

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087408.D
 Acq On : 24 Jul 2025 09:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 04:50:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	26796	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	129996	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	122075	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	68763	31.115	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.733%
60) 4-Bromofluorobenzene	12.829	95	60349	29.632	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.767%
63) Toluene-d8	10.547	98	166151	29.928	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33470	20.414	ug/l	92
3) Chloromethane	2.383	50	32556	19.991	ug/l	95
4) Vinyl Chloride	2.542	62	35224	19.625	ug/l #	88
6) Chloroethane	3.142	64	27611	20.017	ug/l	91
7) Trichlorofluoromethane	3.512	101	62295	20.409	ug/l	94
8) Diethyl Ether	3.959	74	24033	19.779	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	32391	20.024	ug/l #	68
10) 1,1-Dichloroethene	4.336	96	33256	19.802	ug/l #	87
11) Methyl Iodide	4.577	142	20421	16.669	ug/l	80
12) Methyl Acetate	5.018	43	43643	19.979	ug/l	98
13) Acrolein	4.177	56	45396	114.311	ug/l	99
14) Acrylonitrile	5.712	53	92123	92.346	ug/l	97
15) Acetone	4.418	58	41262	117.155	ug/l	95
16) Carbon Disulfide	4.706	76	84325	19.442	ug/l	99
17) Allyl chloride	5.012	41	44450	19.321	ug/l	87
18) Methylene Chloride	5.265	84	33544	19.735	ug/l #	84
19) trans-1,2-Dichloroethene	5.777	96	31172	18.900	ug/l	98
20) Diisopropyl ether	6.665	45	104968	18.043	ug/l	96
21) 1,1-Dichloroethane	6.553	63	62326	20.058	ug/l	94
22) cis-1,2-Dichloroethene	7.471	96	37504	19.413	ug/l	97
23) tert-Butyl Alcohol	5.524	59	33696	98.556	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	104386	19.234	ug/l	99
25) Chloroform	7.953	83	63970	18.797	ug/l	95
26) Cyclohexane	8.241	56	40800	17.613	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	39802	17.946	ug/l	99
30) 2-Butanone	7.471	43	138226	91.513	ug/l	99
31) 2,2-Dichloropropane	7.471	77	57150	19.621	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	56193	19.359	ug/l	98
33) Carbon Tetrachloride	8.347	117	46566	18.466	ug/l	91
34) Benzene	8.588	78	135901	18.972	ug/l	99
35) Methacrylonitrile	7.765	41	27324	17.202	ug/l	90
36) 1,2-Dichloroethane	8.653	62	54466	19.274	ug/l	100
37) Trichloroethene	9.336	130	30972	18.947	ug/l	91
38) Methylcyclohexane	9.583	83	41538	17.717	ug/l	100
39) 1,2-Dichloropropane	9.606	63	33349	18.532	ug/l	90
40) Dibromomethane	9.688	93	27148	19.499	ug/l	99
41) Bromodichloromethane	9.871	83	52302	18.920	ug/l	91
42) Vinyl Acetate	6.595	43	456154	89.150	ug/l	100
43) Ethyl Acetate	7.553	43	52375	17.033	ug/l #	75

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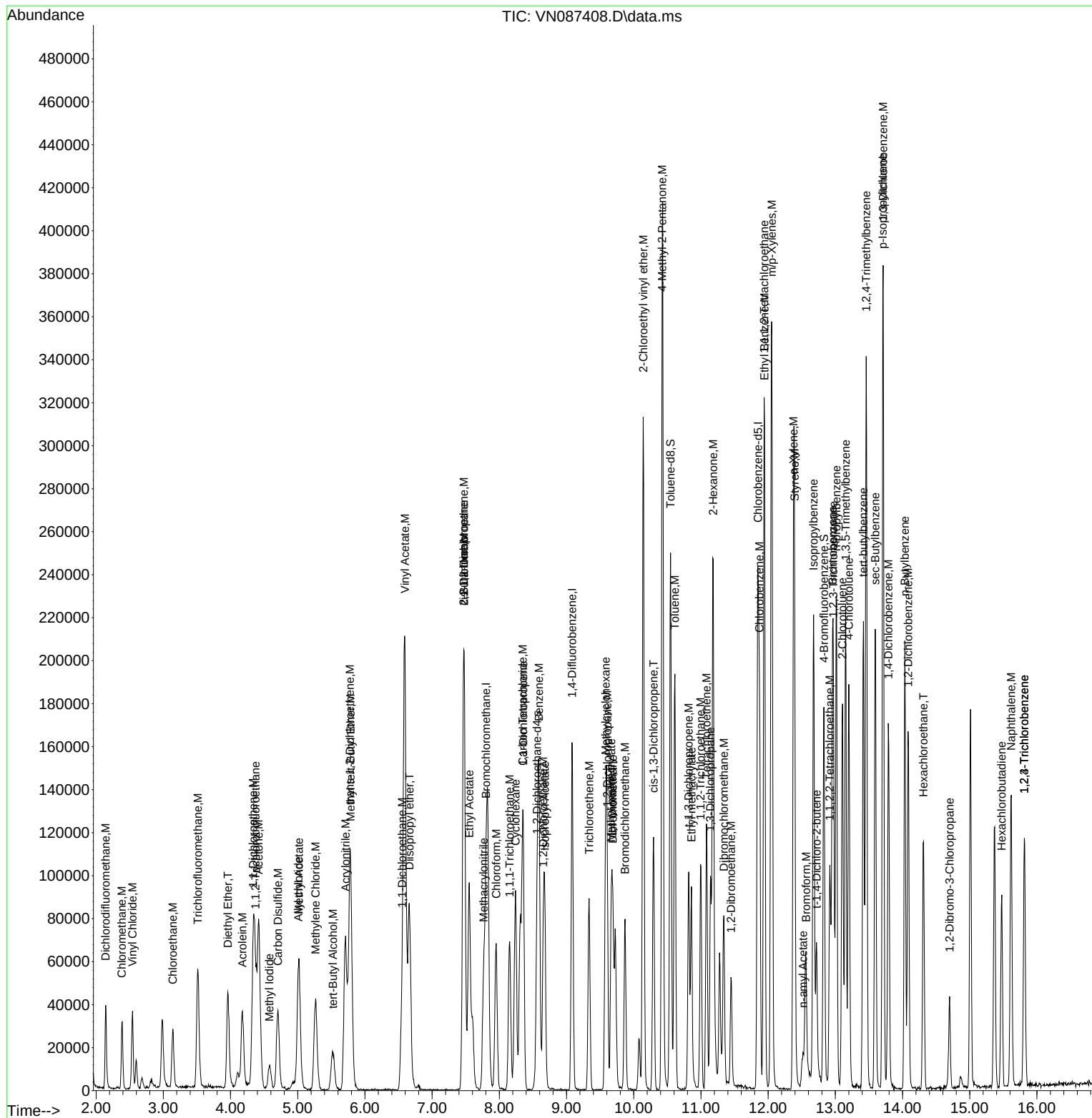
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44) Isopropyl Acetate	8.677	43	88137	18.156	ug/l	98
45) 1,4-Dioxane	9.683	88	11567	386.743	ug/l #	67
46) Methyl methacrylate	9.665	41	38319	17.141	ug/l	93
47) n-amyl Acetate	12.518	43	12125	4.168	ug/l #	67
48) t-1,3-Dichloropropene	10.818	75	54764	18.571	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	54970	18.639	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	33899	18.853	ug/l	88
51) Ethyl methacrylate	10.859	69	47667	17.335	ug/l	95
52) 1,3-Dichloropropane	11.141	76	56142	18.160	ug/l	99
53) Dibromochloromethane	11.341	129	39226	18.613	ug/l	98
54) 1,2-Dibromoethane	11.447	107	34334	18.629	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	132479	86.608	ug/l	99
56) Bromoform	12.565	173	24683	16.468	ug/l #	96
58) 4-Methyl-2-Pentanone	10.424	43	281209	94.206	ug/l	100
59) 2-Hexanone	11.182	43	185336	91.986	ug/l	99
61) Tetrachloroethene	11.082	164	27228	19.973	ug/l #	87
62) Toluene	10.612	91	142921	19.224	ug/l	95
64) Chlorobenzene	11.871	112	87415	18.391	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.941	131	33330	19.189	ug/l	97
66) Ethyl Benzene	11.947	91	147102	18.276	ug/l	97
67) m/p-Xylenes	12.053	106	115816	36.360	ug/l	99
68) o-Xylene	12.376	106	55943	18.309	ug/l	99
69) Styrene	12.394	104	94024	17.687	ug/l	97
70) Isopropylbenzene	12.676	105	138372	17.981	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	50971	18.829	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	64354	26.610	ug/l	64
73) Bromobenzene	12.959	156	36932	18.439	ug/l	97
74) n-propylbenzene	13.018	91	173189	17.822	ug/l	97
75) 2-Chlorotoluene	13.106	91	102359	17.538	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	120006	17.929	ug/l	99
77) t-1,4-Dichloro-2-butene	12.724	75	15361	15.893	ug/l	95
78) 4-Chlorotoluene	13.200	91	112080	18.005	ug/l	98
79) tert-butylbenzene	13.418	119	100347	17.652	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	122251	17.891	ug/l	100
81) sec-Butylbenzene	13.594	105	148791	18.136	ug/l	99
82) p-Isopropyltoluene	13.706	119	123715	17.570	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	73172	18.131	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	71813	18.028	ug/l	97
85) n-Butylbenzene	14.035	91	112446	17.339	ug/l	99
86) Hexachloroethane	14.312	117	25034	18.270	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	67374	17.731	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	10795	17.139	ug/l	94
89) 1,2,4-Trichlorobenzene	15.812	180	39293	17.926	ug/l	97
90) Hexachlorobutadiene	15.476	225	15620	17.277	ug/l	91
91) Naphthalene	15.617	128	123107	16.874	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	39293	17.926	ug/l	97

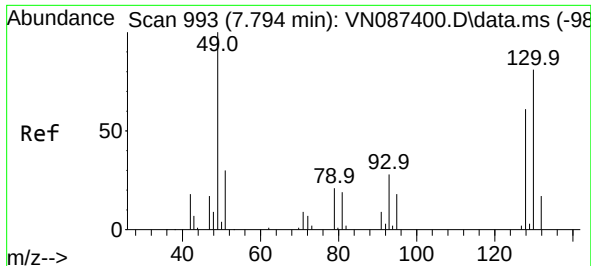
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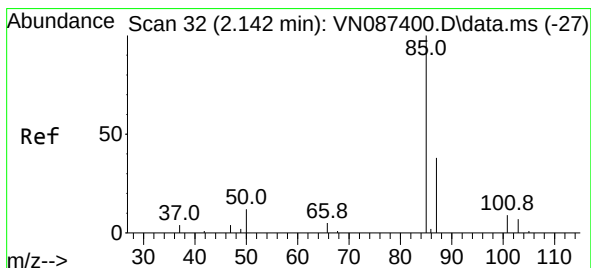
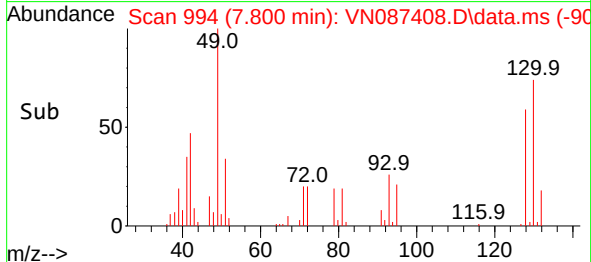
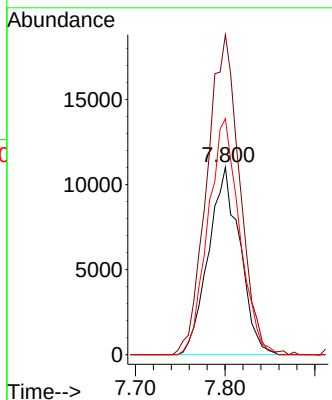
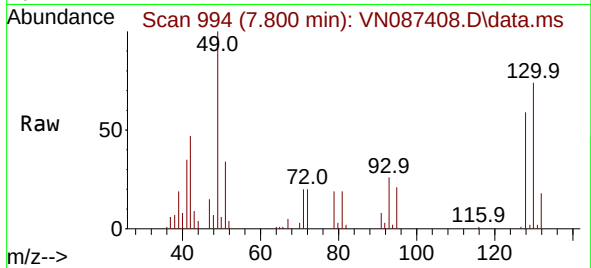




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087408.D
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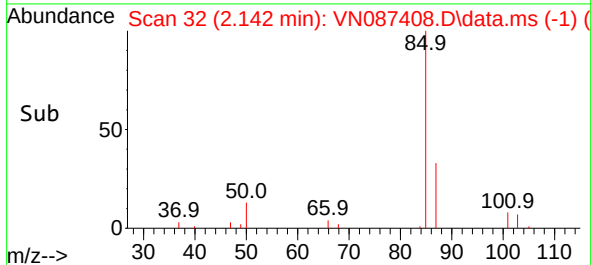
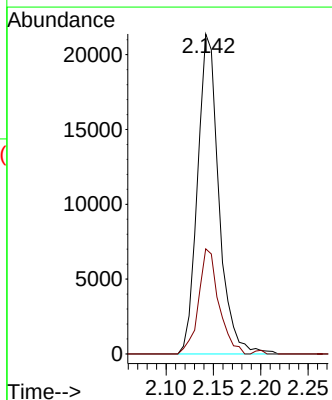
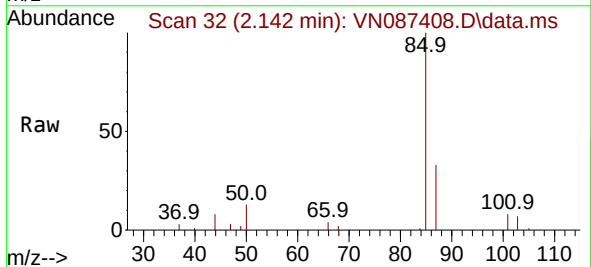
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MSVOA_N
ClientSampleId :

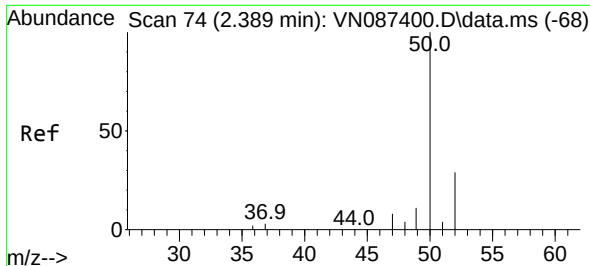
Tgt Ion:128 Resp: 26796
Ion Ratio Lower Upper
128 100
49 177.1 0.0 446.2
130 126.7 0.0 331.0



#2
Dichlorodifluoromethane
Concen: 20.414 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 85 Resp: 33470
Ion Ratio Lower Upper
85 100
87 32.9 18.9 56.9

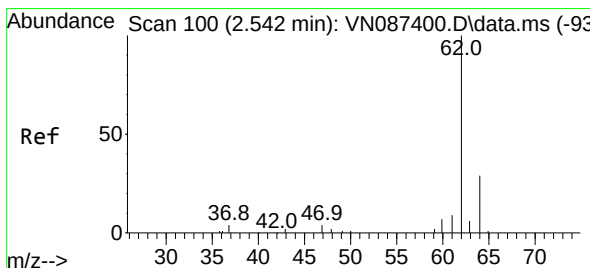
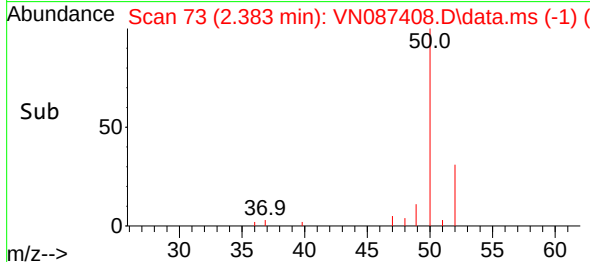
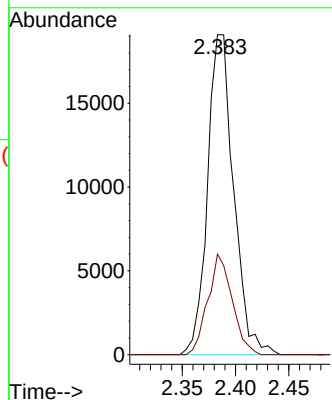
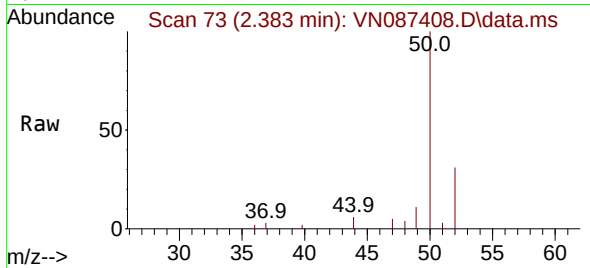




#3
Chloromethane
Concen: 19.991 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

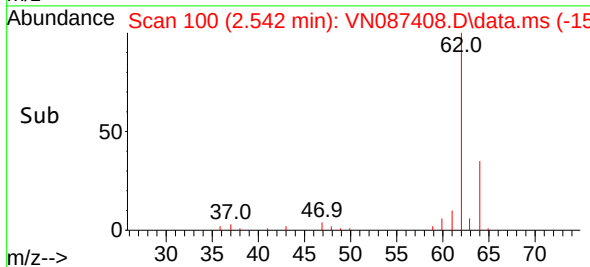
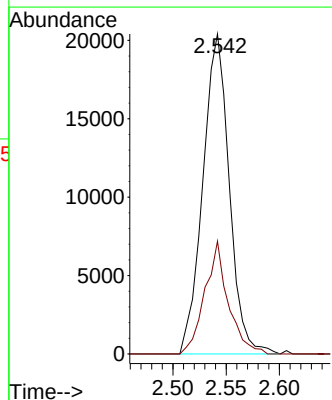
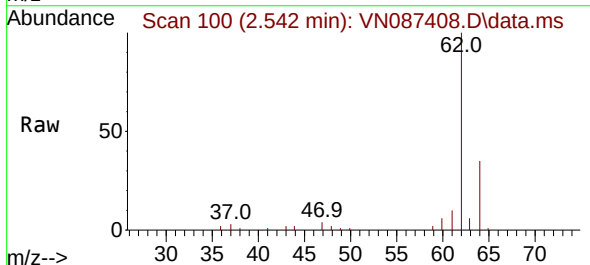
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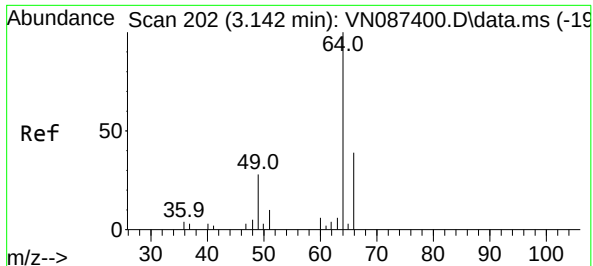
Tgt Ion: 50 Resp: 32556
Ion Ratio Lower Upper
50 100
52 31.4 23.2 34.8



#4
Vinyl Chloride
Concen: 19.625 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 62 Resp: 35224
Ion Ratio Lower Upper
62 100
64 35.3 23.2 34.8#

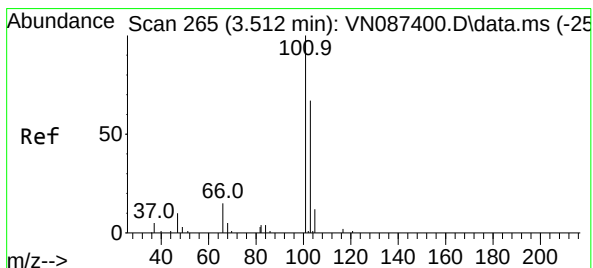
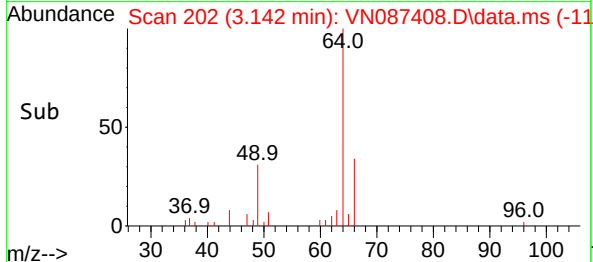
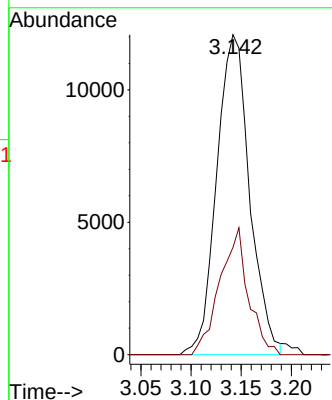
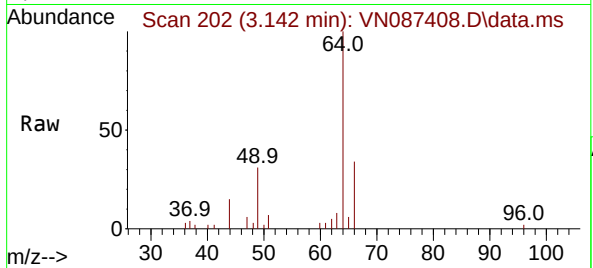




#6
Chloroethane
Concen: 20.017 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

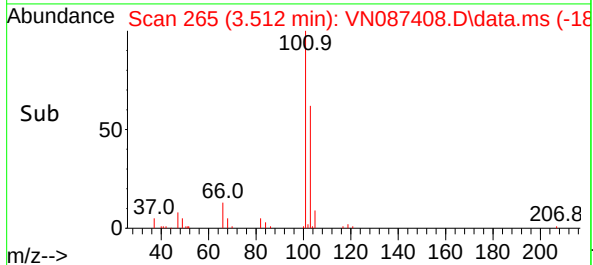
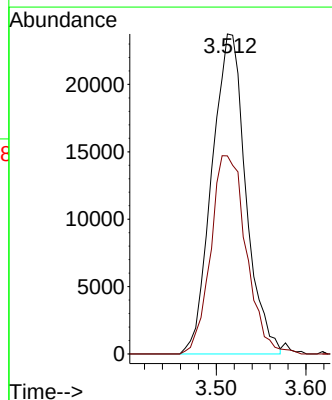
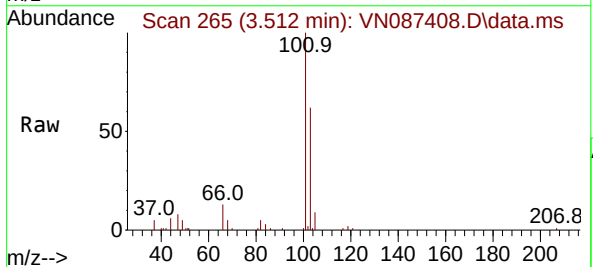
Instrument :
MSVOA_N
ClientSampleId :

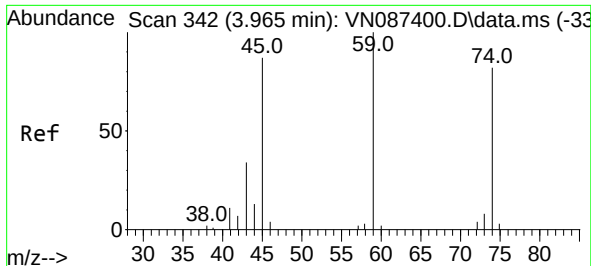
Tgt Ion: 64 Resp: 27611
Ion Ratio Lower Upper
64 100
66 33.5 31.4 47.2



#7
Trichlorofluoromethane
Concen: 20.409 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.000 min
Lab File: VN087408.D
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Tgt Ion:101 Resp: 62295
Ion Ratio Lower Upper
101 100
103 61.9 53.7 80.5

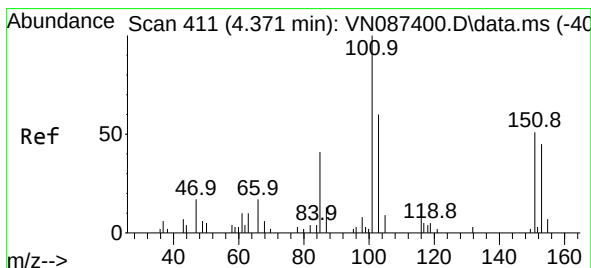
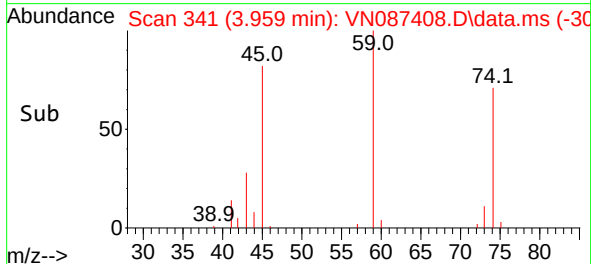
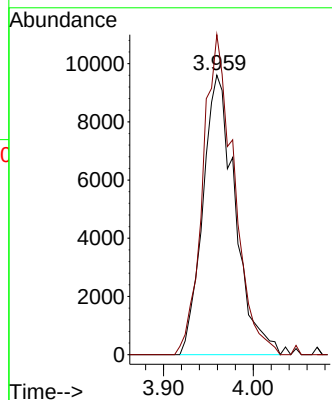
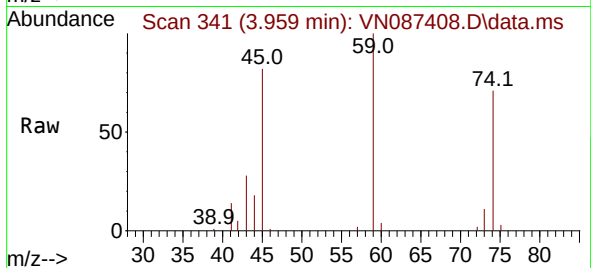




#8
Diethyl Ether
Concen: 19.779 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087408.D
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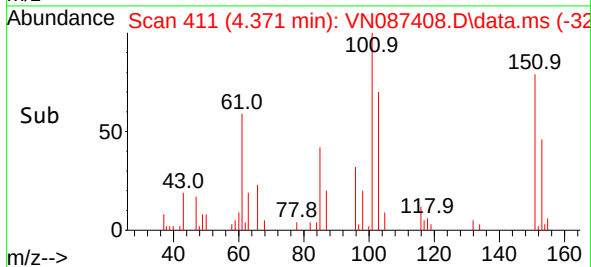
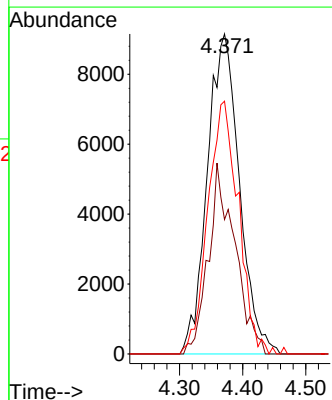
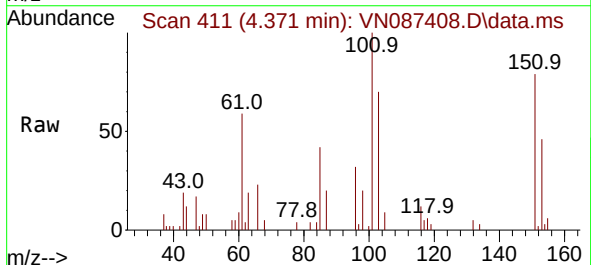
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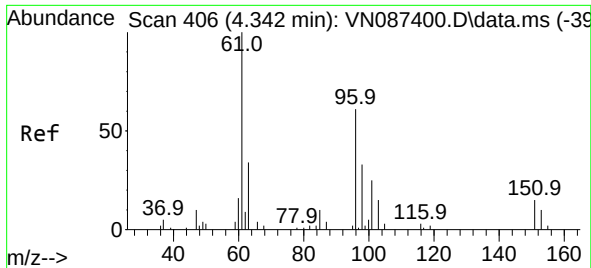
Tgt Ion: 74 Resp: 24033
Ion Ratio Lower Upper
74 100
45 110.8 21.4 192.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.024 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087408.D
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Tgt Ion: 101 Resp: 32391
Ion Ratio Lower Upper
101 100
85 49.3 0.0 94.8
151 74.0 0.0 64.8#

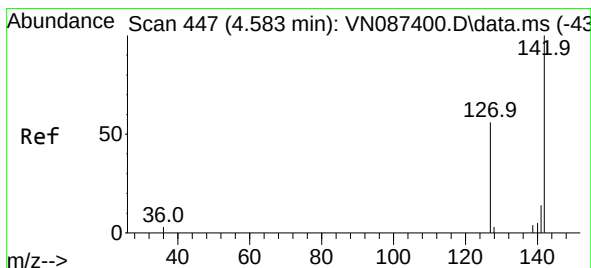
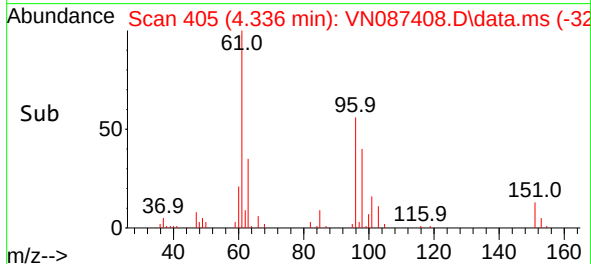
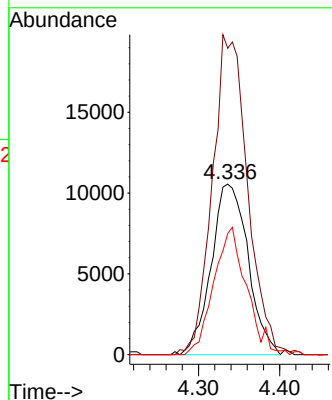
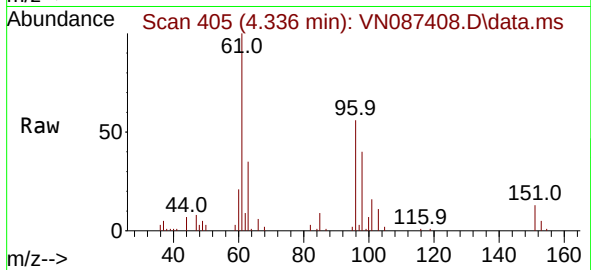




#10
1,1-Dichloroethene
Concen: 19.802 ug/l
RT: 4.336 min Scan# 406
Delta R.T. -0.006 min
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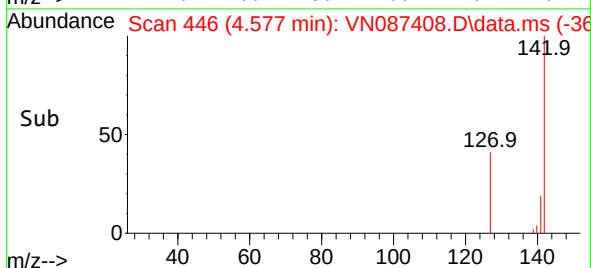
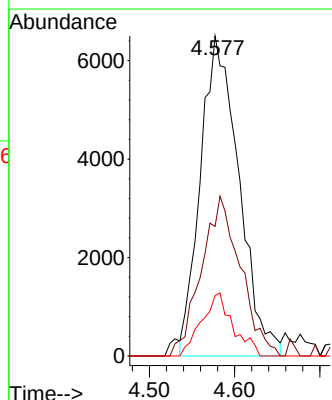
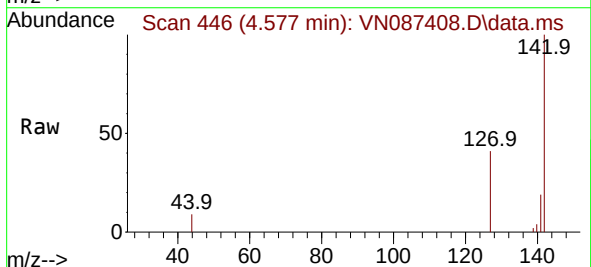
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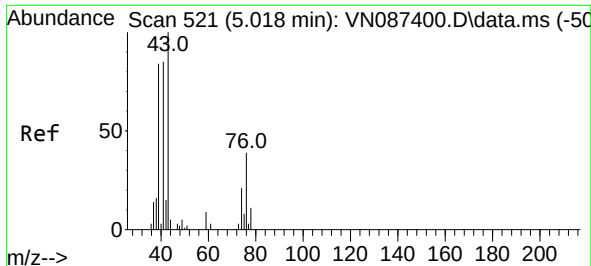
Tgt Ion: 96 Resp: 33256
Ion Ratio Lower Upper
96 100
61 176.7 131.8 197.8
98 71.0 43.0 64.4#



#11
Methyl Iodide
Concen: 16.669 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

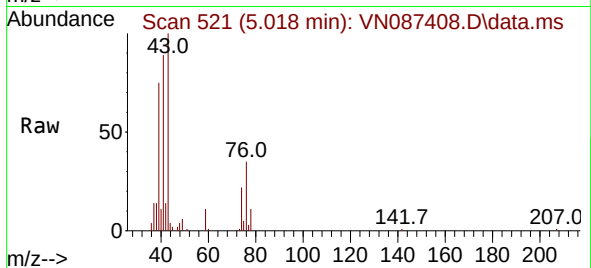
Tgt Ion:142 Resp: 20421
Ion Ratio Lower Upper
142 100
127 39.8 27.7 83.0
141 19.7 7.2 21.6



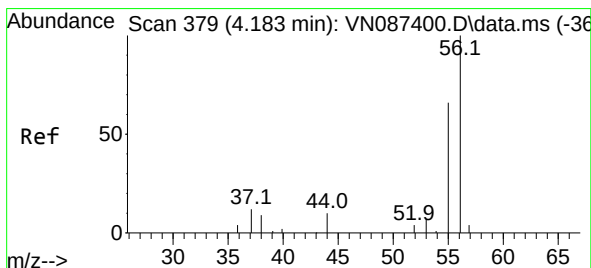
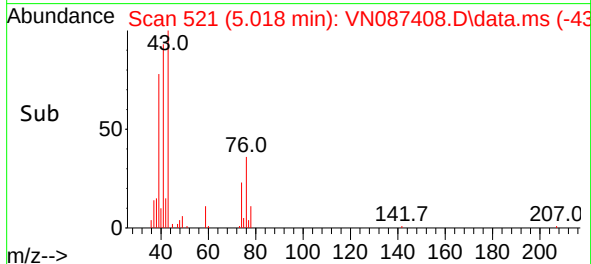
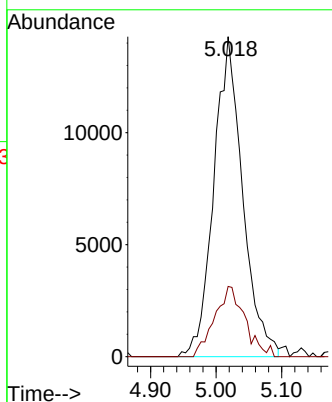


#12
Methyl Acetate
Concen: 19.979 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :

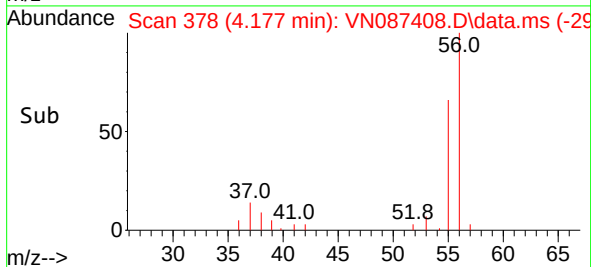
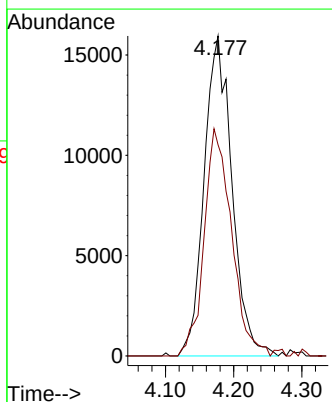
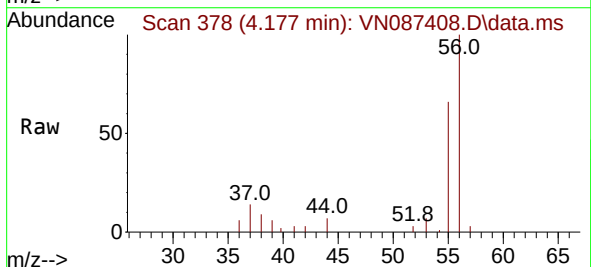


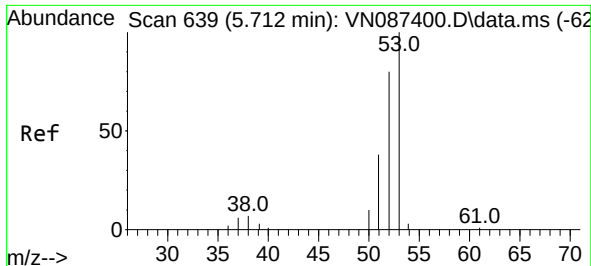
Tgt Ion: 43 Resp: 43643
Ion Ratio Lower Upper
43 100
74 22.2 16.9 25.3



#13
Acrolein
Concen: 114.311 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 56 Resp: 45396
Ion Ratio Lower Upper
56 100
55 69.9 56.8 85.2

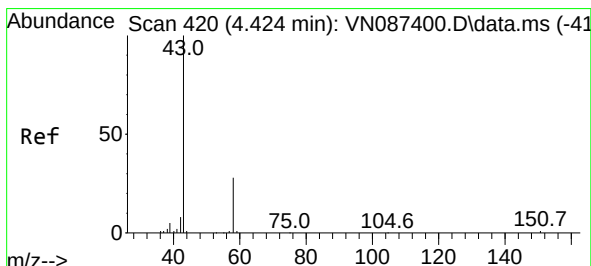
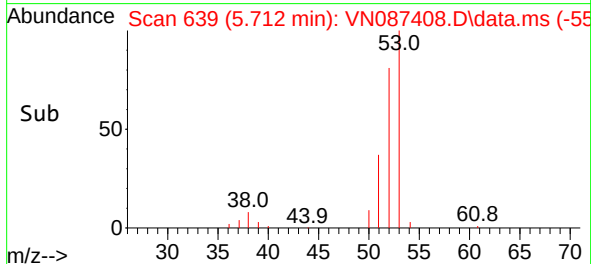
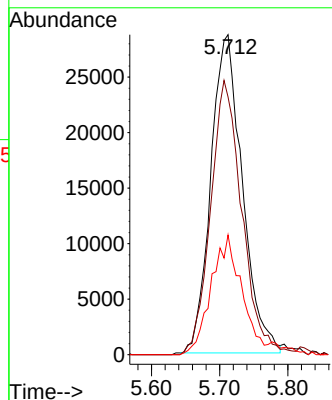
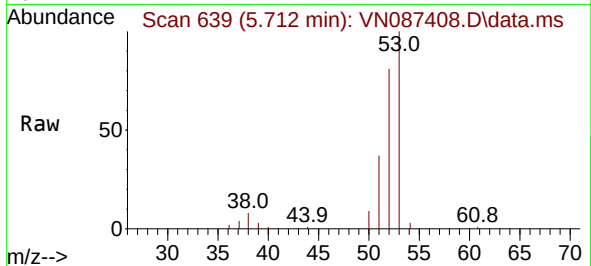




#14
Acrylonitrile
Concen: 92.346 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

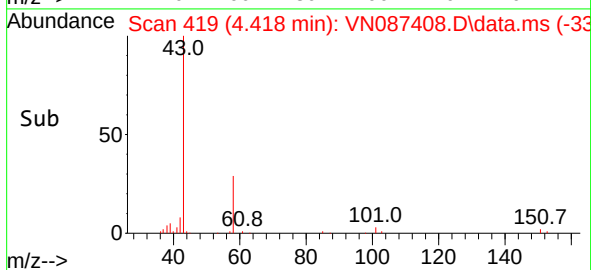
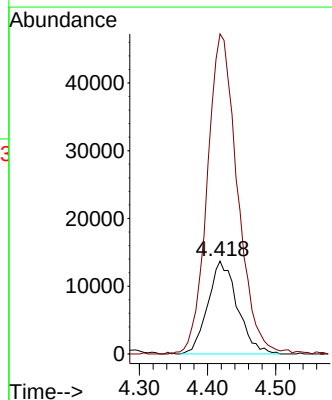
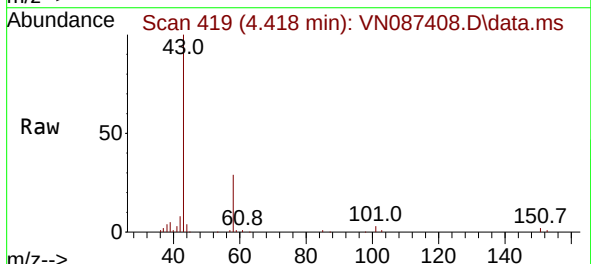
Instrument :
MSVOA_N
ClientSampleId :

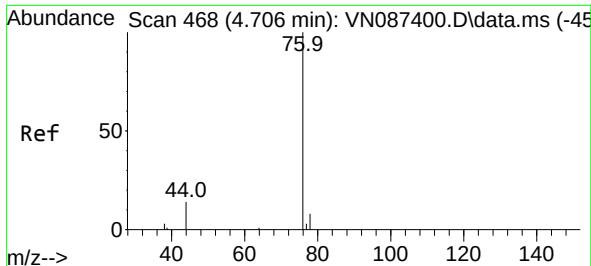
Tgt Ion: 53 Resp: 92123
Ion Ratio Lower Upper
53 100
52 85.7 41.5 124.6
51 36.4 19.4 58.4



#15
Acetone
Concen: 117.155 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 58 Resp: 41262
Ion Ratio Lower Upper
58 100
43 342.8 283.4 425.0

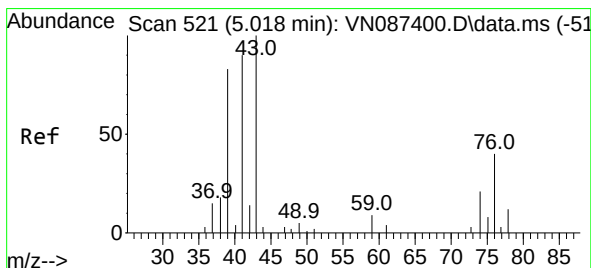
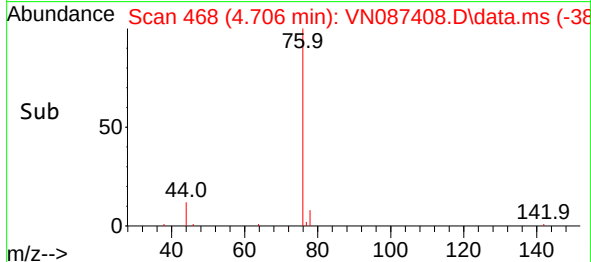
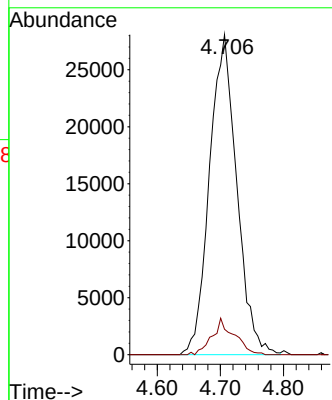
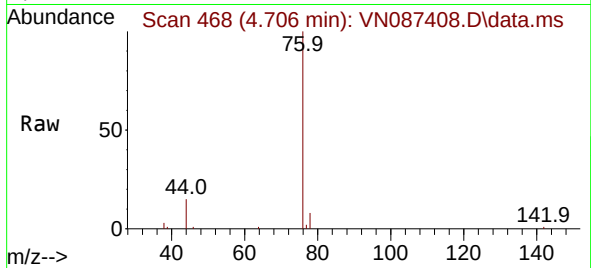




#16
Carbon Disulfide
Concen: 19.442 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

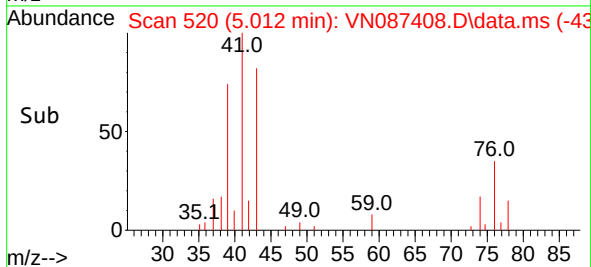
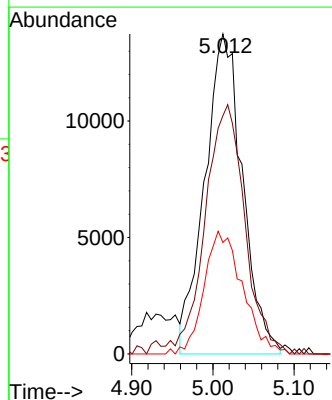
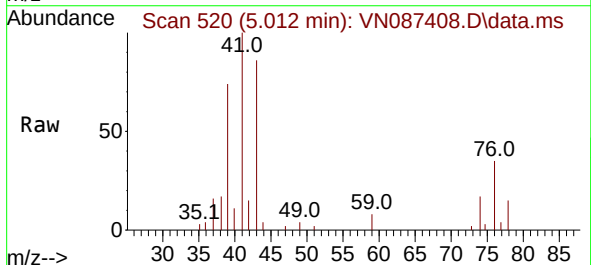
Instrument :
MSVOA_N
ClientSampleId :

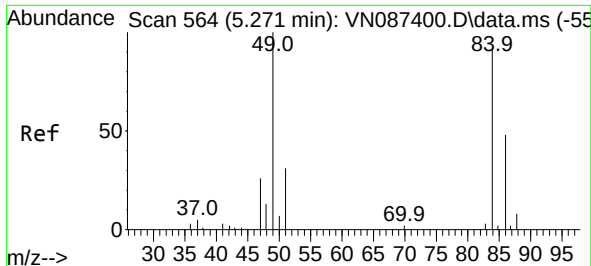
Tgt Ion: 76 Resp: 84325
Ion Ratio Lower Upper
76 100
78 8.0 6.6 10.0



#17
Allyl chloride
Concen: 19.321 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

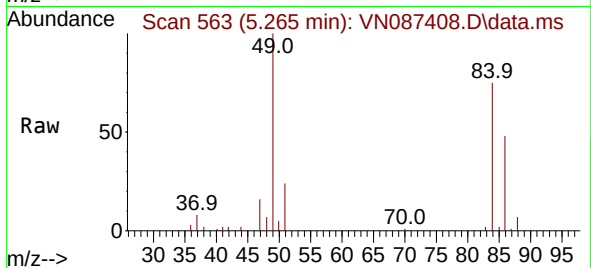
Tgt Ion: 41 Resp: 44450
Ion Ratio Lower Upper
41 100
39 72.7 42.9 128.7
76 34.2 19.8 59.4





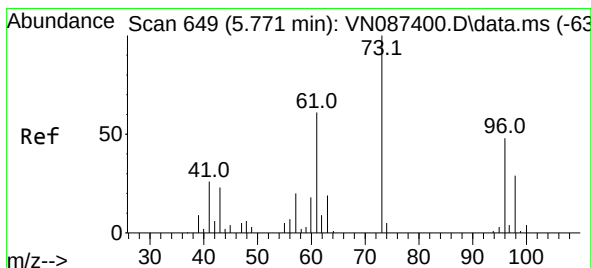
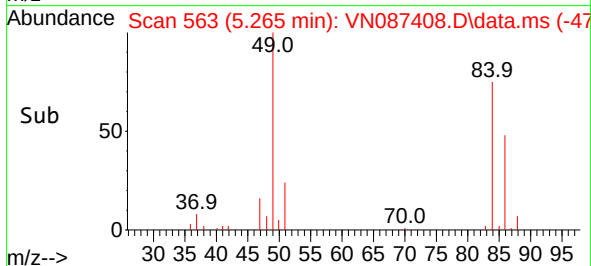
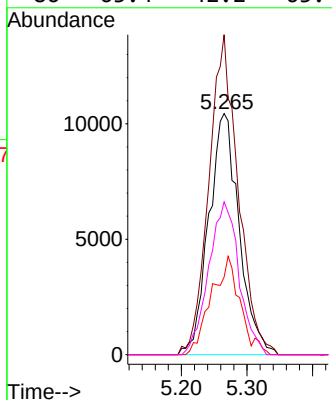
#18
Methylene Chloride
Concen: 19.735 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 33544

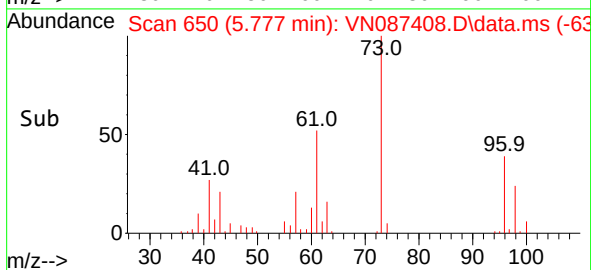
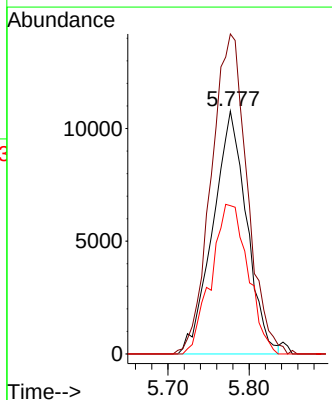
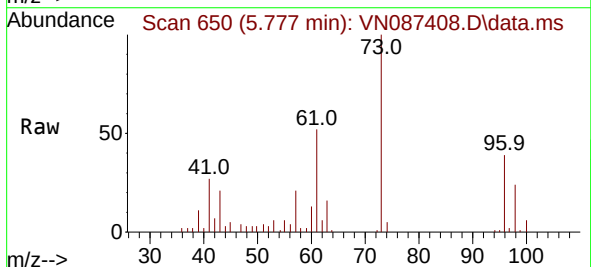
Ion	Ratio	Lower	Upper
84	100		
49	132.8	88.4	132.6#
51	32.2	27.3	40.9
86	63.4	42.2	63.4#

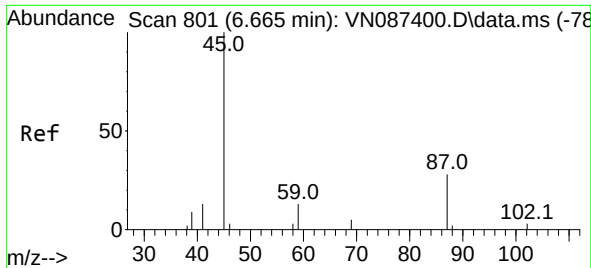


#19
trans-1,2-Dichloroethene
Concen: 18.900 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 96 Resp: 31172

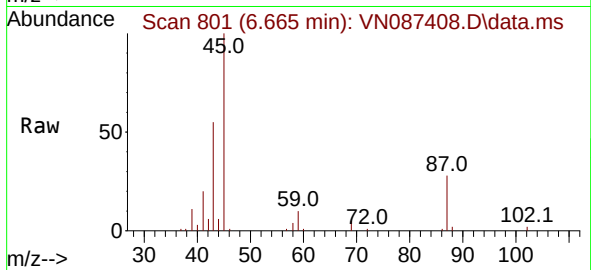
Ion	Ratio	Lower	Upper
96	100		
61	130.2	101.7	152.5
98	61.1	48.2	72.4



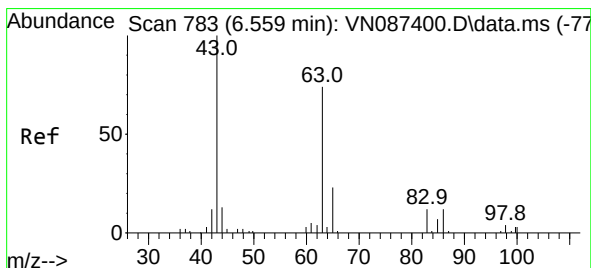
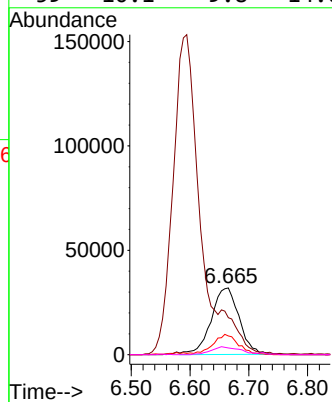
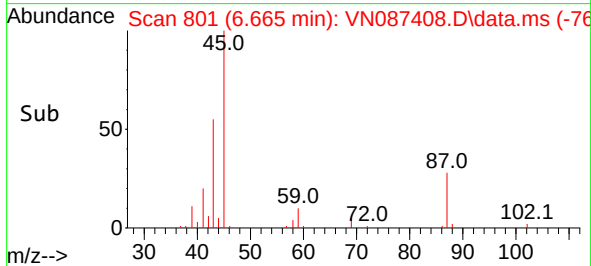


#20
Diisopropyl ether
Concen: 18.043 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

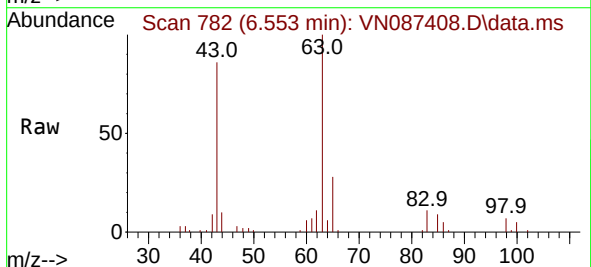
Instrument :
MSVOA_N
ClientSampleId :



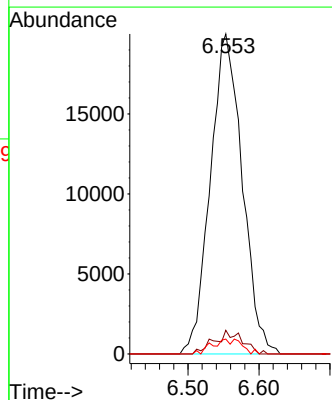
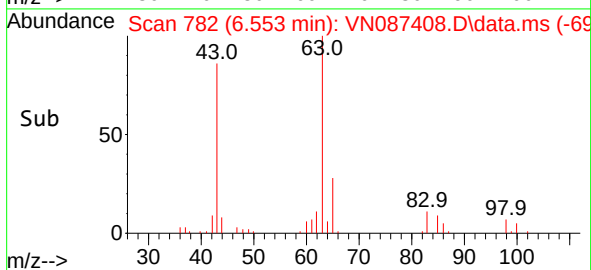
Tgt Ion:	45	Resp:	104968
Ion Ratio	Lower	Upper	
45	100		
43	53.9	46.0	69.0
87	28.3	23.4	35.2
59	10.1	9.8	14.6

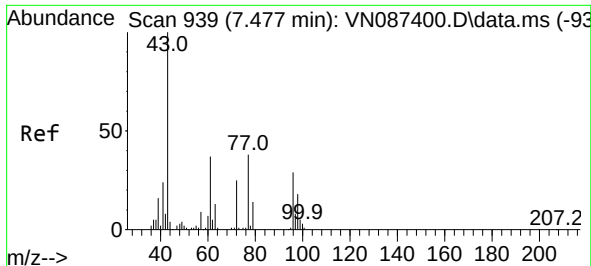


#21
1,1-Dichloroethane
Concen: 20.058 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13



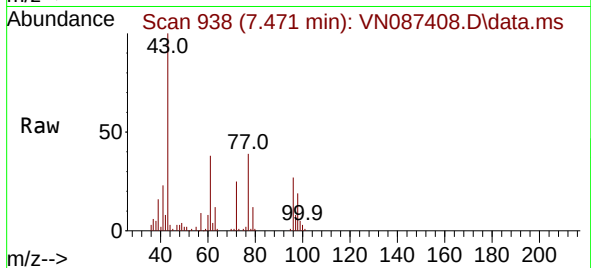
Tgt Ion:	63	Resp:	62326
Ion Ratio	Lower	Upper	
63	100		
98	7.4	2.9	8.6
100	4.7	3.6	10.8



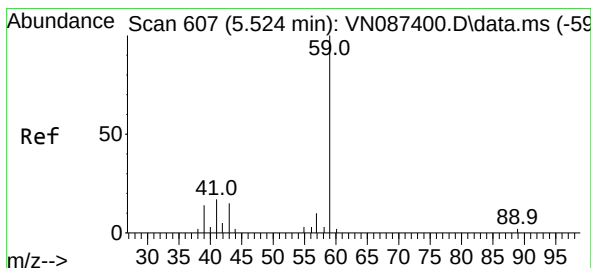
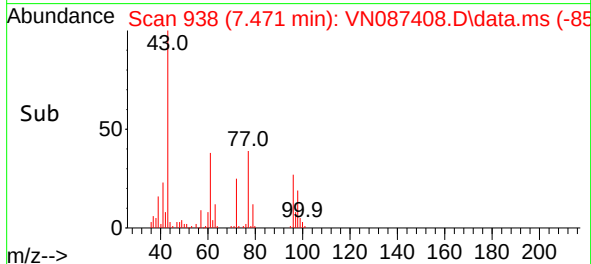
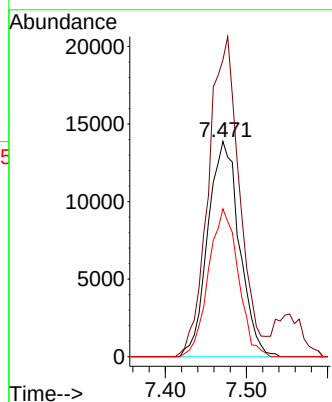


#22
 cis-1,2-Dichloroethene
 Concen: 19.413 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :

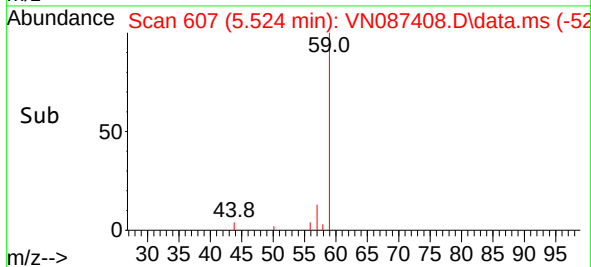
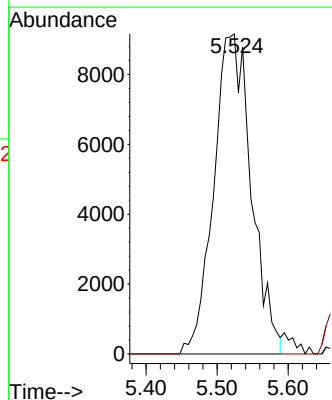
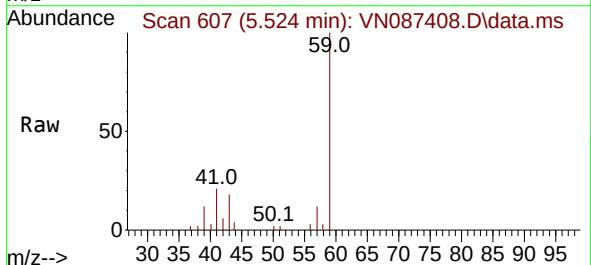


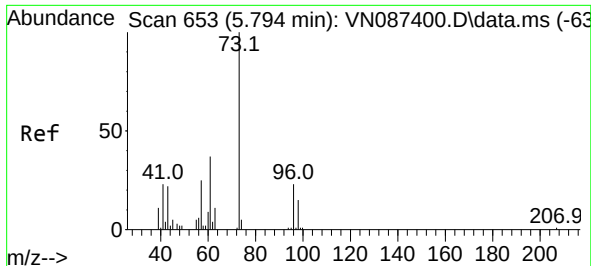
Tgt Ion: 96 Resp: 37504
 Ion Ratio Lower Upper
 96 100
 61 146.4 120.4 180.6
 98 64.6 54.0 81.0



#23
 tert-Butyl Alcohol
 Concen: 98.556 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 59 Resp: 33696
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

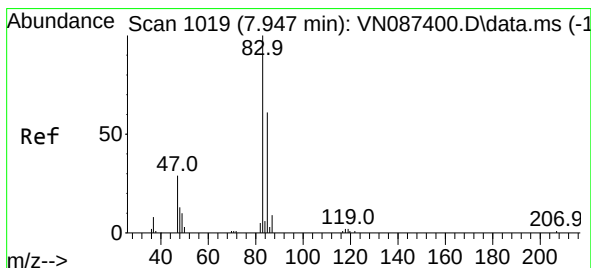
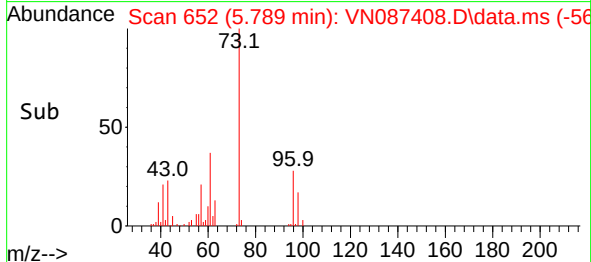
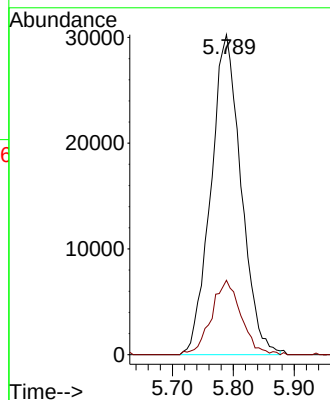
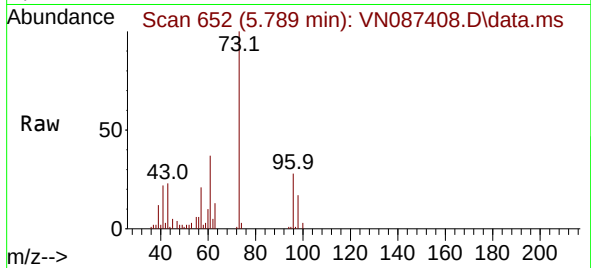




#24
Methyl tert-Butyl Ether
Concen: 19.234 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

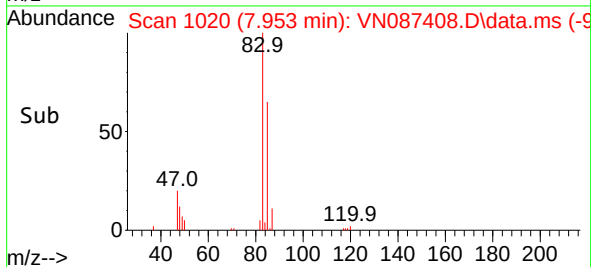
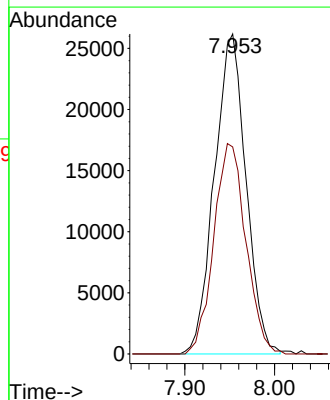
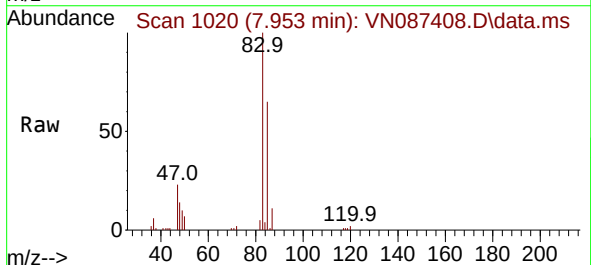
Instrument :
MSVOA_N
ClientSampleId :

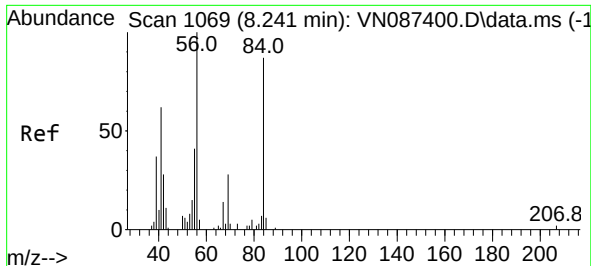
Tgt Ion: 73 Resp: 104386
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5



#25
Chloroform
Concen: 18.797 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

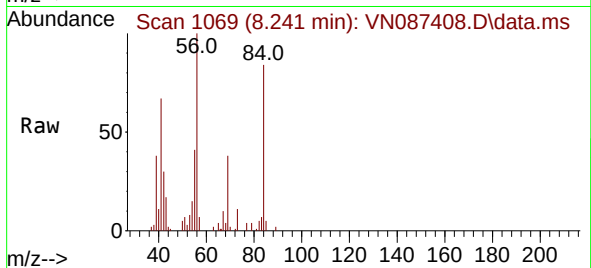
Tgt Ion: 83 Resp: 63970
Ion Ratio Lower Upper
83 100
85 64.7 48.6 73.0



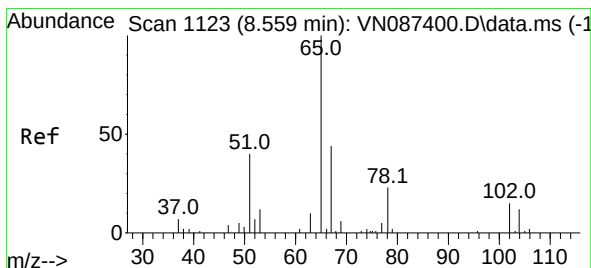
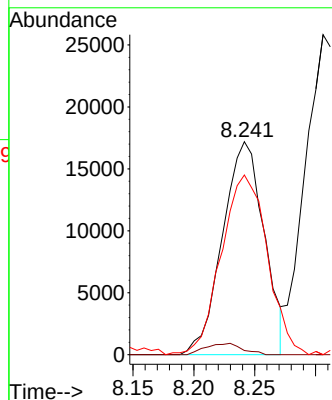
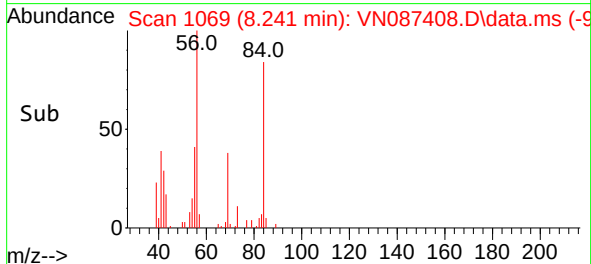


#26
Cyclohexane
Concen: 17.613 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :

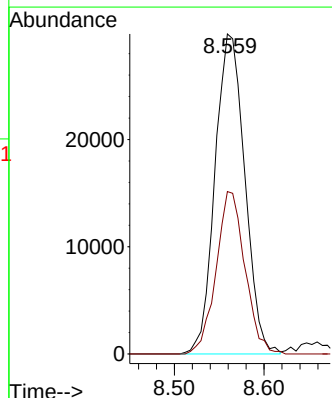
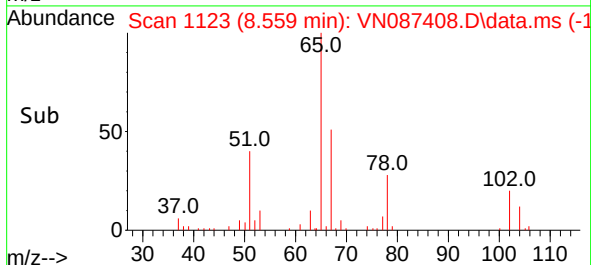
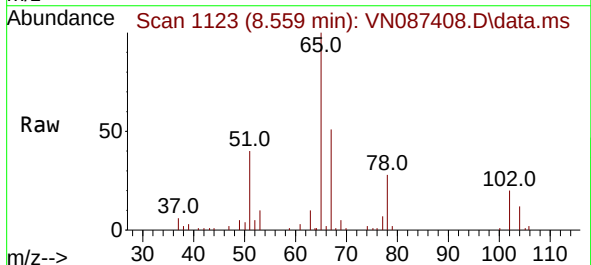


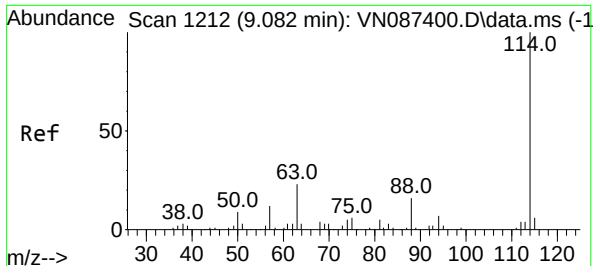
Tgt Ion: 56 Resp: 40800
Ion Ratio Lower Upper
56 100
89 4.7 1.5 2.3#
84 93.4 71.2 106.8



#27
1,2-Dichloroethane-d4
Concen: 31.115 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 65 Resp: 68763
Ion Ratio Lower Upper
65 100
67 49.0 40.2 60.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

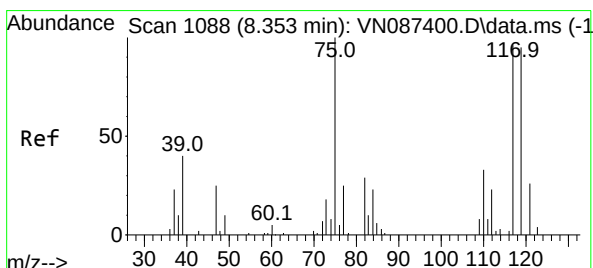
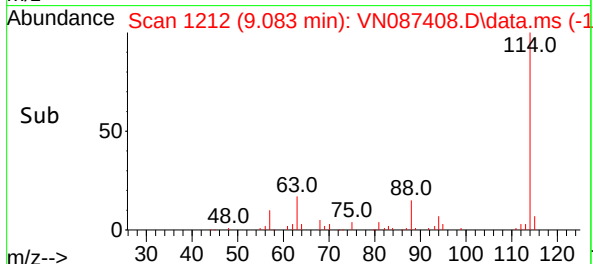
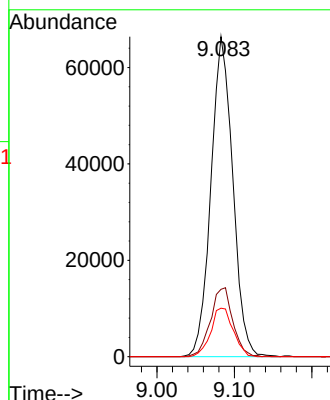
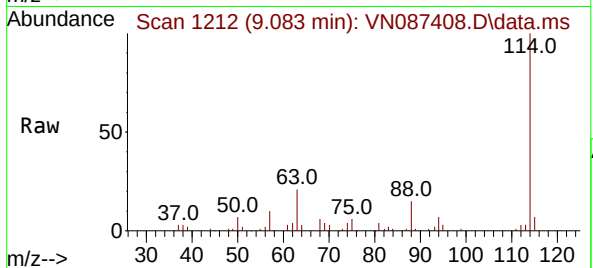
Tgt Ion:114 Resp: 129996

Ion Ratio Lower Upper

114 100

63 22.0 16.8 25.2

88 15.6 12.5 18.7



#29

1,1-Dichloropropene

Concen: 17.946 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

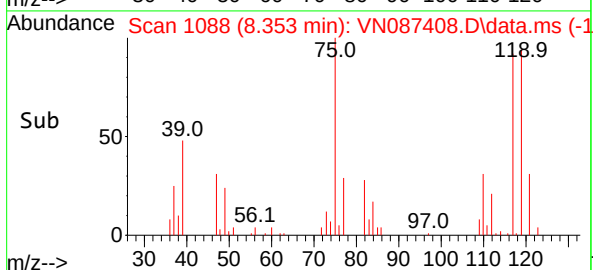
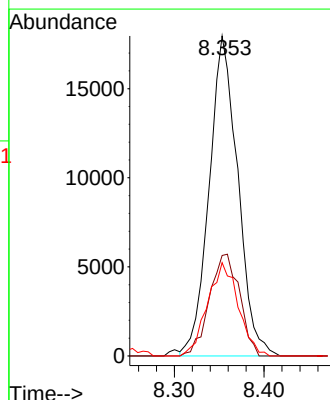
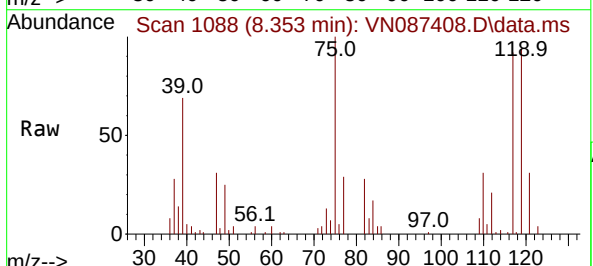
Tgt Ion: 75 Resp: 39802

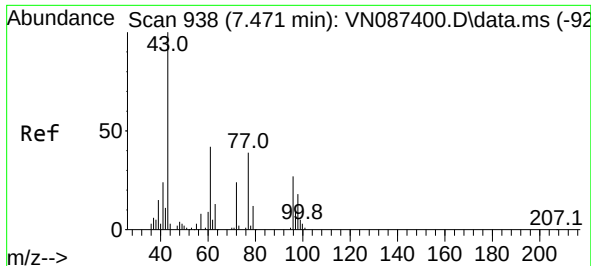
Ion Ratio Lower Upper

75 100

110 33.4 0.0 66.4

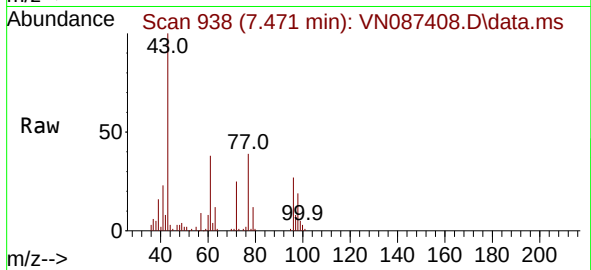
77 31.2 0.0 61.6



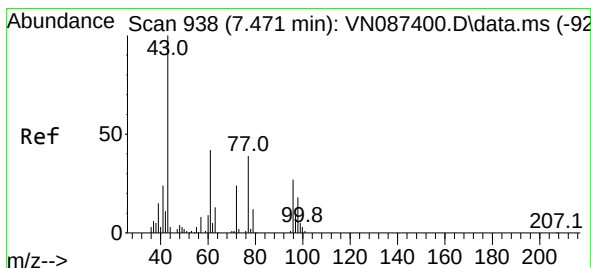
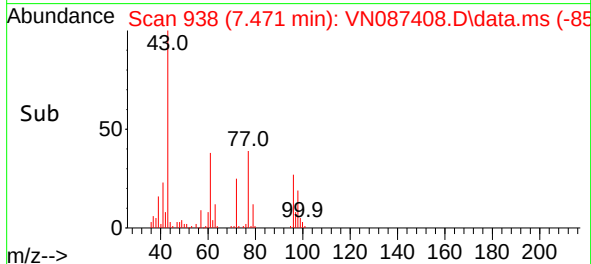
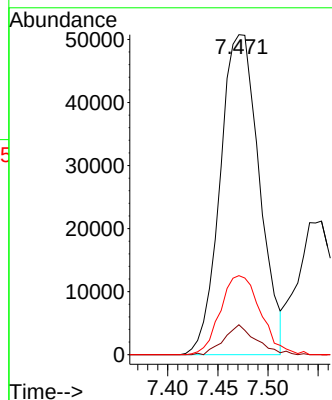


#30
2-Butanone
Concen: 91.513 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :

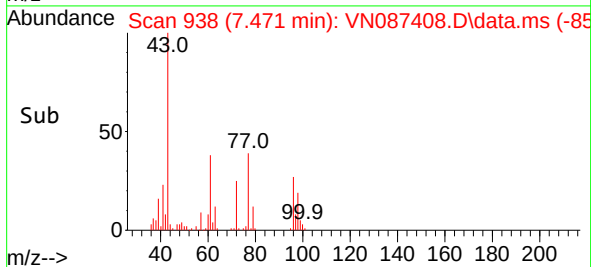
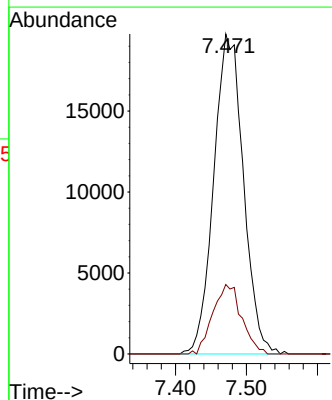
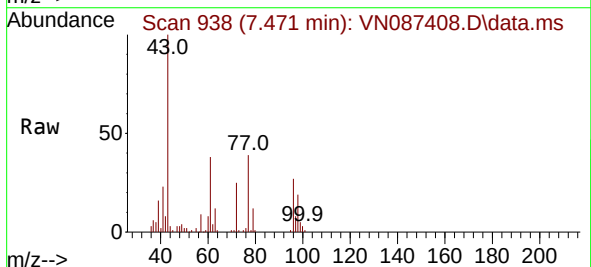


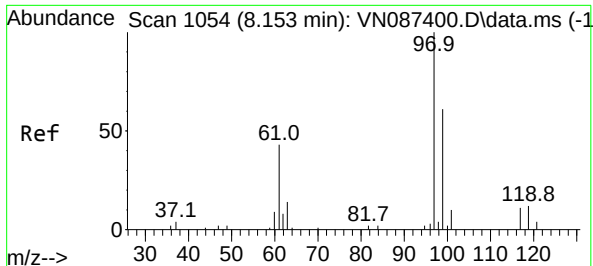
Tgt Ion: 43 Resp: 138226
Ion Ratio Lower Upper
43 100
57 7.6 6.6 9.8
72 25.1 20.6 30.8



#31
2,2-Dichloropropane
Concen: 19.621 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 77 Resp: 57150
Ion Ratio Lower Upper
77 100
97 21.0 17.1 25.7





#32

1,1,1-Trichloroethane

Concen: 19.359 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

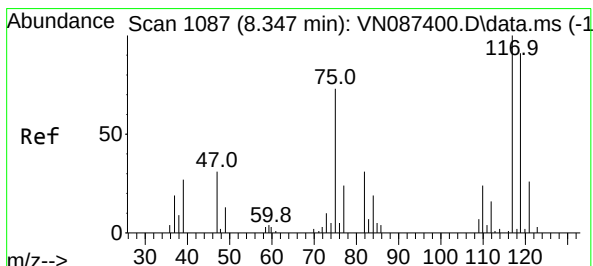
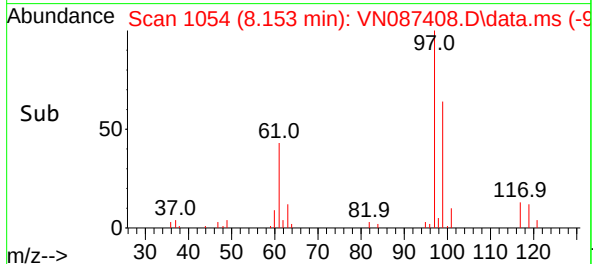
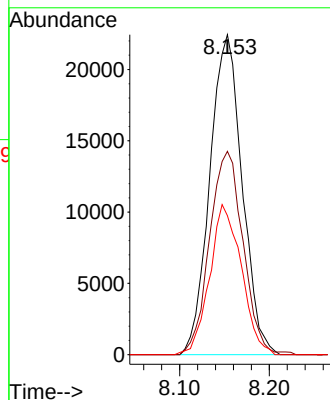
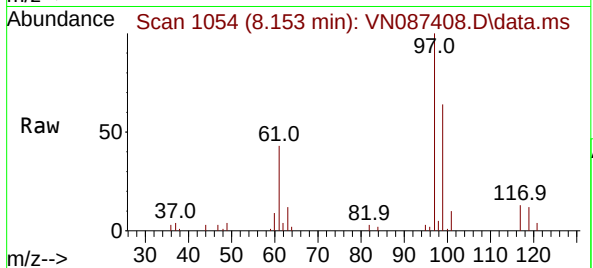
Tgt Ion: 97 Resp: 56193

Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.6

61 46.0 36.1 54.1



#33

Carbon Tetrachloride

Concen: 18.466 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

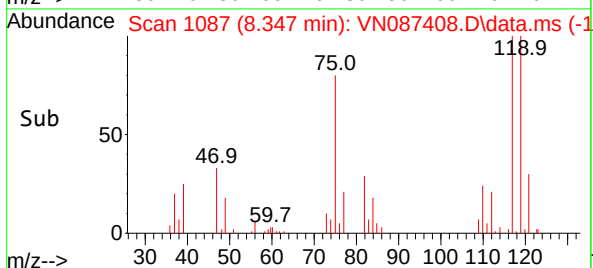
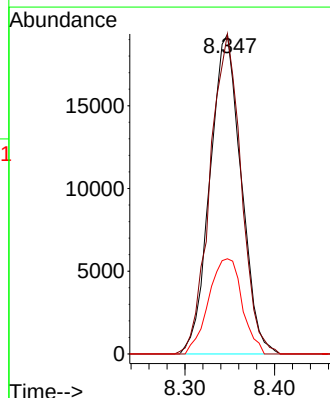
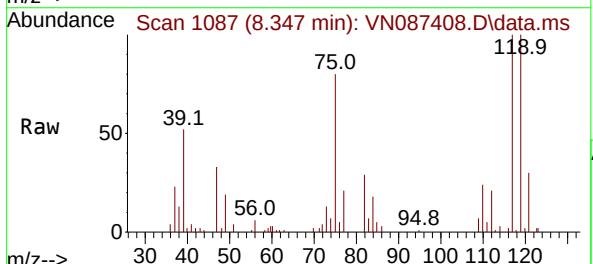
Tgt Ion: 117 Resp: 46566

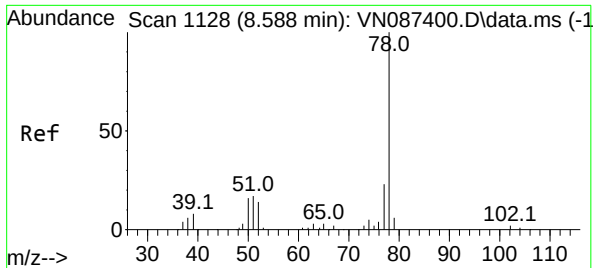
Ion Ratio Lower Upper

117 100

119 100.1 72.7 109.1

121 29.8 21.1 31.7

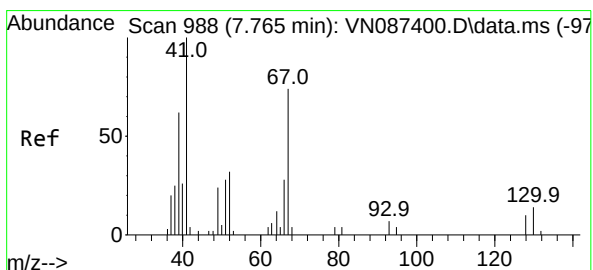
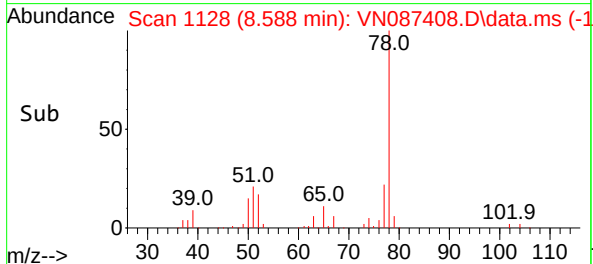
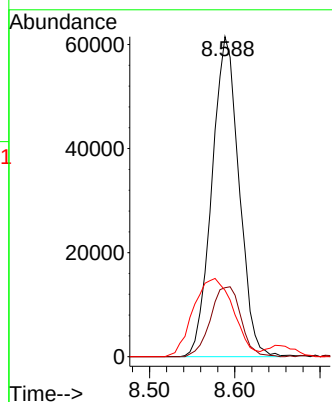
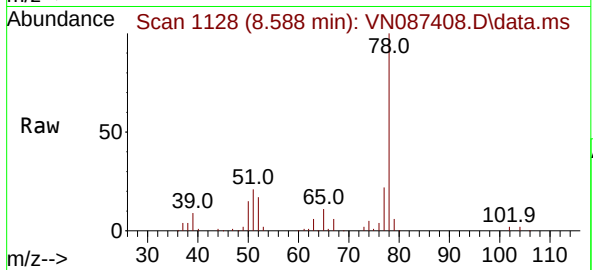




#34
Benzene
Concen: 18.972 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

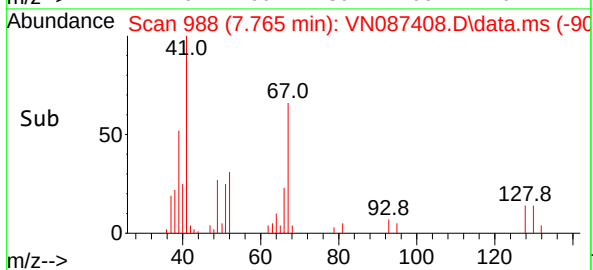
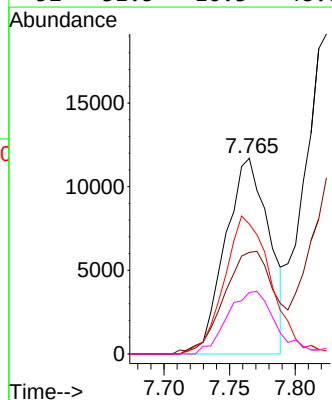
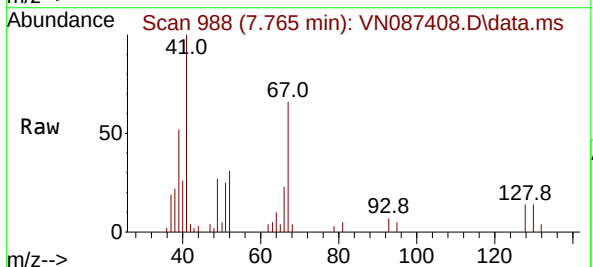
Instrument :
MSVOA_N
ClientSampleId :

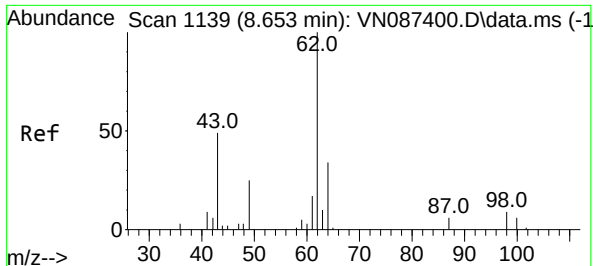
Tgt Ion: 78 Resp: 135901
Ion Ratio Lower Upper
78 100
77 21.5 18.2 27.2
51 17.3 13.8 20.8



#35
Methacrylonitrile
Concen: 17.202 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 41 Resp: 27324
Ion Ratio Lower Upper
41 100
39 49.8 31.0 93.0
67 66.4 36.8 110.3
52 31.5 16.3 48.8





#36

1,2-Dichloroethane

Concen: 19.274 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

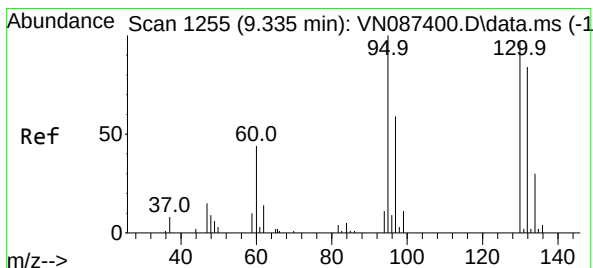
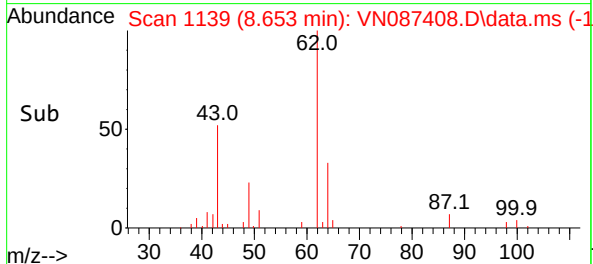
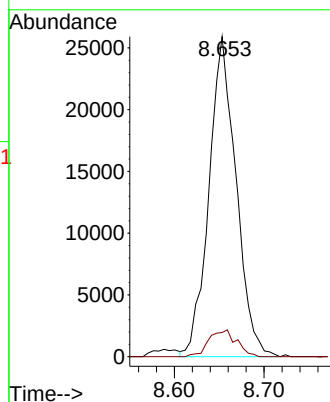
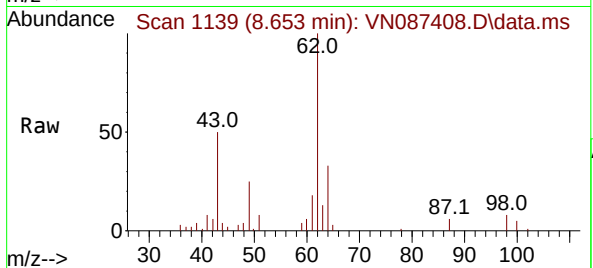
ClientSampleId :

Tgt Ion: 62 Resp: 54466

Ion Ratio Lower Upper

62 100

98 8.3 6.6 9.8



#37

Trichloroethene

Concen: 18.947 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087408.D

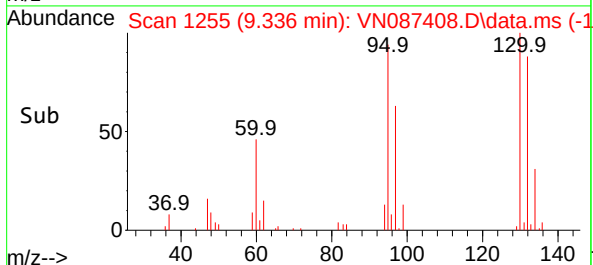
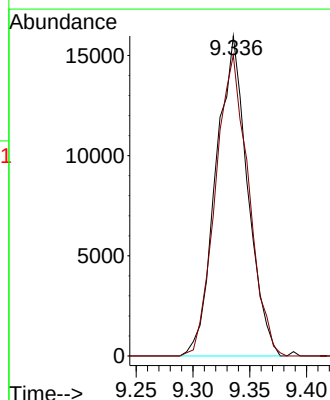
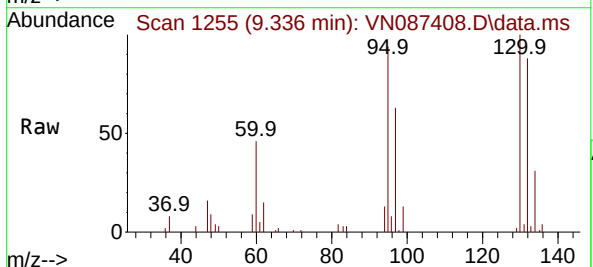
Acq: 24 Jul 2025 09:13

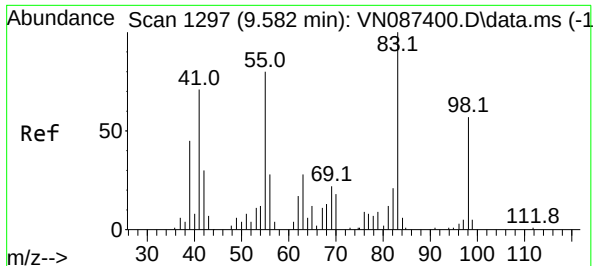
Tgt Ion:130 Resp: 30972

Ion Ratio Lower Upper

130 100

95 94.0 82.4 123.6





#38

Methylcyclohexane

Concen: 17.717 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

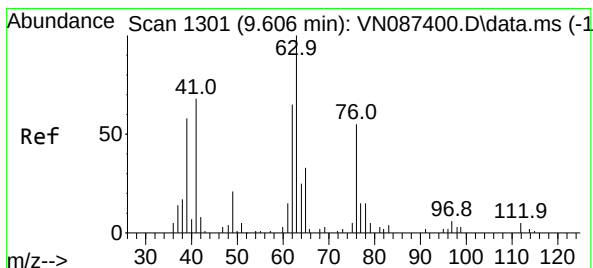
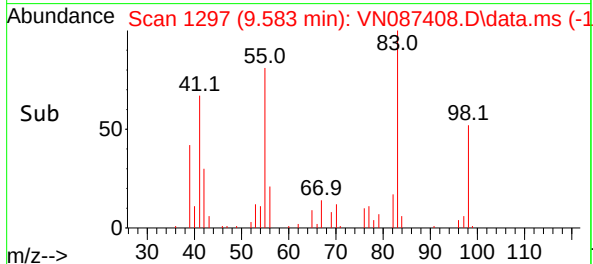
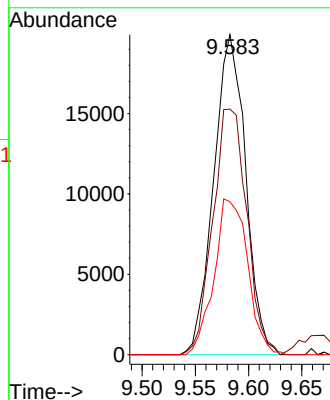
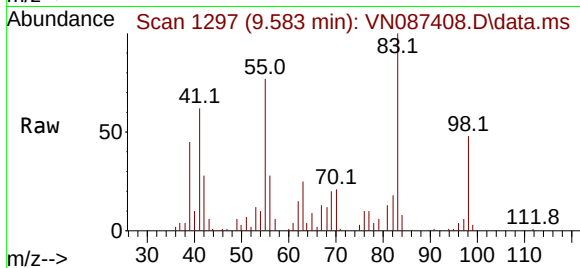
Tgt Ion: 83 Resp: 41538

Ion Ratio Lower Upper

83 100

55 81.4 40.9 122.8

98 51.1 25.6 76.6



#39

1,2-Dichloropropane

Concen: 18.532 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087408.D

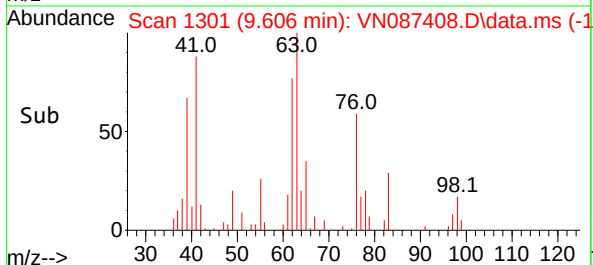
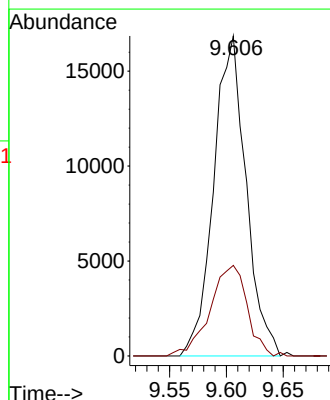
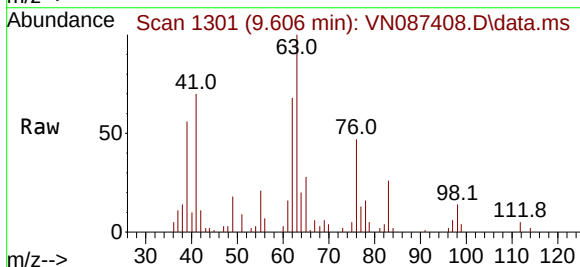
Acq: 24 Jul 2025 09:13

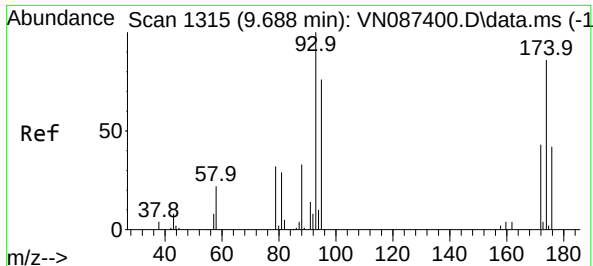
Tgt Ion: 63 Resp: 33349

Ion Ratio Lower Upper

63 100

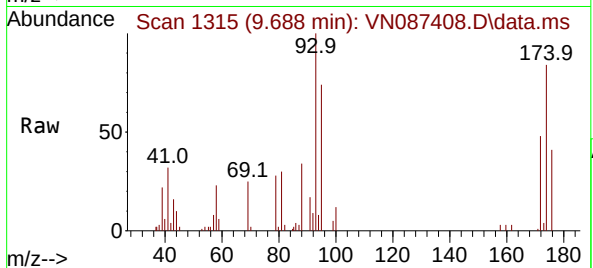
65 27.2 26.1 39.1



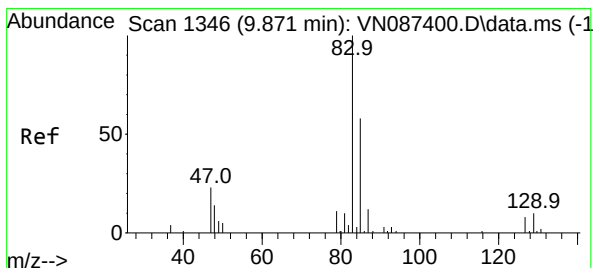
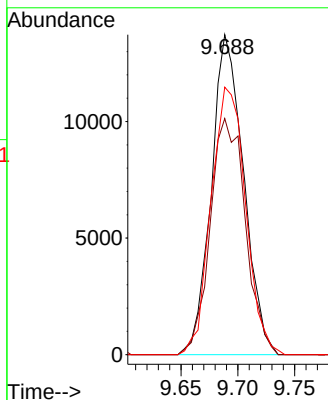
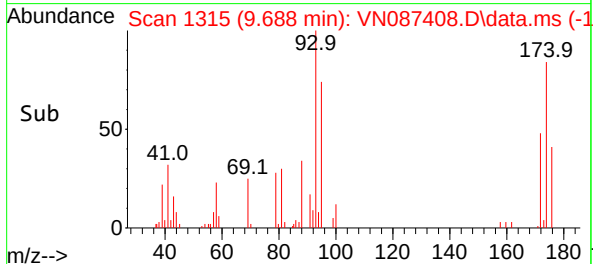


#40
Dibromomethane
Concen: 19.499 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

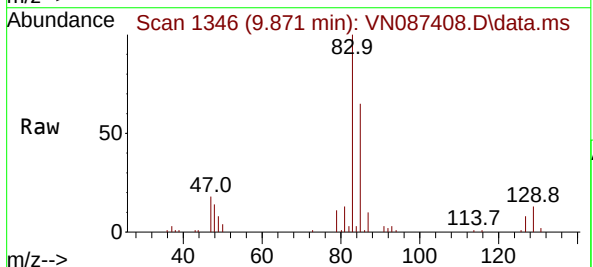
Instrument :
MSVOA_N
ClientSampleId :



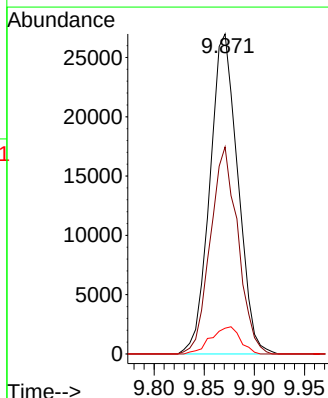
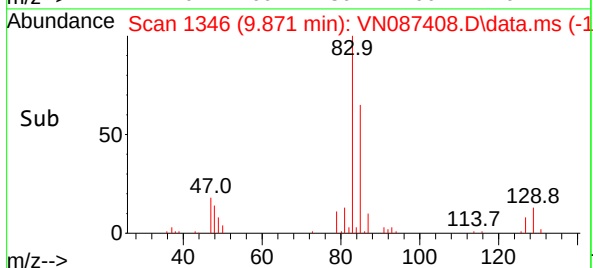
Tgt Ion: 93 Resp: 27148
Ion Ratio Lower Upper
93 100
95 80.3 0.0 161.8
174 89.4 0.0 177.6

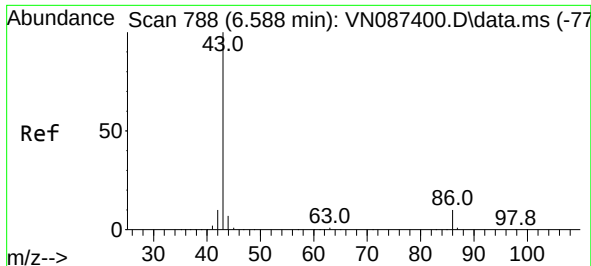


#41
Bromodichloromethane
Concen: 18.920 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13



Tgt Ion: 83 Resp: 52302
Ion Ratio Lower Upper
83 100
85 64.7 46.2 69.2
127 8.0 6.1 9.1

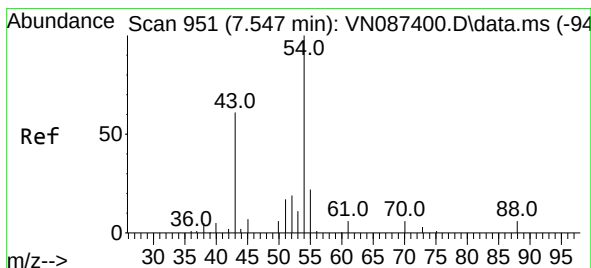
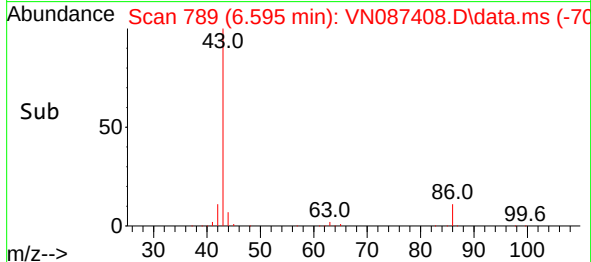
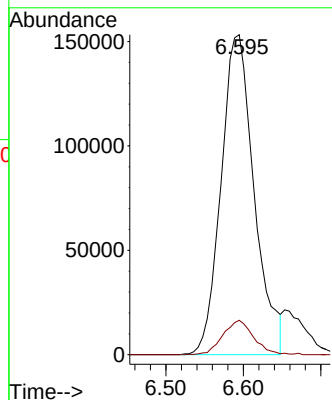
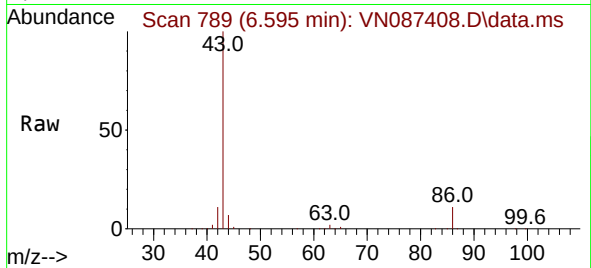




#42
 Vinyl Acetate
 Concen: 89.150 ug/l
 RT: 6.595 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

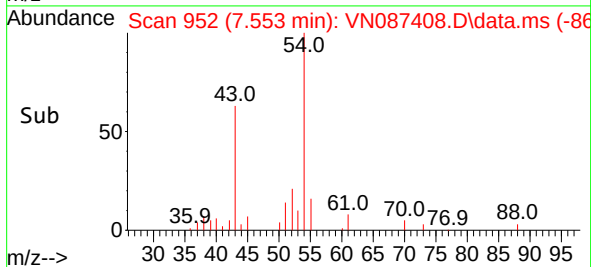
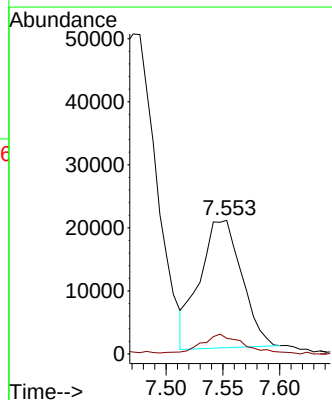
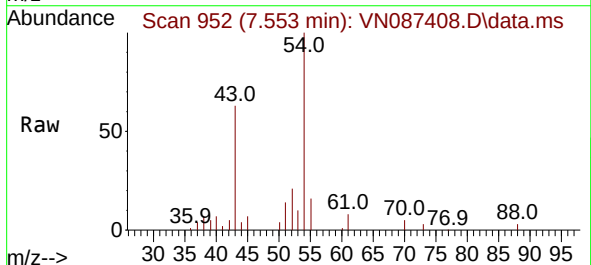
Instrument :
 MSVOA_N
 ClientSampleId :

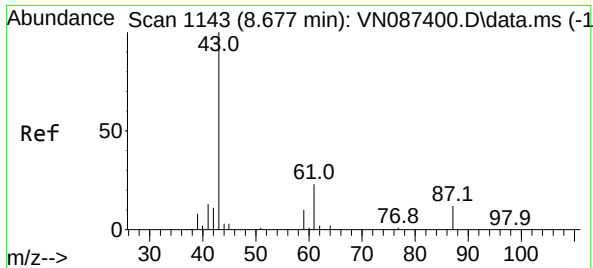
Tgt Ion: 43 Resp: 456154
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#43
 Ethyl Acetate
 Concen: 17.033 ug/l
 RT: 7.553 min Scan# 952
 Delta R.T. 0.006 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Tgt Ion: 43 Resp: 52375
 Ion Ratio Lower Upper
 43 100
 45 15.6 5.6 8.4#

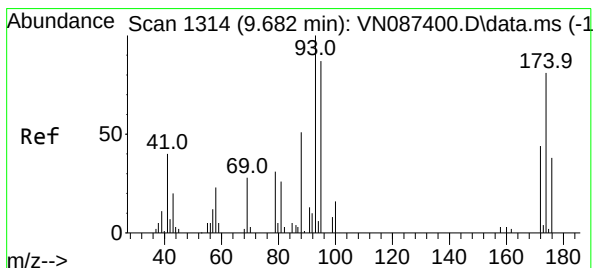
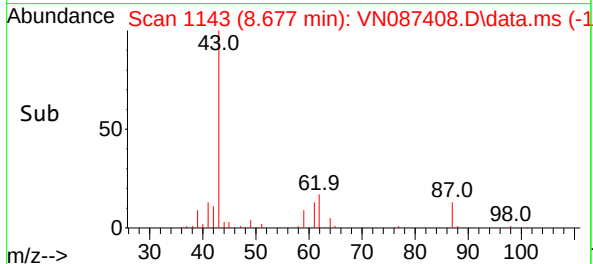
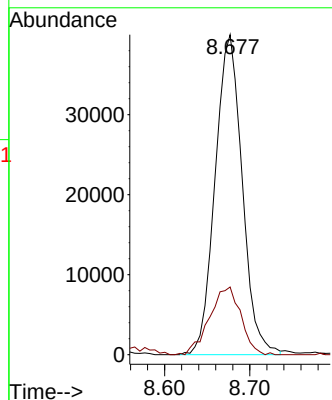
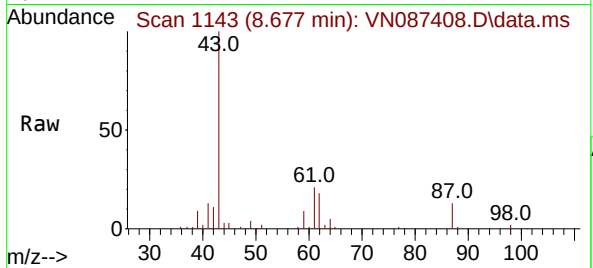




#44
Isopropyl Acetate
Concen: 18.156 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

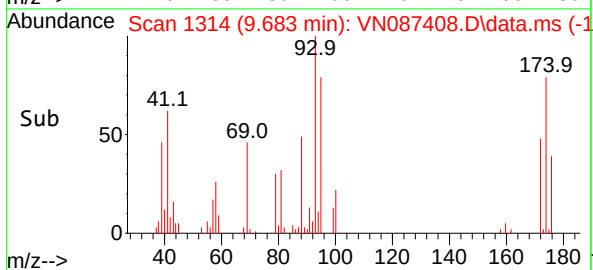
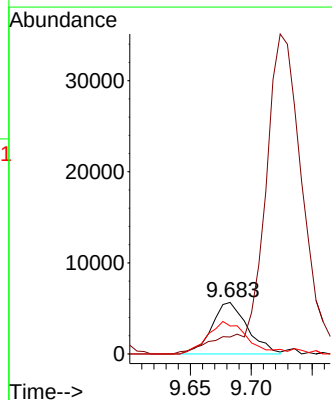
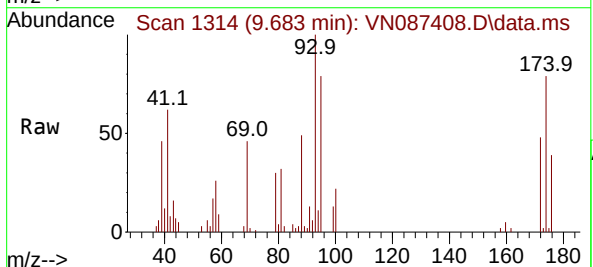
Instrument :
MSVOA_N
ClientSampleId :

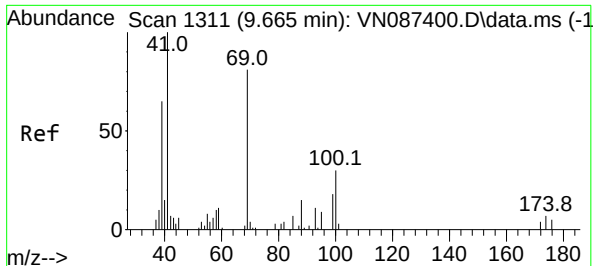
Tgt Ion: 43 Resp: 88137
Ion Ratio Lower Upper
43 100
61 24.3 20.1 30.1



#45
1,4-Dioxane
Concen: 386.743 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 88 Resp: 11567
Ion Ratio Lower Upper
88 100
43 39.3 29.6 44.4
58 67.2 23.5 35.3#

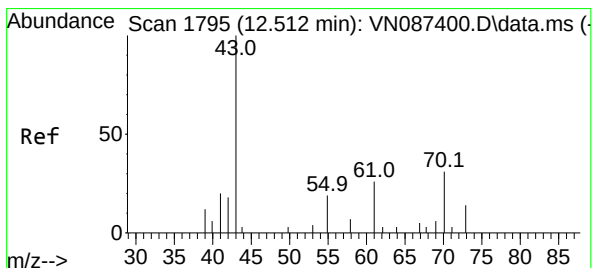
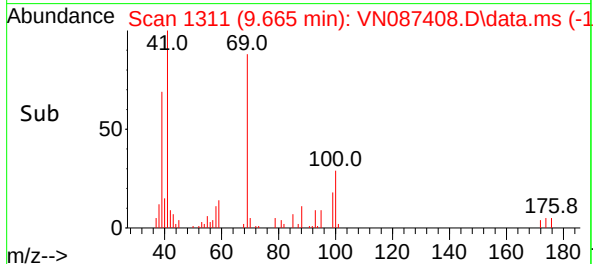
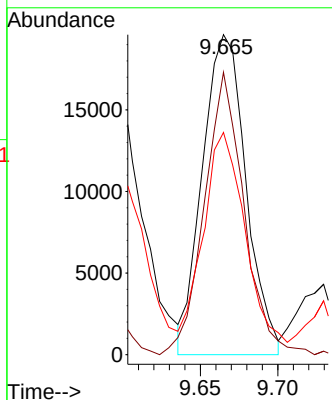
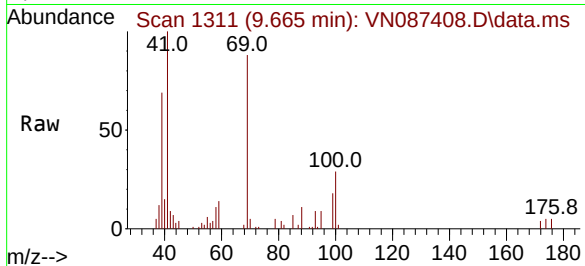




#46
Methyl methacrylate
Concen: 17.141 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

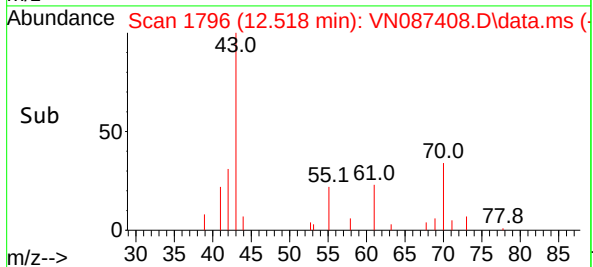
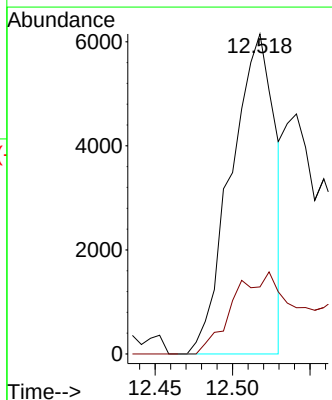
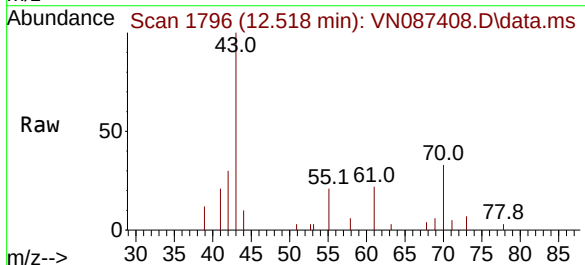
Instrument :
MSVOA_N
ClientSampleId :

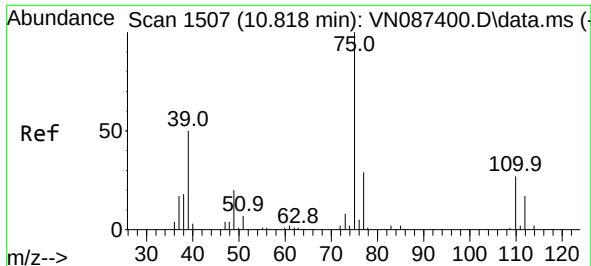
Tgt Ion: 41 Resp: 38319
Ion Ratio Lower Upper
41 100
69 87.7 39.5 118.5
39 65.4 31.6 94.7



#47
n-amy1 Acetate
Concen: 4.168 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 43 Resp: 12125
Ion Ratio Lower Upper
43 100
55 18.4 0.6 0.8#

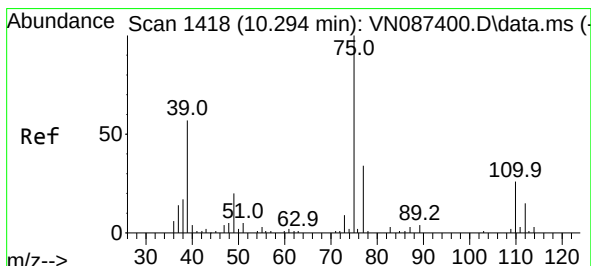
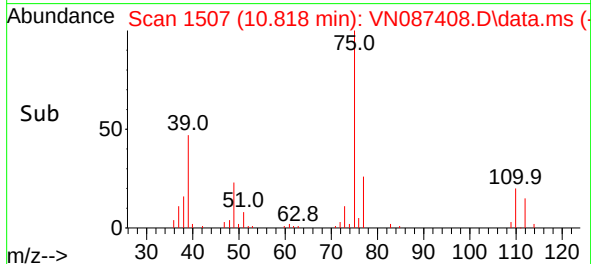
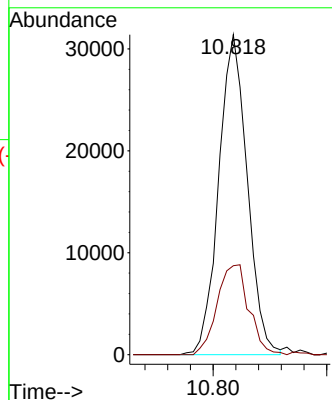
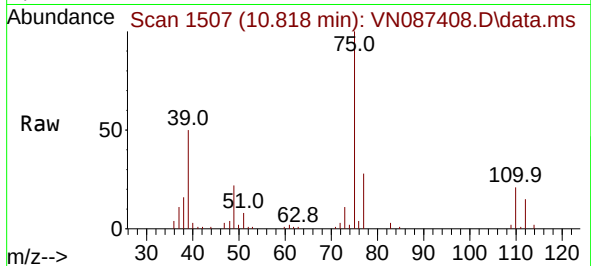




#48
 t-1,3-Dichloropropene
 Concen: 18.571 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

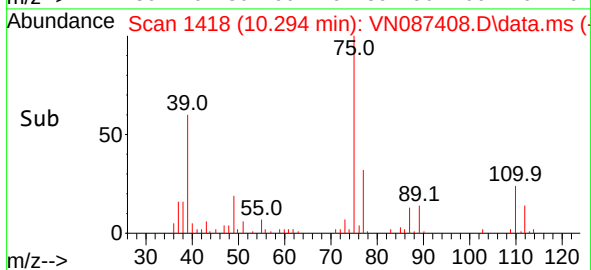
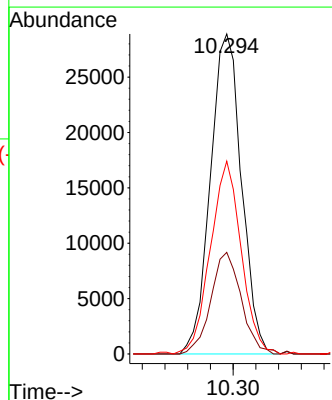
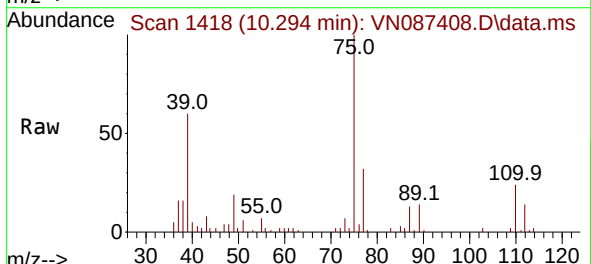
Instrument :
 MSVOA_N
 ClientSampleId :

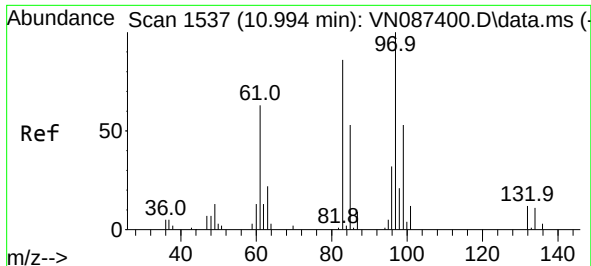
Tgt Ion: 75 Resp: 54764
 Ion Ratio Lower Upper
 75 100
 77 27.8 23.6 35.4



#49
 cis-1,3-Dichloropropene
 Concen: 18.639 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

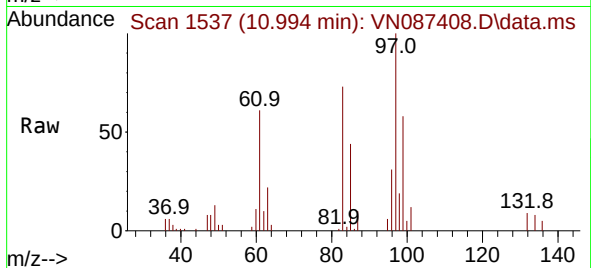
Tgt Ion: 75 Resp: 54970
 Ion Ratio Lower Upper
 75 100
 77 31.7 27.4 41.0
 39 60.2 46.3 69.5



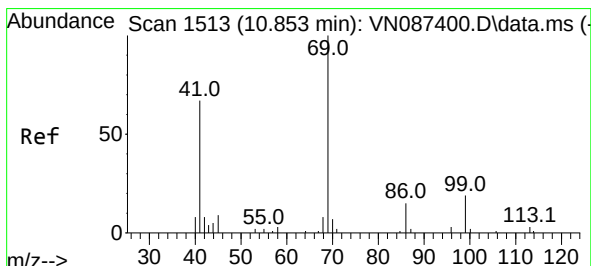
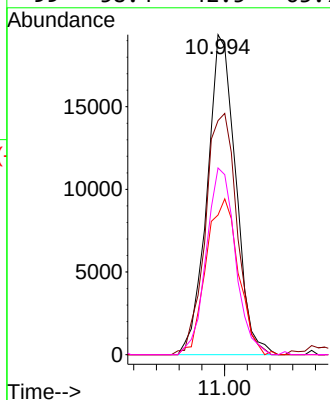
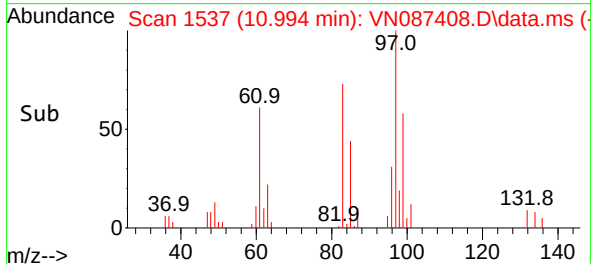


#50
1,1,2-Trichloroethane
Concen: 18.853 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :

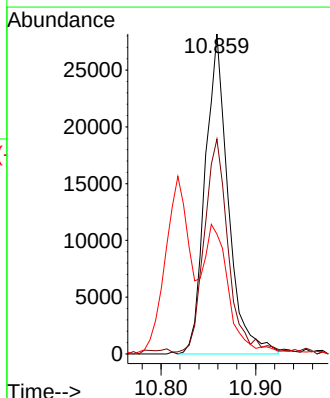
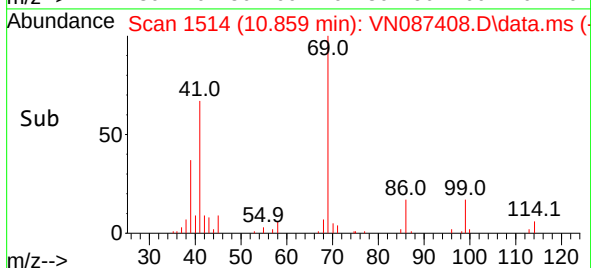
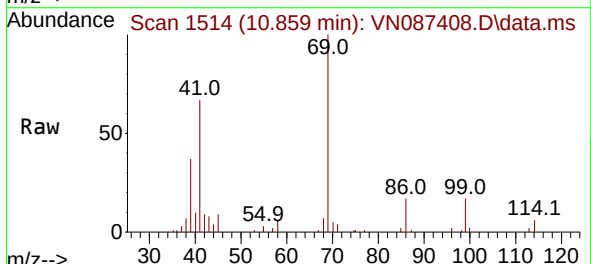


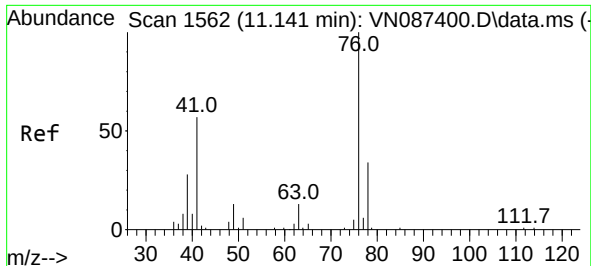
Tgt Ion:	97	Resp:	33899
Ion	Ratio	Lower	Upper
97	100		
83	73.1	68.9	103.3
85	43.6	42.2	63.2
99	58.4	42.5	63.7



#51
Ethyl methacrylate
Concen: 17.335 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion:	69	Resp:	47667
Ion	Ratio	Lower	Upper
69	100		
41	66.5	33.7	101.1
39	36.6	21.6	65.0

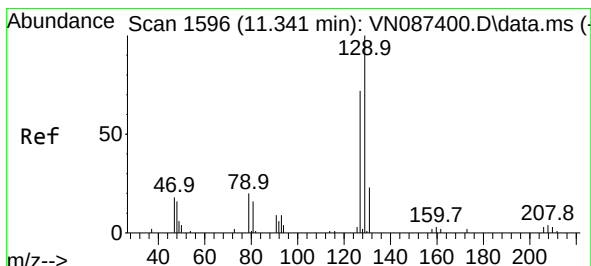
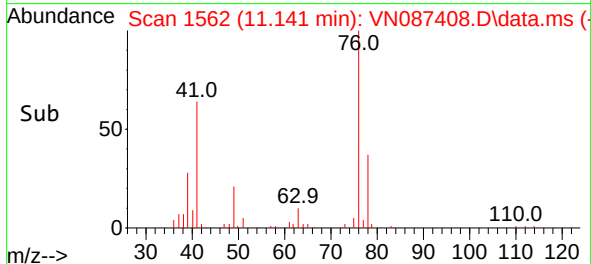
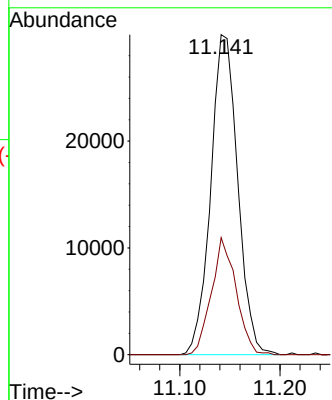
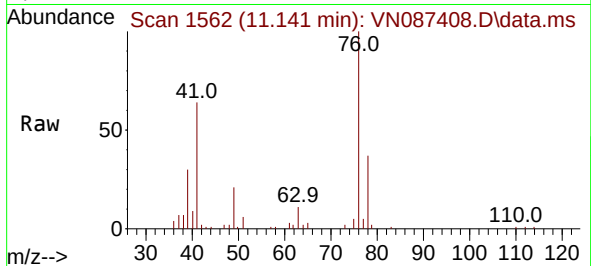




#52
1,3-Dichloropropane
Concen: 18.160 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

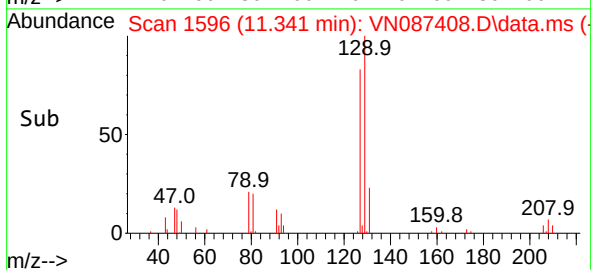
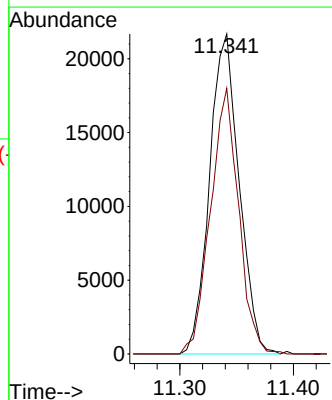
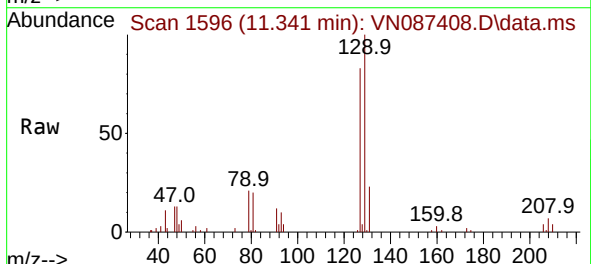
Instrument :
MSVOA_N
ClientSampleId :

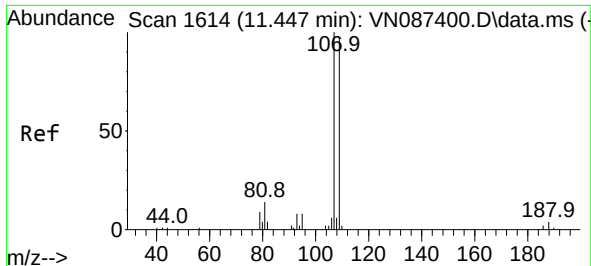
Tgt Ion: 76 Resp: 56142
Ion Ratio Lower Upper
76 100
78 33.3 0.0 67.4



#53
Dibromochloromethane
Concen: 18.613 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 129 Resp: 39226
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

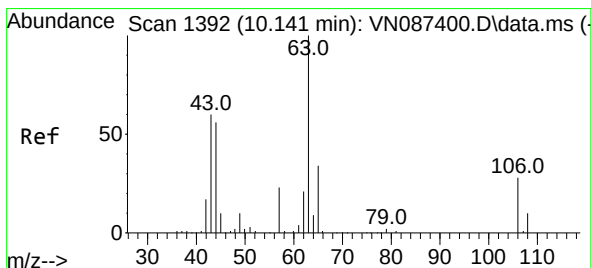
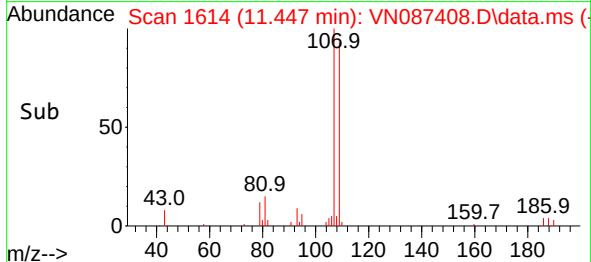
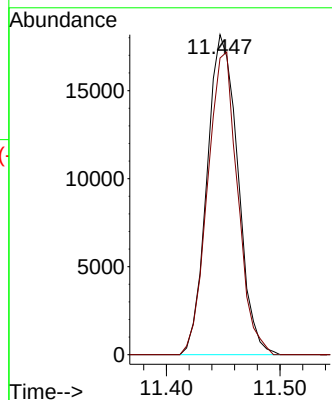
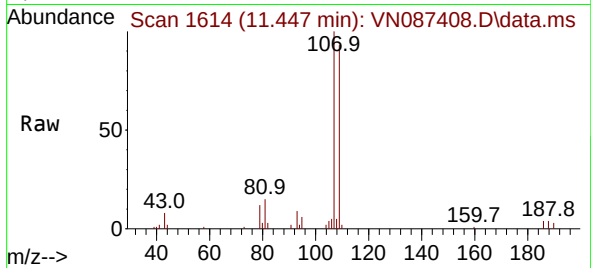




#54
1,2-Dibromoethane
Concen: 18.629 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

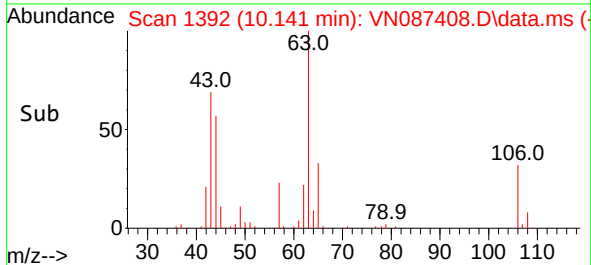
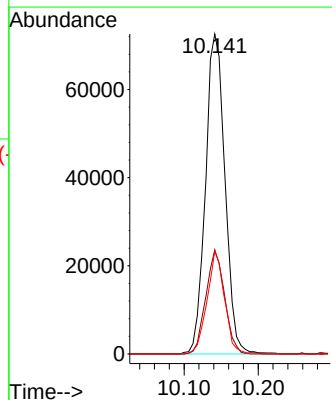
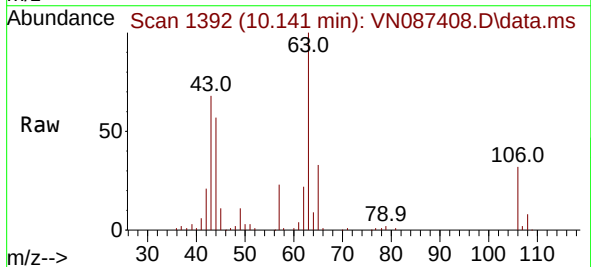
Instrument :
MSVOA_N
ClientSampleId :

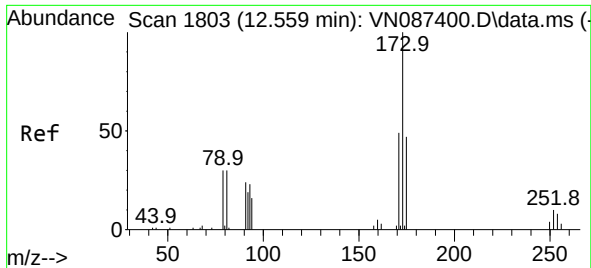
Tgt Ion:107 Resp: 34334
Ion Ratio Lower Upper
107 100
109 91.9 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 86.608 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

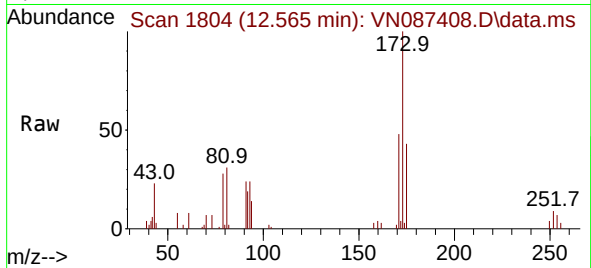
Tgt Ion: 63 Resp: 132479
Ion Ratio Lower Upper
63 100
65 31.3 25.8 38.8
106 28.8 23.0 34.4



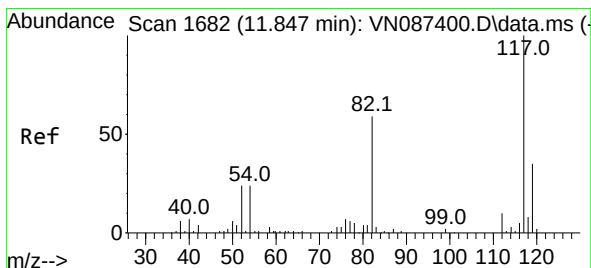
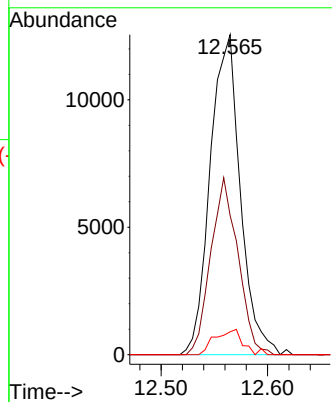
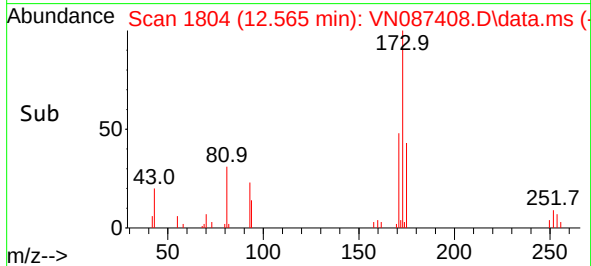


#56
Bromoform
Concen: 16.468 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

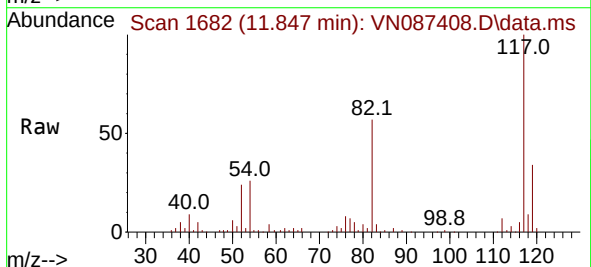
Instrument :
MSVOA_N
ClientSampleId :



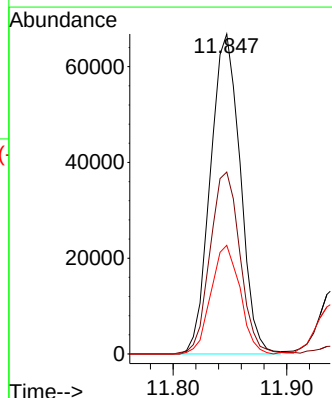
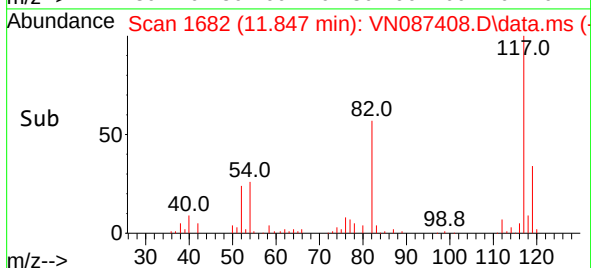
Tgt Ion:173 Resp: 24683
Ion Ratio Lower Upper
173 100
175 50.0 38.4 57.6
254 4.8 6.7 10.1#

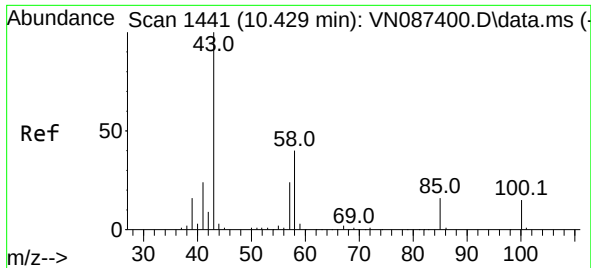


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13



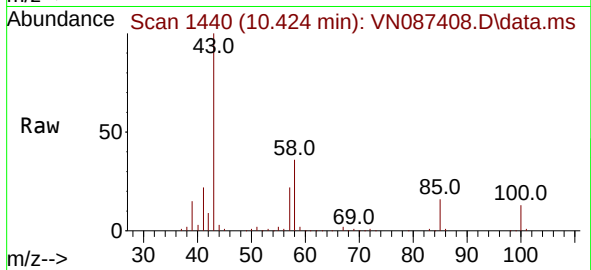
Tgt Ion:117 Resp: 122075
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 33.0 25.4 38.2



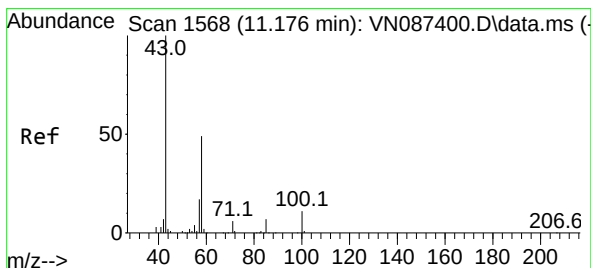
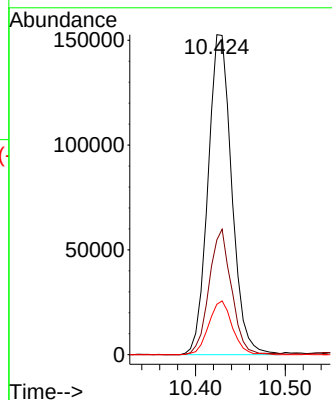
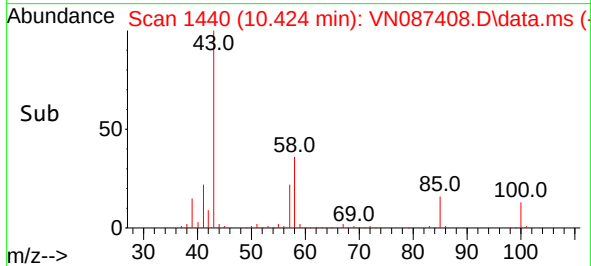


#58
4-Methyl-2-Pentanone
Concen: 94.206 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :

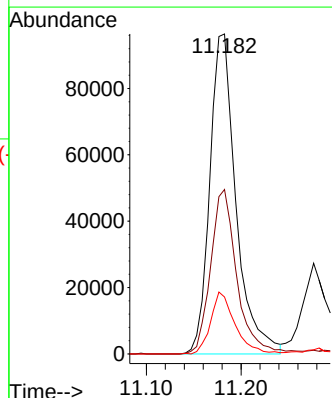
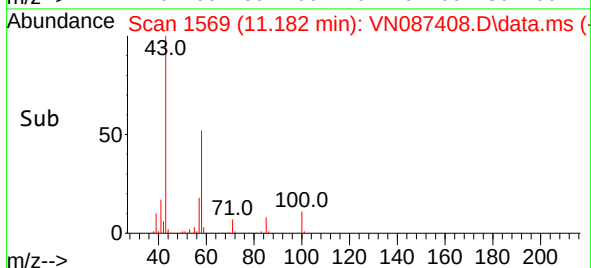
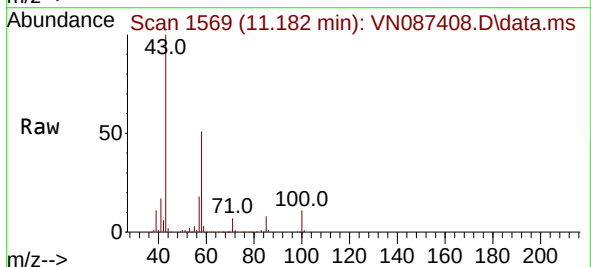


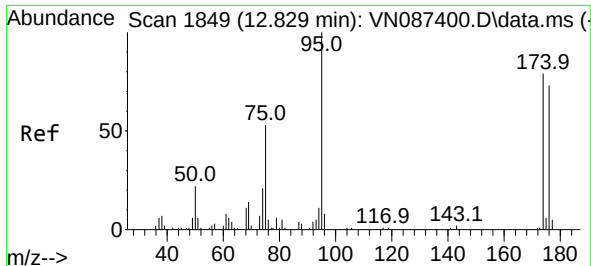
Tgt Ion: 43 Resp: 281209
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3
85 16.5 13.3 19.9



#59
2-Hexanone
Concen: 91.986 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 43 Resp: 185336
Ion Ratio Lower Upper
43 100
58 51.0 40.5 60.7
57 17.8 14.0 21.0

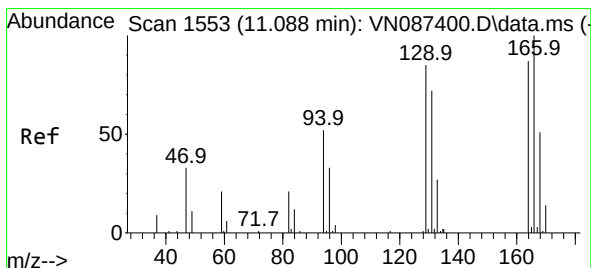
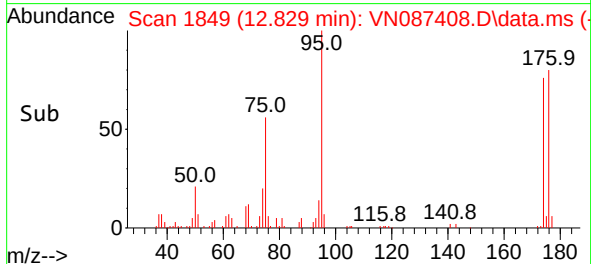
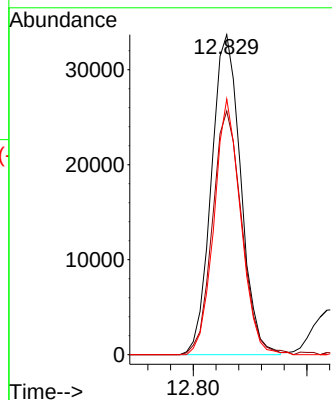
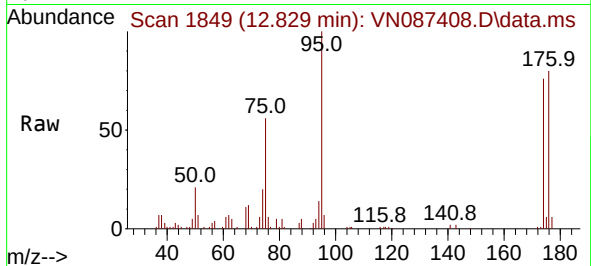




#60
4-Bromofluorobenzene
Concen: 29.632 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

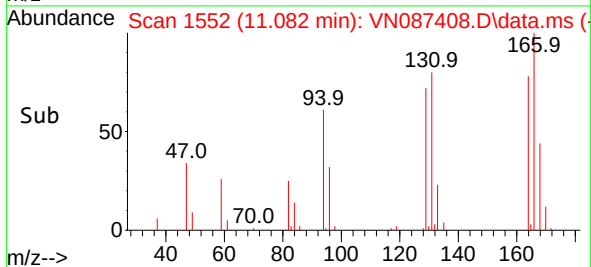
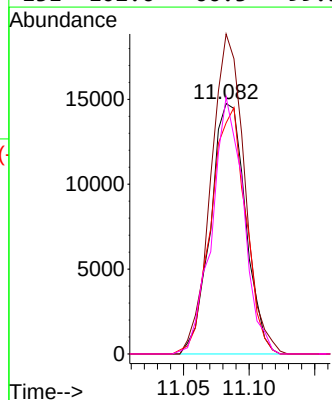
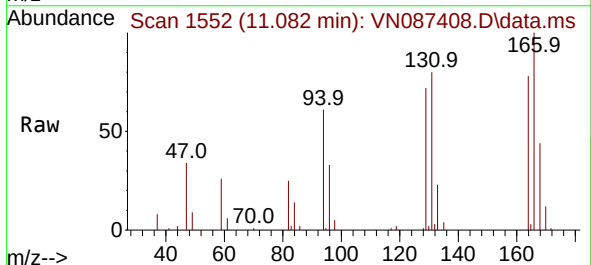
Instrument :
MSVOA_N
ClientSampleId :

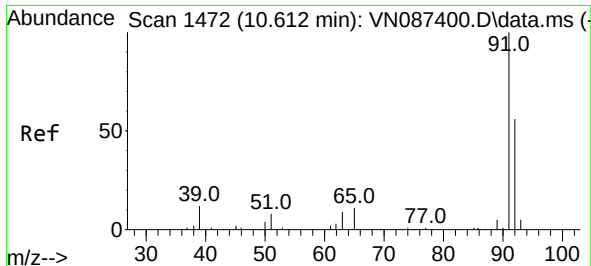
Tgt Ion: 95 Resp: 60349
Ion Ratio Lower Upper
95 100
174 76.1 62.1 93.1
176 72.7 57.9 86.9



#61
Tetrachloroethene
Concen: 19.973 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion:164 Resp: 27228
Ion Ratio Lower Upper
164 100
166 127.8 91.7 137.5
129 92.3 77.8 116.6
131 102.6 66.3 99.5#

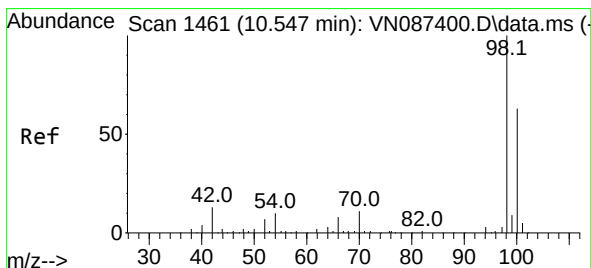
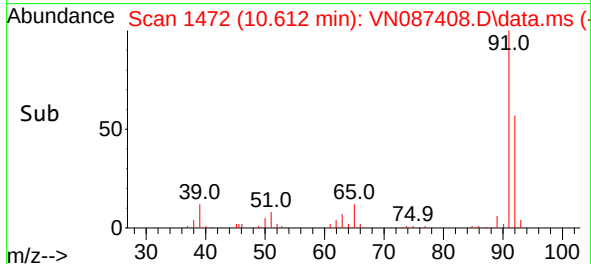
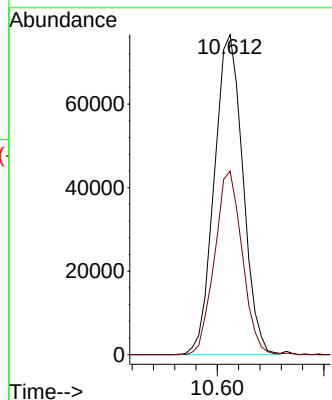
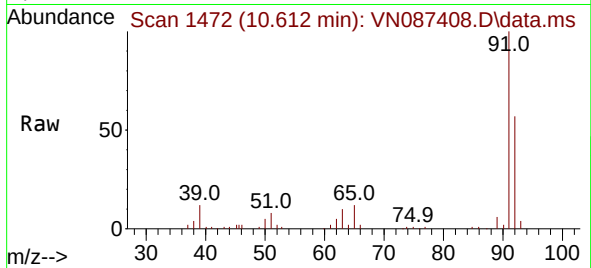




#62
Toluene
Concen: 19.224 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

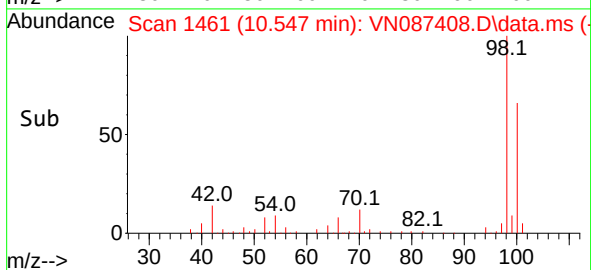
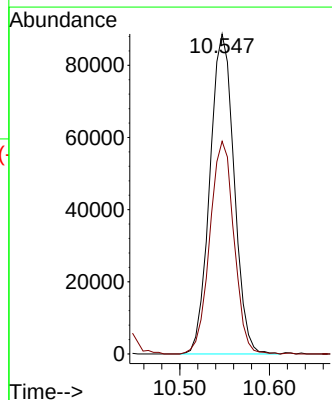
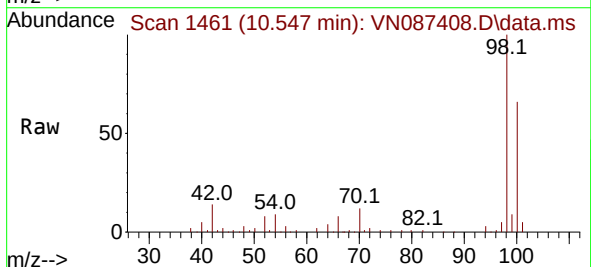
Instrument :
MSVOA_N
ClientSampleId :

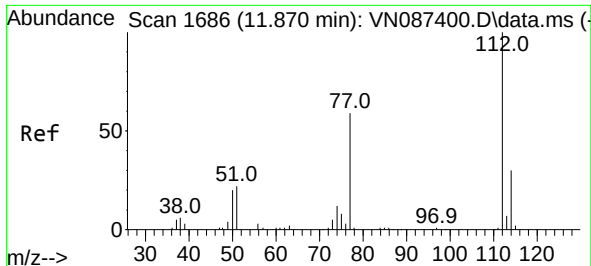
Tgt Ion: 91 Resp: 142921
Ion Ratio Lower Upper
91 100
92 55.3 47.4 71.0



#63
Toluene-d8
Concen: 29.928 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 98 Resp: 166151
Ion Ratio Lower Upper
98 100
100 66.2 51.1 76.7

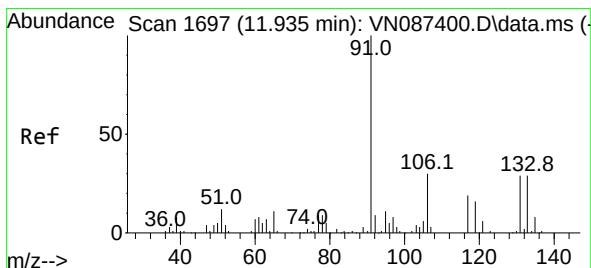
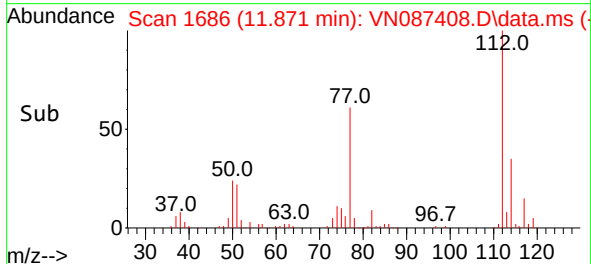
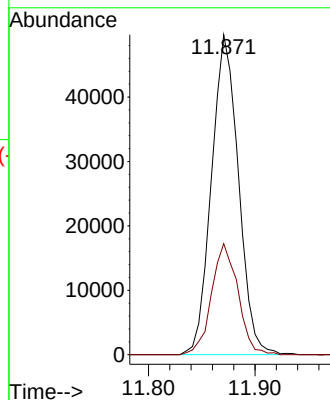
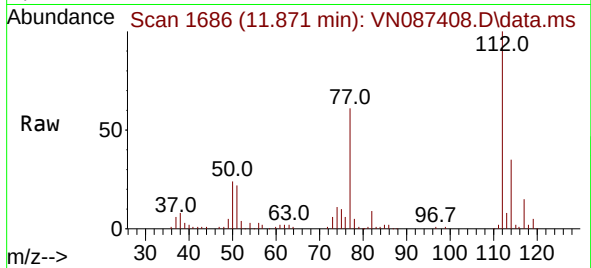




#64
Chlorobenzene
Concen: 18.391 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

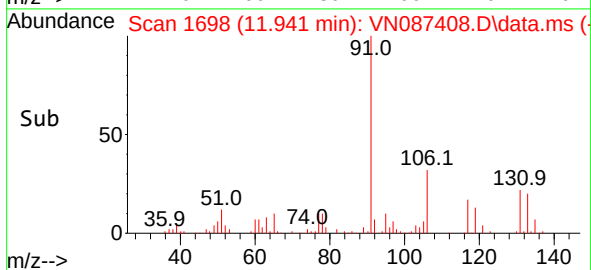
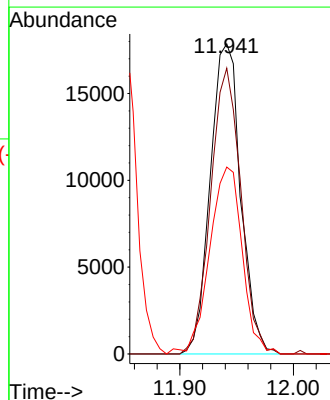
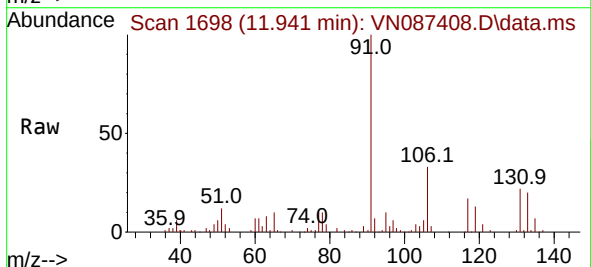
Instrument :
MSVOA_N
ClientSampleId :

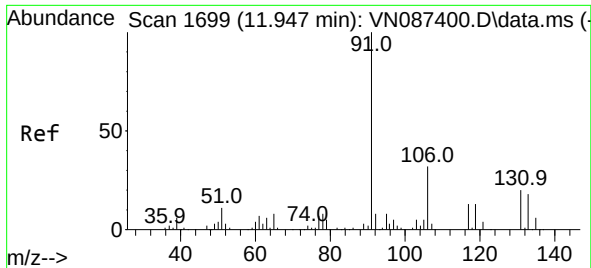
Tgt Ion:112 Resp: 87415
Ion Ratio Lower Upper
112 100
114 34.7 24.0 36.0



#65
1,1,1,2-Tetrachloroethane
Concen: 19.189 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion:131 Resp: 33330
Ion Ratio Lower Upper
131 100
133 91.4 0.0 193.0
119 63.5 0.0 128.2

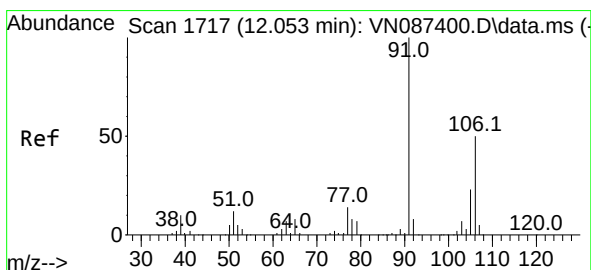
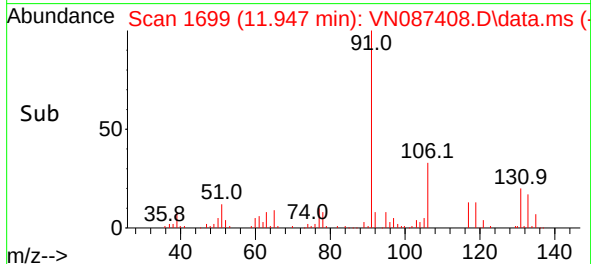
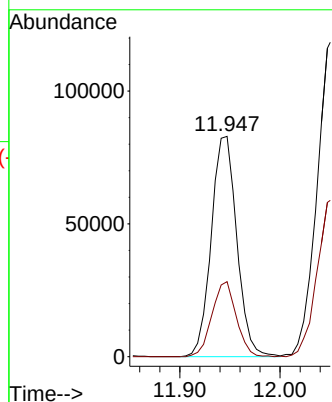
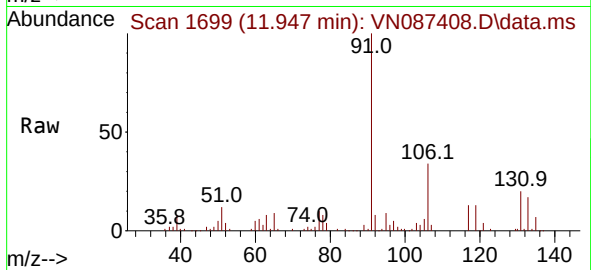




#66
Ethyl Benzene
Concen: 18.276 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

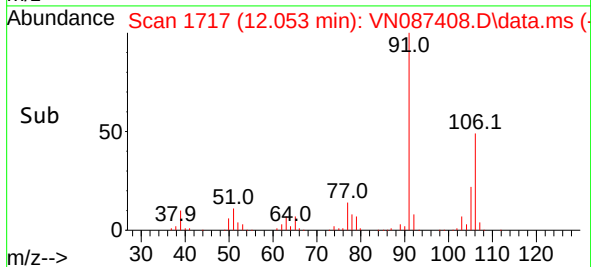
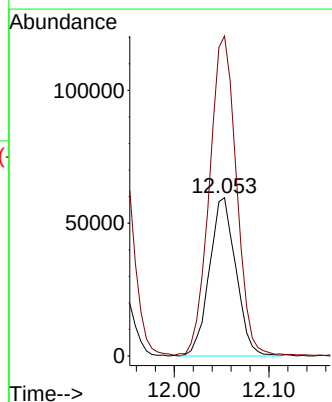
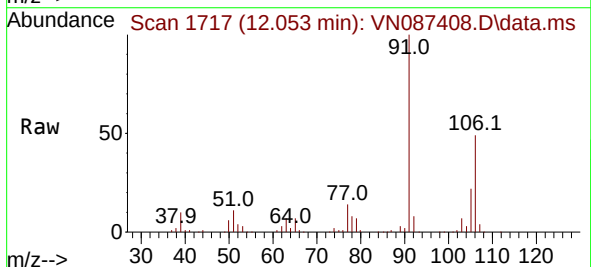
Instrument :
MSVOA_N
ClientSampleId :

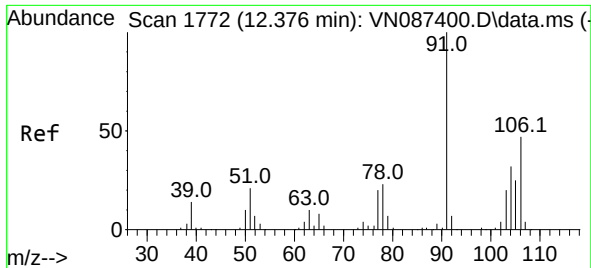
Tgt Ion: 91 Resp: 147102
Ion Ratio Lower Upper
91 100
106 34.0 25.8 38.6



#67
m/p-Xylenes
Concen: 36.360 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion:106 Resp: 115816
Ion Ratio Lower Upper
106 100
91 205.5 163.4 245.2

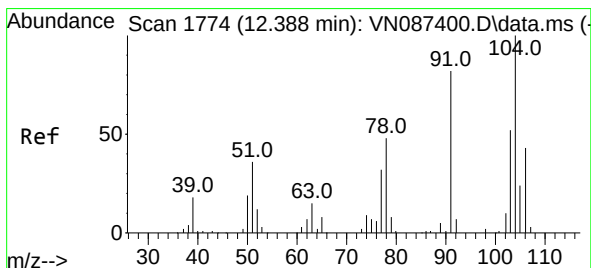
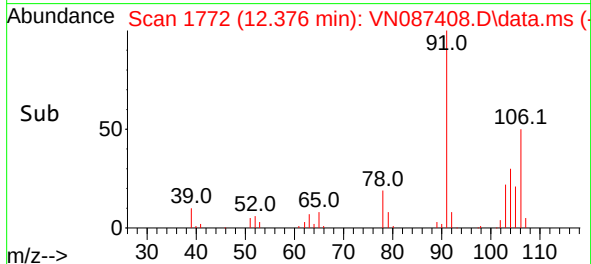
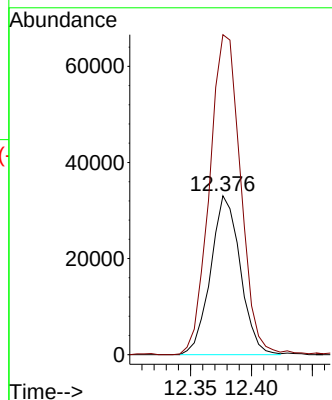
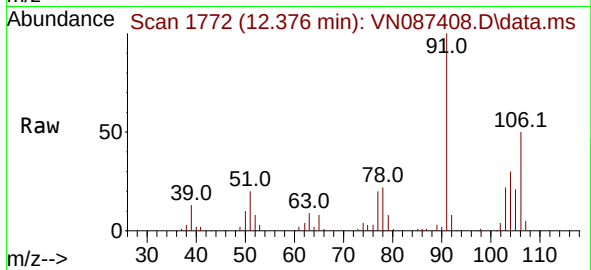




#68
o-Xylene
Concen: 18.309 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

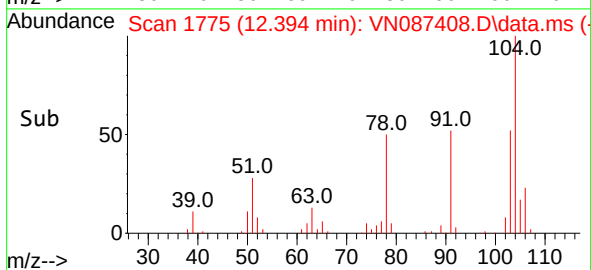
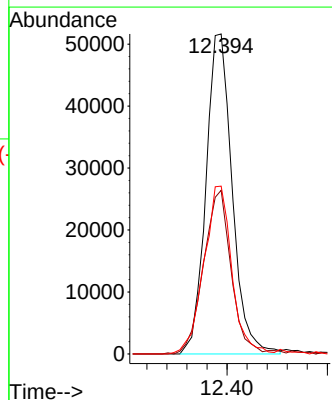
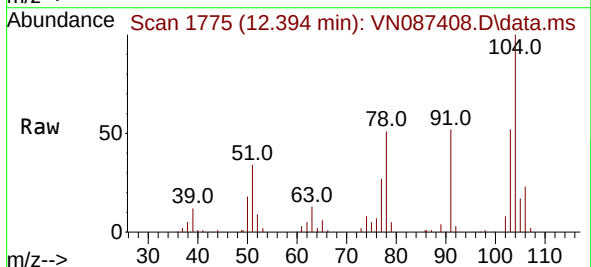
Instrument :
MSVOA_N
ClientSampleId :

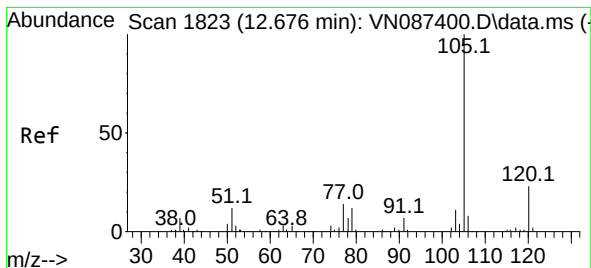
Tgt Ion:106 Resp: 55943
Ion Ratio Lower Upper
106 100
91 212.3 106.6 319.8



#69
Styrene
Concen: 17.687 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion:104 Resp: 94024
Ion Ratio Lower Upper
104 100
78 53.2 40.7 61.1
103 55.7 43.4 65.2





#70

Isopropylbenzene

Concen: 17.981 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

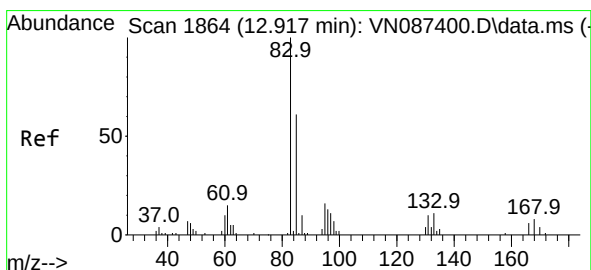
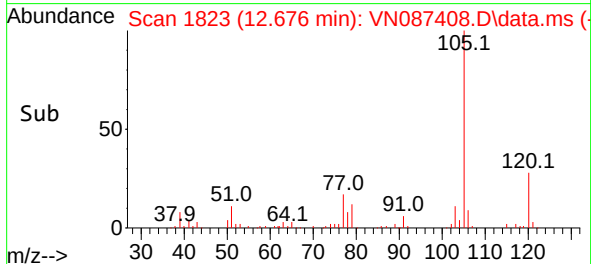
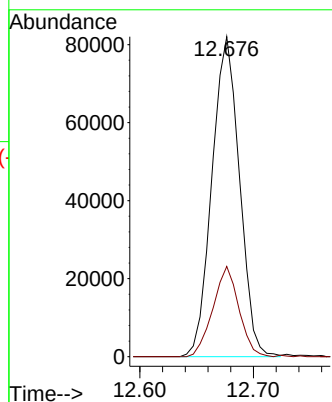
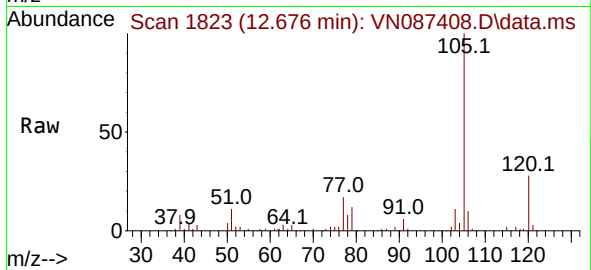
ClientSampleId :

Tgt Ion:105 Resp: 138372

Ion Ratio Lower Upper

105 100

120 26.5 17.6 32.6



#71

1,1,2,2-Tetrachloroethane

Concen: 18.829 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

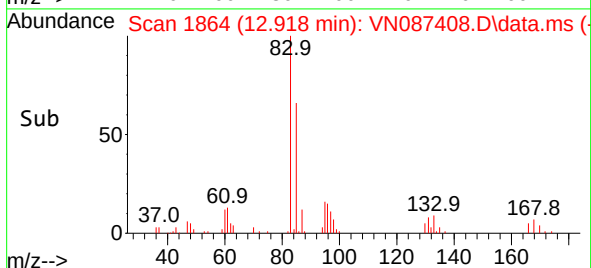
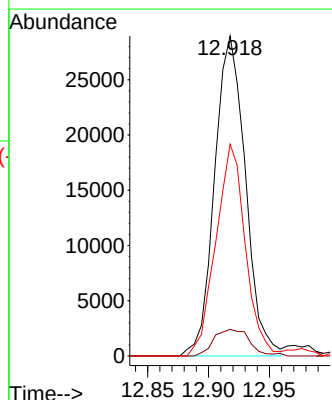
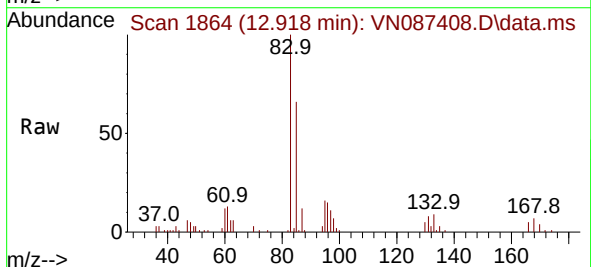
Tgt Ion: 83 Resp: 50971

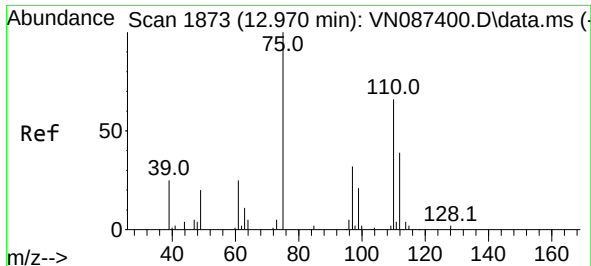
Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

85 63.4 30.6 91.6

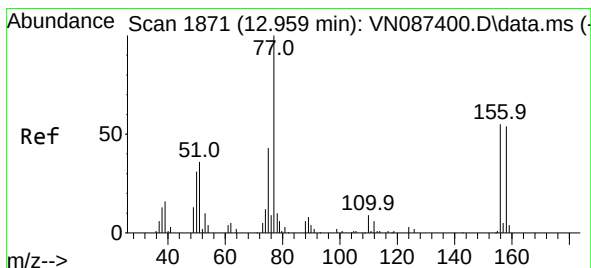
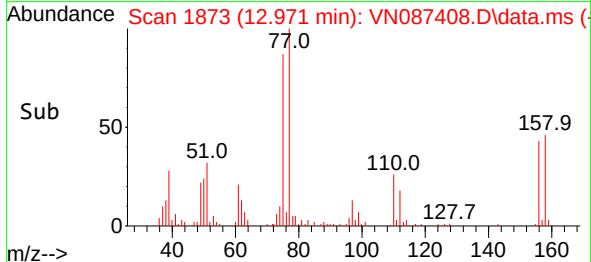
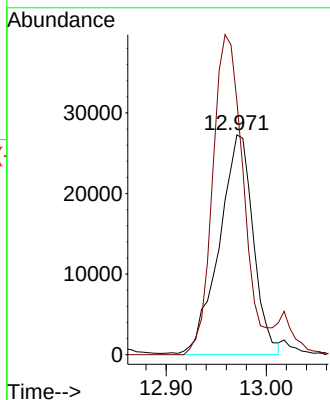
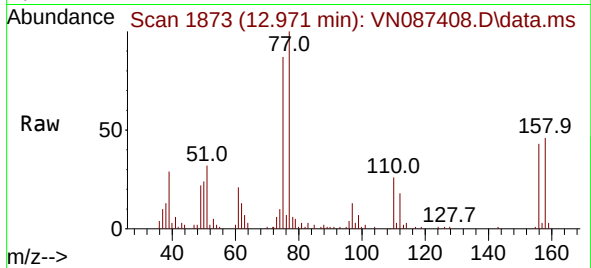




#72
1,2,3-Trichloropropane
Concen: 26.610 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

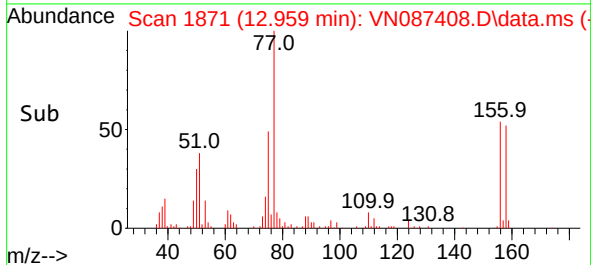
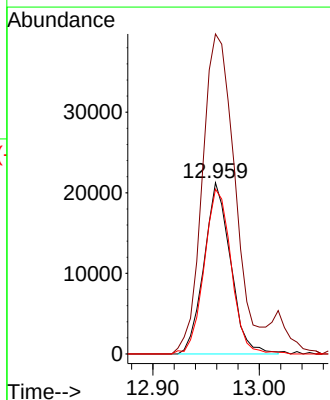
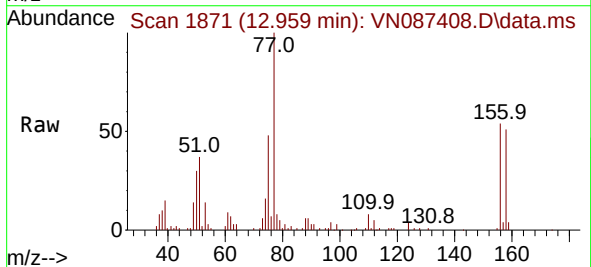
Instrument :
MSVOA_N
ClientSampleId :

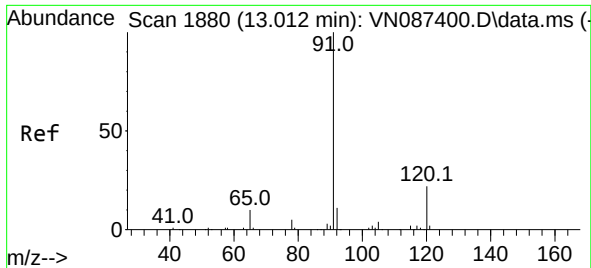
Tgt Ion: 75 Resp: 64354
Ion Ratio Lower Upper
75 100
77 129.7 0.0 361.2



#73
Bromobenzene
Concen: 18.439 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion:156 Resp: 36932
Ion Ratio Lower Upper
156 100
77 226.0 0.0 440.6
158 96.9 0.0 195.0

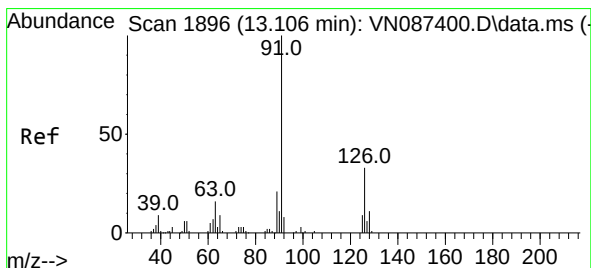
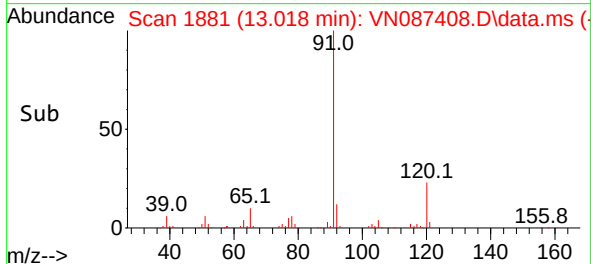
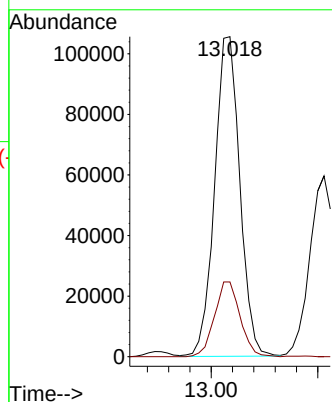
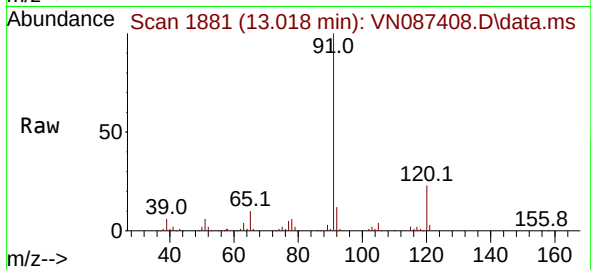




#74
n-propylbenzene
Concen: 17.822 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

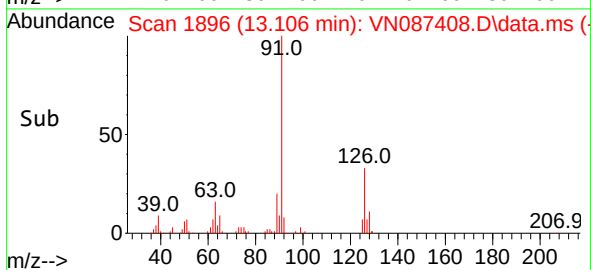
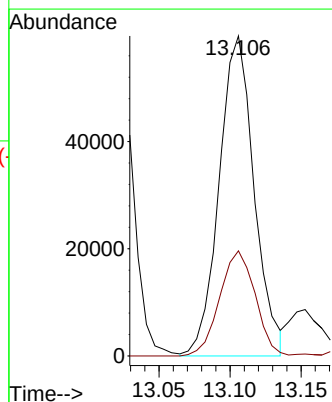
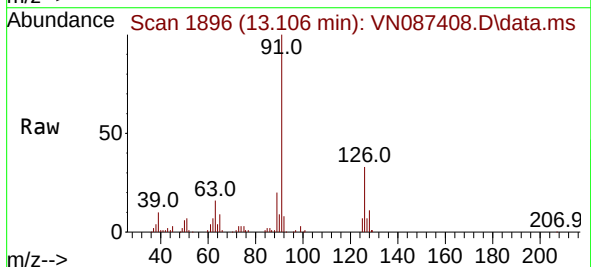
Instrument :
MSVOA_N
ClientSampleId :

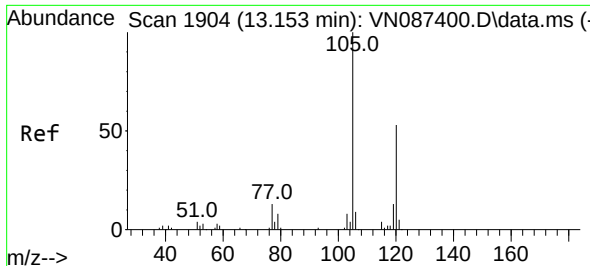
Tgt Ion: 91 Resp: 173189
Ion Ratio Lower Upper
91 100
120 23.7 0.0 44.6



#75
2-Chlorotoluene
Concen: 17.538 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 91 Resp: 102359
Ion Ratio Lower Upper
91 100
126 33.2 0.0 65.4

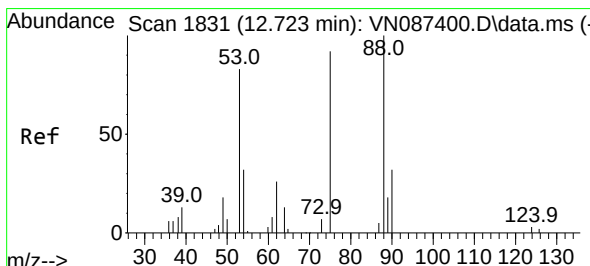
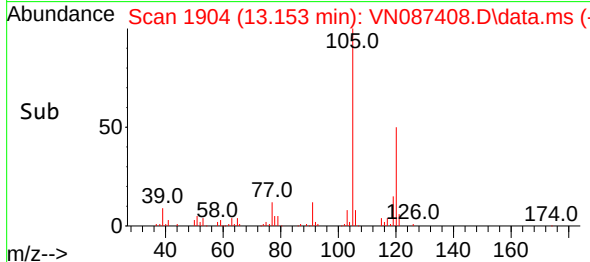
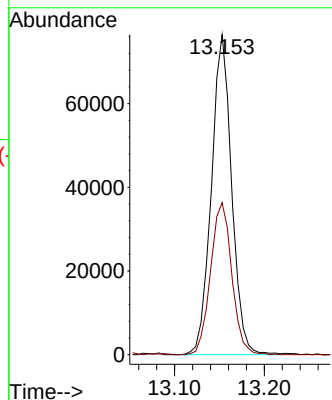
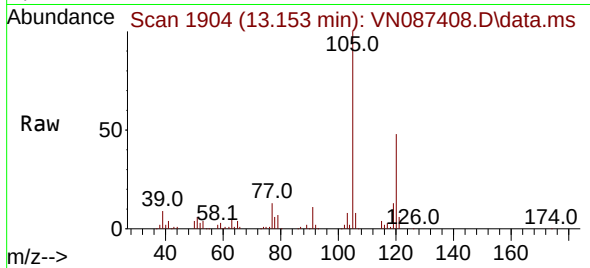




#76
1,3,5-Trimethylbenzene
Concen: 17.929 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

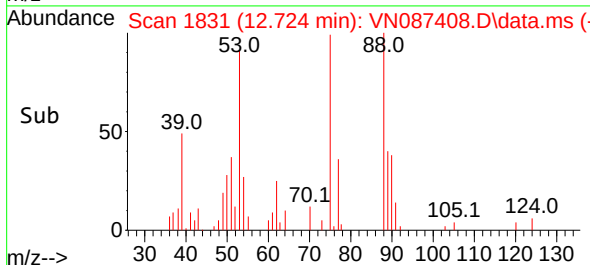
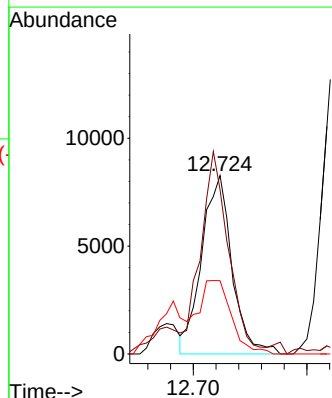
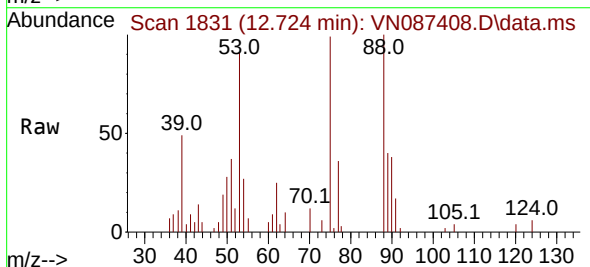
Instrument :
MSVOA_N
ClientSampleId :

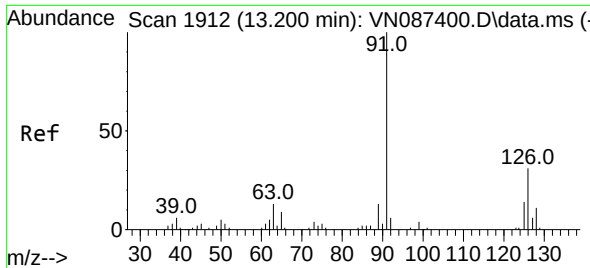
Tgt Ion:105 Resp: 120006
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.4



#77
t-1,4-Dichloro-2-butene
Concen: 15.893 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 75 Resp: 15361
Ion Ratio Lower Upper
75 100
53 85.5 44.0 131.8
89 41.1 17.0 50.9

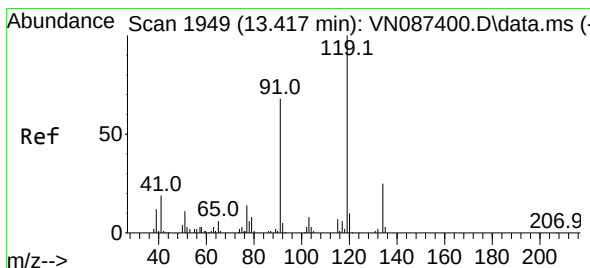
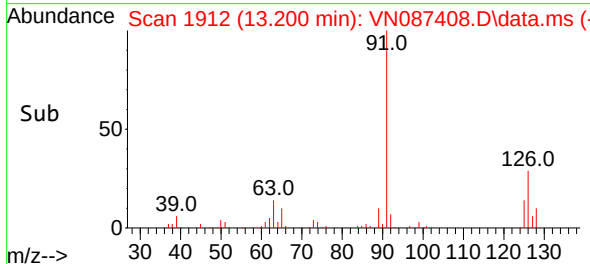
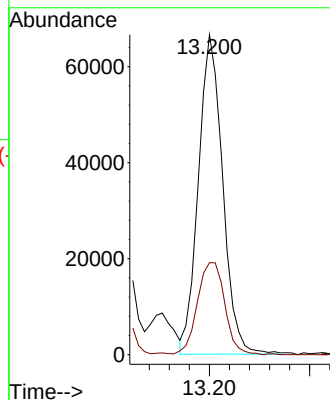
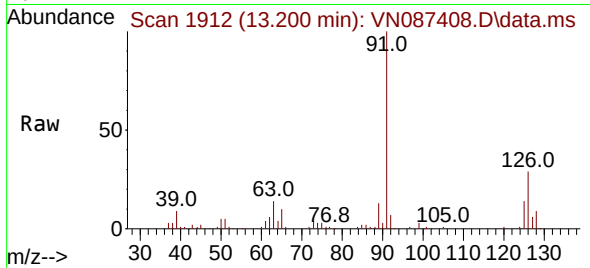




#78
4-Chlorotoluene
Concen: 18.005 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

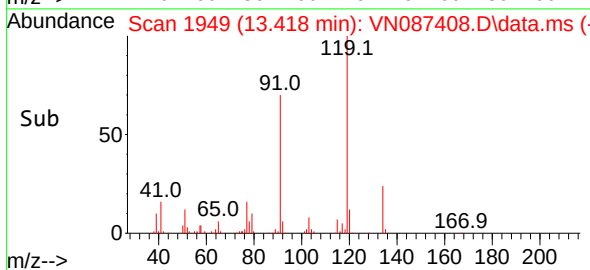
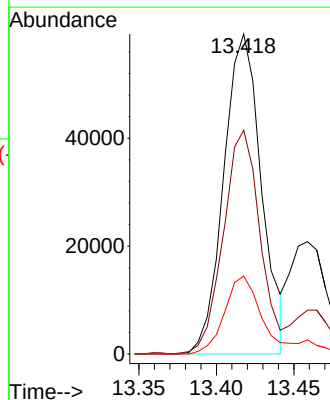
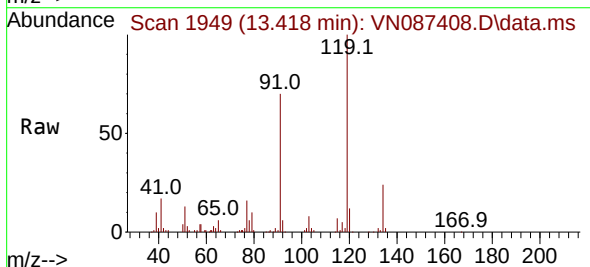
Instrument :
MSVOA_N
ClientSampleId :

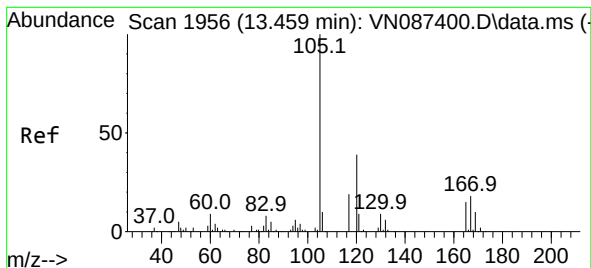
Tgt Ion: 91 Resp: 112080
Ion Ratio Lower Upper
91 100
126 32.4 0.0 66.6



#79
tert-butylbenzene
Concen: 17.652 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

Tgt Ion: 119 Resp: 100347
Ion Ratio Lower Upper
119 100
91 67.8 0.0 134.8
134 24.2 0.0 52.0





#80

1,2,4-Trimethylbenzene

Concen: 17.891 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

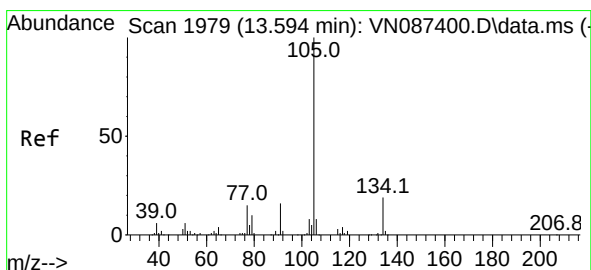
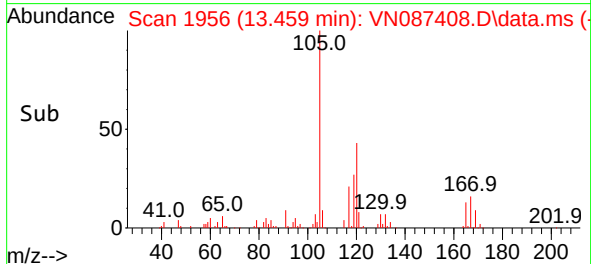
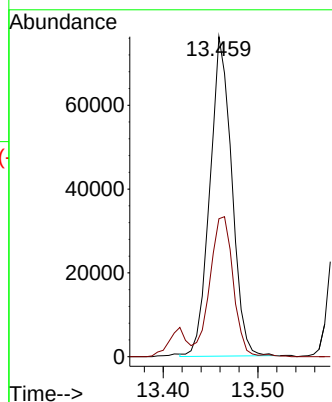
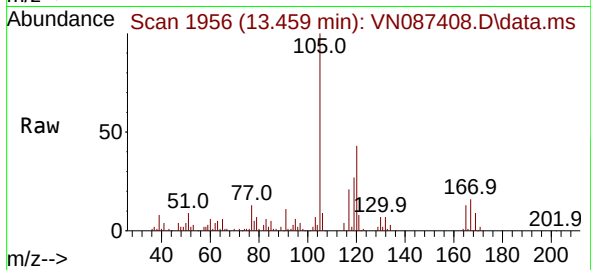
ClientSampleId :

Tgt Ion:105 Resp: 122251

Ion Ratio Lower Upper

105 100

120 46.6 0.0 93.6



#81

sec-Butylbenzene

Concen: 18.136 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087408.D

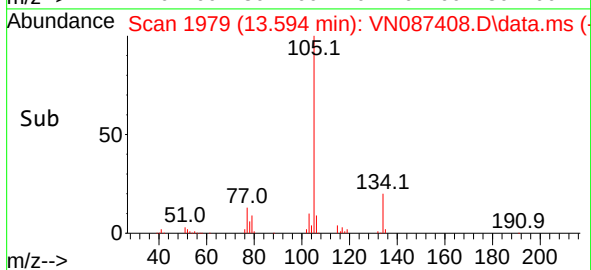
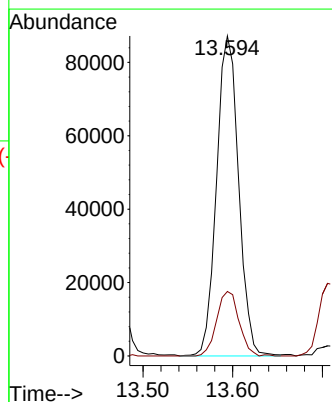
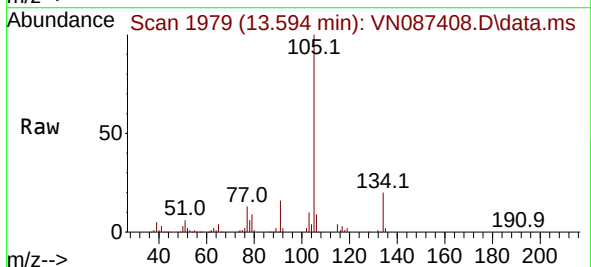
Acq: 24 Jul 2025 09:13

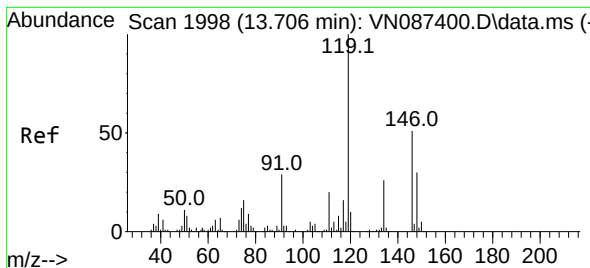
Tgt Ion:105 Resp: 148791

Ion Ratio Lower Upper

105 100

134 20.3 0.0 39.6





#82

p-Isopropyltoluene

Concen: 17.570 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

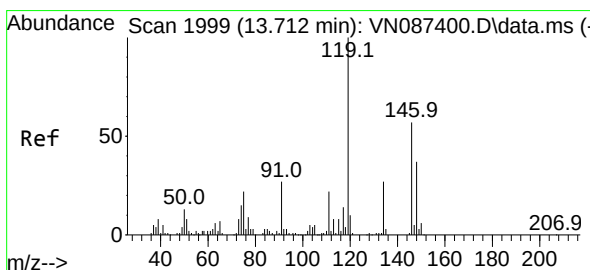
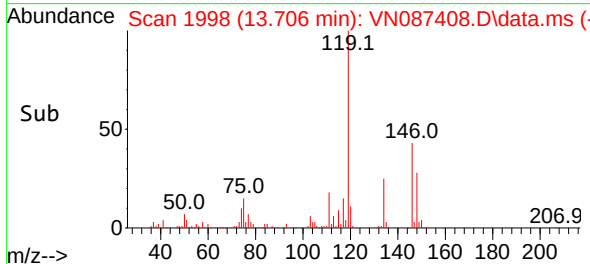
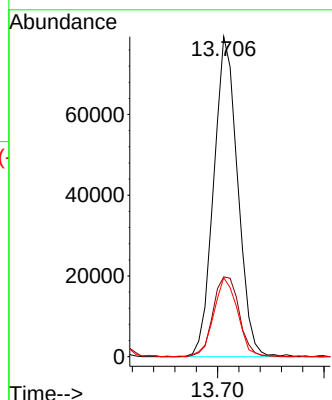
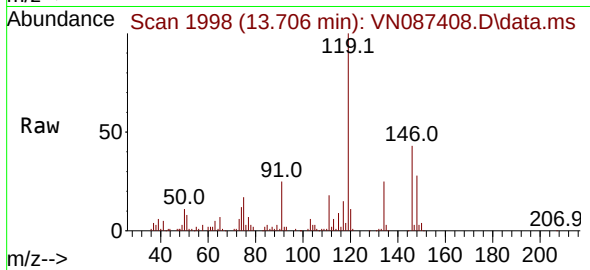
Tgt Ion:119 Resp: 123715

Ion Ratio Lower Upper

119 100

134 27.1 0.0 51.8

91 24.7 0.0 54.2



#83

1,3-Dichlorobenzene

Concen: 18.131 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

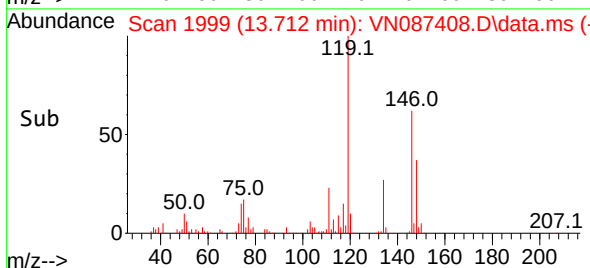
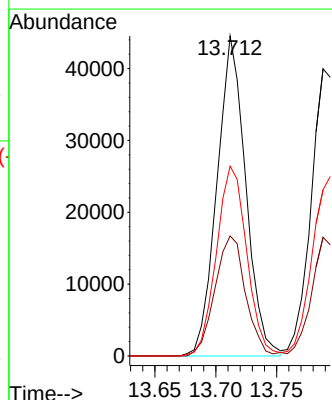
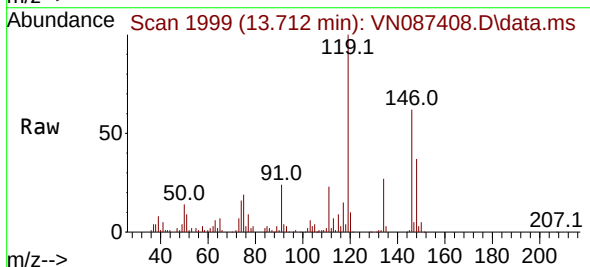
Tgt Ion:146 Resp: 73172

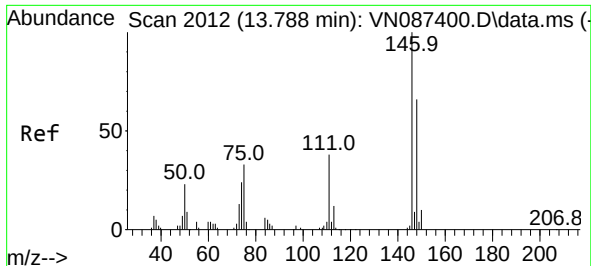
Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

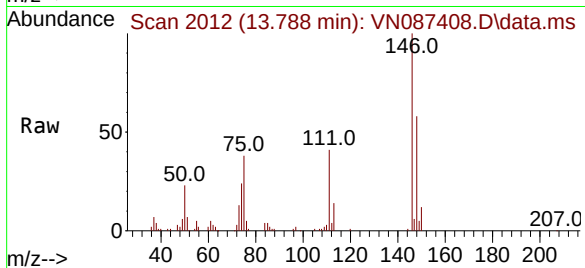
148 62.6 31.7 95.1



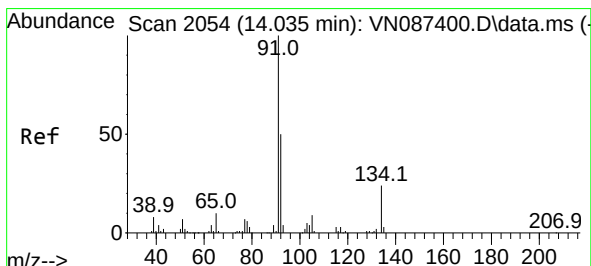
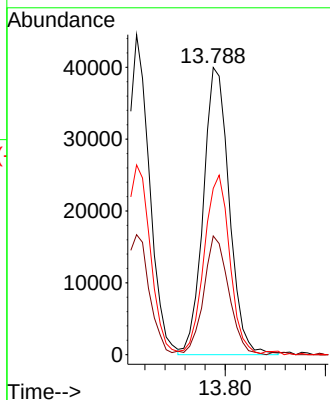
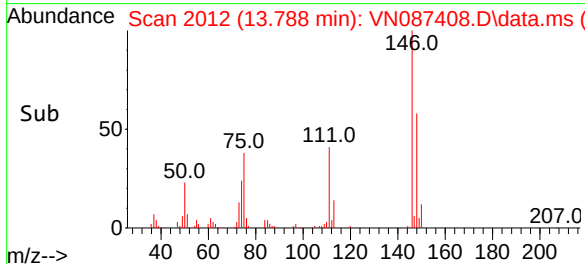


#84
 1,4-Dichlorobenzene
 Concen: 18.028 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

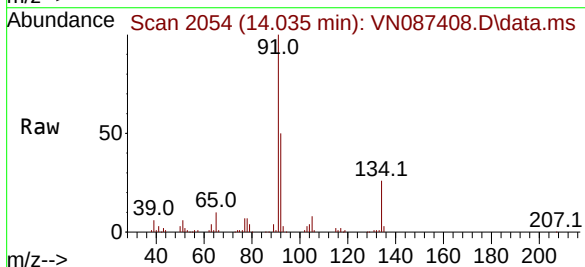
Instrument :
 MSVOA_N
 ClientSampleId :



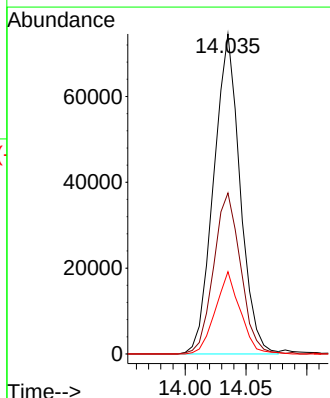
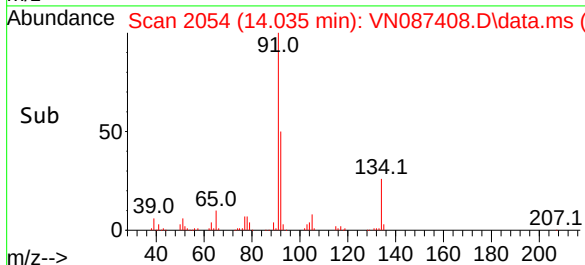
Tgt Ion:146 Resp: 71813
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.1
 148 61.9 32.4 97.2

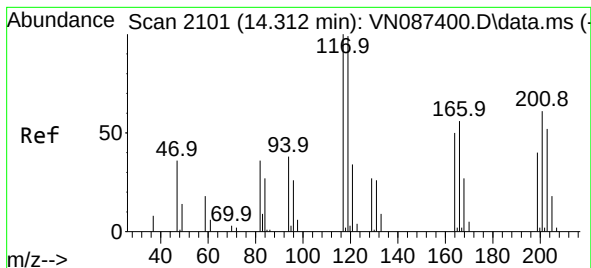


#85
 n-Butylbenzene
 Concen: 17.339 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13



Tgt Ion: 91 Resp: 112446
 Ion Ratio Lower Upper
 91 100
 92 51.4 0.0 101.4
 134 24.3 0.0 48.6





#86

Hexachloroethane

Concen: 18.270 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

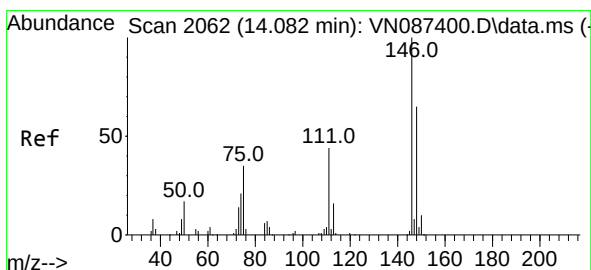
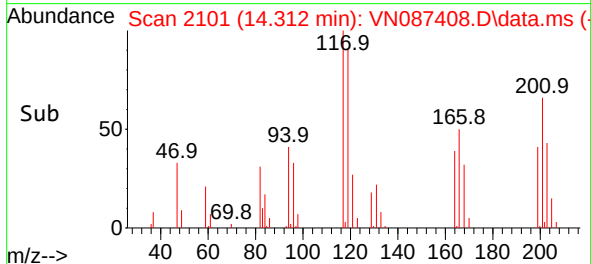
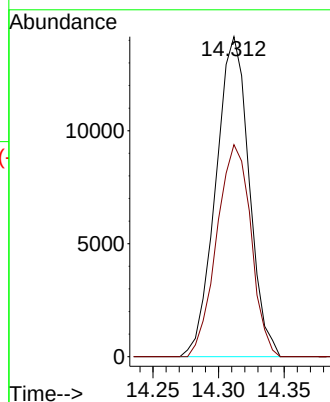
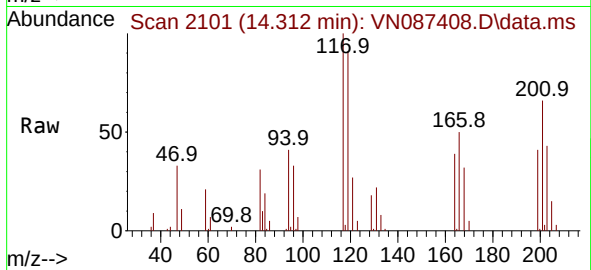
ClientSampleId :

Tgt Ion:117 Resp: 25034

Ion Ratio Lower Upper

117 100

201 68.0 34.2 102.5



#87

1,2-Dichlorobenzene

Concen: 17.731 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

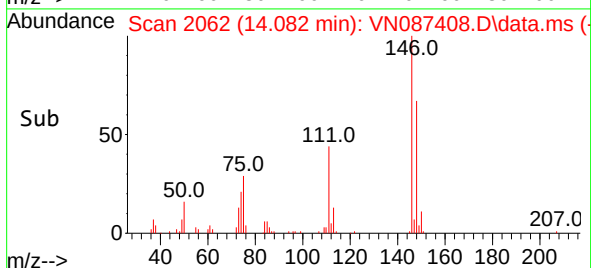
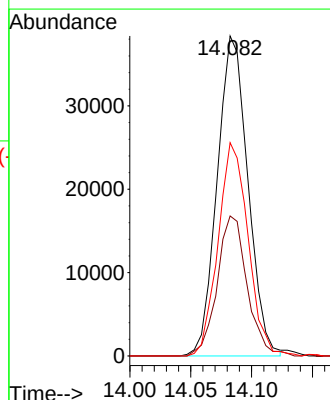
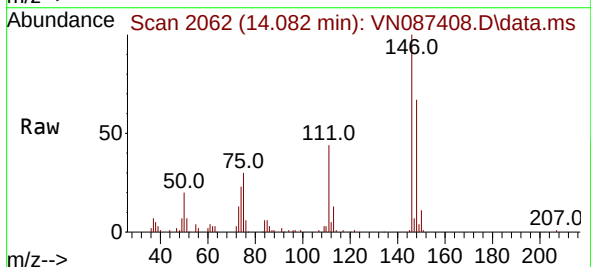
Tgt Ion:146 Resp: 67374

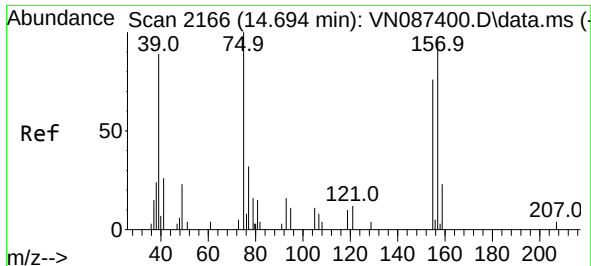
Ion Ratio Lower Upper

146 100

111 42.7 21.9 65.8

148 64.9 31.2 93.6





#88

1,2-Dibromo-3-Chloropropane

Concen: 17.139 ug/l

RT: 14.700 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

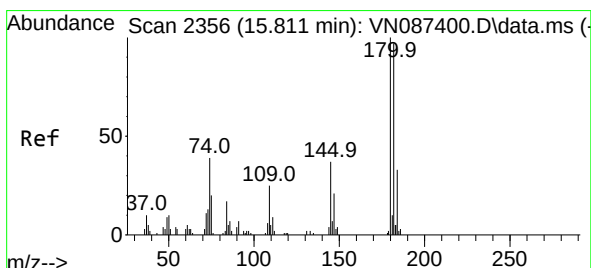
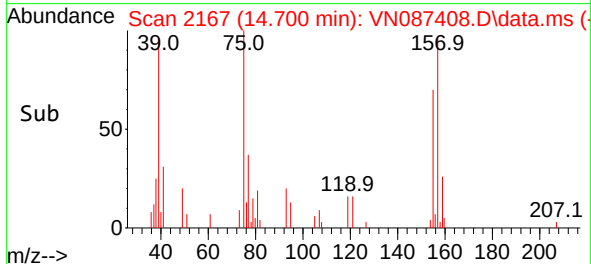
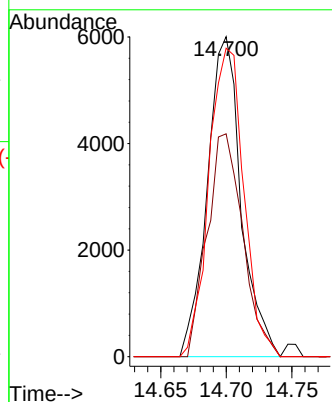
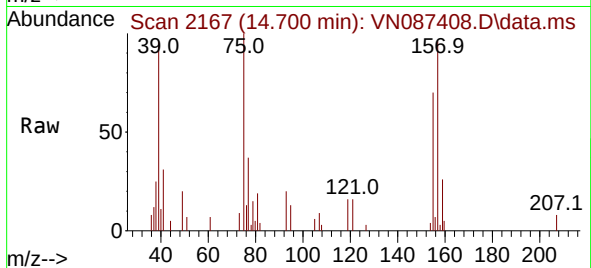
Tgt Ion: 75 Resp: 10795

Ion Ratio Lower Upper

75 100

155 73.6 61.3 91.9

157 99.4 85.5 128.3



#89

1,2,4-Trichlorobenzene

Concen: 17.926 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087408.D

Acq: 24 Jul 2025 09:13

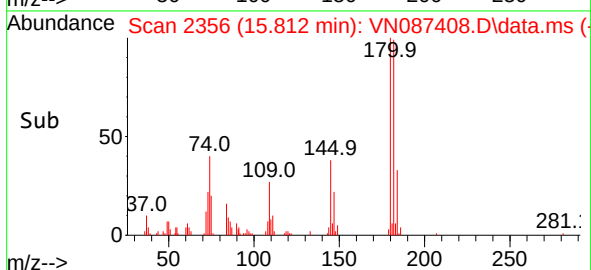
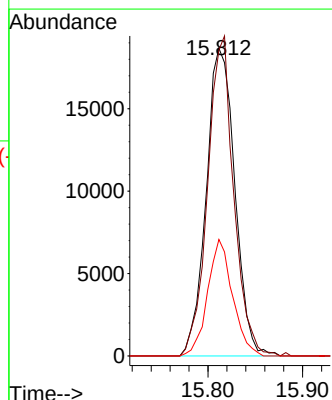
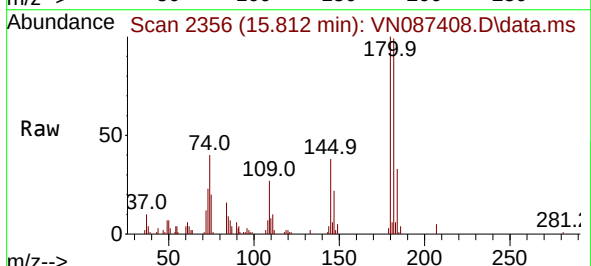
Tgt Ion:180 Resp: 39293

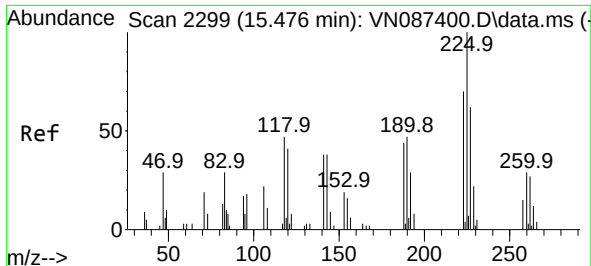
Ion Ratio Lower Upper

180 100

182 94.8 74.2 111.2

145 33.0 29.3 43.9

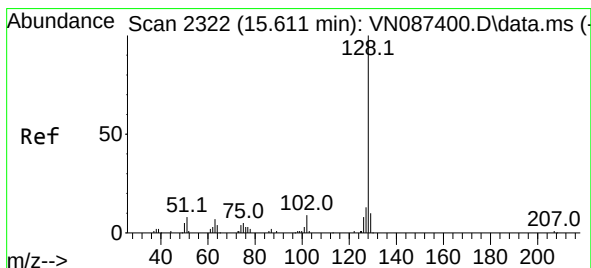
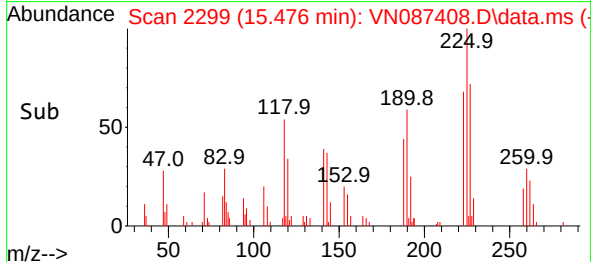
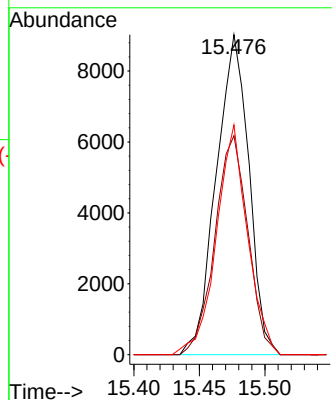
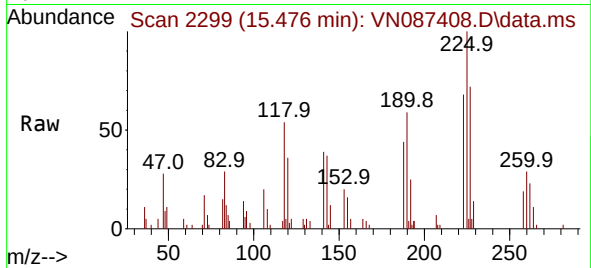




#90
Hexachlorobutadiene
Concen: 17.277 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

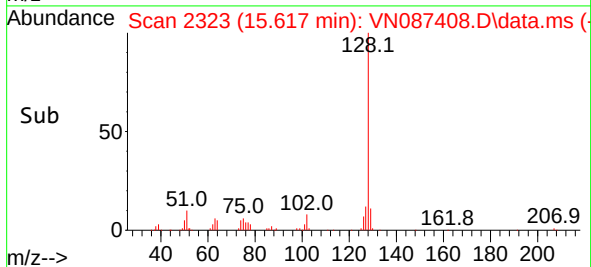
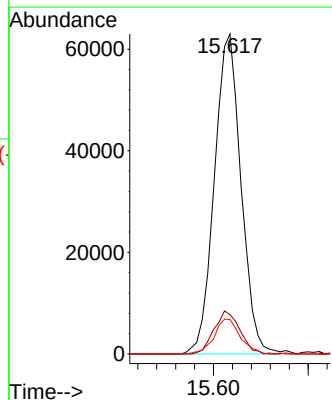
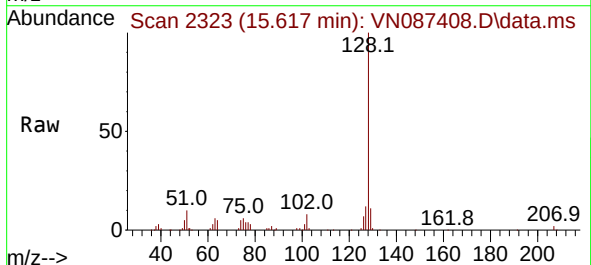
Instrument :
MSVOA_N
ClientSampleId :

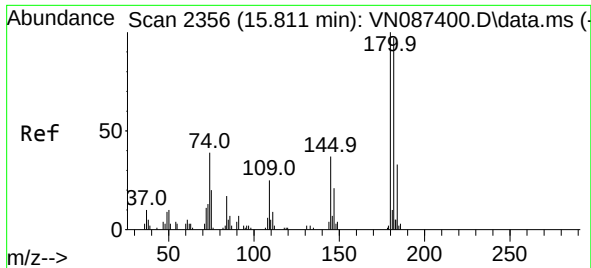
Tgt Ion:225 Resp: 15620
Ion Ratio Lower Upper
225 100
223 69.2 0.0 125.2
227 68.3 0.0 122.4



#91
Naphthalene
Concen: 16.874 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087408.D
Acq: 24 Jul 2025 09:13

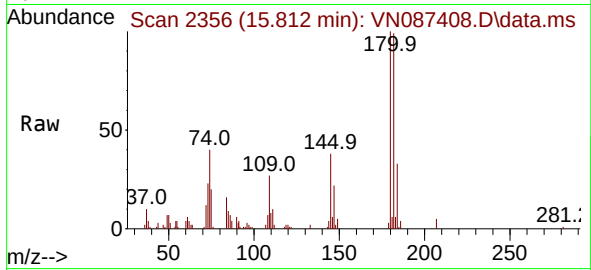
Tgt Ion:128 Resp: 123107
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.6 9.0 13.4





#92
 1,2,3-Trichlorobenzene
 Concen: 17.926 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087408.D
 Acq: 24 Jul 2025 09:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	39293
Ion Ratio	Lower	Upper	
180	100		
182	94.8	0.0	185.4
145	33.0	0.0	73.2

