

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083572.D
 Acq On : 30 Aug 2024 13:40
 Operator : JC\MD
 Sample : VN0830MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:36:09 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	146014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107430	52.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.280%	
35) Dibromofluoromethane	8.165	113	87449	49.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.740%	
50) Toluene-d8	10.565	98	312005	45.292	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.580%	
62) 4-Bromofluorobenzene	12.847	95	140677	55.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.120%	

Target Compounds				Qvalue		
3) Chloromethane	2.360	50	526	0.292	ug/l #	41
5) Bromomethane	2.901	94	642	0.678	ug/l	81
6) Chloroethane	3.018	64	289	0.245	ug/l #	45
13) Acrolein	4.183	56	305	1.013	ug/l #	13
15) Acrylonitrile	5.736	53	180	0.229	ug/l	85
16) Acetone	4.436	43	406	0.499	ug/l #	45
17) Carbon Disulfide	4.701	76	4751	1.019	ug/l #	95
18) Methyl Acetate	5.036	43	1961	0.906	ug/l #	58
20) Methylene Chloride	5.259	84	390	0.217	ug/l #	59
21) trans-1,2-Dichloroethene	5.789	96	767	0.460	ug/l #	68
23) Vinyl Acetate	6.600	43	1339	0.321	ug/l #	71
25) 2-Butanone	7.483	43	300	0.271	ug/l #	49
27) cis-1,2-Dichloroethene	7.489	96	547	0.275	ug/l	82
31) Cyclohexane	8.224	56	4018	1.273	ug/l #	40
36) 1,1-Dichloropropene	8.377	75	804	0.298	ug/l #	81
38) Carbon Tetrachloride	8.218	117	16174	5.247	ug/l #	18
43) Isopropyl Acetate	8.671	43	8238	0.354	ug/l #	57
44) Trichloroethene	9.347	130	827	0.414	ug/l	87
51) 4-Methyl-2-Pentanone	10.435	43	961	0.384	ug/l #	73
52) Toluene	10.630	92	1090	0.210	ug/l	76
53) t-1,3-Dichloropropene	10.830	75	1736	0.552	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	1076	0.326	ug/l #	90
58) 2-Chloroethyl Vinyl ether	10.159	63	1277	0.958	ug/l #	79
59) 2-Hexanone	11.194	43	1580	0.842	ug/l	74
61) 1,2-Dibromoethane	11.471	107	629	0.332	ug/l	92
64) Tetrachloroethene	11.100	164	454	0.226	ug/l #	56
65) Chlorobenzene	11.888	112	3731	0.545	ug/l	91
67) Ethyl Benzene	11.959	91	3775	0.309	ug/l	94
68) m/p-Xylenes	12.077	106	3089	0.671	ug/l	95
69) o-Xylene	12.400	106	1078	0.242	ug/l	87
70) Styrene	12.412	104	4247	0.568	ug/l	95
71) Bromoform	12.582	173	384	0.233	ug/l #	29
73) Isopropylbenzene	12.694	105	3289	0.289	ug/l	98
74) N-amyl acetate	12.488	43	1379	0.279	ug/l #	75
76) 1,2,3-Trichloropropane	12.847	75	79365	27.954	ug/l #	1
77) Bromobenzene	12.976	156	1949	0.730	ug/l	84

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

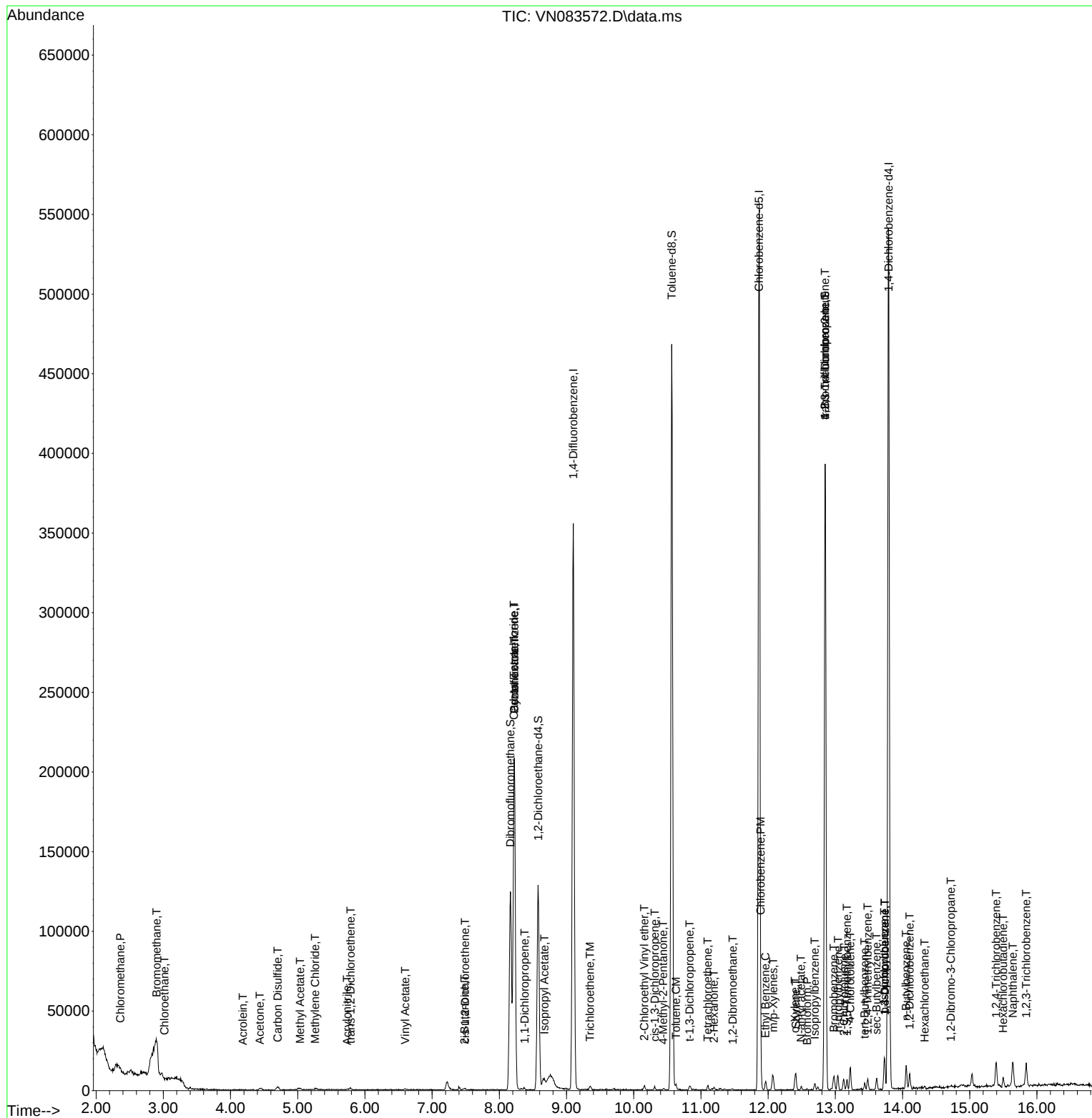
78) n-propylbenzene	13.041	91	7769	0.590	ug/l	100
79) 2-Chlorotoluene	13.129	91	4308	0.505	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	3538	0.369	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	79365	65.931	ug/l #	9
82) 4-Chlorotoluene	13.224	91	8221	0.949	ug/l	99
83) tert-Butylbenzene	13.435	119	2114	0.248	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.482	105	3833	0.397	ug/l	96
85) sec-Butylbenzene	13.612	105	4877	0.430	ug/l	97
86) p-Isopropyltoluene	13.729	119	4313	0.456	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	5456	1.053	ug/l	98
88) 1,4-Dichlorobenzene	13.735	146	5456	1.024	ug/l	99
89) n-Butylbenzene	14.053	91	8304	0.998	ug/l	95
90) Hexachloroethane	14.329	117	378	0.205	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	3812	0.764	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	283	0.404	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.394	180	5233	1.849	ug/l	95
94) Hexachlorobutadiene	15.494	225	1191	1.051	ug/l	92
95) Naphthalene	15.641	128	15166	1.668	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	4590	1.623	ug/l	98

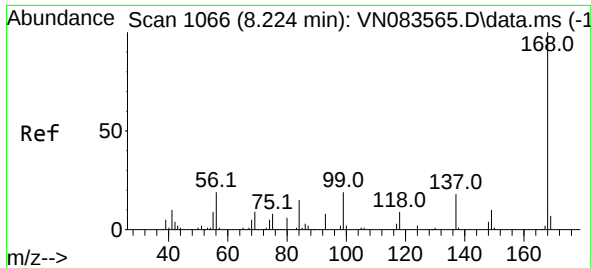
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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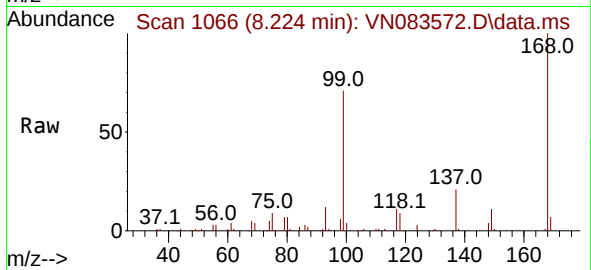
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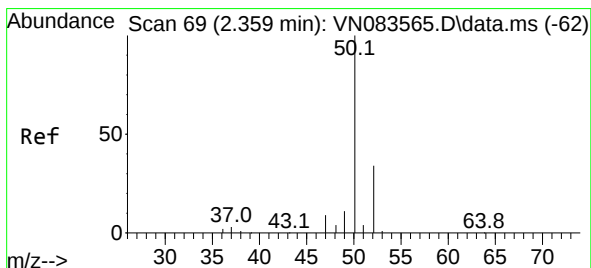
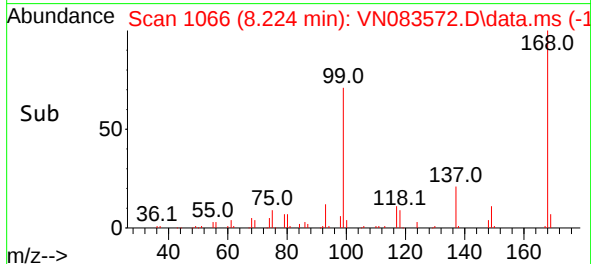
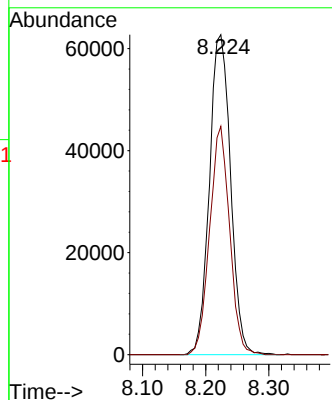


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083572.D
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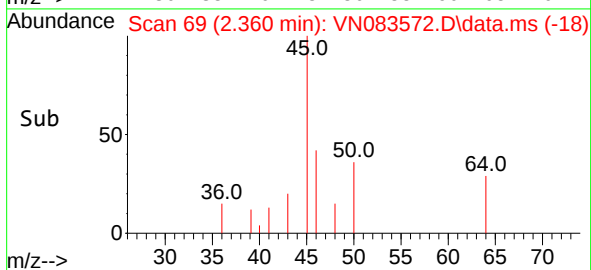
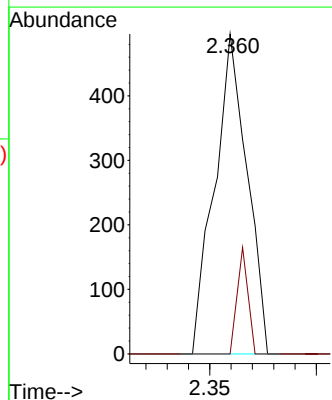
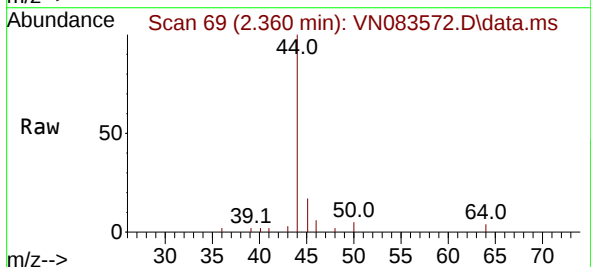


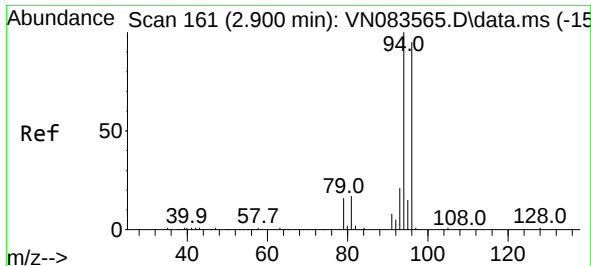
Tgt Ion:168 Resp: 146014
Ion Ratio Lower Upper
168 100
99 71.3 54.2 81.2



#3
Chloromethane
Concen: 0.292 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

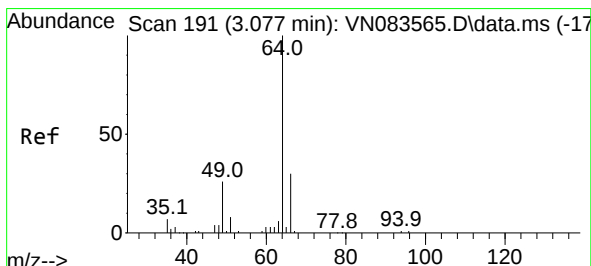
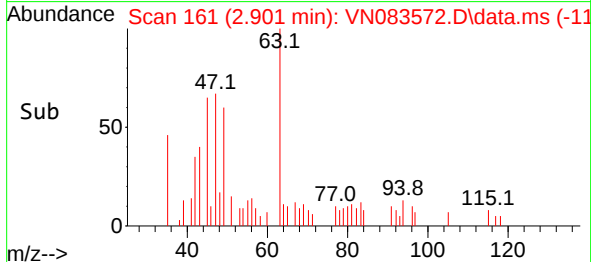
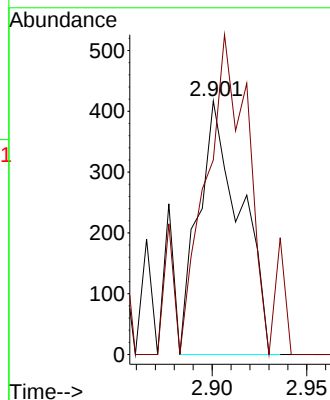
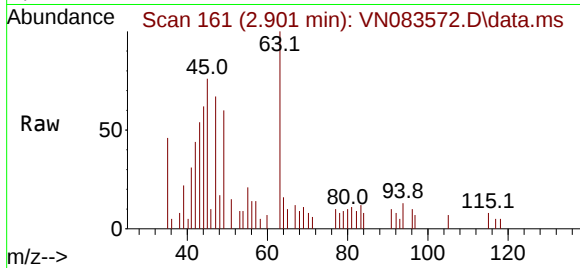




#5
Bromomethane
Concen: 0.678 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

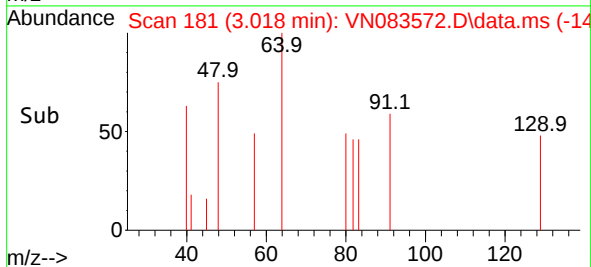
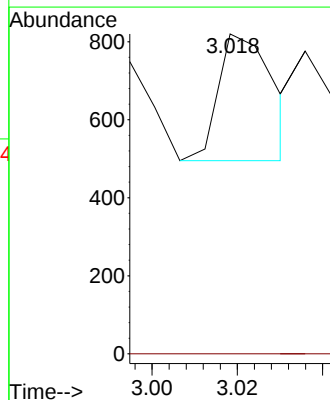
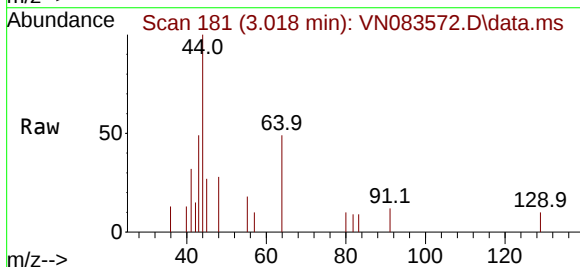
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ClientSampleId :

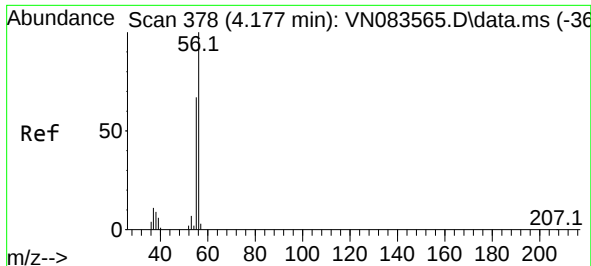
Tgt Ion: 94 Resp: 642
Ion Ratio Lower Upper
94 100
96 76.7 76.0 114.0



#6
Chloroethane
Concen: 0.245 ug/l
RT: 3.018 min Scan# 181
Delta R.T. -0.059 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

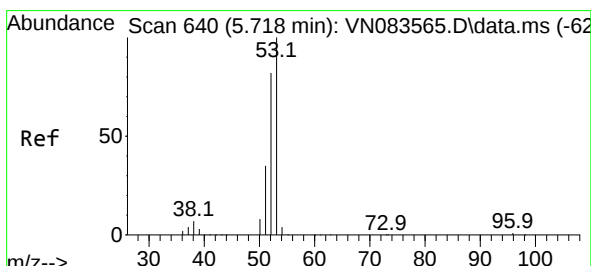
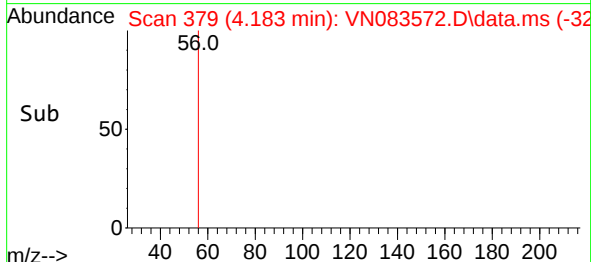
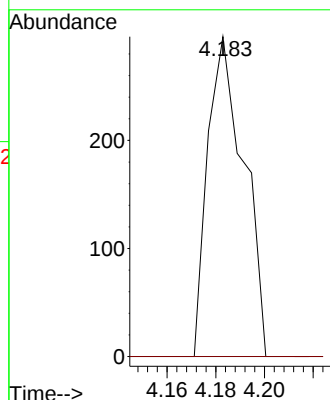
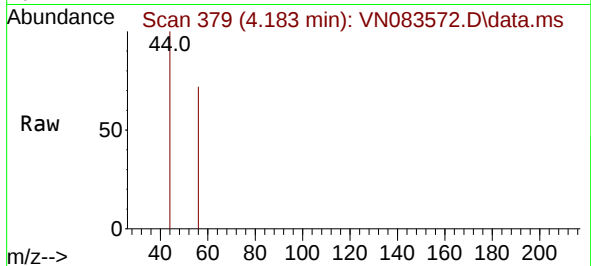




#13
Acrolein
Concen: 1.013 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

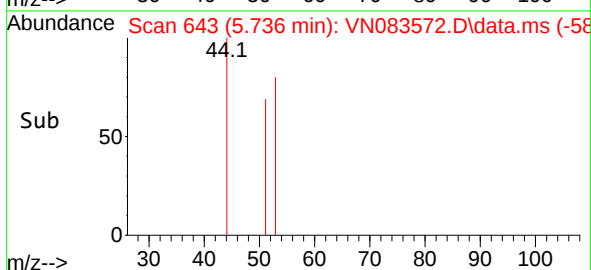
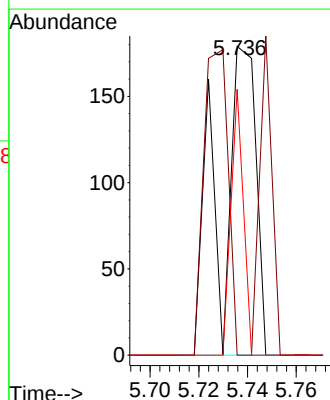
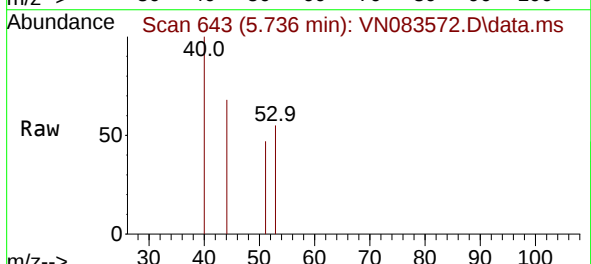
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MSVOA_N
ClientSampleId :

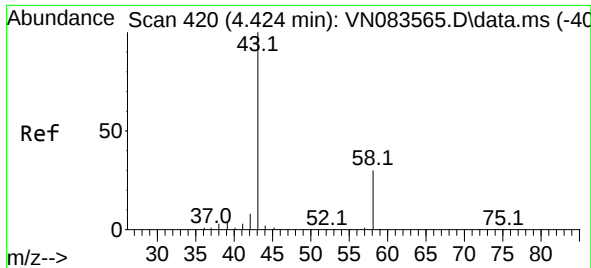
Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#15
Acrylonitrile
Concen: 0.229 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.018 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

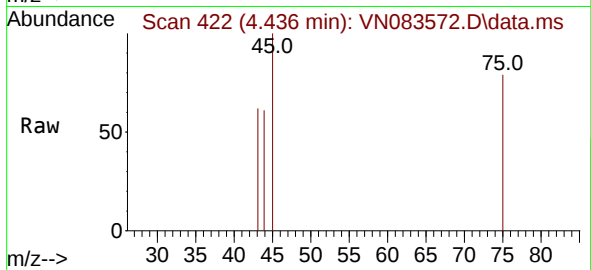
Tgt Ion: 53 Resp: 180
Ion Ratio Lower Upper
53 100
52 68.3 66.1 99.1
51 30.0 29.6 44.4



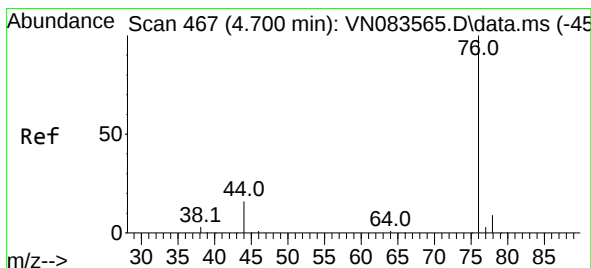
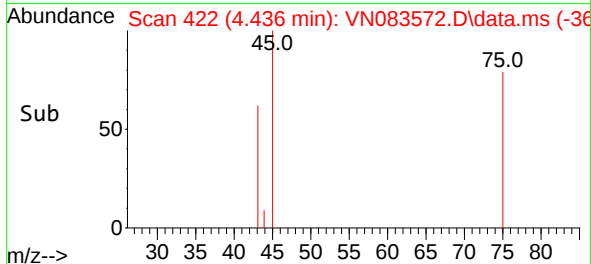
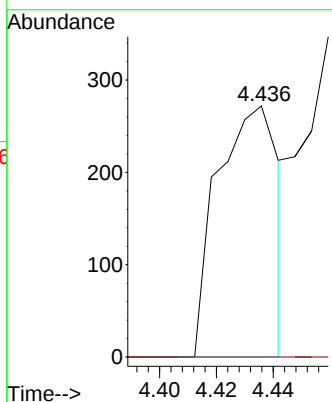


#16
Acetone
Concen: 0.499 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Instrument :
MSVOA_N
ClientSampleId :

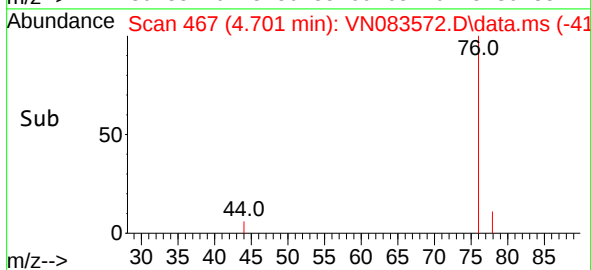
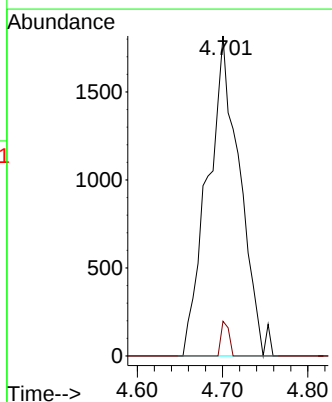
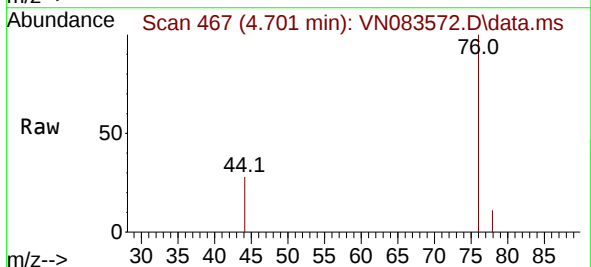


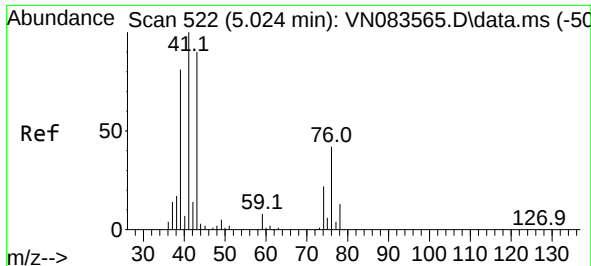
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#17
Carbon Disulfide
Concen: 1.019 ug/l
RT: 4.701 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 76 Resp: 4751
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7#

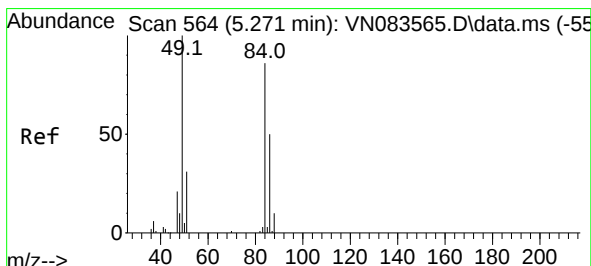
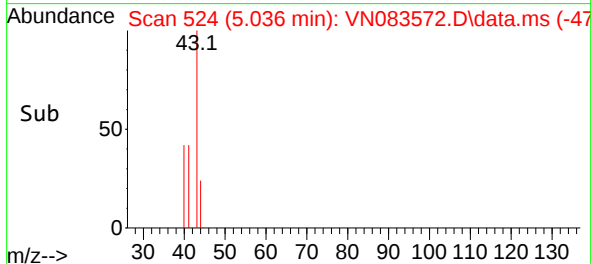
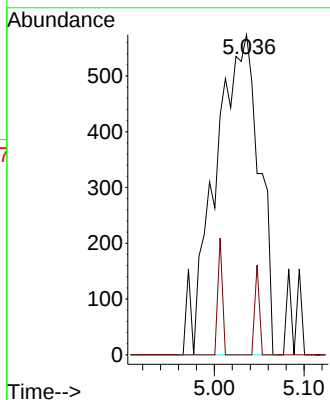
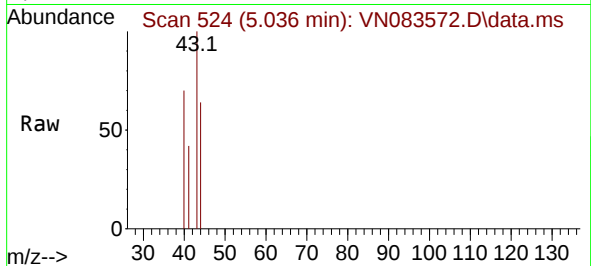




#18
Methyl Acetate
Concen: 0.906 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

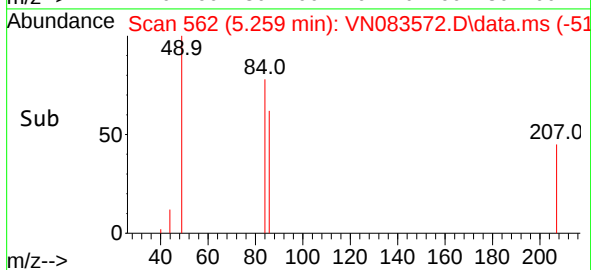
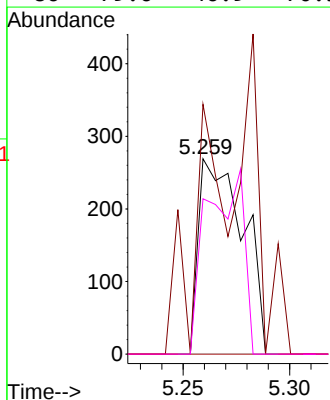
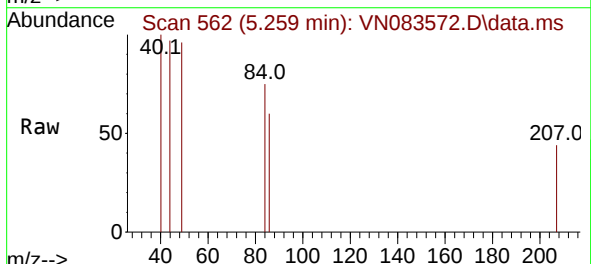
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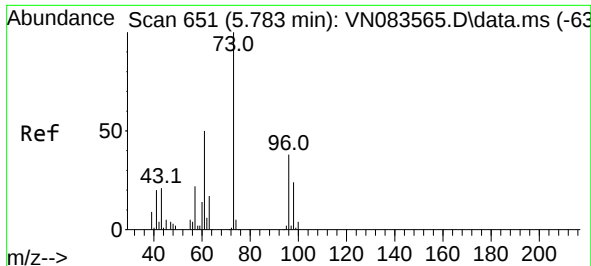
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Ion Ratio Lower Upper
43 100
74 2.9 19.0 28.4#



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

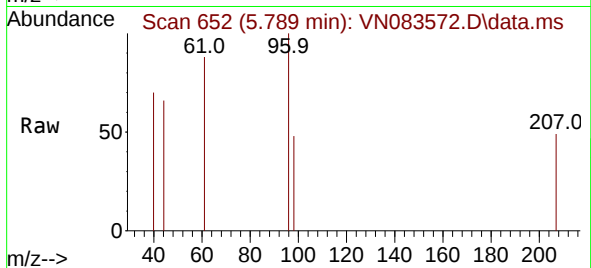
Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 71.4 93.4 140.0#
51 0.0 29.2 43.8#
86 79.6 46.9 70.3#



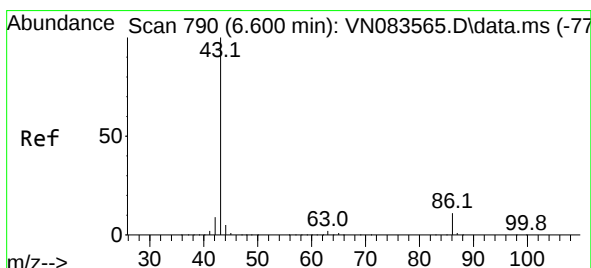
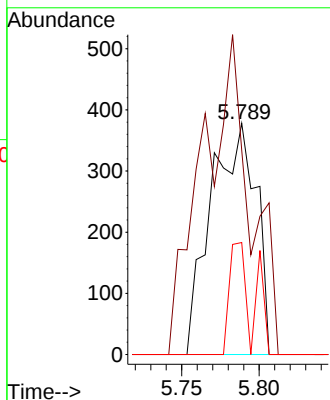
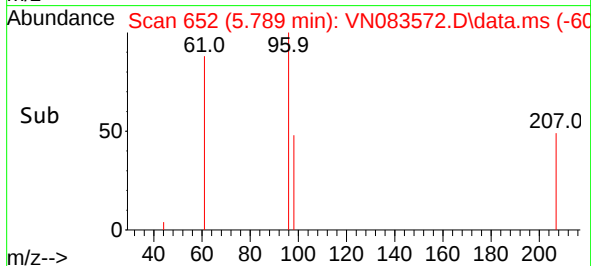


#21
trans-1,2-Dichloroethene
Concen: 0.460 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083572.D
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ClientSampleId :

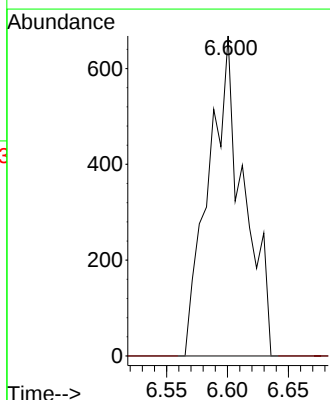
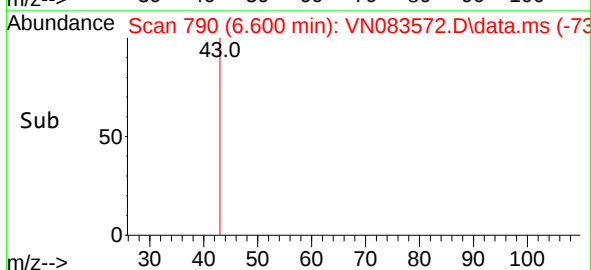
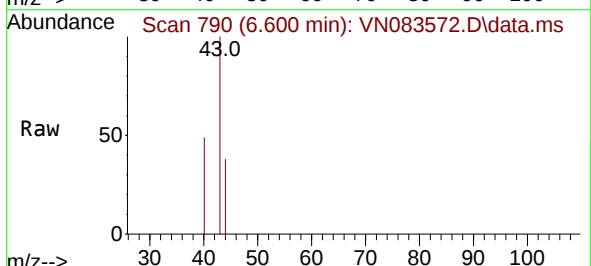


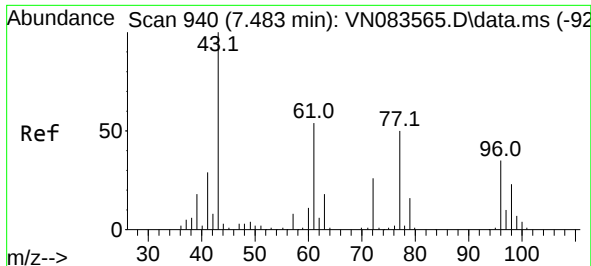
Tgt Ion: 96 Resp: 767
Ion Ratio Lower Upper
96 100
61 88.4 106.0 159.0#
98 48.4 52.2 78.2#



#23
Vinyl Acetate
Concen: 0.321 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
86 0.0 8.7 13.1#





#25

2-Butanone

Concen: 0.271 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

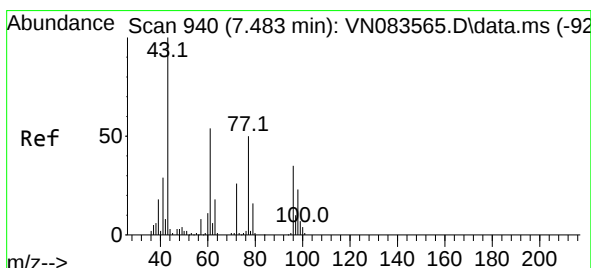
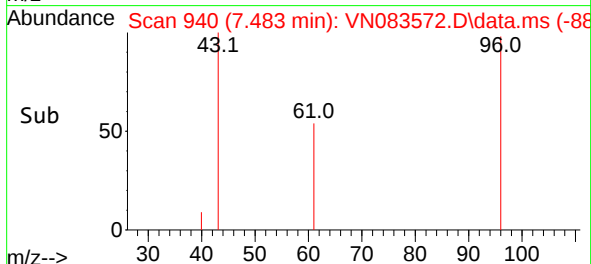
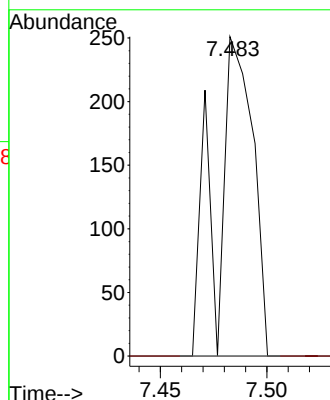
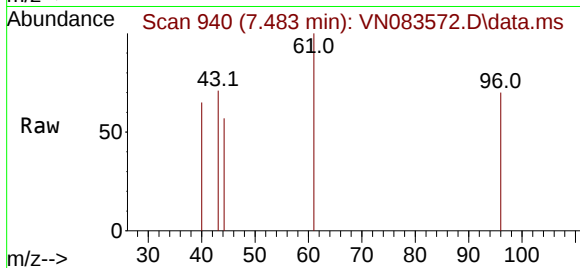
ClientSampleId :

Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 0.275 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

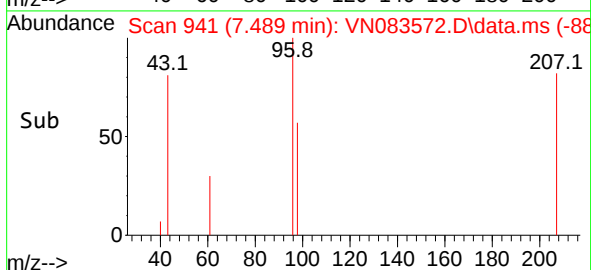
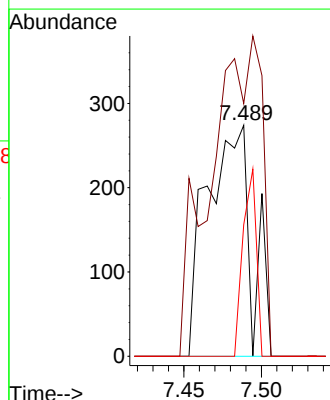
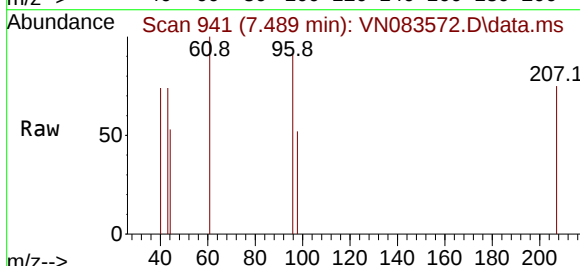
Tgt Ion: 96 Resp: 547

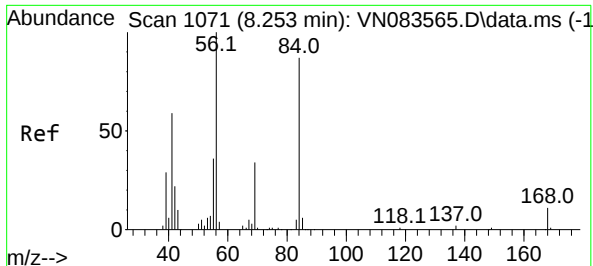
Ion Ratio Lower Upper

96 100

61 159.2 0.0 306.2

98 24.3 0.0 128.6





#31

Cyclohexane

Concen: 1.273 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

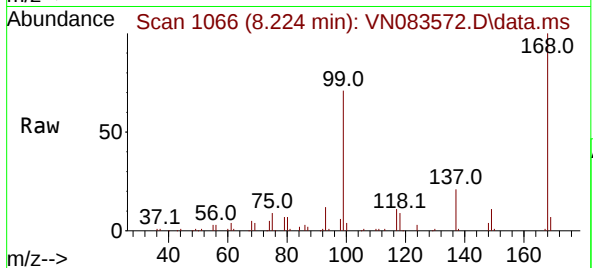
Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

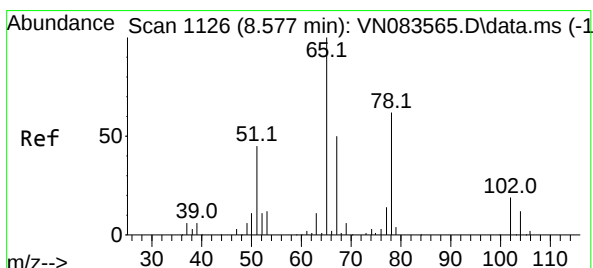
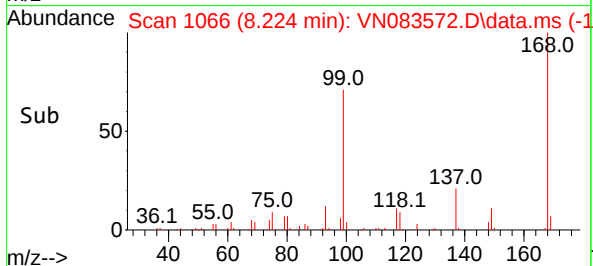
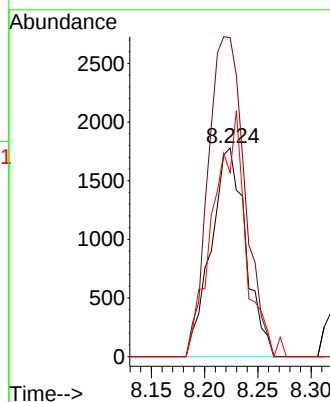
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	4018
Ion Ratio	Lower	Upper	
56	100		
69	152.9	26.9	40.3#
84	88.1	69.2	103.8



#33

1,2-Dichloroethane-d4

Concen: 52.644 ug/l

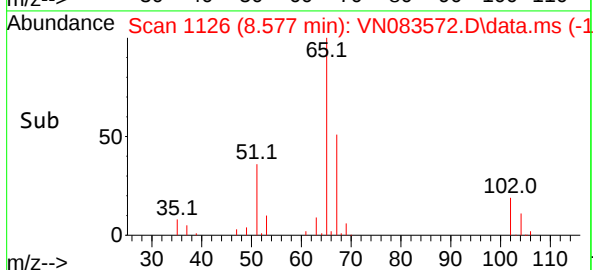
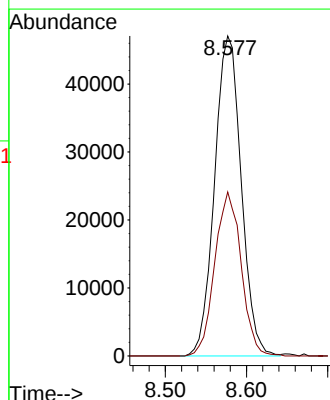
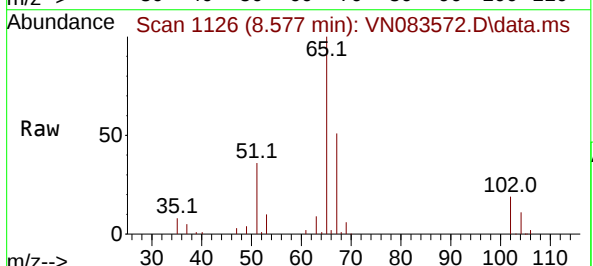
RT: 8.577 min Scan# 1126

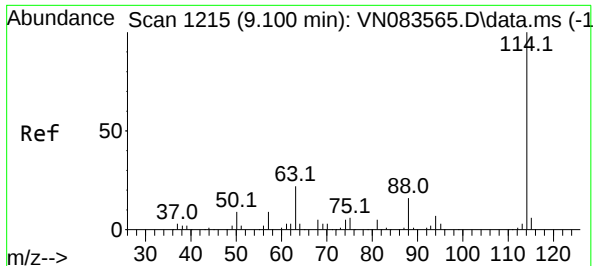
Delta R.T. 0.000 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Tgt Ion:	65	Resp:	107430
Ion Ratio	Lower	Upper	
65	100		
67	50.7	0.0	100.8

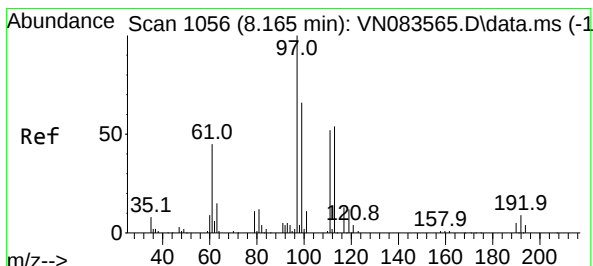
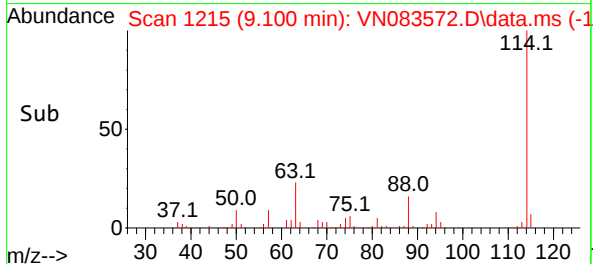
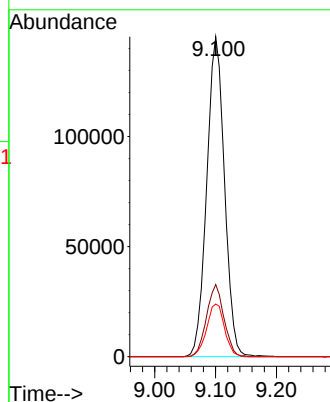
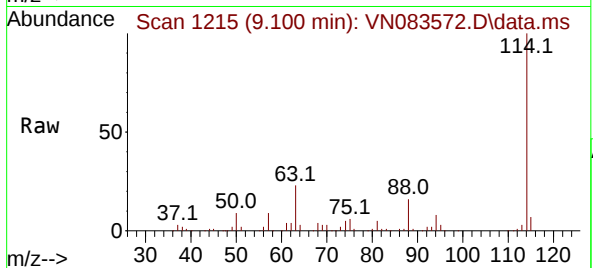




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

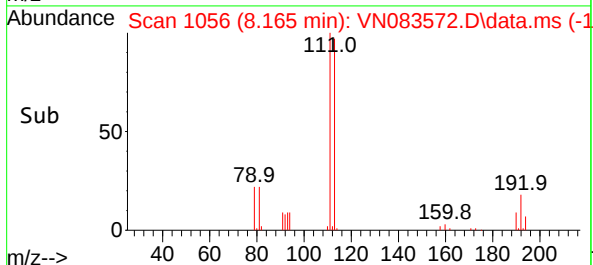
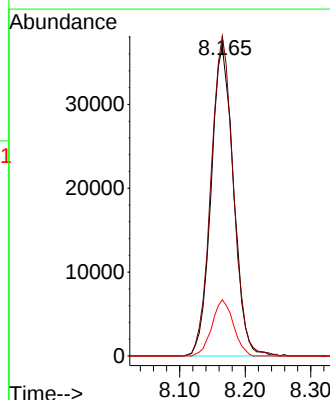
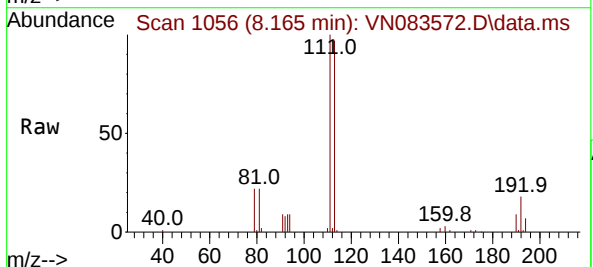
Instrument :
MSVOA_N
ClientSampleId :

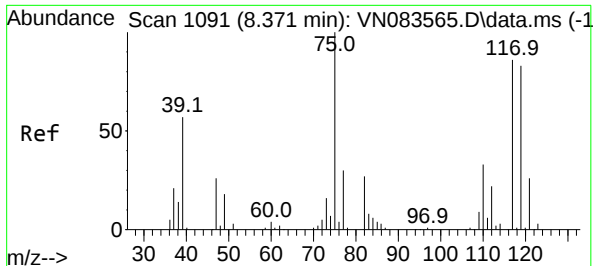
Tgt Ion:114 Resp: 294290
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion:113 Resp: 87449
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.4 14.3 21.5

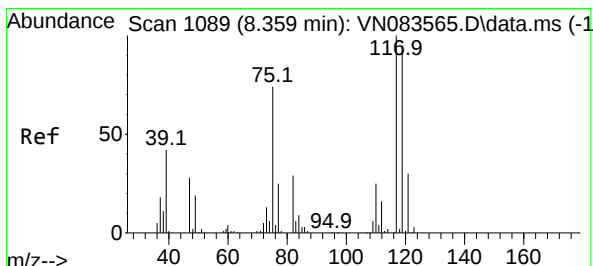
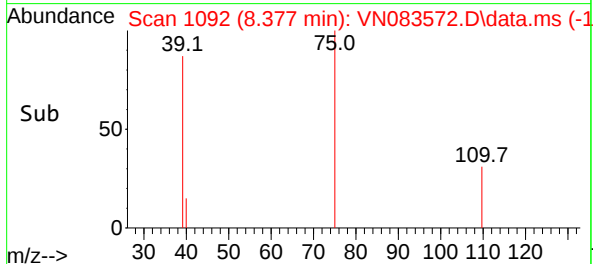
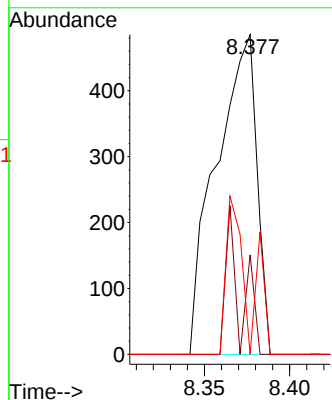
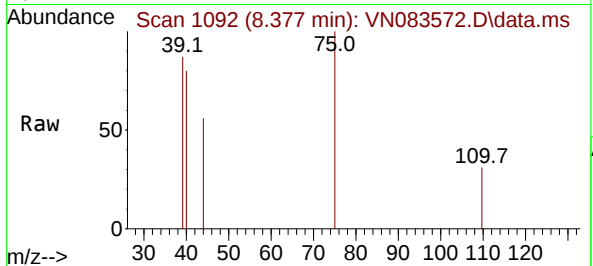




#36
 1,1-Dichloropropene
 Concen: 0.298 ug/l
 RT: 8.377 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

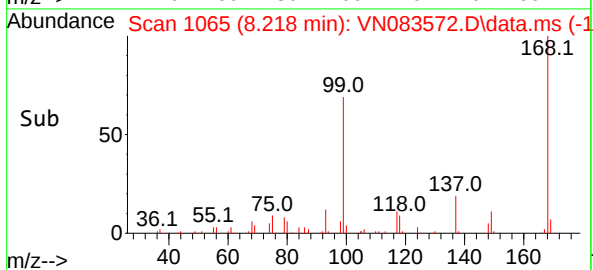
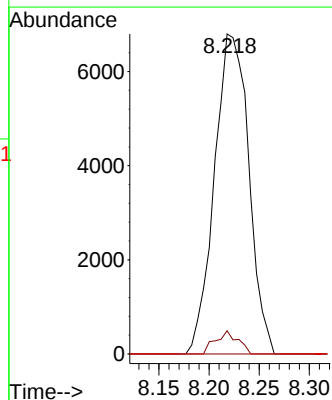
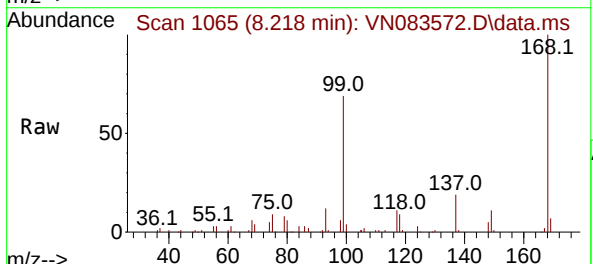
Instrument :
 MSVOA_N
 ClientSampleId :

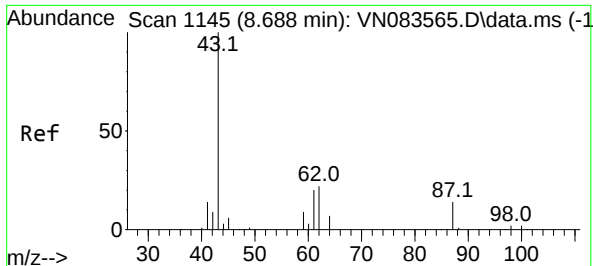
Tgt Ion: 75 Resp: 804
 Ion Ratio Lower Upper
 75 100
 110 16.5 16.7 50.1#
 77 26.7 25.2 37.8



#38
 Carbon Tetrachloride
 Concen: 5.247 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.141 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

Tgt Ion: 117 Resp: 16174
 Ion Ratio Lower Upper
 117 100
 119 7.3 76.1 114.1#
 121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.354 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.017 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

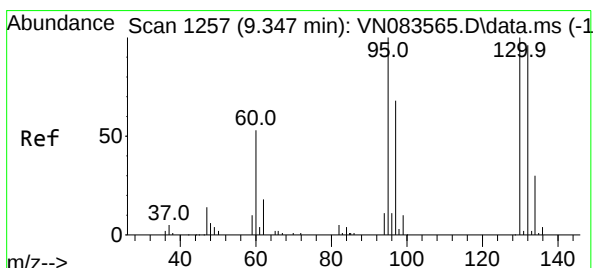
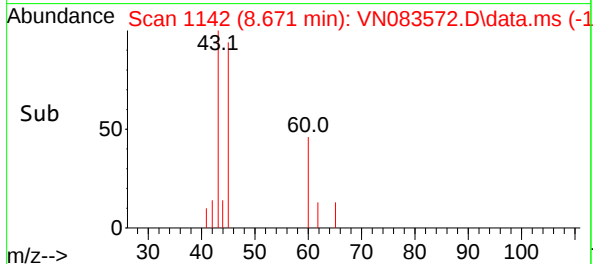
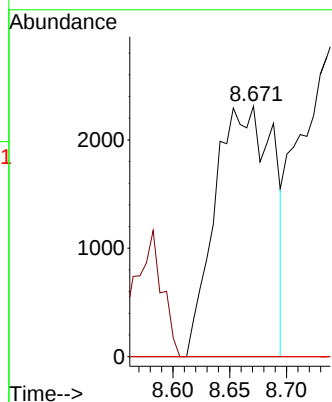
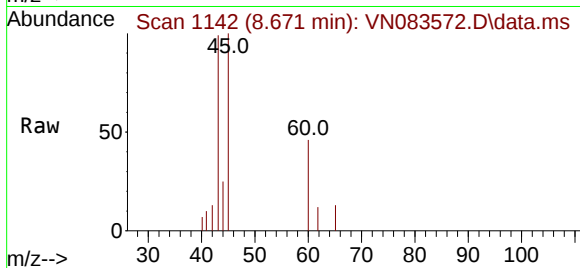
Tgt Ion: 43 Resp: 8238

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.414 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN083572.D

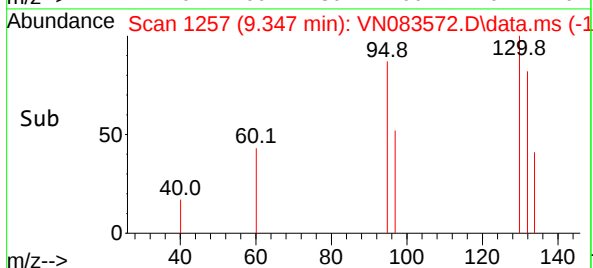
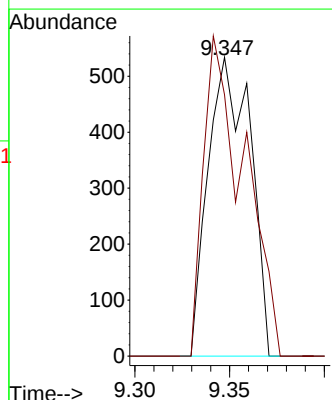
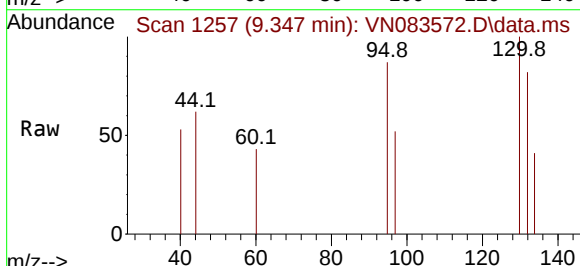
Acq: 30 Aug 2024 13:40

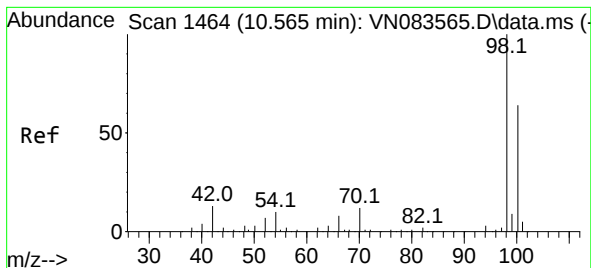
Tgt Ion:130 Resp: 827

Ion Ratio Lower Upper

130 100

95 87.5 0.0 200.4





#50

Toluene-d8

Concen: 45.292 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

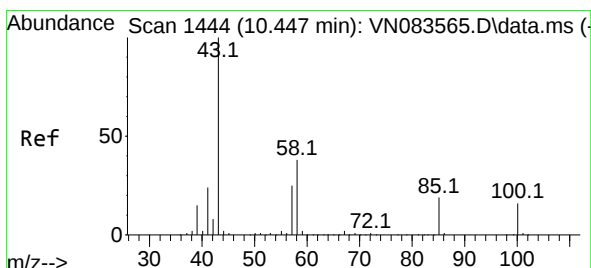
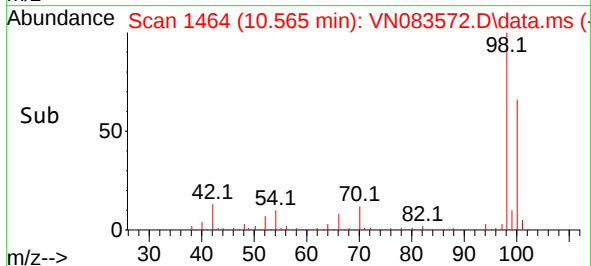
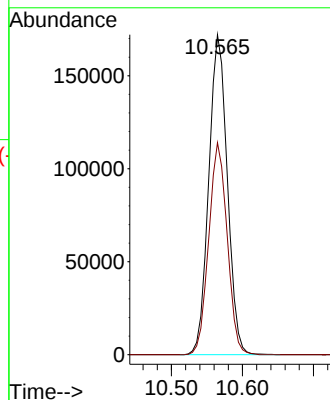
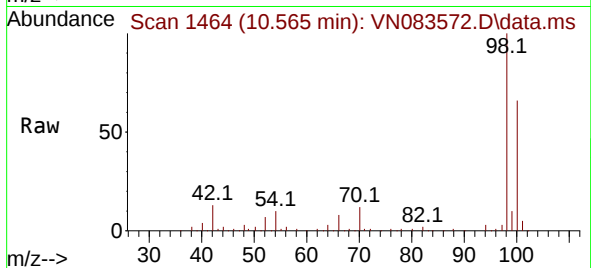
ClientSampleId :

Tgt Ion: 98 Resp: 312005

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.384 ug/l

RT: 10.435 min Scan# 1442

Delta R.T. -0.012 min

Lab File: VN083572.D

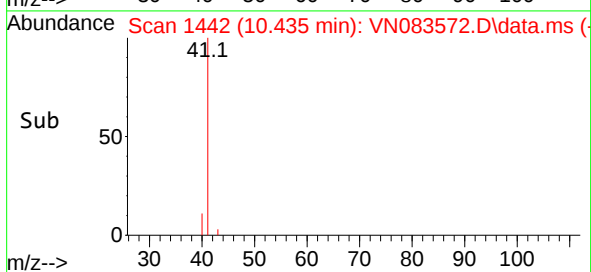
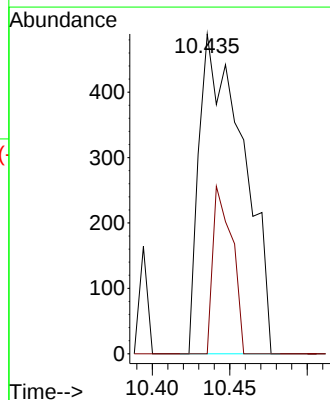
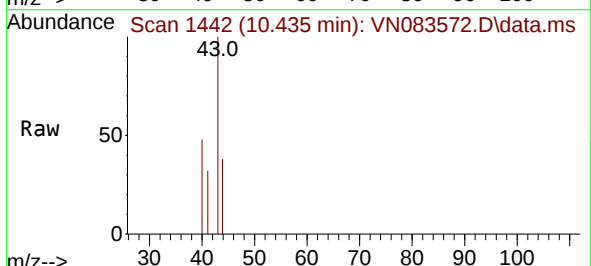
Acq: 30 Aug 2024 13:40

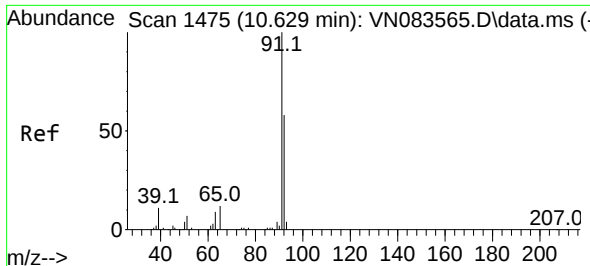
Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

58 23.0 31.6 47.4#

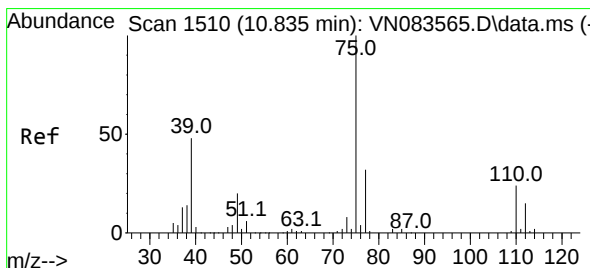
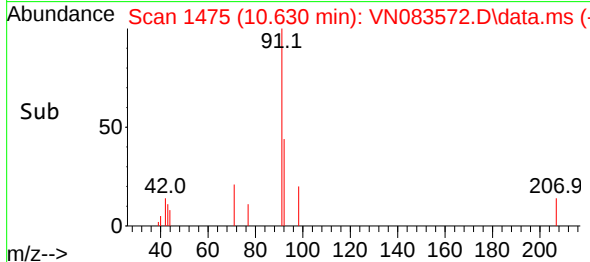
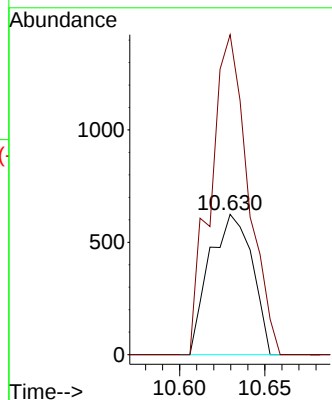
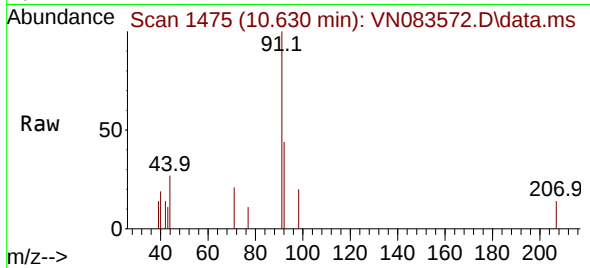




#52
Toluene
Concen: 0.210 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

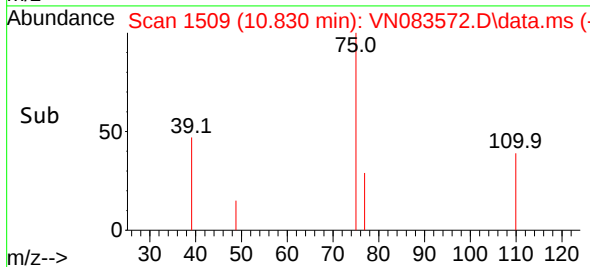
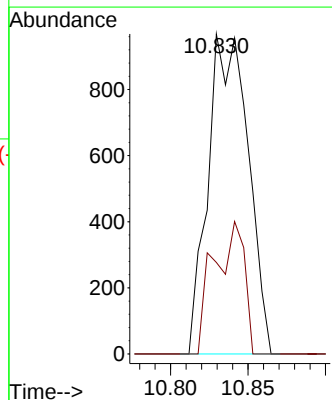
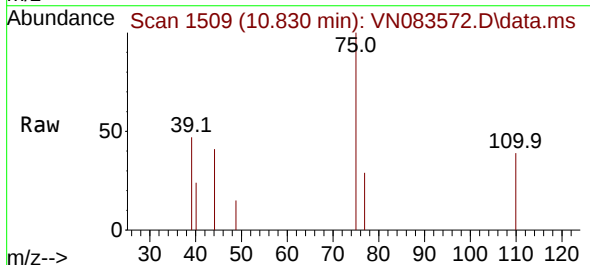
Instrument :
MSVOA_N
ClientSampleId :

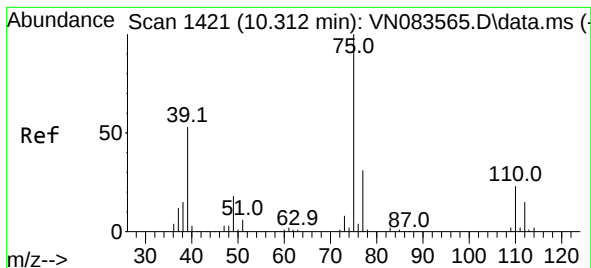
Tgt Ion: 92 Resp: 1090
Ion Ratio Lower Upper
92 100
91 201.4 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.552 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 75 Resp: 1736
Ion Ratio Lower Upper
75 100
77 28.6 25.8 38.6

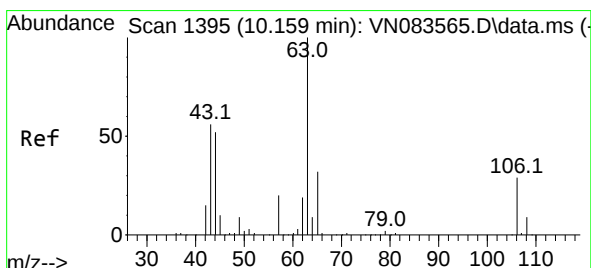
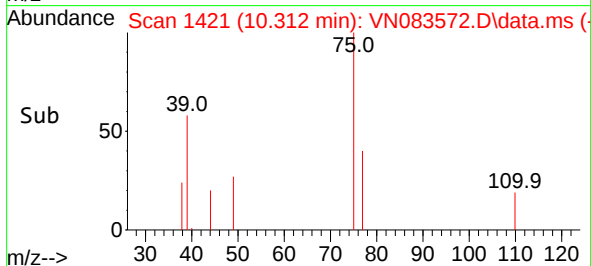
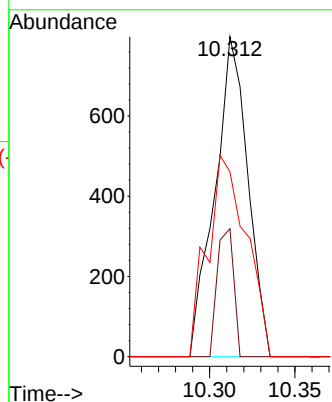
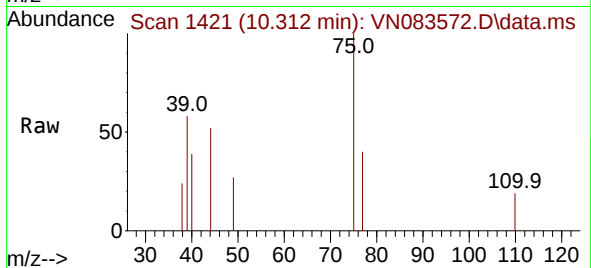




#54
 cis-1,3-Dichloropropene
 Concen: 0.326 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

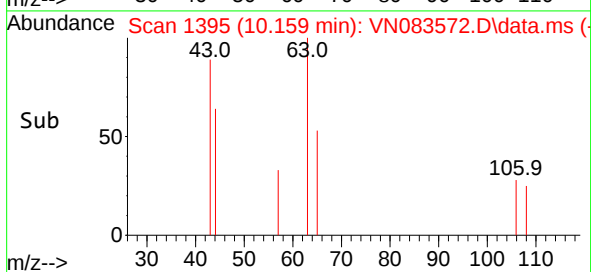
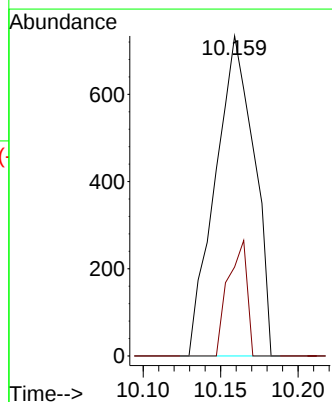
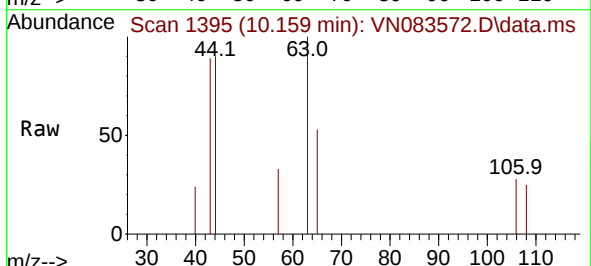
Instrument :
 MSVOA_N
 ClientSampleId :

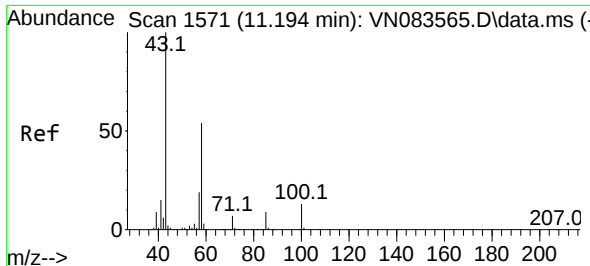
Tgt Ion: 75 Resp: 1076
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.0 37.6#
 39 57.8 42.6 64.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.958 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

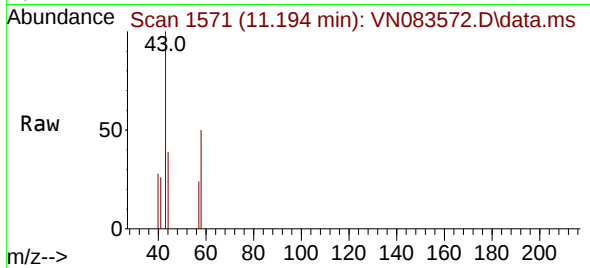
Tgt Ion: 63 Resp: 1277
 Ion Ratio Lower Upper
 63 100
 106 17.6 23.3 34.9#



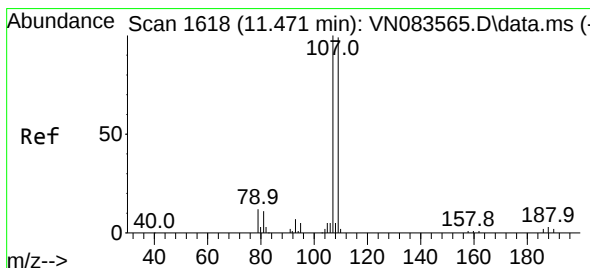
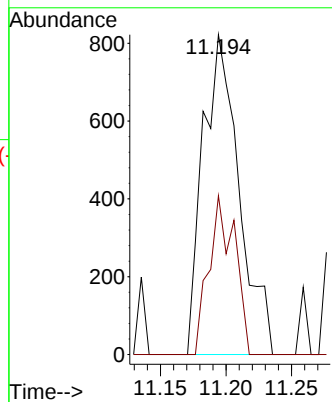
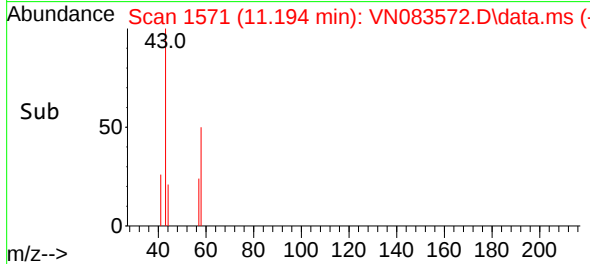


#59
2-Hexanone
Concen: 0.842 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Instrument :
MSVOA_N
ClientSampleId :

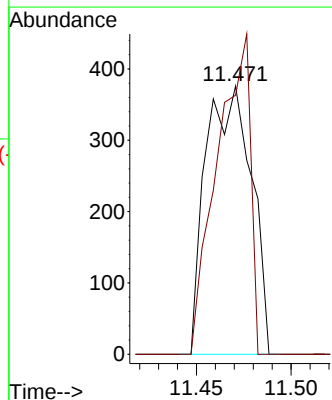
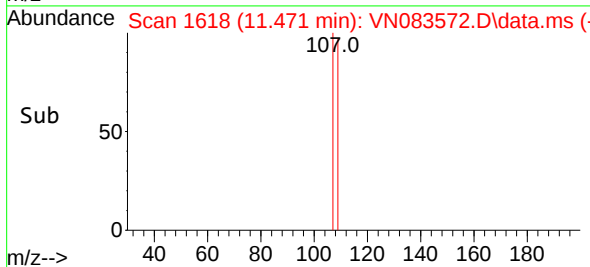
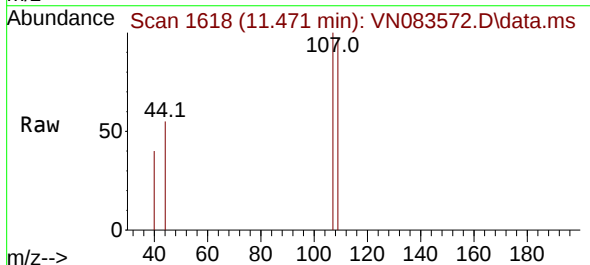


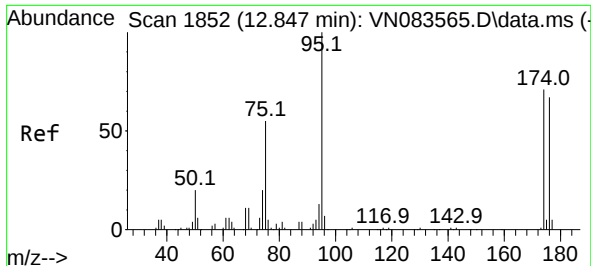
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 35.4 27.2 81.5



#61
1,2-Dibromoethane
Concen: 0.332 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 107 Resp: 629
Ion Ratio Lower Upper
107 100
109 86.6 75.6 113.4

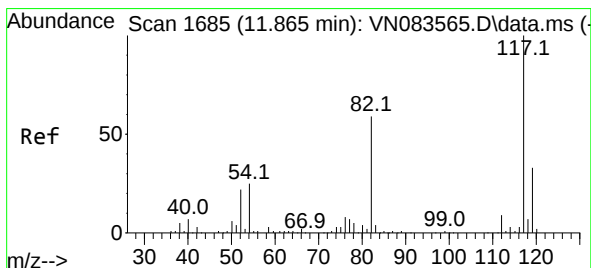
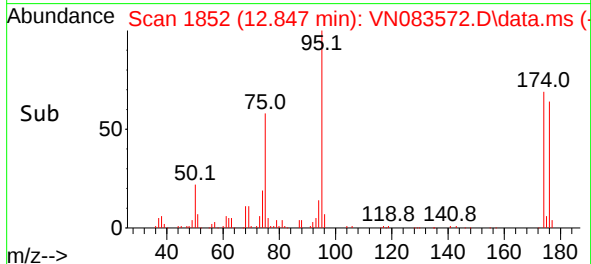
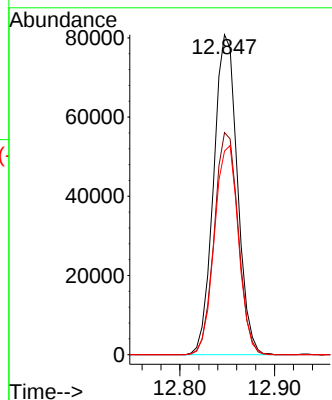
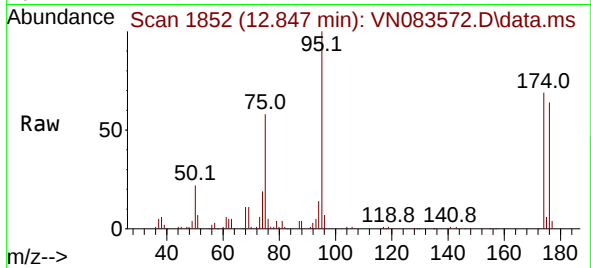




#62
4-Bromofluorobenzene
Concen: 55.055 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

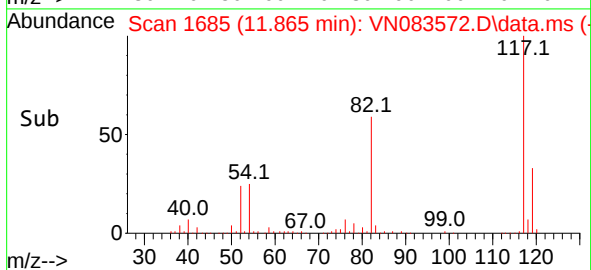
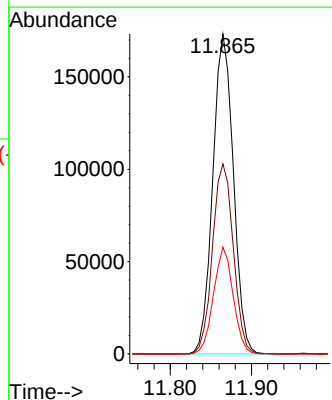
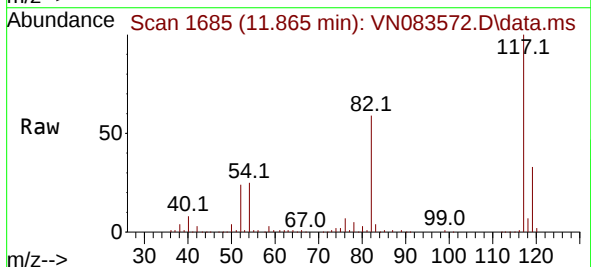
Instrument :
MSVOA_N
ClientSampleId :

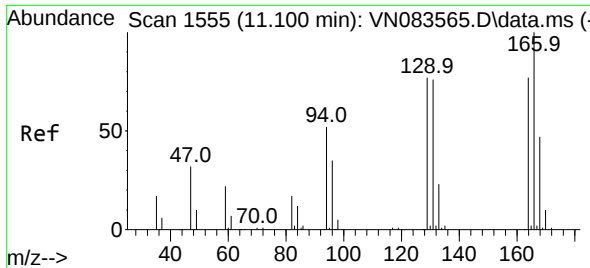
Tgt Ion: 95 Resp: 140677
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 66.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

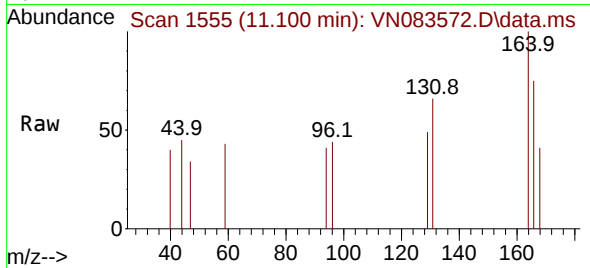
Tgt Ion: 117 Resp: 305322
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 33.4 26.3 39.5



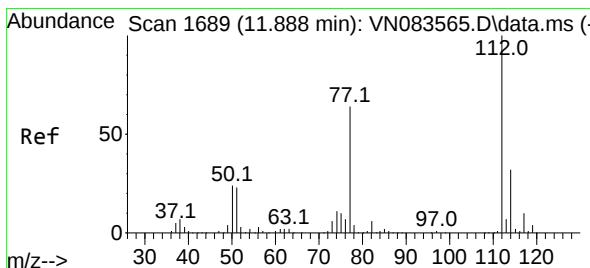
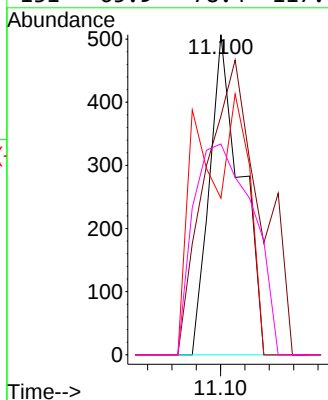
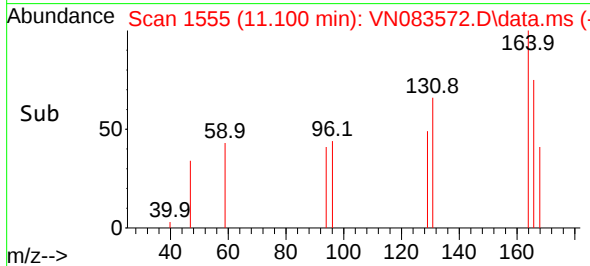


#64
Tetrachloroethene
Concen: 0.226 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Instrument :
MSVOA_N
ClientSampleId :

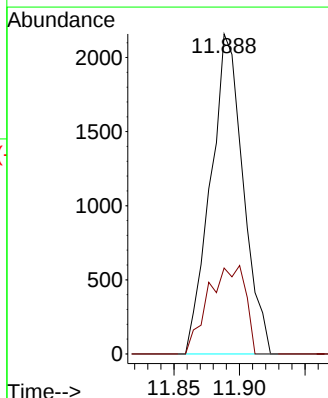
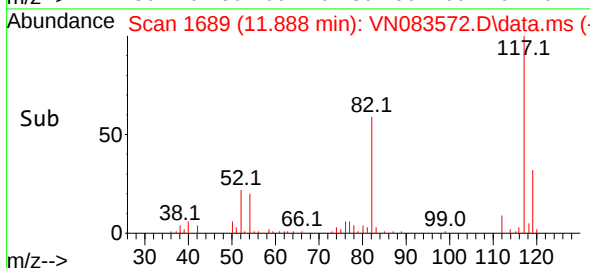
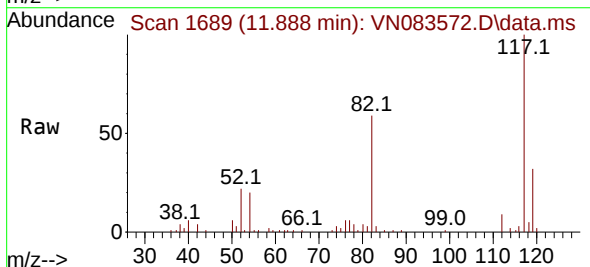


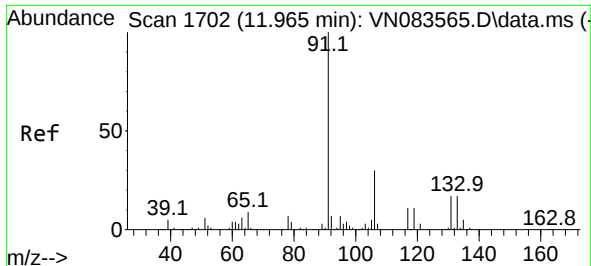
Tgt Ion:164 Resp: 454
Ion Ratio Lower Upper
164 100
166 74.6 103.7 155.5#
129 48.9 79.9 119.9#
131 65.9 78.4 117.6#



#65
Chlorobenzene
Concen: 0.545 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion:112 Resp: 3731
Ion Ratio Lower Upper
112 100
114 26.9 25.7 38.5

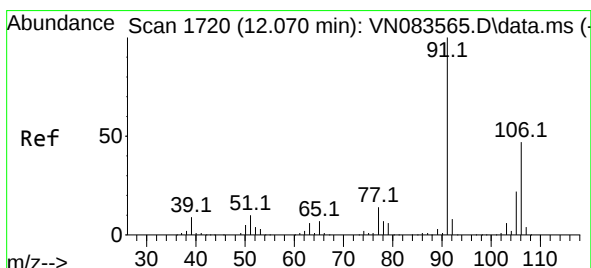
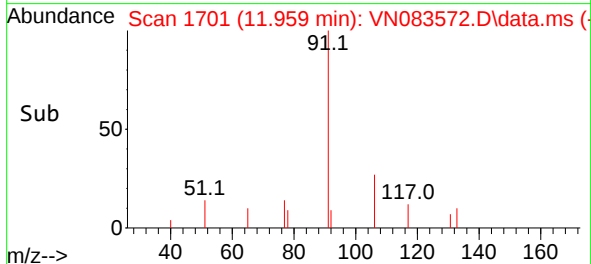
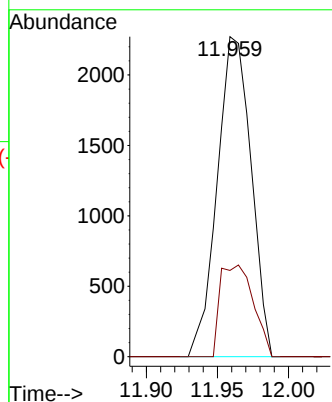
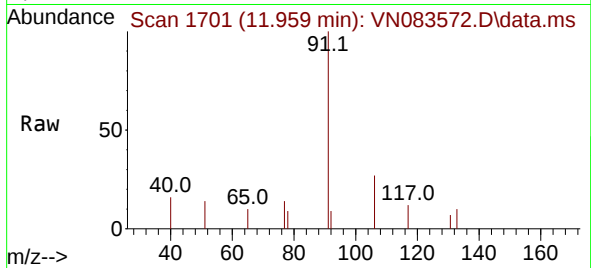




#67
Ethyl Benzene
Concen: 0.309 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

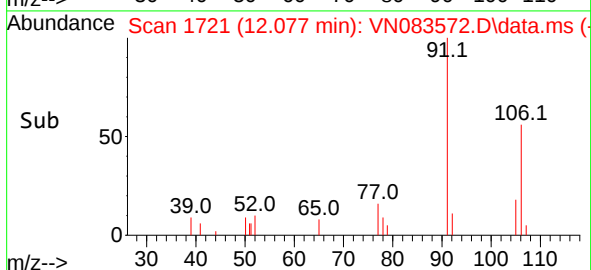
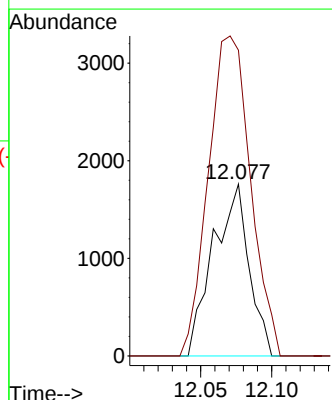
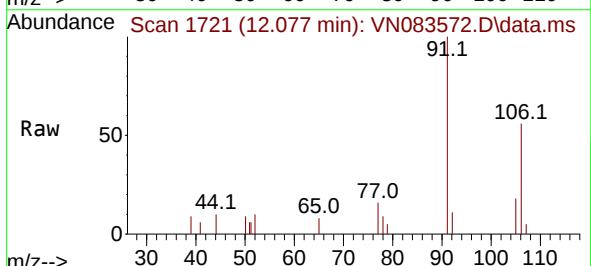
Instrument :
MSVOA_N
ClientSampleId :

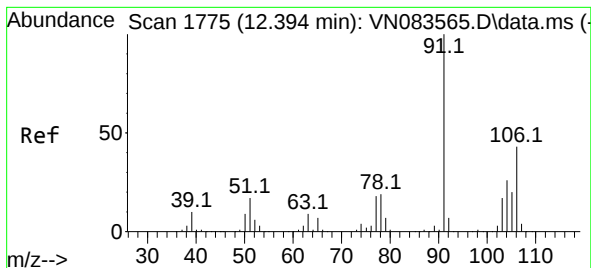
Tgt Ion: 91 Resp: 3775
Ion Ratio Lower Upper
91 100
106 26.9 24.3 36.5



#68
m/p-Xylenes
Concen: 0.671 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 106 Resp: 3089
Ion Ratio Lower Upper
106 100
91 219.4 169.2 253.8





#69

o-Xylene

Concen: 0.242 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

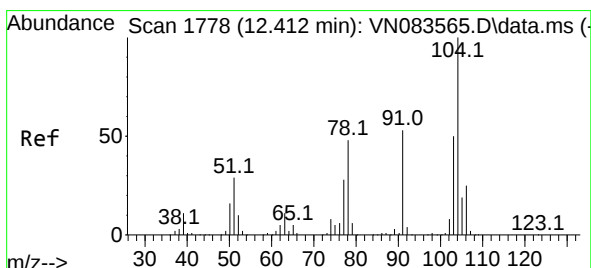
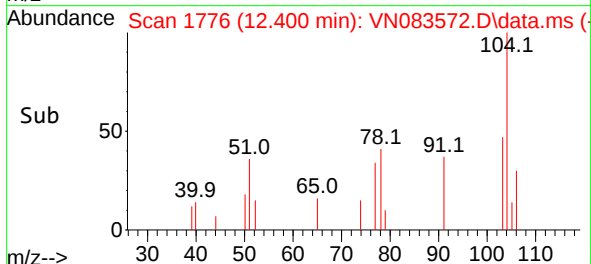
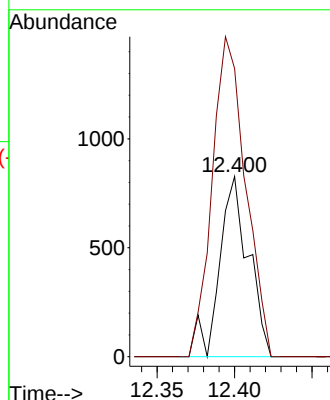
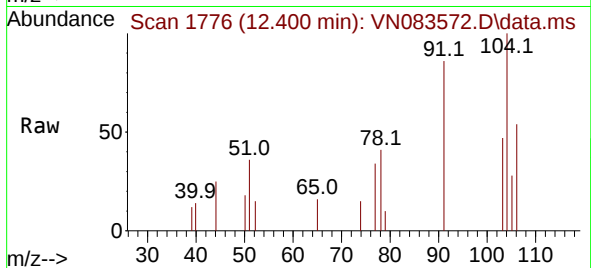
ClientSampleId :

Tgt Ion:106 Resp: 1078

Ion Ratio Lower Upper

106 100

91 204.5 112.9 338.6



#70

Styrene

Concen: 0.568 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

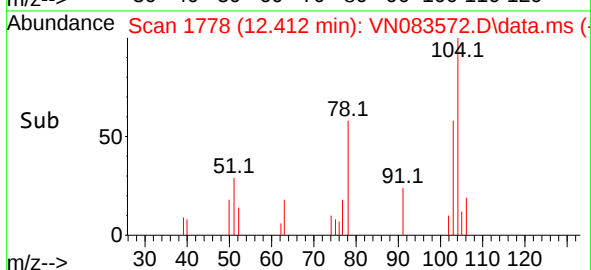
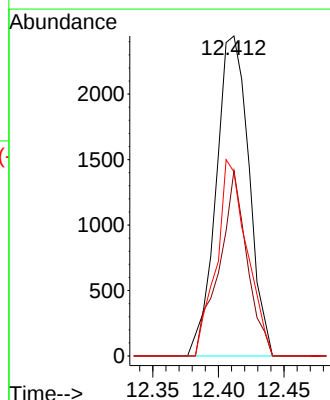
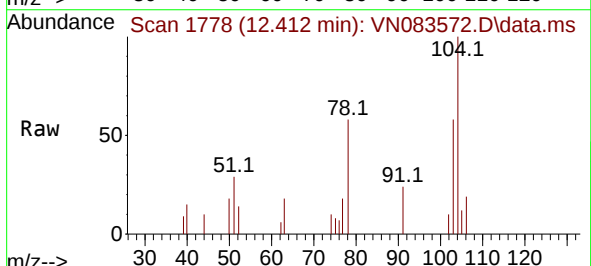
Tgt Ion:104 Resp: 4247

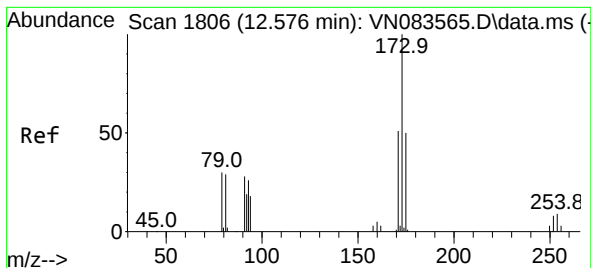
Ion Ratio Lower Upper

104 100

78 49.2 43.3 64.9

103 57.0 43.4 65.2





#71

Bromoform

Concen: 0.233 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

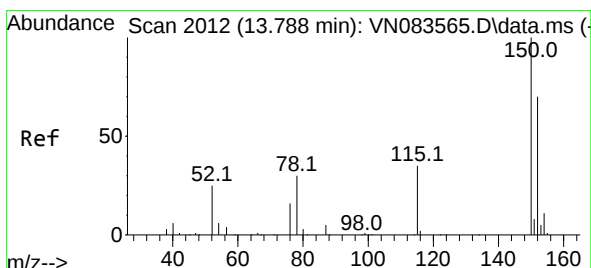
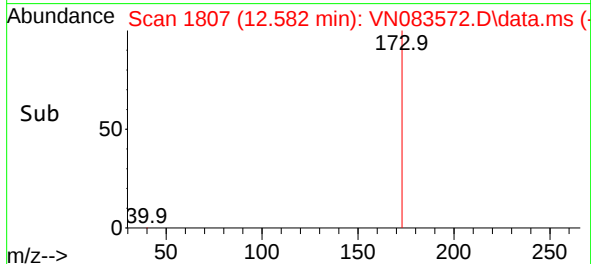
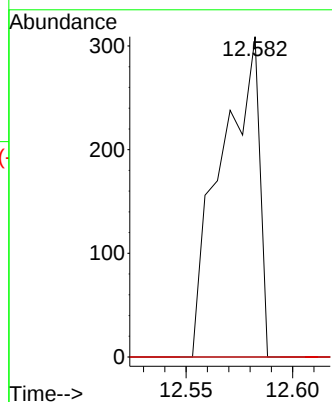
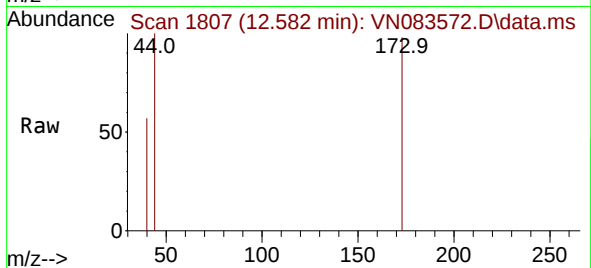
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 384

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: 13.794 min Scan# 2013

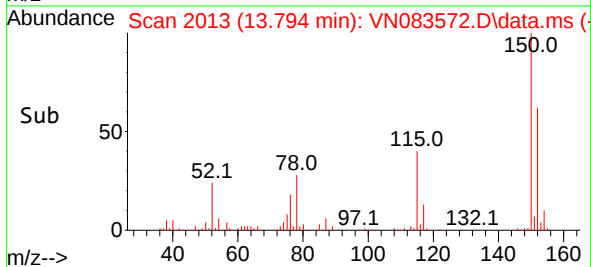
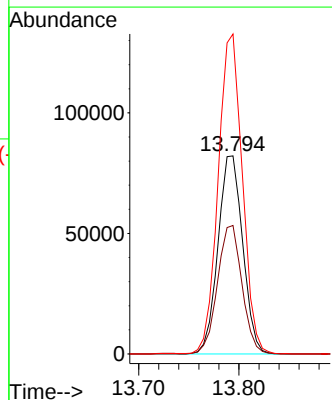
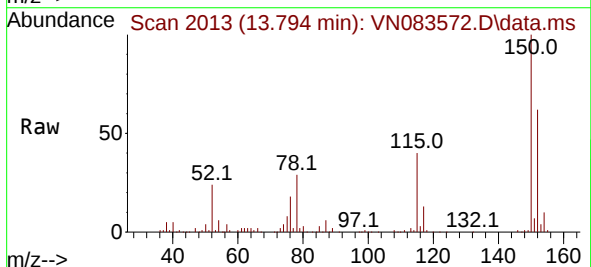
Delta R.T. 0.006 min

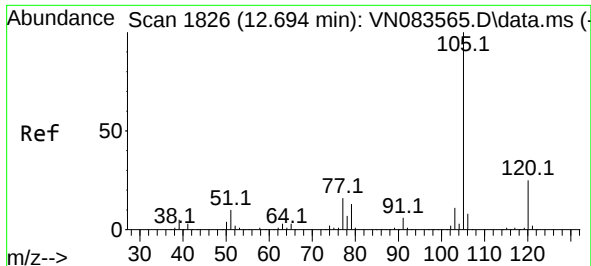
Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Tgt Ion:152 Resp: 140623

Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.2	96.6
150	158.1	0.0	348.6

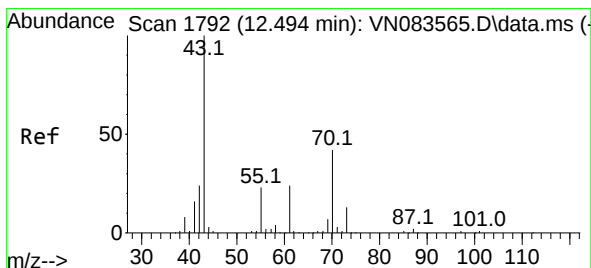
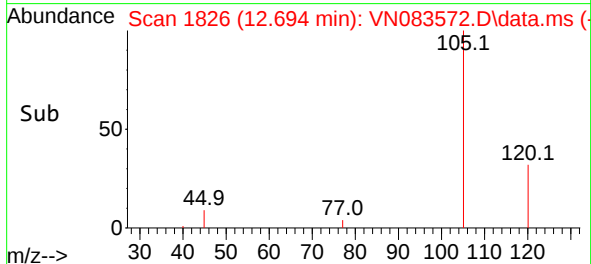
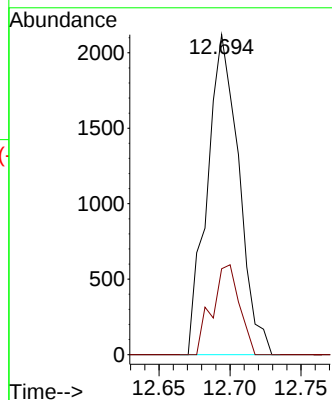
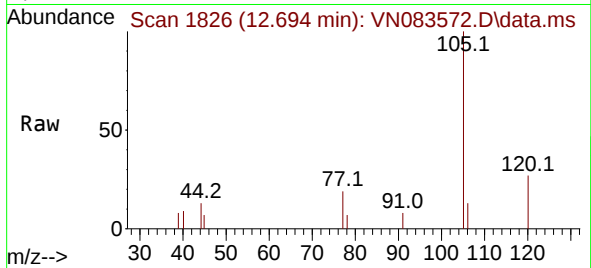




#73
Isopropylbenzene
Concen: 0.289 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

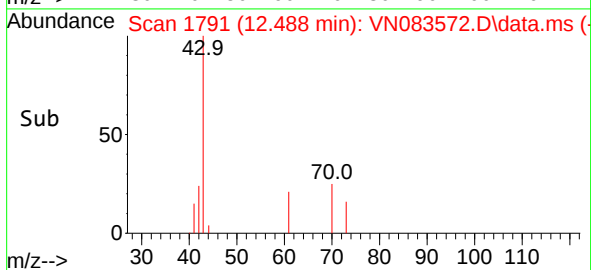
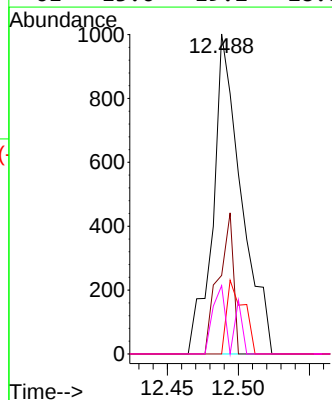
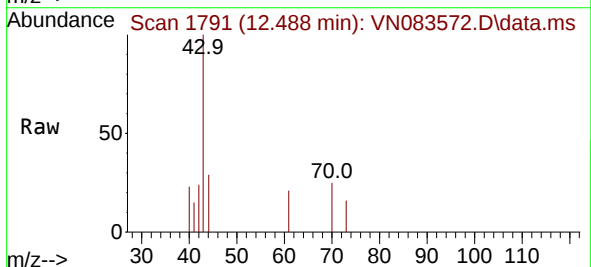
Instrument :
MSVOA_N
ClientSampleId :

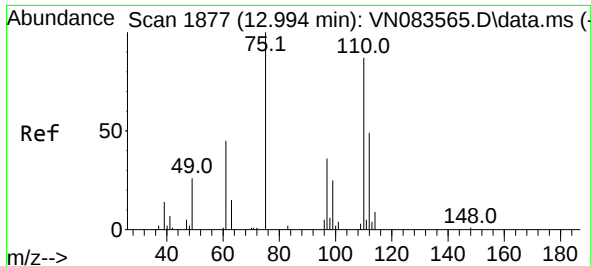
Tgt Ion:105 Resp: 3289
Ion Ratio Lower Upper
105 100
120 24.1 12.6 37.8



#74
N-ethyl acetate
Concen: 0.279 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
70 23.1 34.5 51.7#
55 13.8 18.6 28.0#
61 13.6 19.2 28.8#

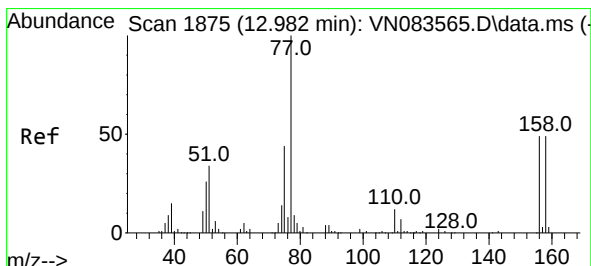
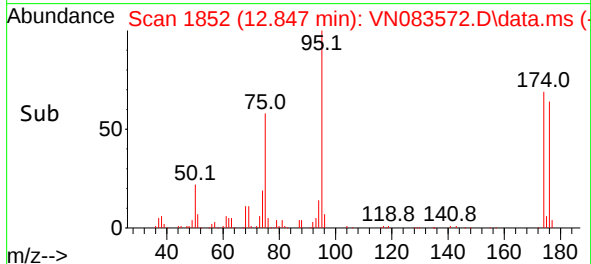
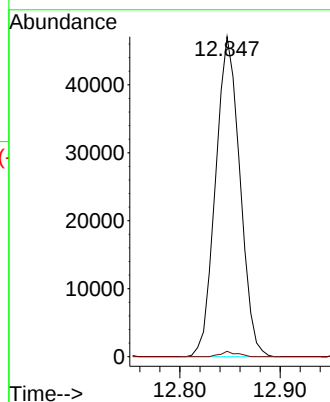
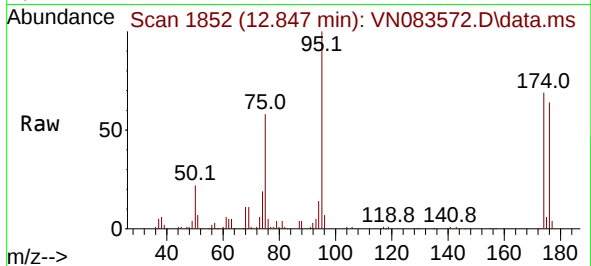




#76
1,2,3-Trichloropropane
Concen: 27.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

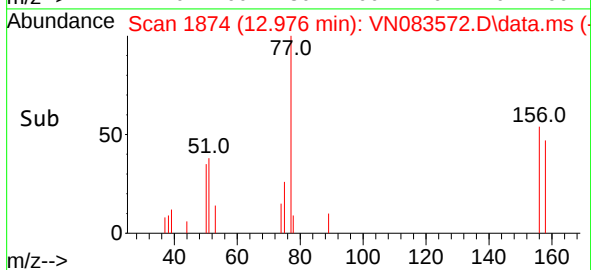
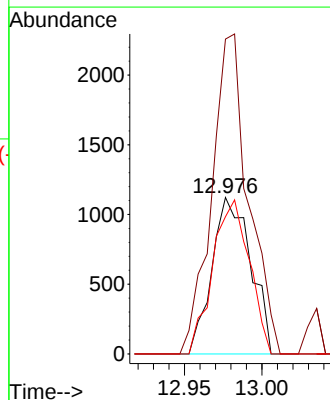
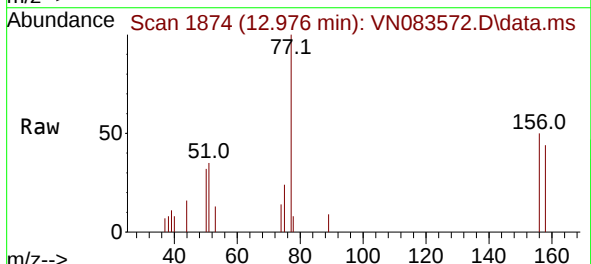
Instrument :
MSVOA_N
ClientSampleId :

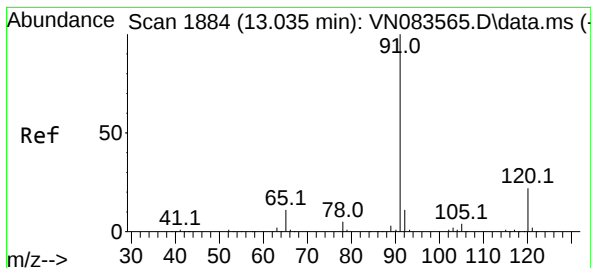
Tgt Ion: 75 Resp: 79365
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#



#77
Bromobenzene
Concen: 0.730 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion:156 Resp: 1949
Ion Ratio Lower Upper
156 100
77 194.4 114.3 343.1
158 93.2 48.9 146.7





#78

n-propylbenzene

Concen: 0.590 ug/l

RT: 13.041 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

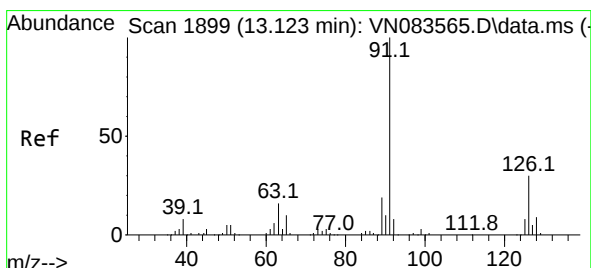
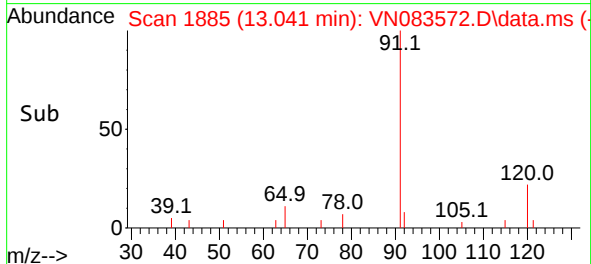
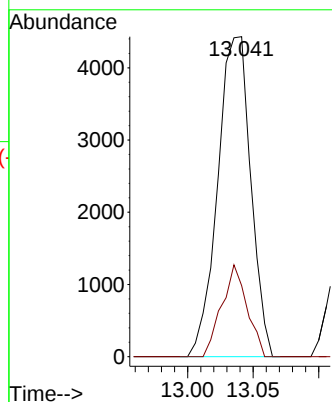
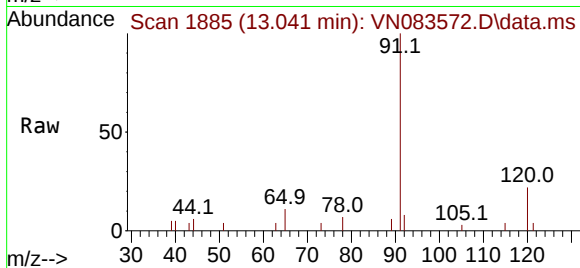
ClientSampleId :

Tgt Ion: 91 Resp: 7769

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0



#79

2-Chlorotoluene

Concen: 0.505 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN083572.D

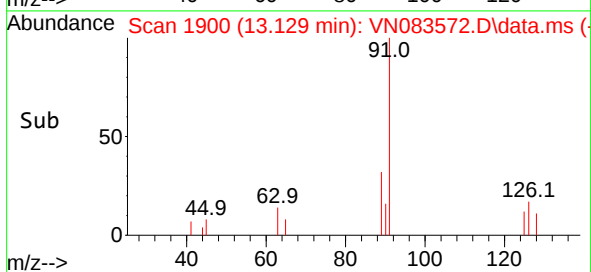
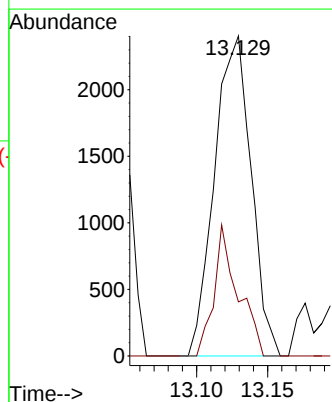
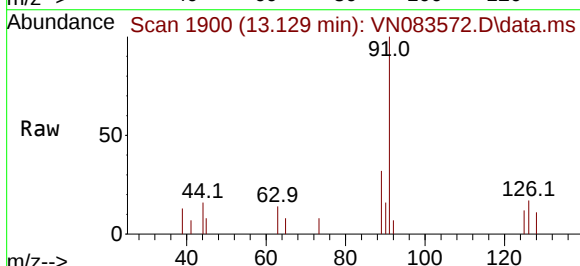
Acq: 30 Aug 2024 13:40

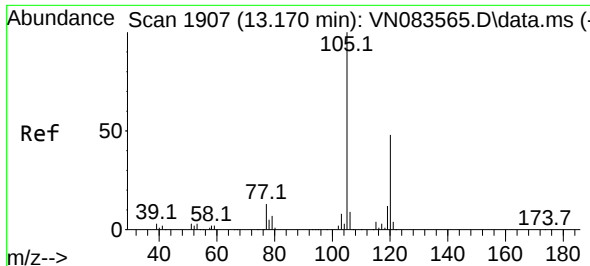
Tgt Ion: 91 Resp: 4308

Ion Ratio Lower Upper

91 100

126 26.8 15.4 46.2

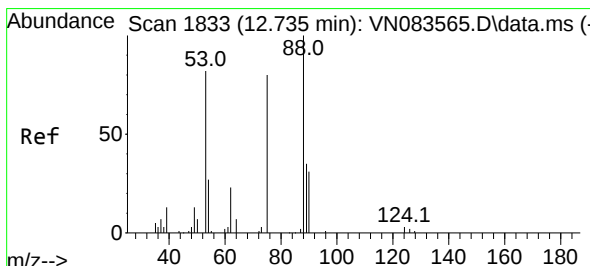
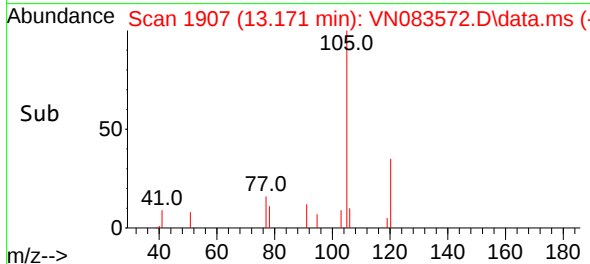
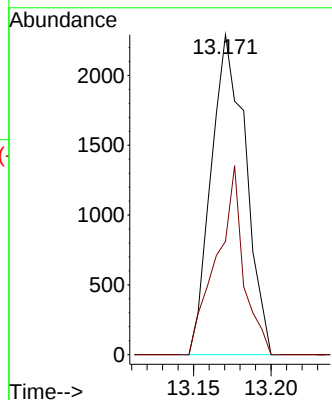
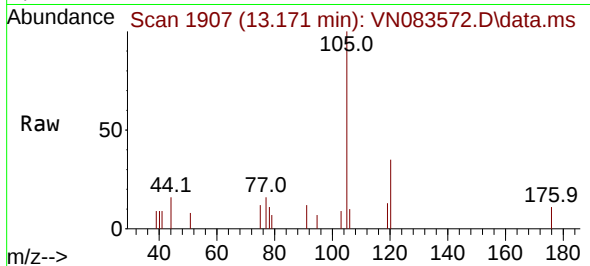




#80
 1,3,5-Trimethylbenzene
 Concen: 0.369 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

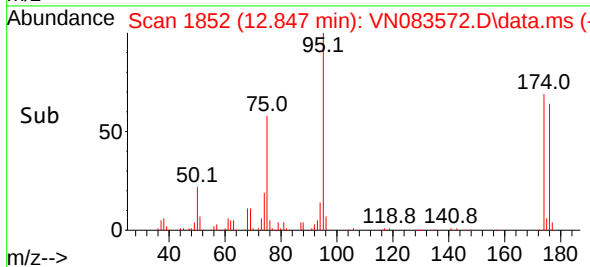
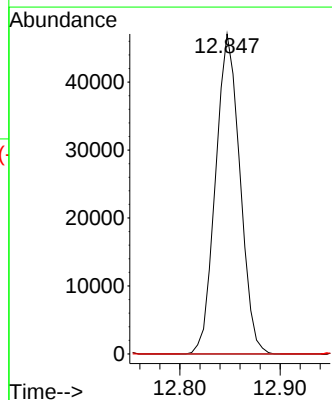
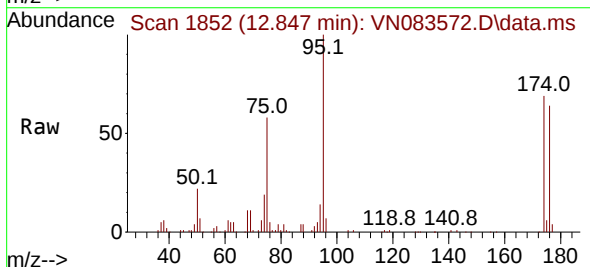
Instrument :
 MSVOA_N
 ClientSampleId :

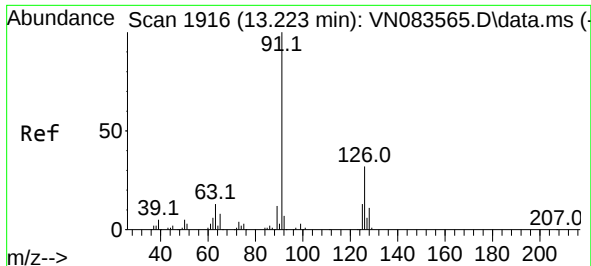
Tgt Ion:105 Resp: 3538
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.931 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

Tgt Ion: 75 Resp: 79365
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

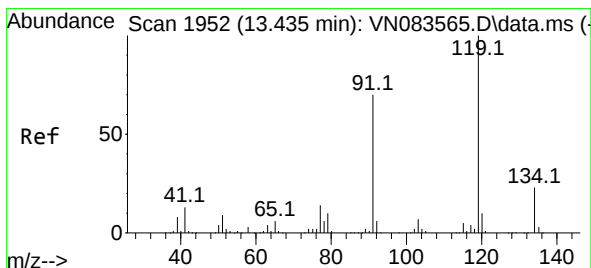
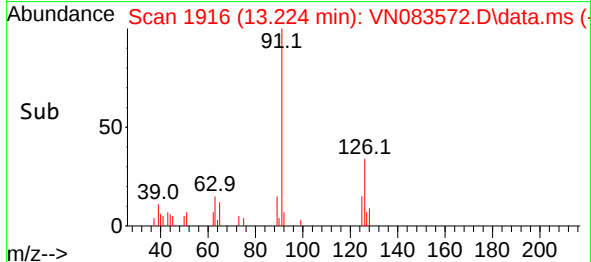
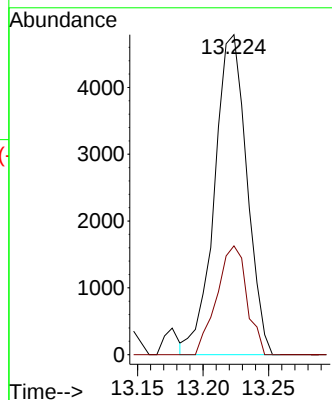
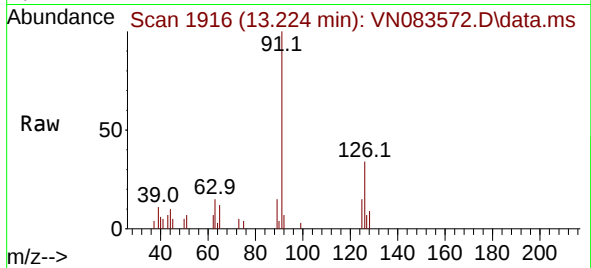




#82
4-Chlorotoluene
Concen: 0.949 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

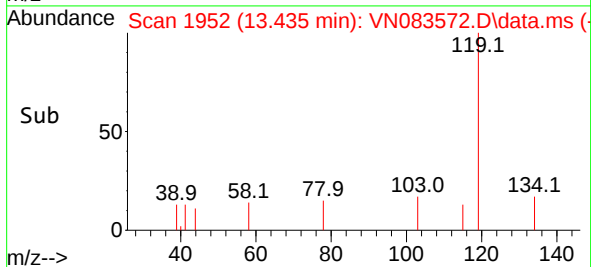
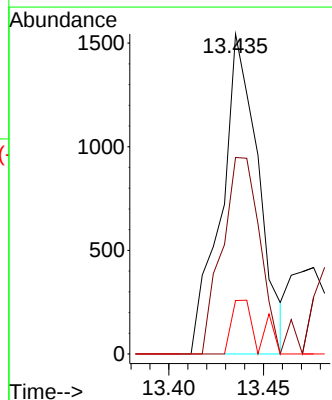
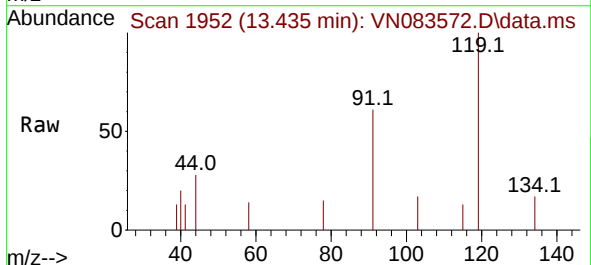
Instrument :
MSVOA_N
ClientSampleId :

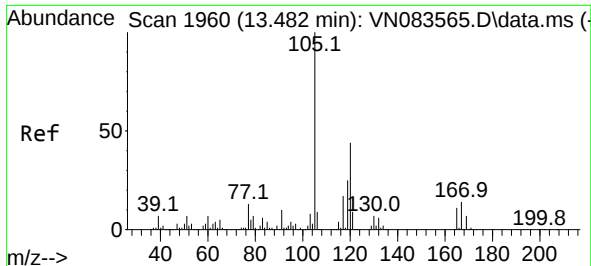
Tgt Ion: 91 Resp: 8221
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2



#83
tert-Butylbenzene
Concen: 0.248 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion: 119 Resp: 2114
Ion Ratio Lower Upper
119 100
91 61.6 34.5 103.6
134 11.9 12.8 38.4#

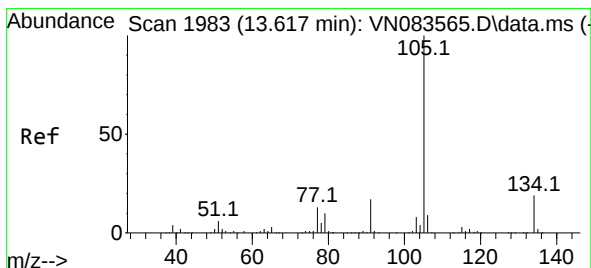
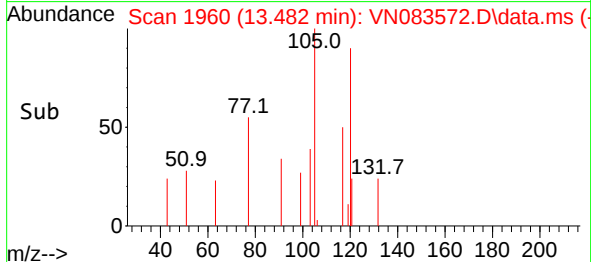
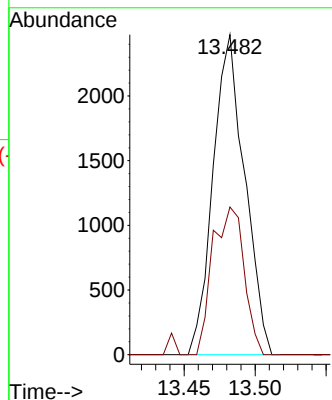
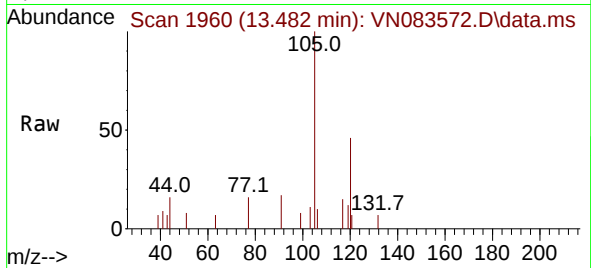




#84
1,2,4-Trimethylbenzene
Concen: 0.397 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

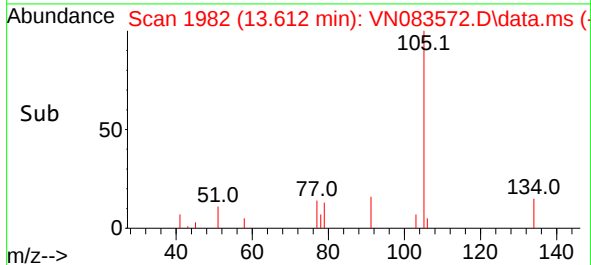
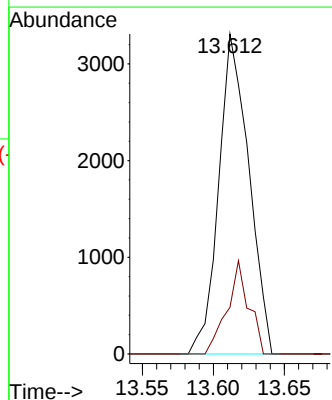
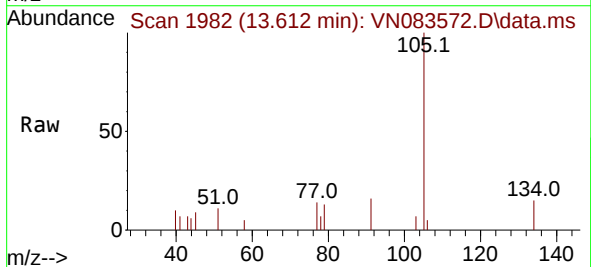
Instrument :
MSVOA_N
ClientSampleId :

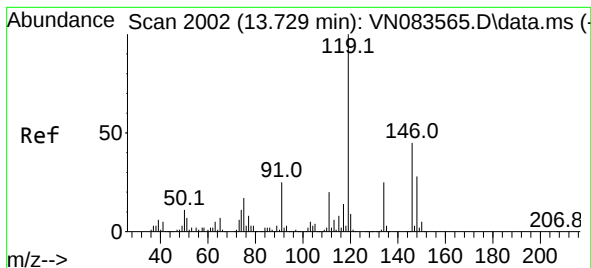
Tgt Ion:105 Resp: 3833
Ion Ratio Lower Upper
105 100
120 46.0 21.8 65.4



#85
sec-Butylbenzene
Concen: 0.430 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

Tgt Ion:105 Resp: 4877
Ion Ratio Lower Upper
105 100
134 20.8 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.456 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083572.D

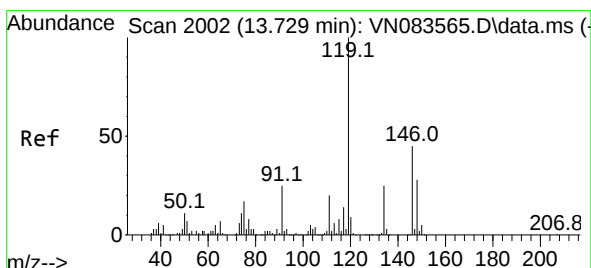
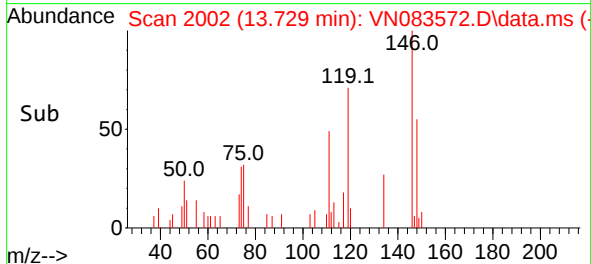
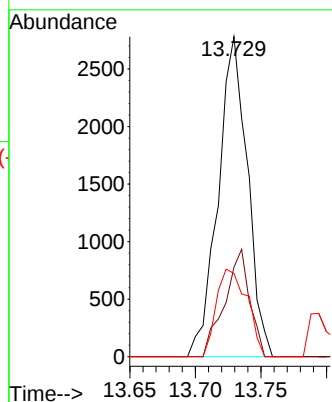
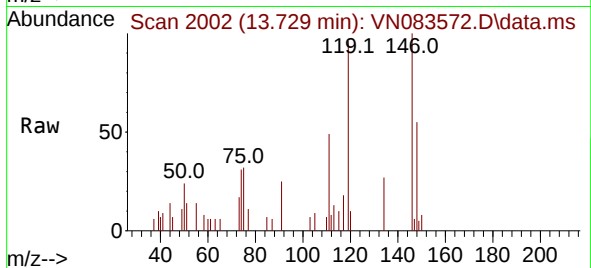
Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	4313
Ion	Ratio	Lower	Upper
119	100		
134	28.6	12.8	38.3
91	28.7	12.9	38.7



#87

1,3-Dichlorobenzene

Concen: 1.053 ug/l

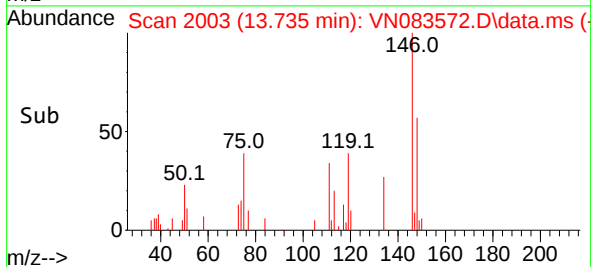
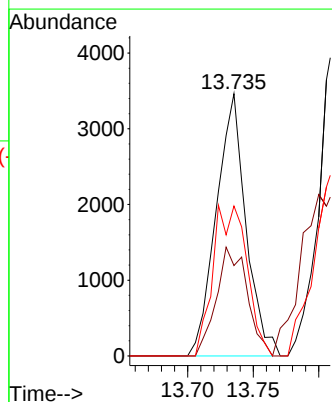
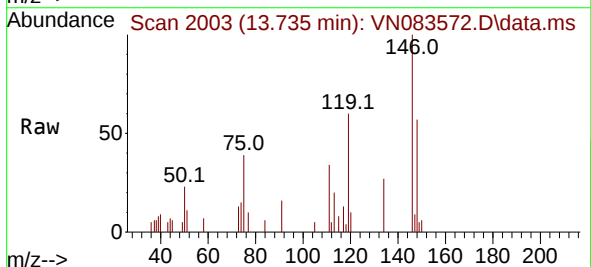
RT: 13.735 min Scan# 2003

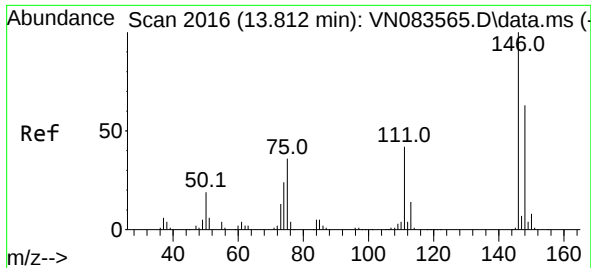
Delta R.T. 0.006 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Tgt Ion:	146	Resp:	5456
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	65.5	31.7	95.1

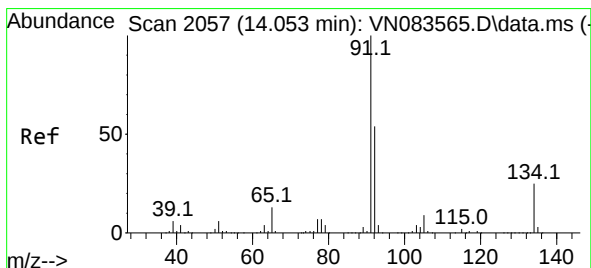
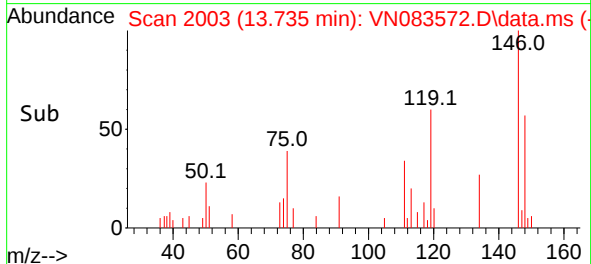
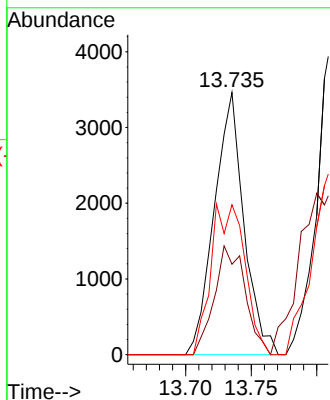
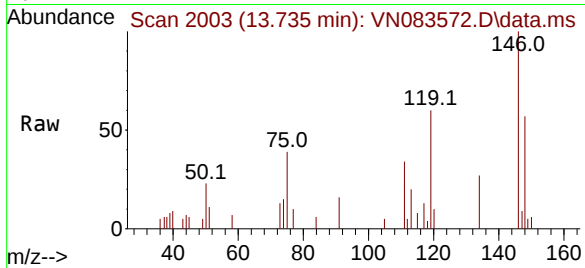




#88
1,4-Dichlorobenzene
Concen: 1.024 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

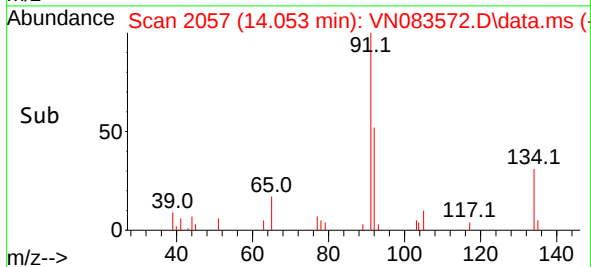
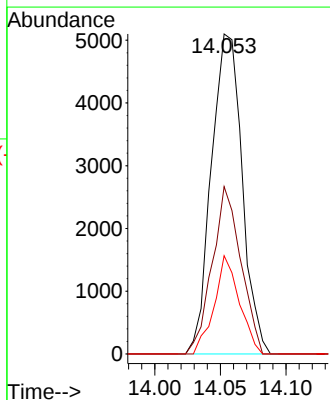
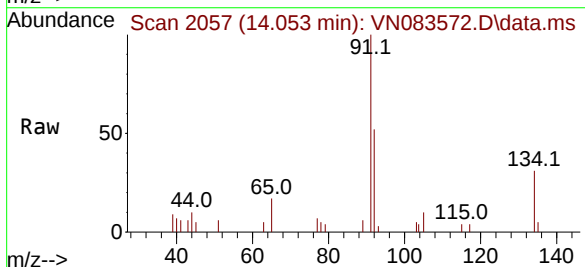
Instrument :
MSVOA_N
ClientSampleId :

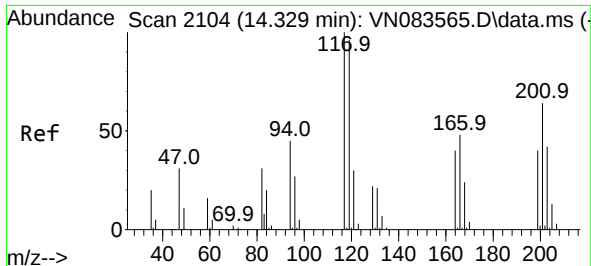
Tgt Ion:146 Resp: 5456
Ion Ratio Lower Upper
146 100
111 43.0 21.3 64.0
148 65.5 32.0 96.2



#89
n-Butylbenzene
Concen: 0.998 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

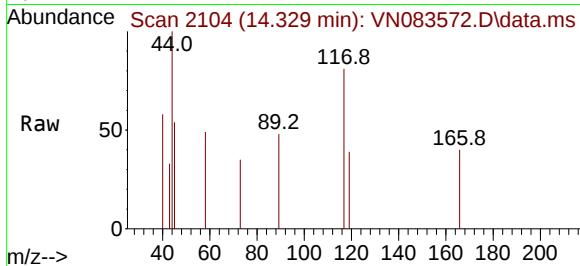
Tgt Ion: 91 Resp: 8304
Ion Ratio Lower Upper
91 100
92 48.9 26.7 80.1
134 25.1 12.2 36.4



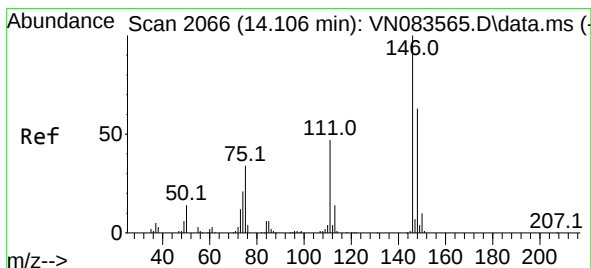
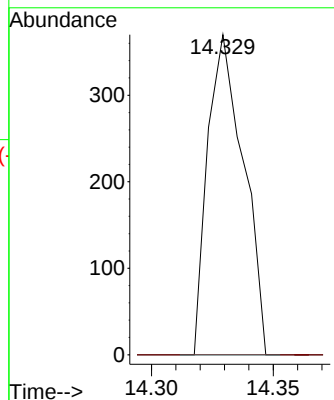


#90
Hexachloroethane
Concen: 0.205 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40

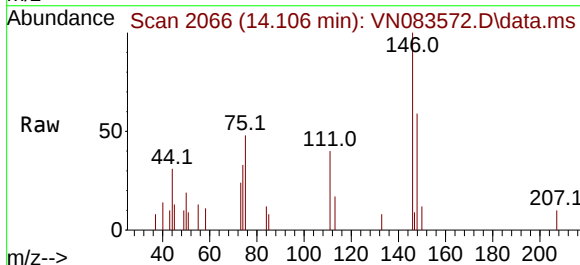
Instrument :
MSVOA_N
ClientSampleId :



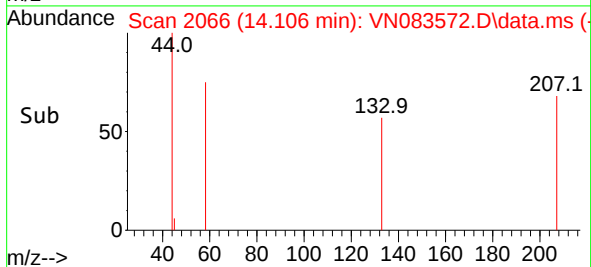
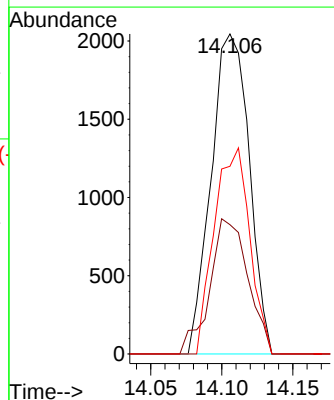
Tgt Ion:117 Resp: 378
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.3#

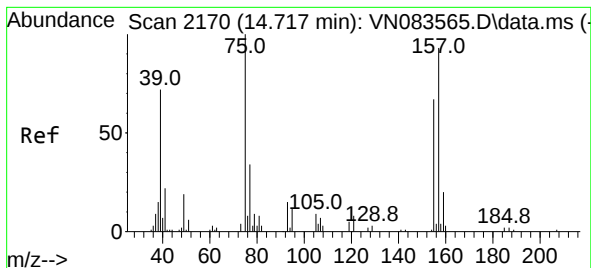


#91
1,2-Dichlorobenzene
Concen: 0.764 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083572.D
Acq: 30 Aug 2024 13:40



Tgt Ion:146 Resp: 3812
Ion Ratio Lower Upper
146 100
111 42.2 22.8 68.3
148 60.1 32.1 96.5

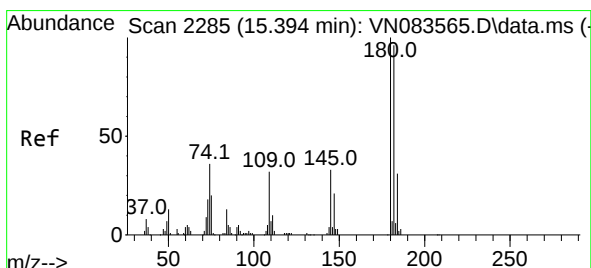
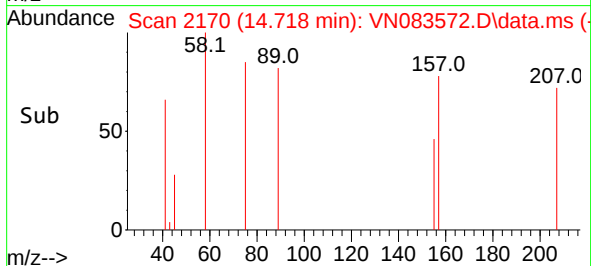
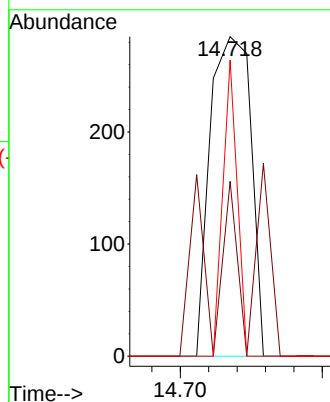
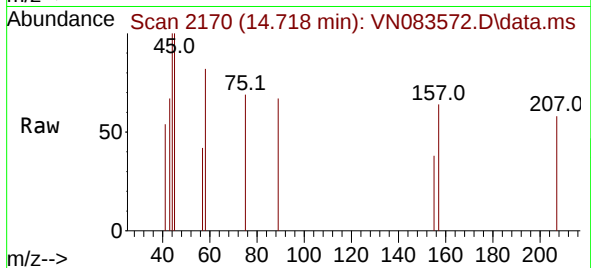




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.404 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

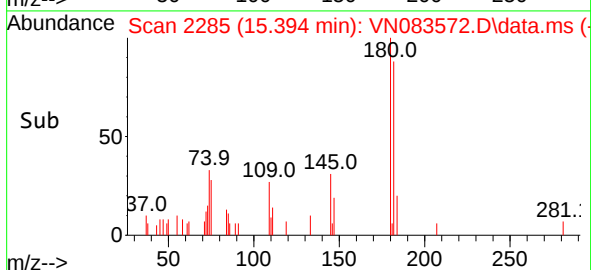
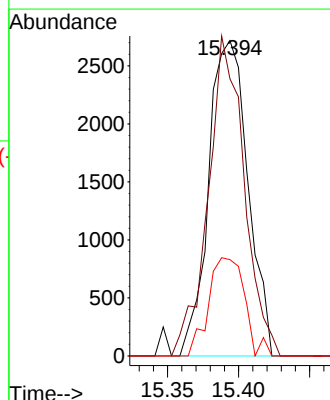
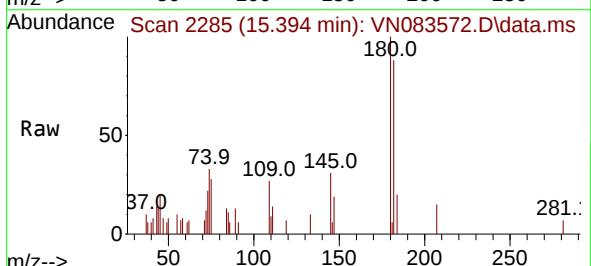
Instrument :
 MSVOA_N
 ClientSampleId :

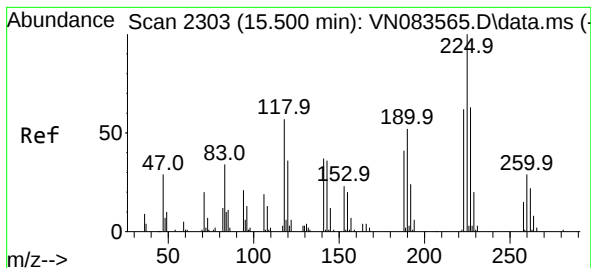
Tgt Ion: 75 Resp: 283
 Ion Ratio Lower Upper
 75 100
 155 41.0 35.9 107.7
 157 32.9 47.5 142.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.849 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

Tgt Ion: 180 Resp: 5233
 Ion Ratio Lower Upper
 180 100
 182 92.7 48.1 144.3
 145 28.5 16.9 50.7





#94

Hexachlorobutadiene

Concen: 1.051 ug/l

RT: 15.494 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

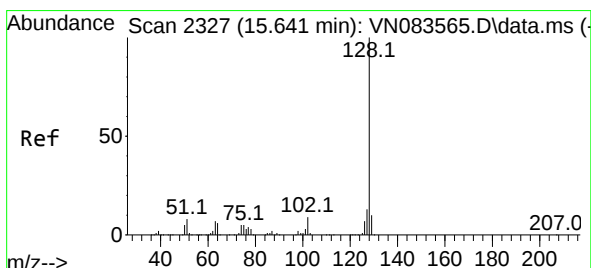
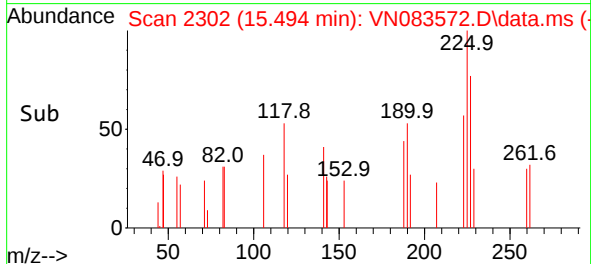
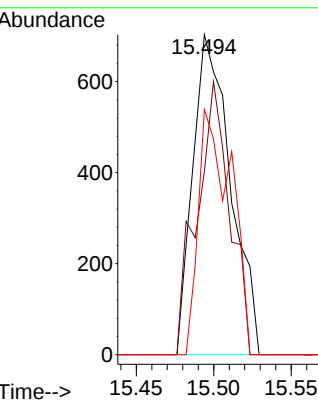
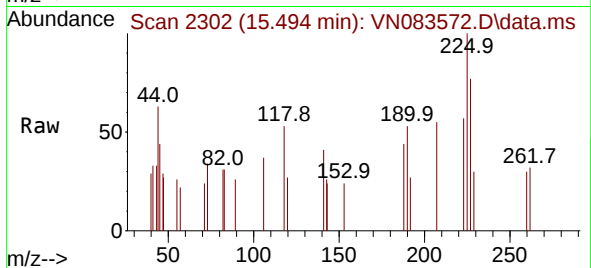
Tgt Ion:225 Resp: 1191

Ion Ratio Lower Upper

225 100

223 74.0 31.9 95.5

227 66.8 32.0 96.2



#95

Naphthalene

Concen: 1.668 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083572.D

Acq: 30 Aug 2024 13:40

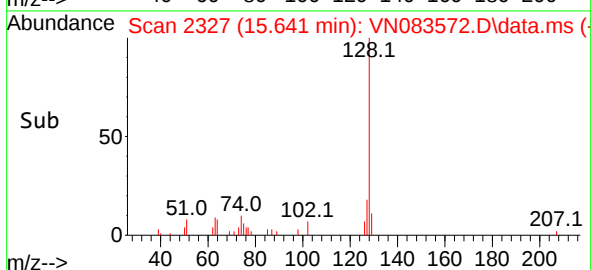
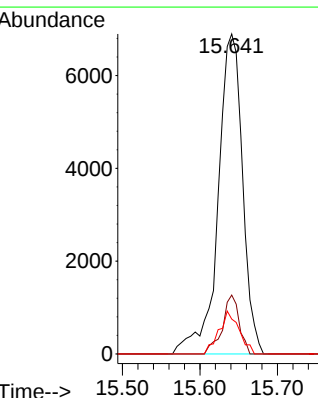
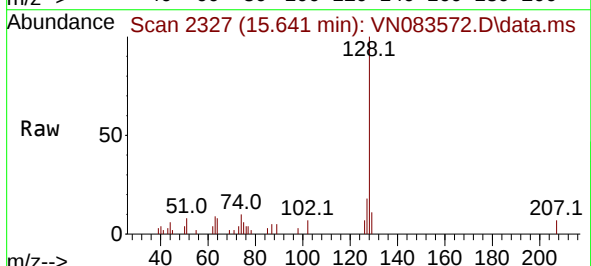
Tgt Ion:128 Resp: 15166

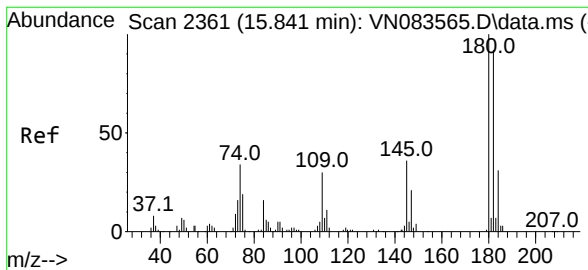
Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

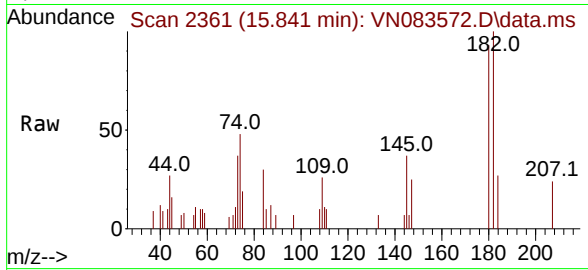
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.623 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083572.D
 Acq: 30 Aug 2024 13:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	4590
Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.1	141.4
145	36.9	17.8	53.5

