

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087355.D
 Acq On : 18 Jul 2025 10:21
 Operator : JC\MD
 Sample : VN0718WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Quant Time: Jul 18 23:16:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	45417	30.000	ug/l	-0.03
28) 1,4-Difluorobenzene	9.083	114	246982	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	221231	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	113766	33.246	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	= 110.833%#	
60) 4-Bromofluorobenzene	12.829	95	108182	31.689	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	= 105.633%	
63) Toluene-d8	10.547	98	300395	30.241	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	41580	15.209	ug/l	97
3) Chloromethane	2.383	50	49078	17.576	ug/l	97
4) Vinyl Chloride	2.536	62	54781	18.051	ug/l	91
5) Bromomethane	2.989	94	30916	19.195	ug/l	92
6) Chloroethane	3.136	64	33714	20.709	ug/l	94
7) Trichlorofluoromethane	3.512	101	76896	20.657	ug/l	93
8) Diethyl Ether	3.965	74	32186	17.598	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.359	101	41077	14.883	ug/l #	80
10) 1,1-Dichloroethene	4.330	96	43760	15.906	ug/l	92
11) Methyl Iodide	4.577	142	45676	18.532	ug/l	82
12) Methyl Acetate	5.018	43	84214	19.515	ug/l	97
13) Acrolein	4.177	56	37036	55.852	ug/l	98
14) Acrylonitrile	5.706	53	175660	87.267	ug/l	98
15) Acetone	4.418	58	42629	72.602	ug/l	83
16) Carbon Disulfide	4.700	76	118010	14.671	ug/l	96
17) Allyl chloride	5.012	41	84238	18.564	ug/l	95
18) Methylene Chloride	5.265	84	57436	18.021	ug/l	96
19) trans-1,2-Dichloroethene	5.771	96	50586	16.813	ug/l	91
20) Diisopropyl ether	6.665	45	196649	20.426	ug/l	93
21) 1,1-Dichloroethane	6.553	63	108439	18.846	ug/l	98
22) cis-1,2-Dichloroethene	7.477	96	63079	18.014	ug/l	96
23) tert-Butyl Alcohol	5.518	59	62936	83.138	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	191718	19.869	ug/l	99
25) Chloroform	7.947	83	107954	19.583	ug/l	96
26) Cyclohexane	8.241	56	76002	15.890	ug/l #	96
29) 1,1-Dichloropropene	8.359	75	69401	18.028	ug/l	98
30) 2-Butanone	7.471	43	242994	93.576	ug/l	97
31) 2,2-Dichloropropane	7.477	77	89209	19.198	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	90867	20.205	ug/l	98
33) Carbon Tetrachloride	8.347	117	76895	20.317	ug/l	94
34) Benzene	8.588	78	226341	18.559	ug/l	98
35) Methacrylonitrile	7.759	41	53923	20.605	ug/l	98
36) 1,2-Dichloroethane	8.653	62	85431	21.681	ug/l	100
37) Trichloroethene	9.335	130	52000	18.486	ug/l	96
38) Methylcyclohexane	9.583	83	74394	16.843	ug/l	100
39) 1,2-Dichloropropane	9.606	63	59091	19.305	ug/l	94
40) Dibromomethane	9.694	93	42558	20.447	ug/l	97
41) Bromodichloromethane	9.871	83	87740	20.884	ug/l #	98
42) Vinyl Acetate	6.589	43	772358	91.447	ug/l	99

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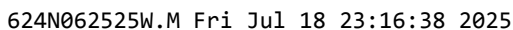
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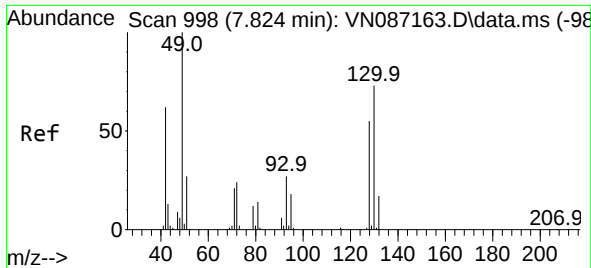
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	84016	17.923	ug/l	99
44) Isopropyl Acetate	8.677	43	156975	20.553	ug/l	99
45) 1,4-Dioxane	9.683	88	19642	380.180	ug/l	99
46) Methyl methacrylate	9.665	41	63419	17.862	ug/l	97
47) n-amyl Acetate	12.512	43	47913	10.261	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	92274	19.702	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	98933	19.870	ug/l	92
50) 1,1,2-Trichloroethane	10.994	97	56918	19.251	ug/l	92
51) Ethyl methacrylate	10.859	69	88429	19.650	ug/l	85
52) 1,3-Dichloropropane	11.147	76	99605	19.623	ug/l	99
53) Dibromochloromethane	11.341	129	63884	20.584	ug/l	99
54) 1,2-Dibromoethane	11.447	107	56210	18.427	ug/l	95
55) 2-Chloroethyl vinyl ether	10.141	63	251326	97.433	ug/l	100
56) Bromoform	12.559	173	41775	19.580	ug/l #	96
58) 4-Methyl-2-Pentanone	10.430	43	483749	108.767	ug/l	96
59) 2-Hexanone	11.177	43	324430	112.967	ug/l	91
61) Tetrachloroethene	11.082	164	42826	19.548	ug/l	95
62) Toluene	10.612	91	234475	18.766	ug/l	98
64) Chlorobenzene	11.871	112	155289	19.484	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	54604	20.735	ug/l	98
66) Ethyl Benzene	11.941	91	255591	18.689	ug/l	97
67) m/p-Xylenes	12.053	106	202366	38.614	ug/l	99
68) o-Xylene	12.376	106	98777	19.756	ug/l	99
69) Styrene	12.394	104	164025	19.109	ug/l	97
70) Isopropylbenzene	12.676	105	251596	20.205	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	84169	18.779	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	114244	29.557	ug/l	55
73) Bromobenzene	12.959	156	61915	20.497	ug/l	92
74) n-propylbenzene	13.018	91	305361	20.073	ug/l	98
75) 2-Chlorotoluene	13.106	91	186953	20.341	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	208165	20.535	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	30392	17.727	ug/l	94
78) 4-Chlorotoluene	13.200	91	191687	20.364	ug/l	98
79) tert-butylbenzene	13.418	119	182382	21.403	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	208842	20.516	ug/l	100
81) sec-Butylbenzene	13.594	105	265685	21.448	ug/l	97
82) p-Isopropyltoluene	13.706	119	221441	21.481	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	118319	20.341	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	119403	20.396	ug/l	99
85) n-Butylbenzene	14.035	91	202524	21.533	ug/l	98
86) Hexachloroethane	14.312	117	41171	21.099	ug/l	96
87) 1,2-Dichlorobenzene	14.082	146	112749	20.558	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	18696	18.524	ug/l	95
89) 1,2,4-Trichlorobenzene	15.812	180	68481	22.069	ug/l	99
90) Hexachlorobutadiene	15.476	225	28549	31.005	ug/l	97
91) Naphthalene	15.617	128	237010	19.408	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	68481	22.069	ug/l	99

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

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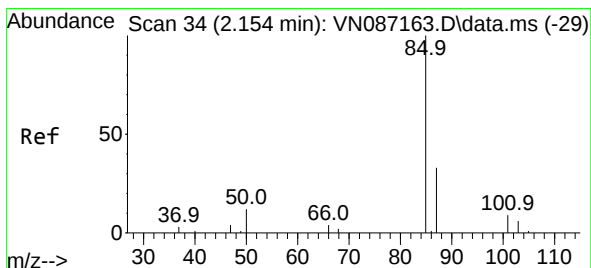
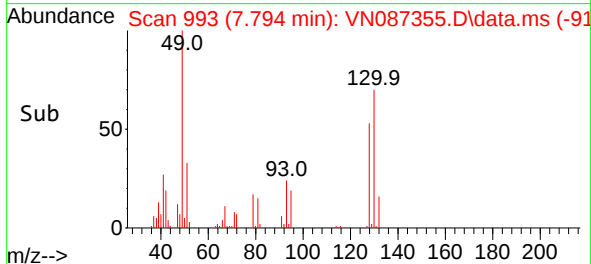
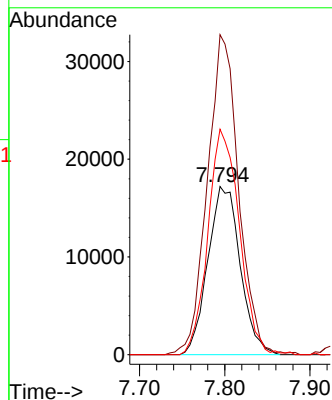
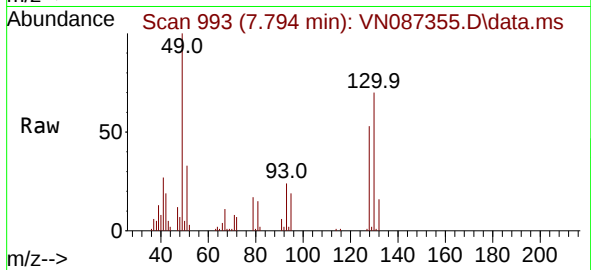




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.030 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

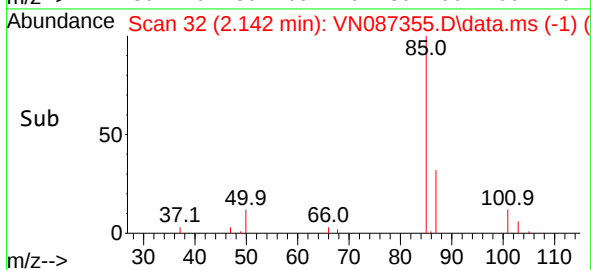
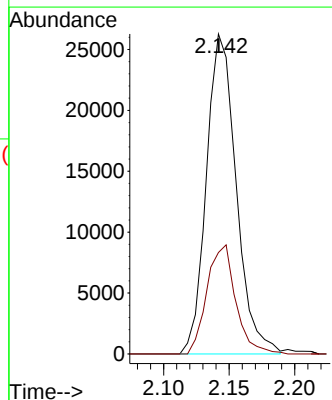
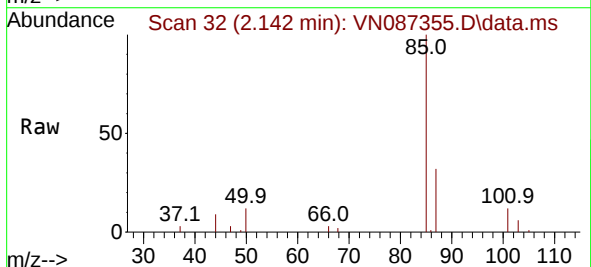
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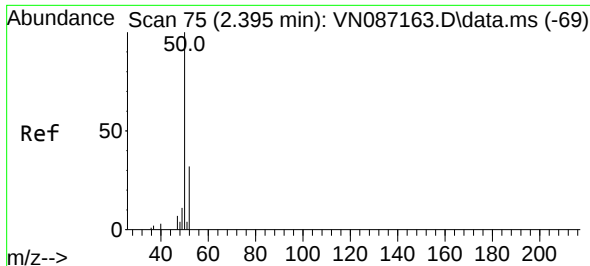
Tgt Ion:128 Resp: 45417
Ion Ratio Lower Upper
128 100
49 182.9 0.0 450.5
130 129.7 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 15.209 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.012 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 85 Resp: 41580
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

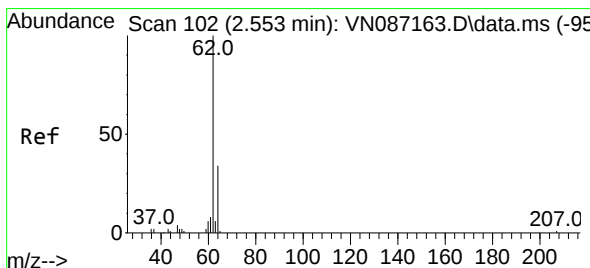
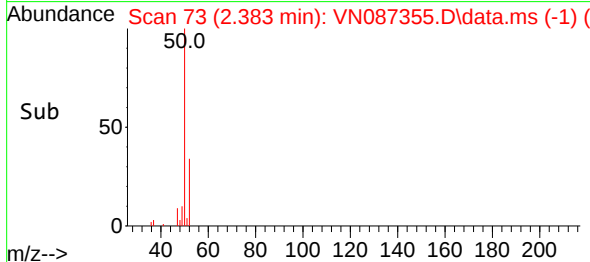
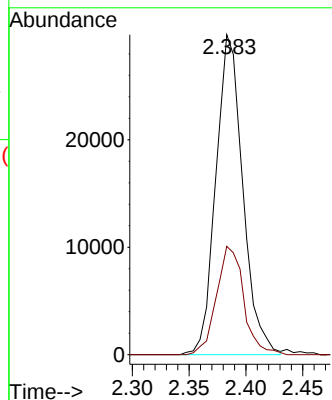
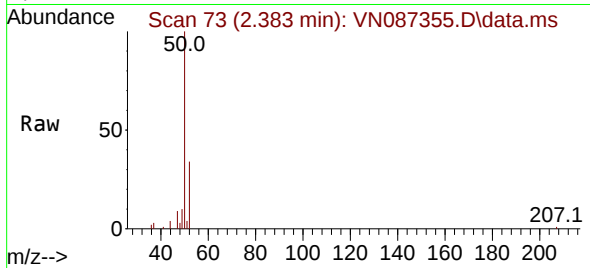




#3
Chloromethane
Concen: 17.576 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

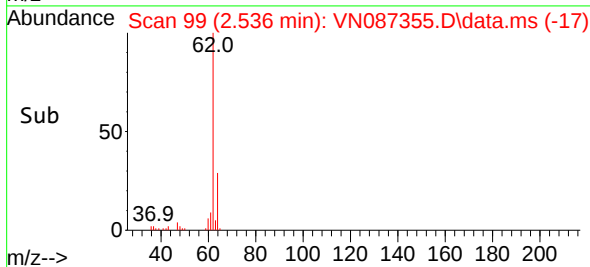
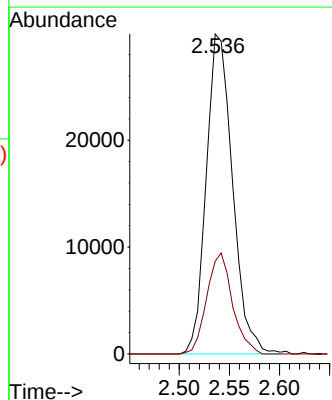
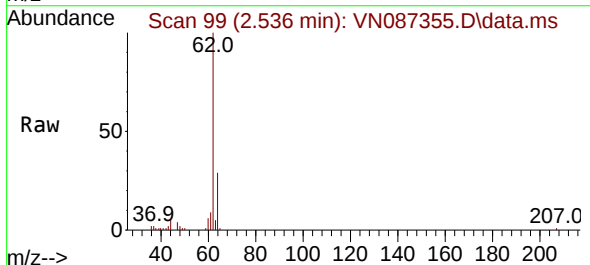
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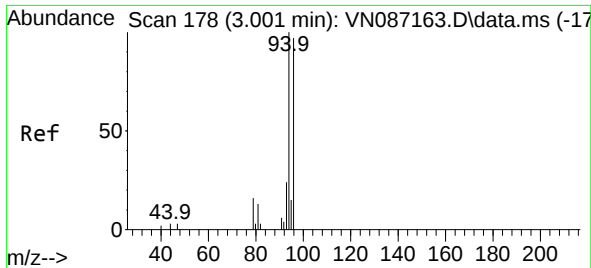
Tgt Ion: 50 Resp: 49078
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 18.051 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 62 Resp: 54781
Ion Ratio Lower Upper
62 100
64 29.0 27.4 41.2

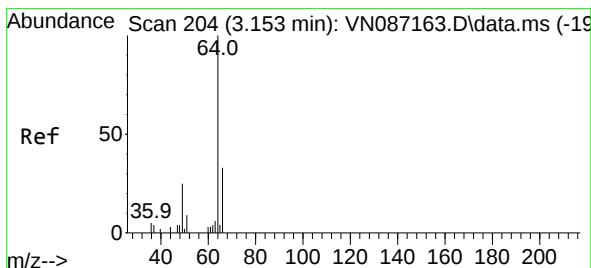
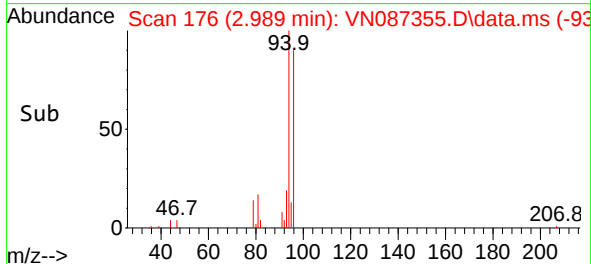
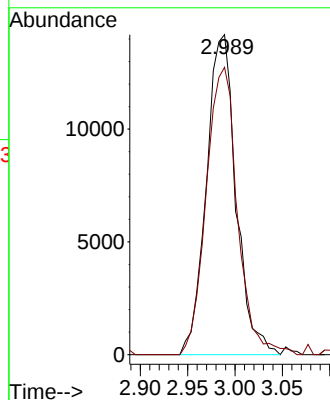
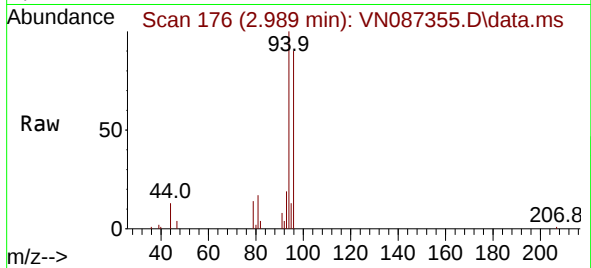




#5
Bromomethane
Concen: 19.195 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

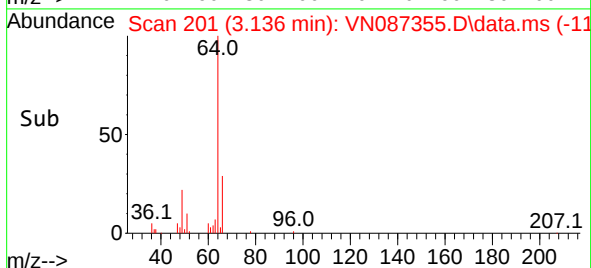
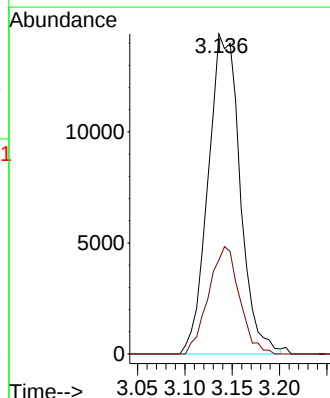
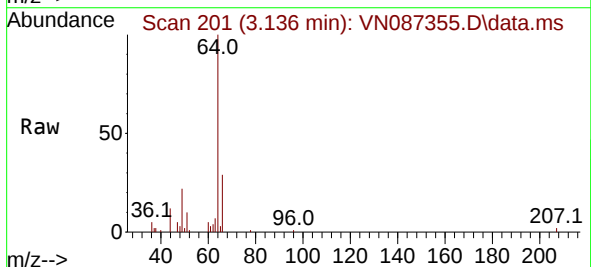
Instrument :
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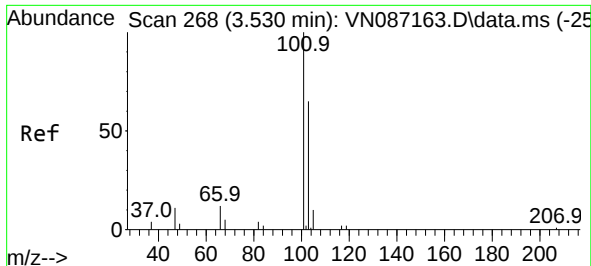
Tgt Ion: 94 Resp: 30916
Ion Ratio Lower Upper
94 100
96 89.8 77.9 116.9



#6
Chloroethane
Concen: 20.709 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 64 Resp: 33714
Ion Ratio Lower Upper
64 100
66 29.4 26.4 39.6

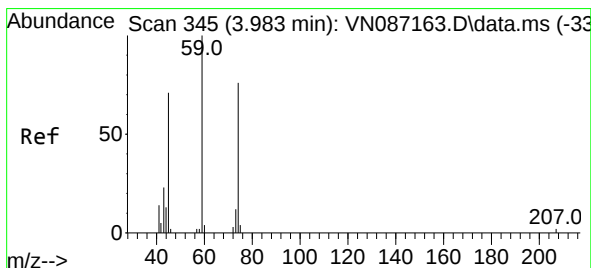
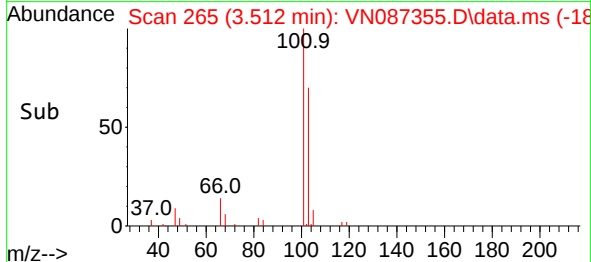
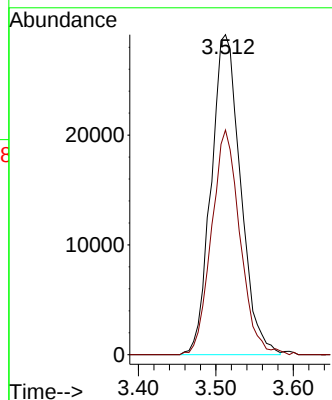
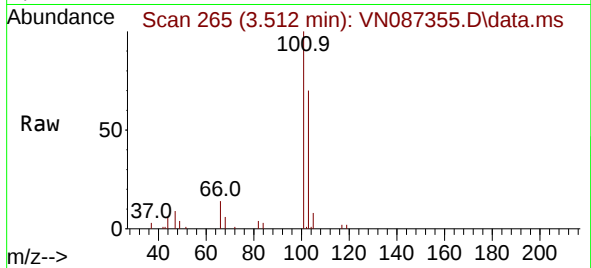




#7
 Trichlorofluoromethane
 Concen: 20.657 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: VN087355.D
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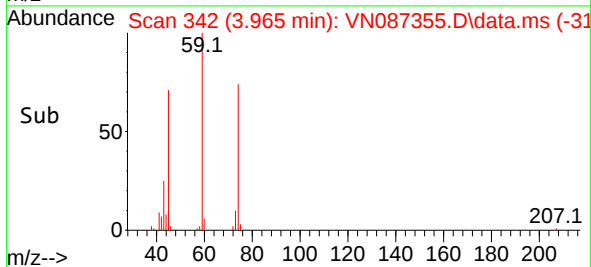
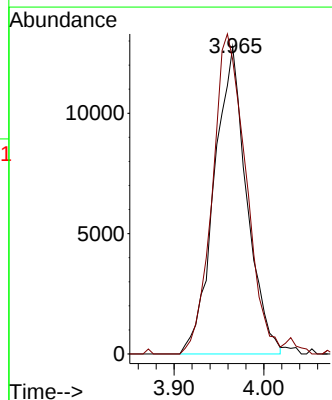
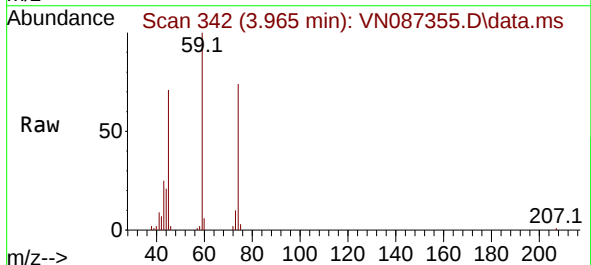
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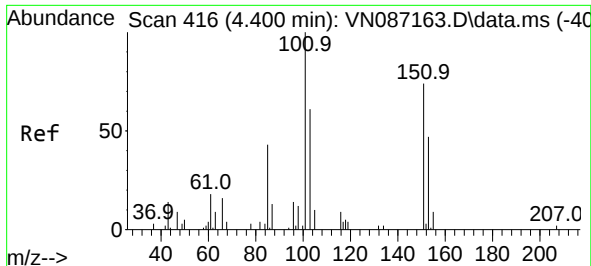
Tgt Ion:101 Resp: 76896
 Ion Ratio Lower Upper
 101 100
 103 70.2 51.8 77.8



#8
 Diethyl Ether
 Concen: 17.598 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.018 min
 Lab File: VN087355.D
 Acq: 18 Jul 2025 10:21

Tgt Ion: 74 Resp: 32186
 Ion Ratio Lower Upper
 74 100
 45 107.1 19.0 171.0

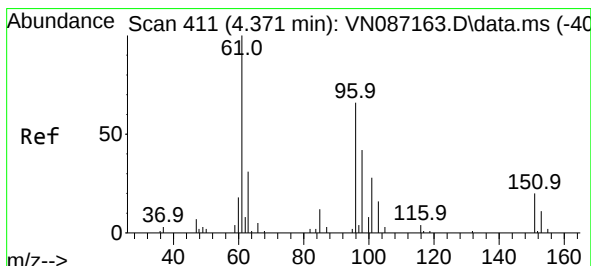
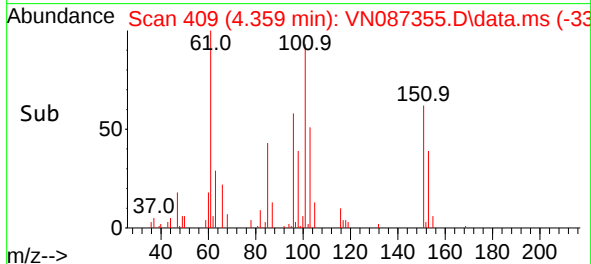
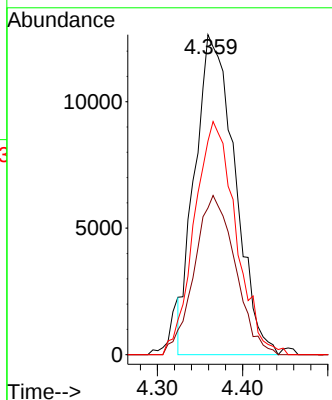
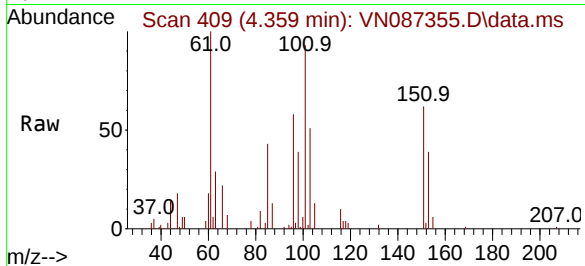




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.883 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.041 min
Lab File: VN087355.D
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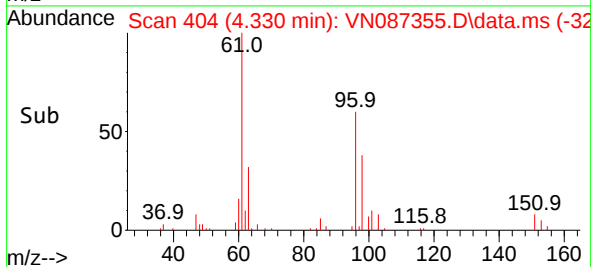
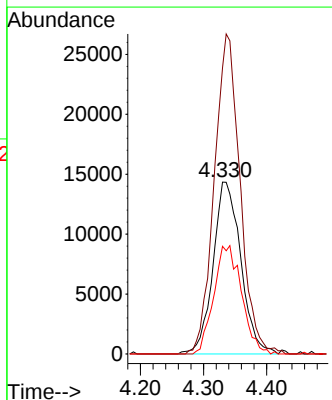
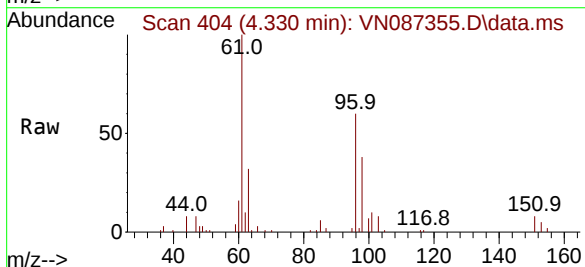
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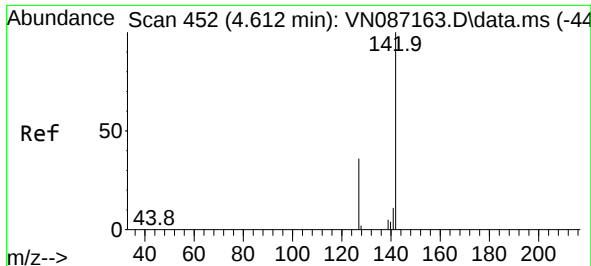
Tgt Ion:101 Resp: 41077
Ion Ratio Lower Upper
101 100
85 51.1 0.0 40.6#
151 75.9 0.0 141.2



#10
1,1-Dichloroethene
Concen: 15.906 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.041 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 96 Resp: 43760
Ion Ratio Lower Upper
96 100
61 166.5 122.0 183.0
98 62.7 50.3 75.5

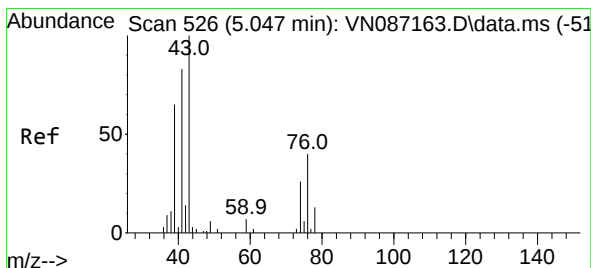
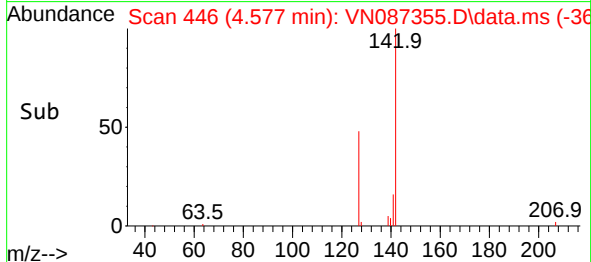
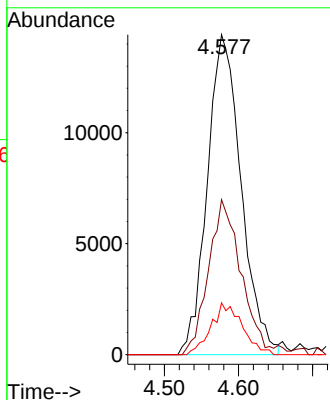
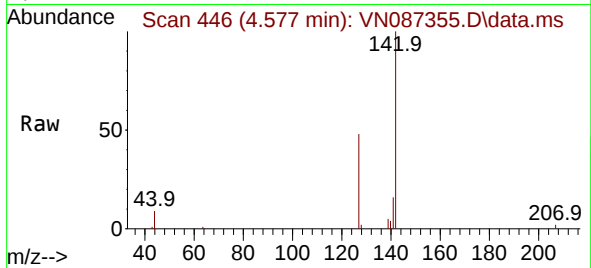




#11
Methyl Iodide
Concen: 18.532 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.035 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

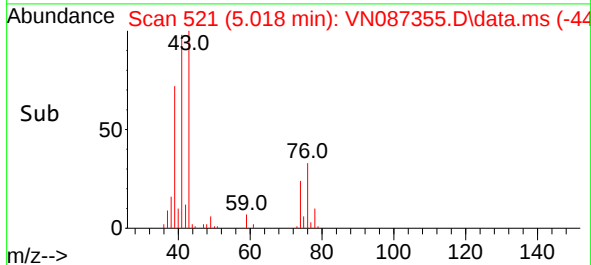
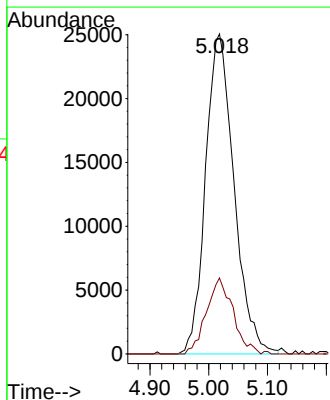
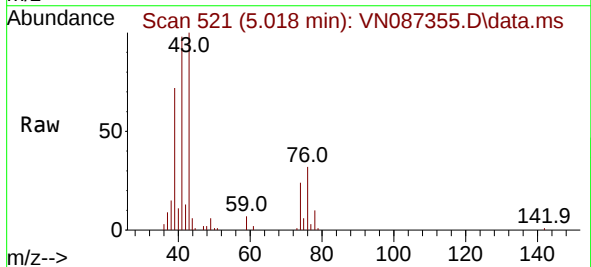
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

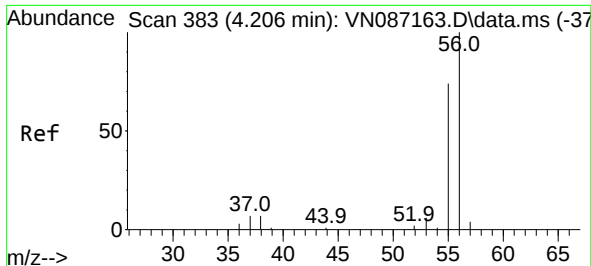
Tgt Ion:142 Resp: 45676
Ion Ratio Lower Upper
142 100
127 47.8 18.1 54.1
141 16.4 5.7 17.1



#12
Methyl Acetate
Concen: 19.515 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 43 Resp: 84214
Ion Ratio Lower Upper
43 100
74 23.9 20.3 30.5

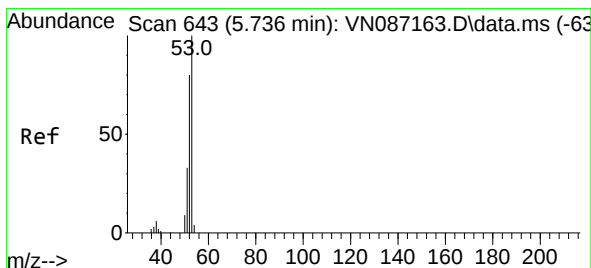
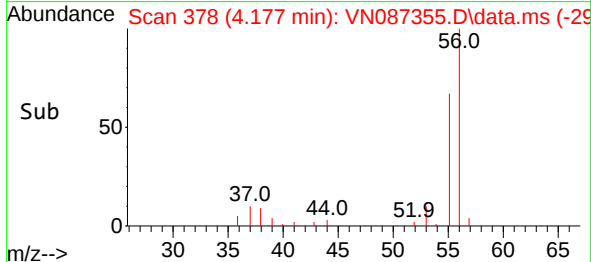
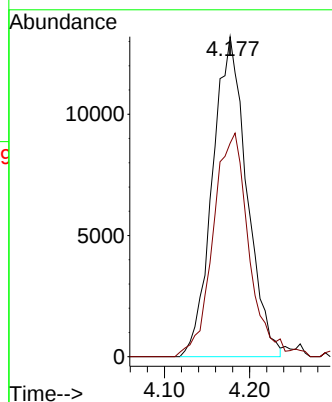
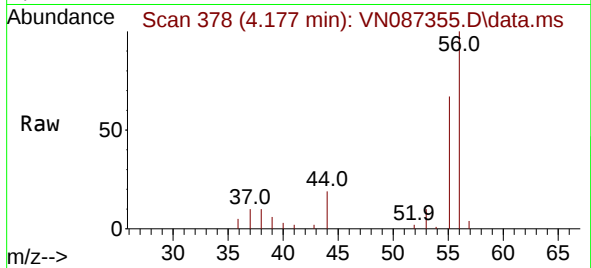




#13
Acrolein
Concen: 55.852 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

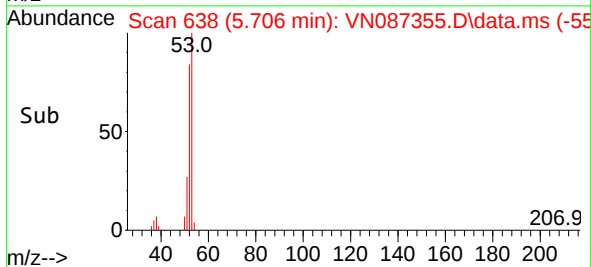
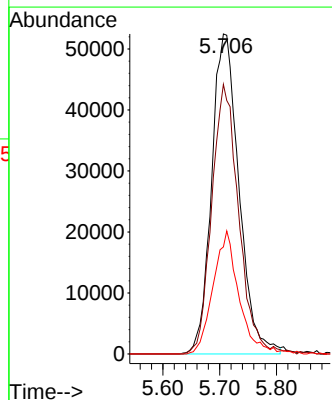
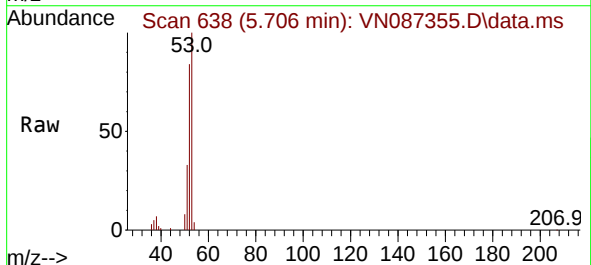
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

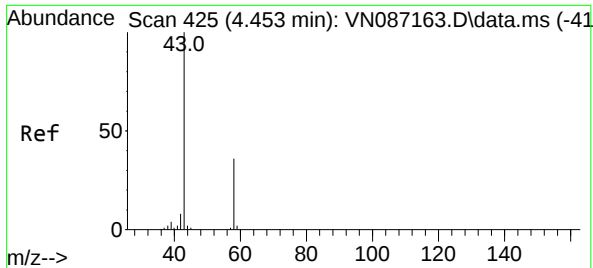
Tgt Ion: 56 Resp: 37036
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5



#14
Acrylonitrile
Concen: 87.267 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 53 Resp: 175660
Ion Ratio Lower Upper
53 100
52 82.0 40.5 121.5
51 35.6 16.9 50.7

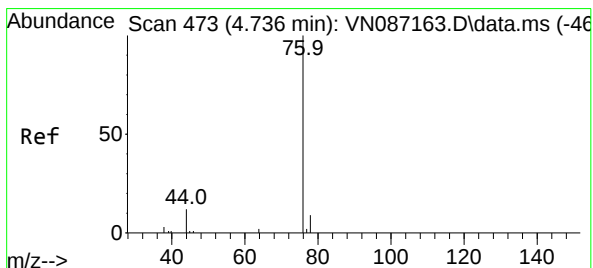
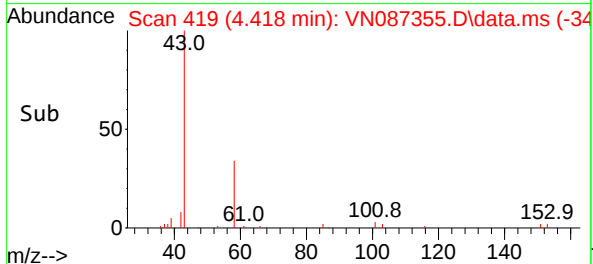
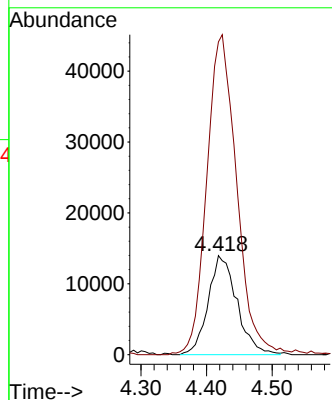
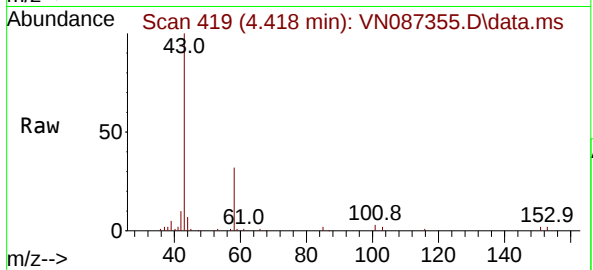




#15
Acetone
Concen: 72.602 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.035 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

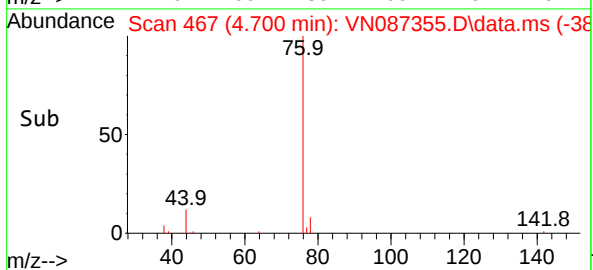
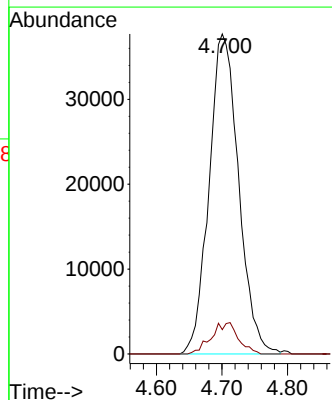
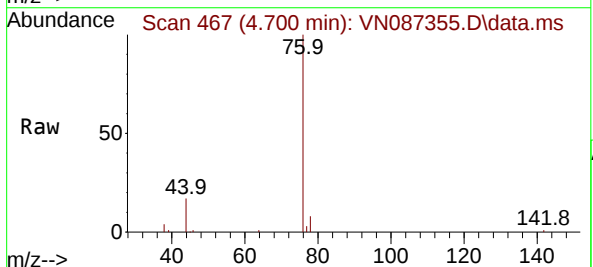
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

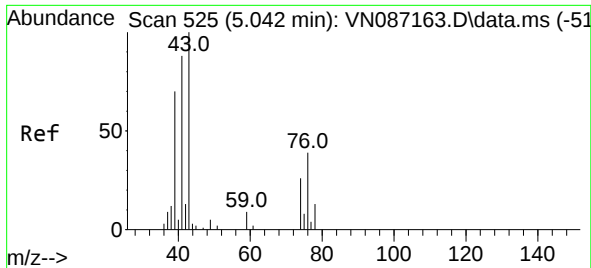
Tgt Ion: 58 Resp: 42629
Ion Ratio Lower Upper
58 100
43 313.1 224.3 336.5



#16
Carbon Disulfide
Concen: 14.671 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.035 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 76 Resp: 118010
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

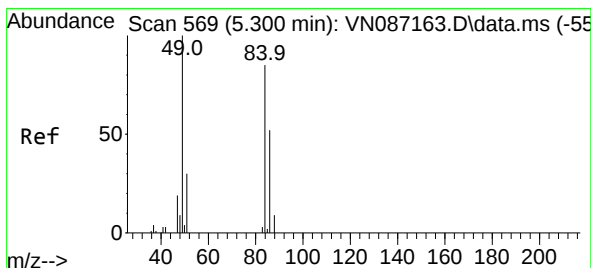
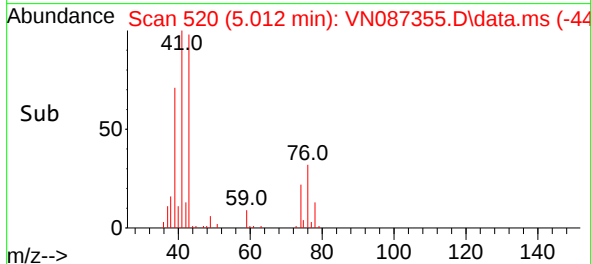
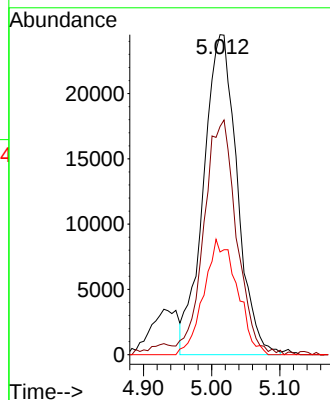
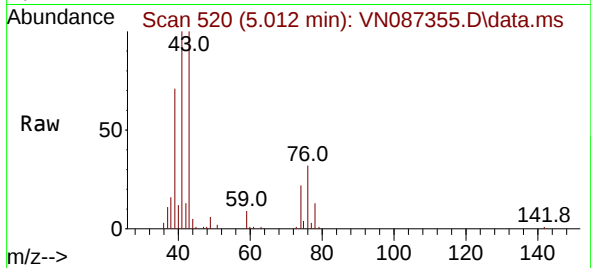




#17
Allyl chloride
Concen: 18.564 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

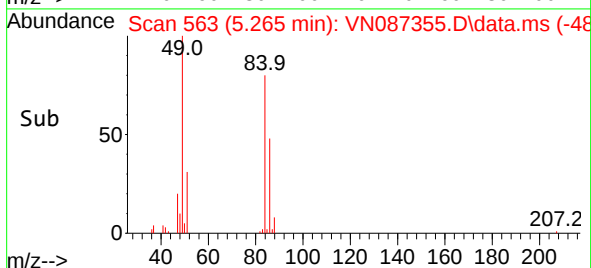
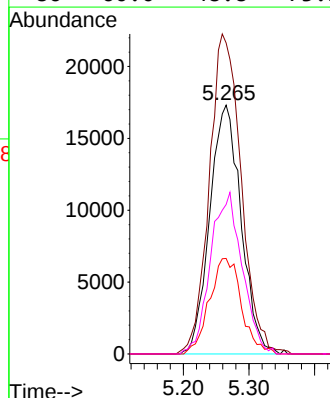
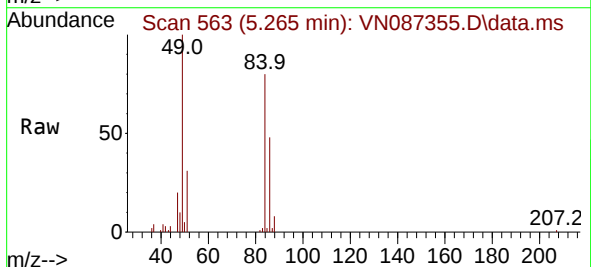
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

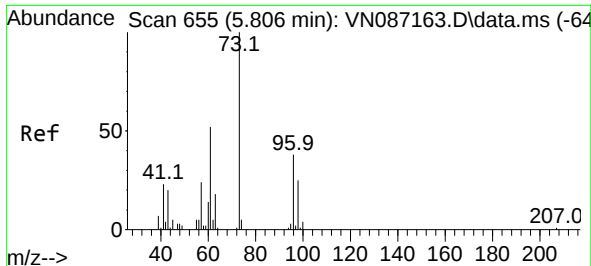
Tgt Ion: 41 Resp: 84238
Ion Ratio Lower Upper
41 100
39 70.4 36.0 108.0
76 32.3 19.5 58.5



#18
Methylene Chloride
Concen: 18.021 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.035 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 84 Resp: 57436
Ion Ratio Lower Upper
84 100
49 123.9 94.0 141.0
51 38.4 28.3 42.5
86 60.0 48.8 73.2

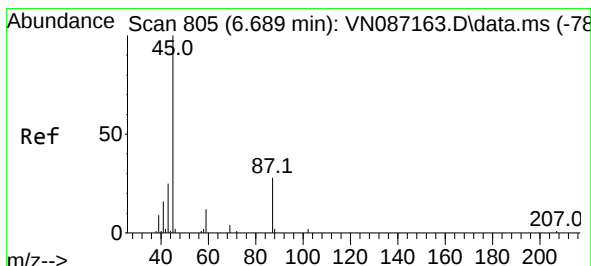
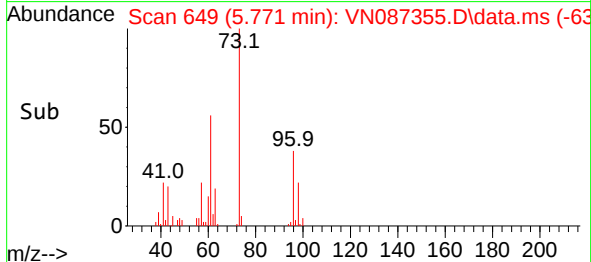
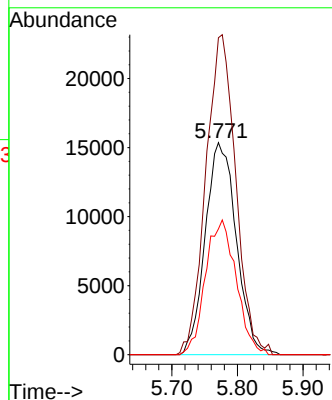
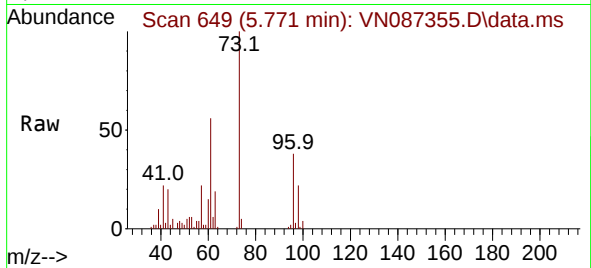




#19
trans-1,2-Dichloroethene
Concen: 16.813 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.035 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

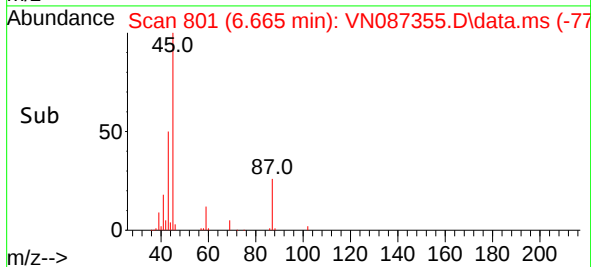
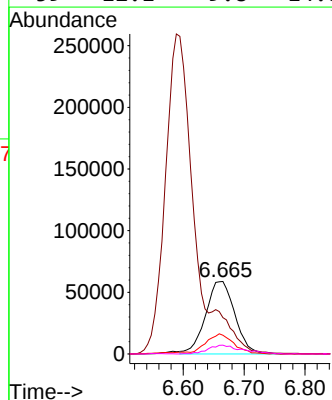
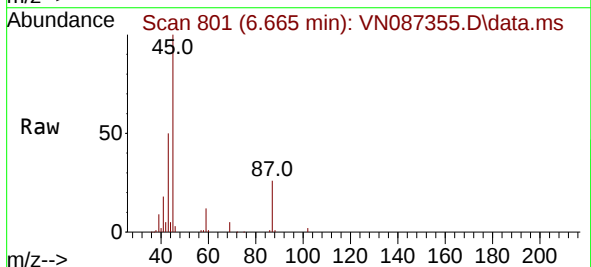
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tgt Ion: 96 Resp: 50586
Ion Ratio Lower Upper
96 100
61 149.5 110.3 165.5
98 59.3 51.6 77.4



#20
Diisopropyl ether
Concen: 20.426 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 45 Resp: 196649
Ion Ratio Lower Upper
45 100
43 49.1 45.3 67.9
87 25.9 22.6 33.8
59 12.1 9.8 14.8





#21

1,1-Dichloroethane

Concen: 18.846 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.029 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

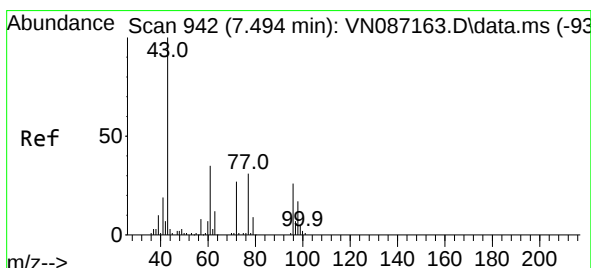
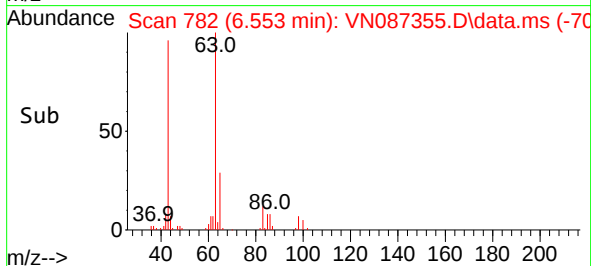
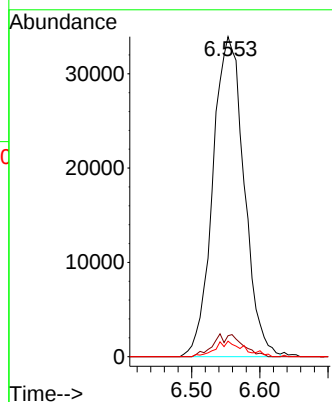
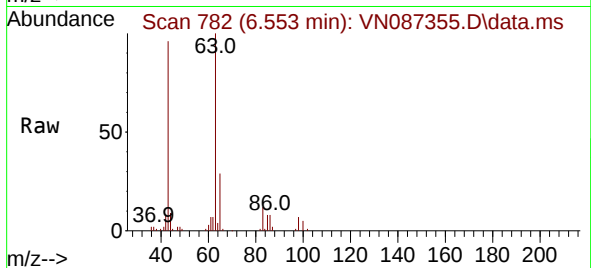
Tgt Ion: 63 Resp: 108439

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.8 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 18.014 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

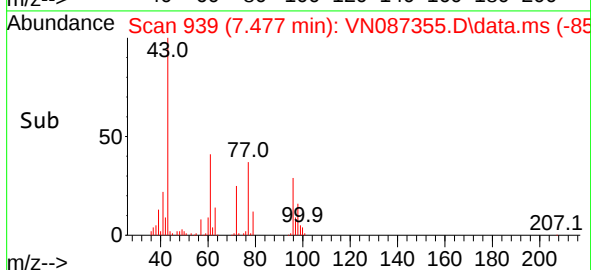
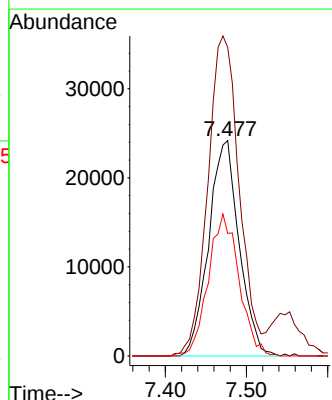
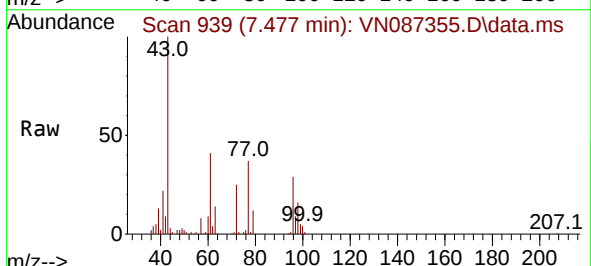
Tgt Ion: 96 Resp: 63079

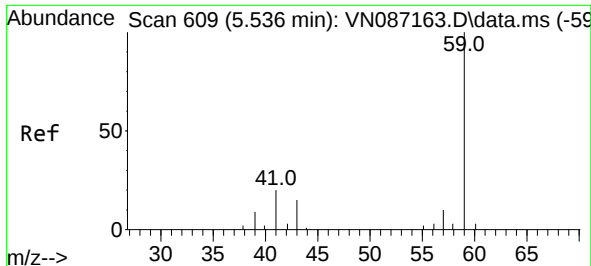
Ion Ratio Lower Upper

96 100

61 153.2 119.2 178.8

98 66.6 50.6 75.8

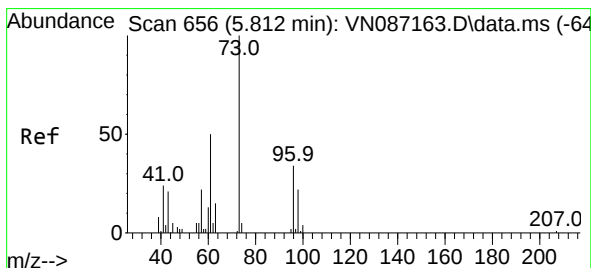
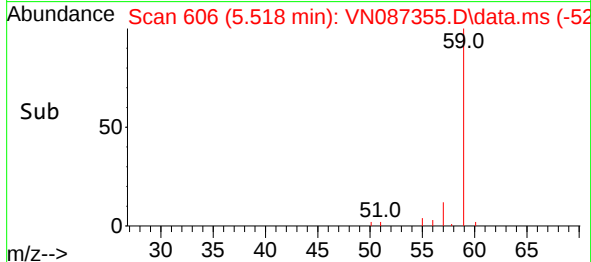
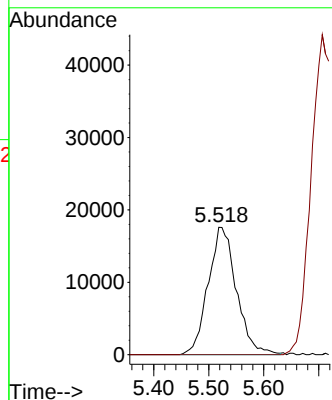
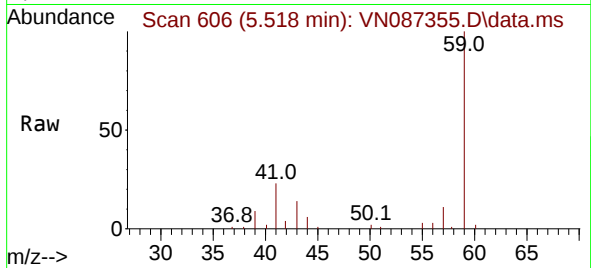




#23
tert-Butyl Alcohol
Concen: 83.138 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

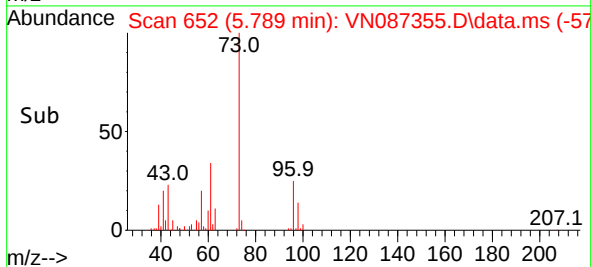
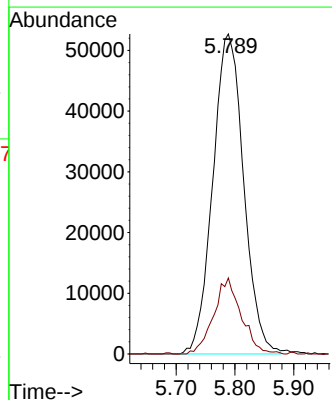
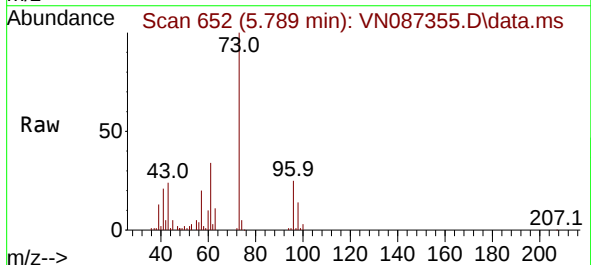
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

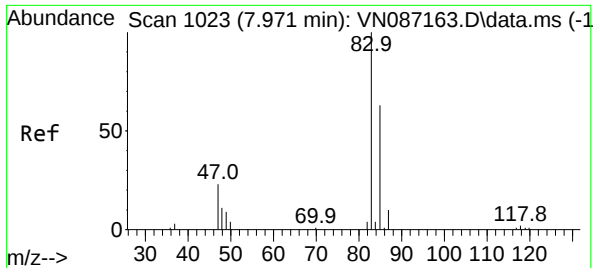
Tgt Ion: 59 Resp: 62936
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.869 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 73 Resp: 191718
Ion Ratio Lower Upper
73 100
43 21.1 16.4 24.6

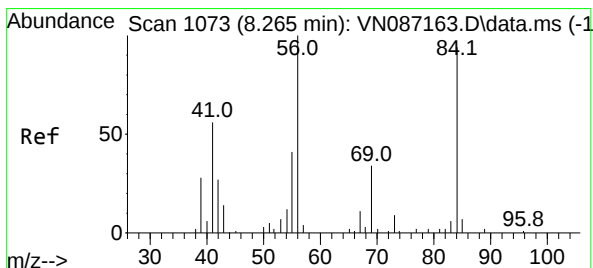
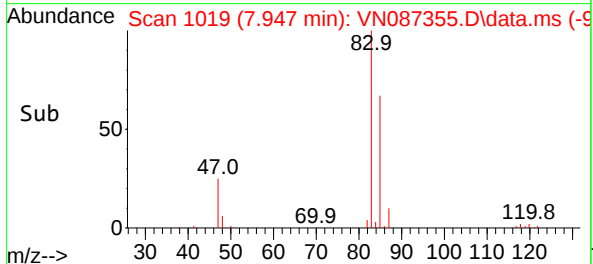
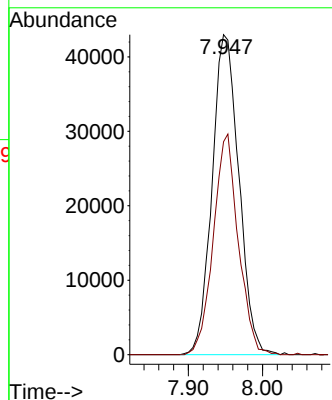
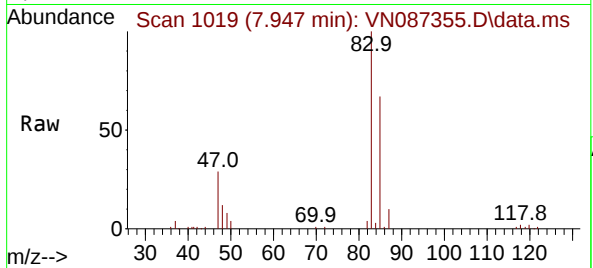




#25
Chloroform
Concen: 19.583 ug/l
RT: 7.947 min Scan# 1069
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

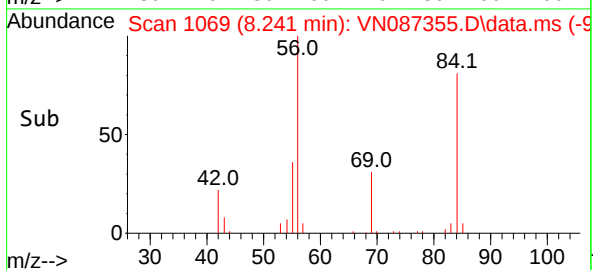
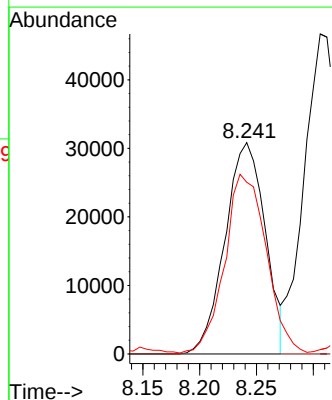
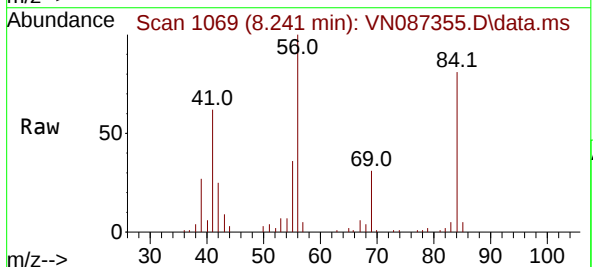
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

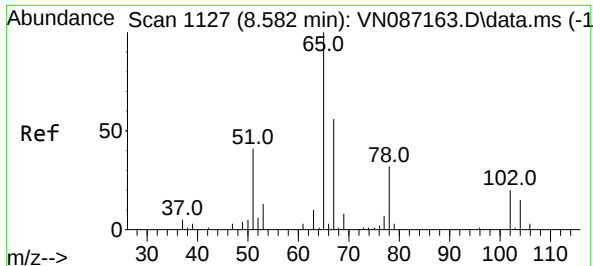
Tgt Ion: 83 Resp: 107954
Ion Ratio Lower Upper
83 100
85 66.6 50.7 76.1



#26
Cyclohexane
Concen: 15.890 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 56 Resp: 76002
Ion Ratio Lower Upper
56 100
89 0.0 6.9 10.3#
84 88.2 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 33.246 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

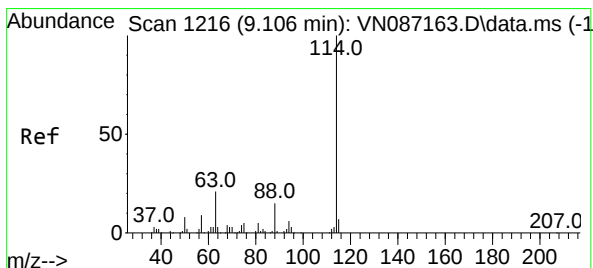
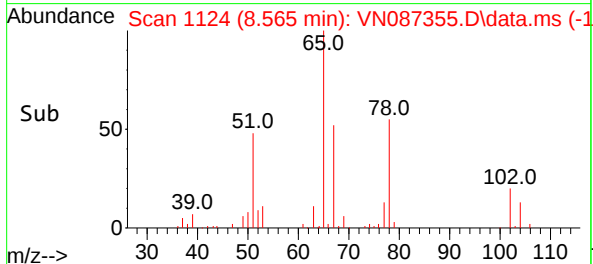
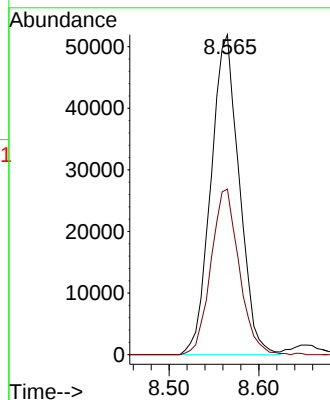
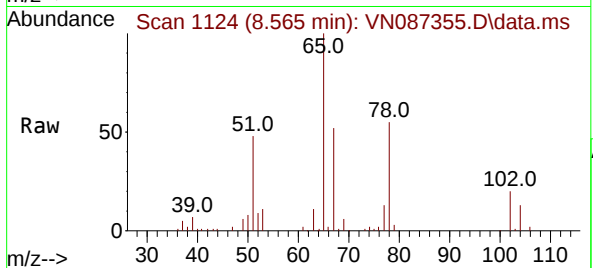
VN0718WBS02

Tgt Ion: 65 Resp: 113766

Ion Ratio Lower Upper

65 100

67 51.6 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.023 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

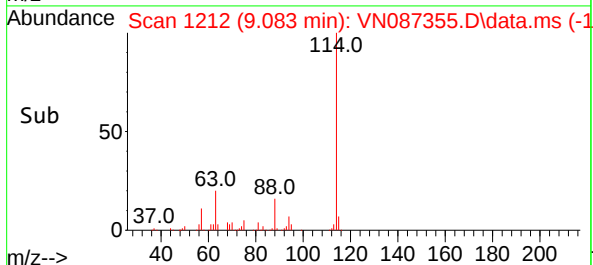
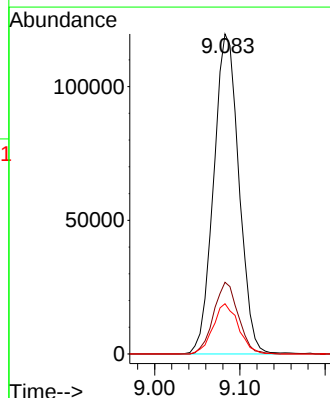
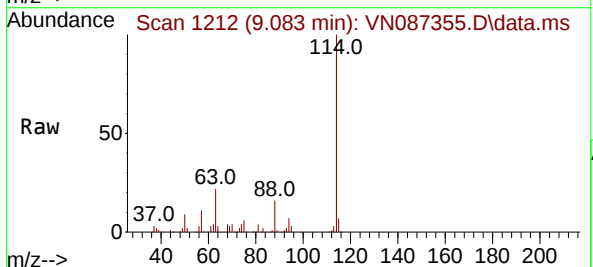
Tgt Ion: 114 Resp: 246982

Ion Ratio Lower Upper

114 100

63 21.8 17.0 25.4

88 15.8 12.6 19.0

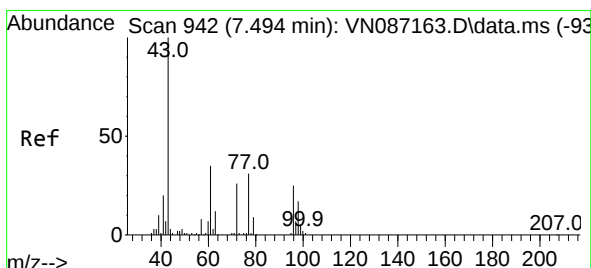
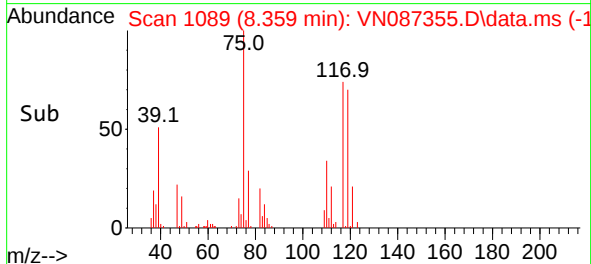
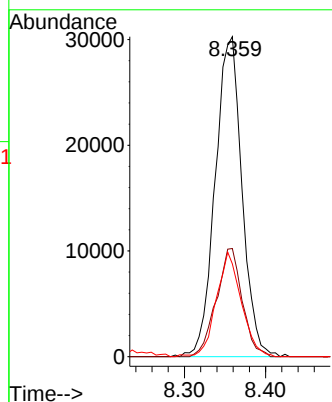
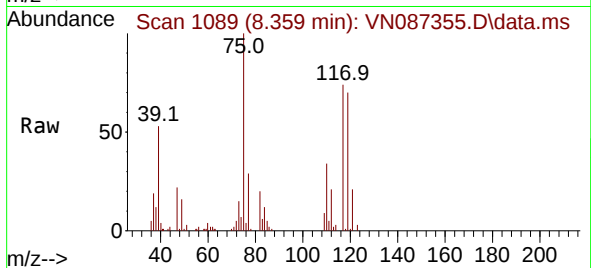




#29
1,1-Dichloropropene
Concen: 18.028 ug/l
RT: 8.359 min Scan# 1092
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

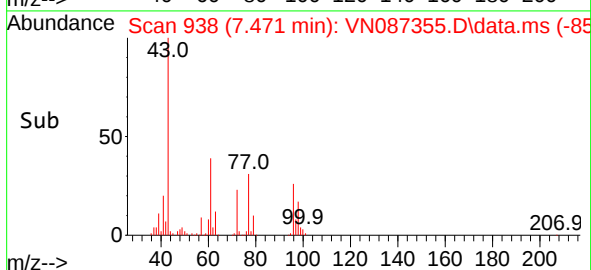
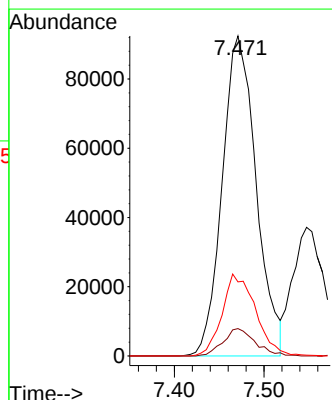
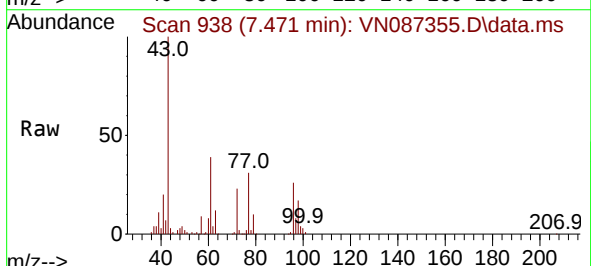
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

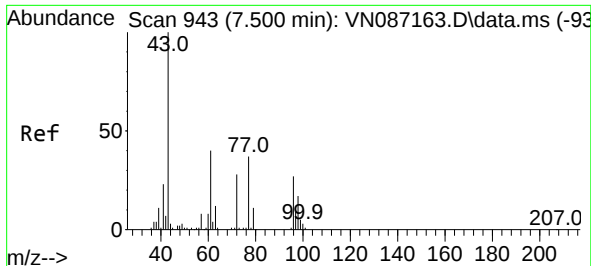
Tgt Ion: 75	Resp: 69401
Ion Ratio	Lower Upper
75 100	
110 32.6	0.0 69.2
77 30.3	0.0 61.8



#30
2-Butanone
Concen: 93.576 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 43	Resp: 242994
Ion Ratio	Lower Upper
43 100	
57 8.0	6.3 9.5
72 25.3	21.8 32.6





#31

2,2-Dichloropropane

Concen: 19.198 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.023 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

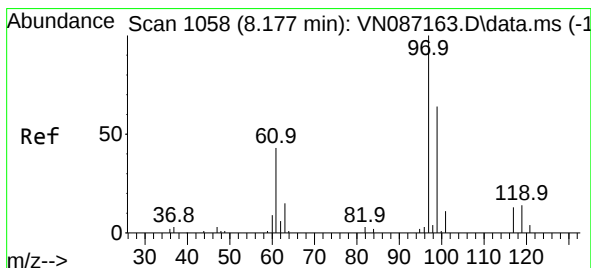
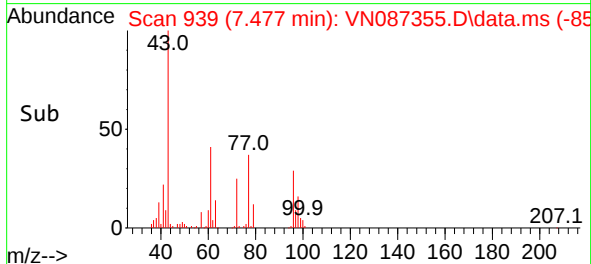
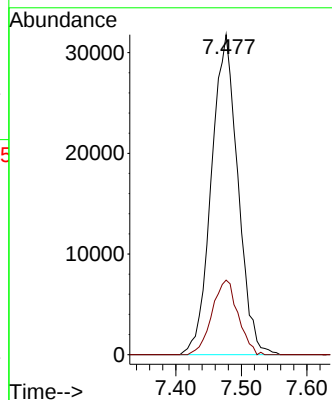
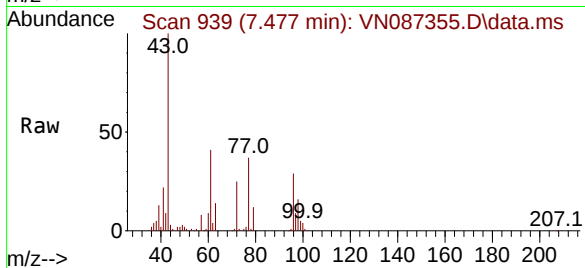
VN0718WBS02

Tgt Ion: 77 Resp: 89209

Ion Ratio Lower Upper

77 100

97 22.8 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 20.205 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.023 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

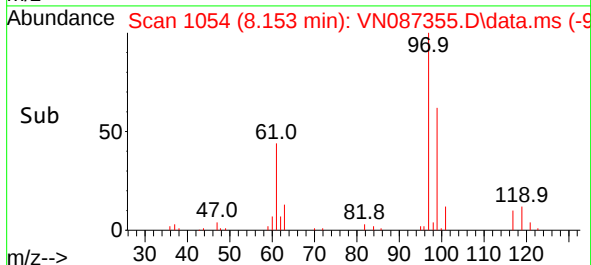
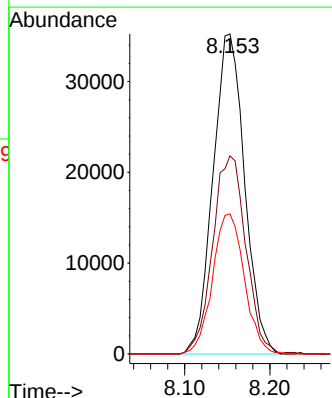
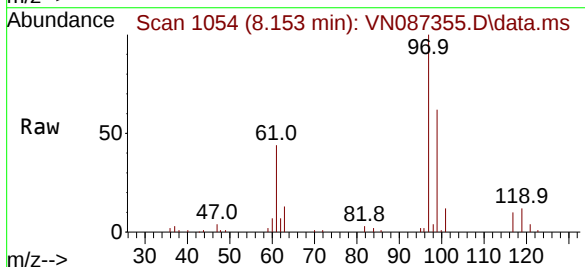
Tgt Ion: 97 Resp: 90867

Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 44.0 36.1 54.1

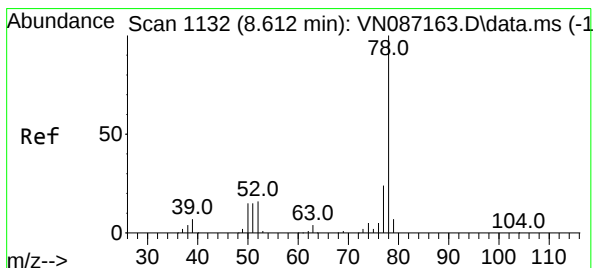
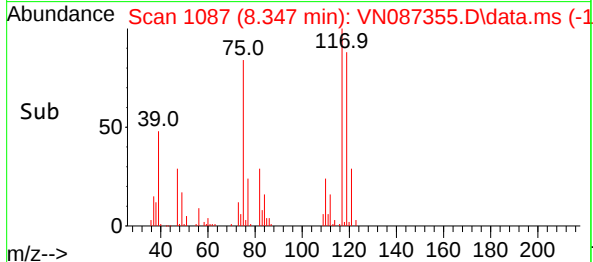
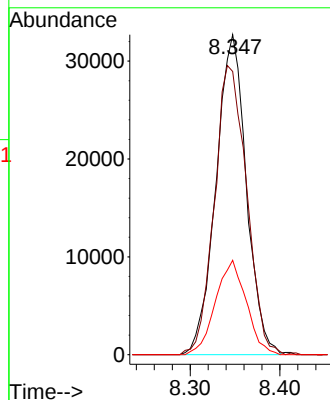
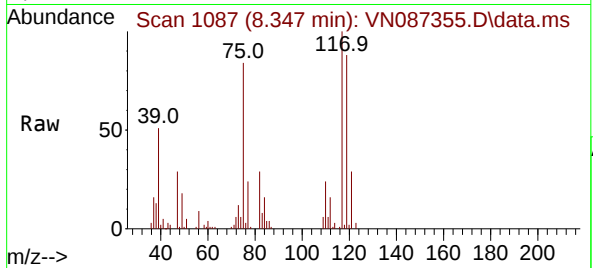




#33
Carbon Tetrachloride
Concen: 20.317 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

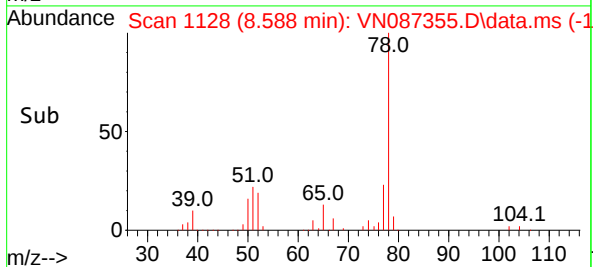
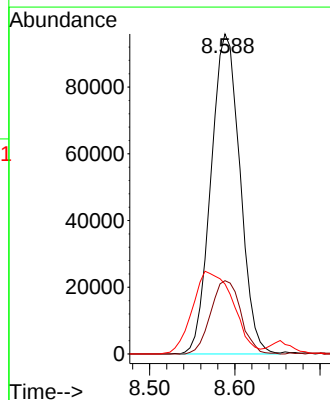
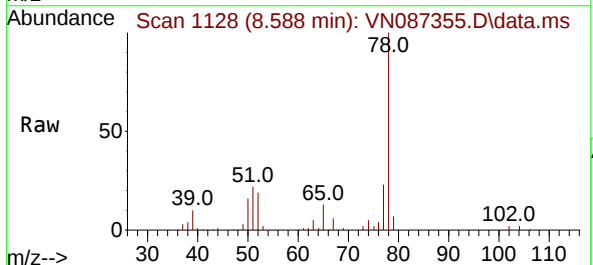
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tgt Ion:117 Resp: 76895
Ion Ratio Lower Upper
117 100
119 88.5 75.8 113.6
121 29.5 26.2 39.4



#34
Benzene
Concen: 18.559 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 78 Resp: 226341
Ion Ratio Lower Upper
78 100
77 22.9 19.5 29.3
51 17.9 14.8 22.2

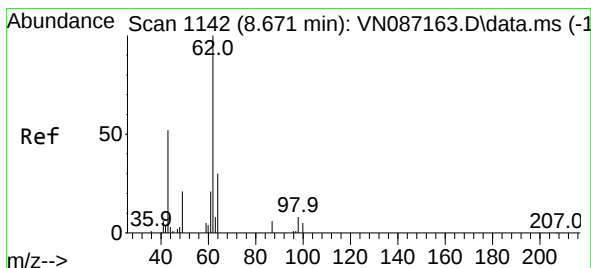
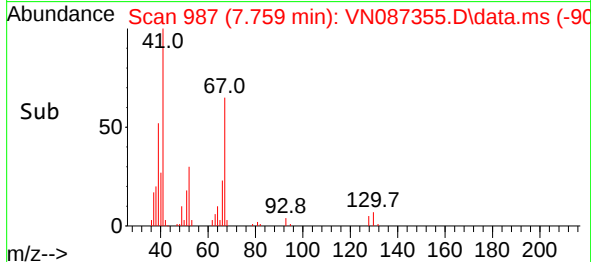
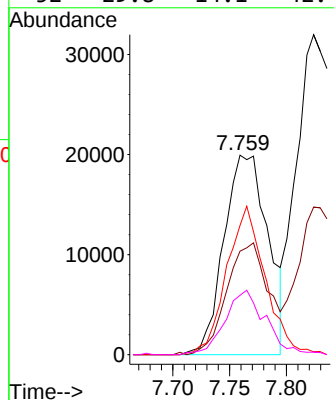
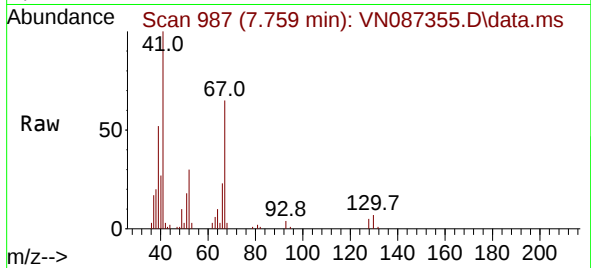




#35
Methacrylonitrile
Concen: 20.605 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

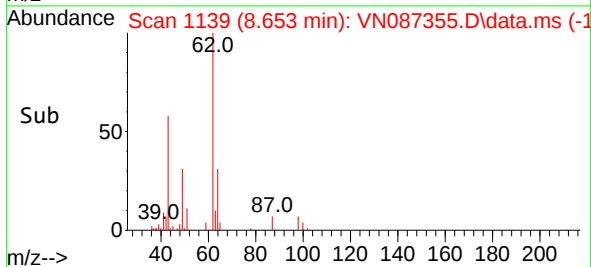
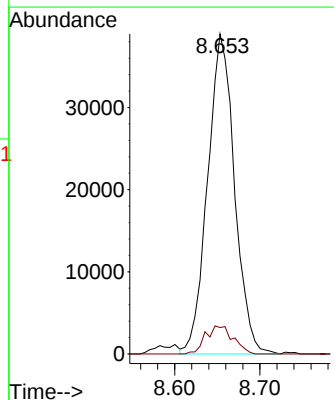
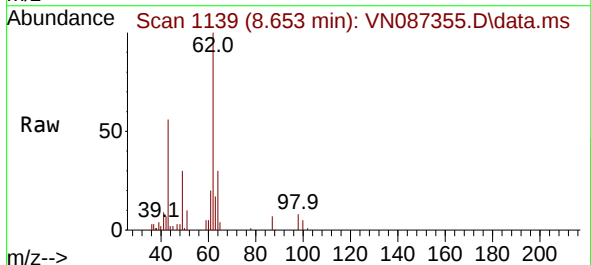
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

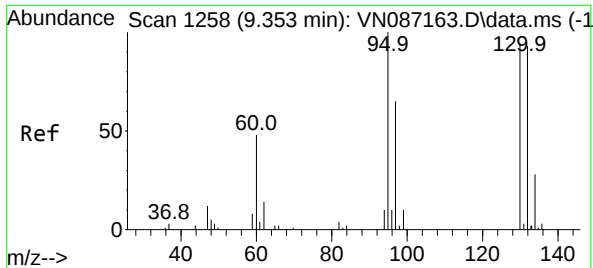
Tgt Ion:	41	Resp:	53923
Ion	Ratio	Lower	Upper
41	100		
39	50.7	24.4	73.2
67	64.8	33.3	99.8
52	29.8	14.1	42.4



#36
1,2-Dichloroethane
Concen: 21.681 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:	62	Resp:	85431
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.2	10.8

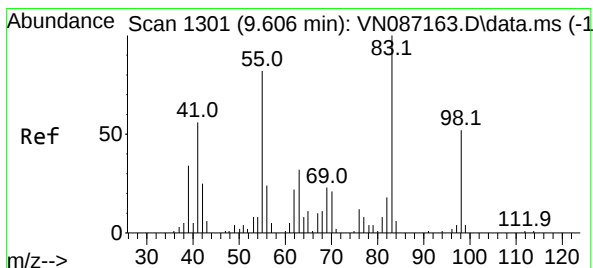
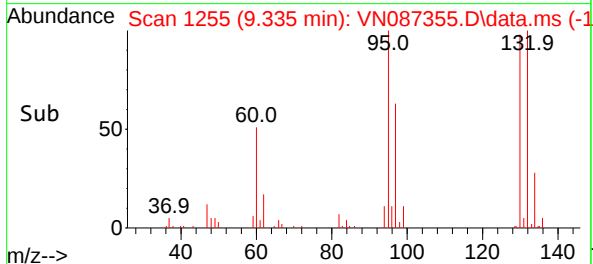
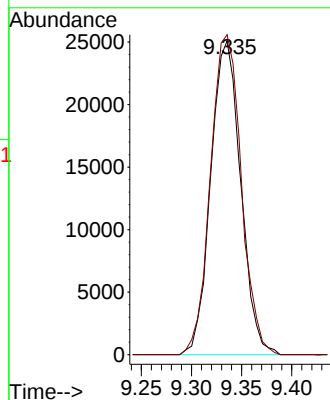
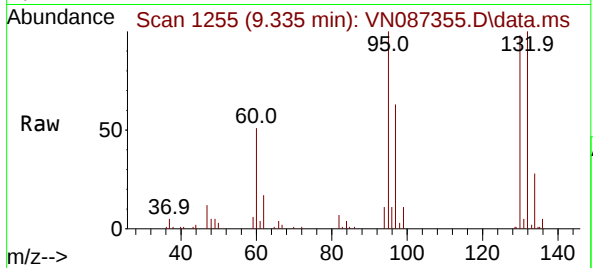




#37
Trichloroethene
Concen: 18.486 ug/l
RT: 9.335 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

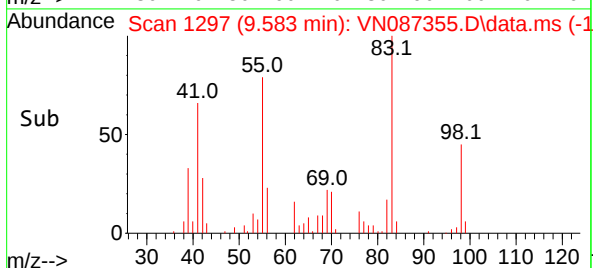
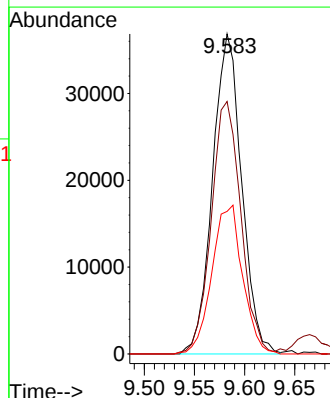
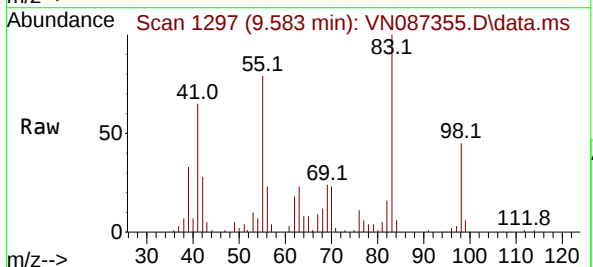
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

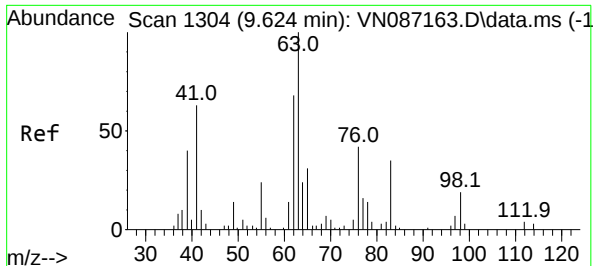
Tgt Ion:130 Resp: 52000
Ion Ratio Lower Upper
130 100
95 102.0 85.3 127.9



#38
Methylcyclohexane
Concen: 16.843 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 83 Resp: 74394
Ion Ratio Lower Upper
83 100
55 80.4 40.1 120.2
98 49.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.305 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

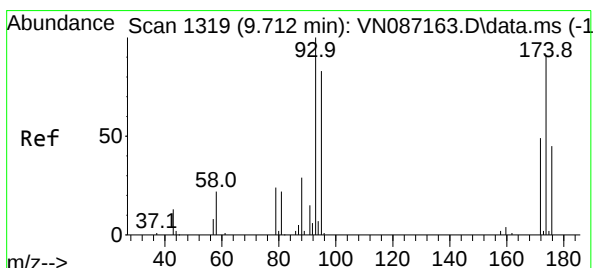
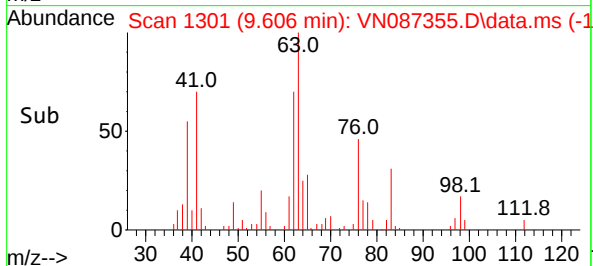
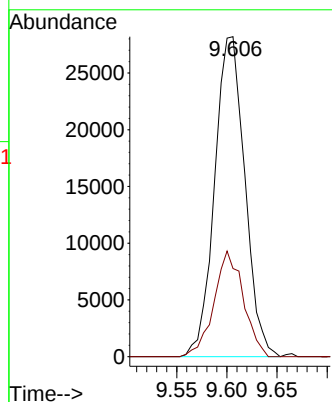
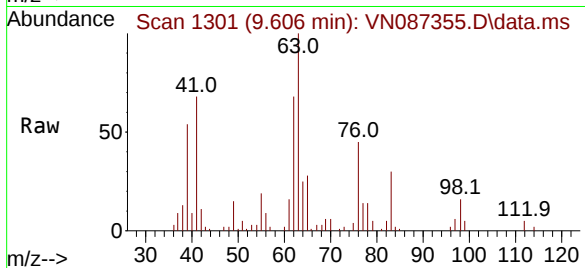
VN0718WBS02

Tgt Ion: 63 Resp: 59091

Ion Ratio Lower Upper

63 100

65 27.6 24.6 36.8



#40

Dibromomethane

Concen: 20.447 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

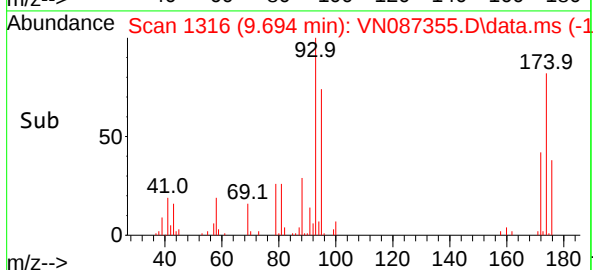
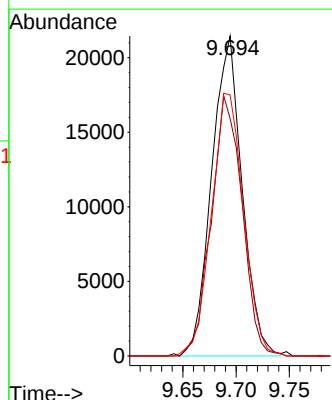
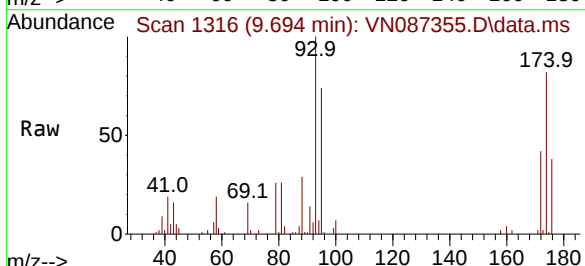
Tgt Ion: 93 Resp: 42558

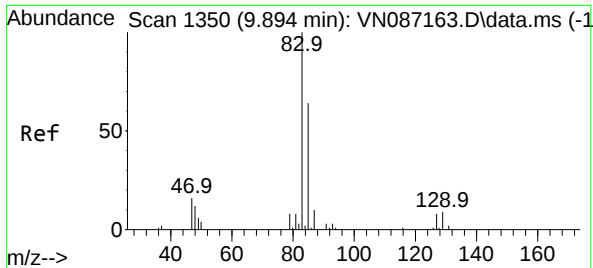
Ion Ratio Lower Upper

93 100

95 82.1 0.0 170.8

174 86.6 0.0 176.6

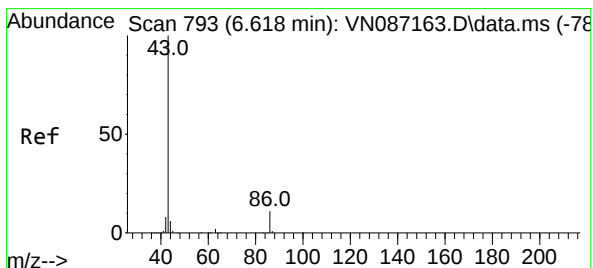
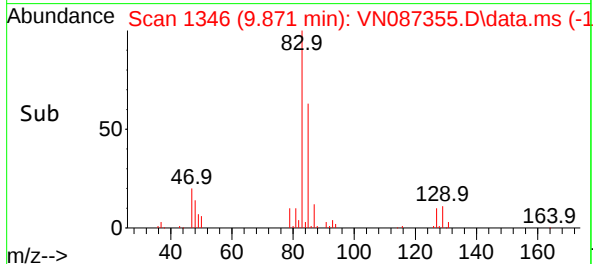
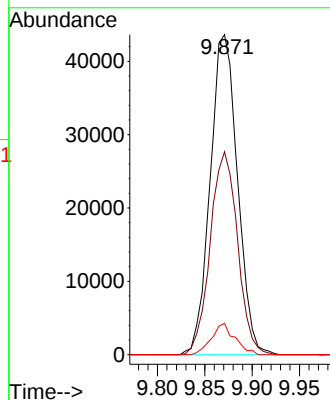
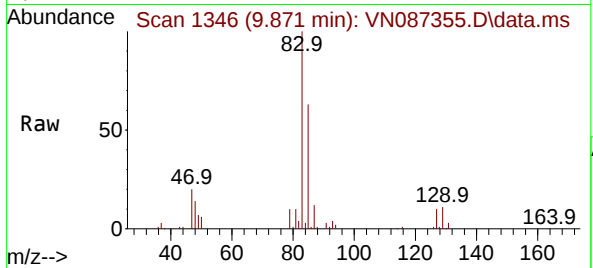




#41
Bromodichloromethane
Concen: 20.884 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

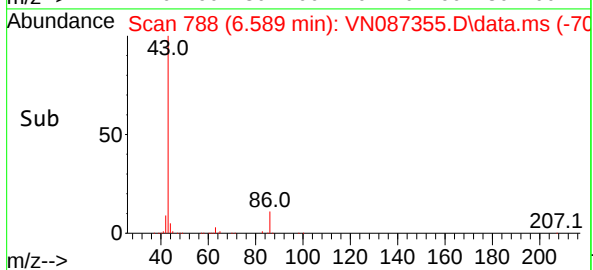
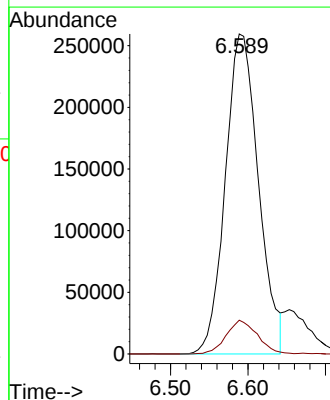
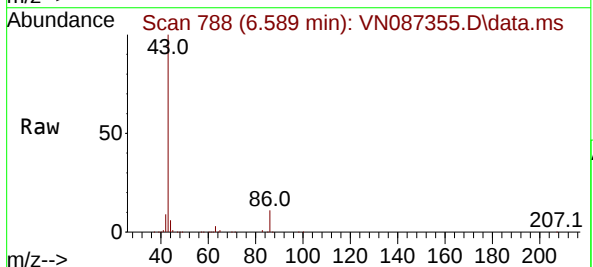
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tgt Ion: 83 Resp: 87740
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2
127 9.8 6.1 9.1#



#42
Vinyl Acetate
Concen: 91.447 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 43 Resp: 772358
Ion Ratio Lower Upper
43 100
86 9.9 7.7 11.5

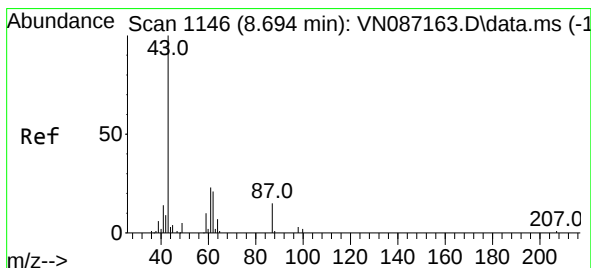
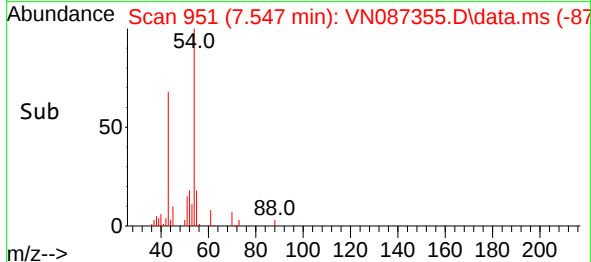
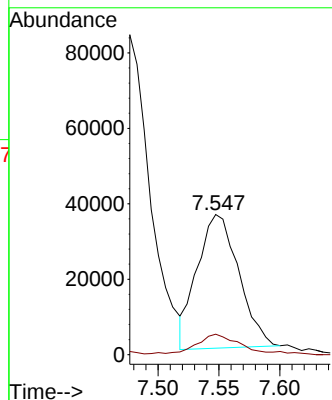
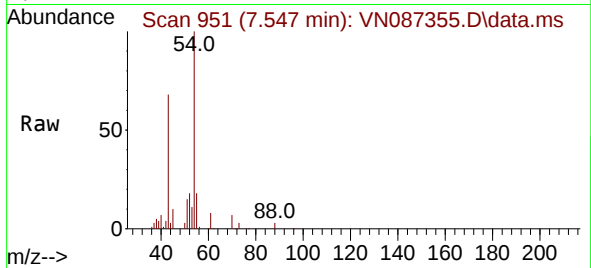




#43
Ethyl Acetate
Concen: 17.923 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

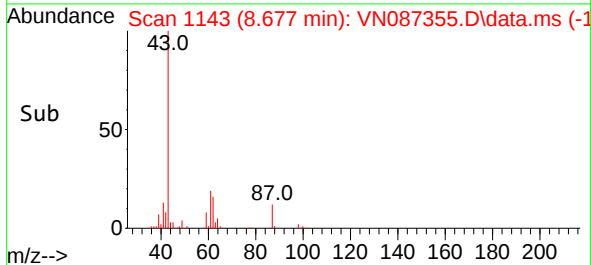
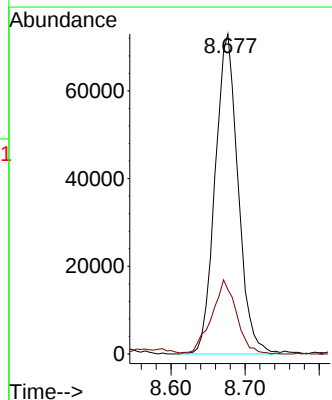
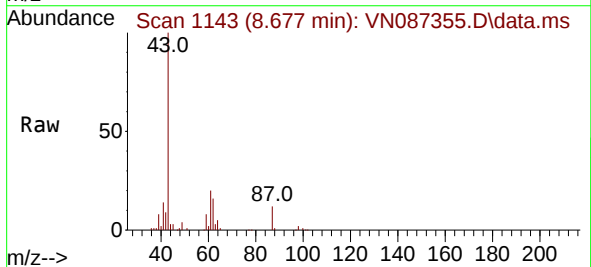
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

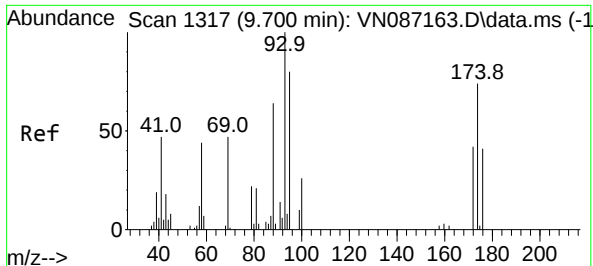
Tgt Ion: 43 Resp: 84016
Ion Ratio Lower Upper
43 100
45 13.9 11.5 17.3



#44
Isopropyl Acetate
Concen: 20.553 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 43 Resp: 156975
Ion Ratio Lower Upper
43 100
61 25.2 20.5 30.7

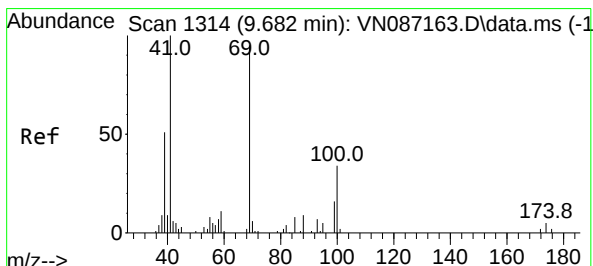
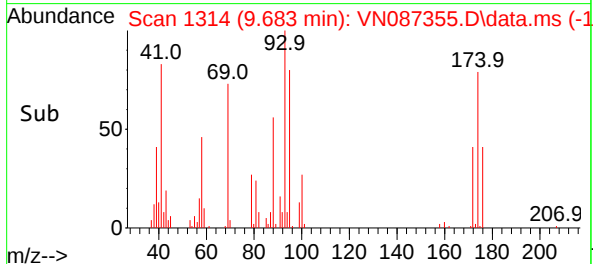
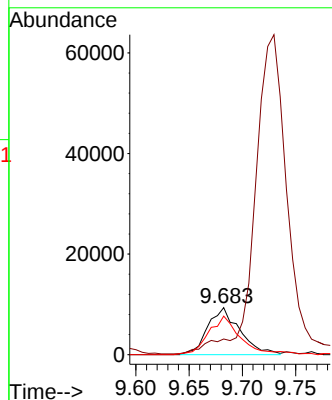
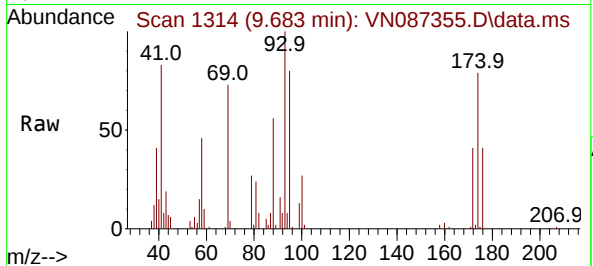




#45
1,4-Dioxane
Concen: 380.180 ug/l
RT: 9.683 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

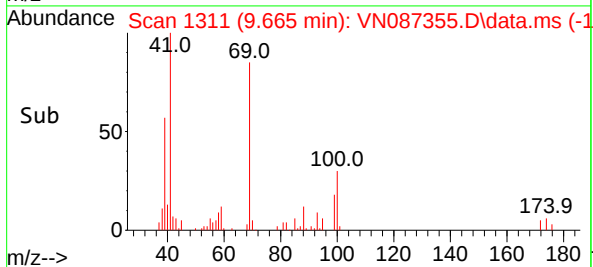
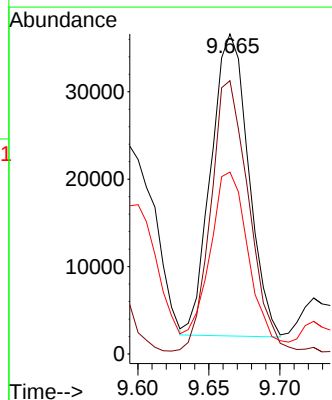
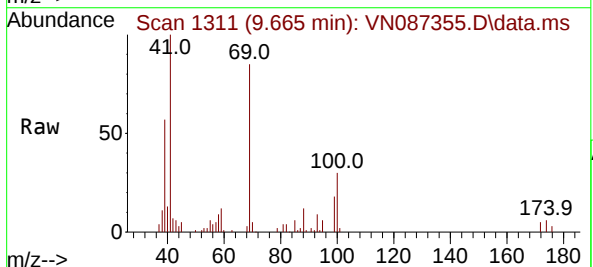
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

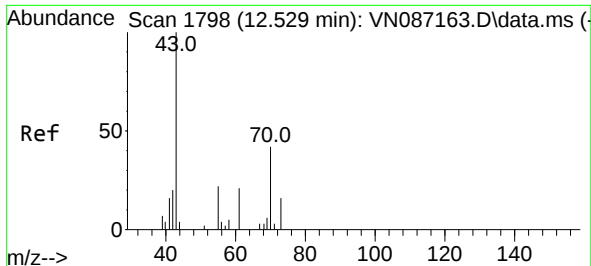
Tgt Ion: 88 Resp: 19642
Ion Ratio Lower Upper
88 100
43 26.9 21.3 31.9
58 78.1 61.7 92.5



#46
Methyl methacrylate
Concen: 17.862 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 41 Resp: 63419
Ion Ratio Lower Upper
41 100
69 89.3 45.6 136.9
39 56.0 26.2 78.5





#47

n-amy1 Acetate

Concen: 10.261 ug/l

RT: 12.512 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

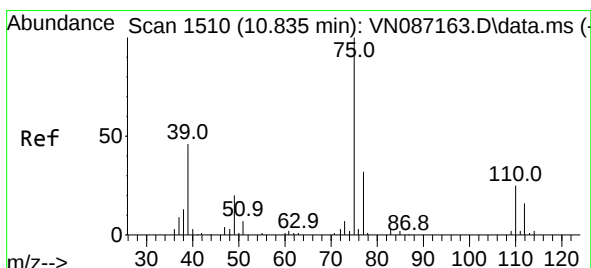
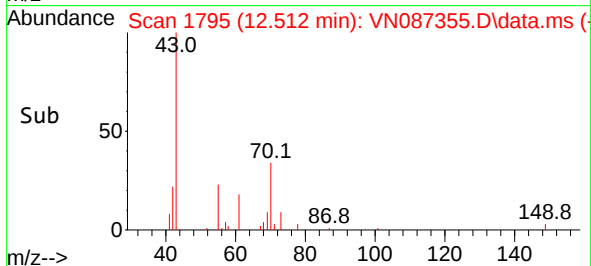
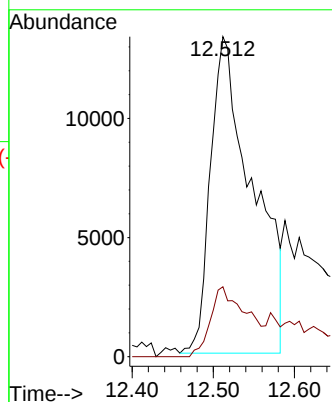
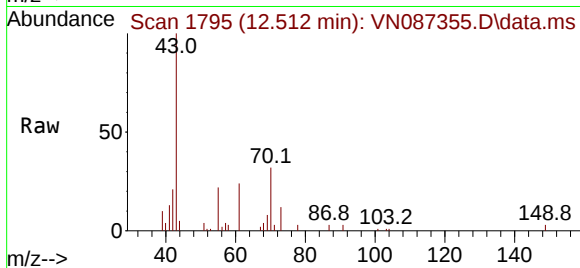
VN0718WBS02

Tgt Ion: 43 Resp: 47913

Ion Ratio Lower Upper

43 100

55 9.3 0.0 0.0#



#48

t-1,3-Dichloropropene

Concen: 19.702 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.018 min

Lab File: VN087355.D

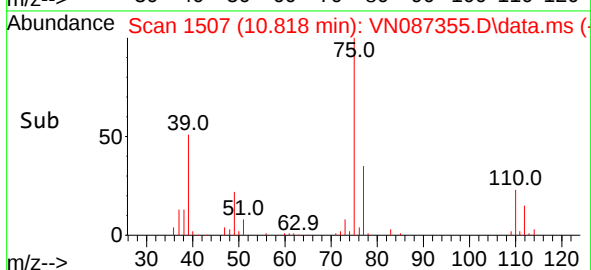
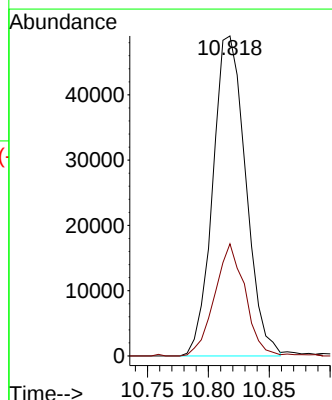
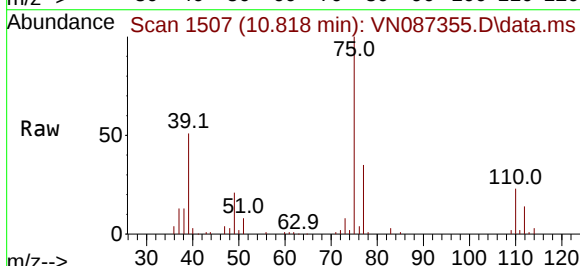
Acq: 18 Jul 2025 10:21

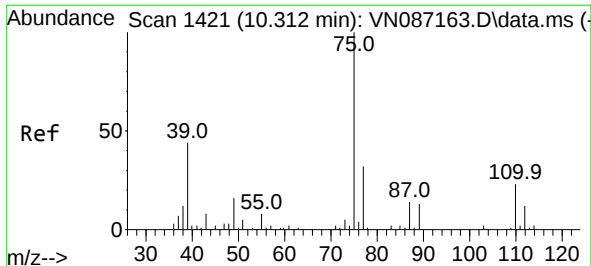
Tgt Ion: 75 Resp: 92274

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 19.870 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

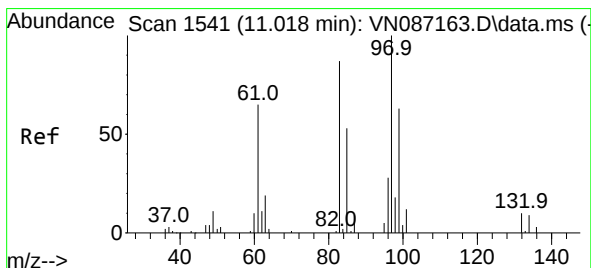
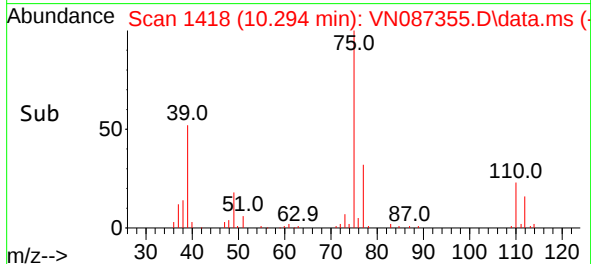
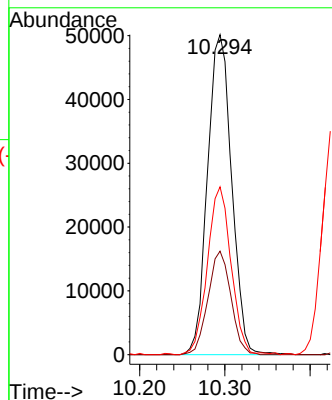
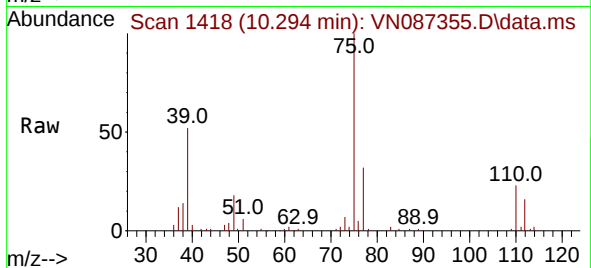
Tgt Ion: 75 Resp: 98933

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

39 52.4 35.3 52.9



#50

1,1,2-Trichloroethane

Concen: 19.251 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.023 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Tgt Ion: 97 Resp: 56918

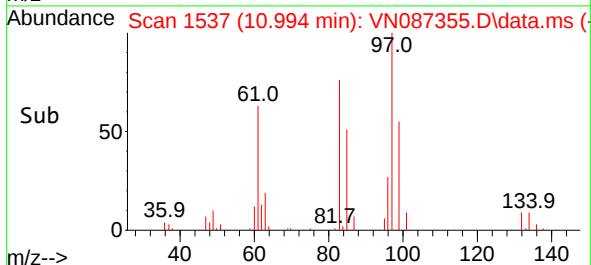
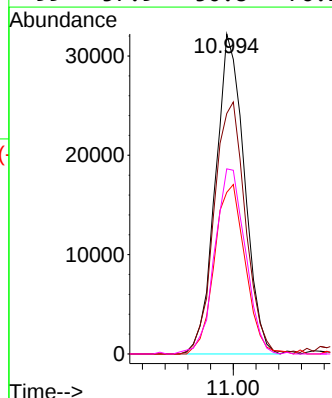
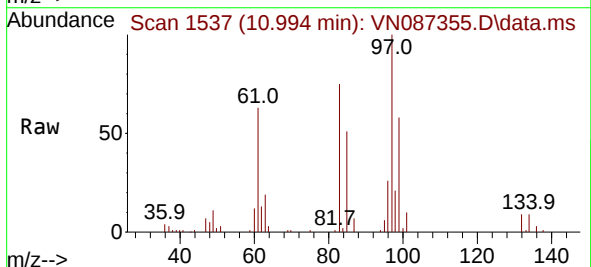
Ion Ratio Lower Upper

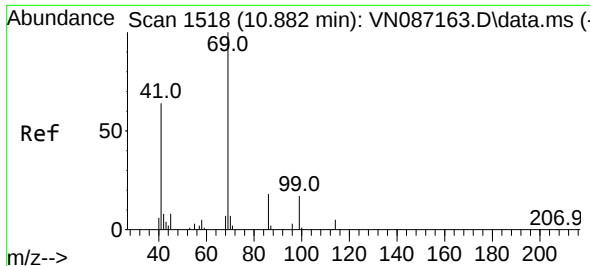
97 100

83 75.2 69.6 104.4

85 50.5 42.0 63.0

99 57.9 50.8 76.2

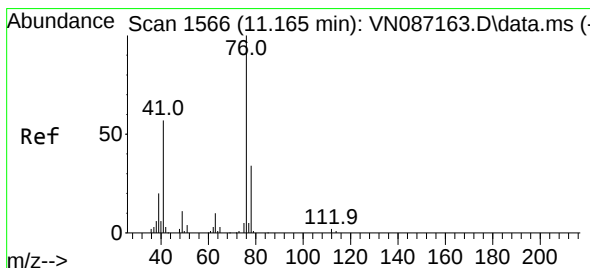
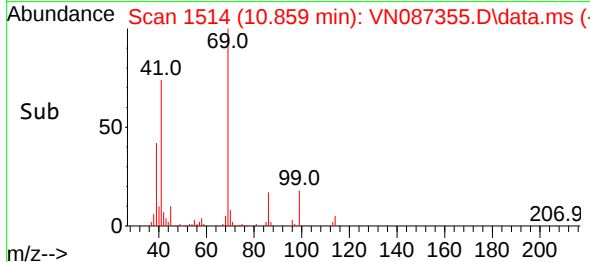
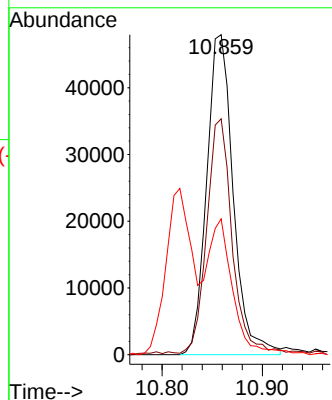
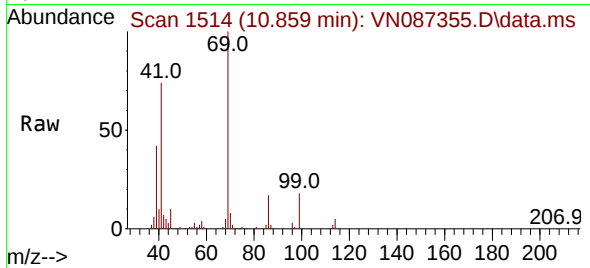




#51
Ethyl methacrylate
Concen: 19.650 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

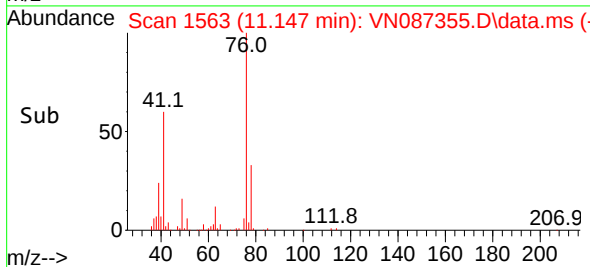
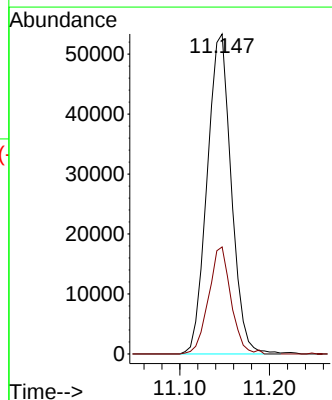
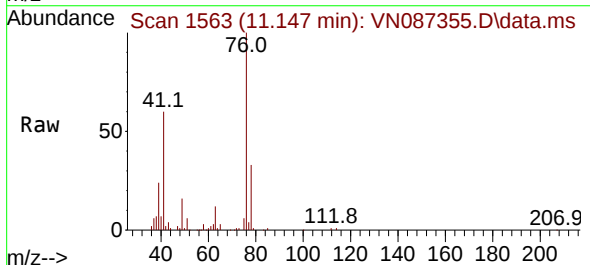
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

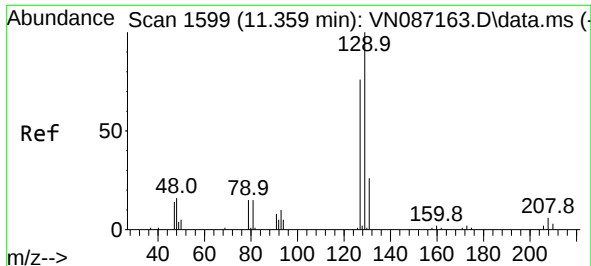
Tgt Ion: 69 Resp: 88429
Ion Ratio Lower Upper
69 100
41 73.3 31.8 95.3
39 41.2 15.3 45.8



#52
1,3-Dichloropropane
Concen: 19.623 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 76 Resp: 99605
Ion Ratio Lower Upper
76 100
78 30.8 0.0 63.0

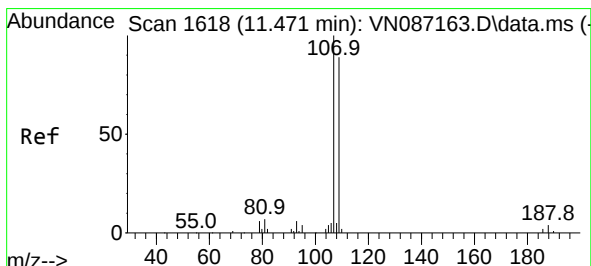
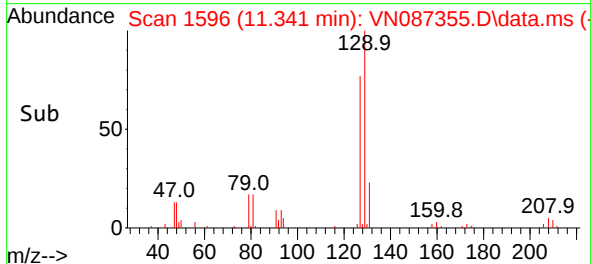
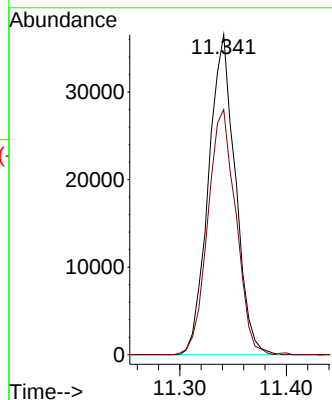
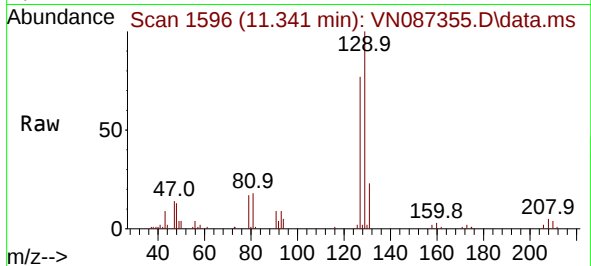




#53
Dibromochloromethane
Concen: 20.584 ug/l
RT: 11.341 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

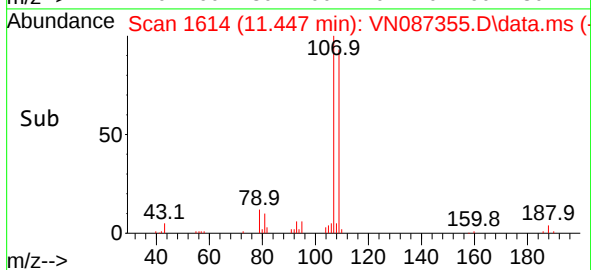
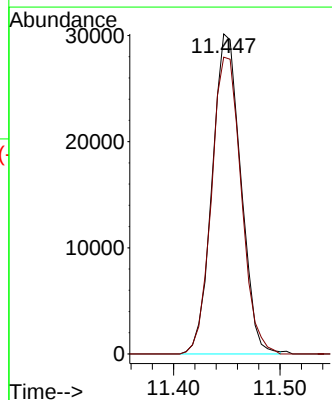
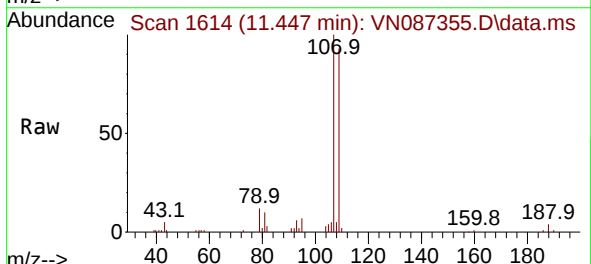
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

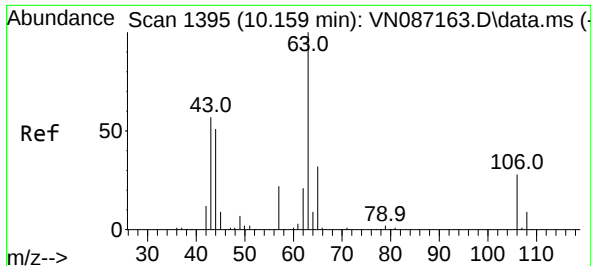
Tgt Ion:129 Resp: 63884
Ion Ratio Lower Upper
129 100
127 80.1 39.6 118.8



#54
1,2-Dibromoethane
Concen: 18.427 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:107 Resp: 56210
Ion Ratio Lower Upper
107 100
109 96.3 73.5 110.3

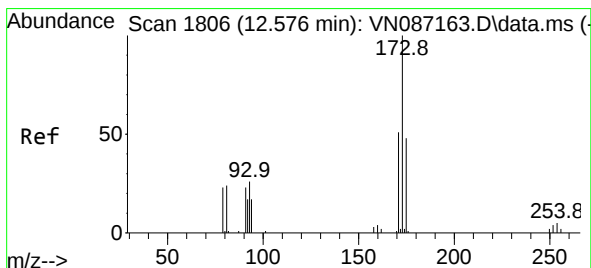
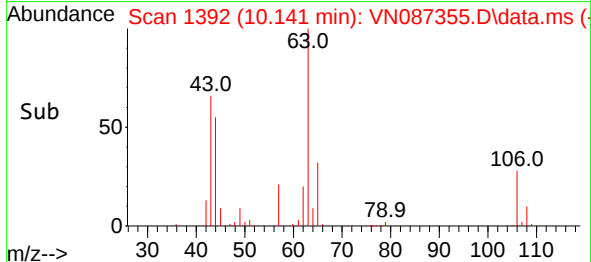
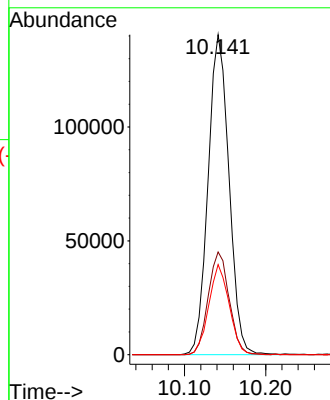
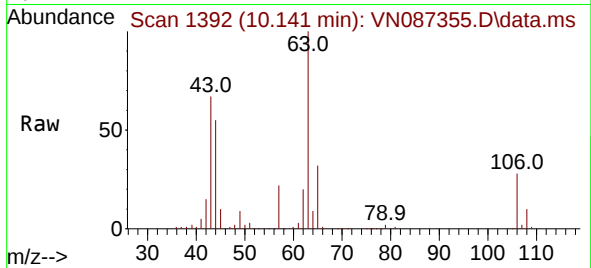




#55
2-Chloroethyl vinyl ether
Concen: 97.433 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

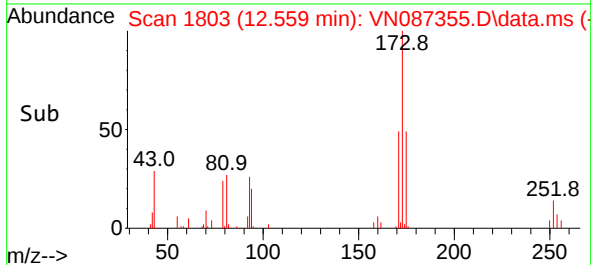
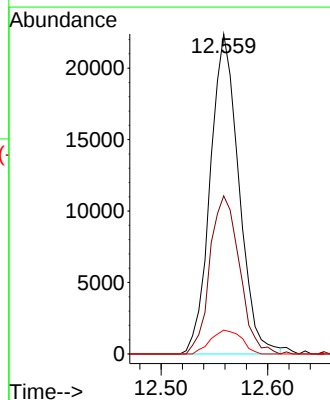
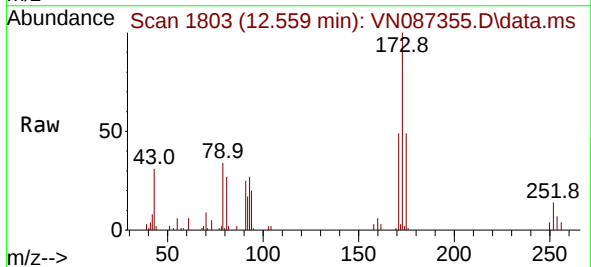
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

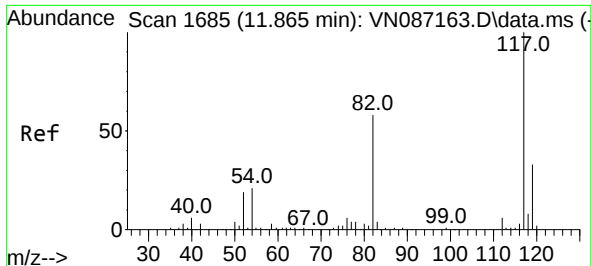
Tgt Ion: 63 Resp: 251326
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 27.5 21.9 32.9



#56
Bromoform
Concen: 19.580 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 173 Resp: 41775
Ion Ratio Lower Upper
173 100
175 51.0 38.7 58.1
254 8.1 4.2 6.4#

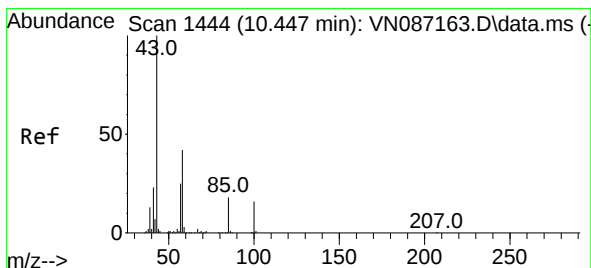
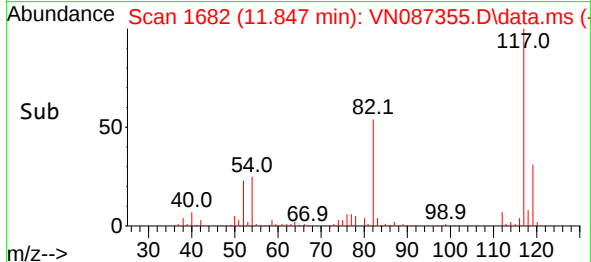
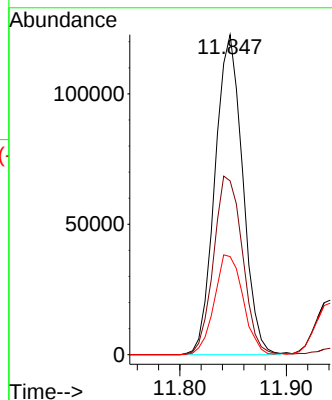
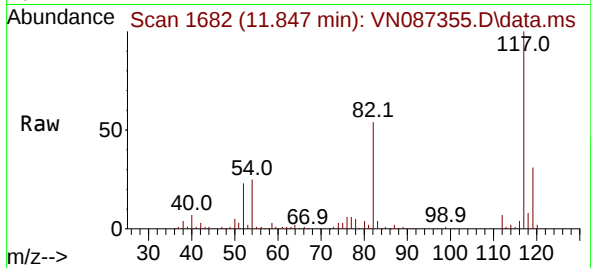




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

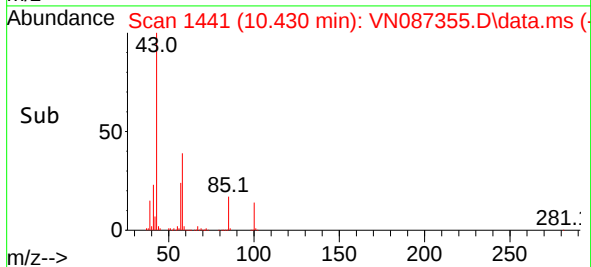
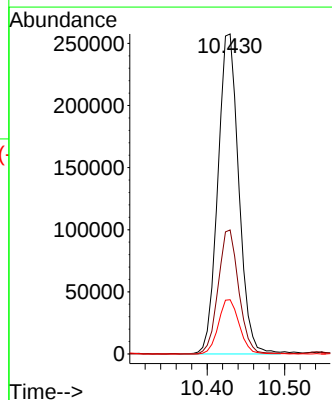
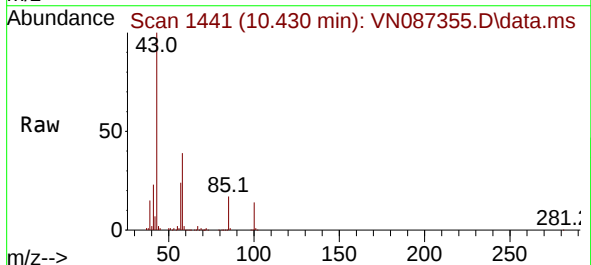
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

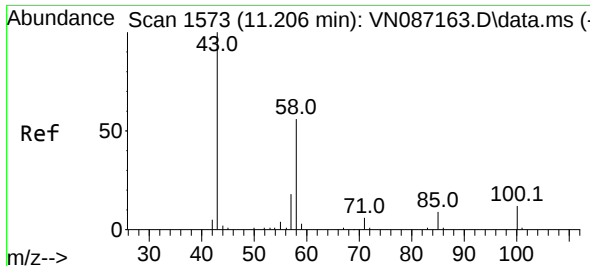
Tgt Ion:117 Resp: 221231
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 32.4 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 108.767 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 43 Resp: 483749
Ion Ratio Lower Upper
43 100
58 38.1 32.6 49.0
85 16.9 14.6 22.0

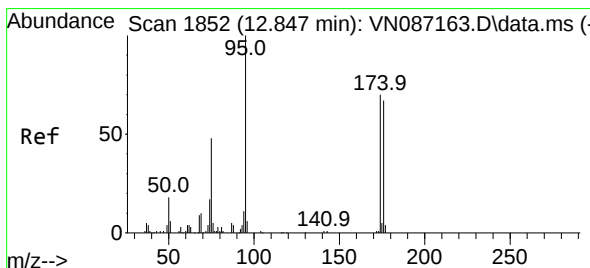
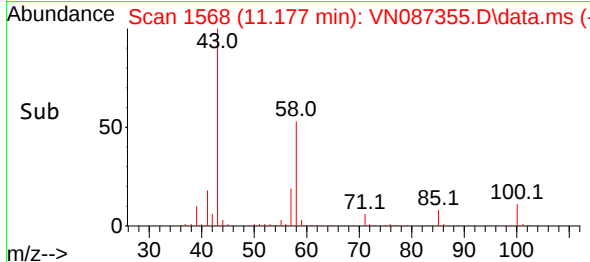
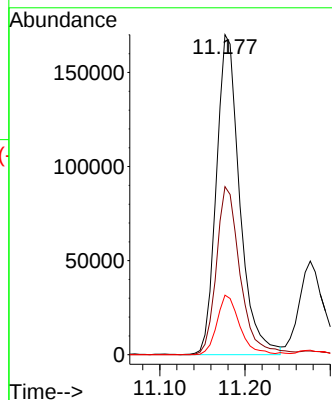
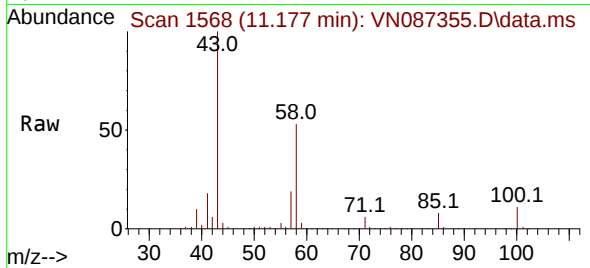




#59
2-Hexanone
Concen: 112.967 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

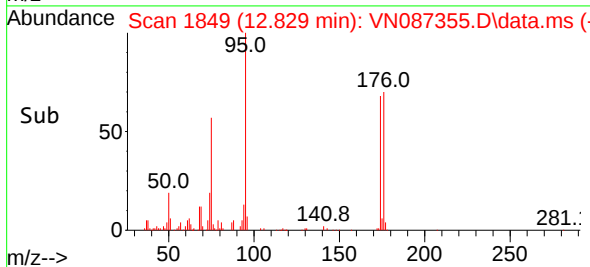
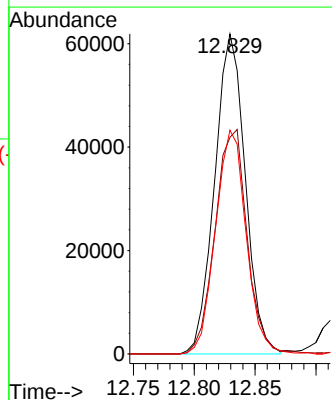
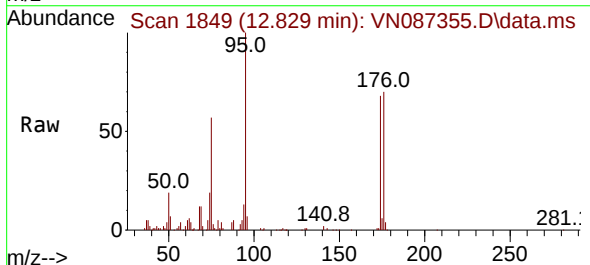
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

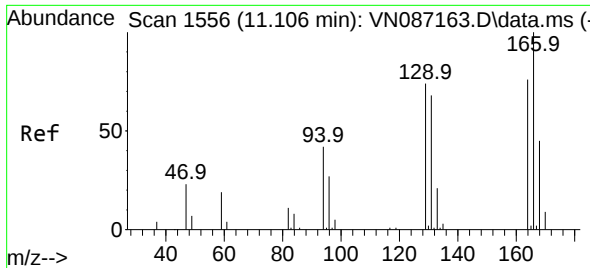
Tgt Ion: 43 Resp: 324430
Ion Ratio Lower Upper
43 100
58 53.3 49.2 73.8
57 18.0 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.689 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 95 Resp: 108182
Ion Ratio Lower Upper
95 100
174 73.7 54.5 81.7
176 70.1 51.9 77.9

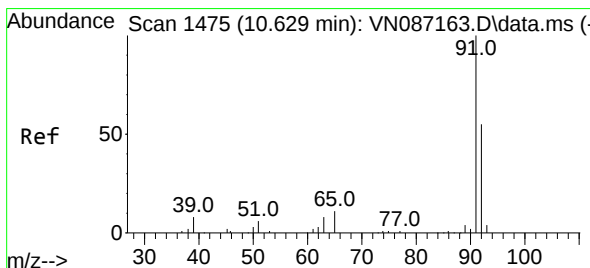
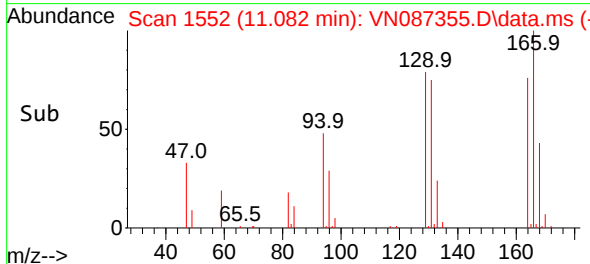
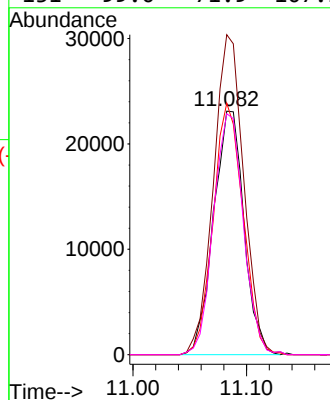
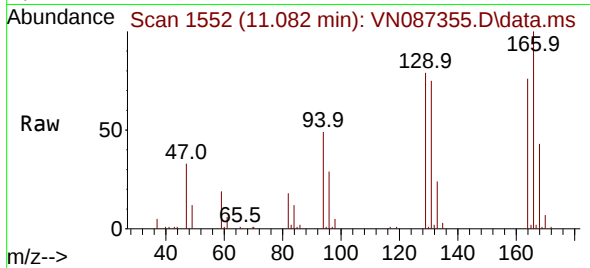




#61
Tetrachloroethene
Concen: 19.548 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

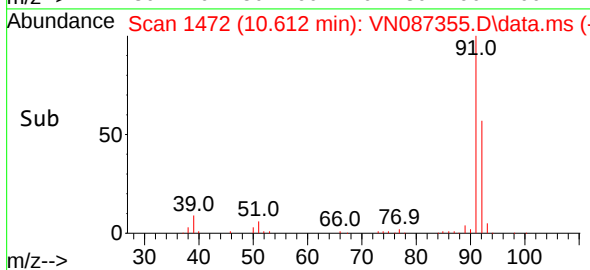
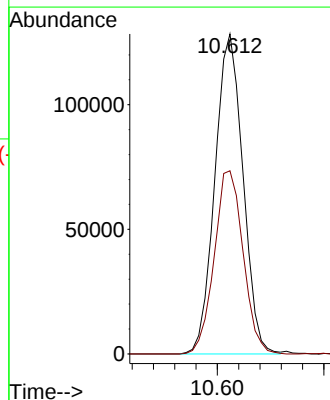
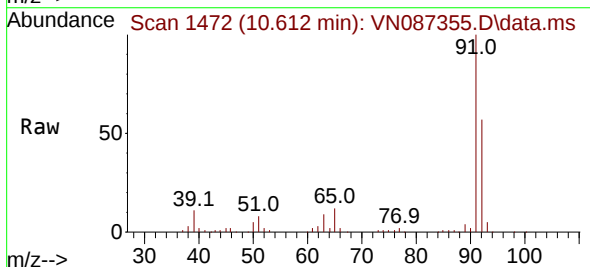
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

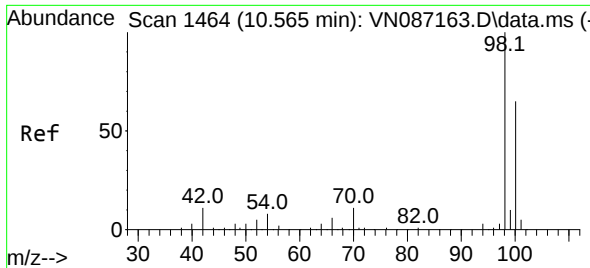
Tgt Ion:164 Resp: 42826
Ion Ratio Lower Upper
164 100
166 131.4 105.4 158.2
129 103.3 77.9 116.9
131 99.0 71.9 107.9



#62
Toluene
Concen: 18.766 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 91 Resp: 234475
Ion Ratio Lower Upper
91 100
92 58.9 45.8 68.8

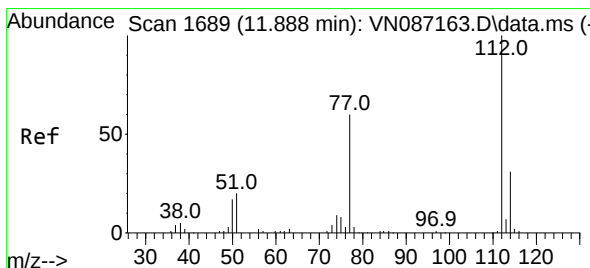
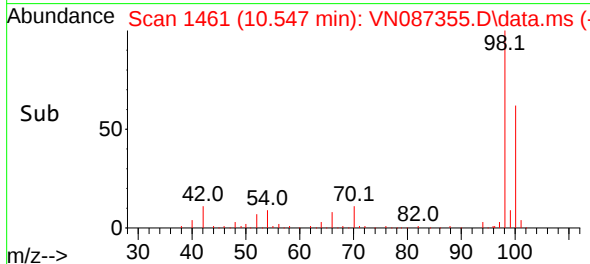
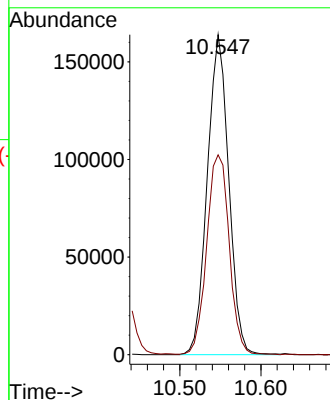
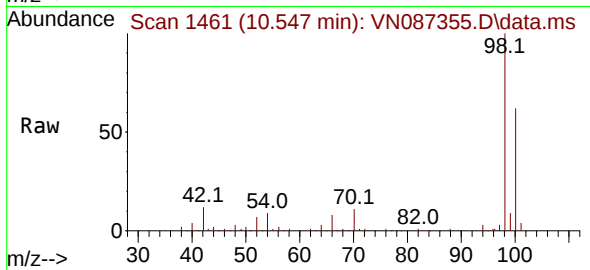




#63
Toluene-d8
Concen: 30.241 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

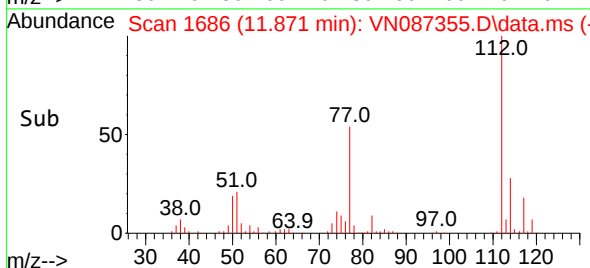
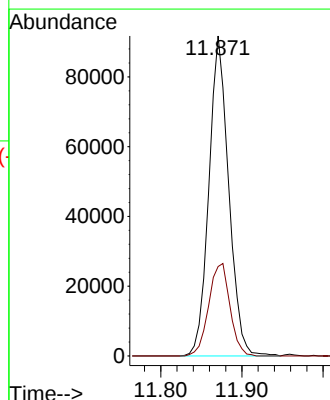
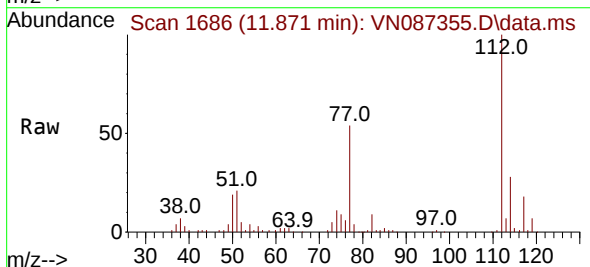
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

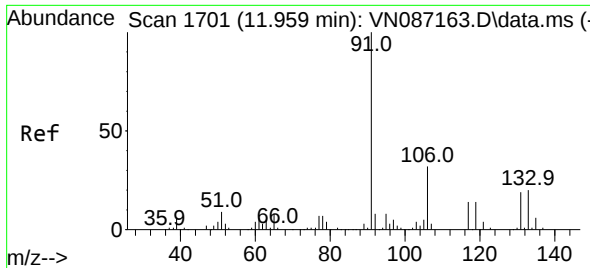
Tgt Ion: 98 Resp: 300395
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#64
Chlorobenzene
Concen: 19.484 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 112 Resp: 155289
Ion Ratio Lower Upper
112 100
114 27.9 25.0 37.4

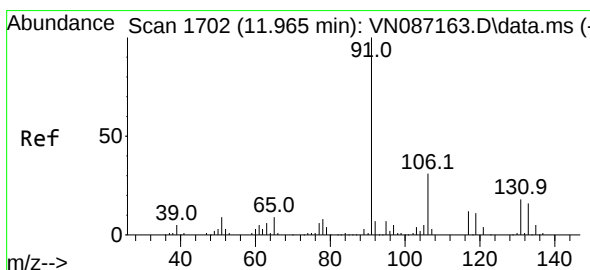
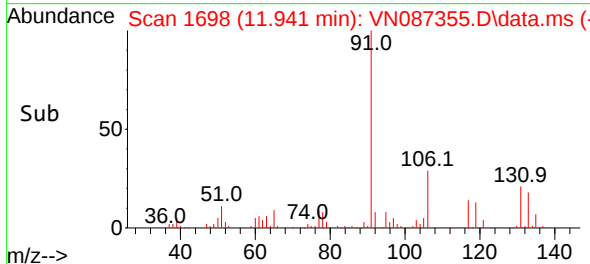
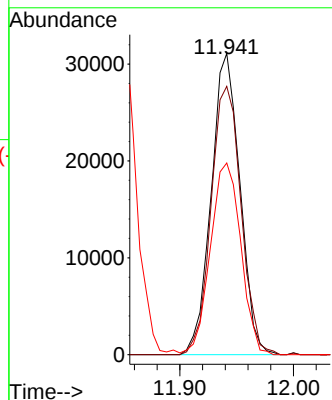
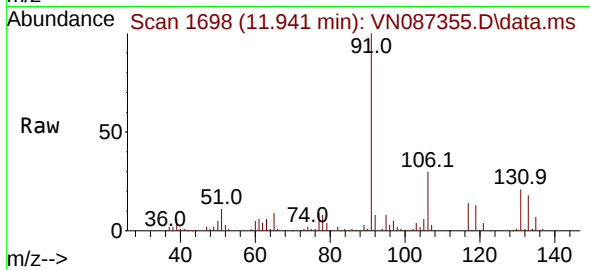




#65
1,1,1,2-Tetrachloroethane
Concen: 20.735 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

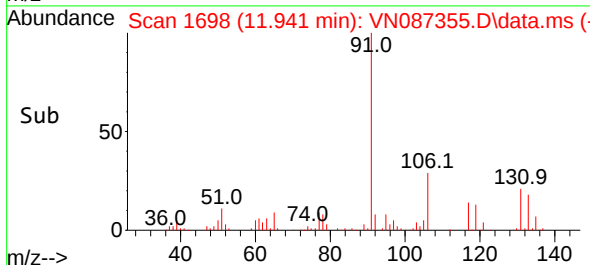
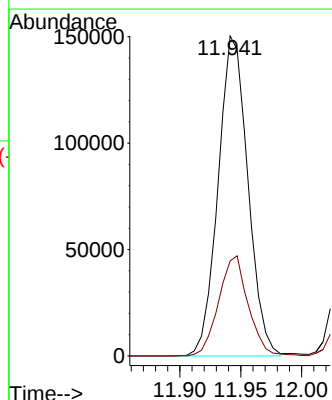
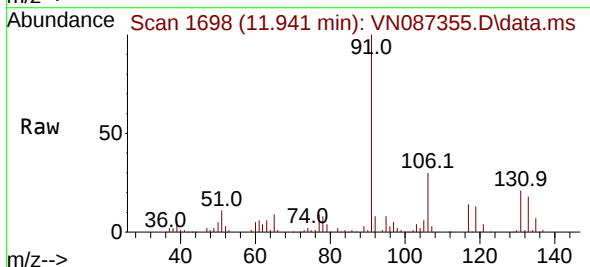
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

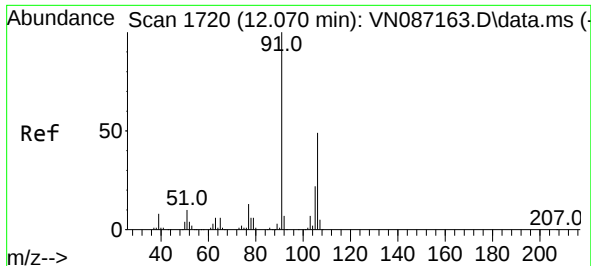
Tgt Ion:131 Resp: 54604
Ion Ratio Lower Upper
131 100
133 93.0 0.0 187.8
119 67.5 0.0 140.0



#66
Ethyl Benzene
Concen: 18.689 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 91 Resp: 255591
Ion Ratio Lower Upper
91 100
106 29.6 24.8 37.2

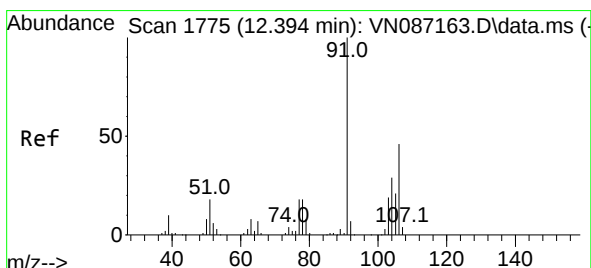
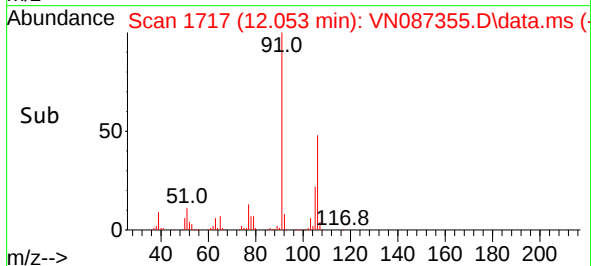
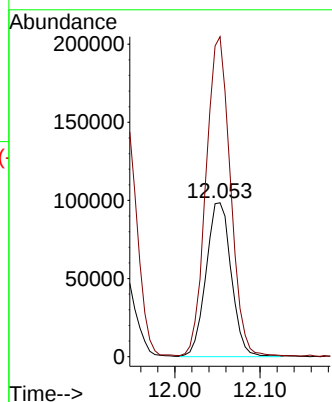
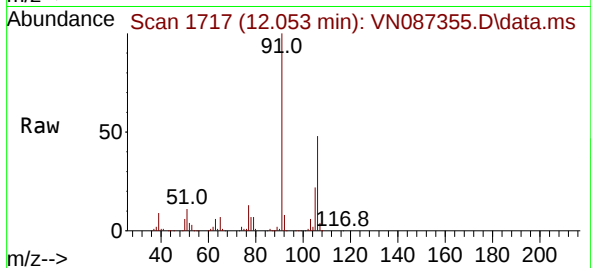




#67
m/p-Xylenes
Concen: 38.614 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

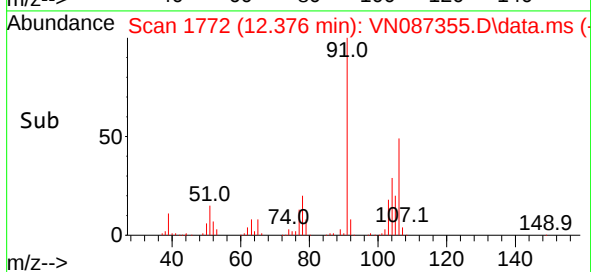
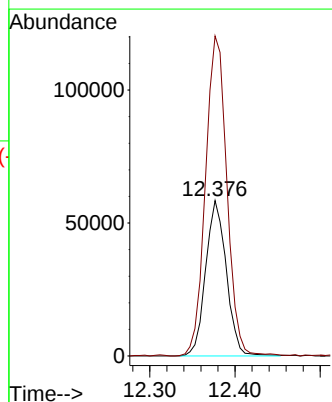
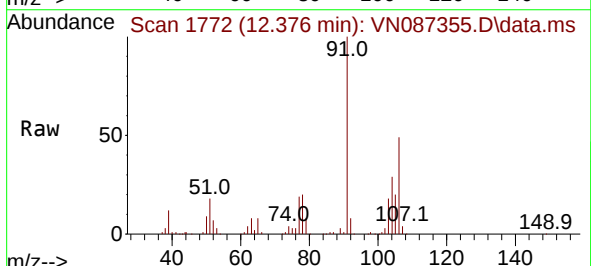
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

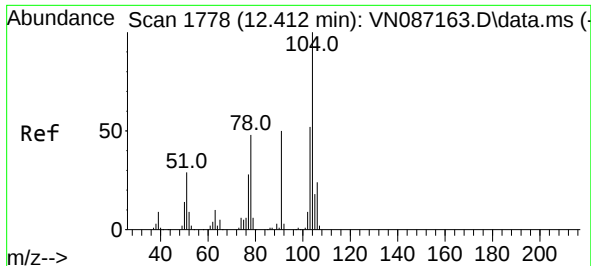
Tgt Ion:106 Resp: 202366
Ion Ratio Lower Upper
106 100
91 201.8 163.0 244.4



#68
o-Xylene
Concen: 19.756 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:106 Resp: 98777
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.1

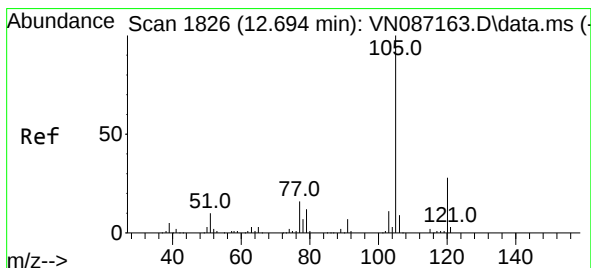
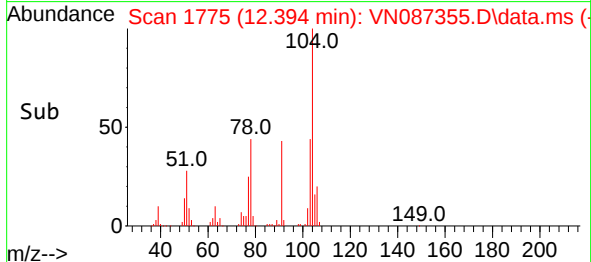
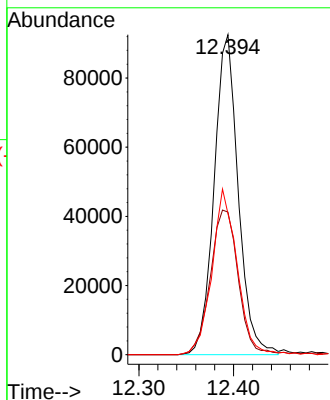
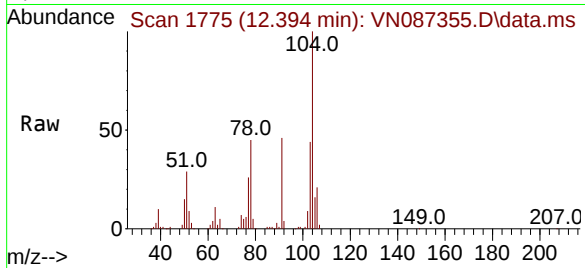




#69
Styrene
Concen: 19.109 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

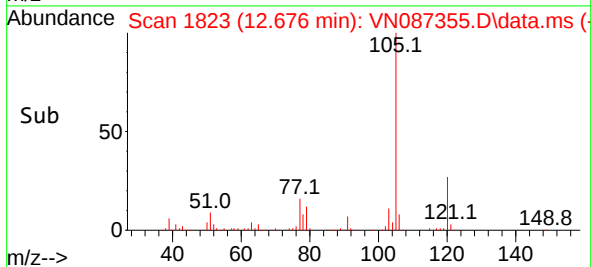
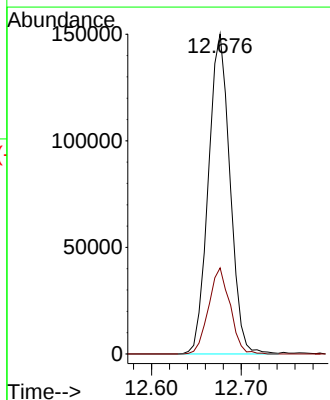
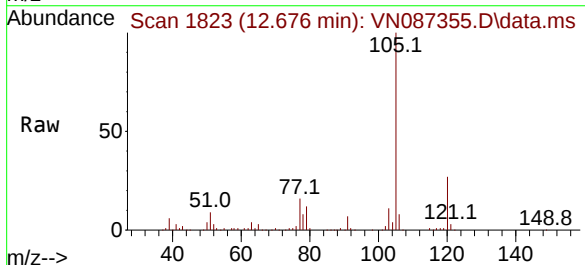
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

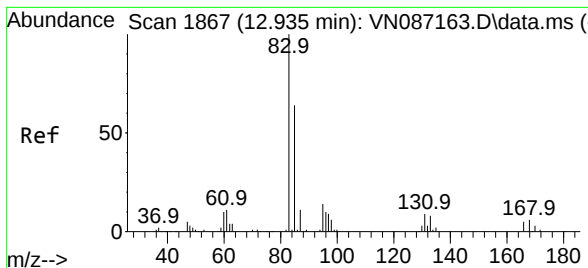
Tgt Ion:104 Resp: 164025
Ion Ratio Lower Upper
104 100
78 52.1 39.8 59.8
103 54.0 44.2 66.4



#70
Isopropylbenzene
Concen: 20.205 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:105 Resp: 251596
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2

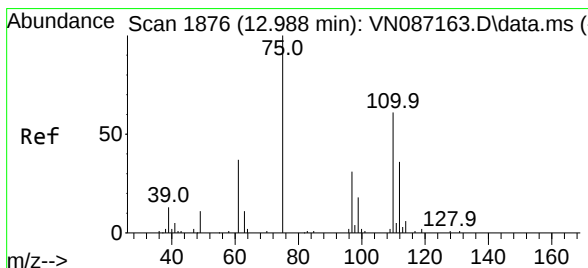
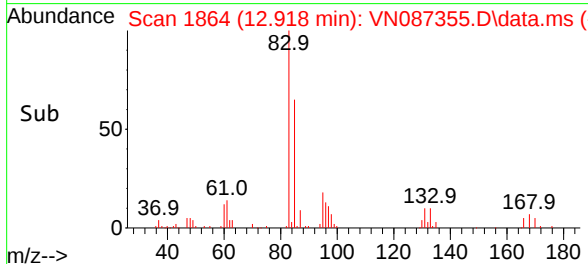
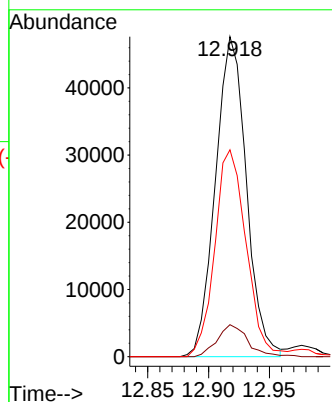
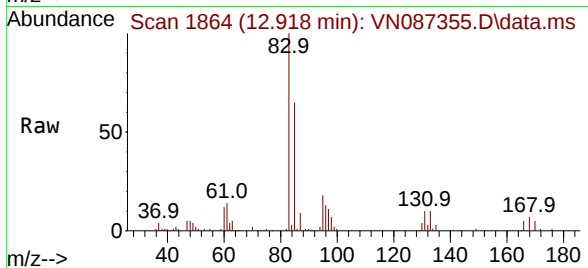




#71
1,1,2,2-Tetrachloroethane
Concen: 18.779 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

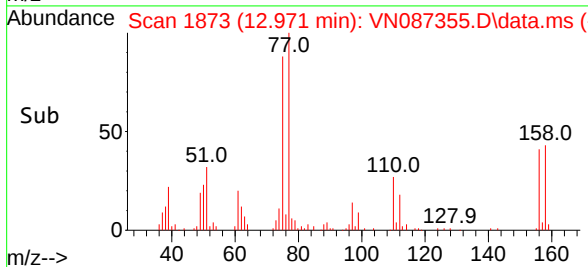
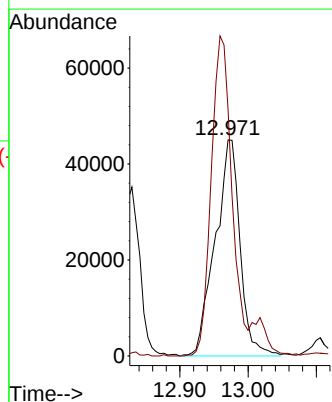
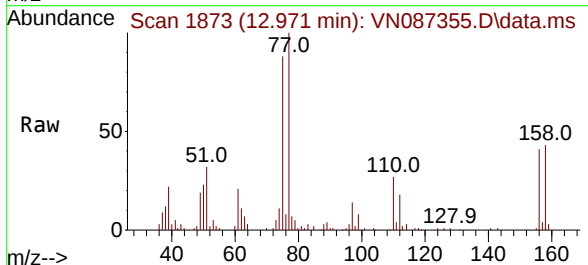
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

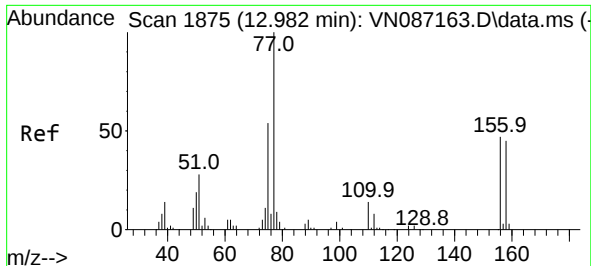
Tgt Ion: 83 Resp: 84169
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.4
85 65.4 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 29.557 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 75 Resp: 114244
Ion Ratio Lower Upper
75 100
77 123.1 0.0 379.2

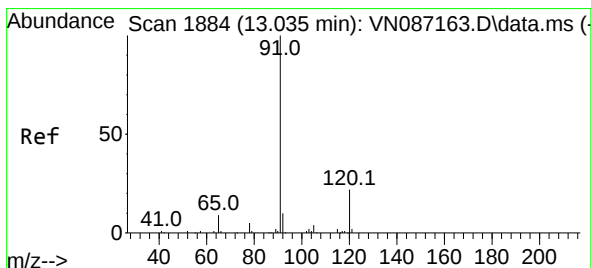
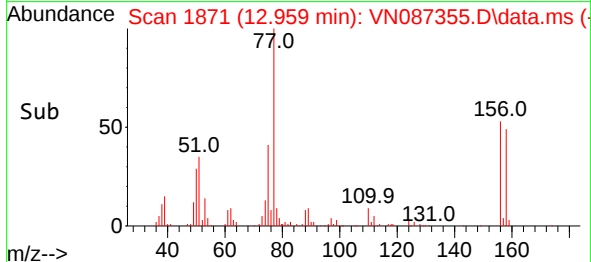
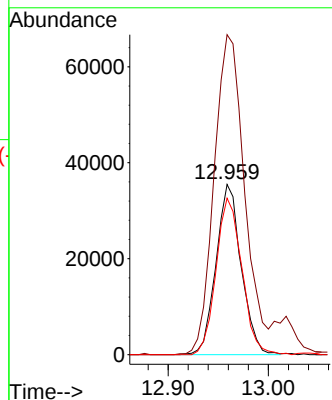
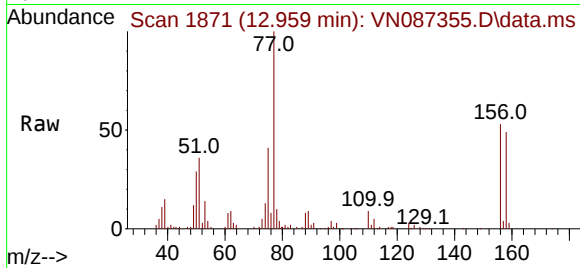




#73
Bromobenzene
Concen: 20.497 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

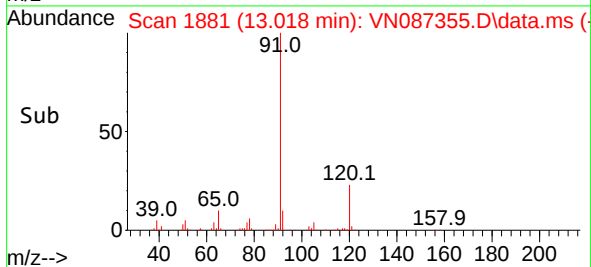
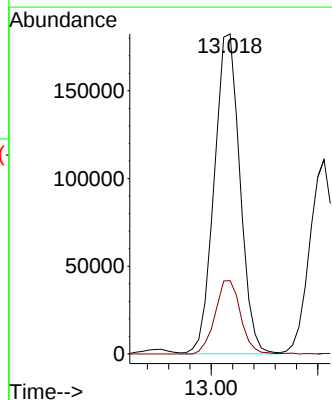
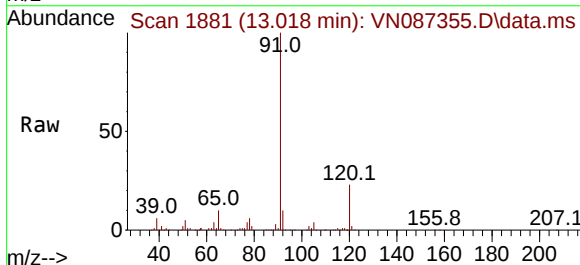
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

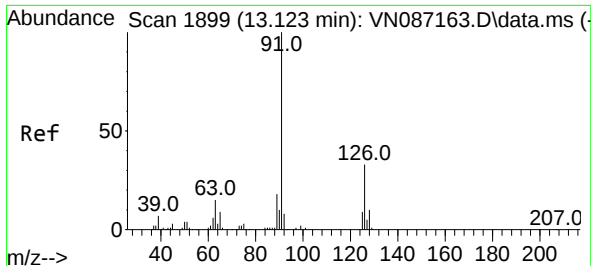
Tgt Ion:156 Resp: 61915
Ion Ratio Lower Upper
156 100
77 227.2 0.0 489.0
158 94.2 0.0 195.2



#74
n-propylbenzene
Concen: 20.073 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 91 Resp: 305361
Ion Ratio Lower Upper
91 100
120 22.7 0.0 43.6

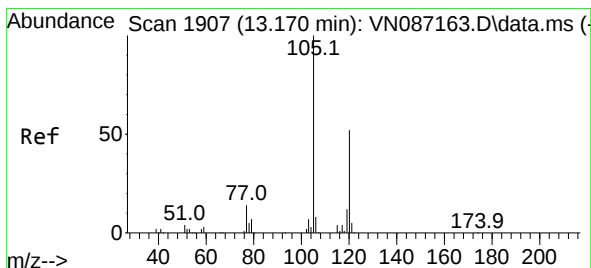
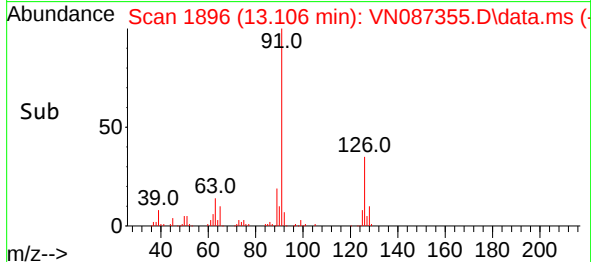
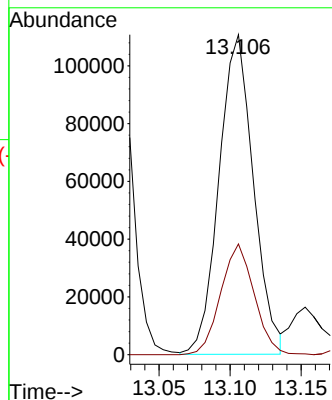
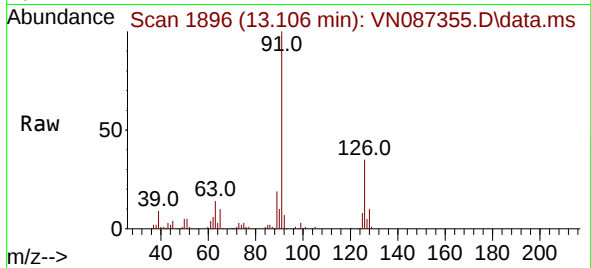




#75
2-Chlorotoluene
Concen: 20.341 ug/l
RT: 13.106 min Scan# 1899
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

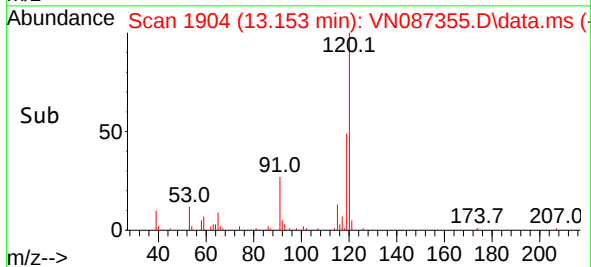
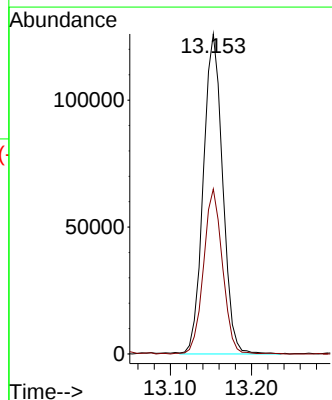
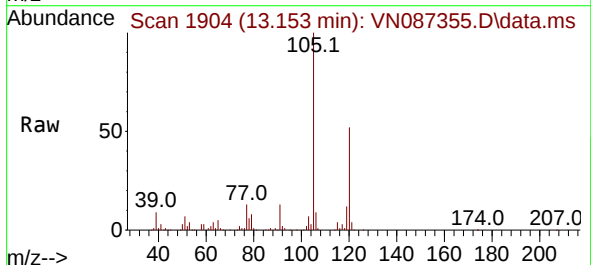
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

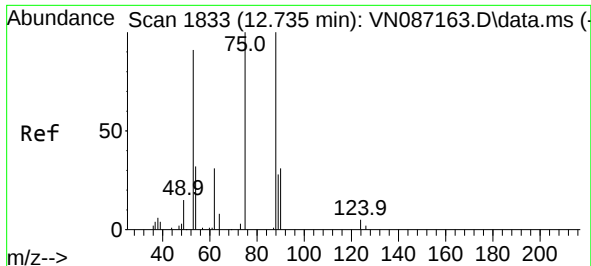
Tgt Ion: 91 Resp: 186953
Ion Ratio Lower Upper
91 100
126 33.6 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 20.535 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 105 Resp: 208165
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.727 ug/l

RT: 12.718 min Scan# 1830

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

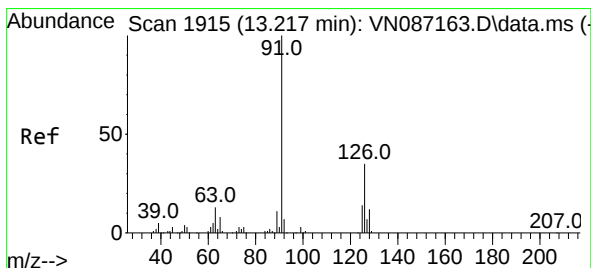
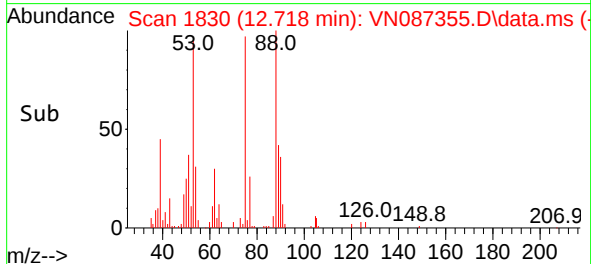
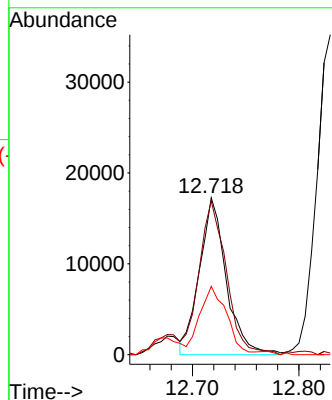
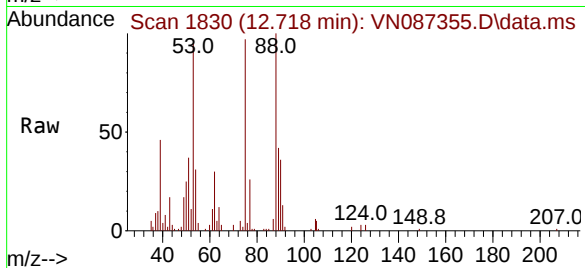
Tgt Ion: 75 Resp: 30392

Ion Ratio Lower Upper

75 100

53 99.3 45.9 137.6

89 44.1 22.3 66.9



#78

4-Chlorotoluene

Concen: 20.364 ug/l

RT: 13.200 min Scan# 1912

Delta R.T. -0.018 min

Lab File: VN087355.D

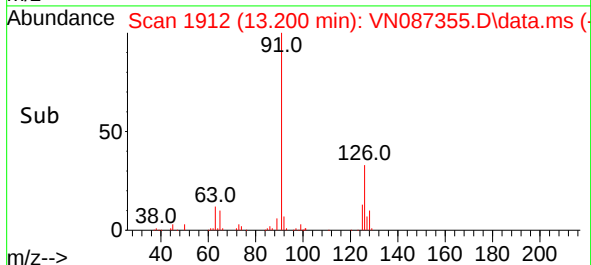
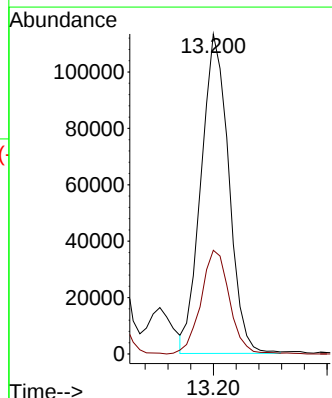
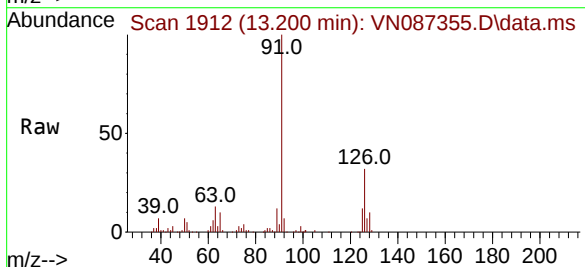
Acq: 18 Jul 2025 10:21

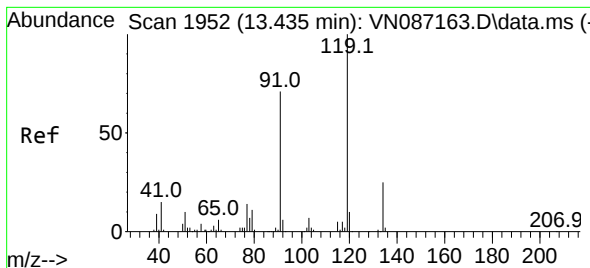
Tgt Ion: 91 Resp: 191687

Ion Ratio Lower Upper

91 100

126 33.5 0.0 65.2

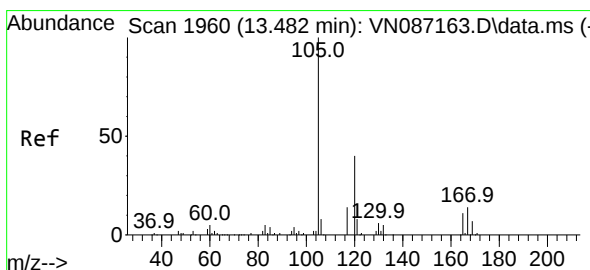
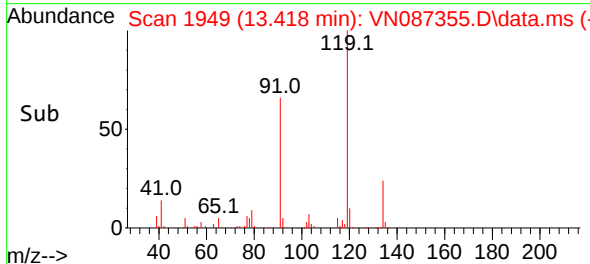
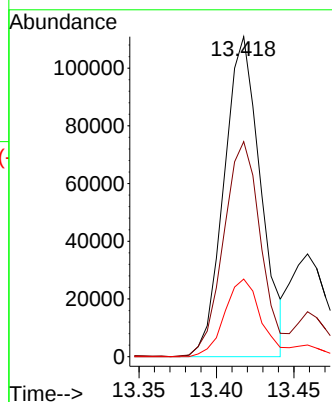
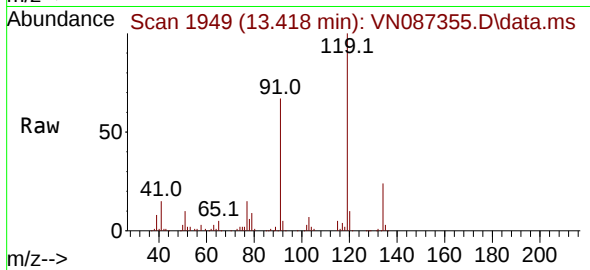




#79
tert-butylbenzene
Concen: 21.403 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

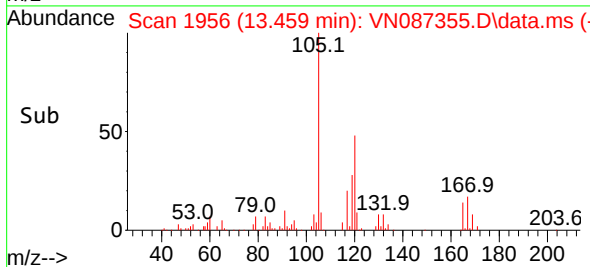
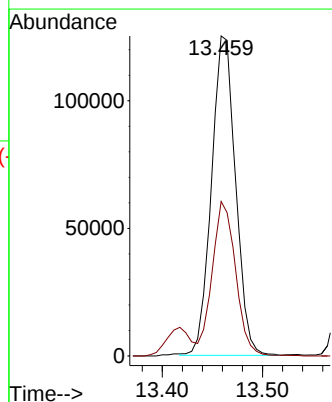
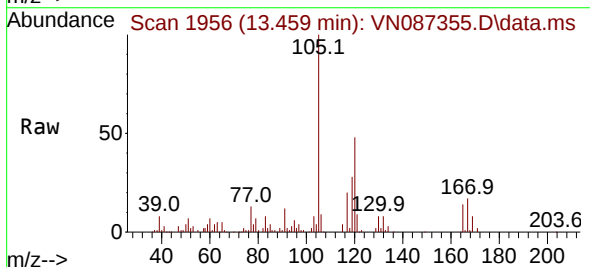
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

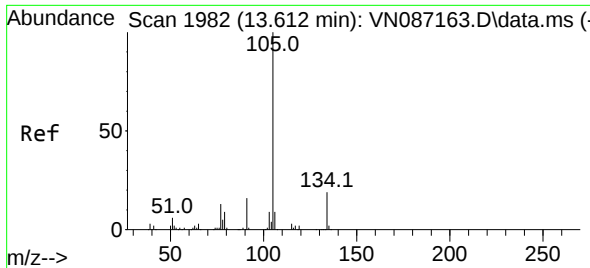
Tgt Ion:119 Resp: 182382
Ion Ratio Lower Upper
119 100
91 69.5 0.0 137.0
134 24.2 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.516 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:105 Resp: 208842
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.0

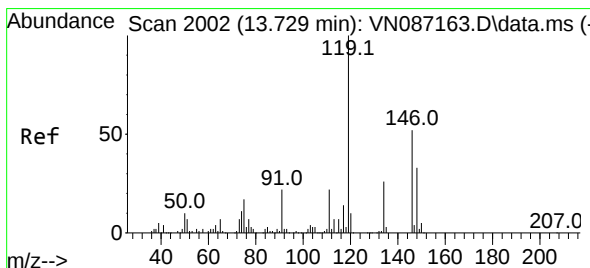
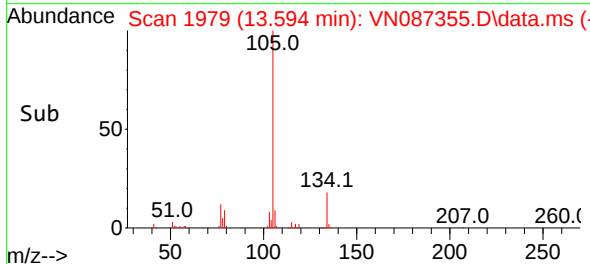
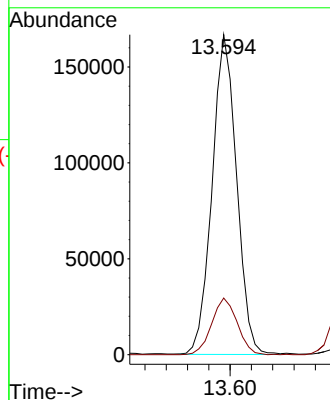
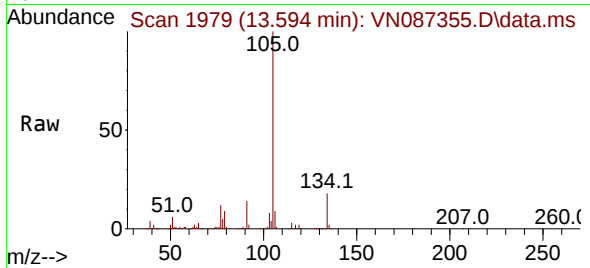




#81
 sec-Butylbenzene
 Concen: 21.448 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.018 min
 Lab File: VN087355.D
 Acq: 18 Jul 2025 10:21

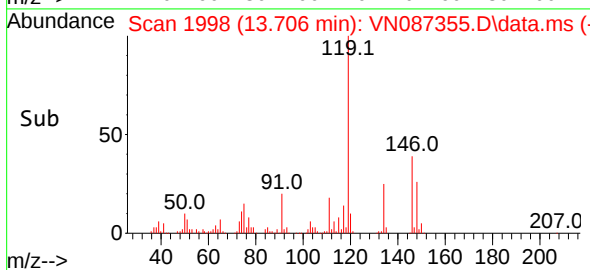
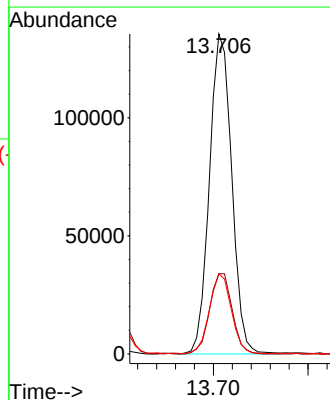
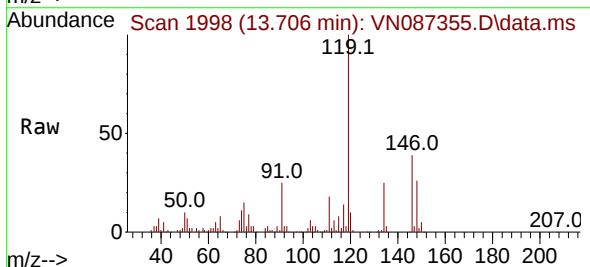
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

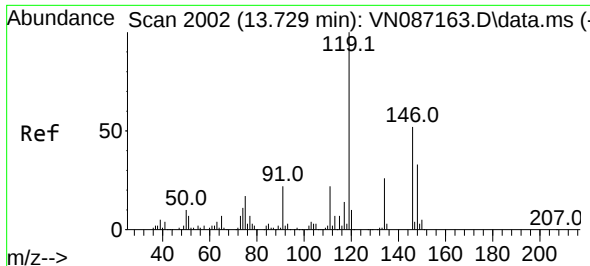
Tgt Ion:105 Resp: 265685
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 21.481 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.023 min
 Lab File: VN087355.D
 Acq: 18 Jul 2025 10:21

Tgt Ion:119 Resp: 221441
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.2
 91 24.7 0.0 46.4

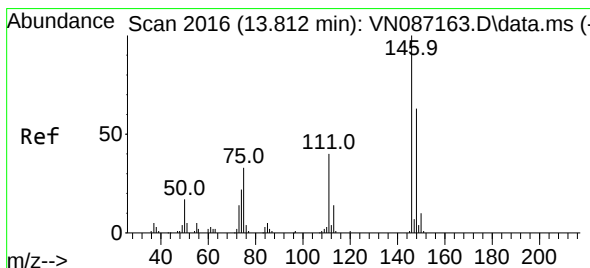
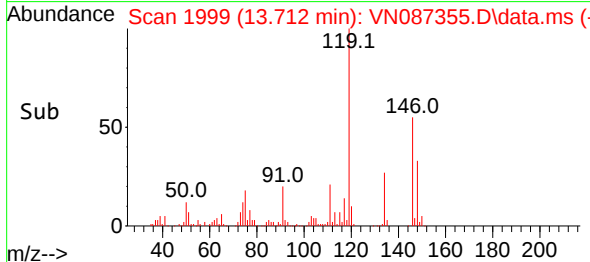
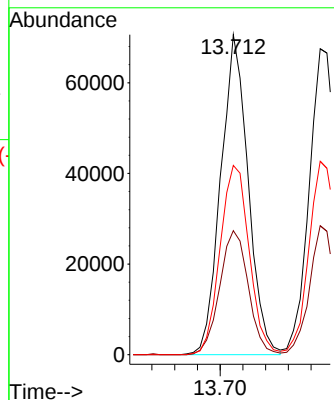
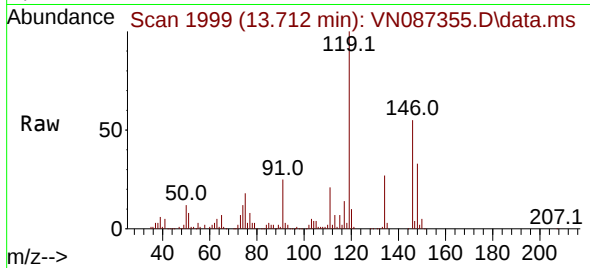




#83
1,3-Dichlorobenzene
Concen: 20.341 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

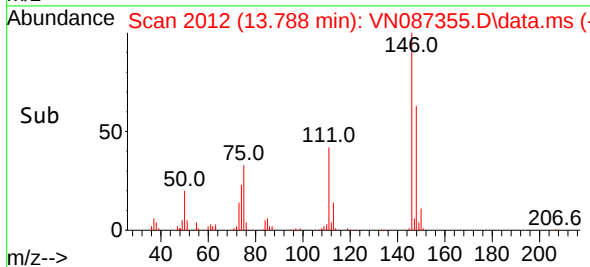
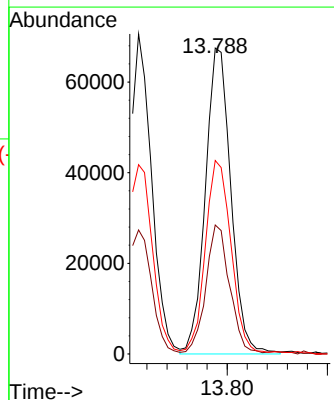
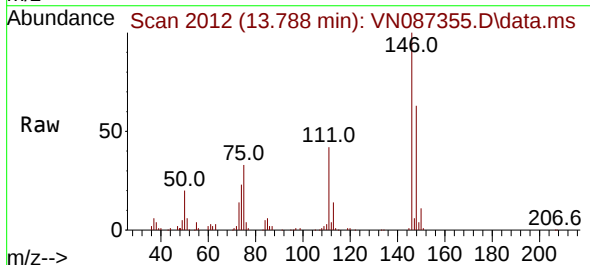
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

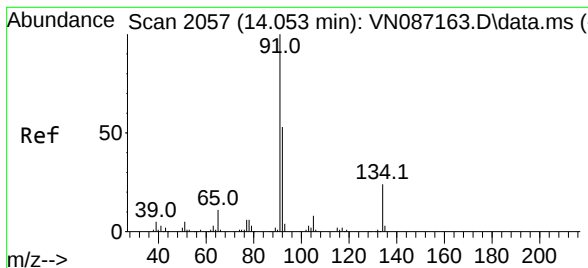
Tgt Ion:146 Resp: 118319
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.3
148 63.0 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 20.396 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:146 Resp: 119403
Ion Ratio Lower Upper
146 100
111 39.6 20.1 60.2
148 64.0 31.4 94.2





#85

n-Butylbenzene

Concen: 21.533 ug/l

RT: 14.035 min Scan# 2057

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

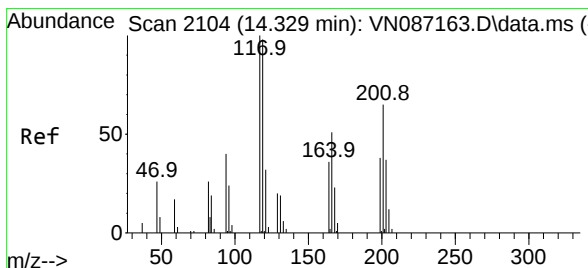
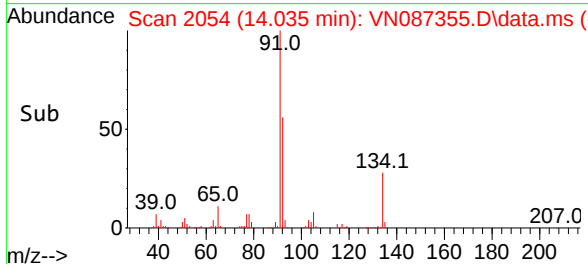
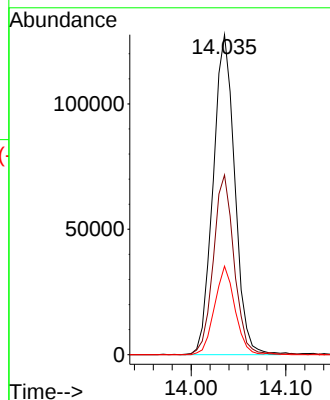
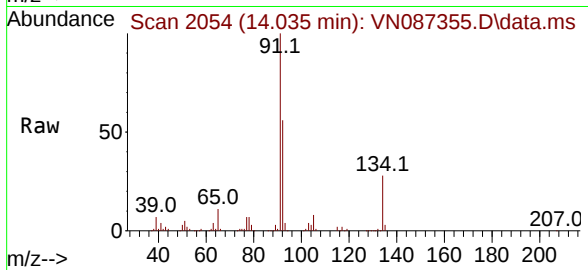
Tgt Ion: 91 Resp: 202524

Ion Ratio Lower Upper

91 100

92 53.7 0.0 106.4

134 26.0 0.0 48.8



#86

Hexachloroethane

Concen: 21.099 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.018 min

Lab File: VN087355.D

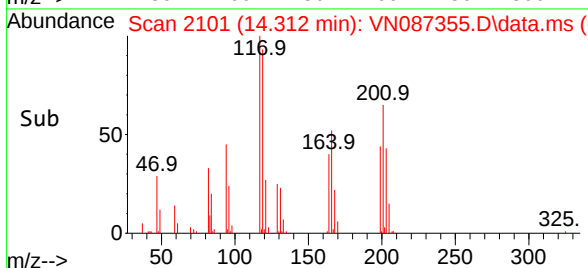
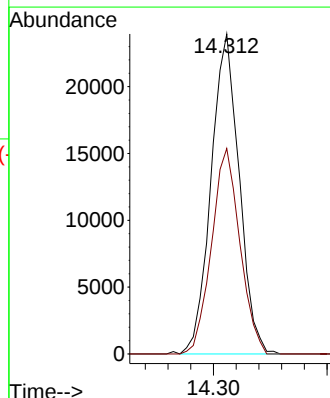
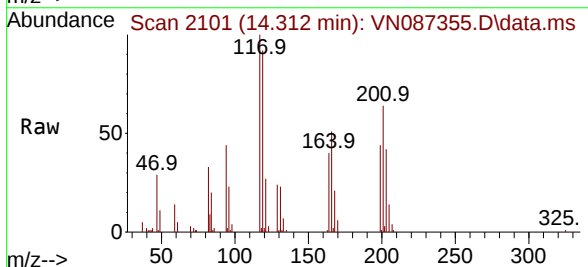
Acq: 18 Jul 2025 10:21

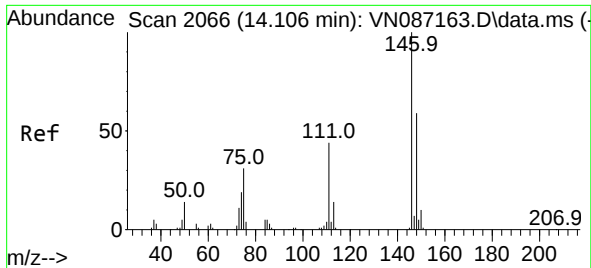
Tgt Ion: 117 Resp: 41171

Ion Ratio Lower Upper

117 100

201 64.7 30.8 92.3

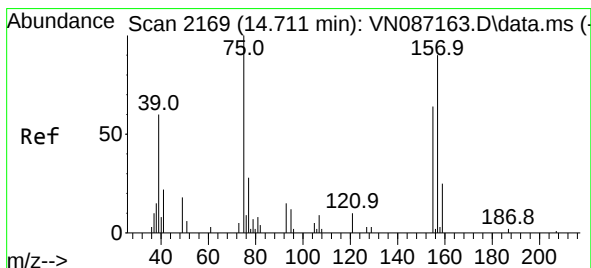
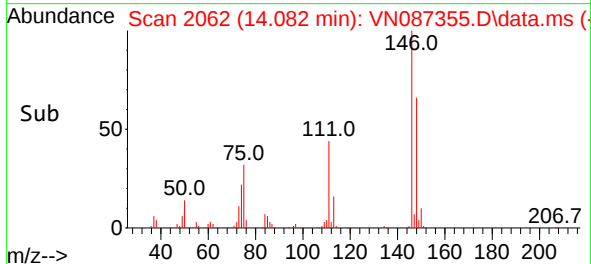
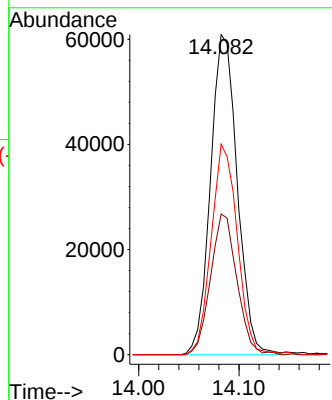
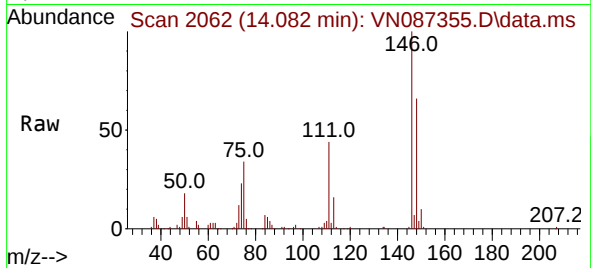




#87
1,2-Dichlorobenzene
Concen: 20.558 ug/l
RT: 14.082 min Scan# 2066
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

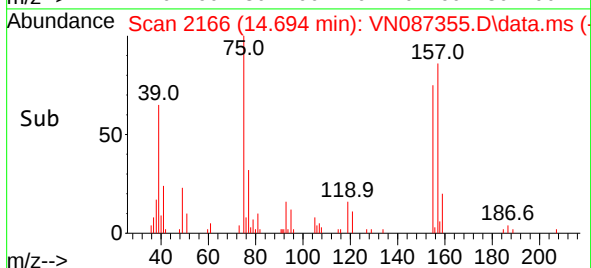
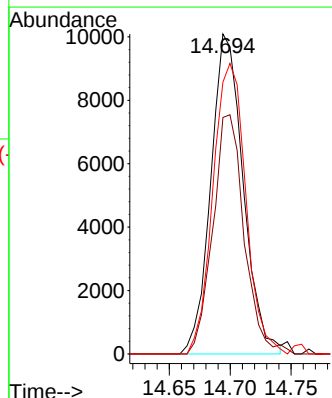
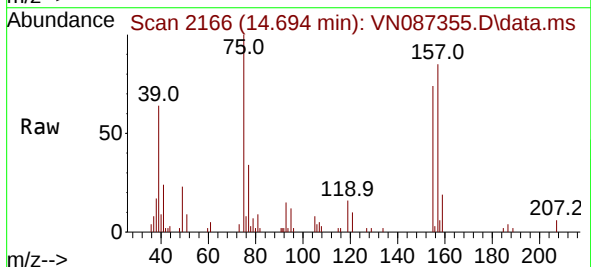
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

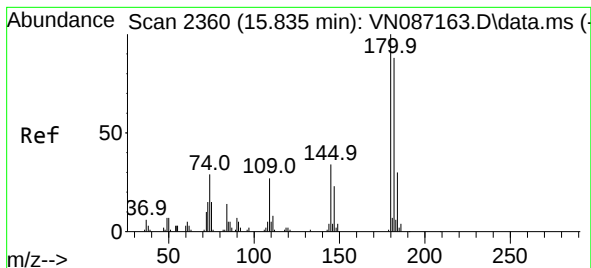
Tgt Ion:146 Resp: 112749
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.1
148 64.0 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.524 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion: 75 Resp: 18696
Ion Ratio Lower Upper
75 100
155 72.2 58.3 87.5
157 91.8 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 22.069 ug/l

RT: 15.812 min Scan# 21

Delta R.T. -0.023 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

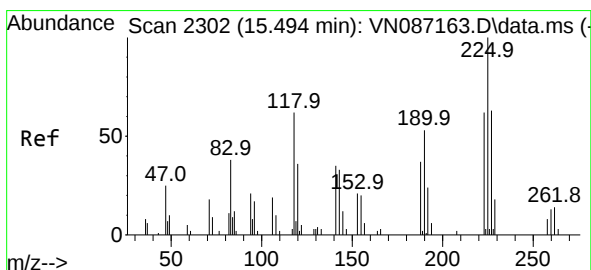
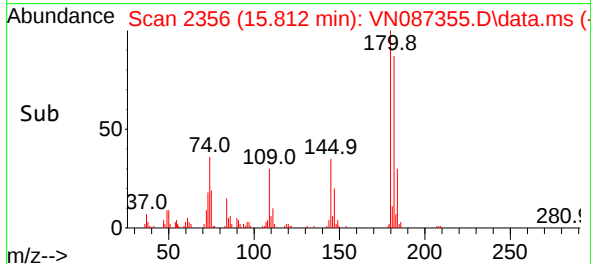
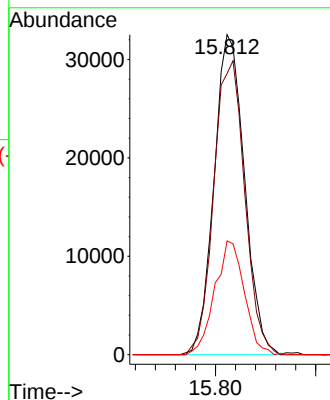
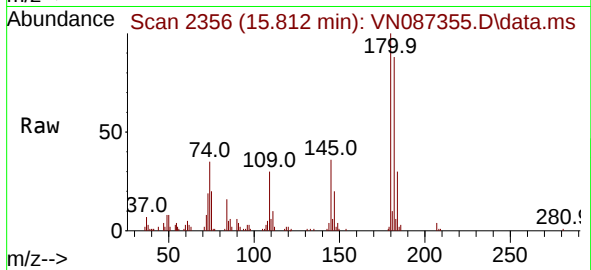
Tgt Ion:180 Resp: 68481

Ion Ratio Lower Upper

180 100

182 93.4 74.2 111.2

145 34.4 27.6 41.4



#90

Hexachlorobutadiene

Concen: 31.005 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.018 min

Lab File: VN087355.D

Acq: 18 Jul 2025 10:21

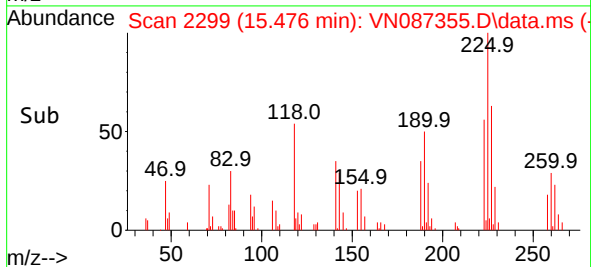
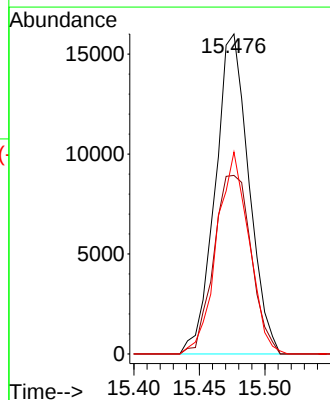
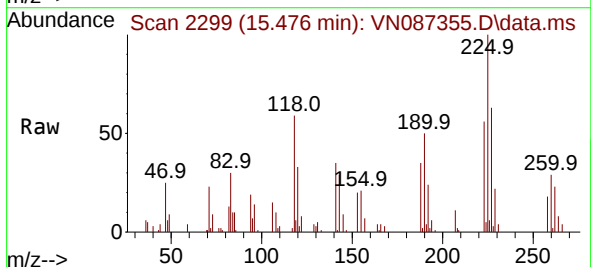
Tgt Ion:225 Resp: 28549

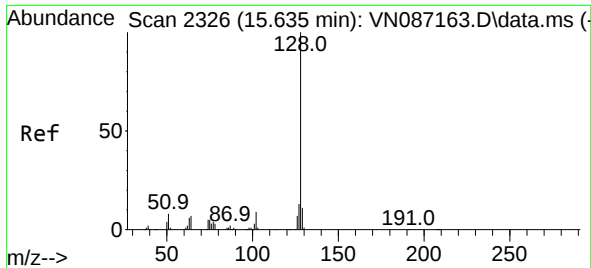
Ion Ratio Lower Upper

225 100

223 62.3 0.0 134.2

227 60.7 0.0 122.6

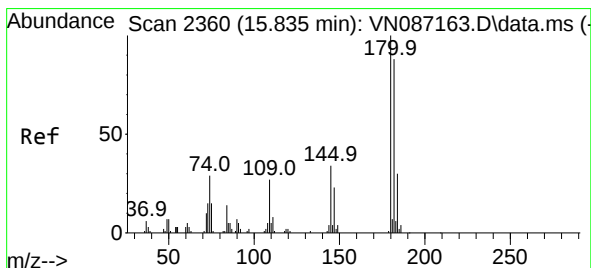
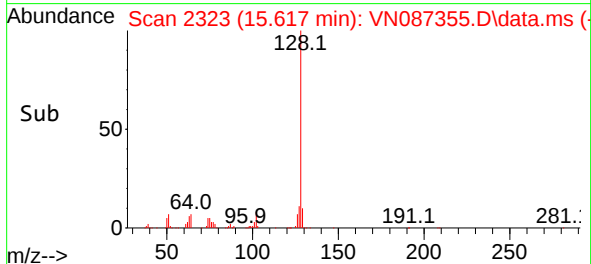
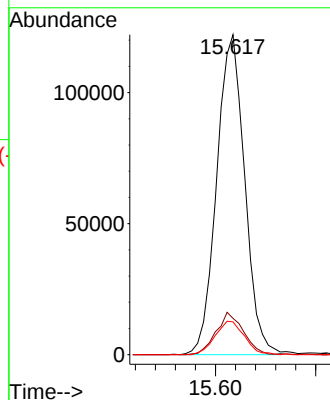
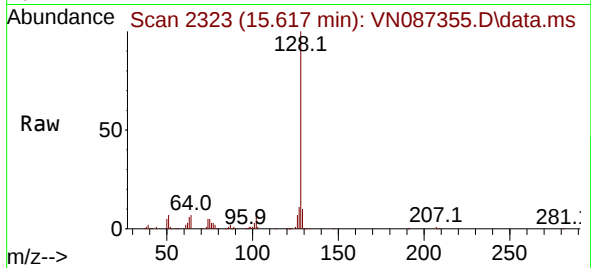




#91
Naphthalene
Concen: 19.408 ug/l
RT: 15.617 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tgt Ion:128 Resp: 237010
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 22.069 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.023 min
Lab File: VN087355.D
Acq: 18 Jul 2025 10:21

Tgt Ion:180 Resp: 68481
Ion Ratio Lower Upper
180 100
182 93.4 0.0 185.4
145 34.4 0.0 69.0

