

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083639.D
 Acq On : 04 Sep 2024 10:53
 Operator : JC\MD
 Sample : VN0904WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 01:50:49 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	8.218	168	142171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105531	53.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.220%	
35) Dibromofluoromethane	8.165	113	86403	49.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.840%	
50) Toluene-d8	10.565	98	309156	45.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.820%	
62) 4-Bromofluorobenzene	12.847	95	138918	55.638	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.280%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	548	0.313	ug/l #	41
5) Bromomethane	2.895	94	379	0.411	ug/l #	65
6) Chloroethane	2.948	64	408	0.356	ug/l #	45
11) Tert butyl alcohol	5.530	59	63	0.203	ug/l #	71
13) Acrolein	4.171	56	191	0.652	ug/l #	13
15) Acrylonitrile	5.718	53	266	0.348	ug/l #	33
16) Acetone	4.453	43	419	0.529	ug/l #	45
17) Carbon Disulfide	4.695	76	3503	0.772	ug/l #	75
18) Methyl Acetate	5.018	43	1810	0.859	ug/l #	68
21) trans-1,2-Dichloroethene	5.771	96	848	0.523	ug/l #	58
23) Vinyl Acetate	6.589	43	949	0.234	ug/l #	71
25) 2-Butanone	7.483	43	543	0.503	ug/l #	49
27) cis-1,2-Dichloroethene	7.488	96	434	0.224	ug/l #	55
31) Cyclohexane	8.224	56	3629	1.181	ug/l #	21
36) 1,1-Dichloropropene	8.365	75	1050	0.398	ug/l #	47
38) Carbon Tetrachloride	8.218	117	16352	5.429	ug/l #	19
43) Isopropyl Acetate	8.665	43	8324	0.408	ug/l #	57
44) Trichloroethene	9.347	130	764	0.391	ug/l	91
46) Dibromomethane	9.712	93	288	0.206	ug/l #	79
49) 1,4-Dioxane	9.688	88	207	5.862	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	869	0.356	ug/l #	36
52) Toluene	10.624	92	1133	0.223	ug/l	82
53) t-1,3-Dichloropropene	10.835	75	2227	0.724	ug/l #	79
54) cis-1,3-Dichloropropene	10.312	75	1212	0.375	ug/l #	80
58) 2-Chloroethyl Vinyl ether	10.153	63	996	0.764	ug/l #	71
59) 2-Hexanone	11.194	43	1741	0.950	ug/l	81
61) 1,2-Dibromoethane	11.476	107	624	0.337	ug/l #	61
64) Tetrachloroethene	11.100	164	614	0.312	ug/l #	77
65) Chlorobenzene	11.888	112	3777	0.562	ug/l #	87
67) Ethyl Benzene	11.959	91	4543	0.379	ug/l #	88
68) m/p-Xylenes	12.076	106	3289	0.728	ug/l	94
69) o-Xylene	12.400	106	1017	0.233	ug/l	69
70) Styrene	12.412	104	4624	0.630	ug/l	97
71) Bromoform	12.570	173	553	0.342	ug/l #	29
73) Isopropylbenzene	12.694	105	3603	0.325	ug/l	91
74) N-amyl acetate	12.488	43	1851	0.385	ug/l #	71

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 Sample : VN0904WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
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Quant Time: Sep 05 01:50:49 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)

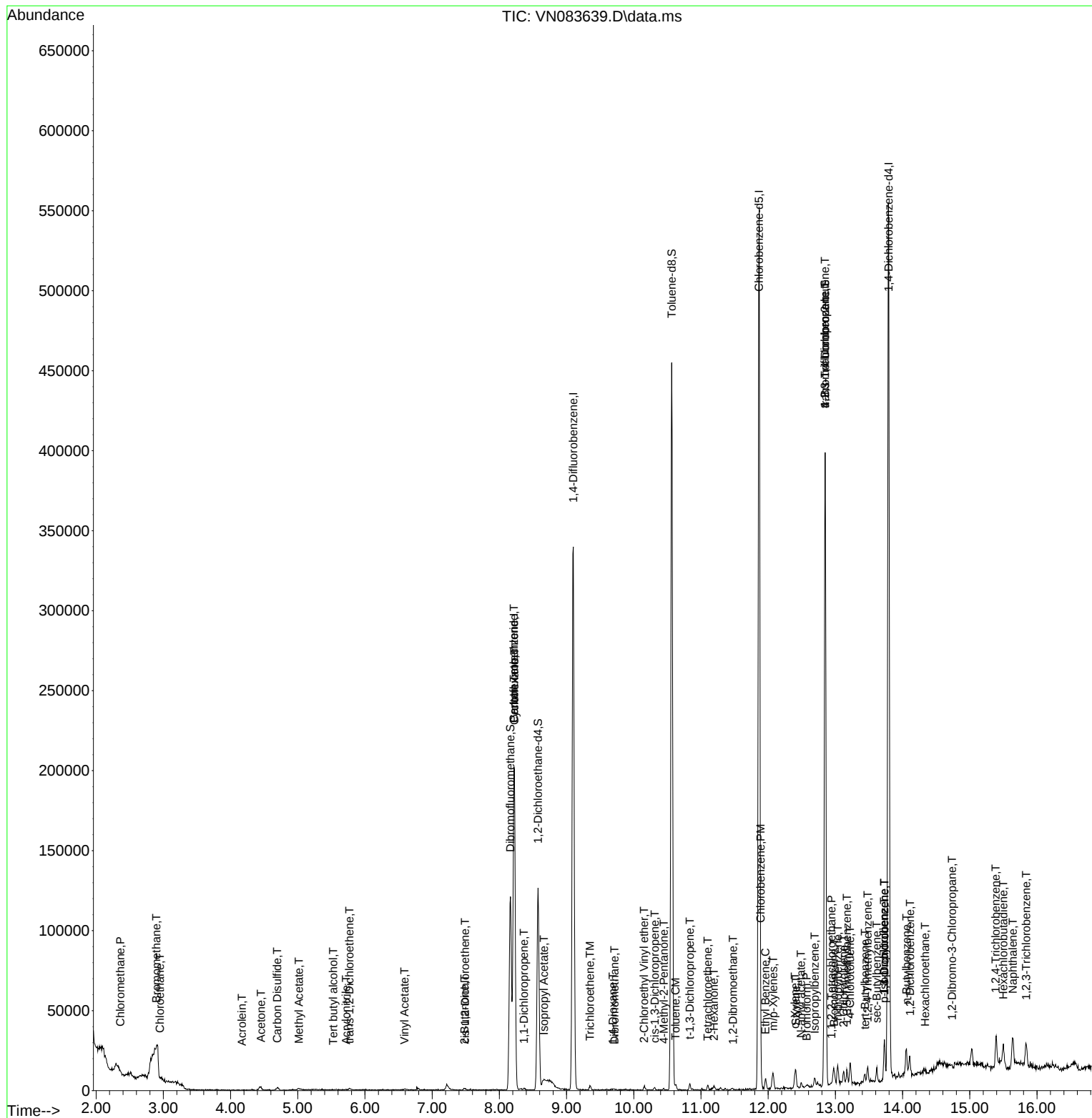
75) 1,1,2,2-Tetrachloroethane	12.941	83	1388	0.441	ug/l #	65
76) 1,2,3-Trichloropropane	12.847	75	76949	27.842	ug/l #	1
77) Bromobenzene	12.982	156	2070	0.796	ug/l	88
78) n-propylbenzene	13.035	91	8915	0.696	ug/l	99
79) 2-Chlorotoluene	13.123	91	5074	0.611	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	3933	0.421	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	76949	65.669	ug/l #	9
82) 4-Chlorotoluene	13.217	91	8554	1.014	ug/l	97
83) tert-Butylbenzene	13.441	119	2691	0.324	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	4981	0.530	ug/l	96
85) sec-Butylbenzene	13.617	105	5698	0.517	ug/l	100
86) p-Isopropyltoluene	13.723	119	5526	0.600	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	6270	1.243	ug/l	91
88) 1,4-Dichlorobenzene	13.729	146	6270	1.209	ug/l	91
89) n-Butylbenzene	14.059	91	9675	1.194	ug/l	97
90) Hexachloroethane	14.335	117	580	0.323	ug/l	61
91) 1,2-Dichlorobenzene	14.112	146	4423	0.910	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.735	75	393	0.576	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.388	180	5517	2.002	ug/l	94
94) Hexachlorobutadiene	15.500	225	1503	1.362	ug/l	82
95) Naphthalene	15.641	128	19258	2.175	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.841	180	5297	1.924	ug/l	91

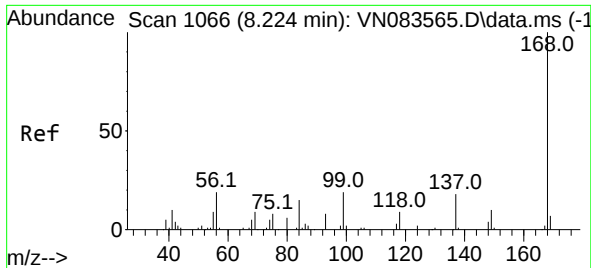
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0904WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Sep 05 01:50:49 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

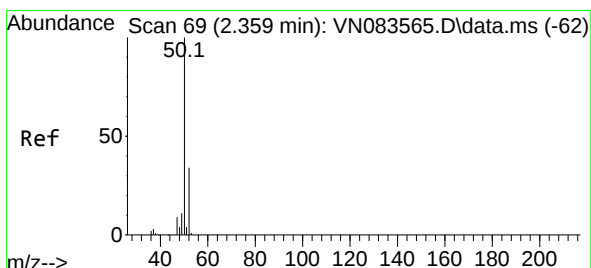
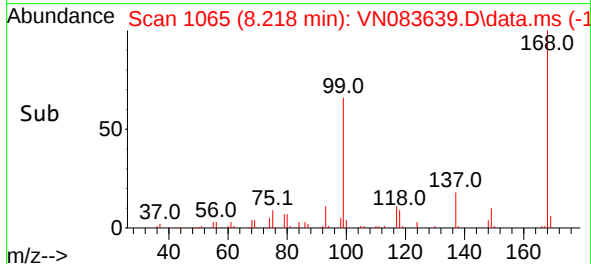
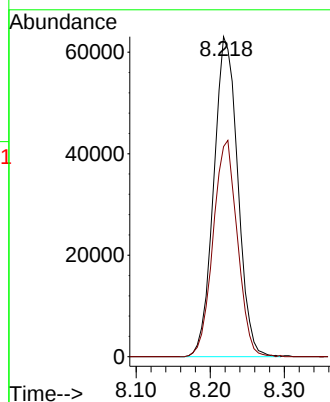
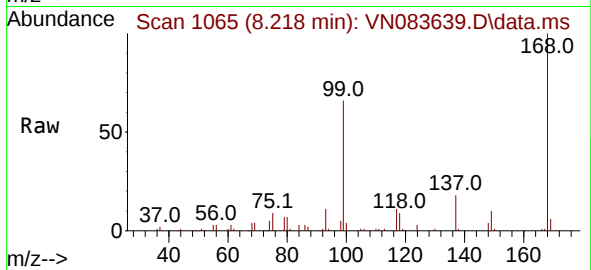




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

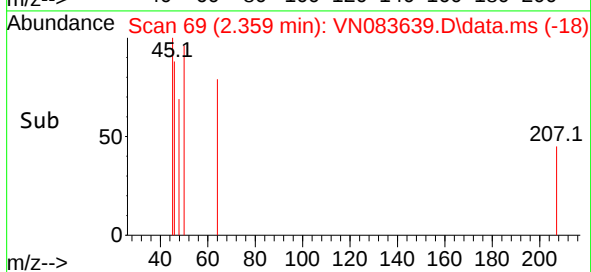
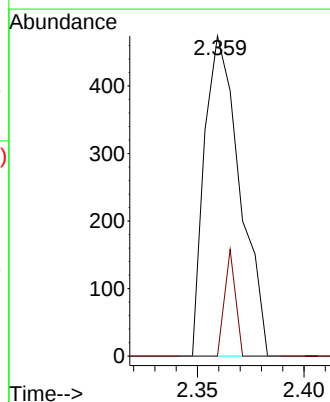
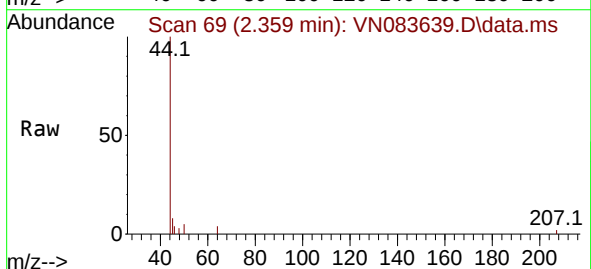
Instrument :
MSVOA_N
ClientSampleId :

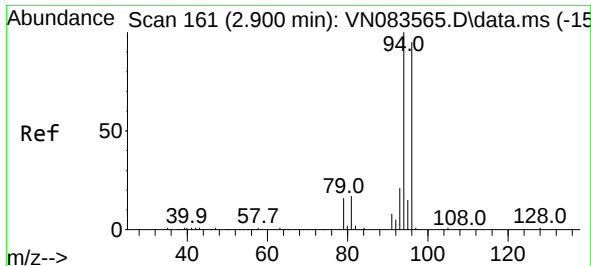
Tgt Ion:168 Resp: 142171
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

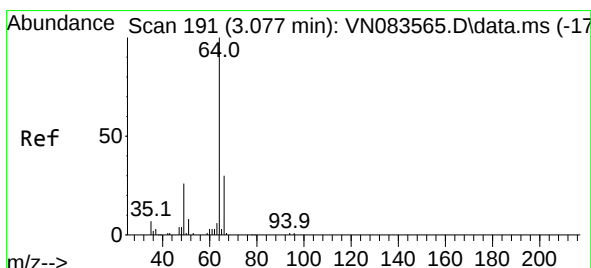
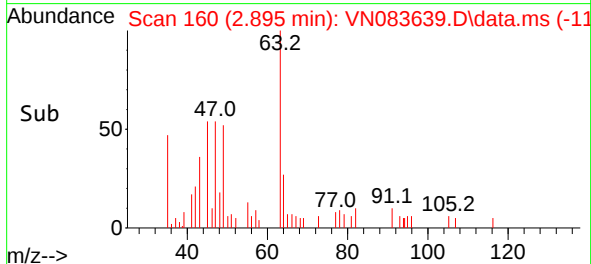
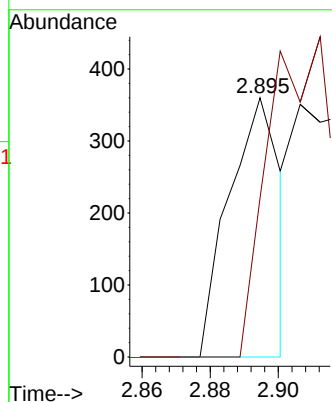
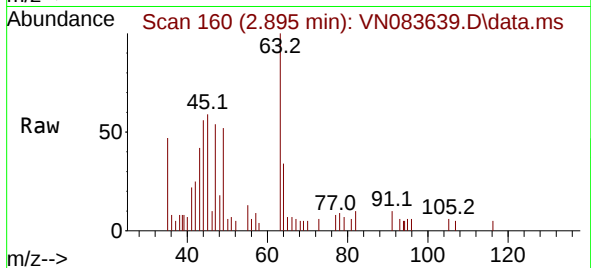




#5
Bromomethane
Concen: 0.411 ug/l
RT: 2.895 min Scan# 161
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

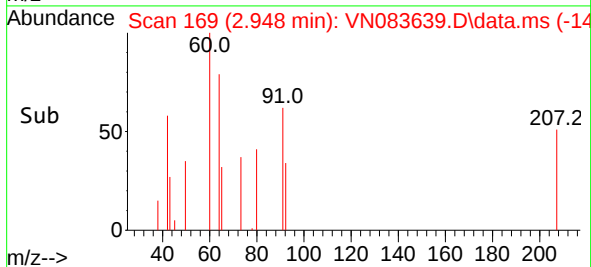
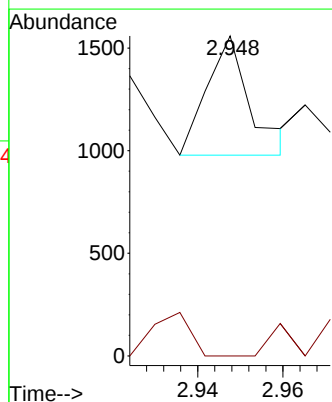
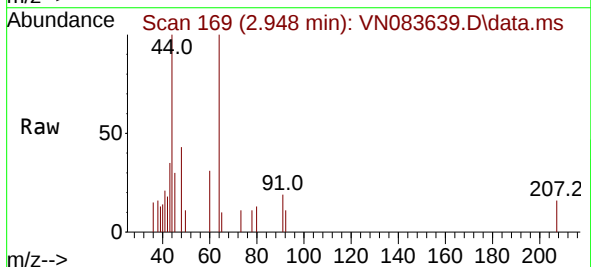
Instrument :
MSVOA_N
ClientSampleId :

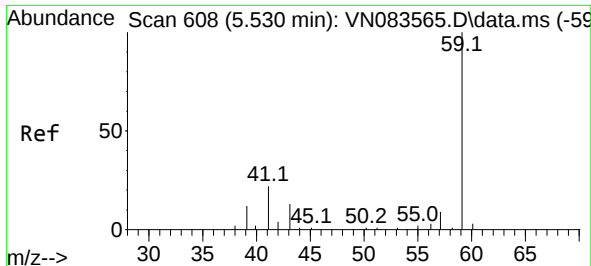
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 61.4 76.0 114.0#



#6
Chloroethane
Concen: 0.356 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.129 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

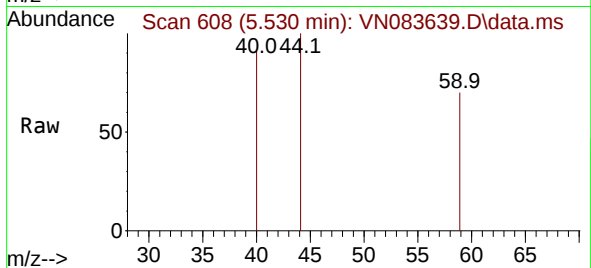
Tgt Ion: 64 Resp: 408
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



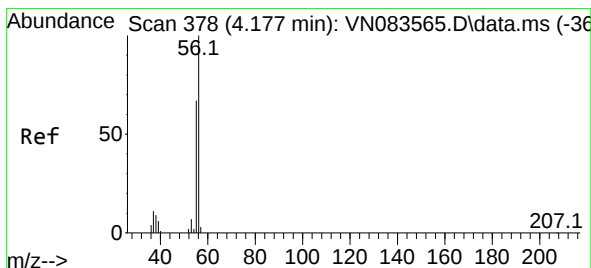
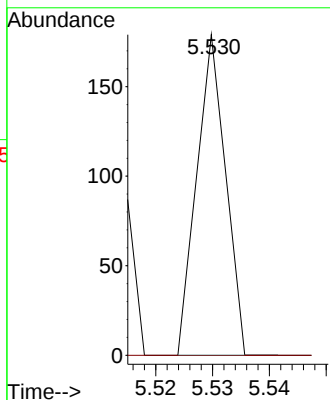
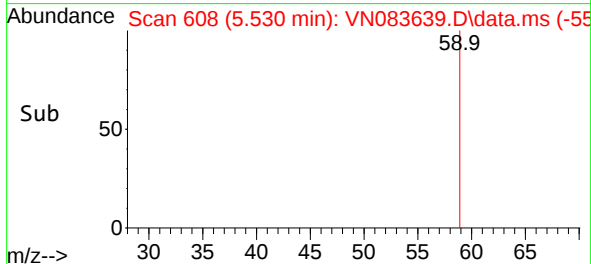


#11
Tert butyl alcohol
Concen: 0.203 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

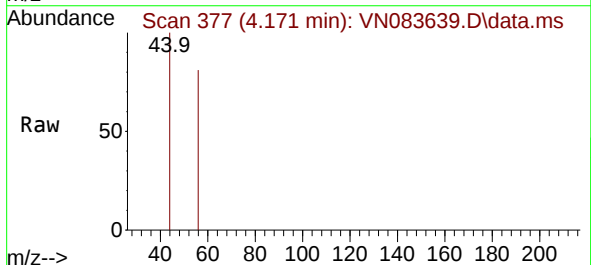
Instrument :
MSVOA_N
ClientSampleId :



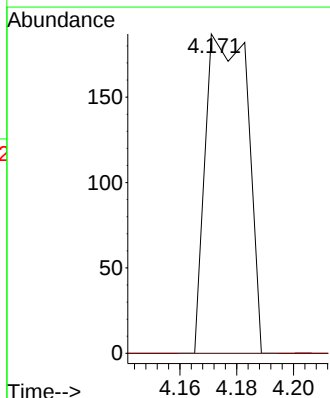
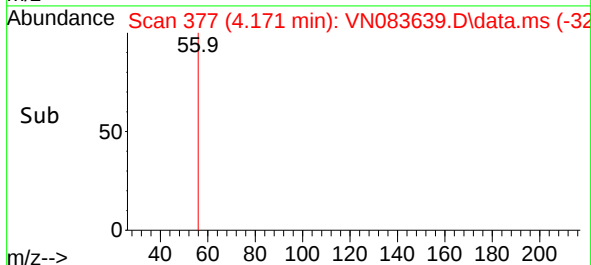
Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

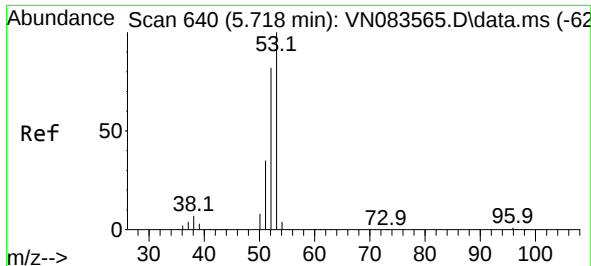


#13
Acrolein
Concen: 0.652 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53



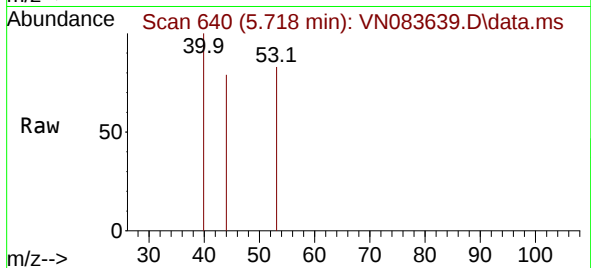
Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#





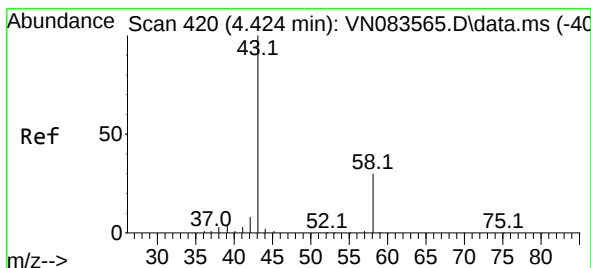
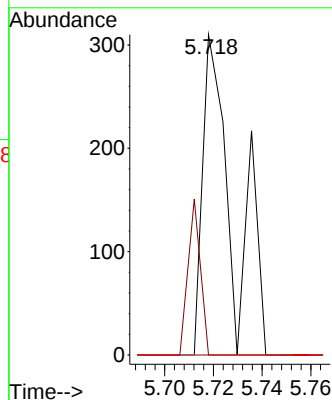
#15
Acrylonitrile
Concen: 0.348 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 266

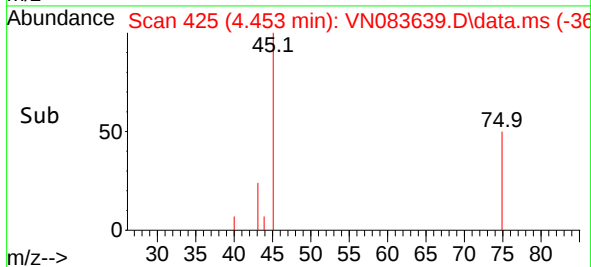
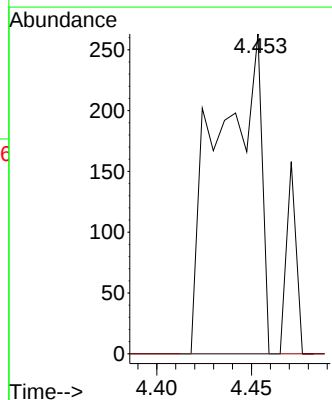
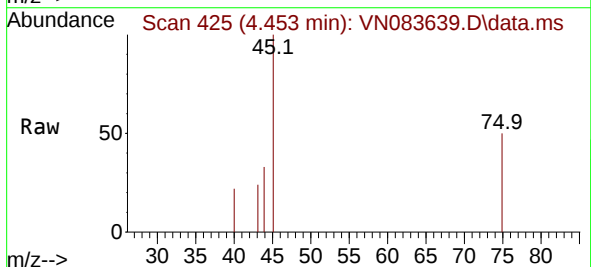
Ion	Ratio	Lower	Upper
53	100		
52	19.9	66.1	99.1#
51	0.0	29.6	44.4#

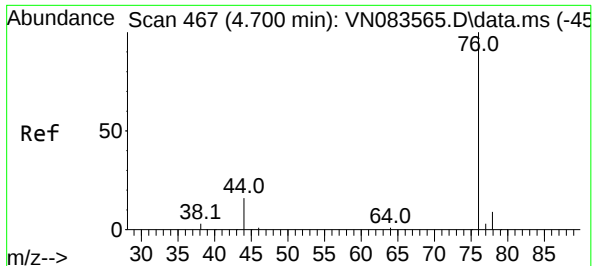


#16
Acetone
Concen: 0.529 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 43 Resp: 419

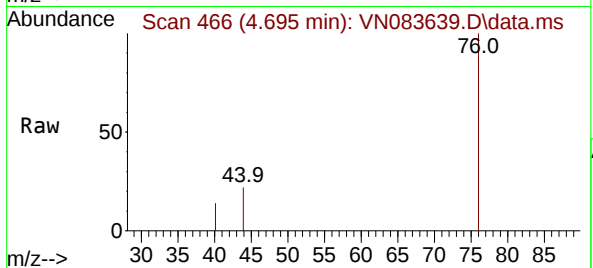
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.7	35.5#



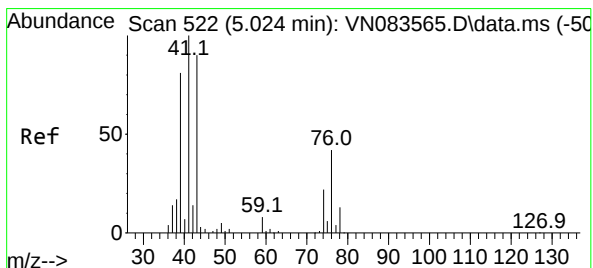
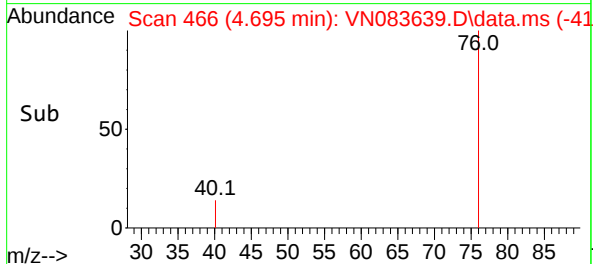
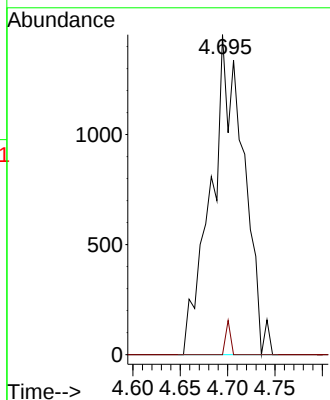


#17
Carbon Disulfide
Concen: 0.772 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

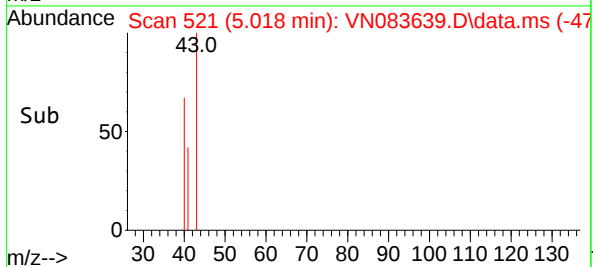
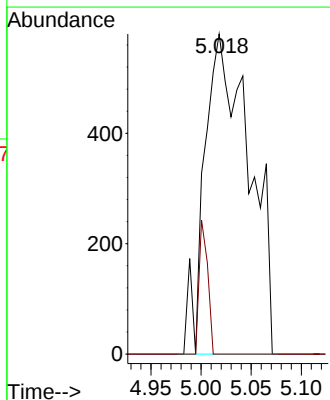
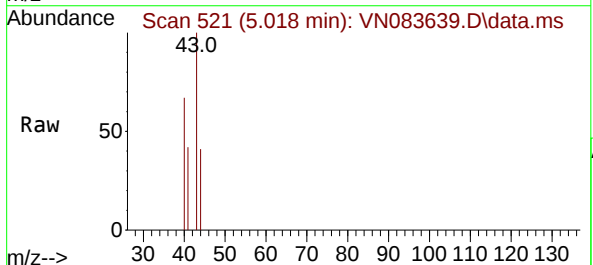


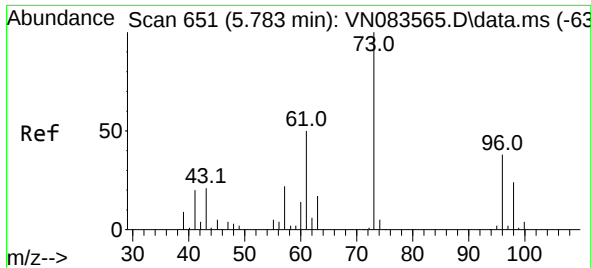
Tgt Ion: 76 Resp: 3503
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.859 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

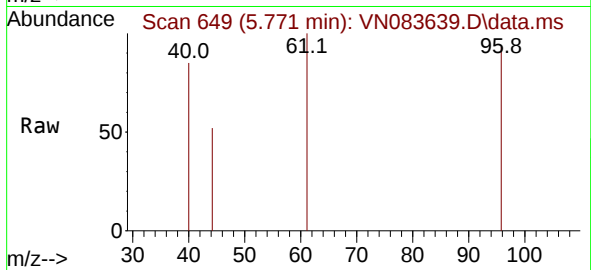
Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
74 8.0 19.0 28.4#



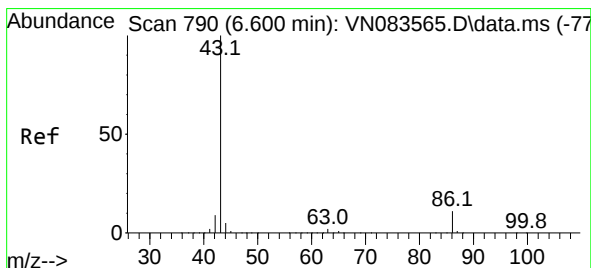
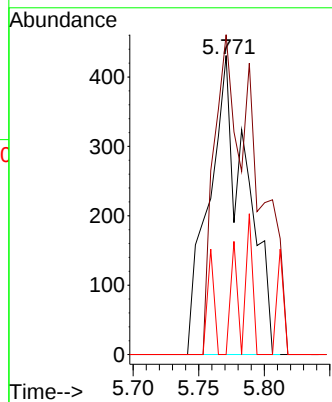
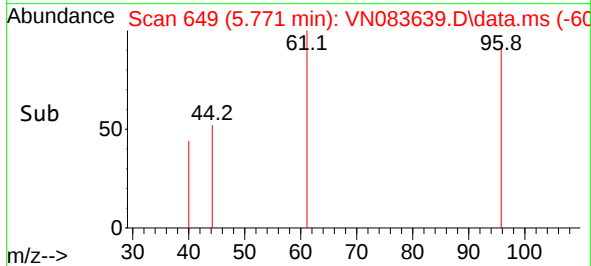


#21
trans-1,2-Dichloroethene
Concen: 0.523 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

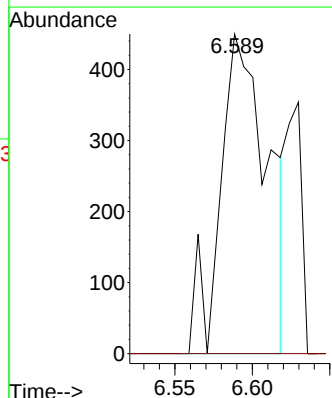
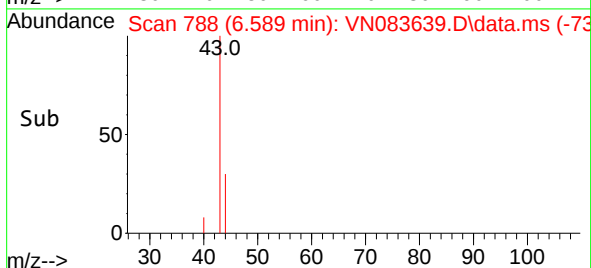
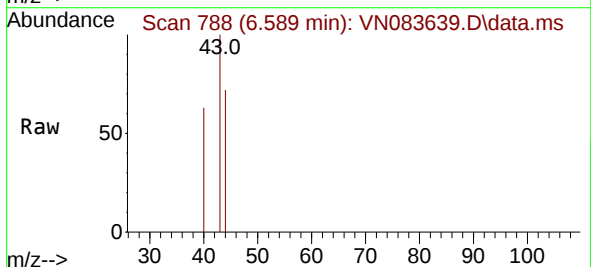


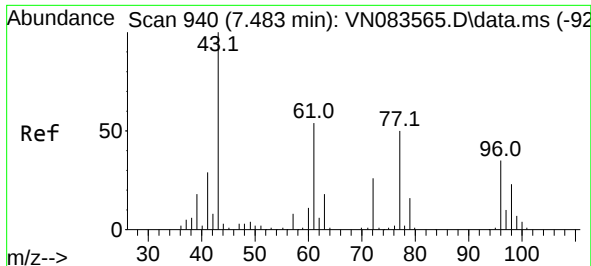
Tgt Ion: 96 Resp: 848
Ion Ratio Lower Upper
96 100
61 107.0 106.0 159.0
98 0.0 52.2 78.2#



#23
Vinyl Acetate
Concen: 0.234 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.012 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
86 0.0 8.7 13.1#





#25

2-Butanone

Concen: 0.503 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

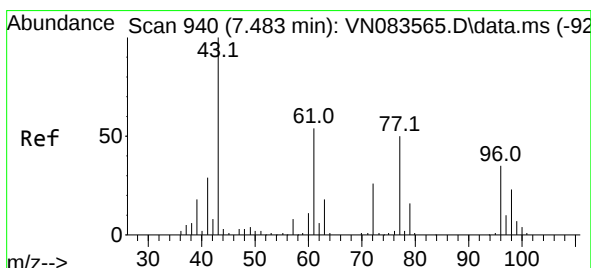
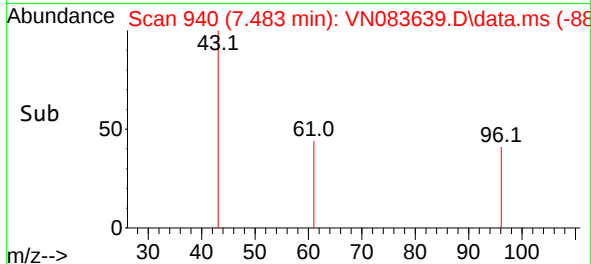
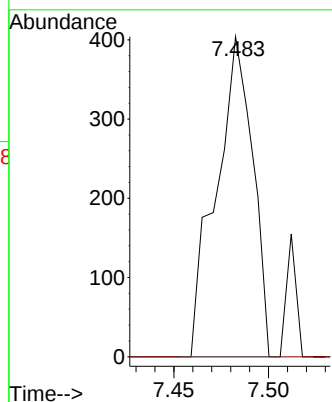
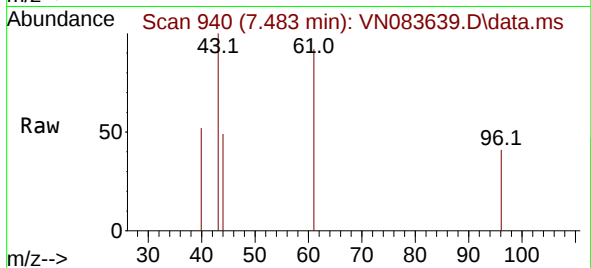
ClientSampleId :

Tgt Ion: 43 Resp: 543

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 0.224 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

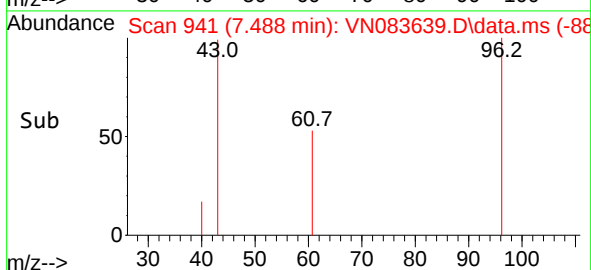
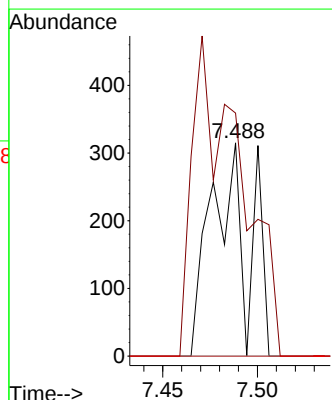
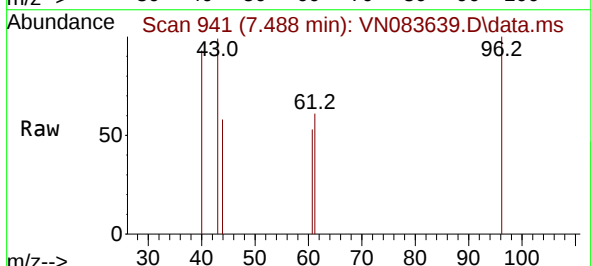
Tgt Ion: 96 Resp: 434

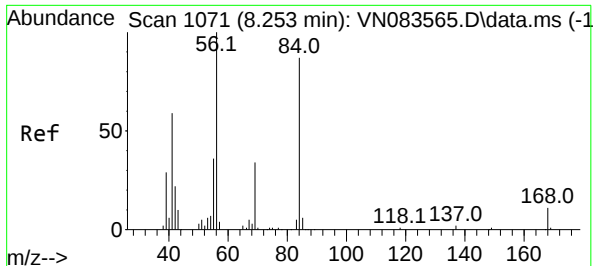
Ion Ratio Lower Upper

96 100

61 190.3 0.0 306.2

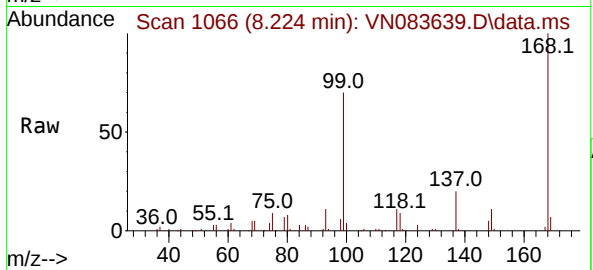
98 0.0 0.0 128.6



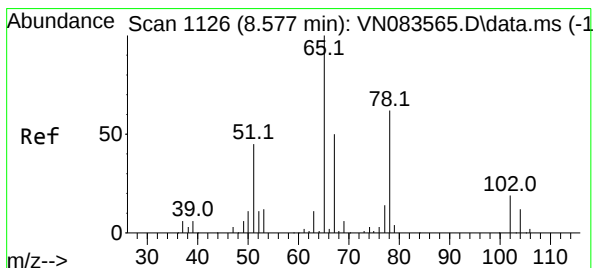
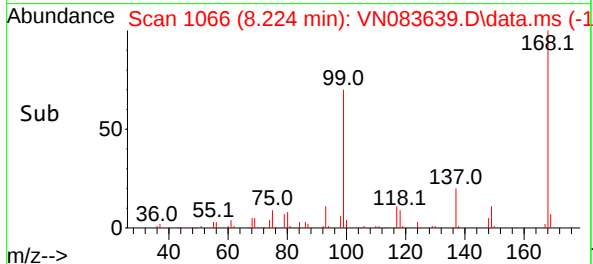
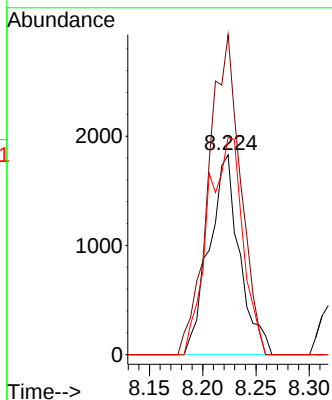


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

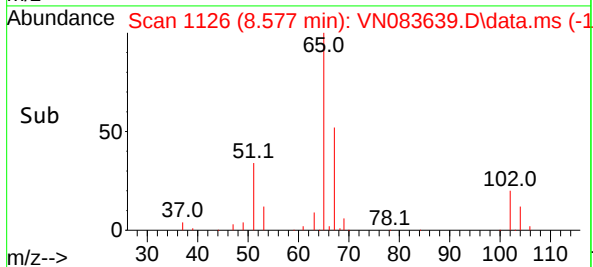
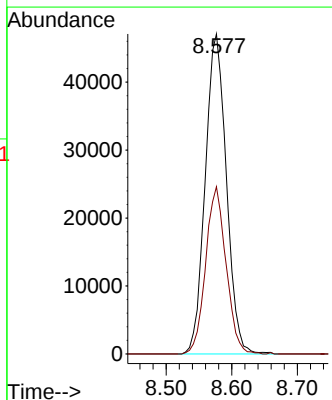
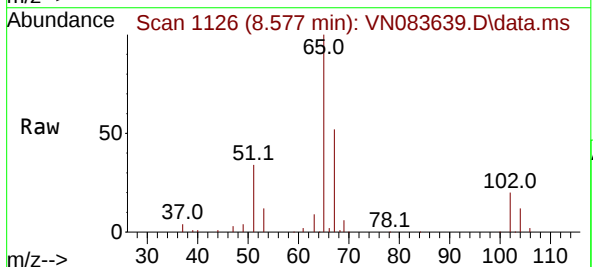


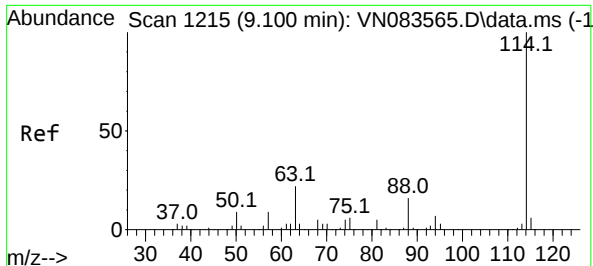
Tgt Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 160.1 26.9 40.3#
84 108.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 53.111 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 65 Resp: 105531
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

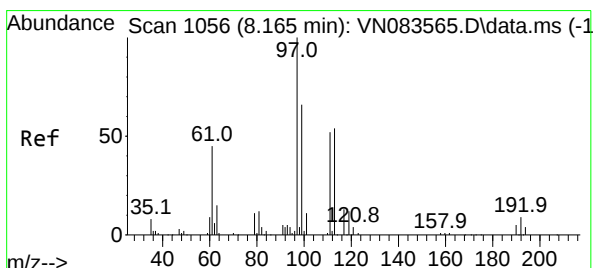
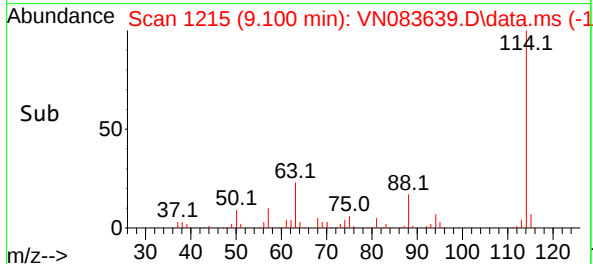
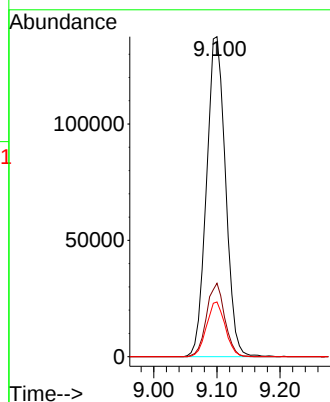
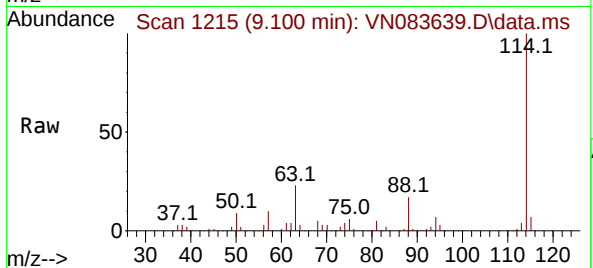
Tgt Ion:114 Resp: 287570

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.920 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

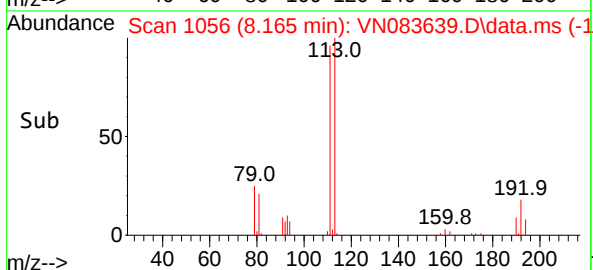
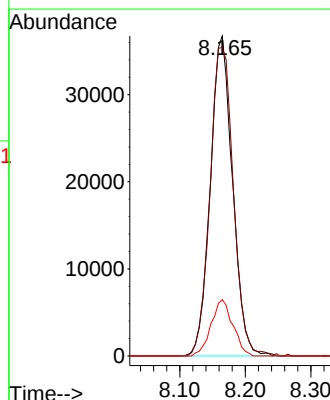
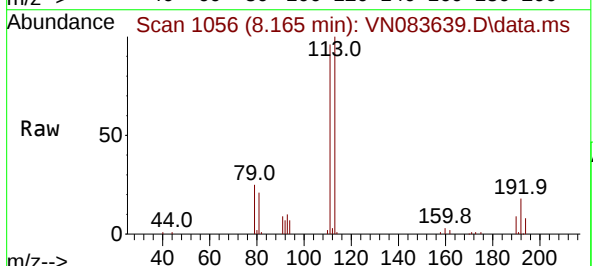
Tgt Ion:113 Resp: 86403

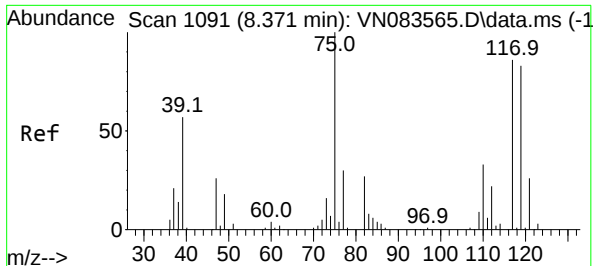
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 17.2 14.3 21.5

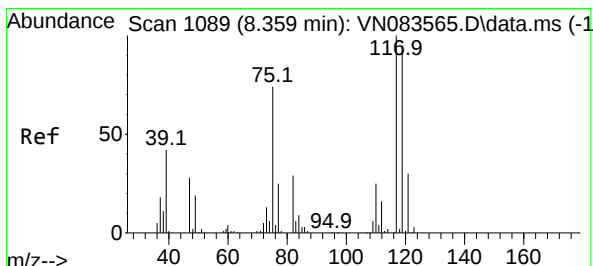
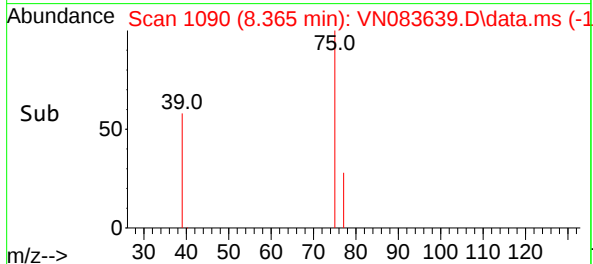
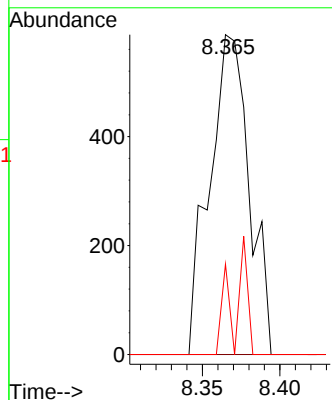
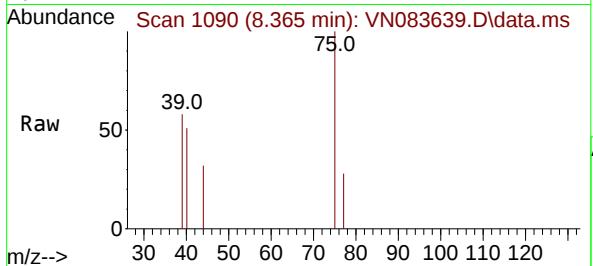




#36
1,1-Dichloropropene
Concen: 0.398 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

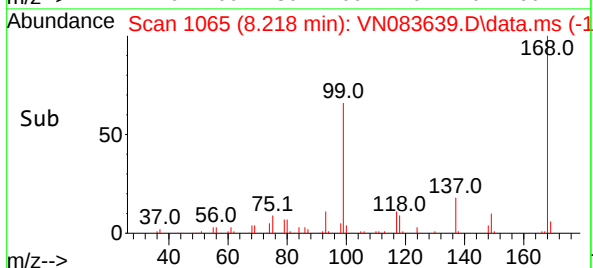
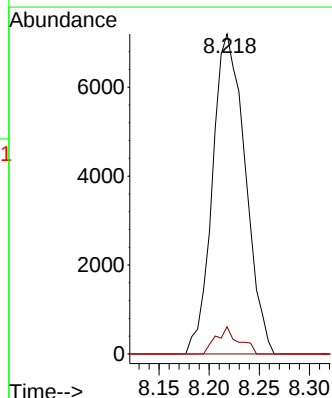
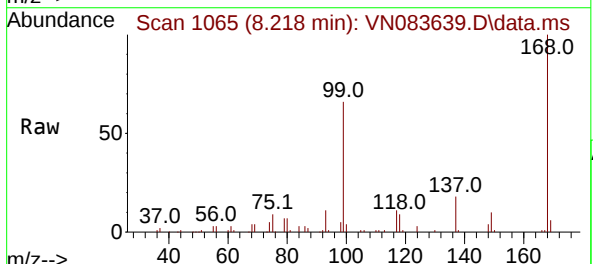
Instrument :
MSVOA_N
ClientSampleId :

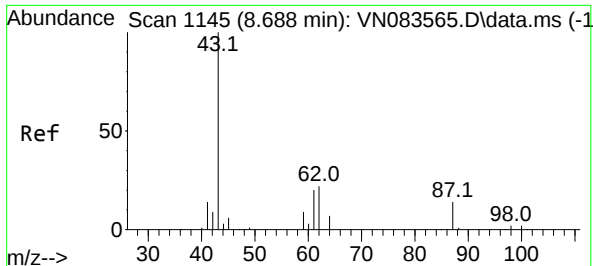
Tgt Ion: 75 Resp: 1050
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.1#
77 5.6 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.429 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 117 Resp: 16352
Ion Ratio Lower Upper
117 100
119 8.5 76.1 114.1#
121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.408 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

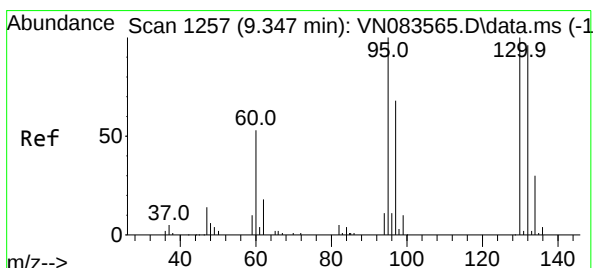
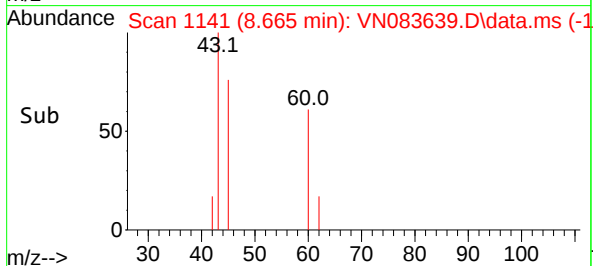
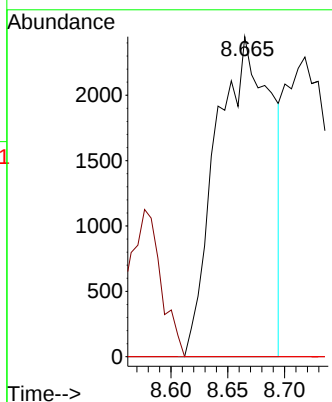
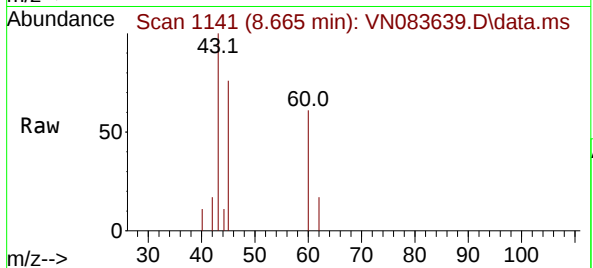
Tgt Ion: 43 Resp: 8324

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.391 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN083639.D

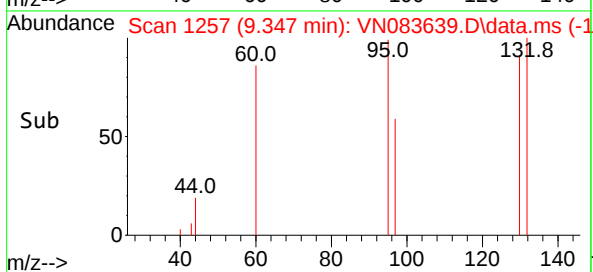
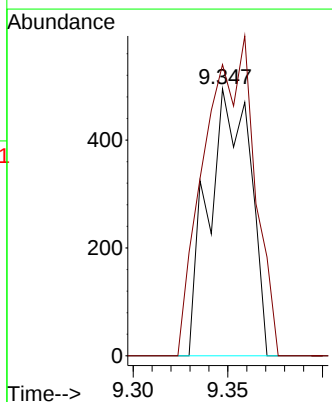
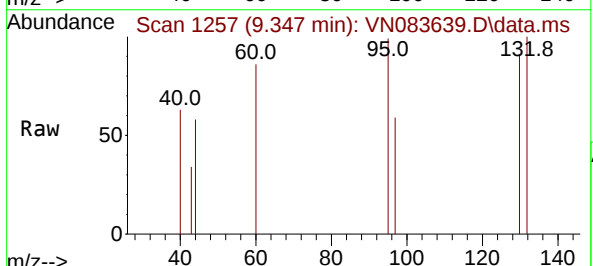
Acq: 04 Sep 2024 10:53

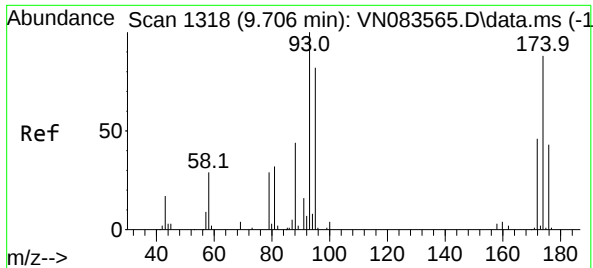
Tgt Ion:130 Resp: 764

Ion Ratio Lower Upper

130 100

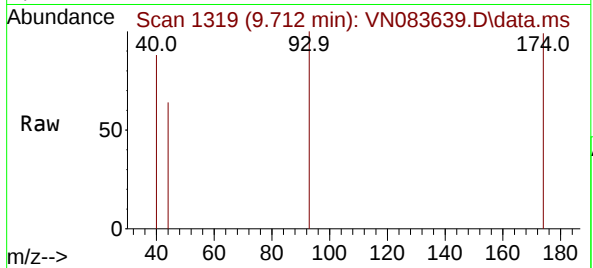
95 109.1 0.0 200.4



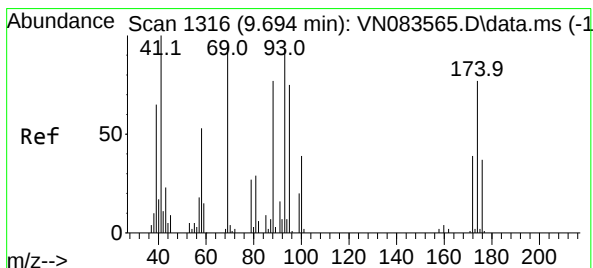
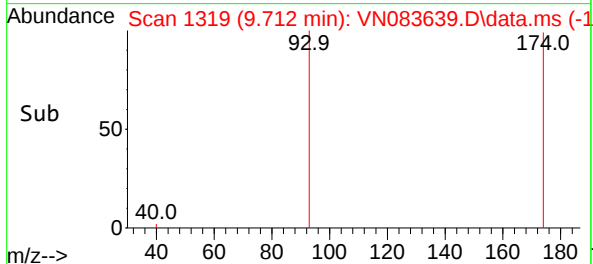
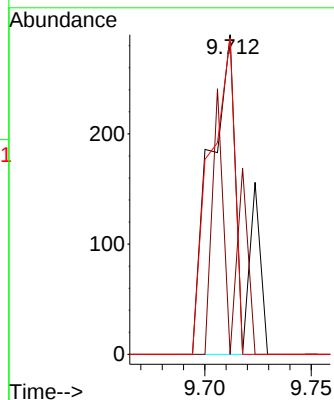


#46
Dibromomethane
Concen: 0.206 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

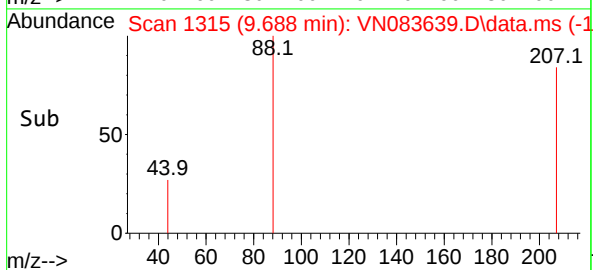
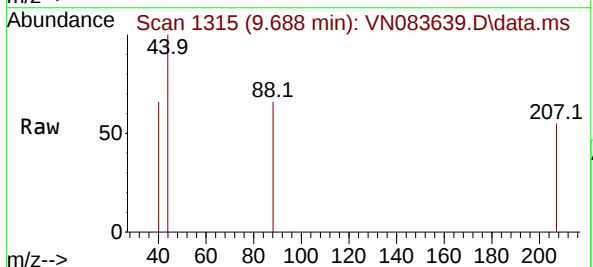
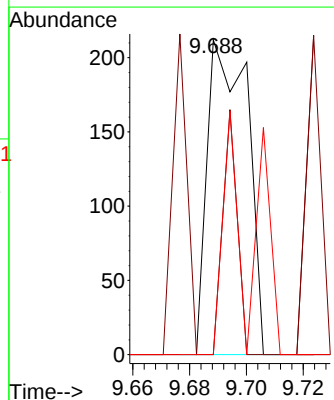


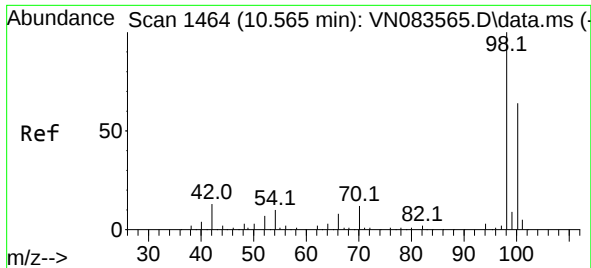
Tgt Ion: 93 Resp: 288
Ion Ratio Lower Upper
93 100
95 50.3 65.3 97.9#
174 80.6 71.0 106.4



#49
1,4-Dioxane
Concen: 5.862 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0#
58 54.1 57.1 85.7#

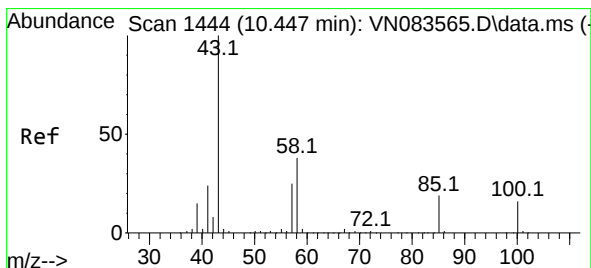
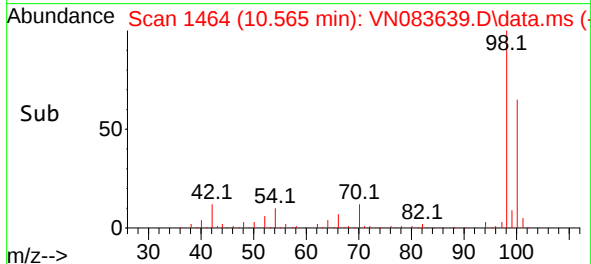
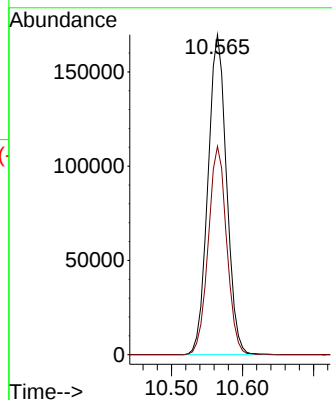
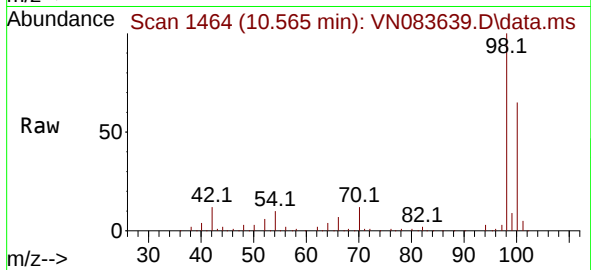




#50
Toluene-d8
Concen: 45.911 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

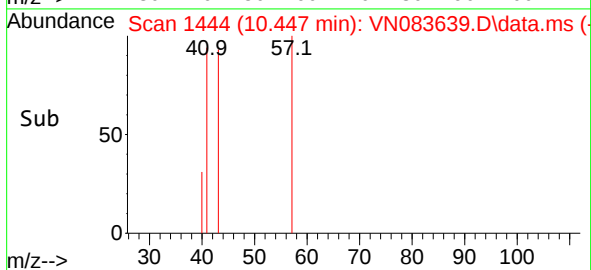
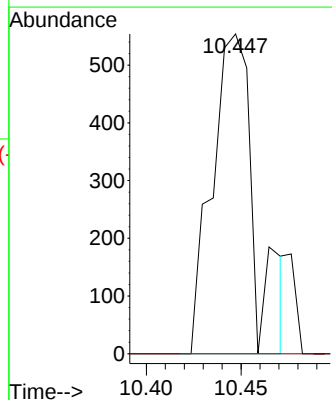
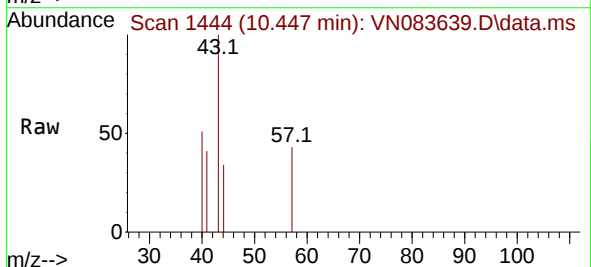
Instrument :
MSVOA_N
ClientSampleId :

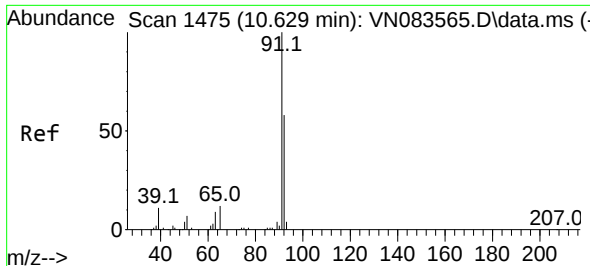
Tgt Ion: 98 Resp: 309156
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.356 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

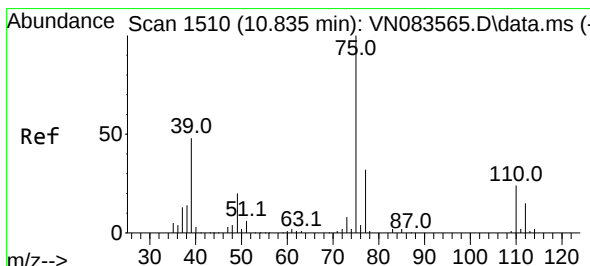
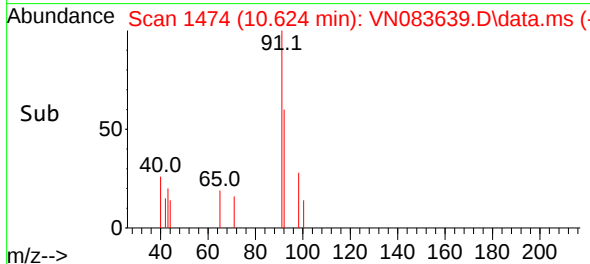
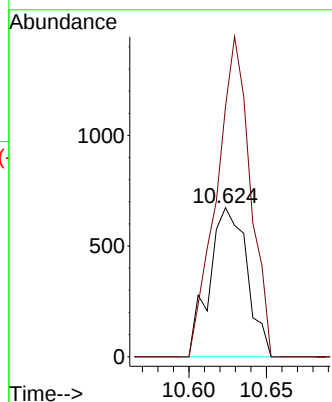
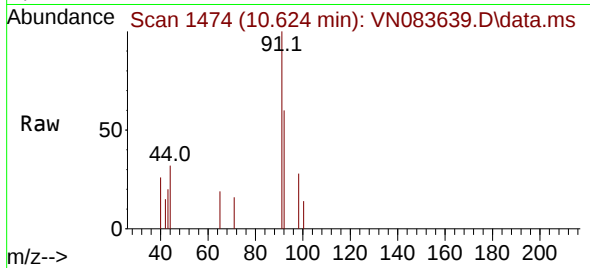




#52
Toluene
Concen: 0.223 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

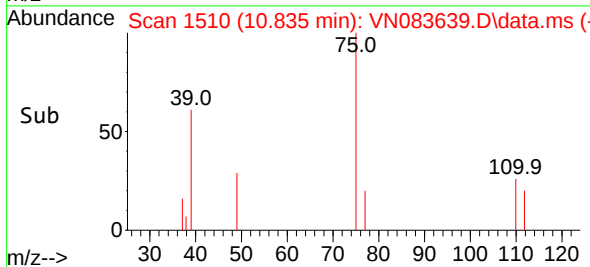
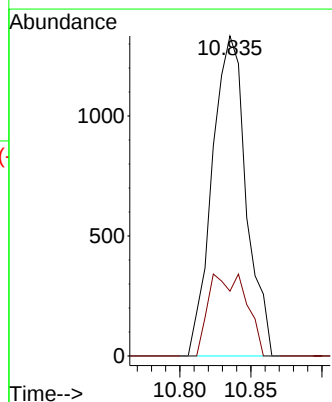
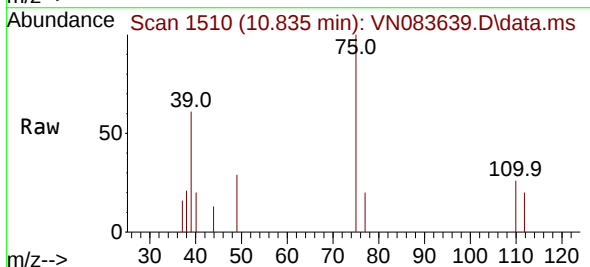
Instrument :
MSVOA_N
ClientSampleId :

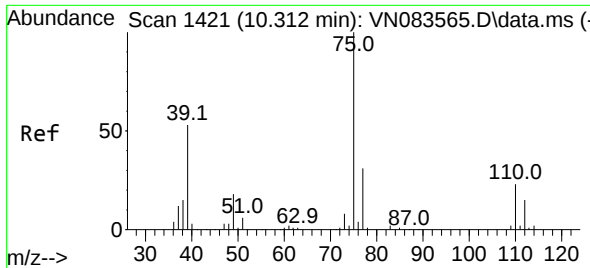
Tgt Ion: 92 Resp: 1133
Ion Ratio Lower Upper
92 100
91 193.0 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.724 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

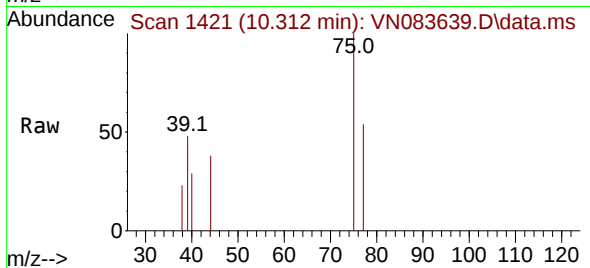
Tgt Ion: 75 Resp: 2227
Ion Ratio Lower Upper
75 100
77 20.3 25.8 38.6#



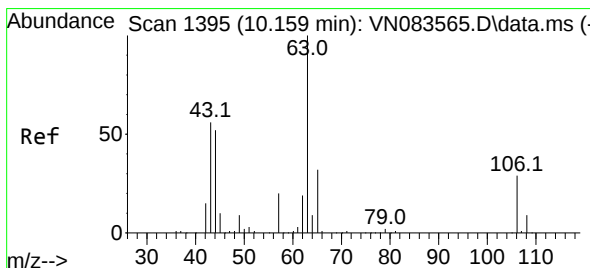
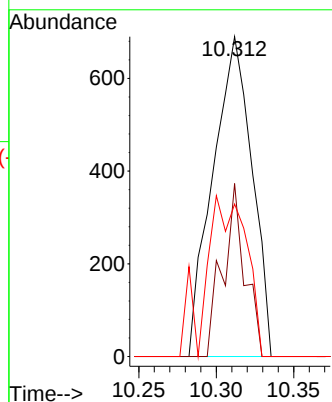
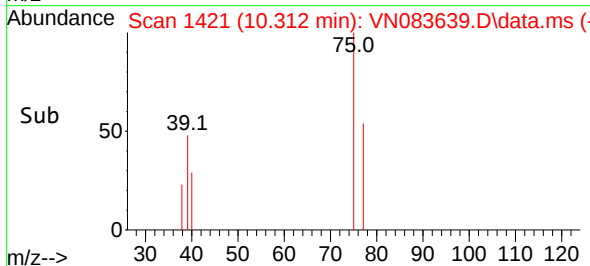


#54
 cis-1,3-Dichloropropene
 Concen: 0.375 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083639.D
 Acq: 04 Sep 2024 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

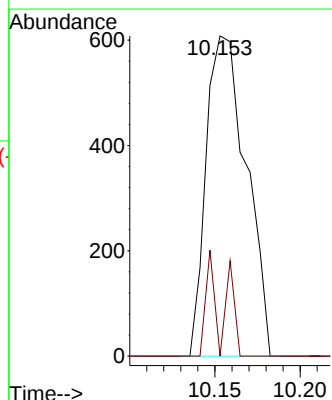
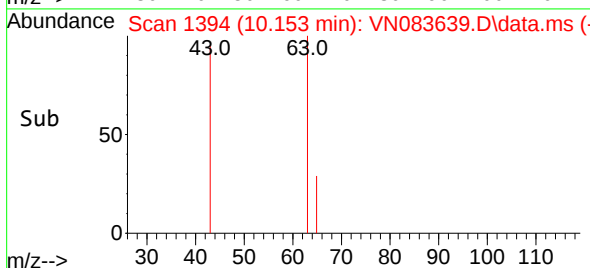
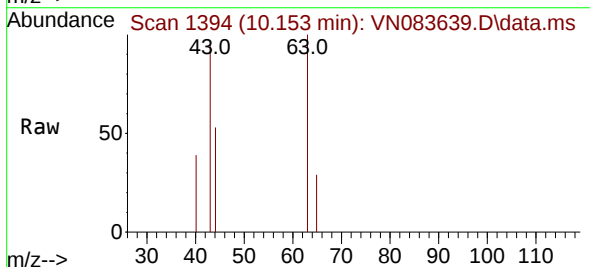


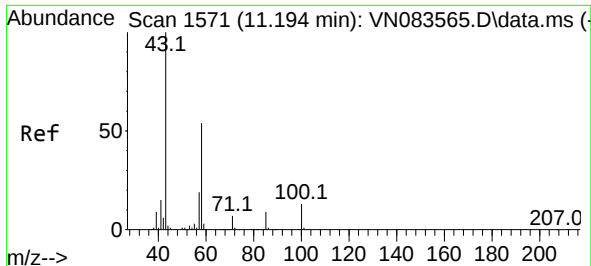
Tgt Ion: 75 Resp: 1212
 Ion Ratio Lower Upper
 75 100
 77 54.1 25.0 37.6#
 39 47.7 42.6 64.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.764 ug/l
 RT: 10.153 min Scan# 1394
 Delta R.T. -0.006 min
 Lab File: VN083639.D
 Acq: 04 Sep 2024 10:53

Tgt Ion: 63 Resp: 996
 Ion Ratio Lower Upper
 63 100
 106 13.6 23.3 34.9#

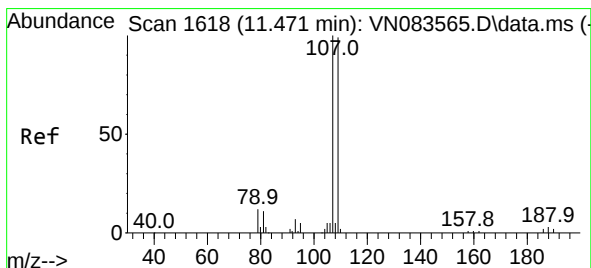
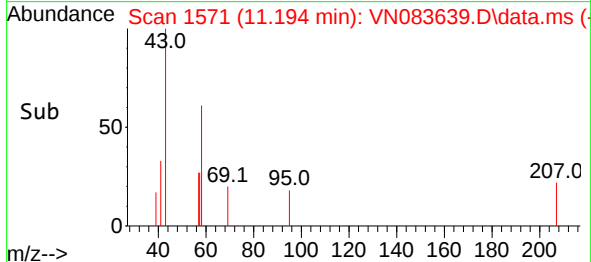
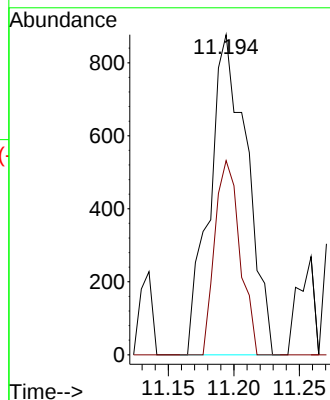
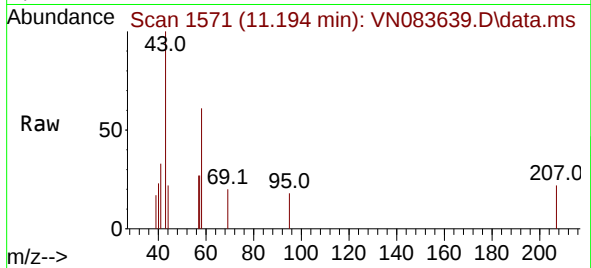




#59
2-Hexanone
Concen: 0.950 ug/l
RT: 11.194 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

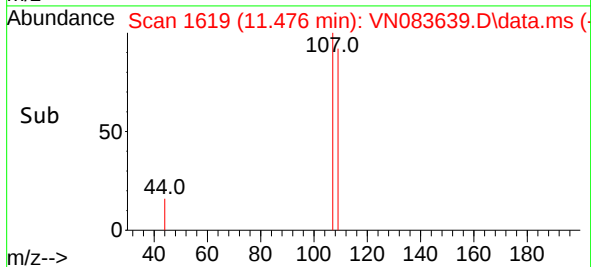
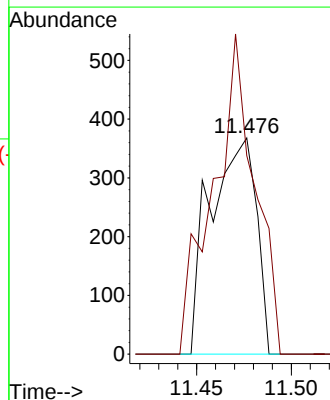
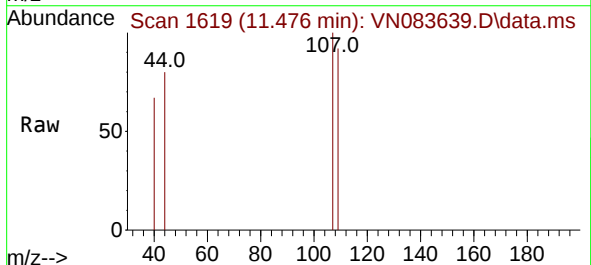
Instrument :
MSVOA_N
ClientSampleId :

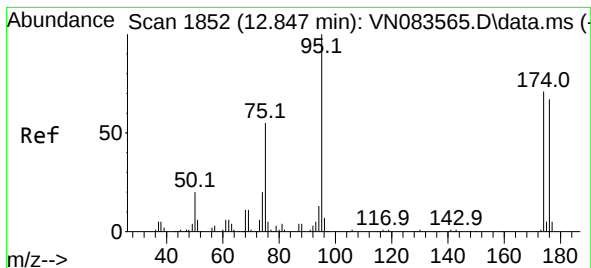
Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
58 40.7 27.2 81.5



#61
1,2-Dibromoethane
Concen: 0.337 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 107 Resp: 624
Ion Ratio Lower Upper
107 100
109 132.4 75.6 113.4#

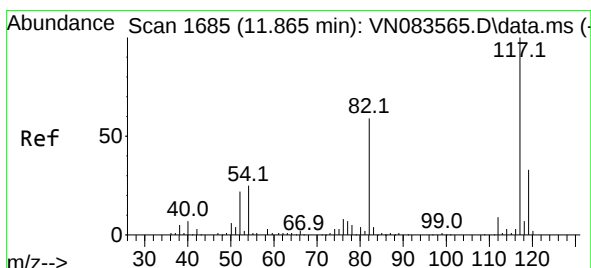
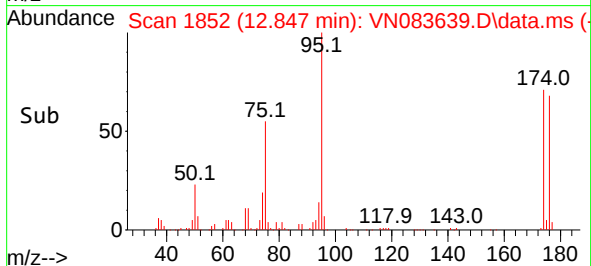
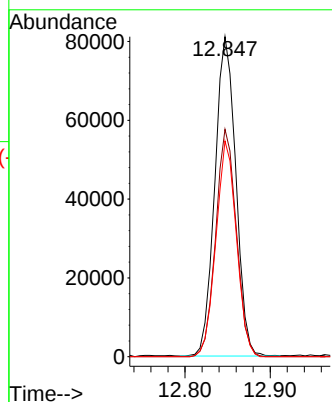
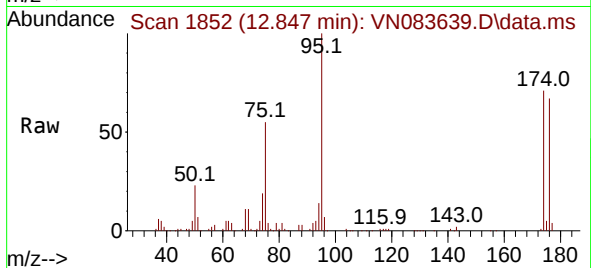




#62
4-Bromofluorobenzene
Concen: 55.638 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

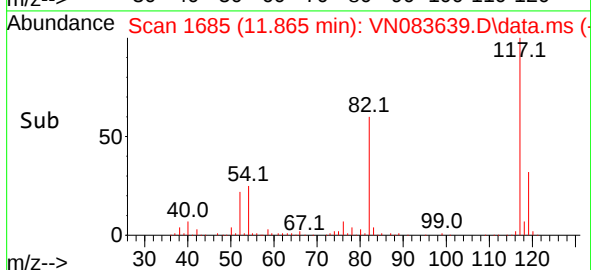
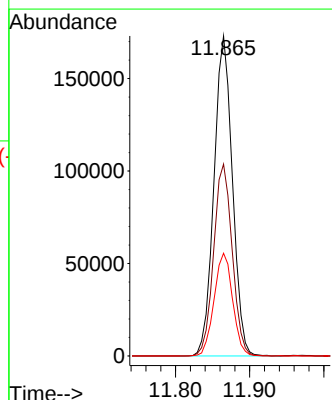
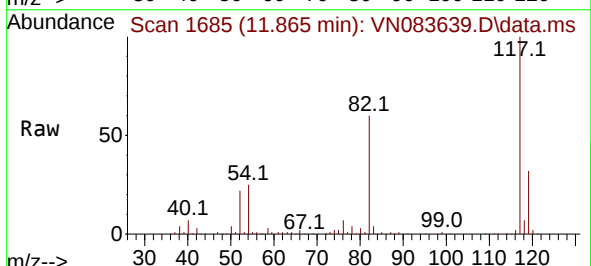
Instrument :
MSVOA_N
ClientSampleId :

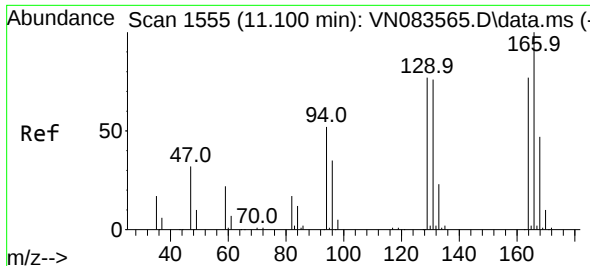
Tgt Ion: 95 Resp: 138918
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 65.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

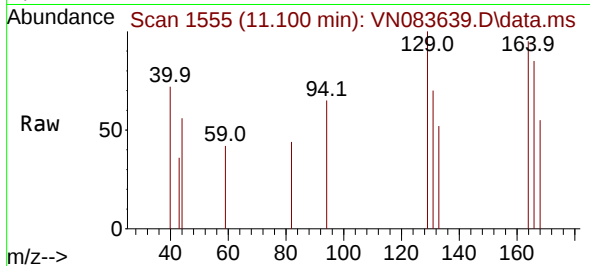
Tgt Ion: 117 Resp: 299450
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.1 26.3 39.5



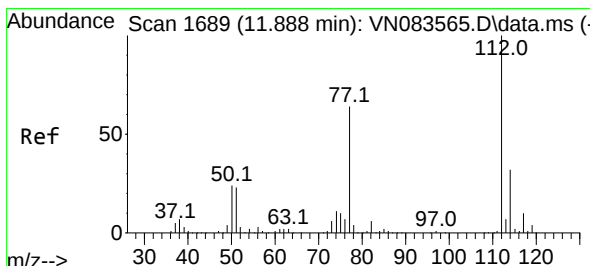
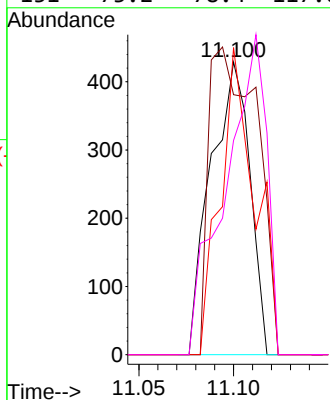
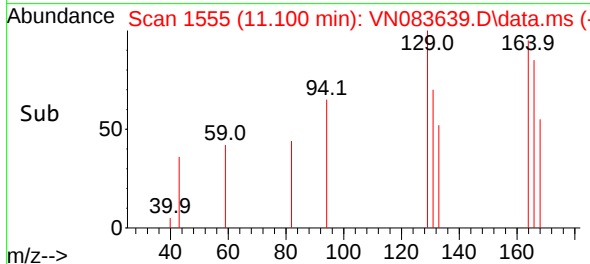


#64
Tetrachloroethene
Concen: 0.312 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

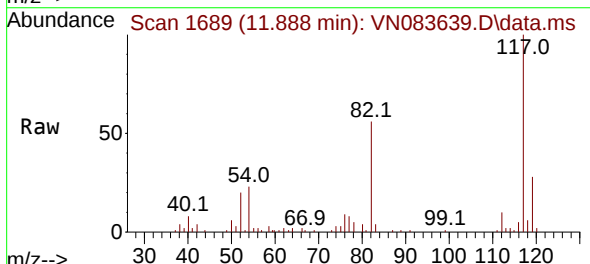
Instrument :
MSVOA_N
ClientSampleId :



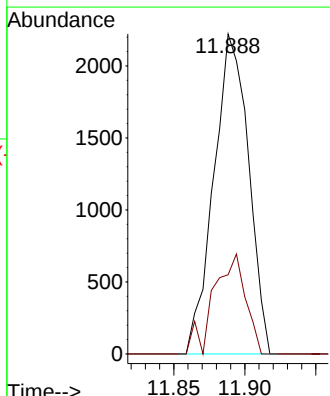
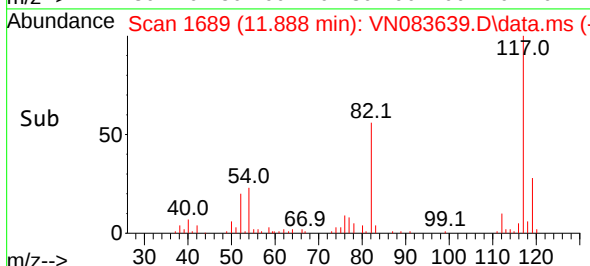
Tgt Ion:164 Resp: 614
Ion Ratio Lower Upper
164 100
166 88.8 103.7 155.5#
129 104.9 79.9 119.9
131 73.2 78.4 117.6#

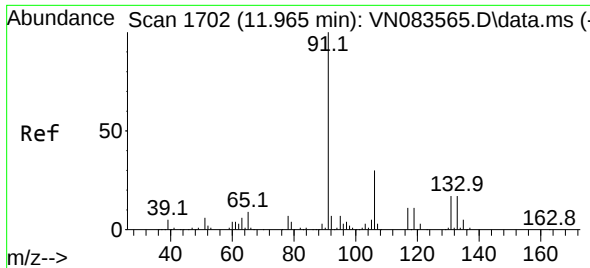


#65
Chlorobenzene
Concen: 0.562 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53



Tgt Ion:112 Resp: 3777
Ion Ratio Lower Upper
112 100
114 24.8 25.7 38.5#

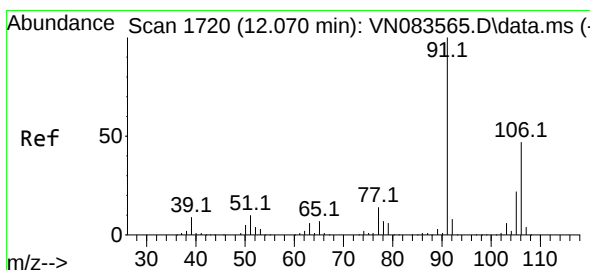
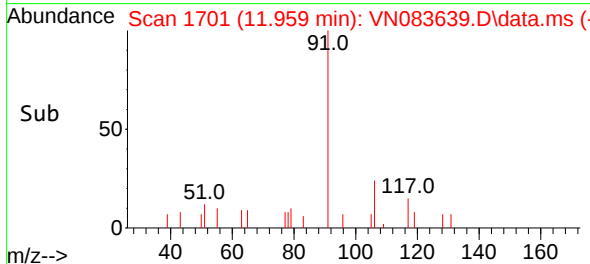
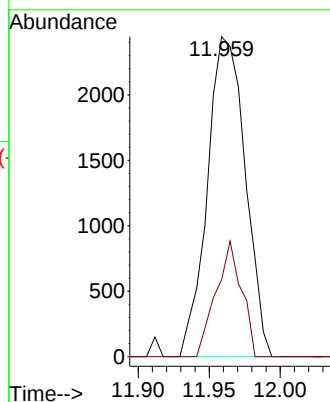
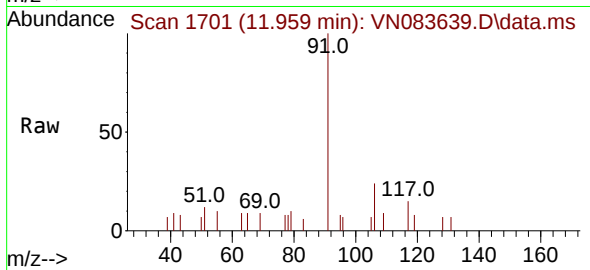




#67
Ethyl Benzene
Concen: 0.379 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

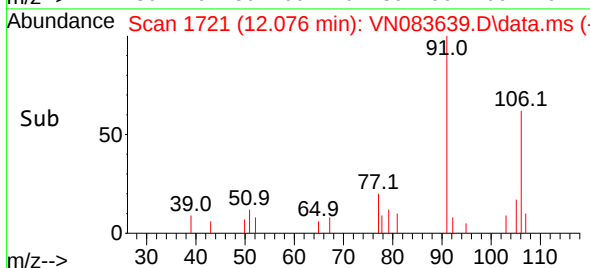
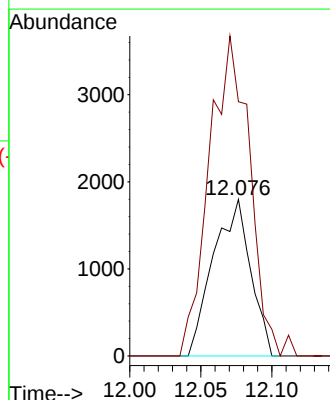
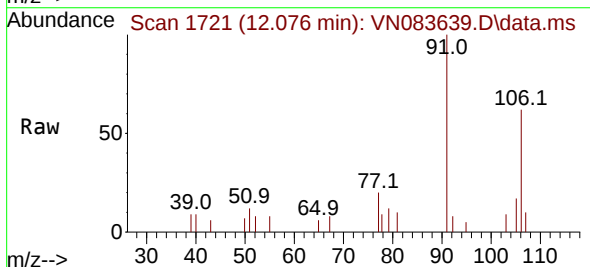
Instrument :
MSVOA_N
ClientSampleId :

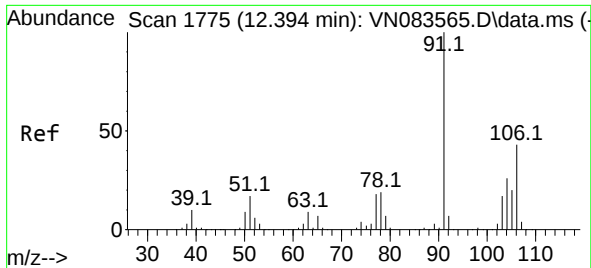
Tgt Ion: 91 Resp: 4543
Ion Ratio Lower Upper
91 100
106 24.1 24.3 36.5#



#68
m/p-Xylenes
Concen: 0.728 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion:106 Resp: 3289
Ion Ratio Lower Upper
106 100
91 221.5 169.2 253.8

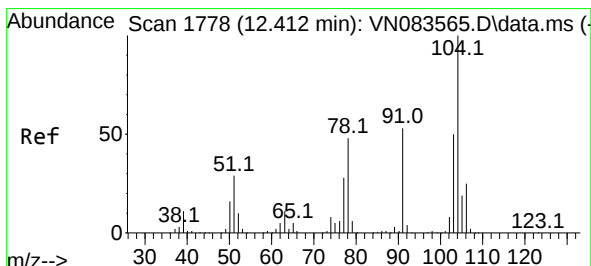
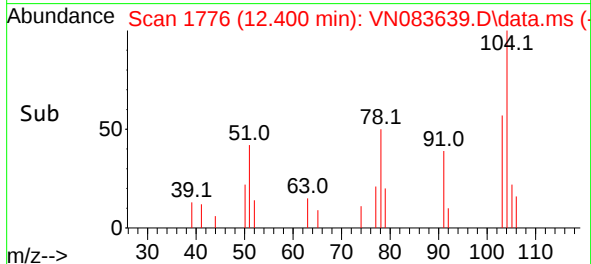
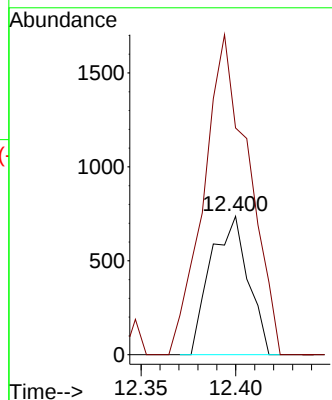
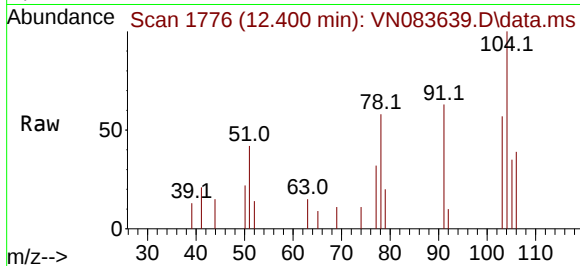




#69
o-Xylene
Concen: 0.233 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

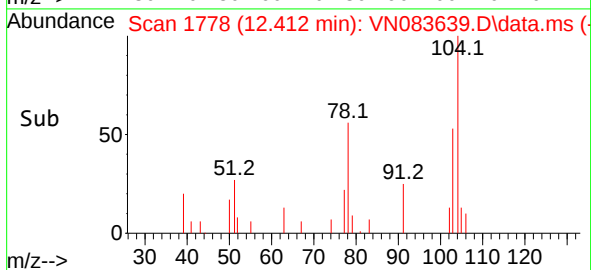
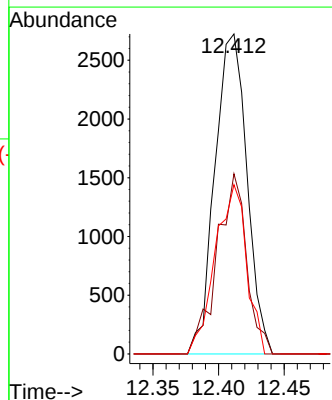
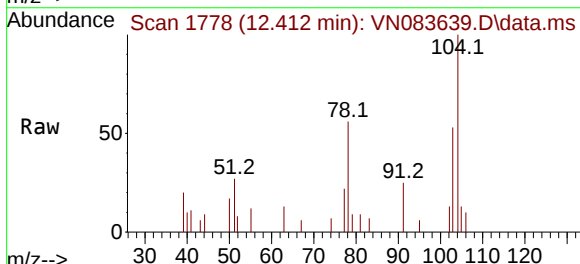
Instrument :
MSVOA_N
ClientSampleId :

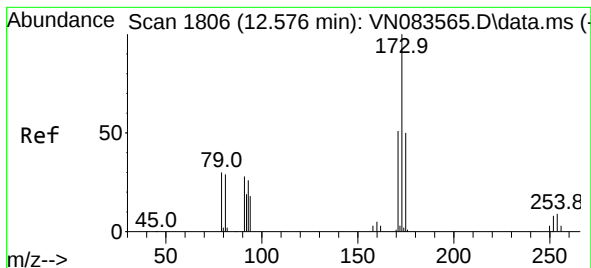
Tgt Ion:106 Resp: 1017
Ion Ratio Lower Upper
106 100
91 275.8 112.9 338.6



#70
Styrene
Concen: 0.630 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion:104 Resp: 4624
Ion Ratio Lower Upper
104 100
78 52.2 43.3 64.9
103 51.8 43.4 65.2





#71

Bromoform

Concen: 0.342 ug/l

RT: 12.570 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083639.D

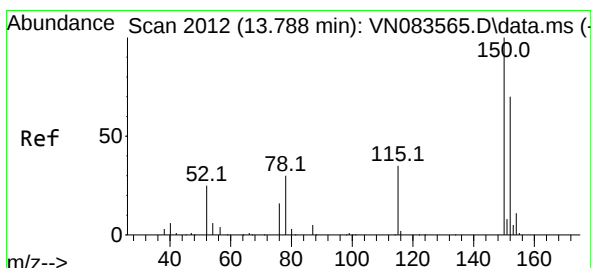
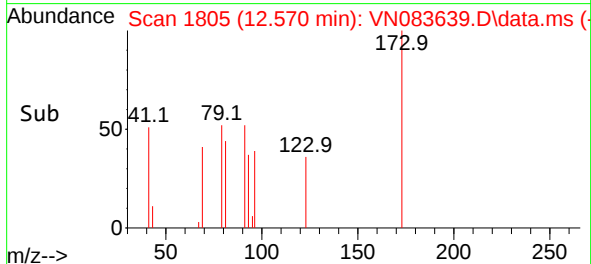
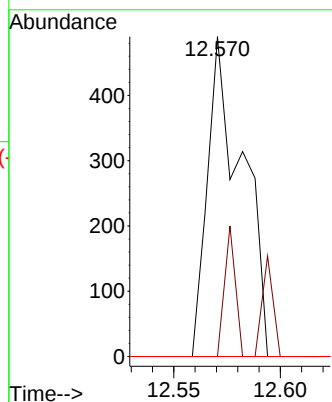
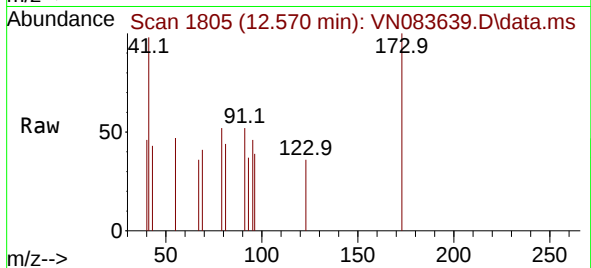
Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	553
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

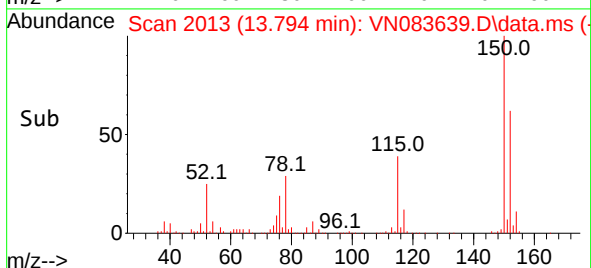
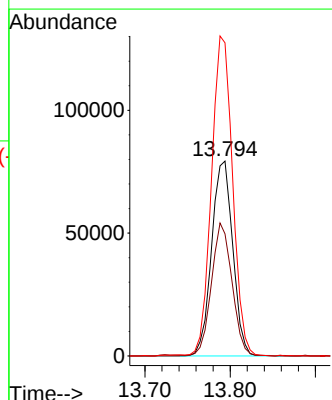
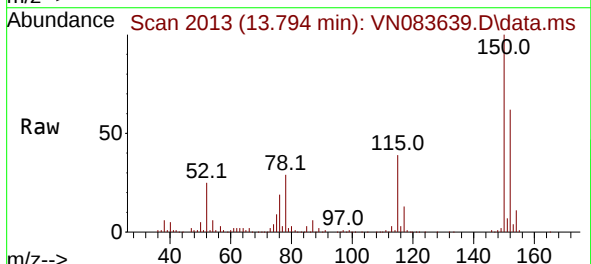
RT: 13.794 min Scan# 2013

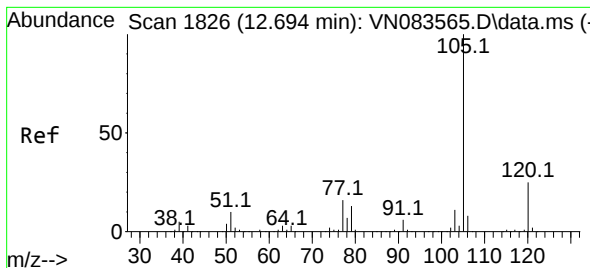
Delta R.T. 0.006 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Tgt Ion:152	Resp:	136887
Ion Ratio	Lower	Upper
152	100	
115	66.3	32.2 96.6
150	164.3	0.0 348.6





#73

Isopropylbenzene

Concen: 0.325 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

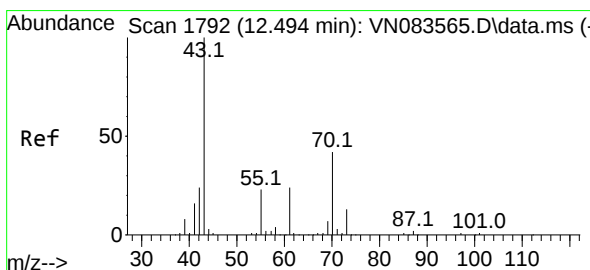
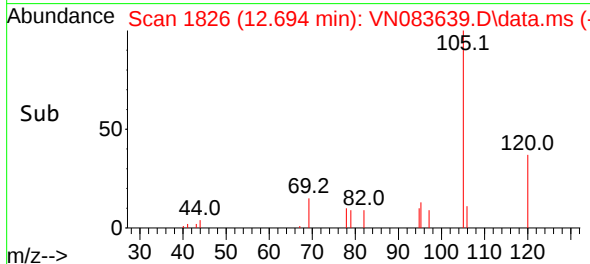
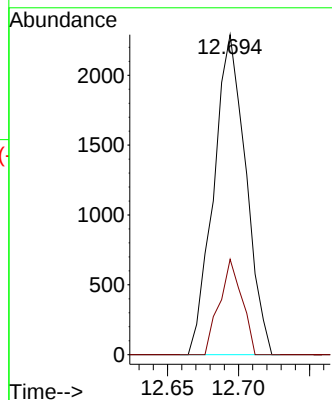
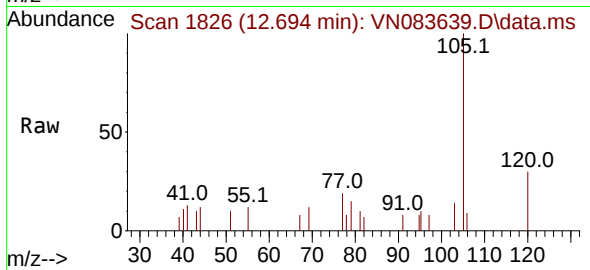
ClientSampleId :

Tgt Ion:105 Resp: 3603

Ion Ratio Lower Upper

105 100

120 20.8 12.6 37.8



#74

N-ethyl acetate

Concen: 0.385 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Tgt Ion: 43 Resp: 1851

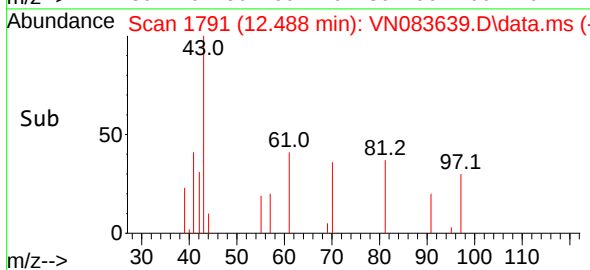
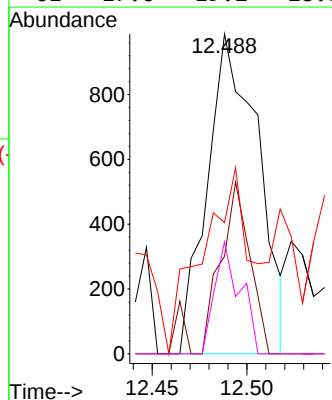
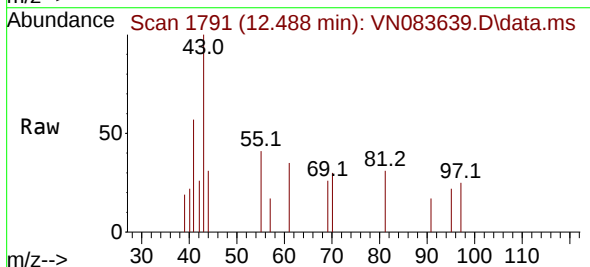
Ion Ratio Lower Upper

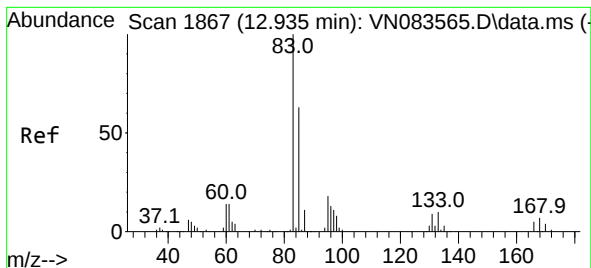
43 100

70 30.6 34.5 51.7#

55 53.2 18.6 28.0#

61 17.6 19.2 28.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.441 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN083639.D

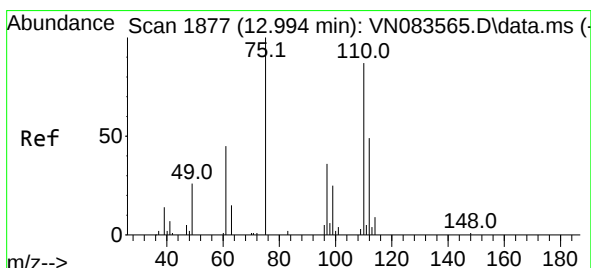
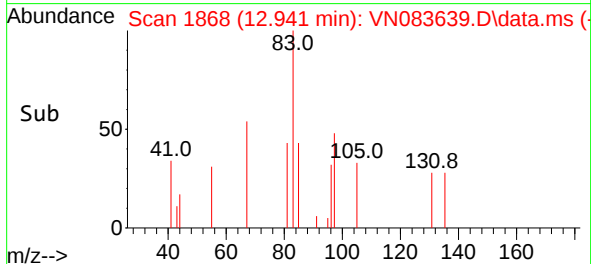
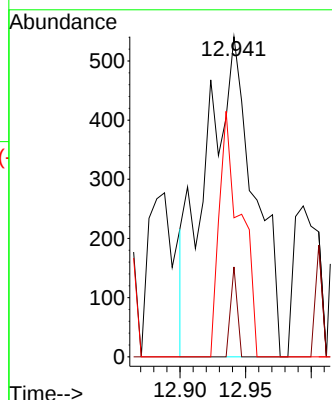
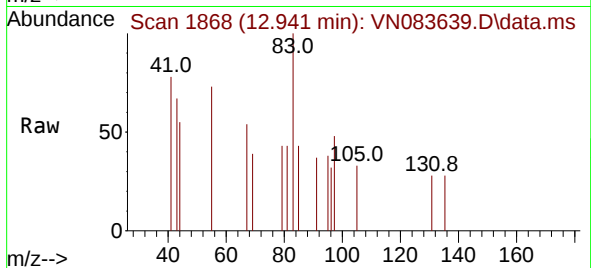
Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp:	1388
Ion Ratio	Lower	Upper
83	100	
131	3.9	5.2
85	33.9	31.9



#76

1,2,3-Trichloropropane

Concen: 27.842 ug/l

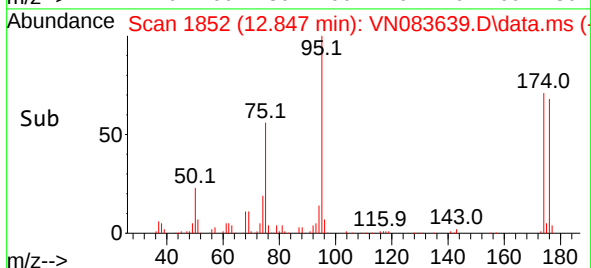
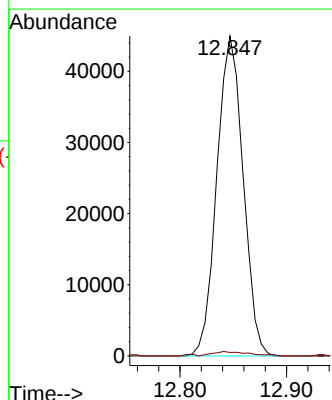
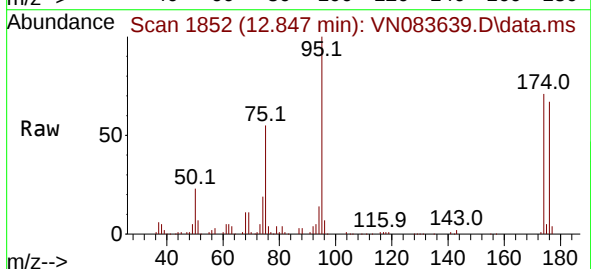
RT: 12.847 min Scan# 1852

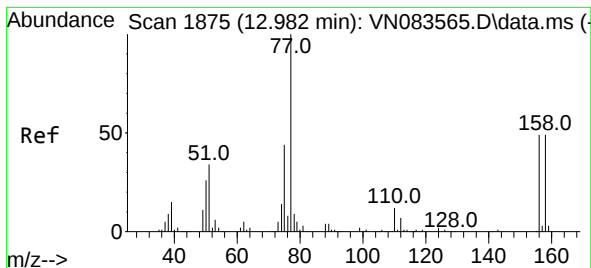
Delta R.T. -0.147 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Tgt Ion: 75	Resp:	76949
Ion Ratio	Lower	Upper
75	100	
77	1.9	95.2





#77

Bromobenzene

Concen: 0.796 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083639.D

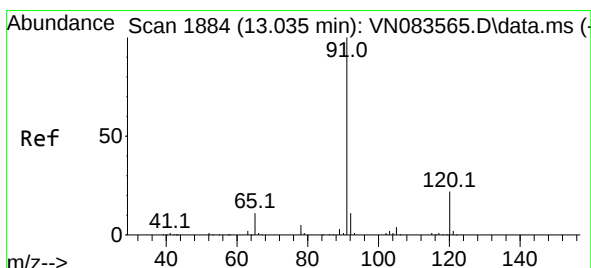
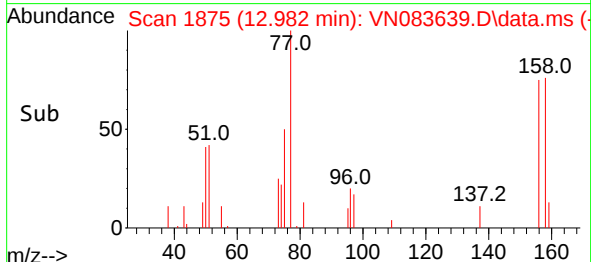
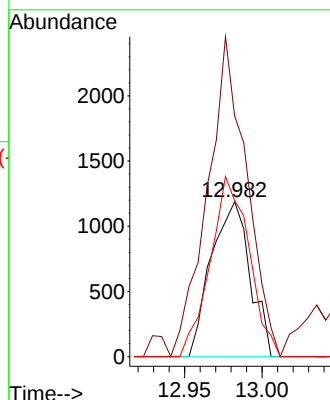
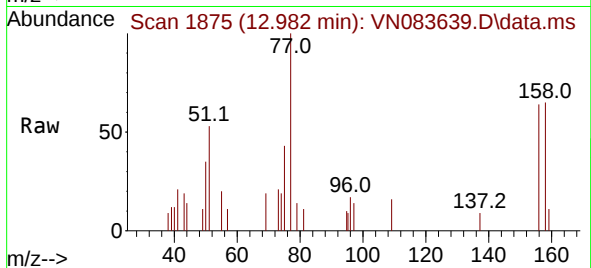
Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	2070
Ion	Ratio	Lower	Upper
156	100		
77	213.5	114.3	343.1
158	116.0	48.9	146.7



#78

n-propylbenzene

Concen: 0.696 ug/l

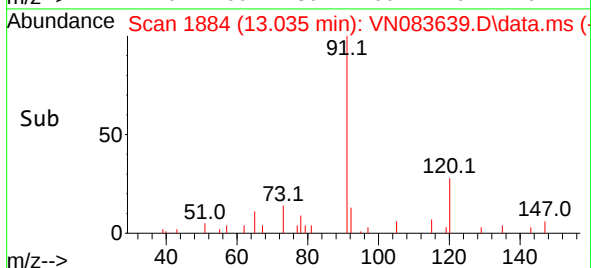
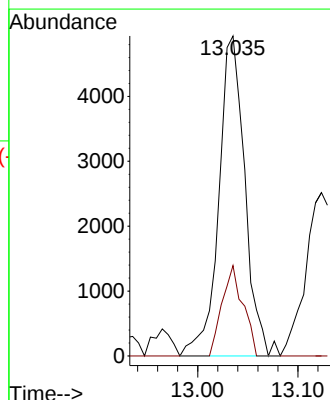
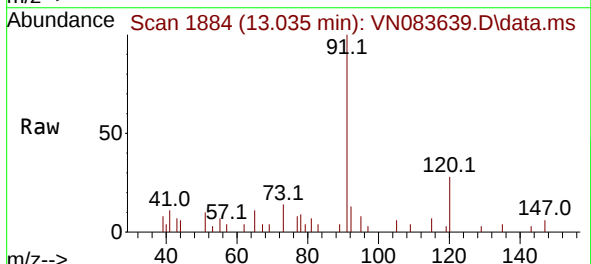
RT: 13.035 min Scan# 1884

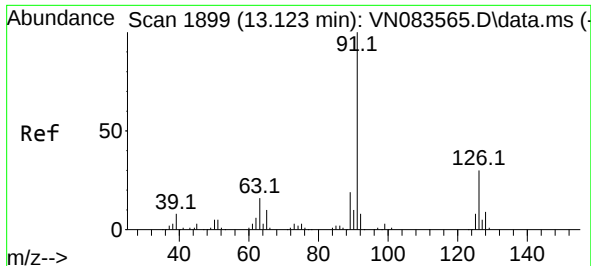
Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Tgt Ion:	91	Resp:	8915
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.0	33.0





#79

2-Chlorotoluene

Concen: 0.611 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

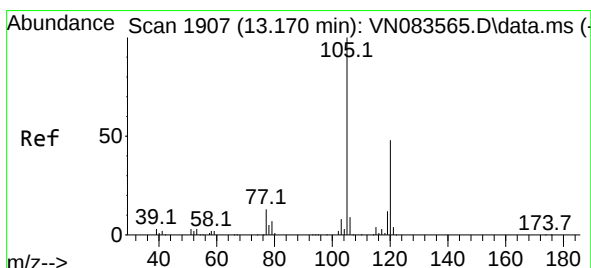
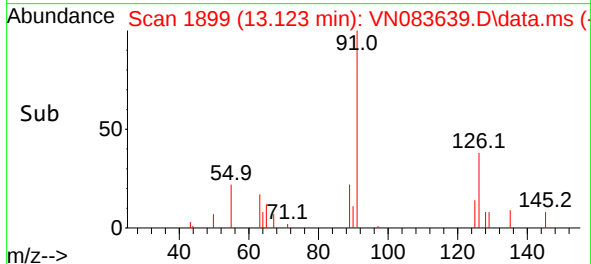
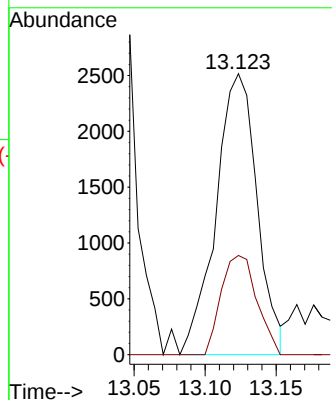
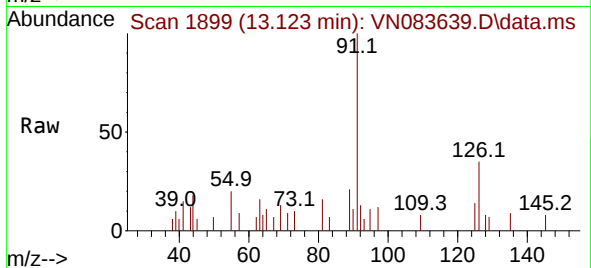
ClientSampleId :

Tgt Ion: 91 Resp: 5074

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 0.421 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083639.D

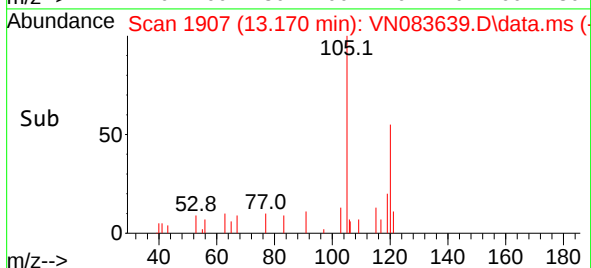
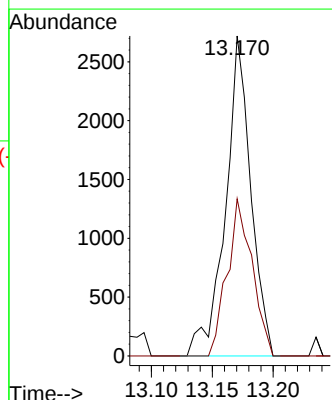
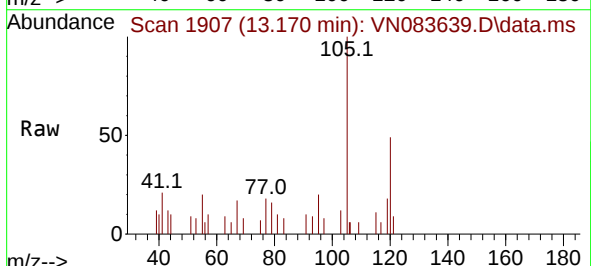
Acq: 04 Sep 2024 10:53

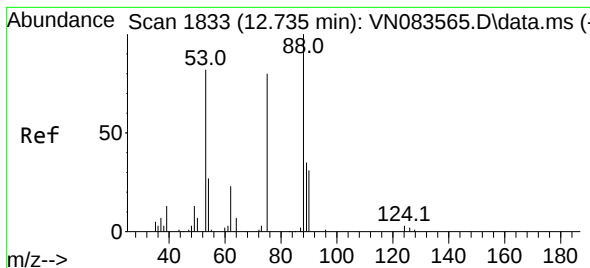
Tgt Ion: 105 Resp: 3933

Ion Ratio Lower Upper

105 100

120 48.3 23.4 70.3

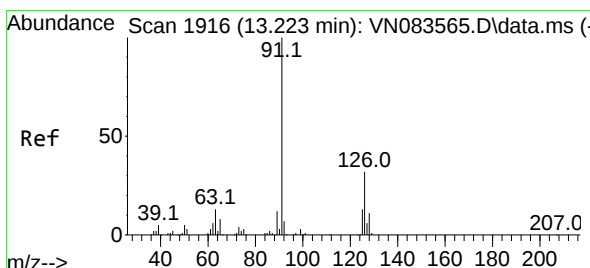
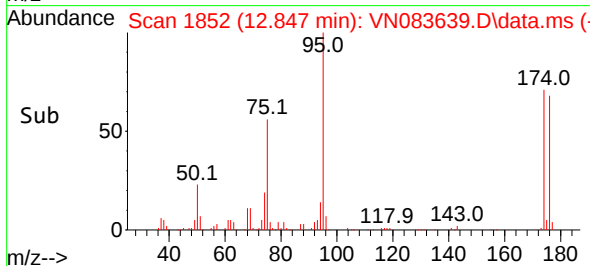
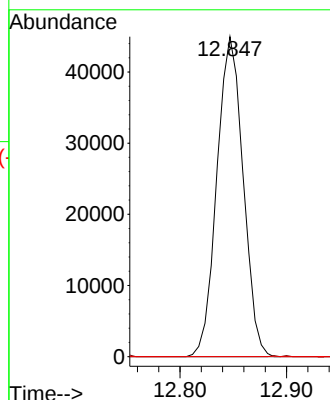
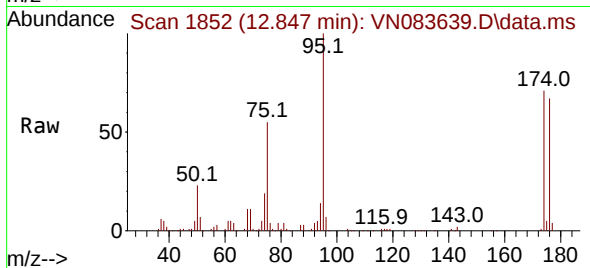




#81
trans-1,4-Dichloro-2-butene
Concen: 65.669 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

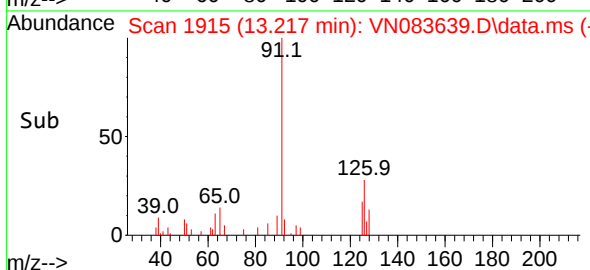
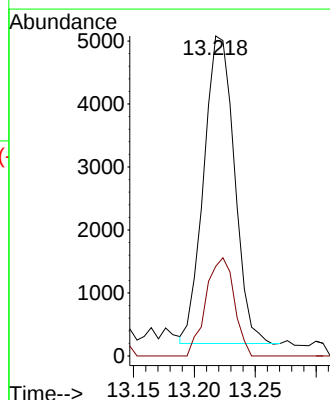
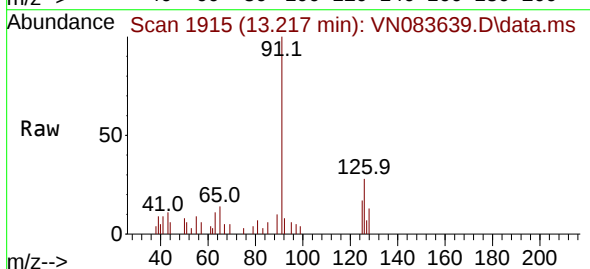
Instrument :
MSVOA_N
ClientSampleId :

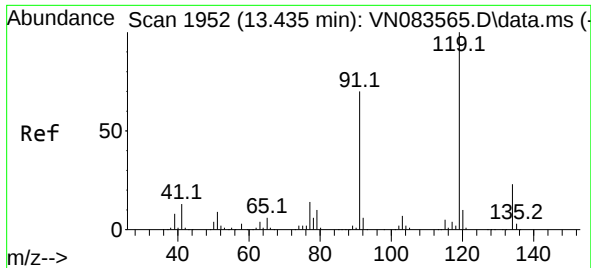
Tgt Ion: 75 Resp: 76949
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 1.014 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

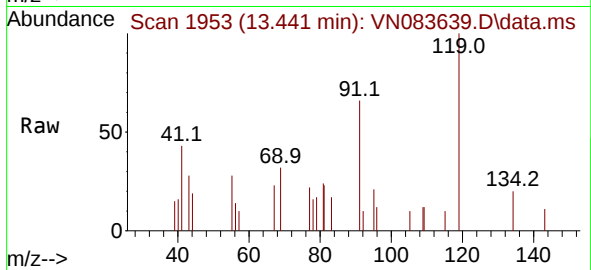
Tgt Ion: 91 Resp: 8554
Ion Ratio Lower Upper
91 100
126 29.4 15.4 46.2



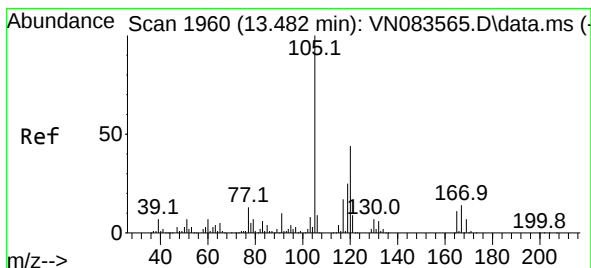
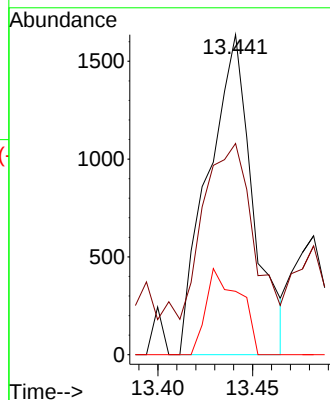
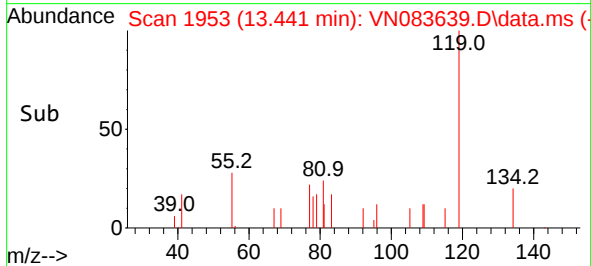


#83
tert-Butylbenzene
Concen: 0.324 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :

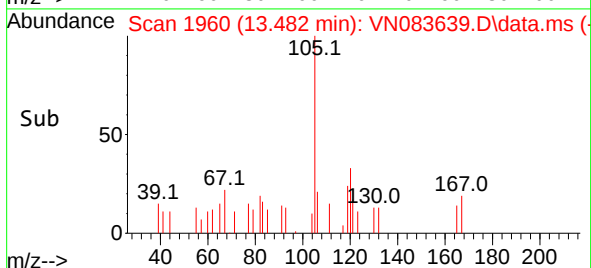
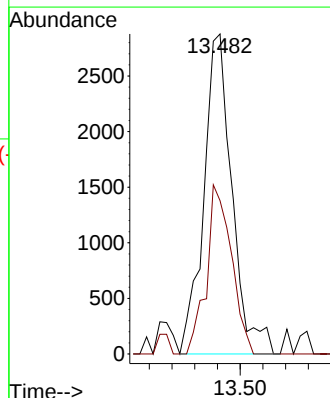
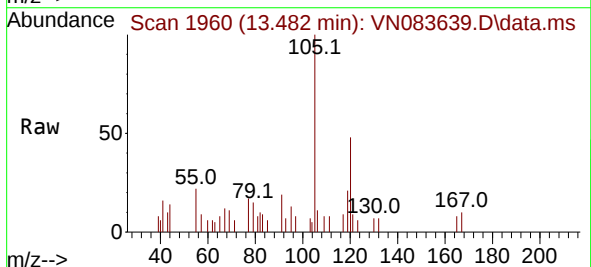


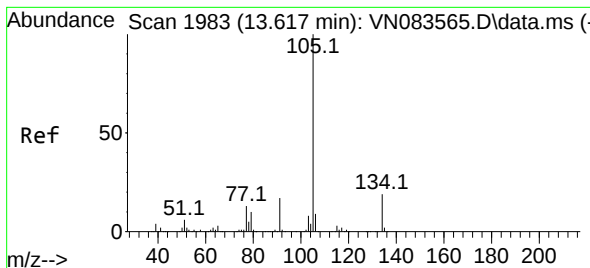
Tgt Ion:119 Resp: 2691
Ion Ratio Lower Upper
119 100
91 58.3 34.5 103.6
134 20.2 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 0.530 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion:105 Resp: 4981
Ion Ratio Lower Upper
105 100
120 46.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 0.517 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

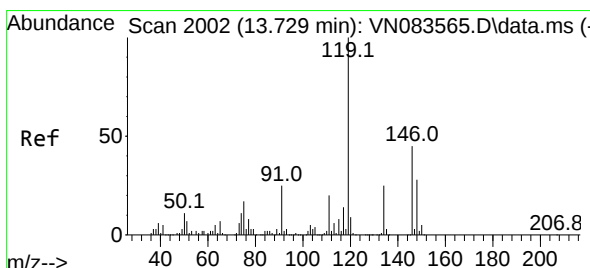
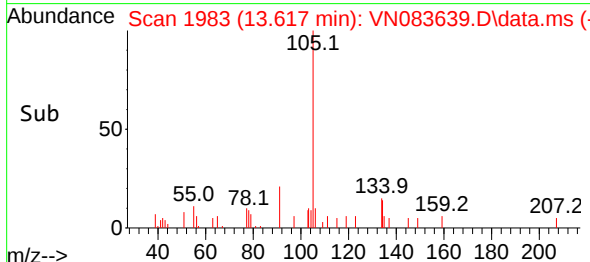
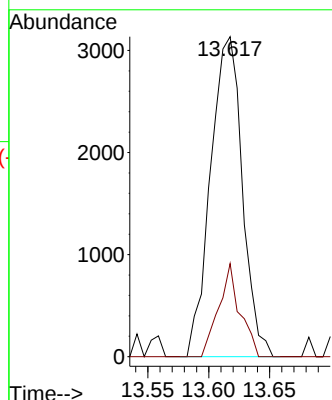
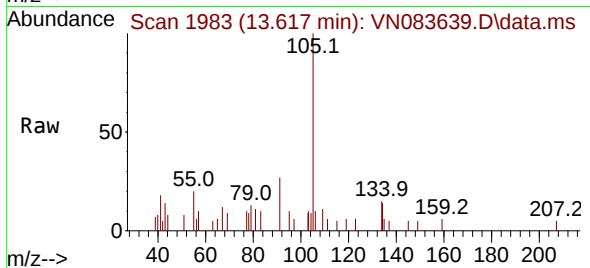
ClientSampleId :

Tgt Ion:105 Resp: 5698

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 0.600 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

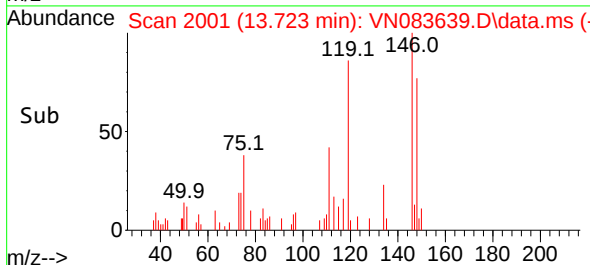
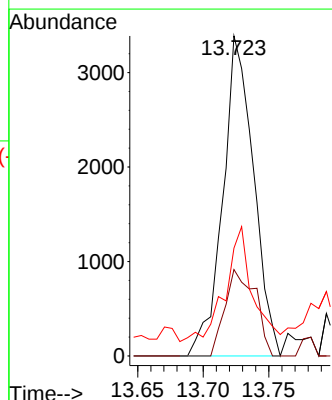
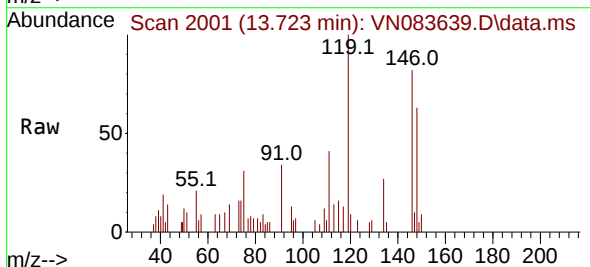
Tgt Ion:119 Resp: 5526

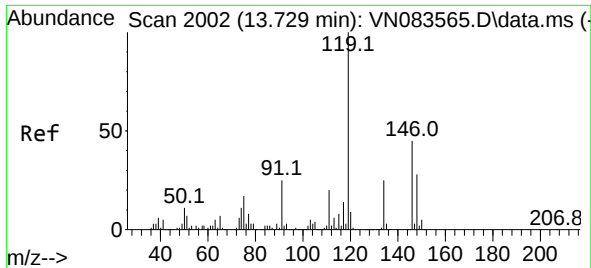
Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.3

91 33.0 12.9 38.7

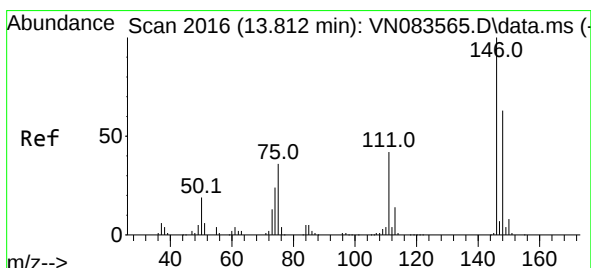
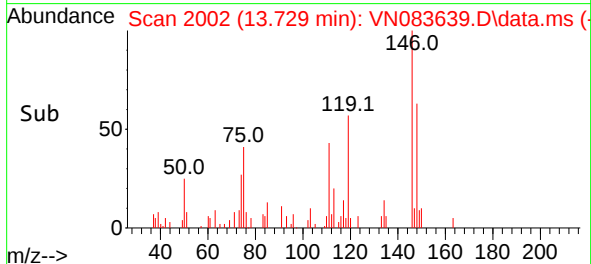
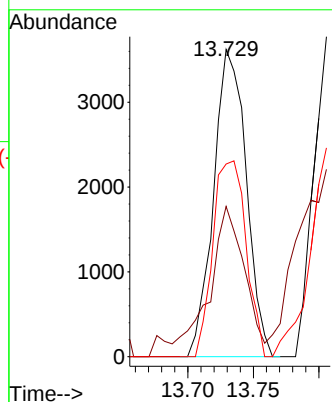
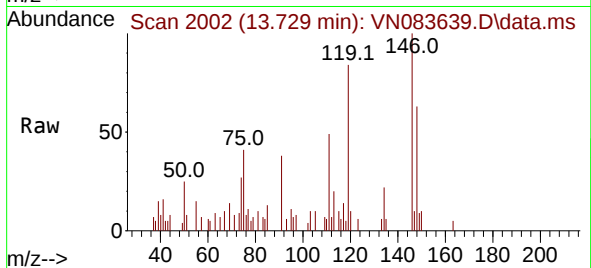




#87
1,3-Dichlorobenzene
Concen: 1.243 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

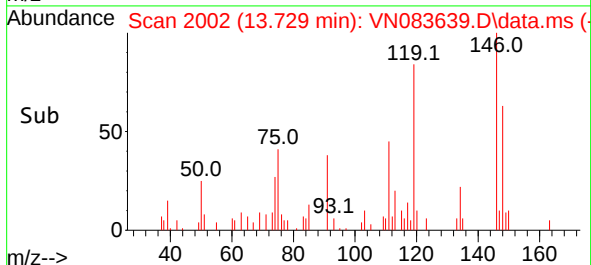
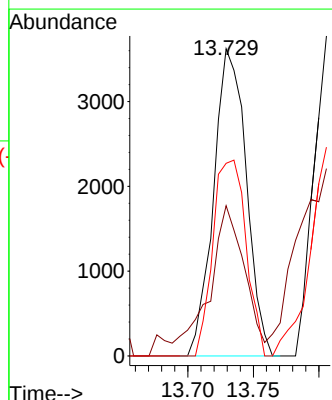
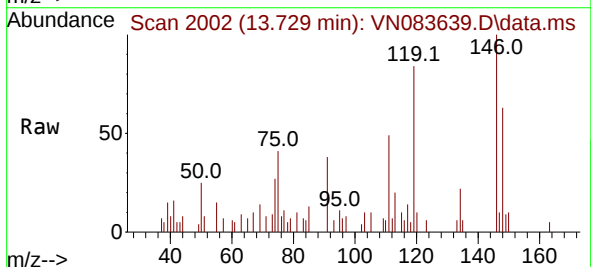
Instrument :
MSVOA_N
ClientSampleId :

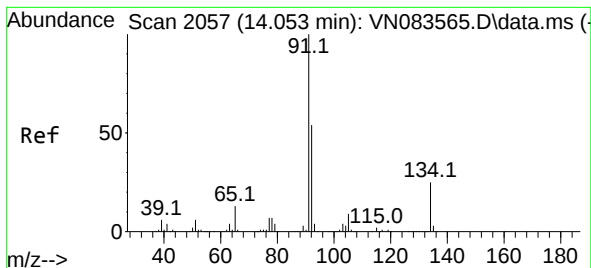
Tgt Ion:146 Resp: 6270
Ion Ratio Lower Upper
146 100
111 56.1 21.7 65.1
148 64.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 1.209 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.082 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion:146 Resp: 6270
Ion Ratio Lower Upper
146 100
111 56.1 21.3 64.0
148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 1.194 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

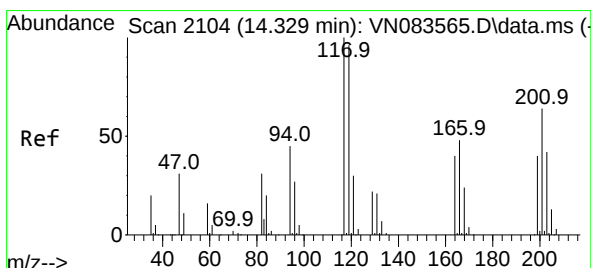
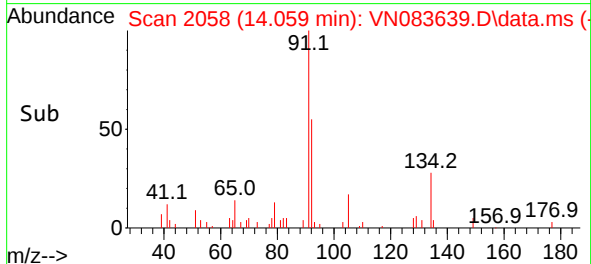
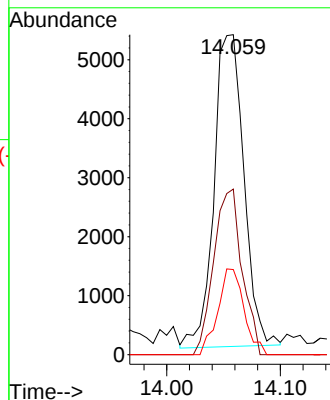
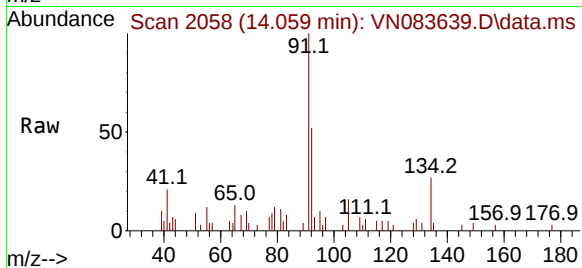
Tgt Ion: 91 Resp: 9675

Ion Ratio Lower Upper

91 100

92 50.1 26.7 80.1

134 24.0 12.2 36.4



#90

Hexachloroethane

Concen: 0.323 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN083639.D

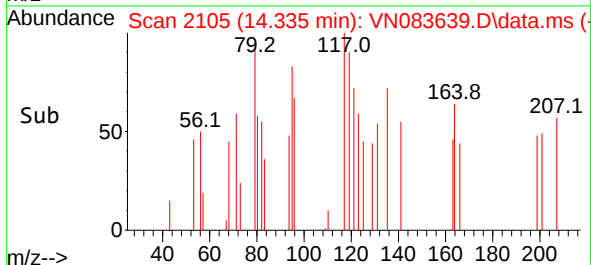
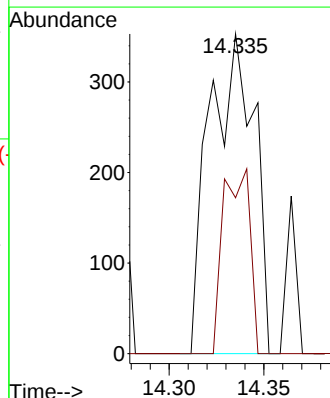
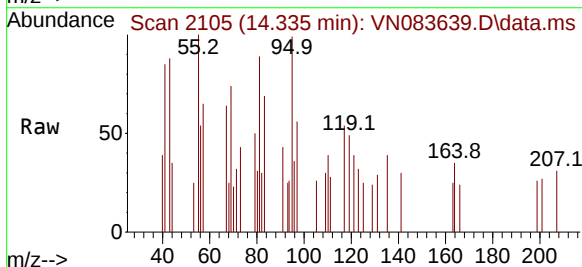
Acq: 04 Sep 2024 10:53

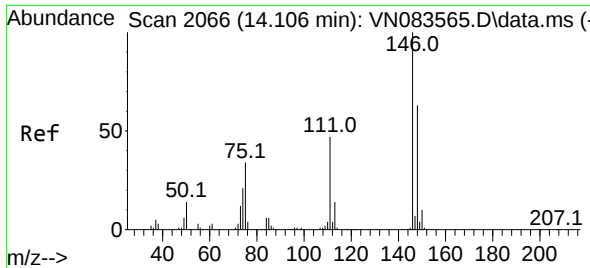
Tgt Ion: 117 Resp: 580

Ion Ratio Lower Upper

117 100

201 34.7 32.8 98.3

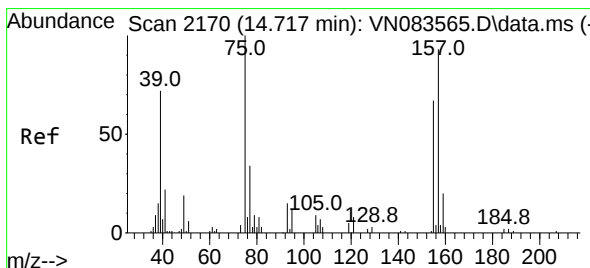
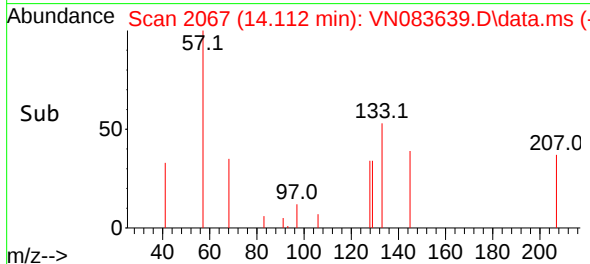
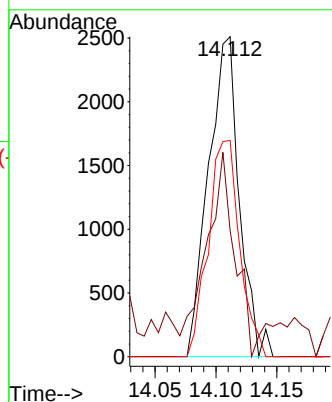
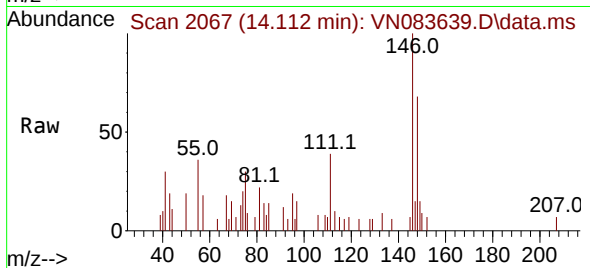




#91
1,2-Dichlorobenzene
Concen: 0.910 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

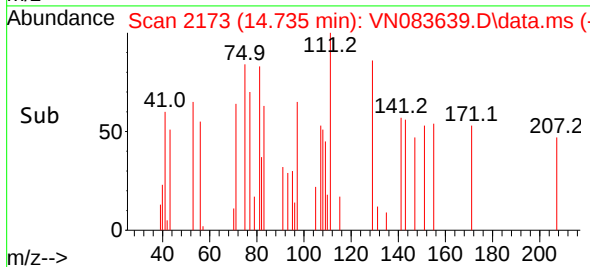
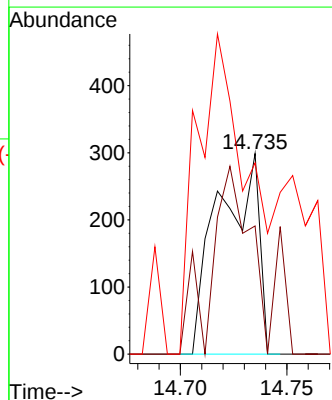
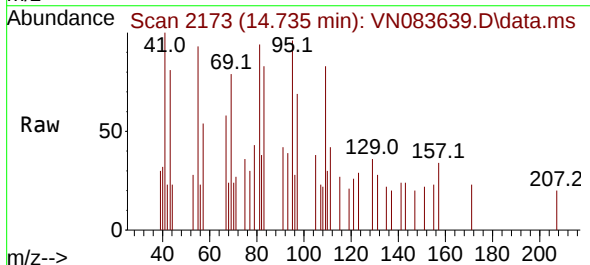
Instrument :
MSVOA_N
ClientSampleId :

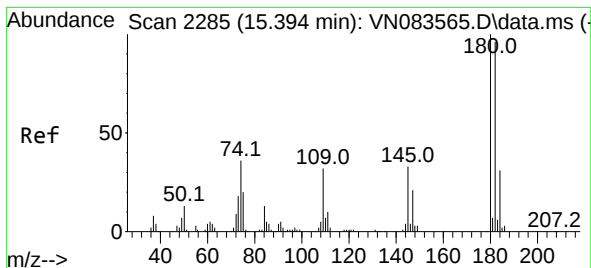
Tgt Ion:146 Resp: 4423
Ion Ratio Lower Upper
146 100
111 45.7 22.8 68.3
148 68.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.576 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.018 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 75 Resp: 393
Ion Ratio Lower Upper
75 100
155 107.6 35.9 107.7
157 199.2 47.5 142.5#





#93

1,2,4-Trichlorobenzene

Concen: 2.002 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

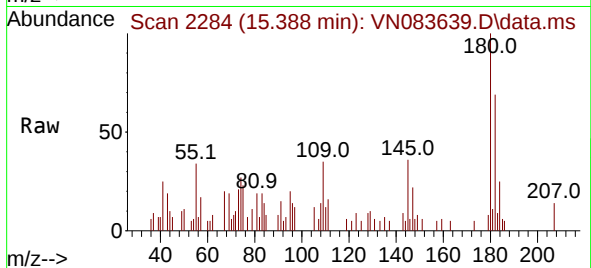
Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :



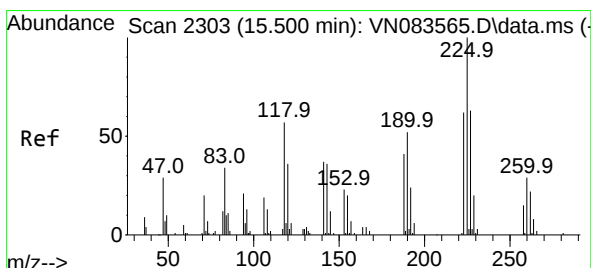
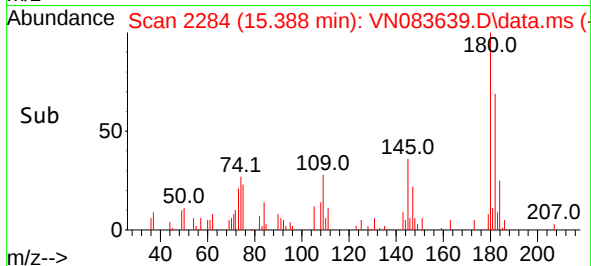
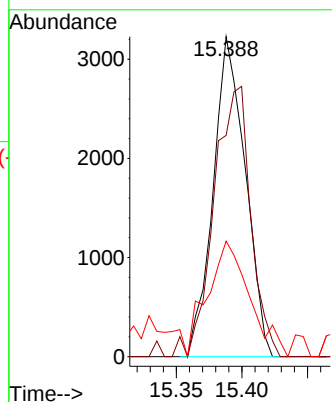
Tgt Ion:180 Resp: 5517

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.3

145 47.1 16.9 50.7



#94

Hexachlorobutadiene

Concen: 1.362 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

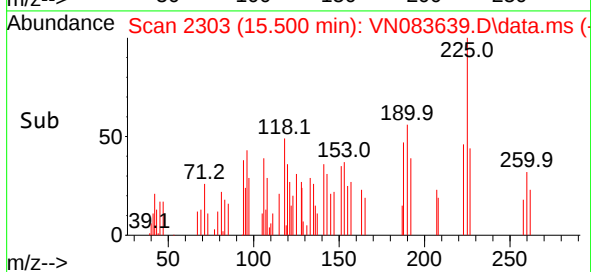
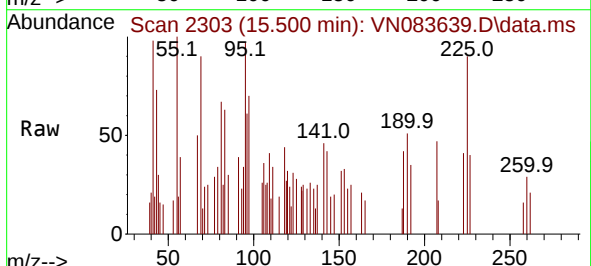
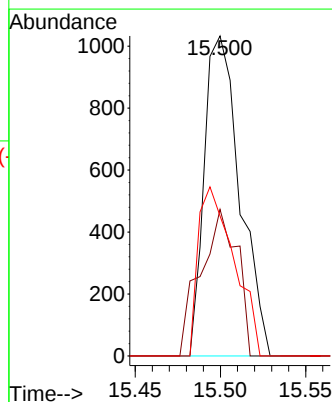
Tgt Ion:225 Resp: 1503

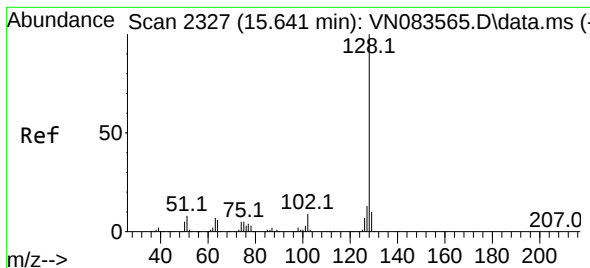
Ion Ratio Lower Upper

225 100

223 47.1 31.9 95.5

227 53.1 32.0 96.2





#95

Naphthalene

Concen: 2.175 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

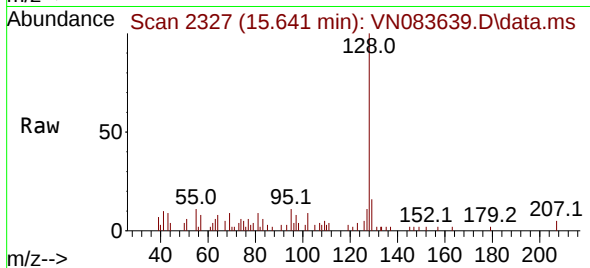
Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

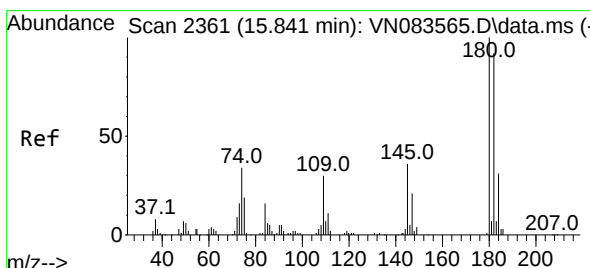
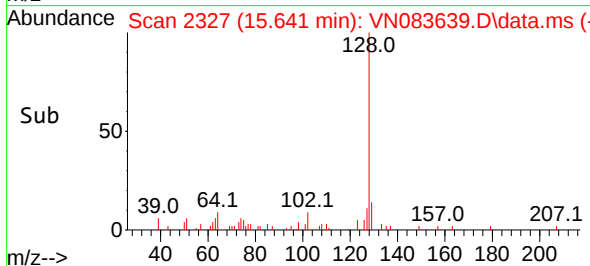
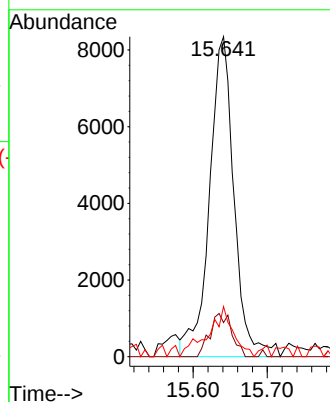
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	19258
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.2	15.2
129	15.8	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.924 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

Tgt Ion:	180	Resp:	5297
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.1	141.4
145	51.7	17.8	53.5

