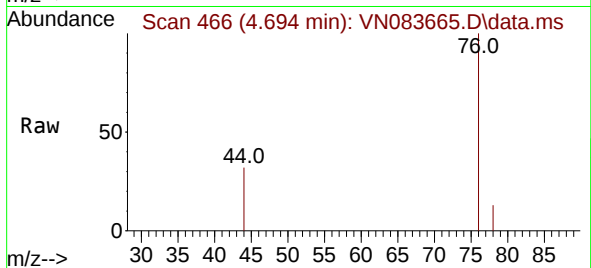
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



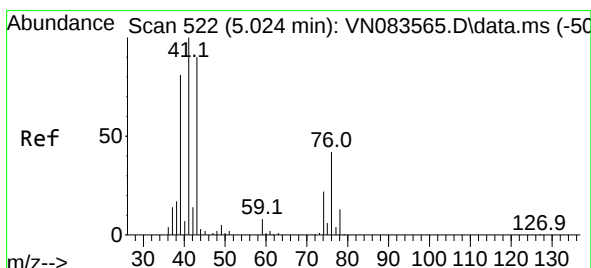
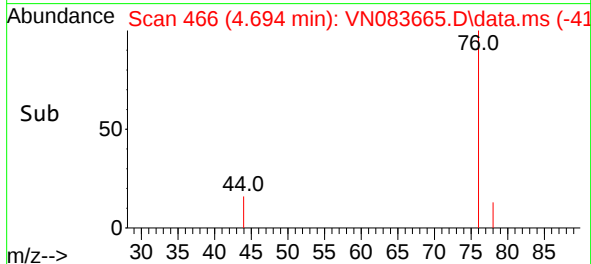
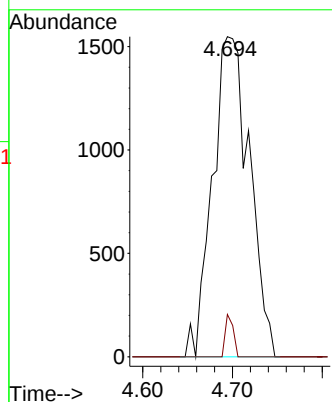


#17
Carbon Disulfide
Concen: 1.236 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

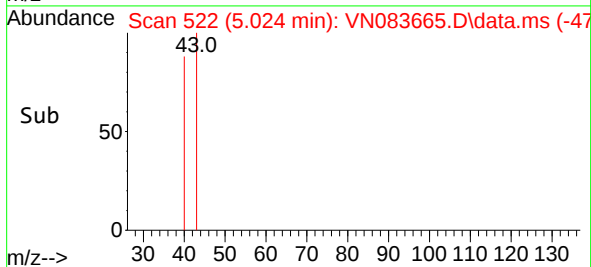
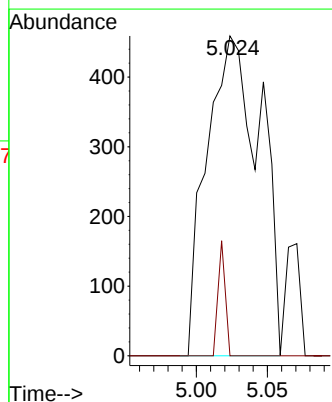
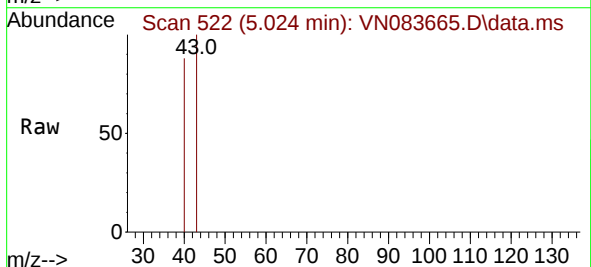


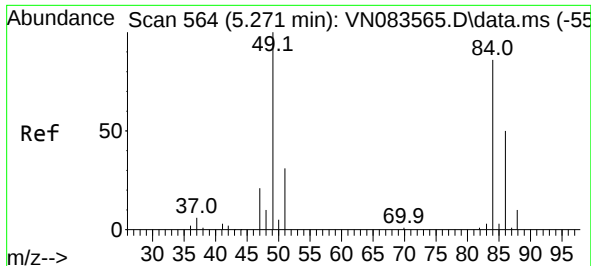
Tgt Ion: 76 Resp: 4434
Ion Ratio Lower Upper
76 100
78 13.2 7.1 10.7#



#18
Methyl Acetate
Concen: 0.722 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

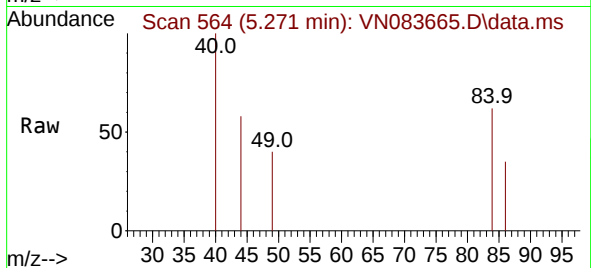
Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
74 4.8 19.0 28.4#



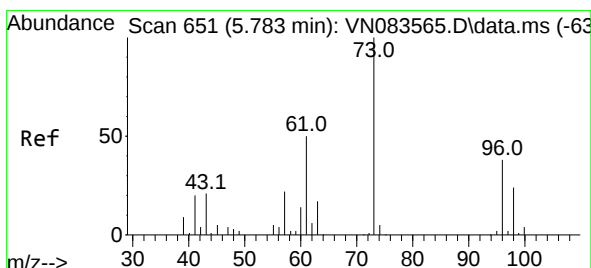
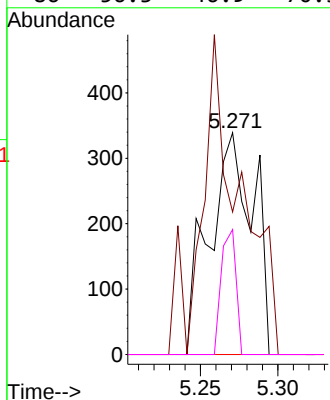
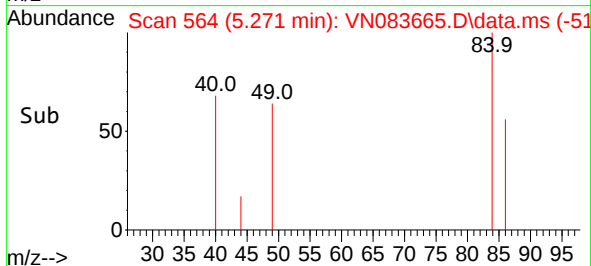


#20
Methylene Chloride
Concen: 0.484 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

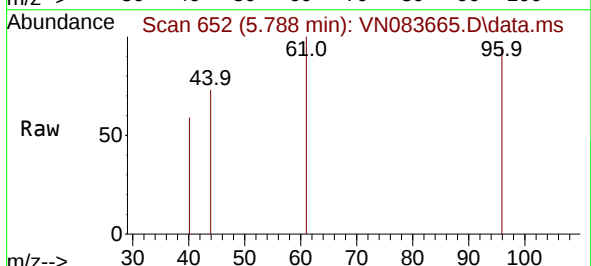
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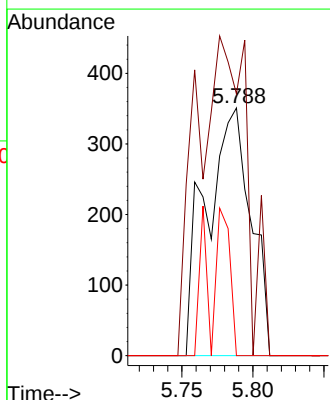
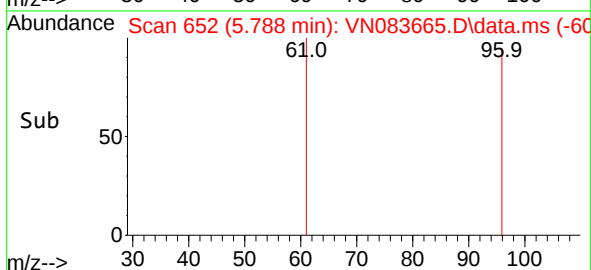
Tgt Ion:	84	Resp:	669
Ion	Ratio	Lower	Upper
84	100		
49	64.3	93.4	140.0#
51	0.0	29.2	43.8#
86	56.3	46.9	70.3

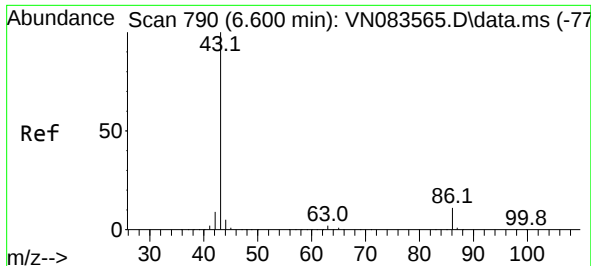


#21
trans-1,2-Dichloroethene
Concen: 0.600 ug/l
RT: 5.788 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42



Tgt Ion:	96	Resp:	769
Ion	Ratio	Lower	Upper
96	100		
61	105.7	106.0	159.0#
98	0.0	52.2	78.2#

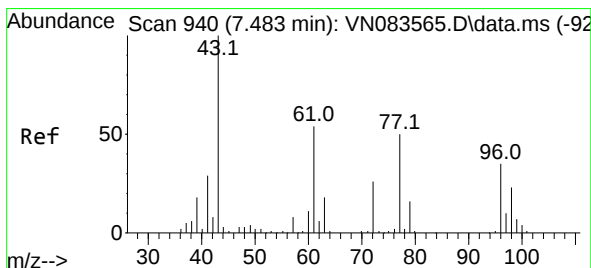
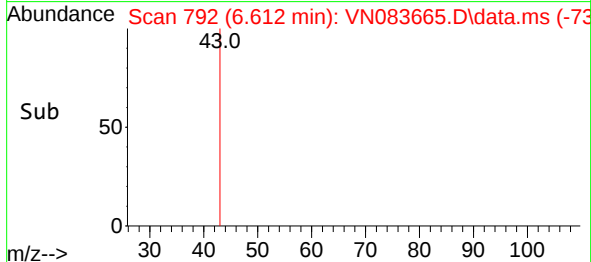
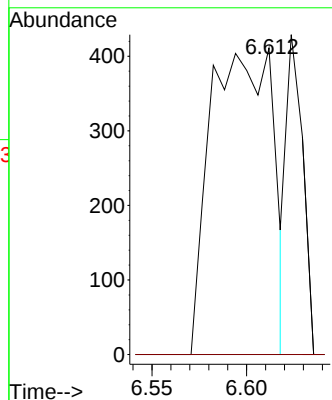
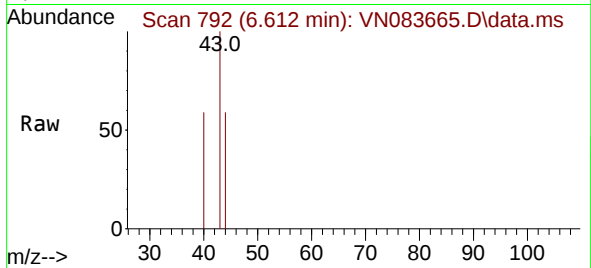




#23
 Vinyl Acetate
 Concen: 0.293 ug/l
 RT: 6.612 min Scan# 790
 Delta R.T. 0.012 min
 Lab File: VN083665.D
 Acq: 05 Sep 2024 10:42

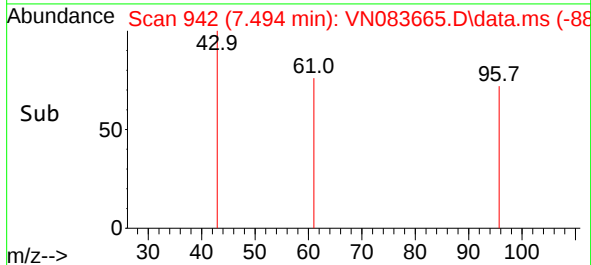
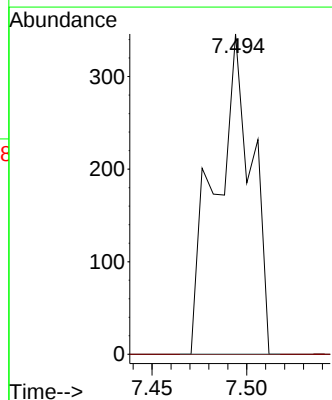
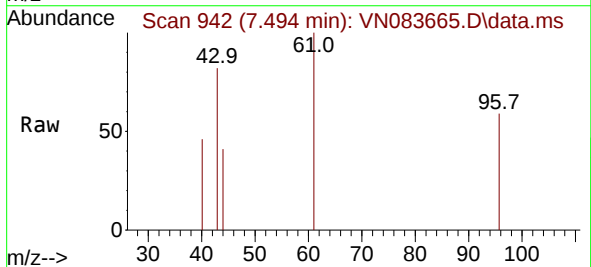
Instrument :
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 ClientSampleId :

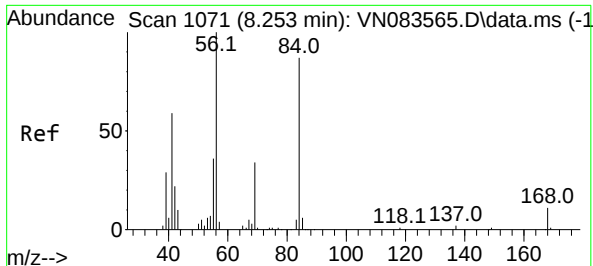
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 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#25
 2-Butanone
 Concen: 0.542 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.012 min
 Lab File: VN083665.D
 Acq: 05 Sep 2024 10:42

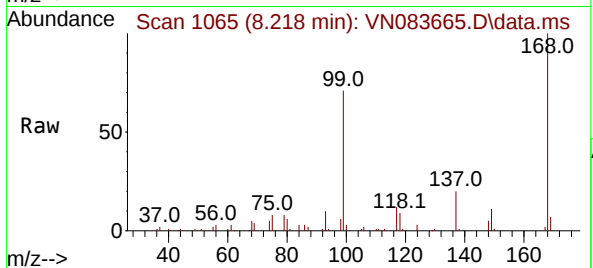
Tgt Ion: 43 Resp: 462
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.8 31.2#



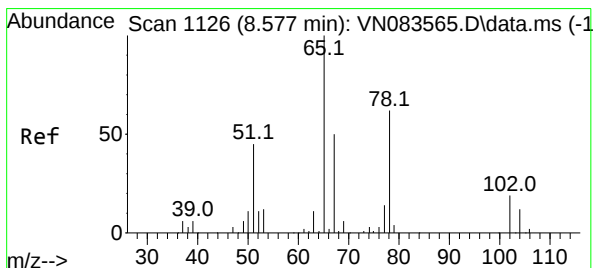
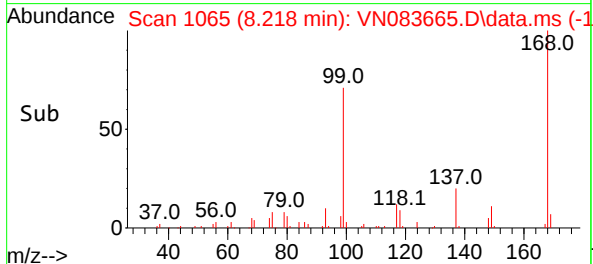
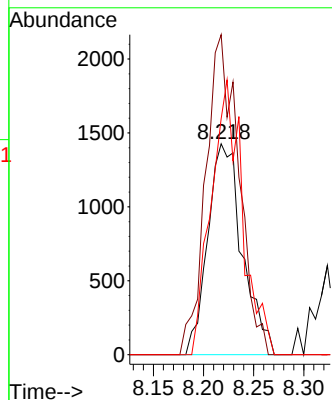


#31
Cyclohexane
Concen: 1.407 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

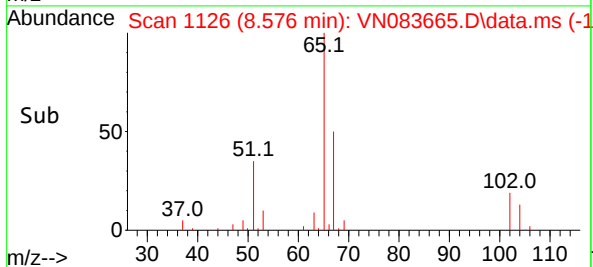
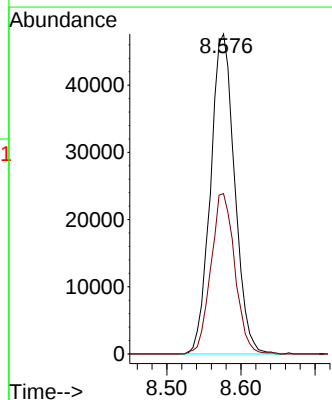
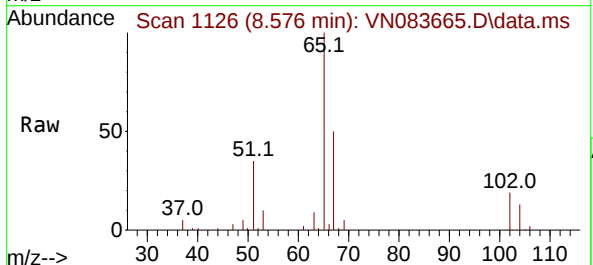


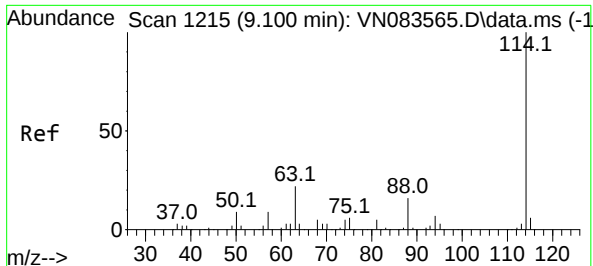
Tgt Ion: 56 Resp: 3418
Ion Ratio Lower Upper
56 100
69 151.7 26.9 40.3#
84 111.9 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 68.480 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 65 Resp: 107527
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

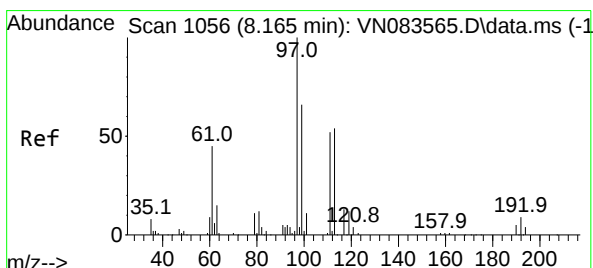
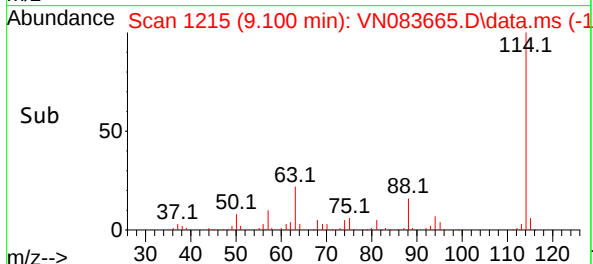
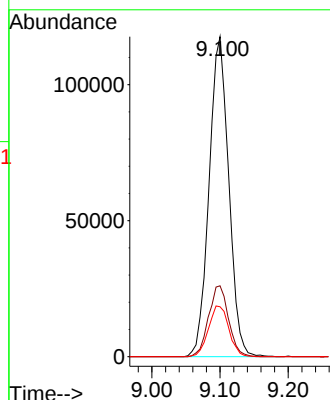
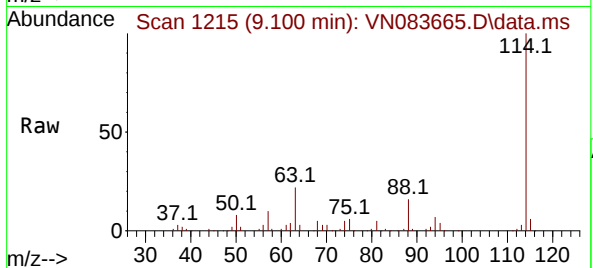
Tgt Ion:114 Resp: 235872

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 61.692 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

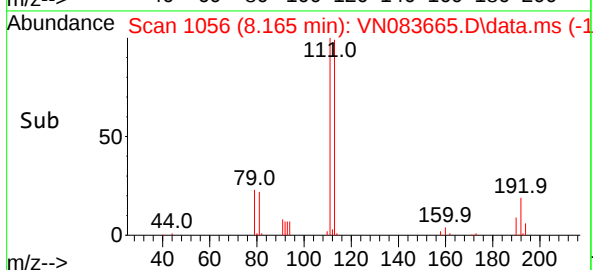
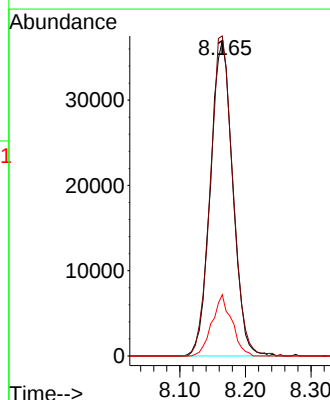
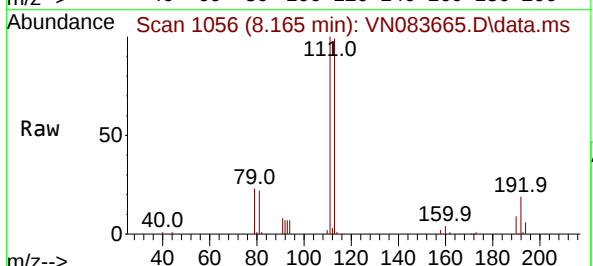
Tgt Ion:113 Resp: 87582

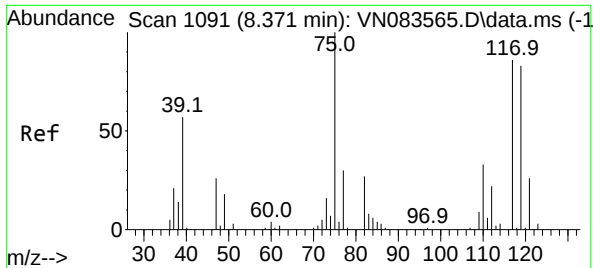
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 0.469 ug/l

RT: 8.376 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

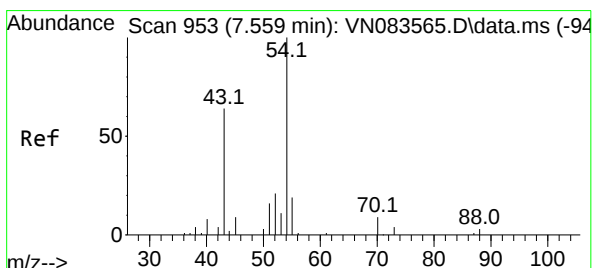
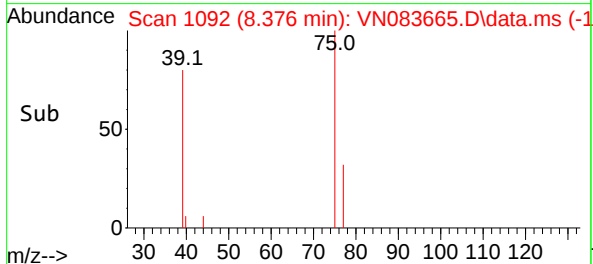
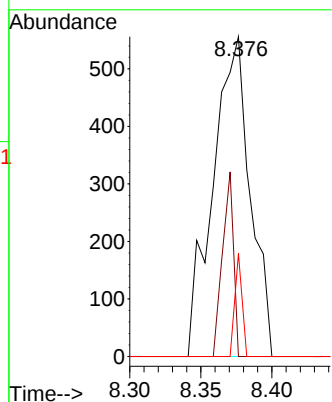
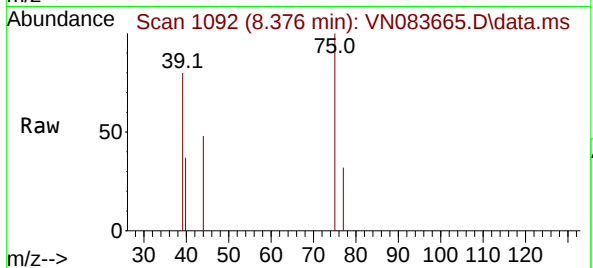
Tgt Ion: 75 Resp: 1016

Ion Ratio Lower Upper

75 100

110 16.9 16.7 50.1

77 6.2 25.2 37.8#



#37

Ethyl Acetate

Concen: 0.214 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.065 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

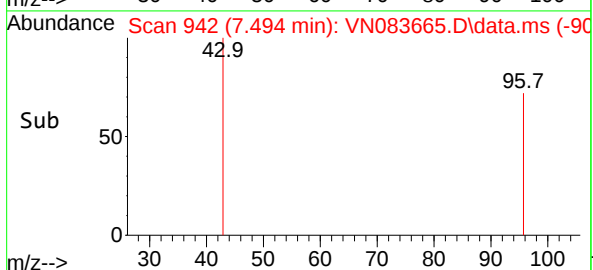
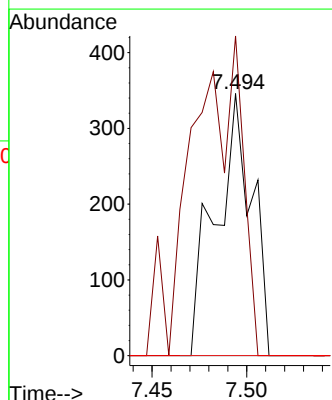
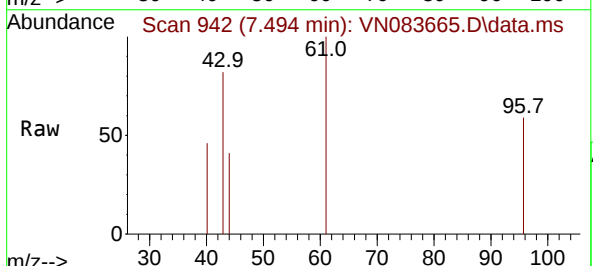
Tgt Ion: 43 Resp: 462

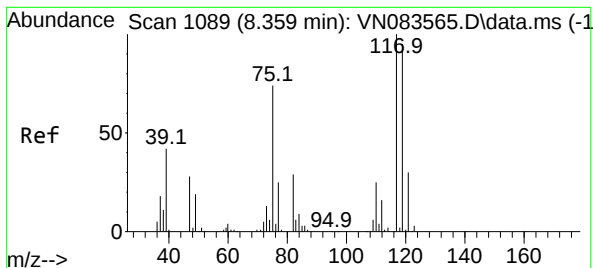
Ion Ratio Lower Upper

43 100

61 168.8 11.1 16.7#

70 0.0 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 5.297 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

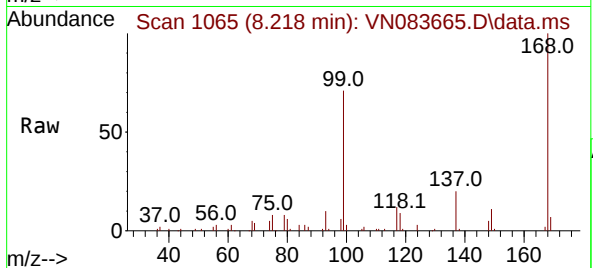
Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :



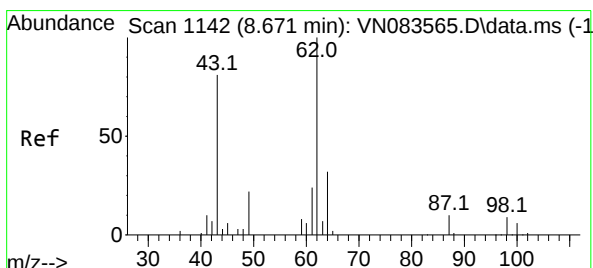
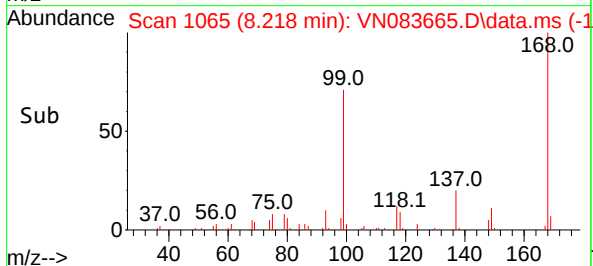
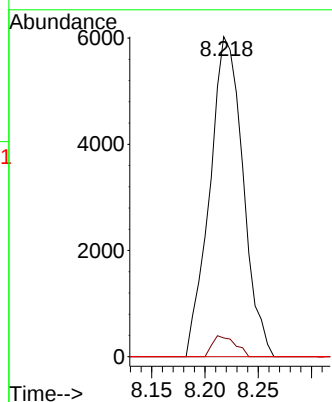
Tgt Ion:117 Resp: 13087

Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

121 0.0 24.1 36.1#



#42

1,2-Dichloroethane

Concen: 0.239 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083665.D

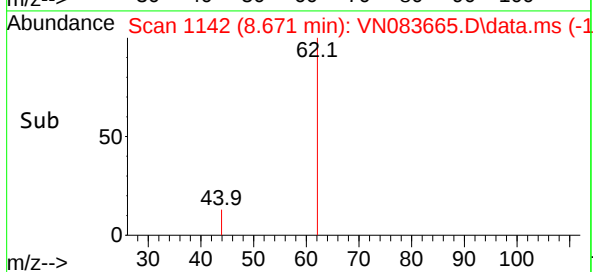
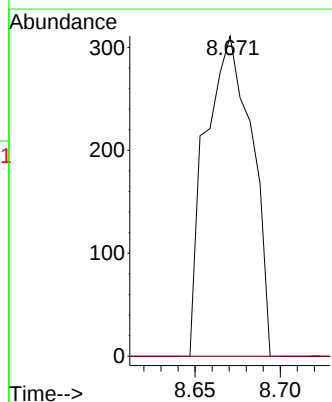
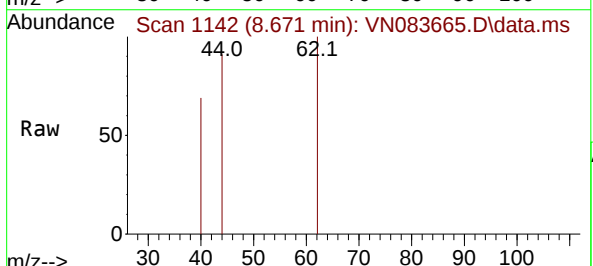
Acq: 05 Sep 2024 10:42

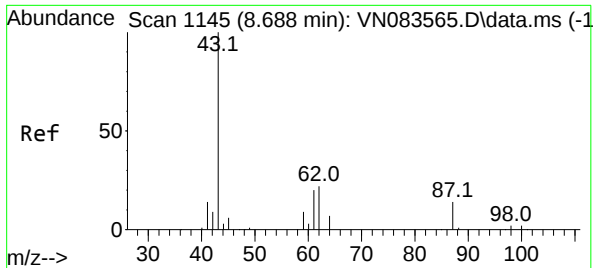
Tgt Ion: 62 Resp: 589

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

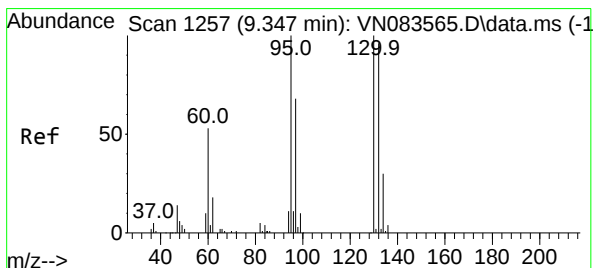
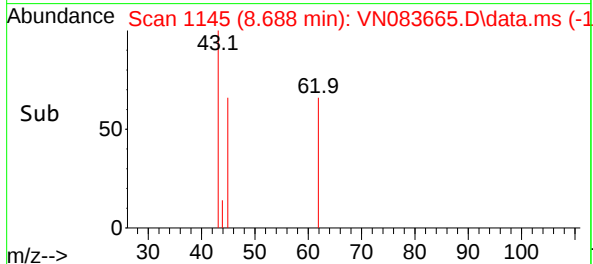
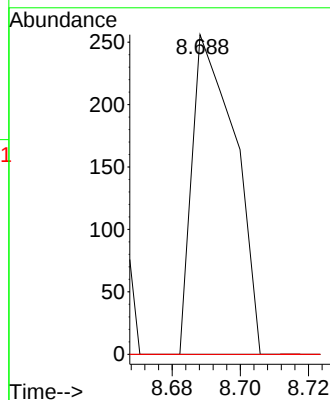
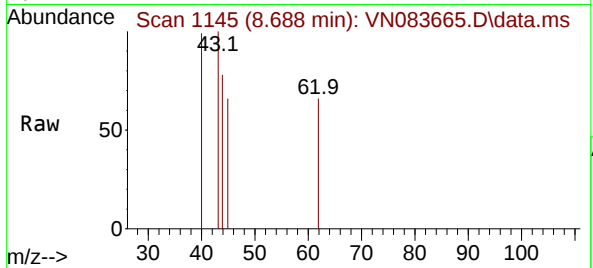
Tgt Ion: 43 Resp: 223

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.499 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN083665.D

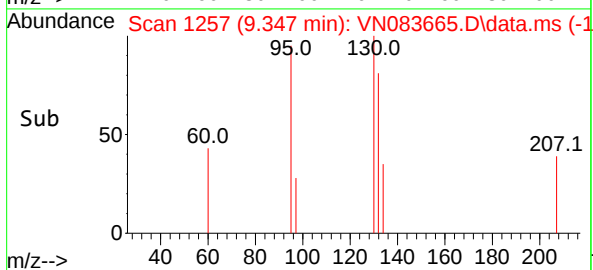
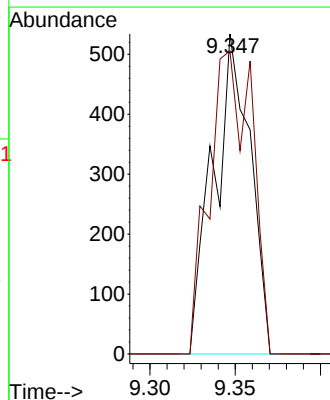
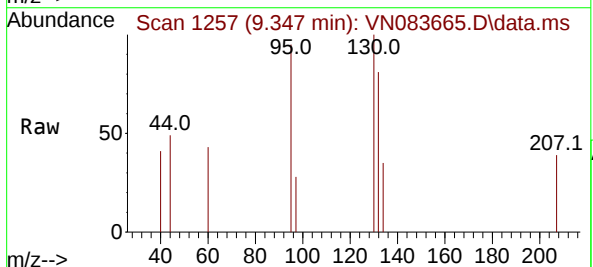
Acq: 05 Sep 2024 10:42

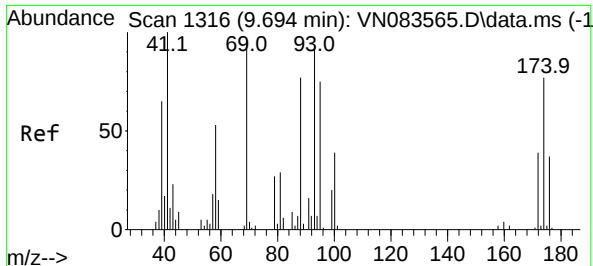
Tgt Ion:130 Resp: 800

Ion Ratio Lower Upper

130 100

95 94.8 0.0 200.4





#49

1,4-Dioxane

Concen: 2.313 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

ClientSampleId :

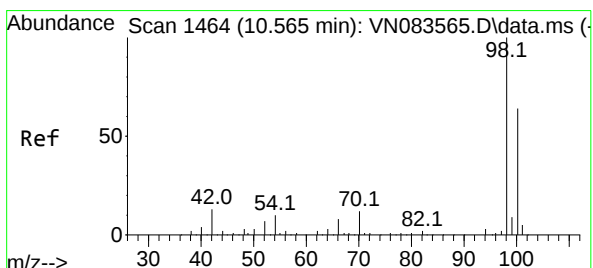
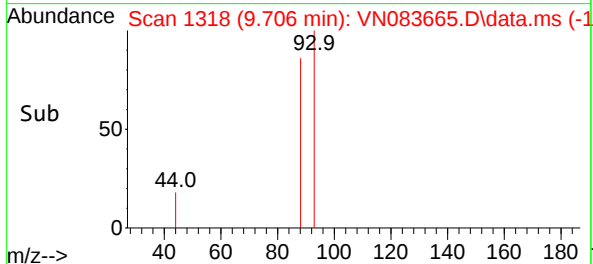
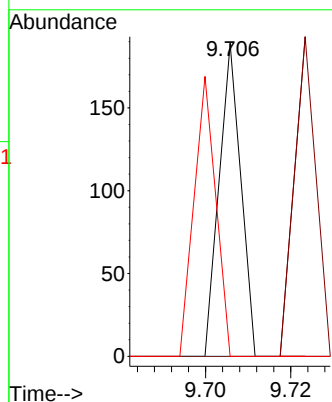
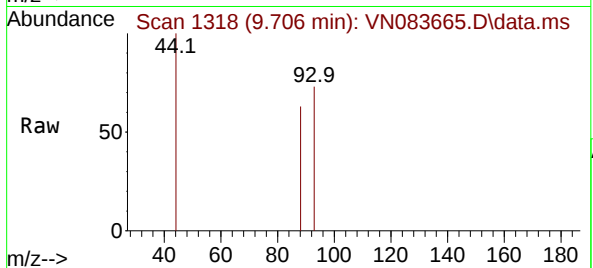
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 89.6 57.1 85.7#



#50

Toluene-d8

Concen: 56.655 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083665.D

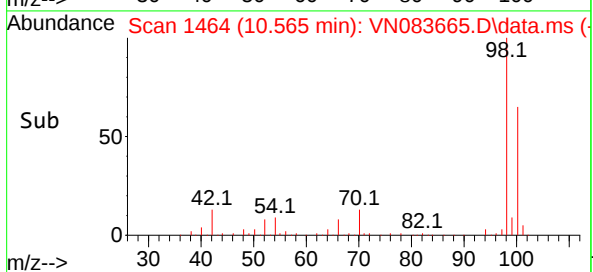
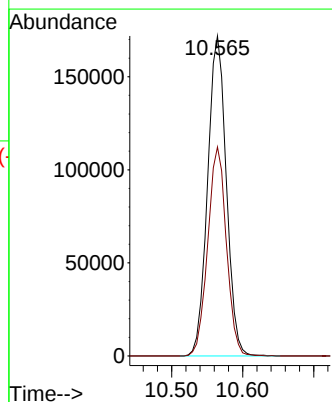
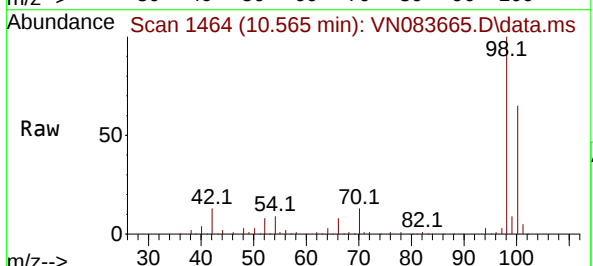
Acq: 05 Sep 2024 10:42

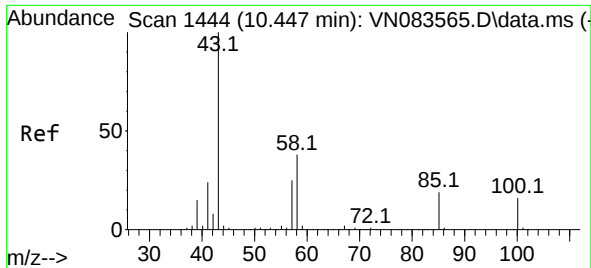
Tgt Ion: 98 Resp: 314426

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

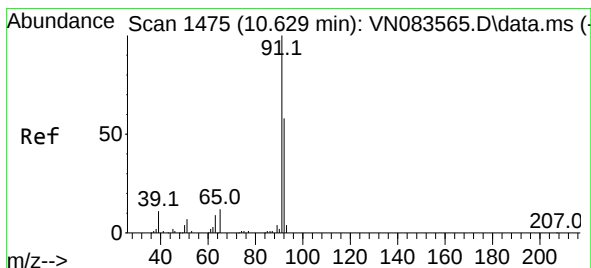
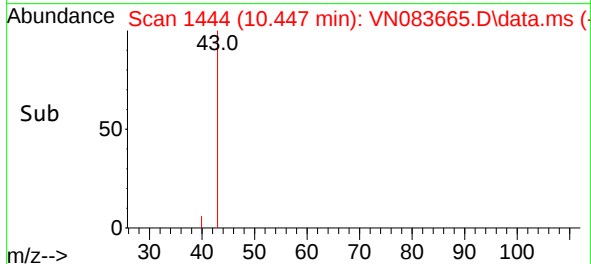
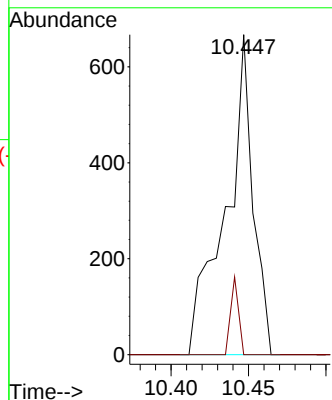
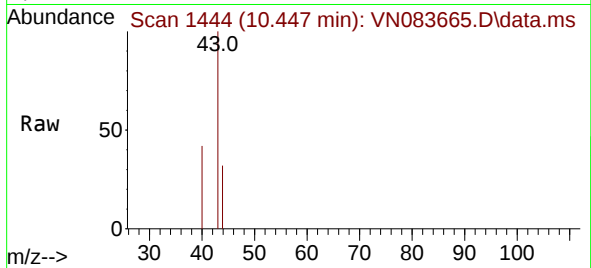




#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

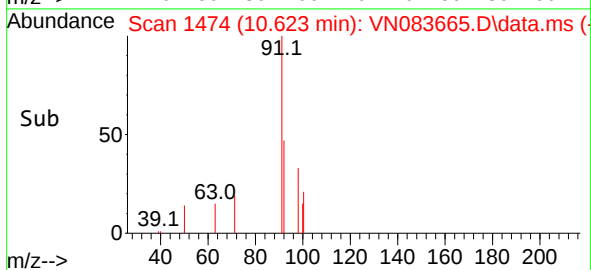
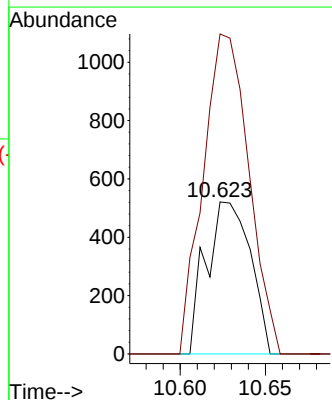
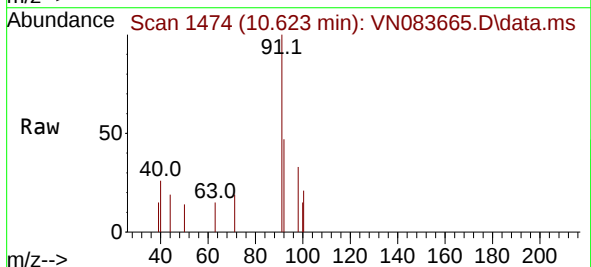
Instrument :
MSVOA_N
ClientSampleId :

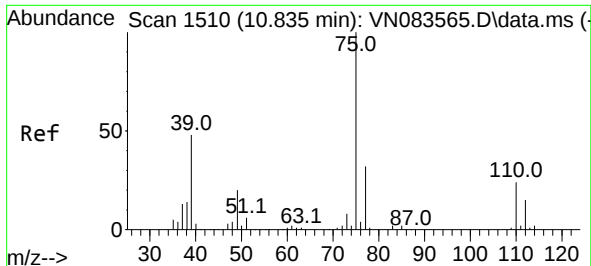
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#



#52
Toluene
Concen: 0.227 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 92 Resp: 944
Ion Ratio Lower Upper
92 100
91 216.9 134.7 202.1#





#53

t-1,3-Dichloropropene

Concen: 0.713 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

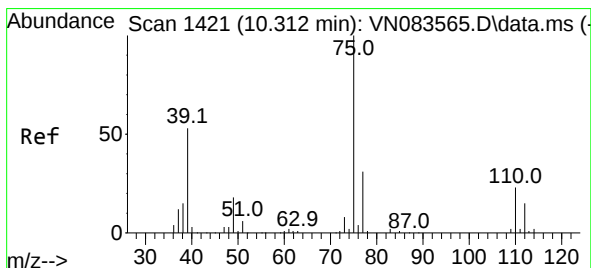
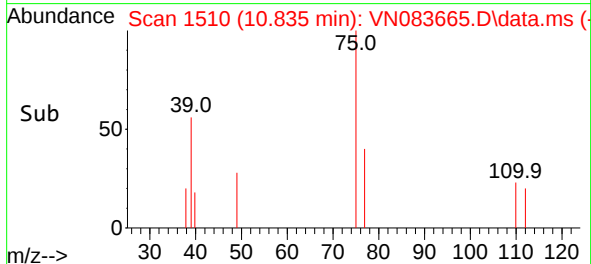
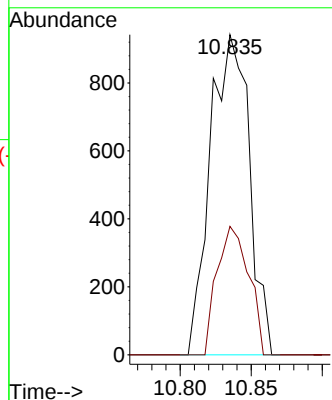
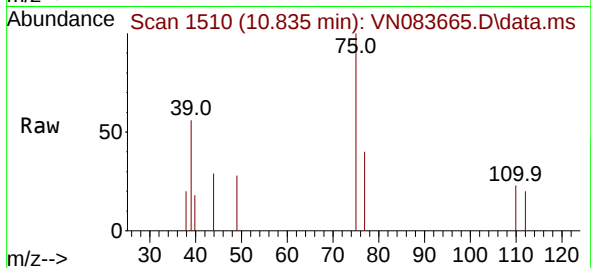
ClientSampleId :

Tgt Ion: 75 Resp: 1800

Ion Ratio Lower Upper

75 100

77 40.1 25.8 38.6#



#54

cis-1,3-Dichloropropene

Concen: 0.397 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

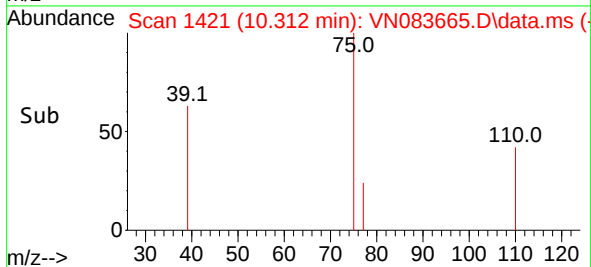
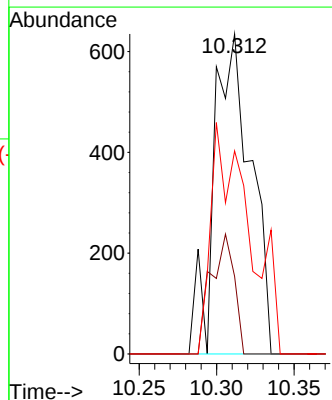
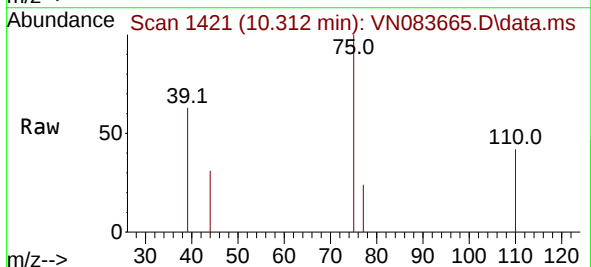
Tgt Ion: 75 Resp: 1052

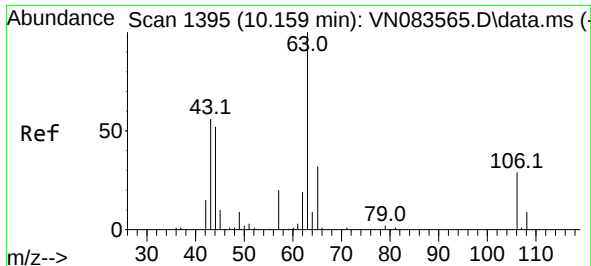
Ion Ratio Lower Upper

75 100

77 24.3 25.0 37.6#

39 63.5 42.6 64.0

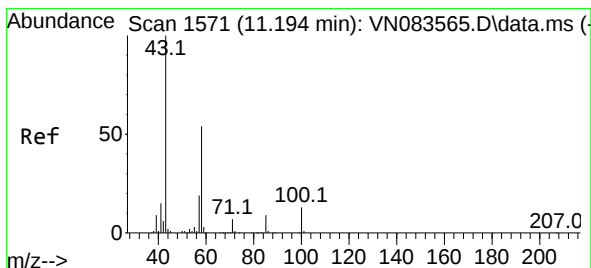
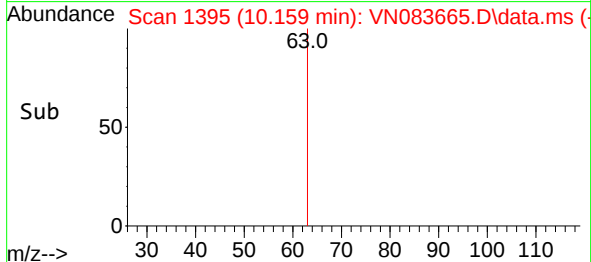
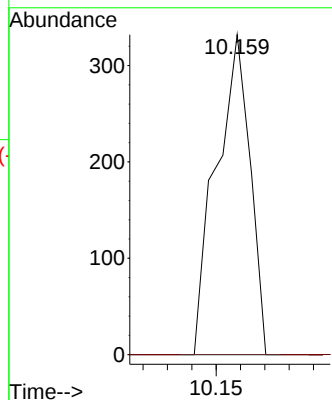
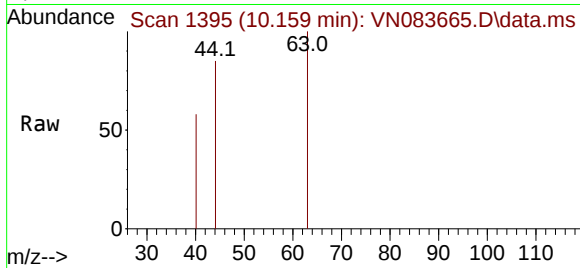




#58
2-Chloroethyl Vinyl ether
Concen: 0.300 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

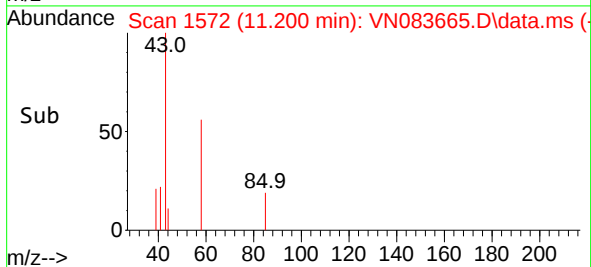
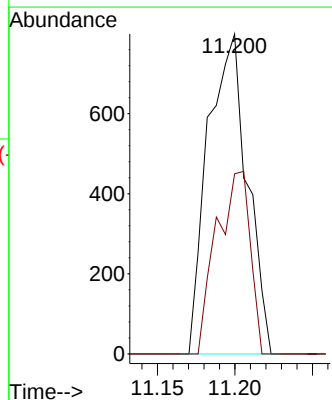
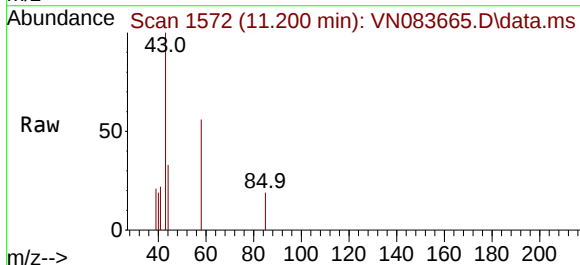
Instrument :
MSVOA_N
ClientSampleId :

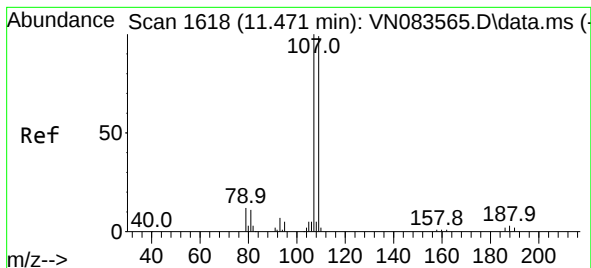
Tgt Ion: 63 Resp: 321
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#



#59
2-Hexanone
Concen: 0.935 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 48.8 27.2 81.5

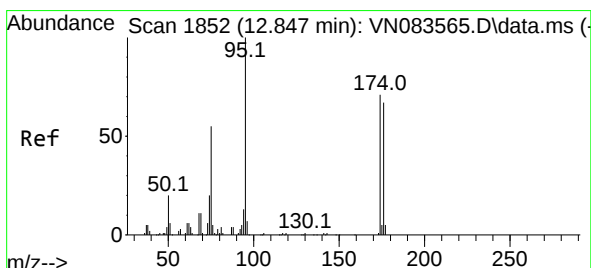
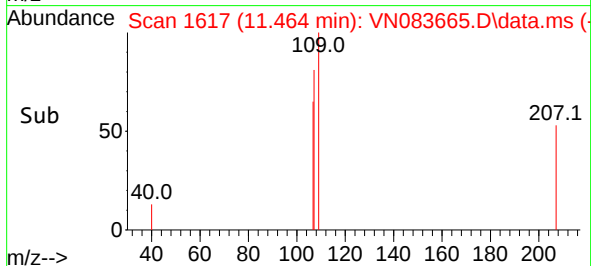
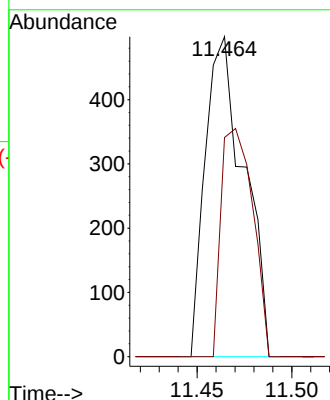
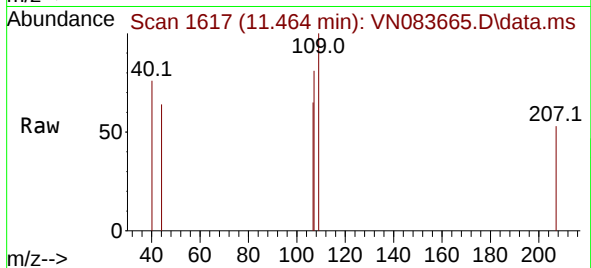




#61
1,2-Dibromoethane
Concen: 0.468 ug/l
RT: 11.464 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

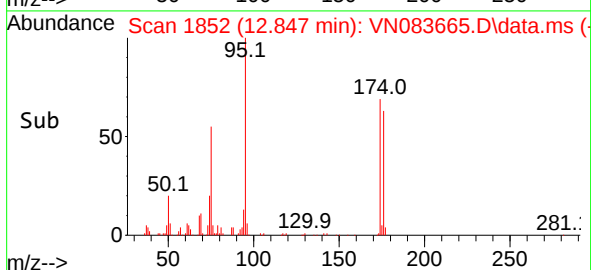
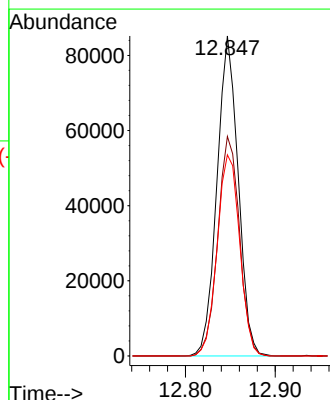
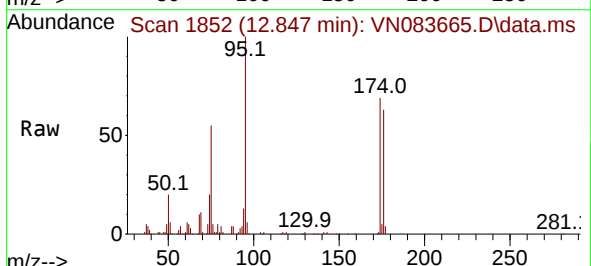
Instrument :
MSVOA_N
ClientSampleId :

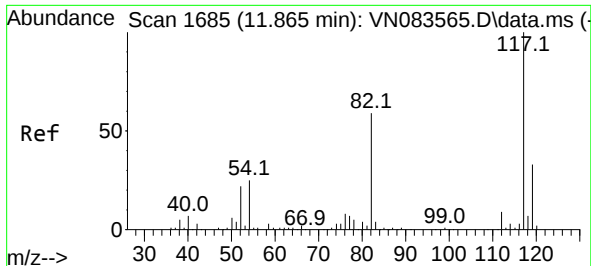
Tgt Ion:107 Resp: 711
Ion Ratio Lower Upper
107 100
109 58.1 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 68.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 95 Resp: 139768
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 66.7 0.0 131.4

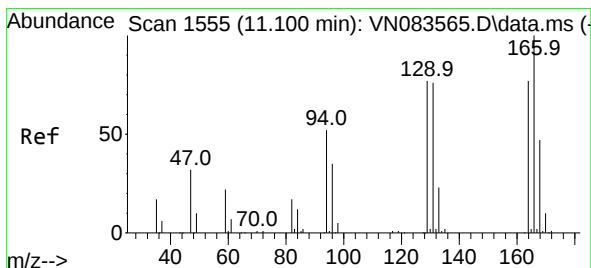
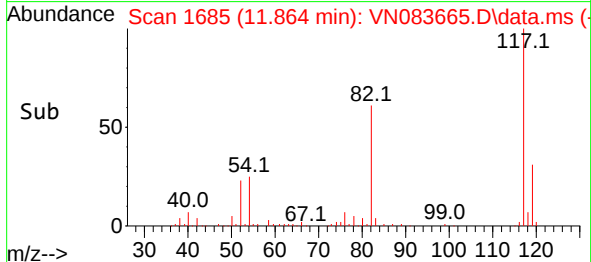
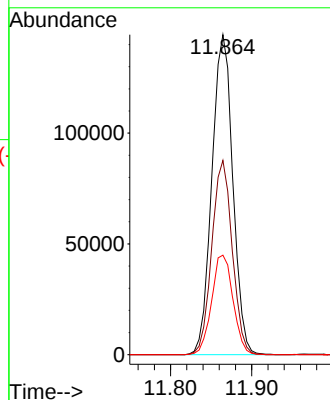
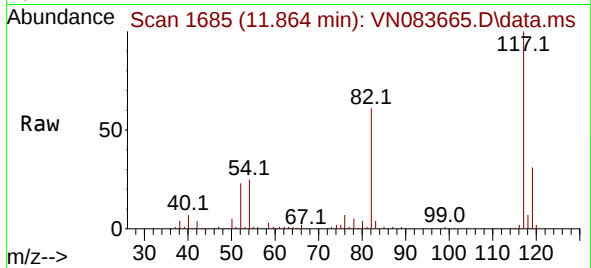




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

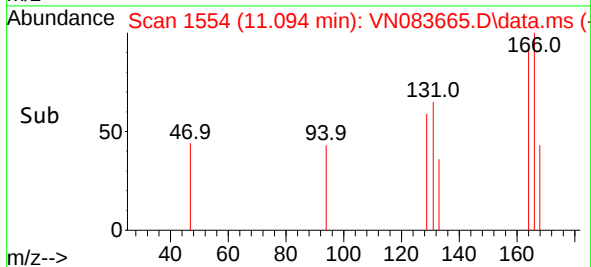
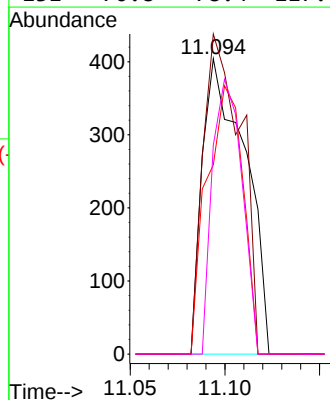
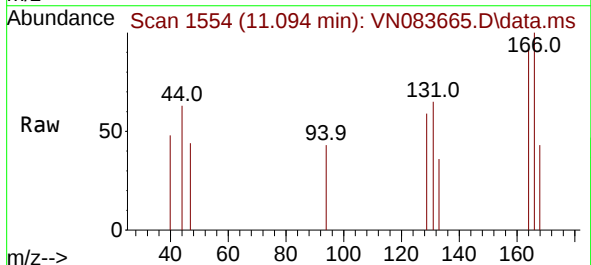
Instrument :
MSVOA_N
ClientSampleId :

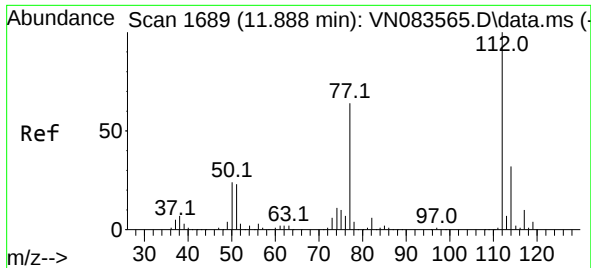
Tgt Ion:117 Resp: 258449
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 31.1 26.3 39.5



#64
Tetrachloroethene
Concen: 0.371 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion:164 Resp: 631
Ion Ratio Lower Upper
164 100
166 108.4 103.7 155.5
129 64.1 79.9 119.9#
131 70.8 78.4 117.6#

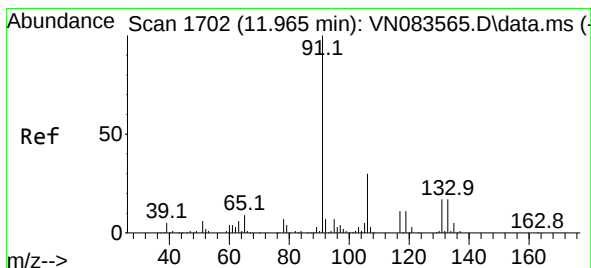
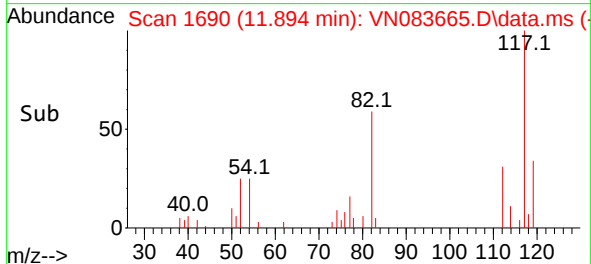
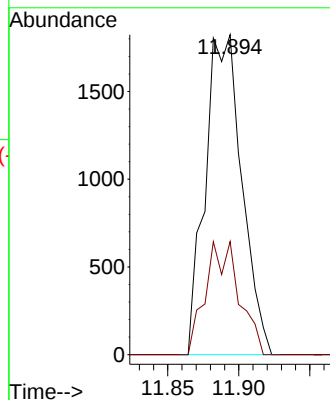
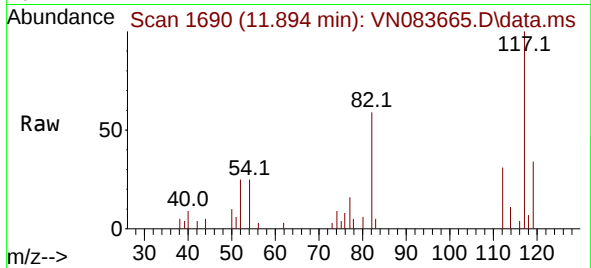




#65
Chlorobenzene
Concen: 0.563 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

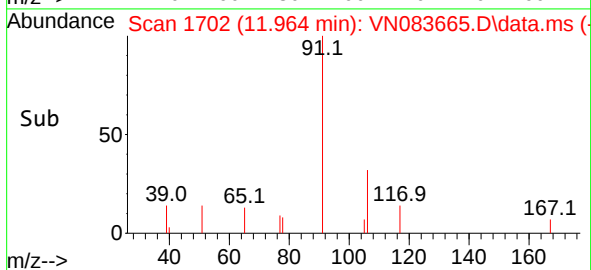
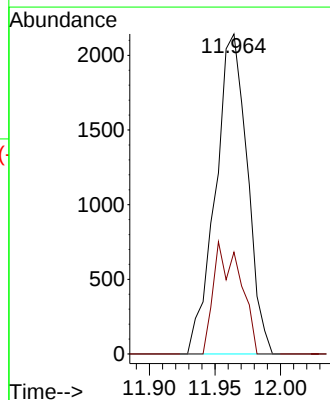
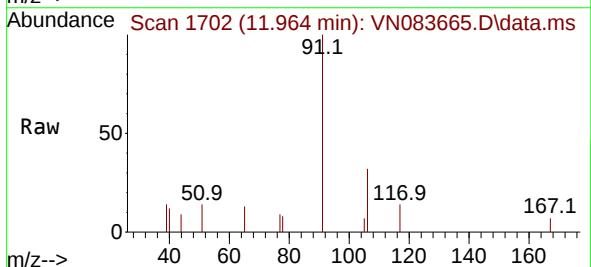
Instrument :
MSVOA_N
ClientSampleId :

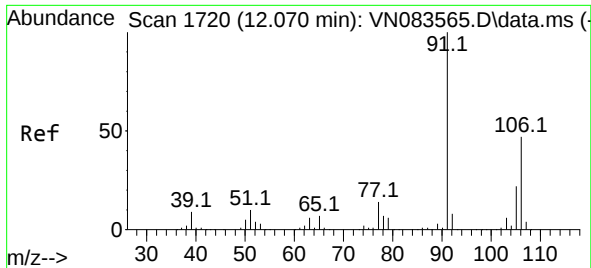
Tgt Ion:112 Resp: 3264
Ion Ratio Lower Upper
112 100
114 35.4 25.7 38.5



#67
Ethyl Benzene
Concen: 0.349 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 91 Resp: 3609
Ion Ratio Lower Upper
91 100
106 31.8 24.3 36.5

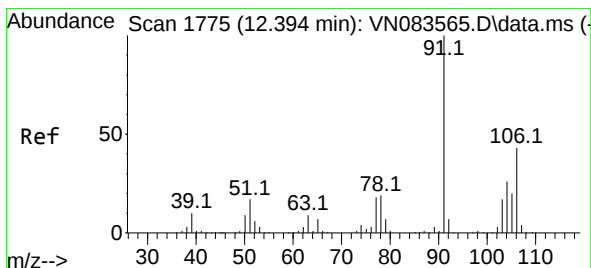
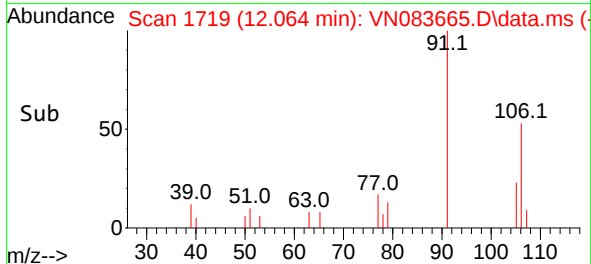
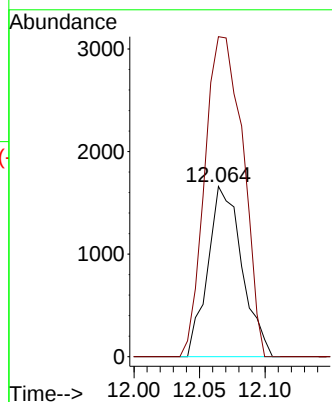
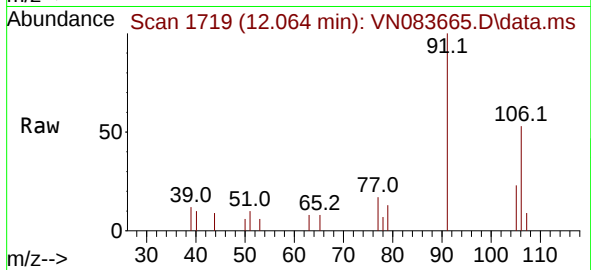




#68
m/p-Xylenes
Concen: 0.771 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

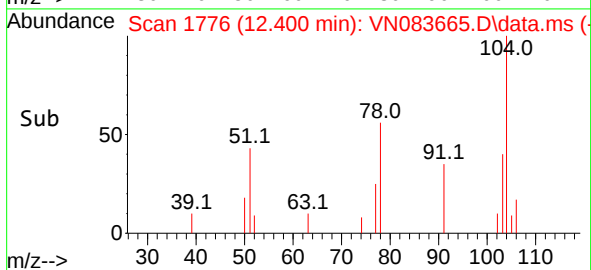
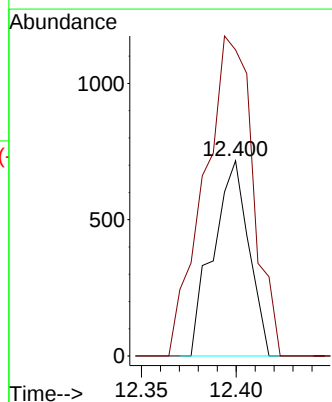
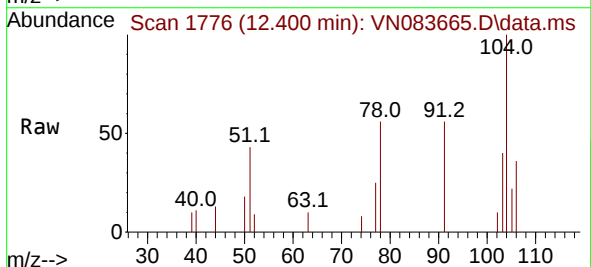
Instrument :
MSVOA_N
ClientSampleId :

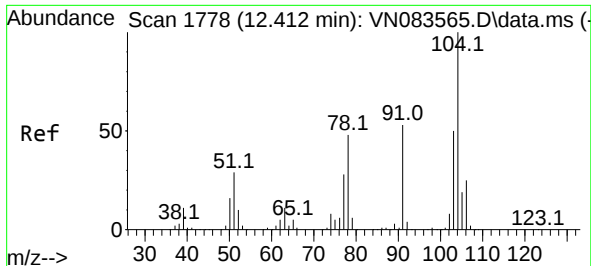
Tgt Ion:106 Resp: 3005
Ion Ratio Lower Upper
106 100
91 210.2 169.2 253.8



#69
o-Xylene
Concen: 0.250 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion:106 Resp: 940
Ion Ratio Lower Upper
106 100
91 223.6 112.9 338.6

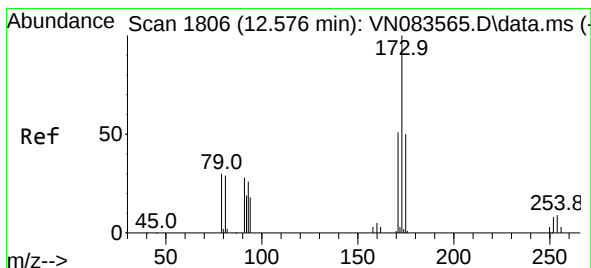
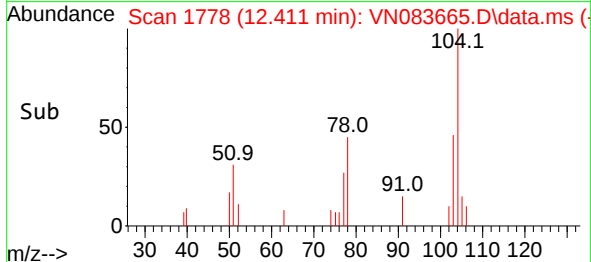
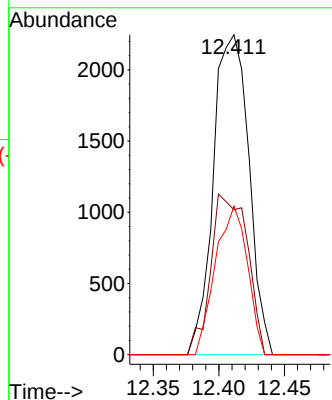
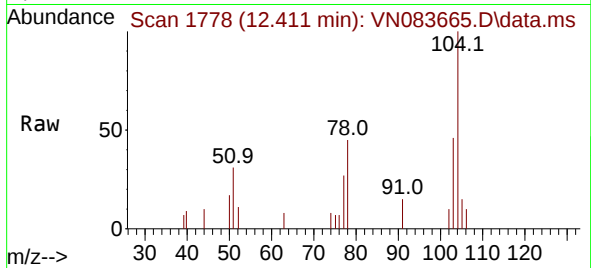




#70
Styrene
Concen: 0.668 ug/l
RT: 12.411 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

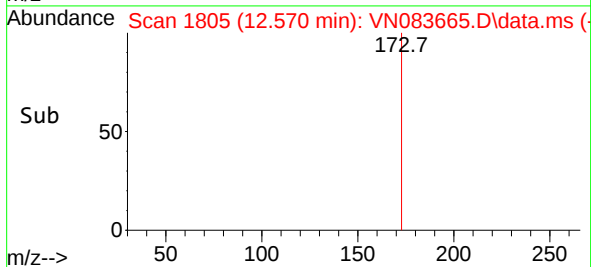
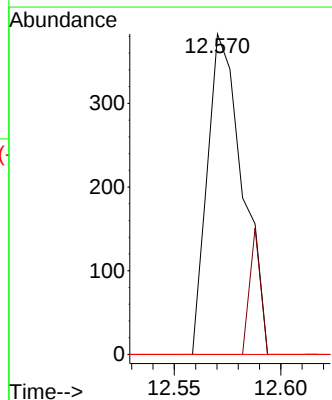
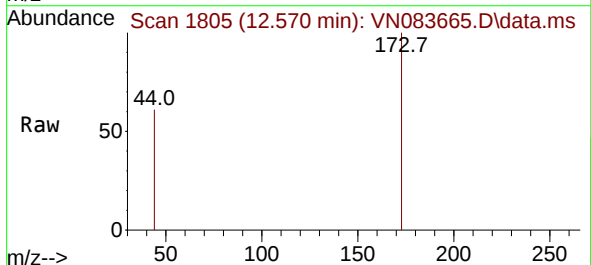
Instrument :
MSVOA_N
ClientSampleId :

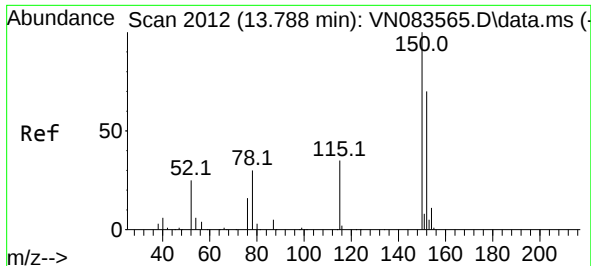
Tgt Ion:104 Resp: 4230
Ion Ratio Lower Upper
104 100
78 51.9 43.3 64.9
103 41.8 43.4 65.2#



#71
Bromoform
Concen: 0.316 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

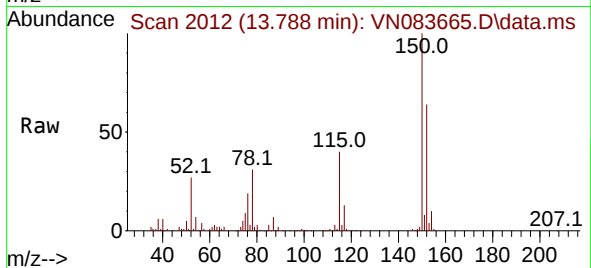
Tgt Ion:173 Resp: 441
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



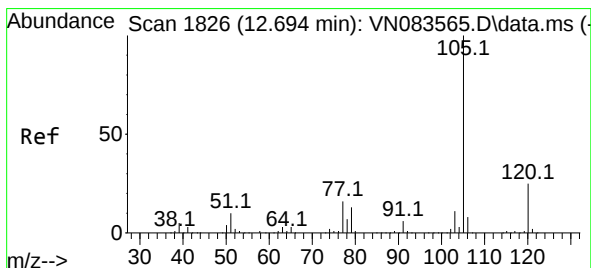
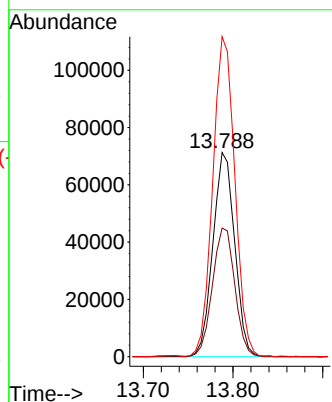
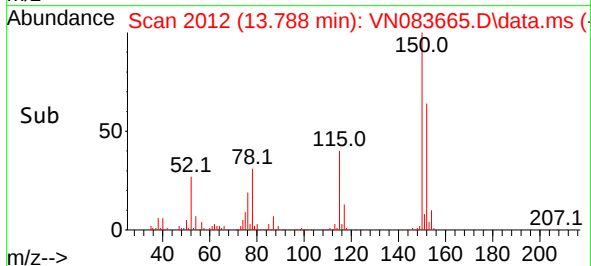


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

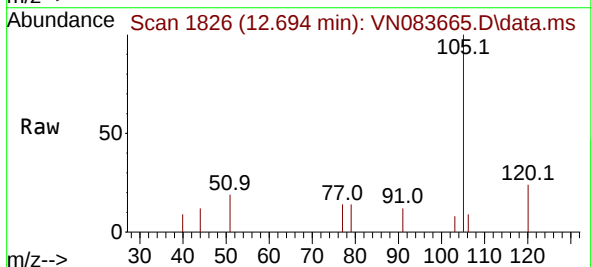
Instrument :
MSVOA_N
ClientSampleId :



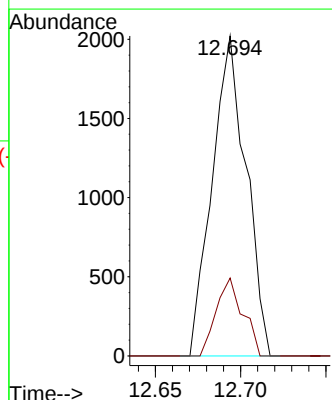
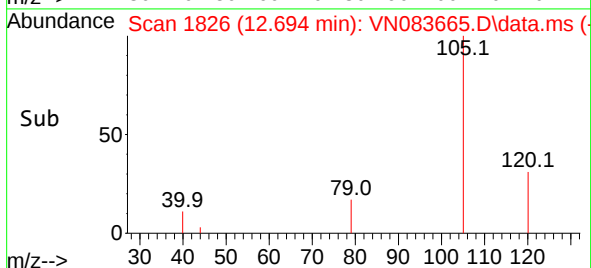
Tgt Ion:152 Resp: 120323
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 158.9 0.0 348.6

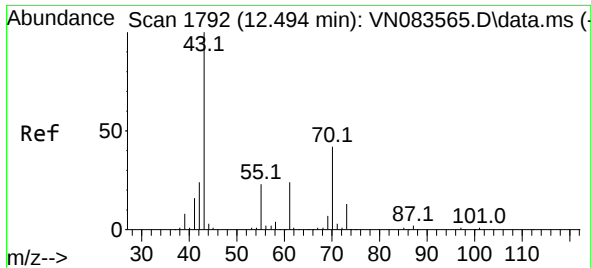


#73
Isopropylbenzene
Concen: 0.287 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42



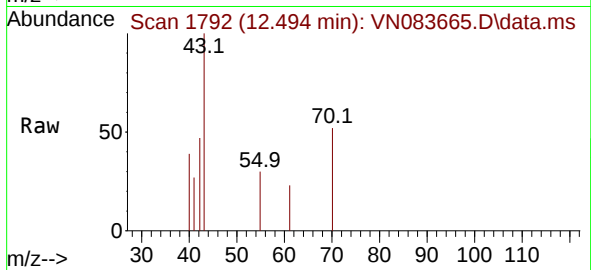
Tgt Ion:105 Resp: 2798
Ion Ratio Lower Upper
105 100
120 19.2 12.6 37.8





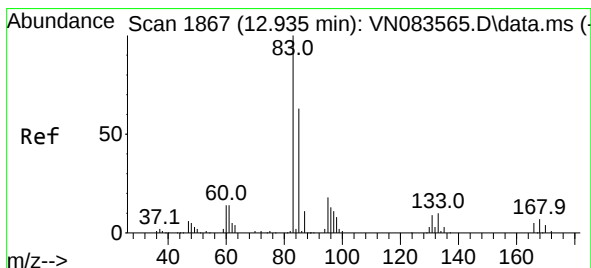
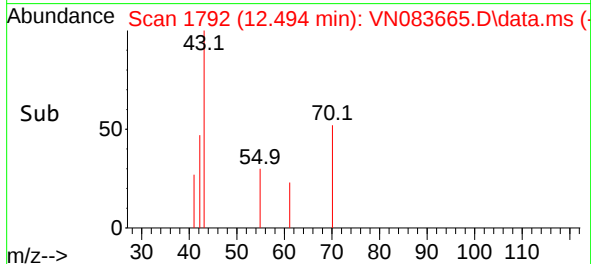
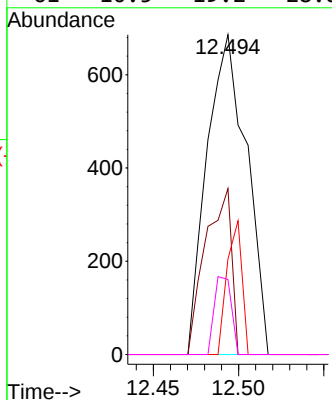
#74
N-amy1 acetate
Concen: 0.262 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1109

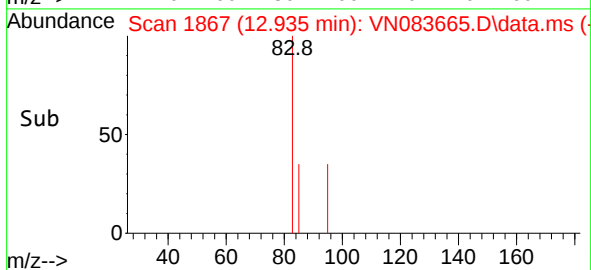
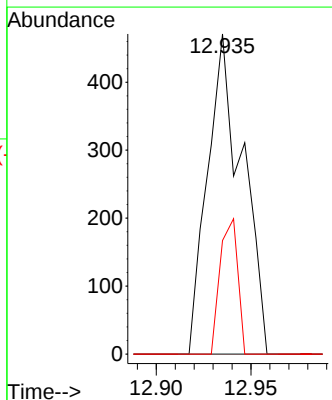
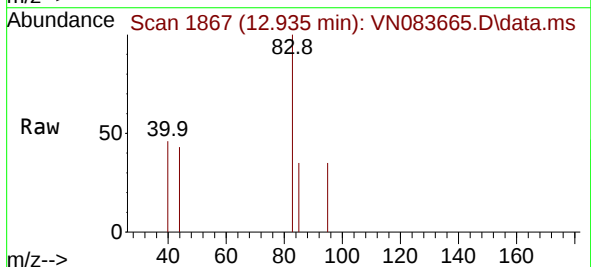
Ion	Ratio	Lower	Upper
43	100		
70	34.3	34.5	51.7#
55	15.7	18.6	28.0#
61	10.5	19.2	28.8#

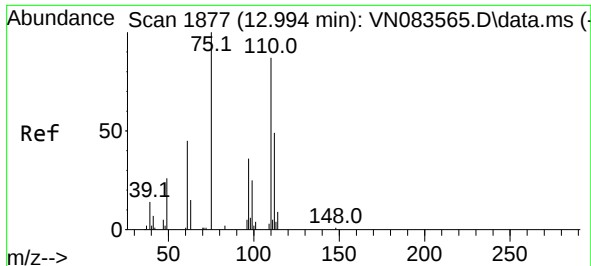


#75
1,1,2,2-Tetrachloroethane
Concen: 0.218 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 83 Resp: 602

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	21.4	31.9	95.9#

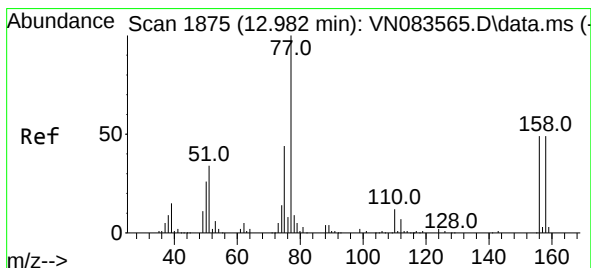
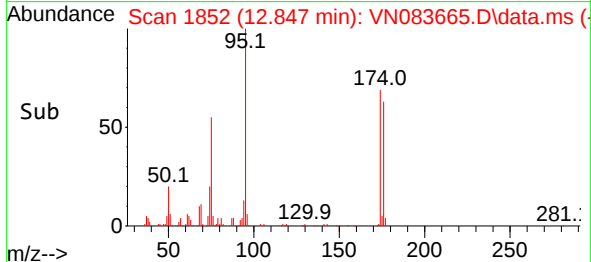
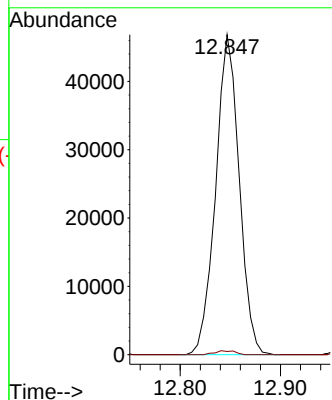
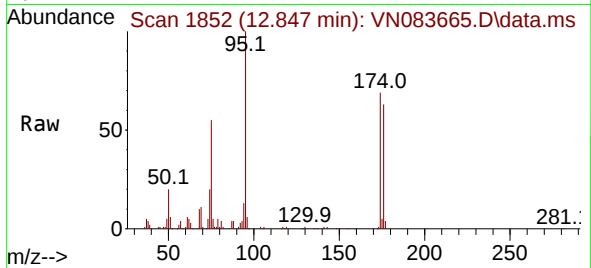




#76
1,2,3-Trichloropropane
Concen: 31.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

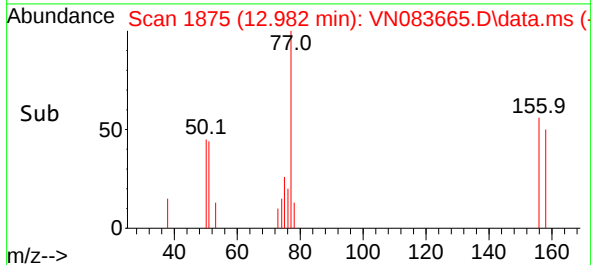
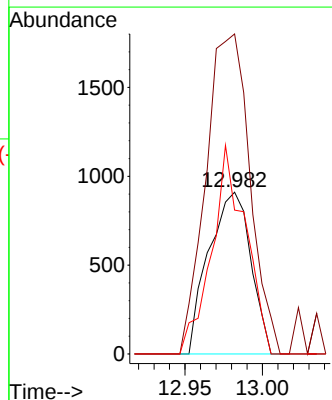
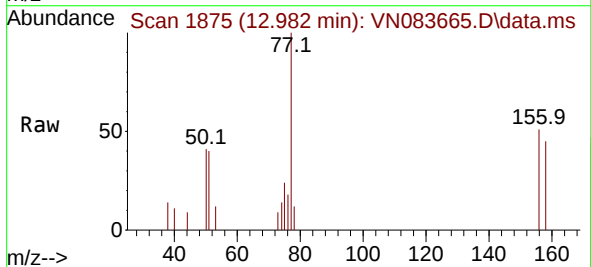
Instrument :
MSVOA_N
ClientSampleId :

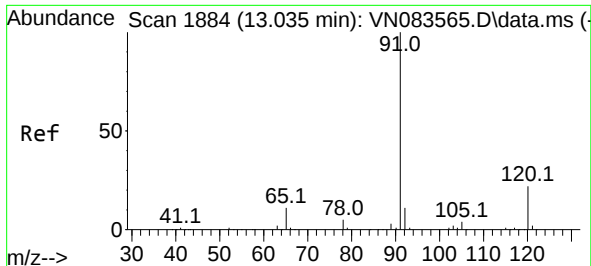
Tgt Ion: 75 Resp: 76338
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#77
Bromobenzene
Concen: 0.749 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion:156 Resp: 1712
Ion Ratio Lower Upper
156 100
77 207.9 114.3 343.1
158 104.3 48.9 146.7

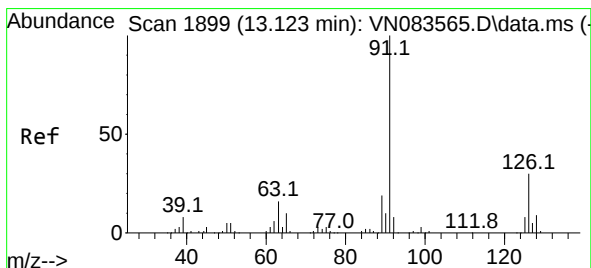
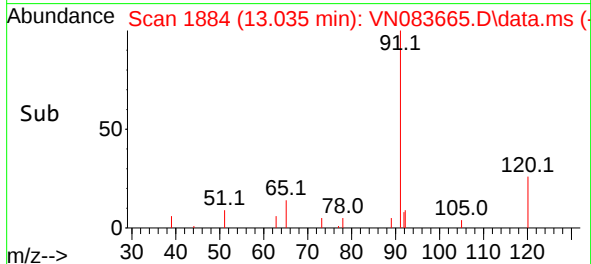
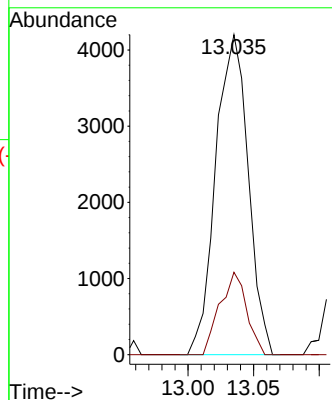
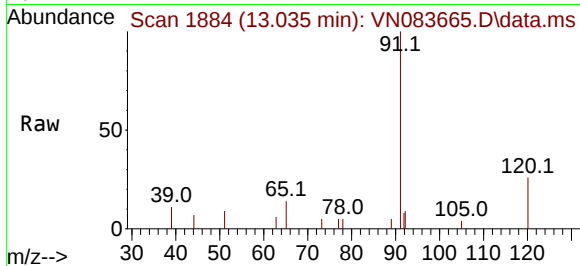




#78
n-propylbenzene
Concen: 0.642 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

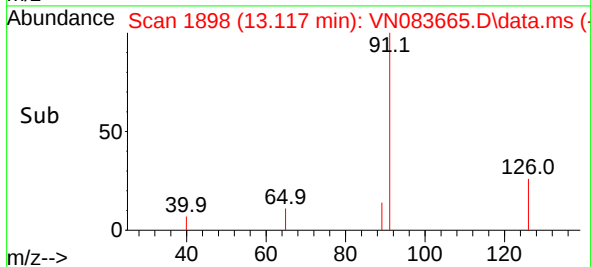
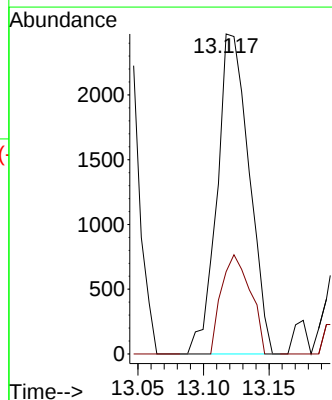
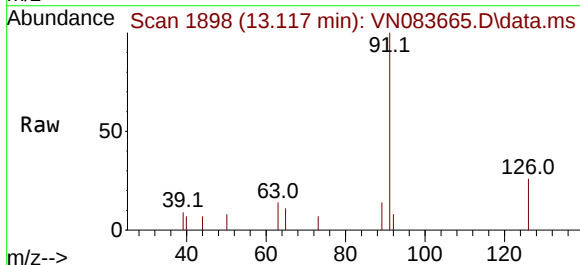
Instrument :
MSVOA_N
ClientSampleId :

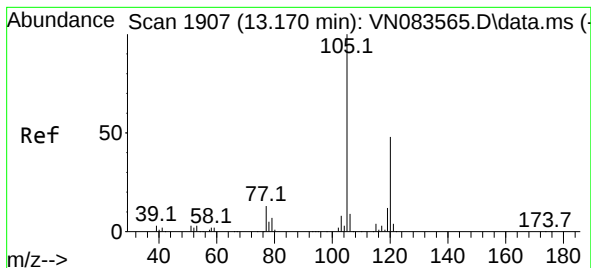
Tgt Ion: 91 Resp: 7229
Ion Ratio Lower Upper
91 100
120 21.2 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.576 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 91 Resp: 4203
Ion Ratio Lower Upper
91 100
126 28.1 15.4 46.2





#80

1,3,5-Trimethylbenzene

Concen: 0.358 ug/l

RT: 13.164 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

Instrument :

MSVOA_N

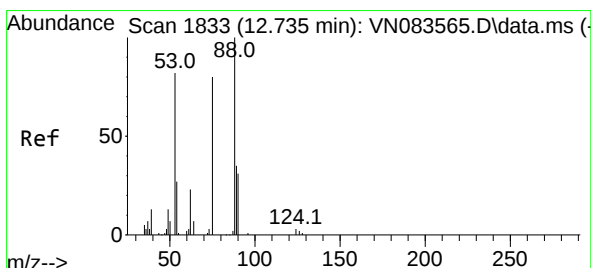
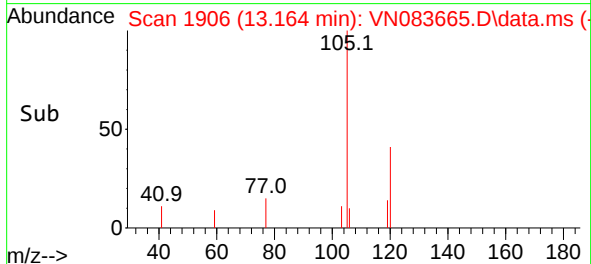
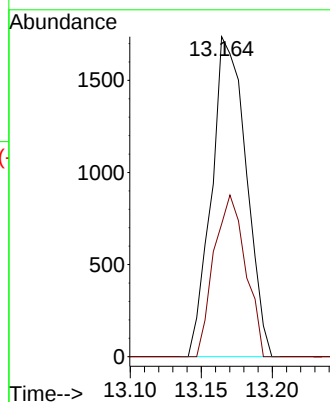
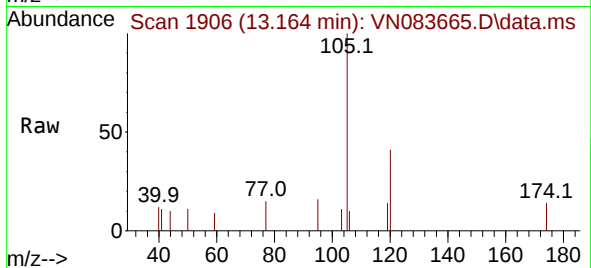
ClientSampleId :

Tgt Ion:105 Resp: 2941

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 74.116 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083665.D

Acq: 05 Sep 2024 10:42

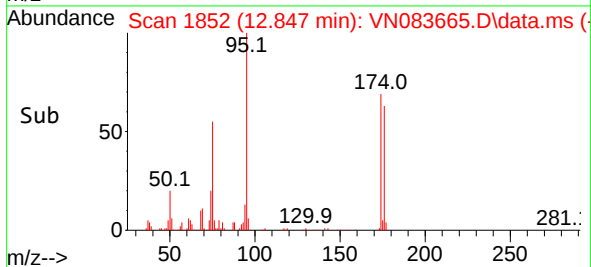
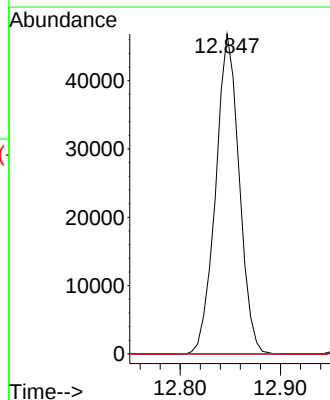
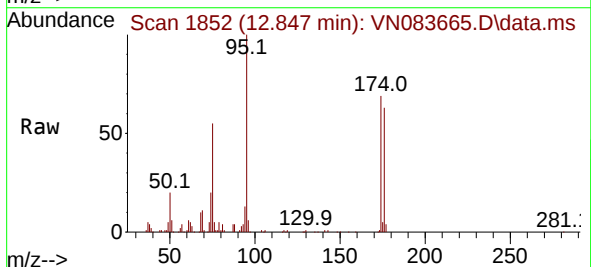
Tgt Ion: 75 Resp: 76338

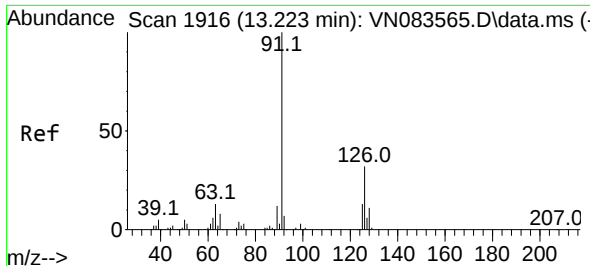
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

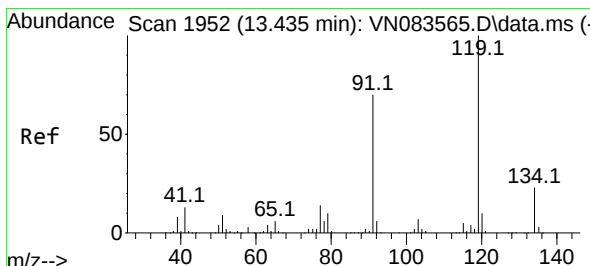
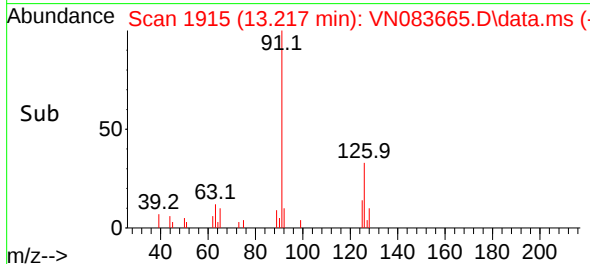
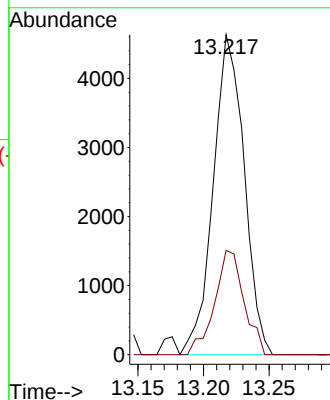
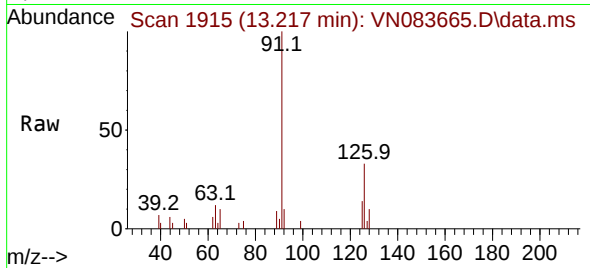




#82
4-Chlorotoluene
Concen: 1.024 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

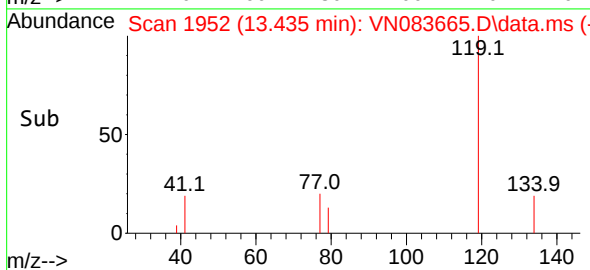
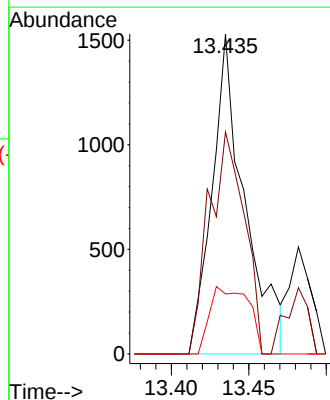
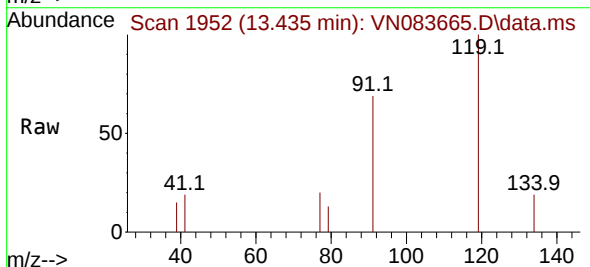
Instrument :
MSVOA_N
ClientSampleId :

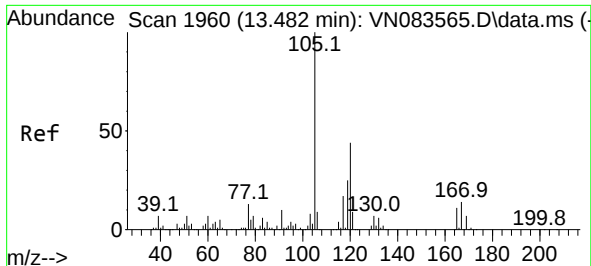
Tgt Ion: 91 Resp: 7592
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2



#83
tert-Butylbenzene
Concen: 0.308 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion: 119 Resp: 2247
Ion Ratio Lower Upper
119 100
91 74.9 34.5 103.6
134 24.6 12.8 38.4

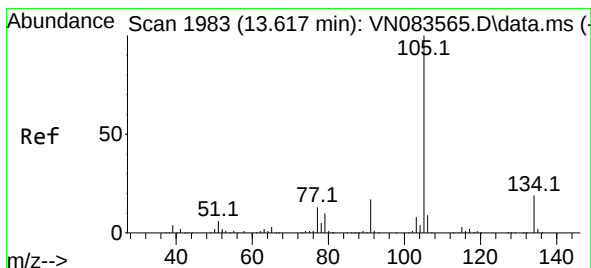
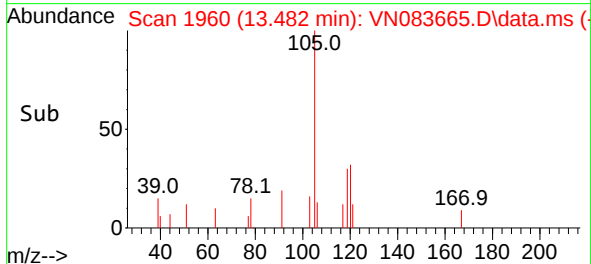
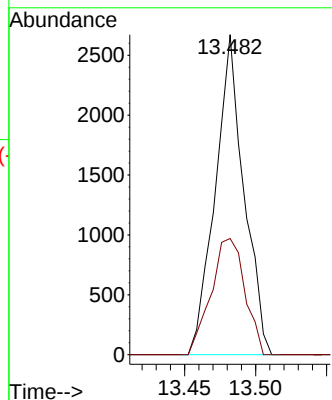
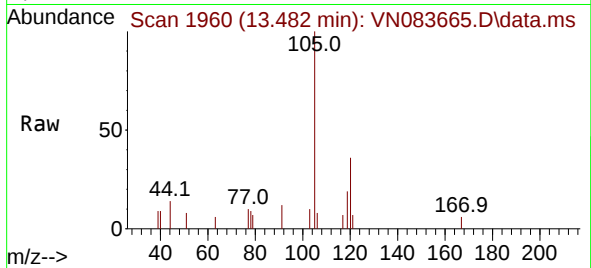




#84
1,2,4-Trimethylbenzene
Concen: 0.454 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

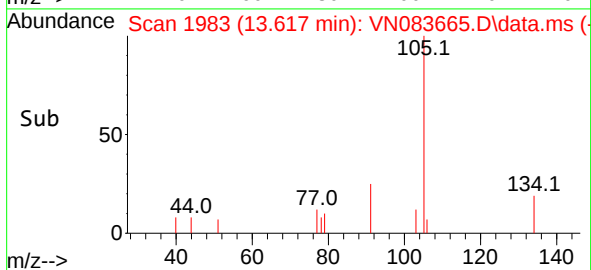
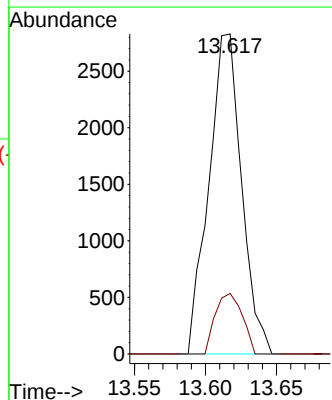
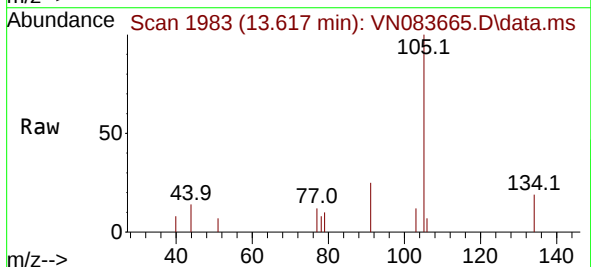
Instrument :
MSVOA_N
ClientSampleId :

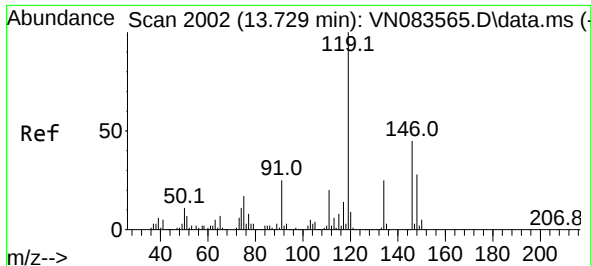
Tgt Ion:105 Resp: 3749
Ion Ratio Lower Upper
105 100
120 42.9 21.8 65.4



#85
sec-Butylbenzene
Concen: 0.467 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Tgt Ion:105 Resp: 4529
Ion Ratio Lower Upper
105 100
134 15.6 9.7 29.1

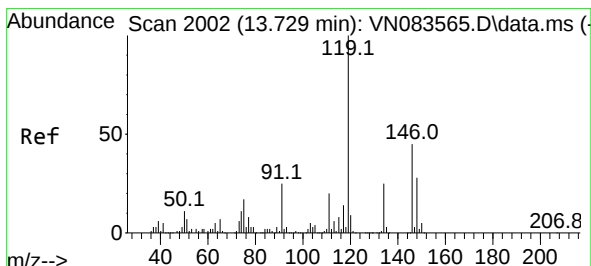
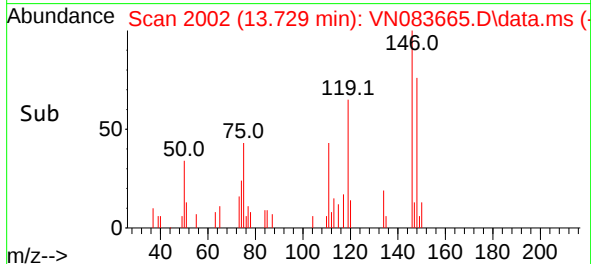
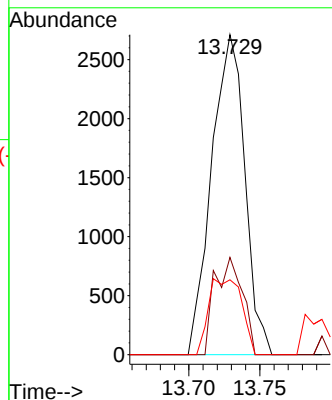
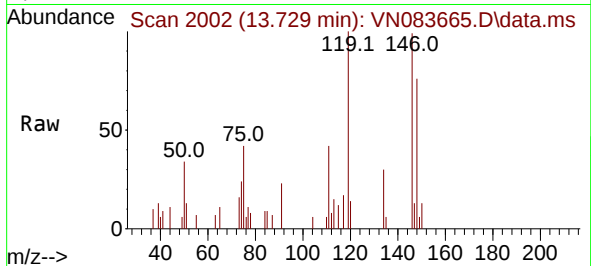




#86
p-Isopropyltoluene
Concen: 0.545 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

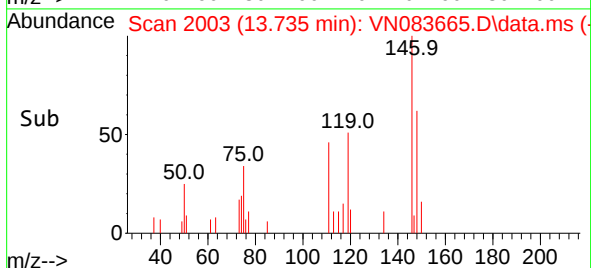
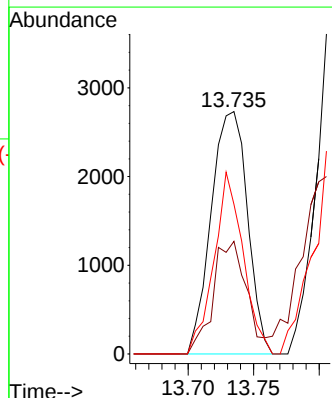
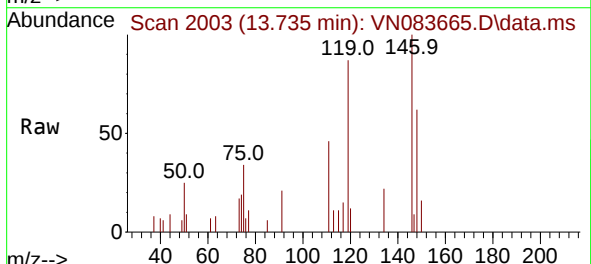
Instrument :
MSVOA_N
ClientSampleId :

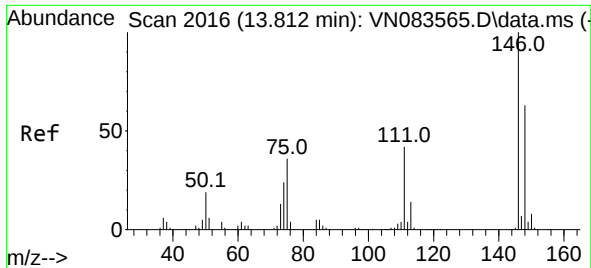
Tgt Ion:119 Resp: 4415
Ion Ratio Lower Upper
119 100
134 25.3 12.8 38.3
91 23.6 12.9 38.7



#87
1,3-Dichlorobenzene
Concen: 1.187 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

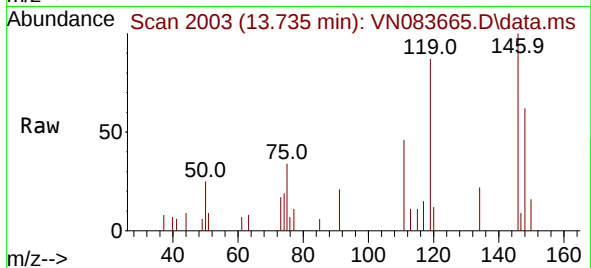
Tgt Ion:146 Resp: 5264
Ion Ratio Lower Upper
146 100
111 42.9 21.7 65.1
148 60.3 31.7 95.1



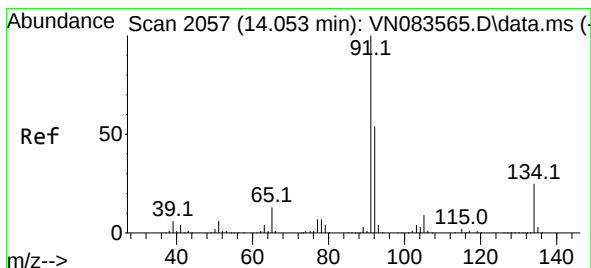
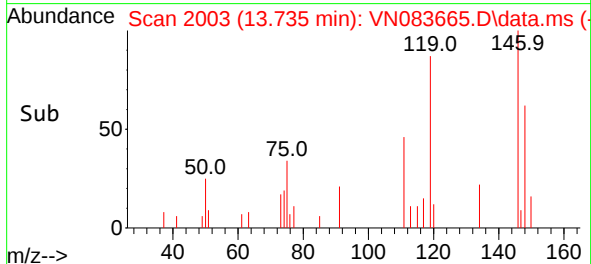
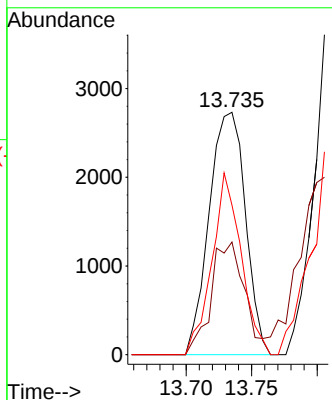


#88
1,4-Dichlorobenzene
Concen: 1.155 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

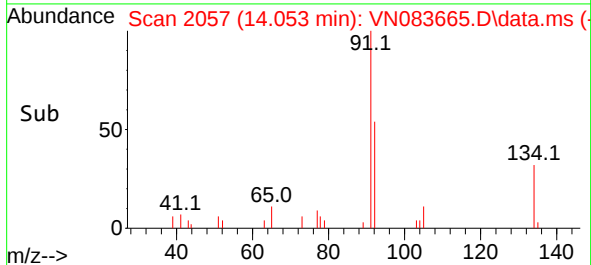
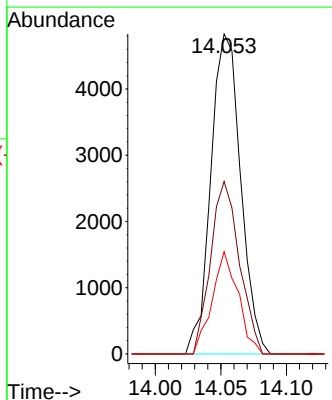
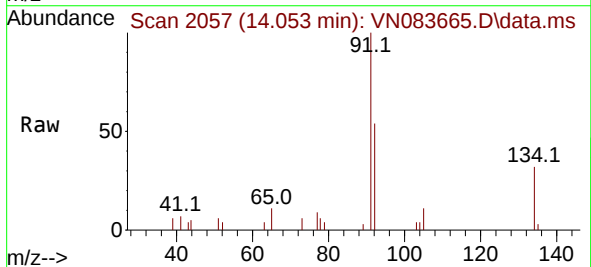


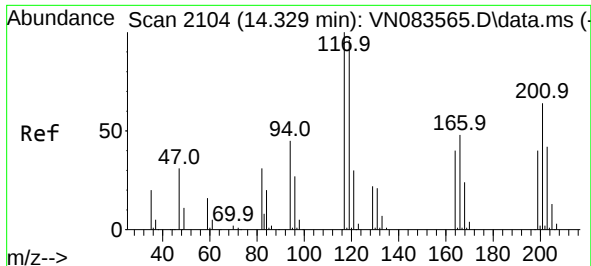
Tgt Ion:146 Resp: 5264
Ion Ratio Lower Upper
146 100
111 42.9 21.3 64.0
148 60.3 32.0 96.2



#89
n-Butylbenzene
Concen: 1.073 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

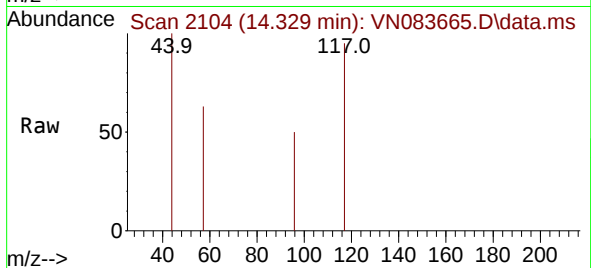
Tgt Ion: 91 Resp: 7644
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 27.8 12.2 36.4



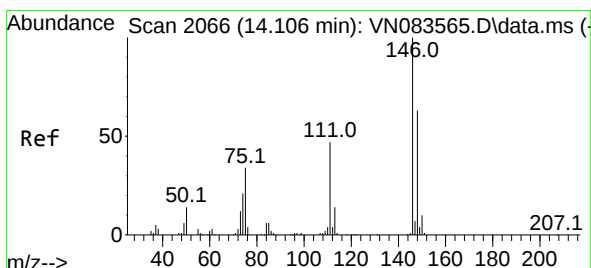
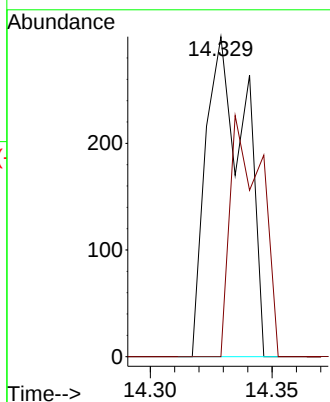
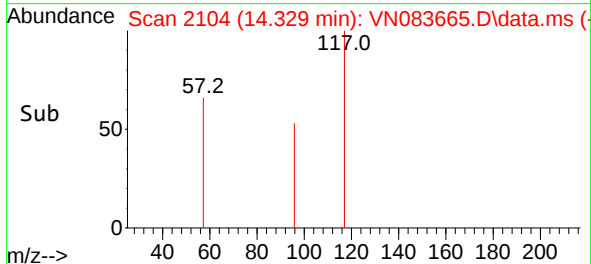


#90
Hexachloroethane
Concen: 0.213 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

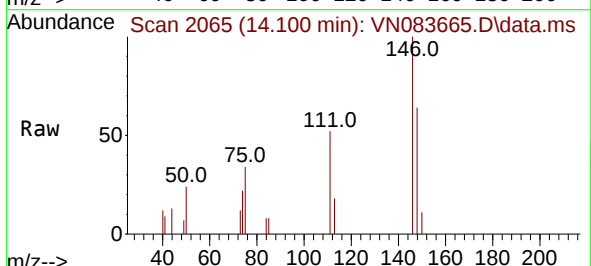
Instrument :
MSVOA_N
ClientSampleId :



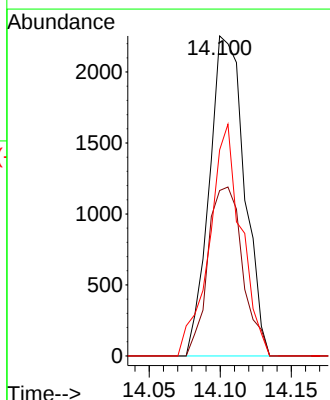
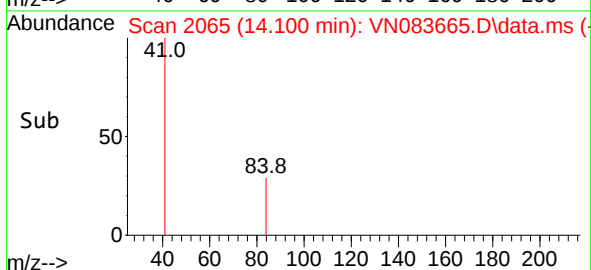
Tgt Ion:117 Resp: 335
Ion Ratio Lower Upper
117 100
201 60.3 32.8 98.3

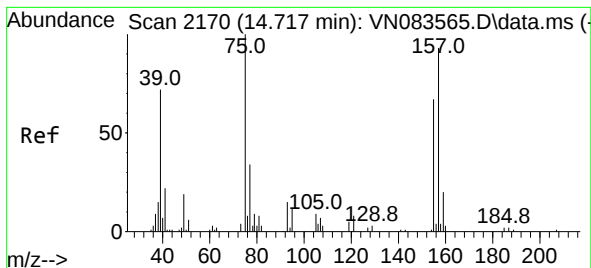


#91
1,2-Dichlorobenzene
Concen: 0.909 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42



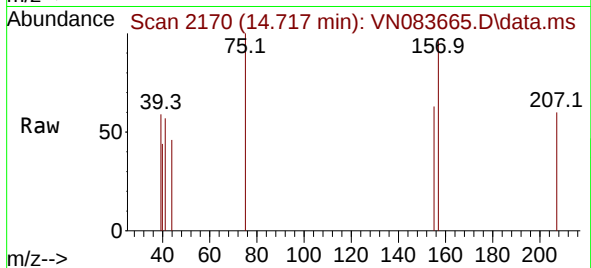
Tgt Ion:146 Resp: 3881
Ion Ratio Lower Upper
146 100
111 52.4 22.8 68.3
148 65.7 32.1 96.5





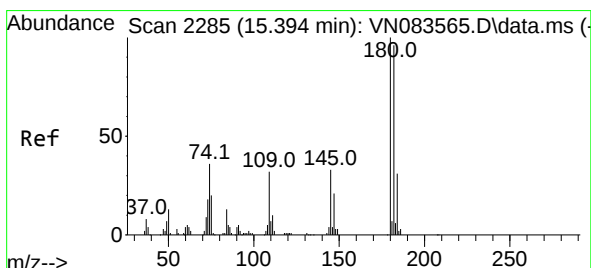
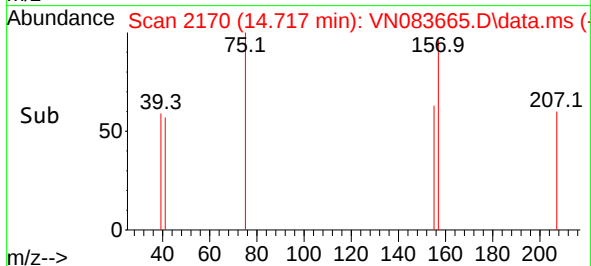
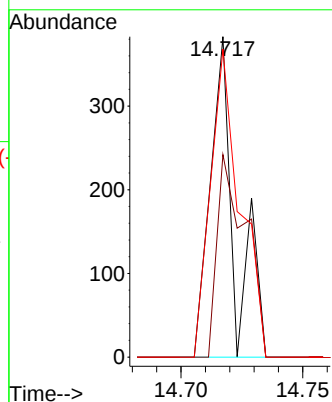
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.445 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN083665.D
 Acq: 05 Sep 2024 10:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 267

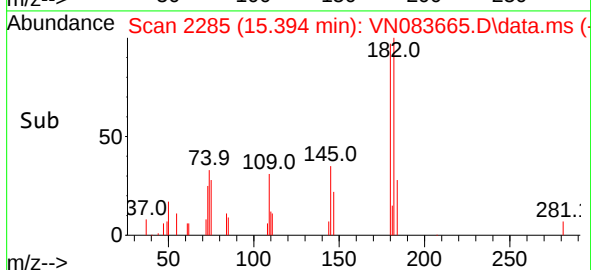
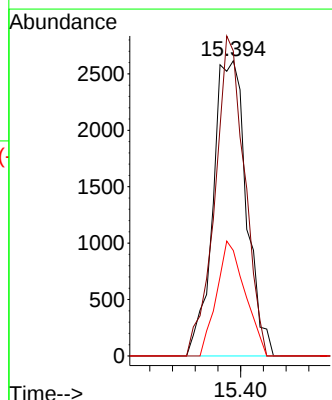
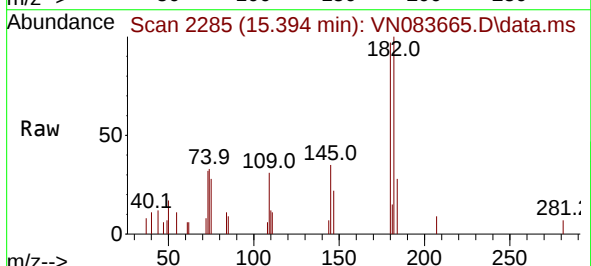
Ion	Ratio	Lower	Upper
75	100		
155	74.2	35.9	107.7
157	116.9	47.5	142.5

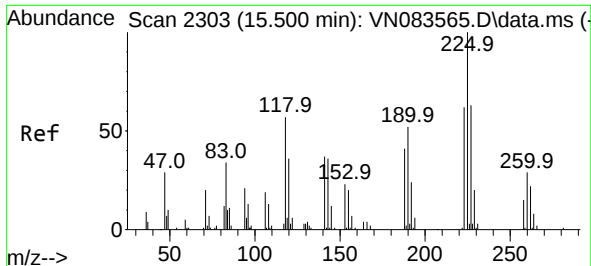


#93
 1,2,4-Trichlorobenzene
 Concen: 2.203 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN083665.D
 Acq: 05 Sep 2024 10:42

Tgt Ion: 180 Resp: 5335

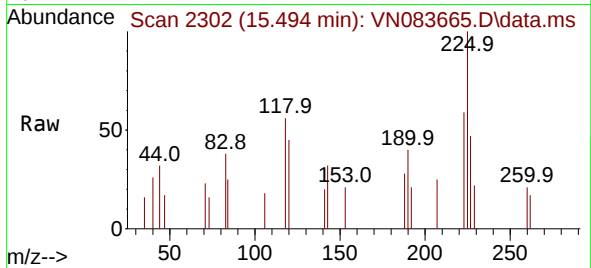
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	33.1	16.9	50.7



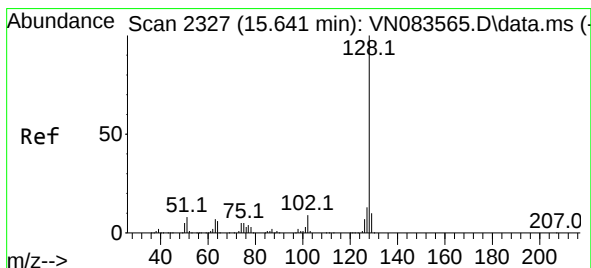
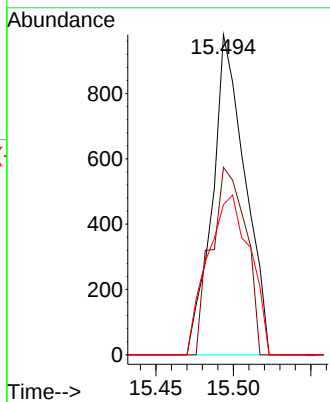
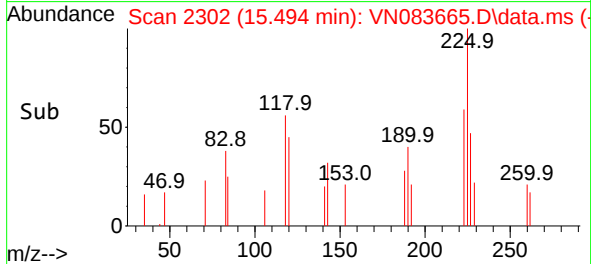


#94
Hexachlorobutadiene
Concen: 1.480 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

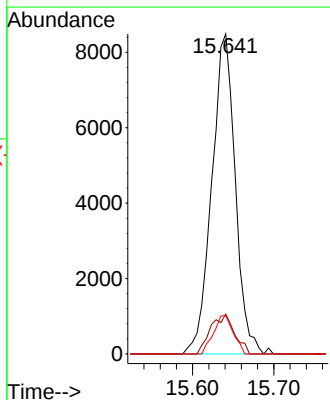
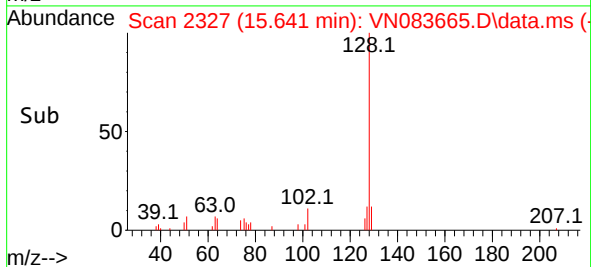
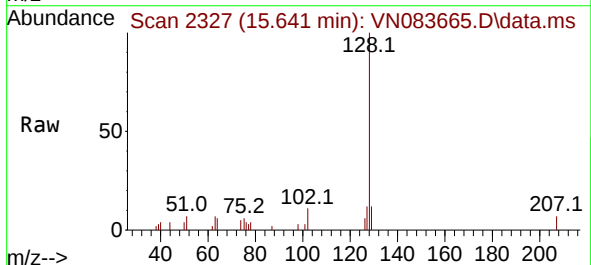


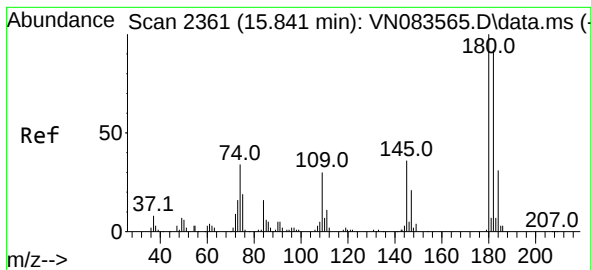
Tgt Ion:225 Resp: 1436
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.5
227 65.3 32.0 96.2



#95
Naphthalene
Concen: 2.198 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083665.D
Acq: 05 Sep 2024 10:42

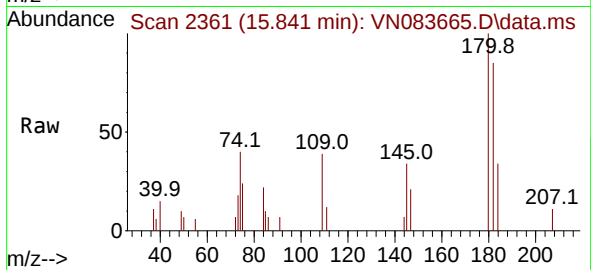
Tgt Ion:128 Resp: 17101
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.207 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083665.D
 Acq: 05 Sep 2024 10:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	5339
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.1	141.4
145	34.9	17.8	53.5

