

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087617.D
 Acq On : 21 Aug 2025 11:11
 Operator : JC\MD
 Sample : VN0821WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

Quant Time: Aug 22 03:13:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	54065	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	291100	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	266004	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	149020	29.884	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	12.829	95	135450	29.589	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.633%
63) Toluene-d8	10.547	98	368591	30.115	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58315	16.520	ug/l	97
3) Chloromethane	2.383	50	60425	16.685	ug/l	96
4) Vinyl Chloride	2.542	62	64823	16.876	ug/l	100
5) Bromomethane	2.983	94	31677	15.236	ug/l	86
6) Chloroethane	3.142	64	44232	17.858	ug/l	91
7) Trichlorofluoromethane	3.512	101	97905	17.710	ug/l	99
8) Diethyl Ether	3.959	74	42868	18.613	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	54296	19.261	ug/l	90
10) 1,1-Dichloroethene	4.341	96	55352	18.693	ug/l	81
11) Methyl Iodide	4.583	142	29496	12.651	ug/l	96
12) Methyl Acetate	5.018	43	97905	17.917	ug/l	99
13) Acrolein	4.177	56	108396	129.880	ug/l	99
14) Acrylonitrile	5.706	53	199051	83.422	ug/l	97
15) Acetone	4.418	58	62642	91.882	ug/l	82
16) Carbon Disulfide	4.712	76	144277	15.708	ug/l	96
17) Allyl chloride	5.012	41	94805	15.708	ug/l	90
18) Methylene Chloride	5.265	84	63772	16.729	ug/l	85
19) trans-1,2-Dichloroethene	5.765	96	27131	7.705	ug/l	97
20) Diisopropyl ether	6.659	45	217772	15.839	ug/l #	96
21) 1,1-Dichloroethane	6.547	63	122011	17.167	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	70424	16.254	ug/l #	92
23) tert-Butyl Alcohol	5.524	59	67042	66.122	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	212733	15.766	ug/l	98
25) Chloroform	7.947	83	126199	17.011	ug/l	99
26) Cyclohexane	8.241	56	88571	15.565	ug/l	97
29) 1,1-Dichloropropene	8.353	75	78754	16.587	ug/l	99
30) 2-Butanone	7.471	43	285629	81.615	ug/l	98
31) 2,2-Dichloropropane	7.471	77	103161	16.847	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	106807	17.638	ug/l	93
33) Carbon Tetrachloride	8.341	117	84296	16.757	ug/l	93
34) Benzene	8.588	78	258754	17.265	ug/l	99
35) Methacrylonitrile	7.765	41	61688	16.334	ug/l	94
36) 1,2-Dichloroethane	8.653	62	99157	16.369	ug/l	99
37) Trichloroethene	9.335	130	57421	17.393	ug/l	90
38) Methylcyclohexane	9.582	83	86770	15.753	ug/l	98
39) 1,2-Dichloropropane	9.606	63	66920	17.415	ug/l	94
40) Dibromomethane	9.688	93	48853	16.944	ug/l	95
41) Bromodichloromethane	9.865	83	101750	16.984	ug/l	98
42) Vinyl Acetate	6.594	43	896242	77.763	ug/l	99

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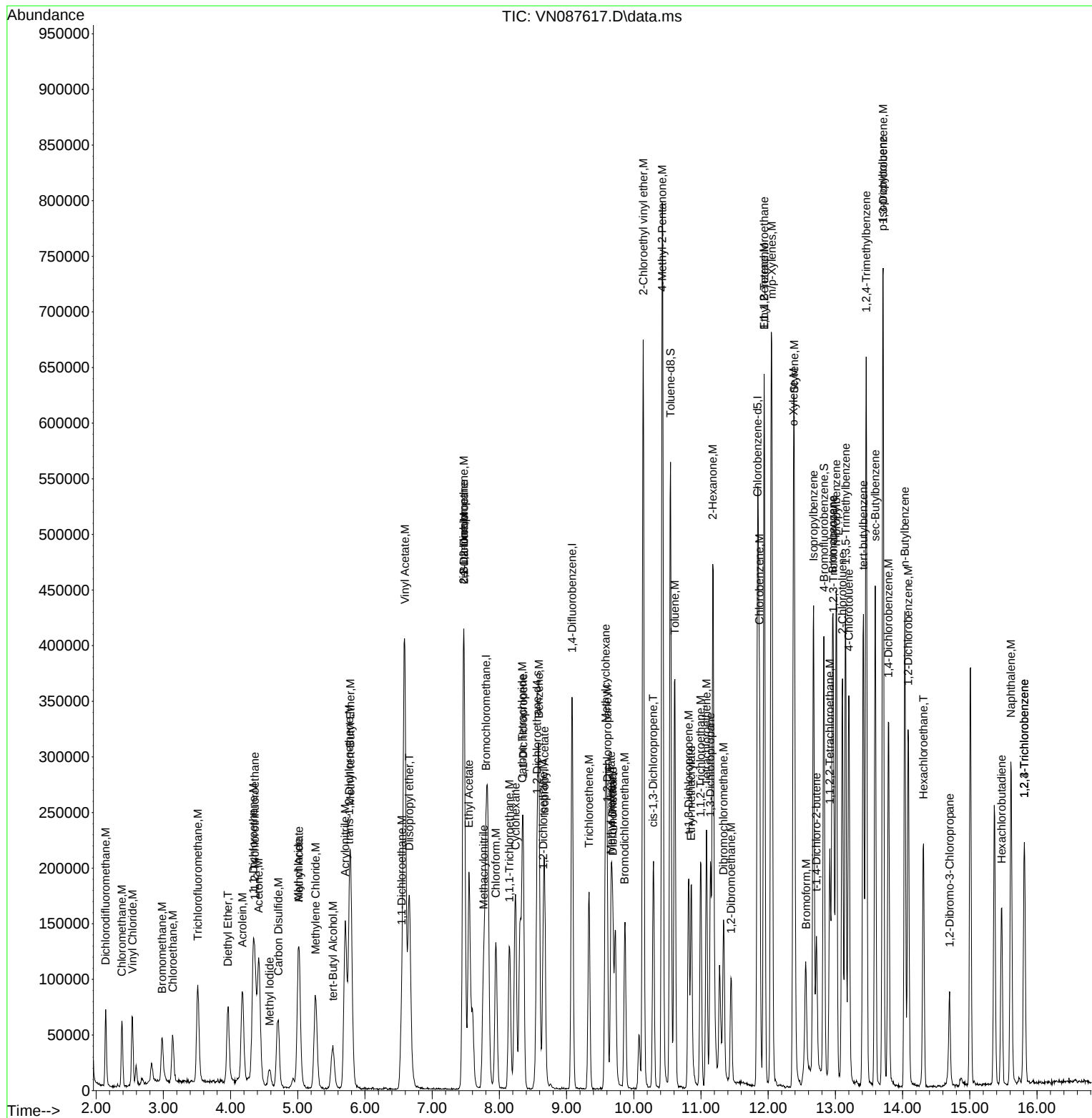
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	114115	16.878	ug/l	94
44) Isopropyl Acetate	8.671	43	180480	15.748	ug/l	98
45) 1,4-Dioxane	9.682	88	23445	320.893	ug/l #	88
46) Methyl methacrylate	9.659	41	81827	15.126	ug/l	96
48) t-1,3-Dichloropropene	10.818	75	102827	15.776	ug/l	97
49) cis-1,3-Dichloropropene	10.288	75	108136	16.486	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	66250	18.187	ug/l	94
51) Ethyl methacrylate	10.853	69	104244	16.249	ug/l	91
52) 1,3-Dichloropropane	11.141	76	112905	17.204	ug/l	98
53) Dibromochloromethane	11.335	129	70022	16.645	ug/l	100
54) 1,2-Dibromoethane	11.447	107	65874	17.035	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	288062	85.294	ug/l	100
56) Bromoform	12.565	173	43896	15.775	ug/l #	98
58) 4-Methyl-2-Pentanone	10.423	43	567941	82.998	ug/l	99
59) 2-Hexanone	11.176	43	356462	76.668	ug/l	99
61) Tetrachloroethene	11.082	164	44874	17.316	ug/l	89
62) Toluene	10.612	91	271845	16.558	ug/l	98
64) Chlorobenzene	11.870	112	169766	16.828	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.941	131	59276	16.712	ug/l	99
66) Ethyl Benzene	11.941	91	304785	16.656	ug/l	98
67) m/p-Xylenes	12.053	106	223334	33.250	ug/l	94
68) o-Xylene	12.376	106	109540	16.577	ug/l	95
69) Styrene	12.388	104	190240	16.860	ug/l	98
70) Isopropylbenzene	12.676	105	274777	16.367	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	98818	17.179	ug/l	95
72) 1,2,3-Trichloropropane	12.970	75	128016	23.889	ug/l	56
73) Bromobenzene	12.959	156	65603	16.856	ug/l	97
74) n-propylbenzene	13.012	91	353526	16.861	ug/l	100
75) 2-Chlorotoluene	13.106	91	208926	16.199	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	240886	16.758	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	28402	14.001	ug/l	89
78) 4-Chlorotoluene	13.200	91	220236	16.851	ug/l	97
79) tert-butylbenzene	13.417	119	200845	16.572	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	239099	16.646	ug/l	98
81) sec-Butylbenzene	13.594	105	297428	16.858	ug/l	99
82) p-Isopropyltoluene	13.706	119	247113	16.869	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	129811	17.516	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	128645	17.122	ug/l	98
85) n-Butylbenzene	14.035	91	242038	16.887	ug/l	98
86) Hexachloroethane	14.311	117	45454	15.889	ug/l	92
87) 1,2-Dichlorobenzene	14.082	146	123841	17.506	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	21813	14.969	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	70682	16.718	ug/l	97
90) Hexachlorobutadiene	15.476	225	27162	16.522	ug/l	92
91) Naphthalene	15.611	128	254050	15.760	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	70682	16.718	ug/l	97

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

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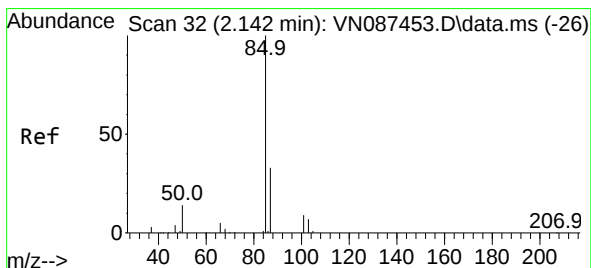
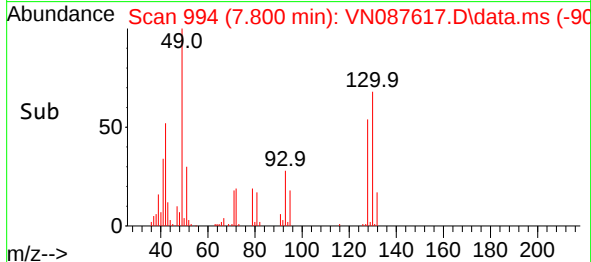
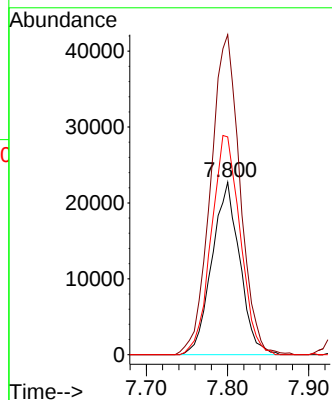
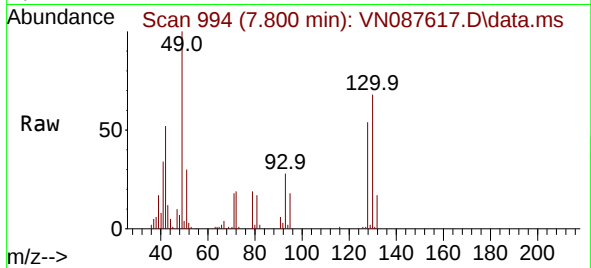




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

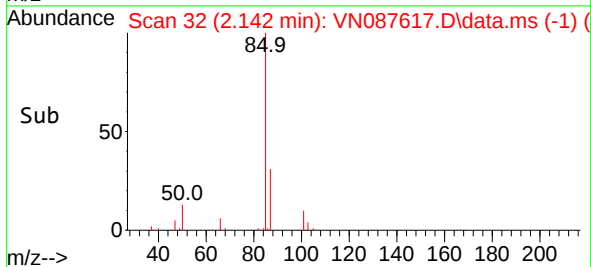
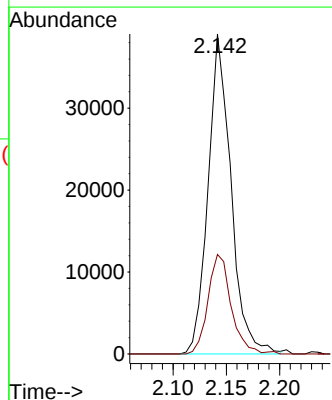
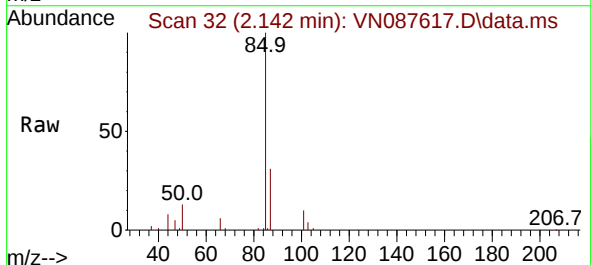
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MSVOA_N
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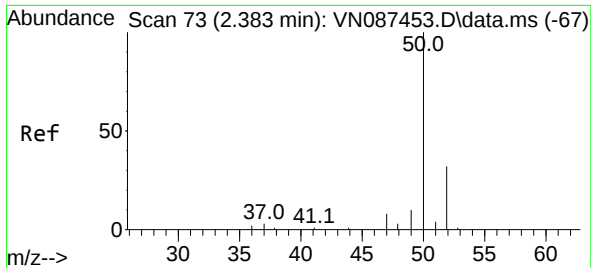
Tgt Ion:128 Resp: 54065
Ion Ratio Lower Upper
128 100
49 195.3 0.0 494.8
130 132.5 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 16.520 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 85 Resp: 58315
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.2

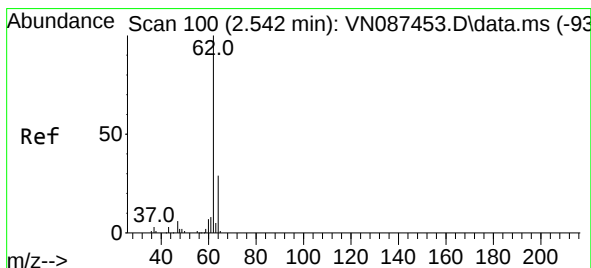
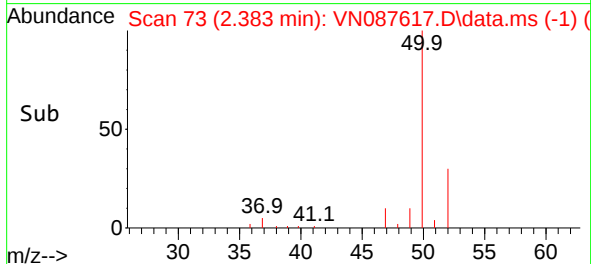
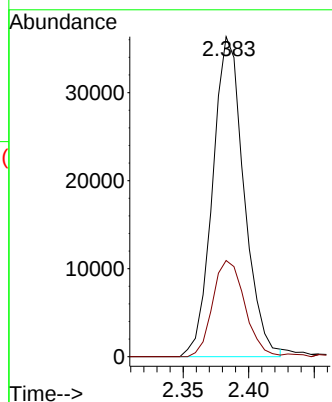
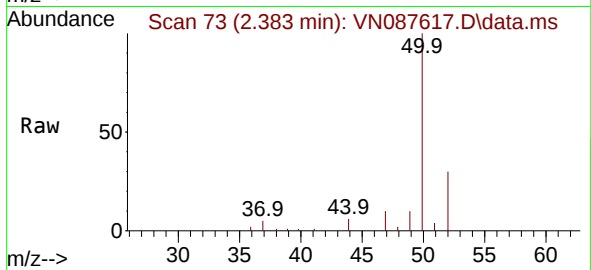




#3
Chloromethane
Concen: 16.685 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

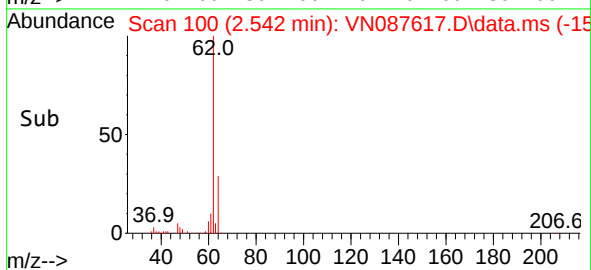
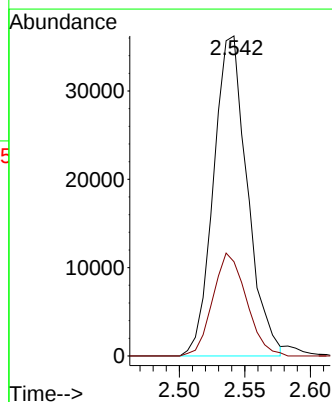
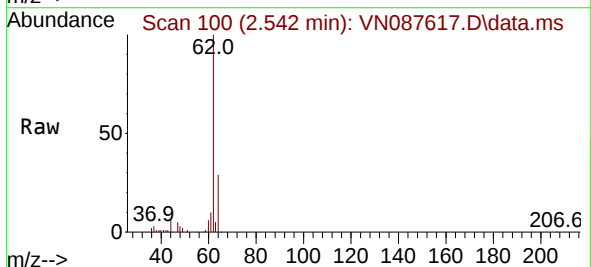
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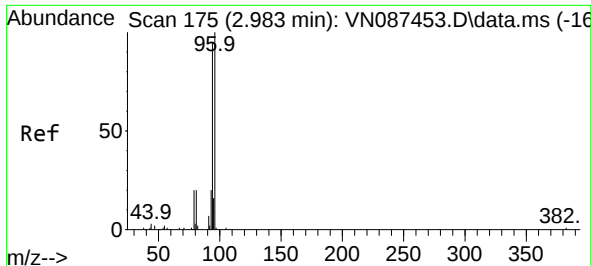
Tgt Ion: 50 Resp: 60425
Ion Ratio Lower Upper
50 100
52 30.1 25.8 38.6



#4
Vinyl Chloride
Concen: 16.876 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087617.D
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Tgt Ion: 62 Resp: 64823
Ion Ratio Lower Upper
62 100
64 29.4 23.4 35.2

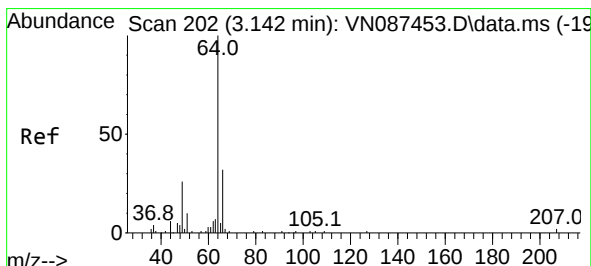
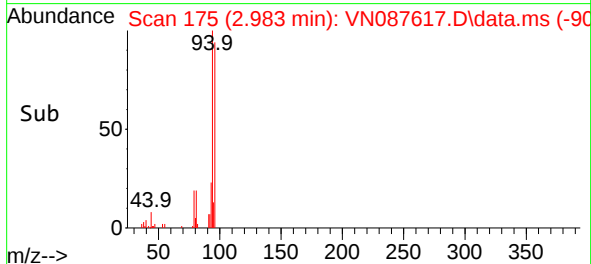
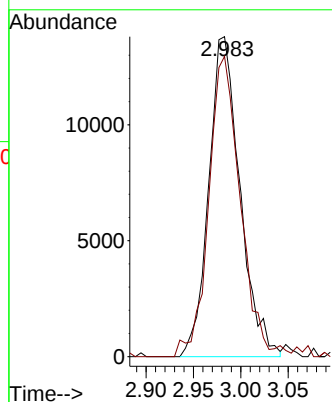
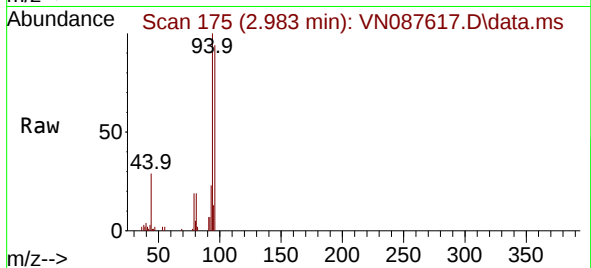




#5
Bromomethane
Concen: 15.236 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087617.D
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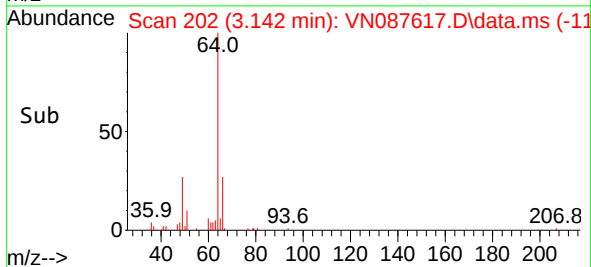
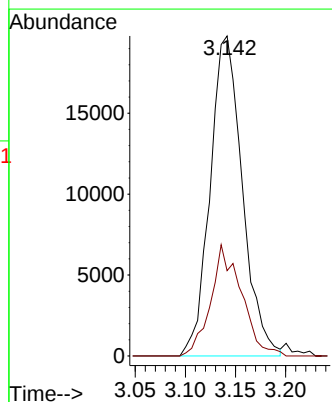
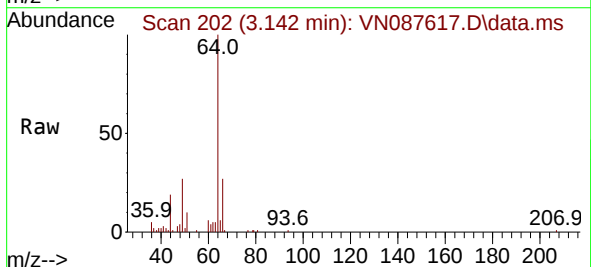
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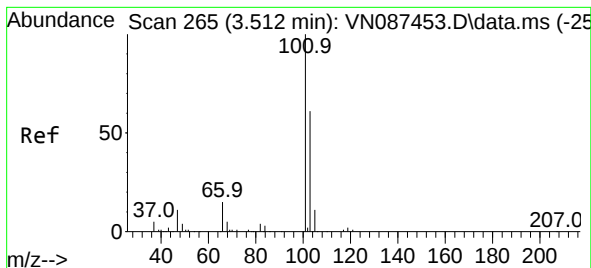
Tgt Ion: 94 Resp: 31677
Ion Ratio Lower Upper
94 100
96 90.4 84.2 126.4



#6
Chloroethane
Concen: 17.858 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087617.D
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Tgt Ion: 64 Resp: 44232
Ion Ratio Lower Upper
64 100
66 26.6 25.4 38.0

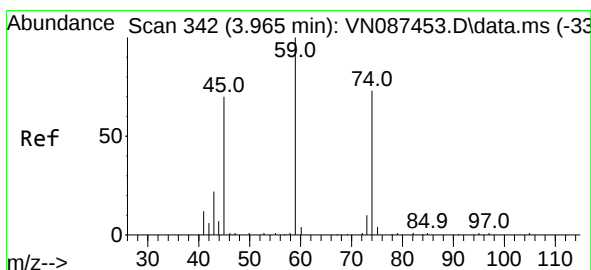
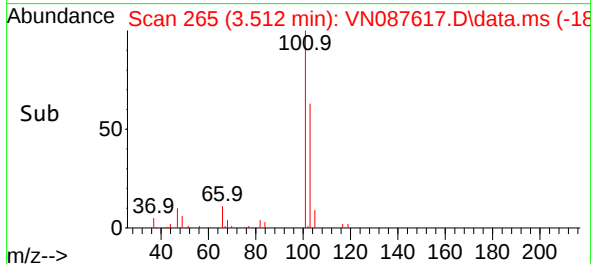
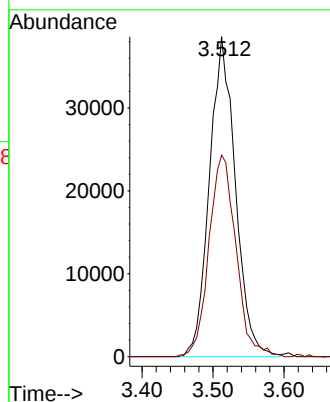
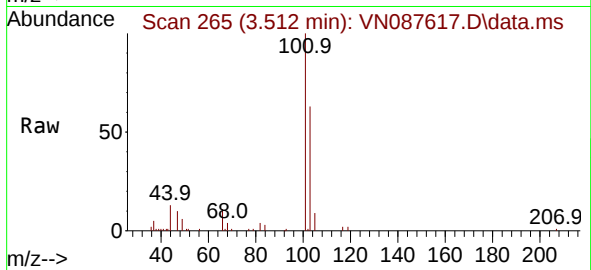




#7
 Trichlorofluoromethane
 Concen: 17.710 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
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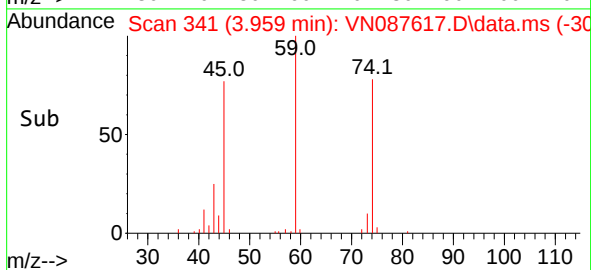
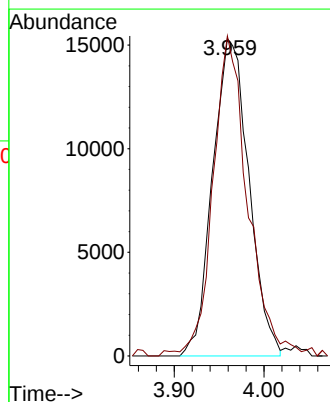
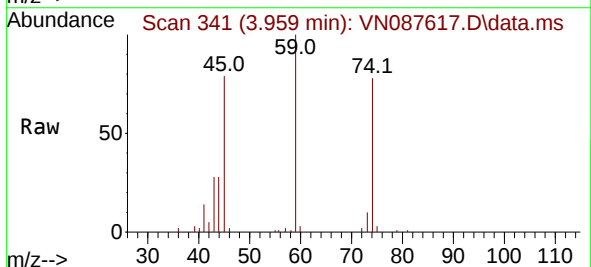
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Tgt Ion:101 Resp: 97905
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.2 73.8



#8
 Diethyl Ether
 Concen: 18.613 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

Tgt Ion: 74 Resp: 42868
 Ion Ratio Lower Upper
 74 100
 45 94.1 20.1 180.9

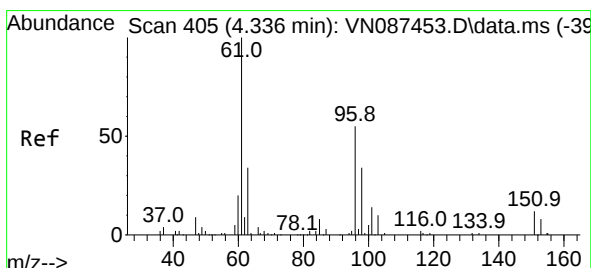
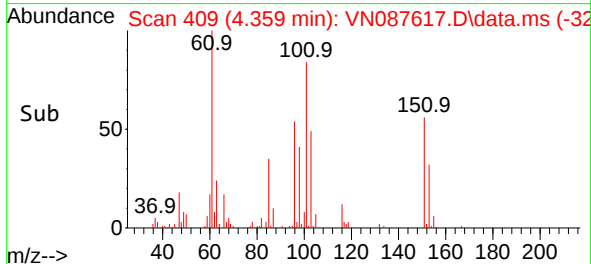
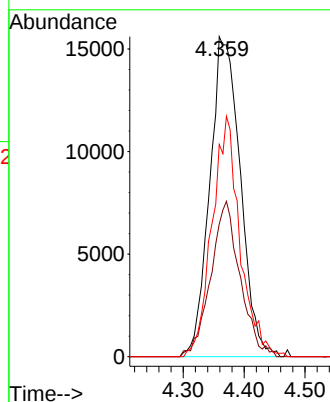
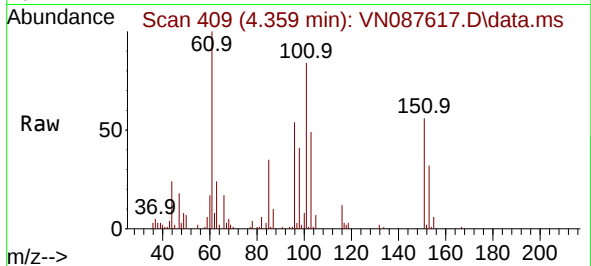




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.261 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
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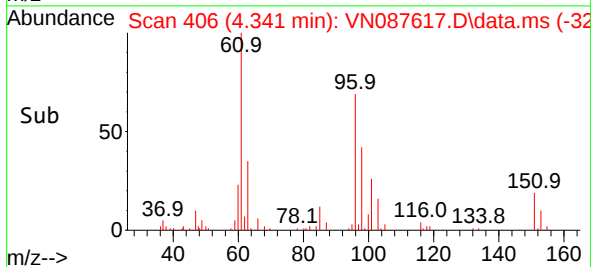
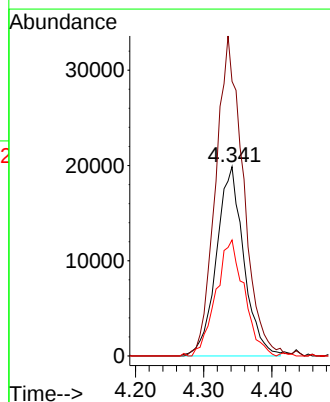
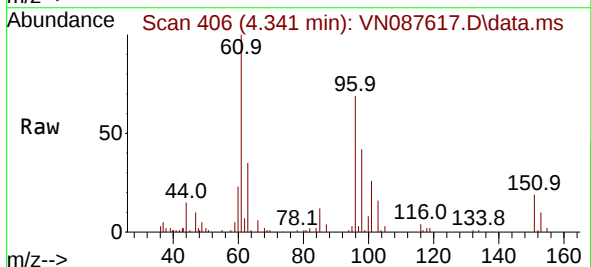
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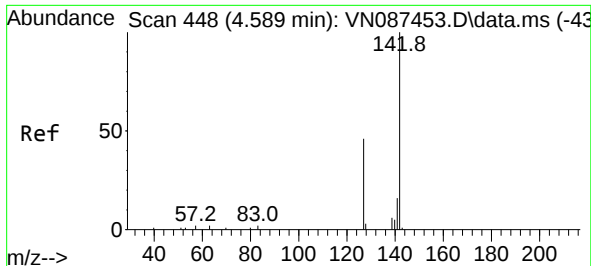
Tgt Ion:101 Resp: 54296
Ion Ratio Lower Upper
101 100
85 45.3 0.0 57.0
151 67.4 0.0 134.2



#10
1,1-Dichloroethene
Concen: 18.693 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 96 Resp: 55352
Ion Ratio Lower Upper
96 100
61 145.0 144.2 216.4
98 61.3 49.7 74.5

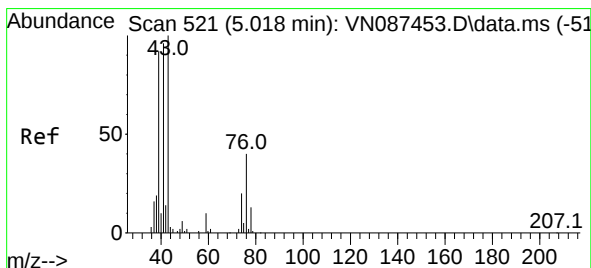
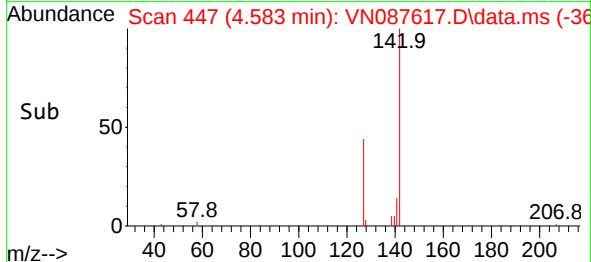
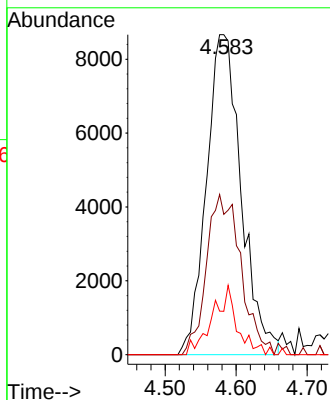
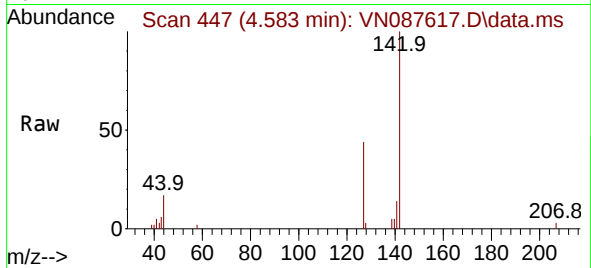




#11
Methyl Iodide
Concen: 12.651 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

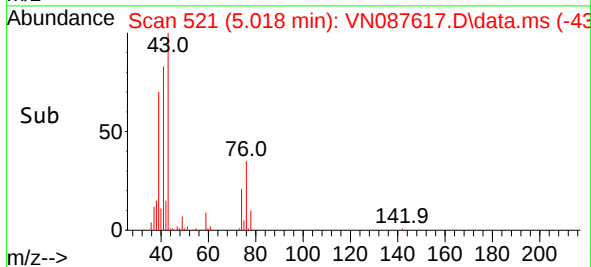
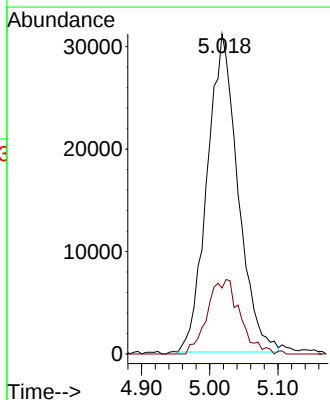
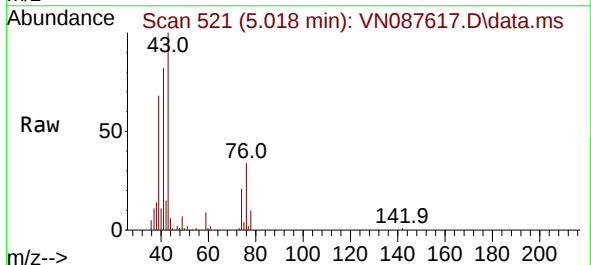
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion:142 Resp: 29496
Ion Ratio Lower Upper
142 100
127 43.0 22.9 68.7
141 13.8 7.7 23.1



#12
Methyl Acetate
Concen: 17.917 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 43 Resp: 97905
Ion Ratio Lower Upper
43 100
74 20.4 16.0 24.0

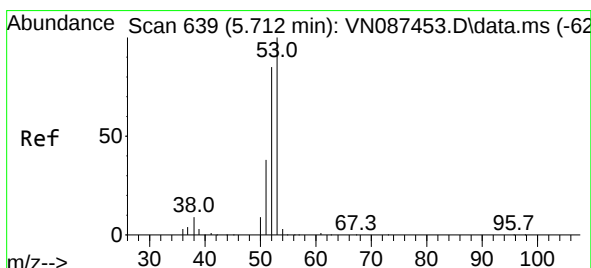
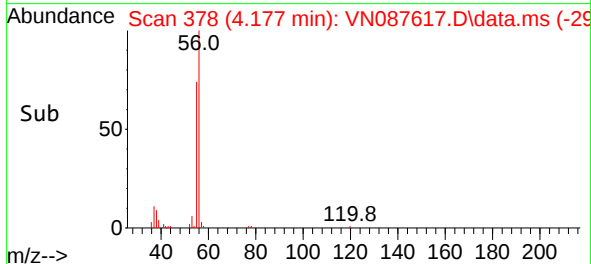
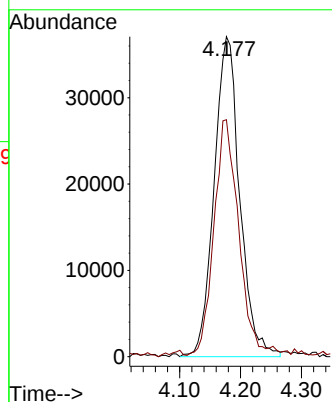
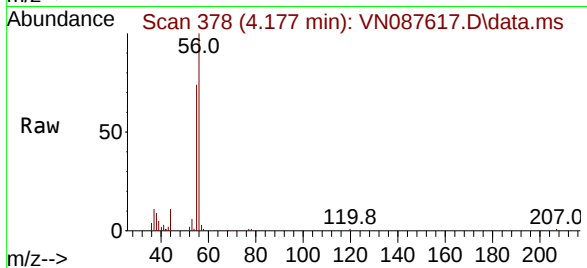




#13
Acrolein
Concen: 129.880 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

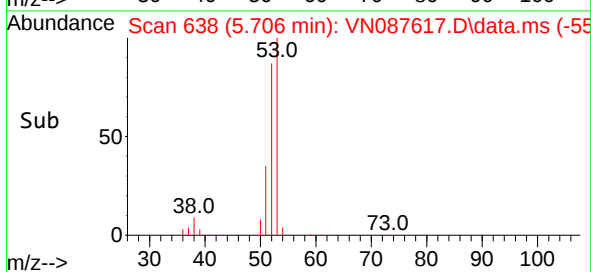
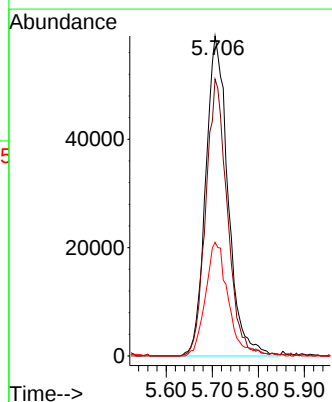
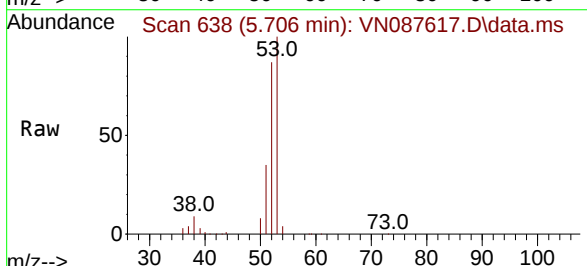
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

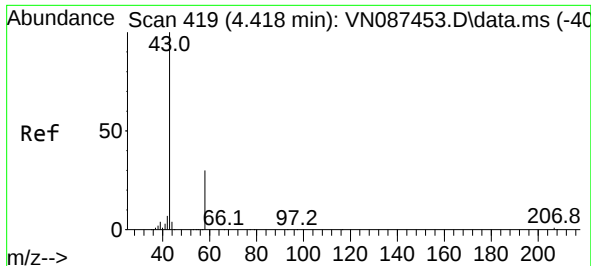
Tgt Ion: 56 Resp: 108396
Ion Ratio Lower Upper
56 100
55 71.3 57.4 86.0



#14
Acrylonitrile
Concen: 83.422 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 53 Resp: 199051
Ion Ratio Lower Upper
53 100
52 82.5 42.4 127.2
51 35.5 18.5 55.5

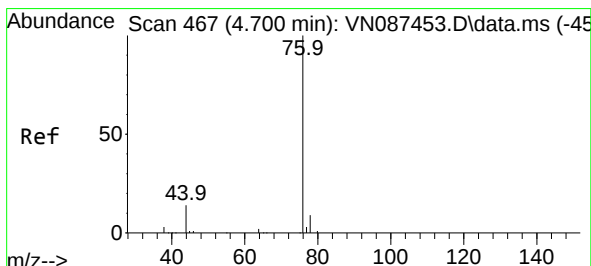
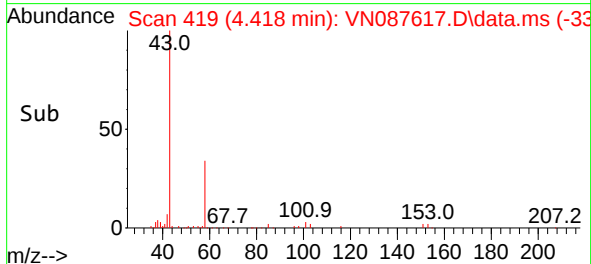
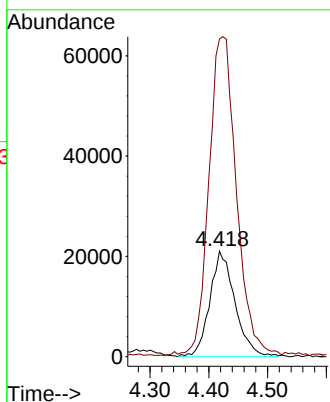
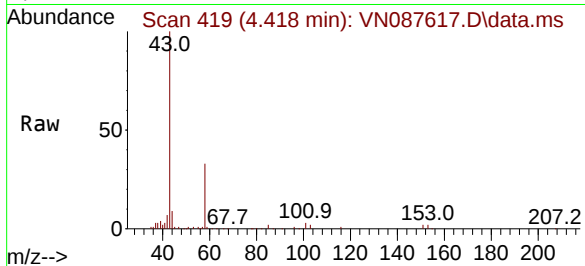




#15
Acetone
Concen: 91.882 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

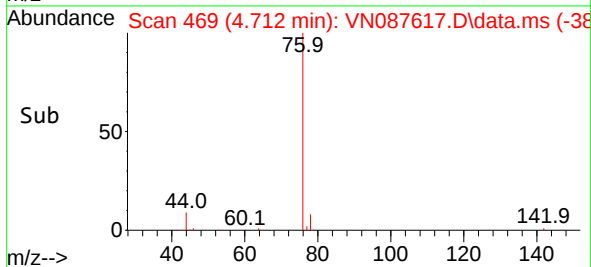
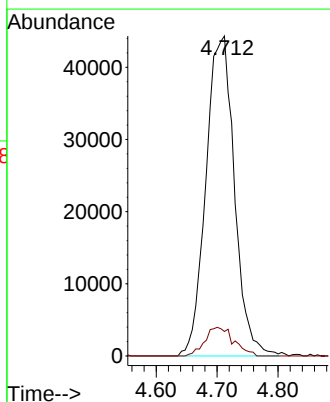
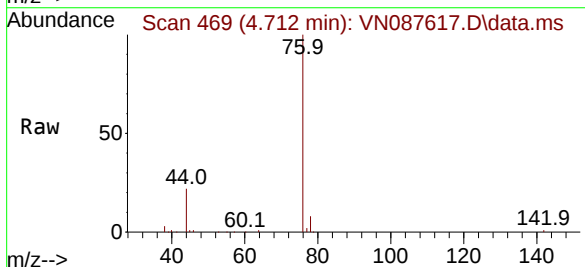
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion: 58 Resp: 62642
Ion Ratio Lower Upper
58 100
43 299.0 268.9 403.3



#16
Carbon Disulfide
Concen: 15.708 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 76 Resp: 144277
Ion Ratio Lower Upper
76 100
78 7.6 7.1 10.7

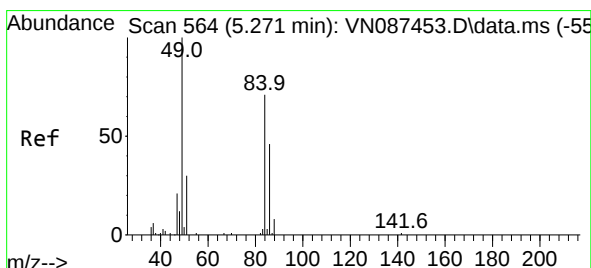
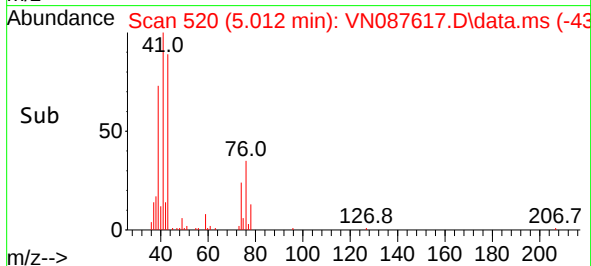
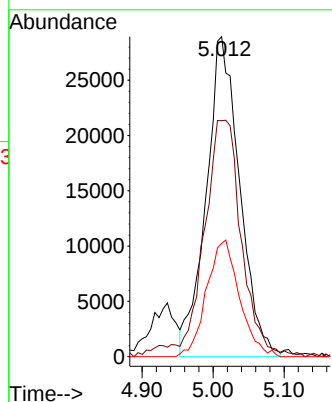
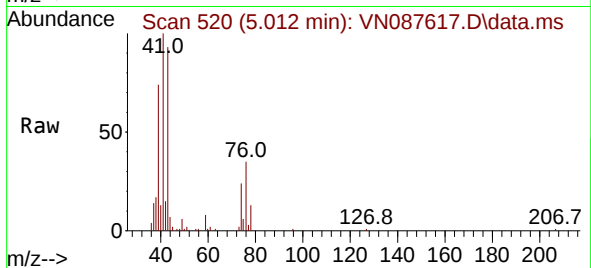




#17
 Allyl chloride
 Concen: 15.708 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

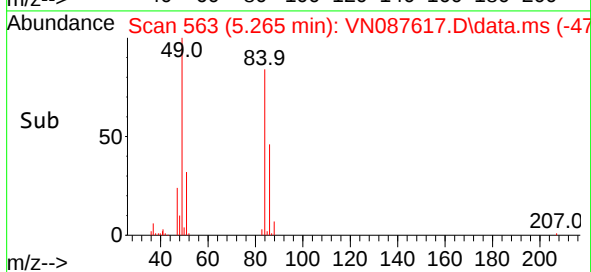
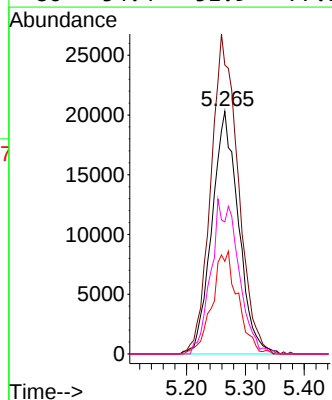
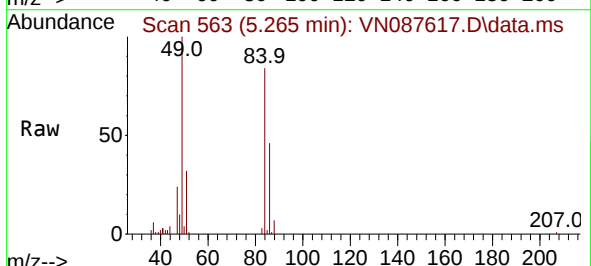
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

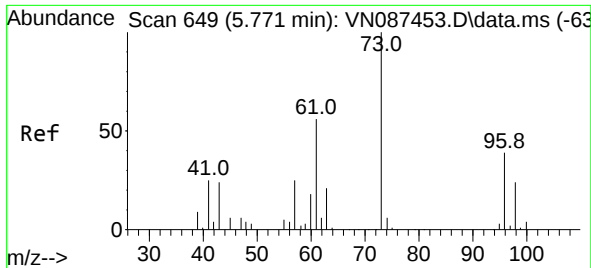
Tgt Ion:	41	Resp:	94805
Ion	Ratio	Lower	Upper
41	100		
39	73.6	42.4	127.2
76	35.9	16.9	50.6



#18
 Methylene Chloride
 Concen: 16.729 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

Tgt Ion:	84	Resp:	63772
Ion	Ratio	Lower	Upper
84	100		
49	119.1	112.9	169.3
51	38.2	33.8	50.8
86	54.4	51.9	77.9

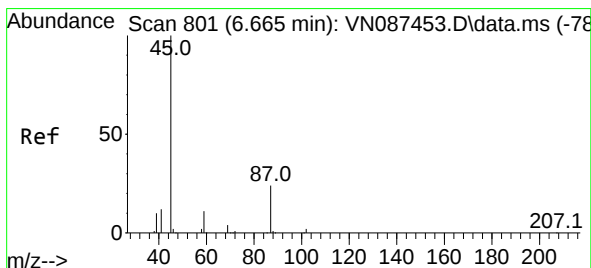
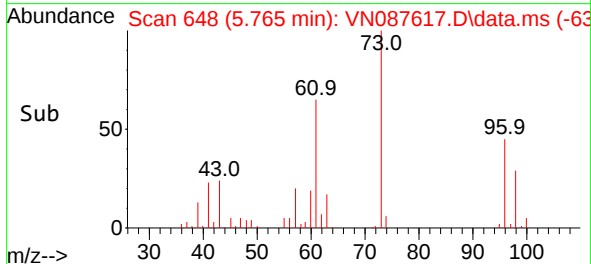
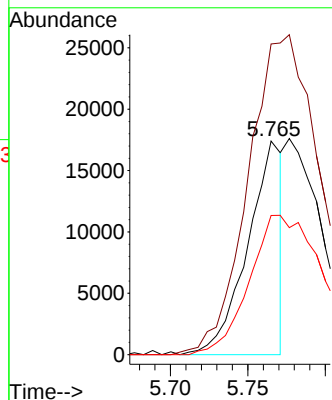
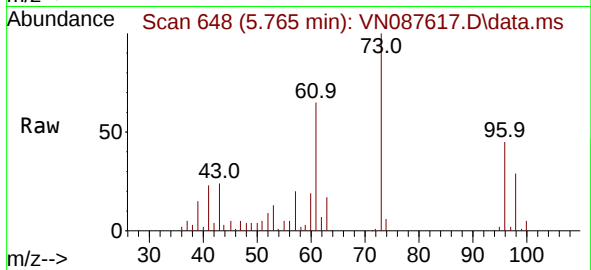




#19
trans-1,2-Dichloroethene
Concen: 7.705 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

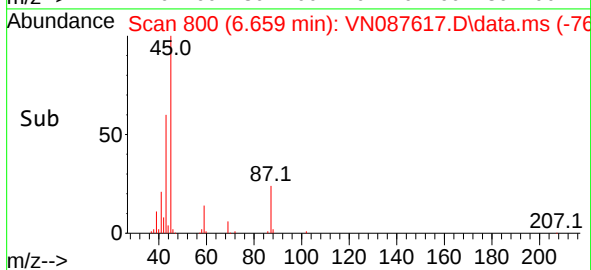
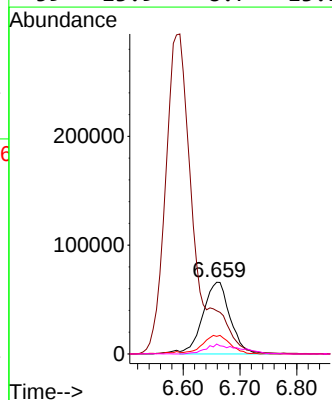
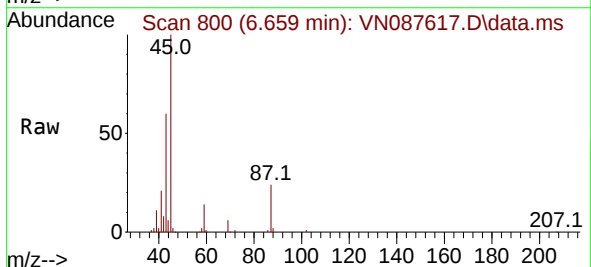
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion: 96 Resp: 27131
Ion Ratio Lower Upper
96 100
61 144.2 114.2 171.4
98 65.2 48.7 73.1



#20
Diisopropyl ether
Concen: 15.839 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 45 Resp: 217772
Ion Ratio Lower Upper
45 100
43 59.6 44.7 67.1
87 24.5 20.2 30.2
59 13.9 8.7 13.1#

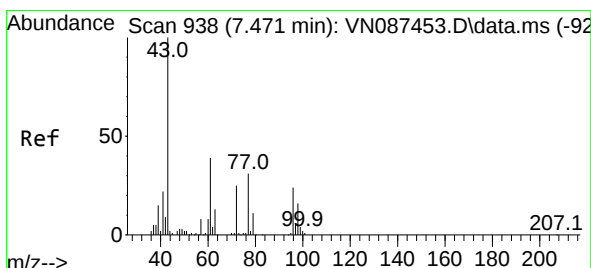
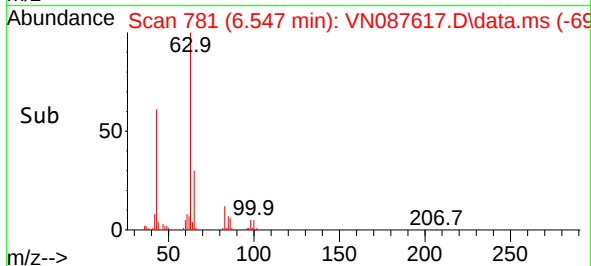
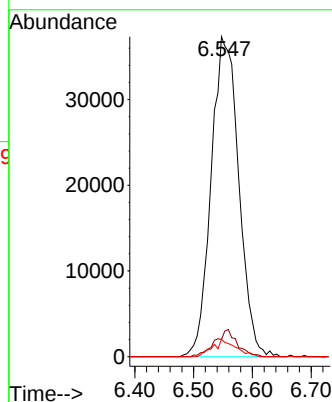
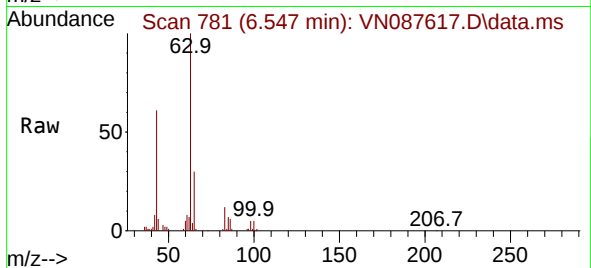




#21
1,1-Dichloroethane
Concen: 17.167 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

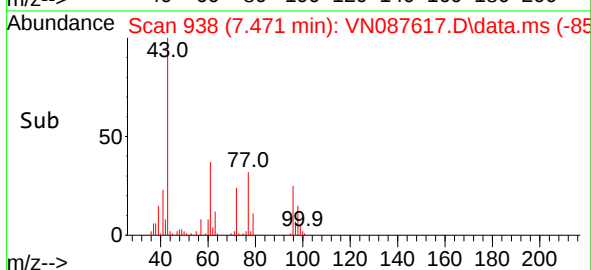
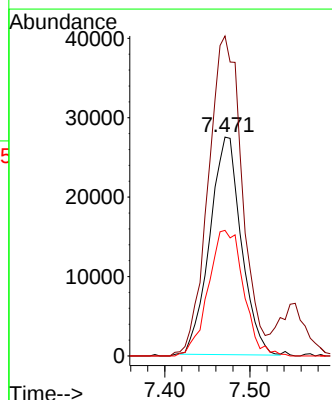
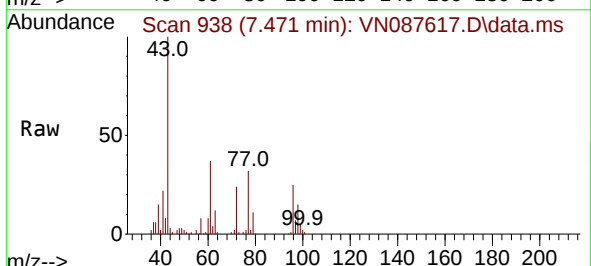
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion: 63 Resp: 122011
Ion Ratio Lower Upper
63 100
98 5.4 3.0 9.0
100 5.4 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 16.254 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 96 Resp: 70424
Ion Ratio Lower Upper
96 100
61 157.4 126.6 190.0
98 41.9 50.9 76.3#

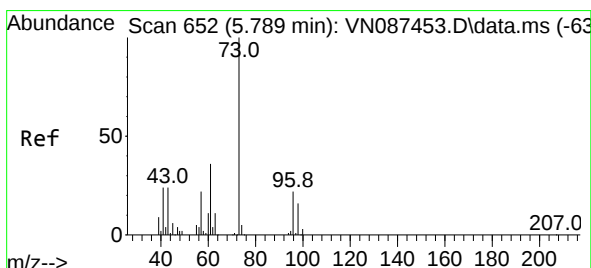
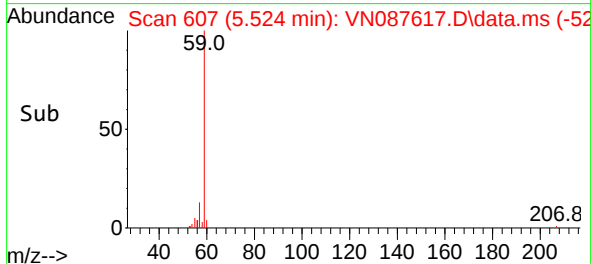
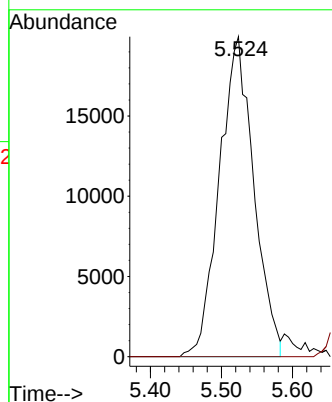
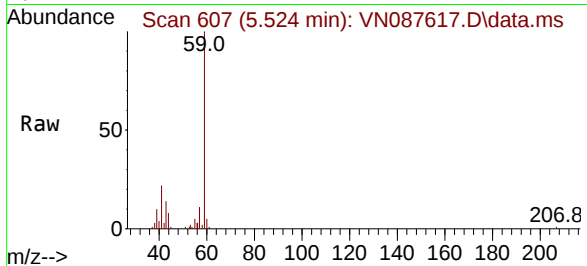




#23
tert-Butyl Alcohol
Concen: 66.122 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

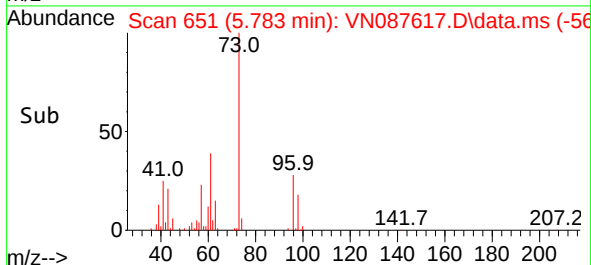
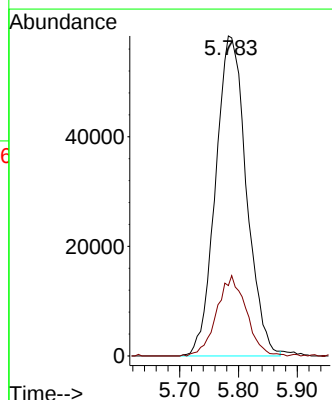
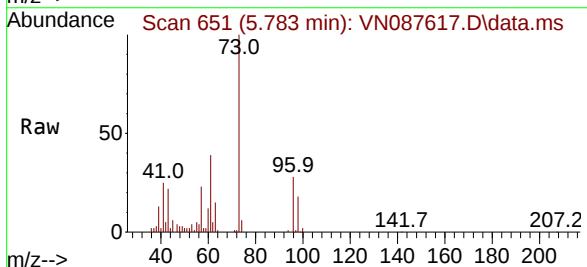
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

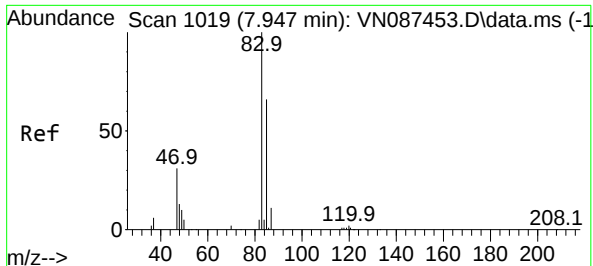
Tgt Ion: 59 Resp: 67042
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 15.766 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 73 Resp: 212733
Ion Ratio Lower Upper
73 100
43 23.8 19.9 29.9

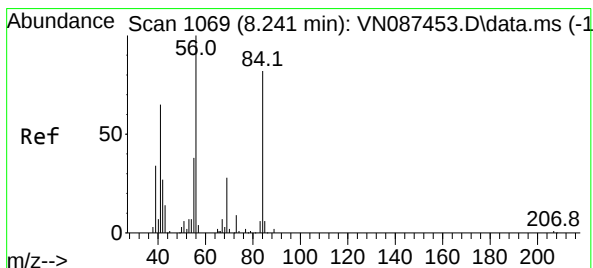
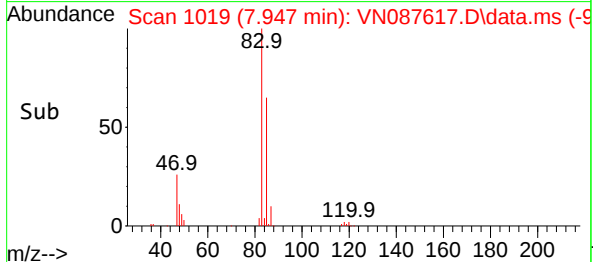
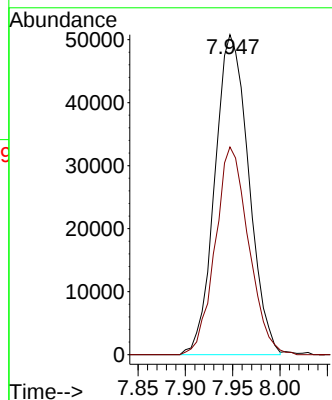
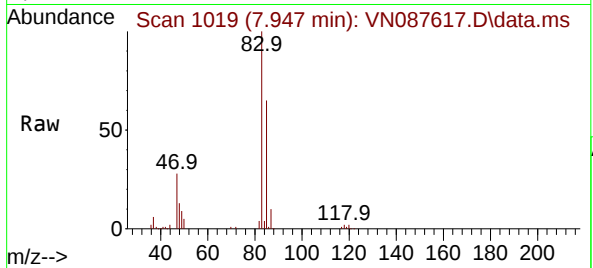




#25
Chloroform
Concen: 17.011 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

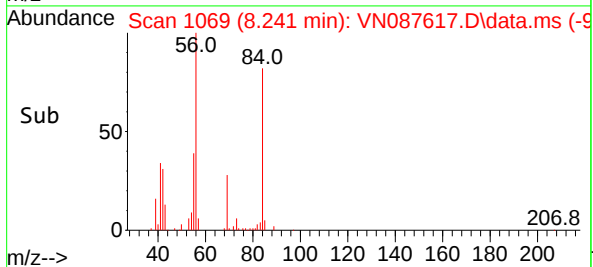
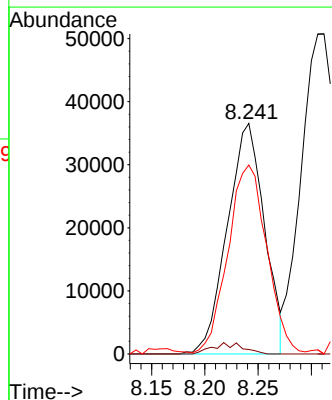
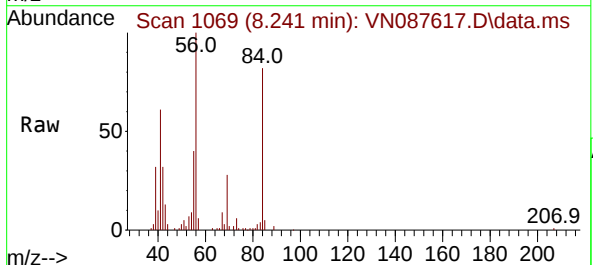
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

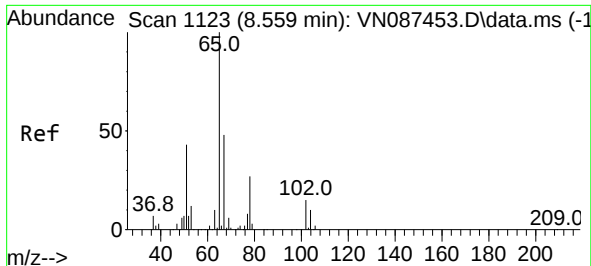
Tgt Ion: 83 Resp: 126199
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8



#26
Cyclohexane
Concen: 15.565 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 56 Resp: 88571
Ion Ratio Lower Upper
56 100
89 2.7 2.3 3.5
84 86.1 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 29.884 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

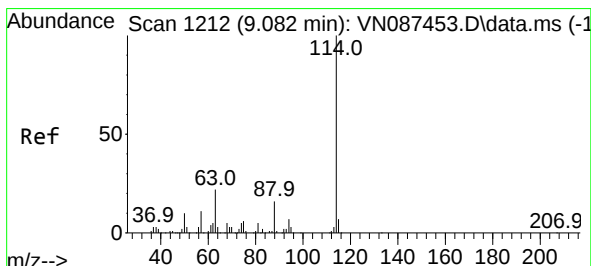
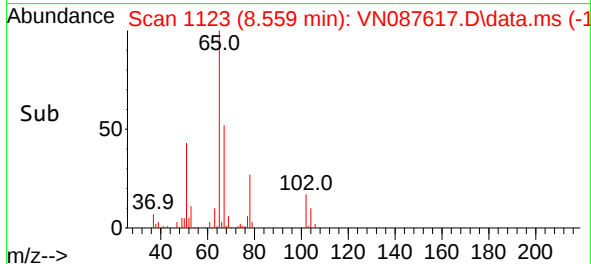
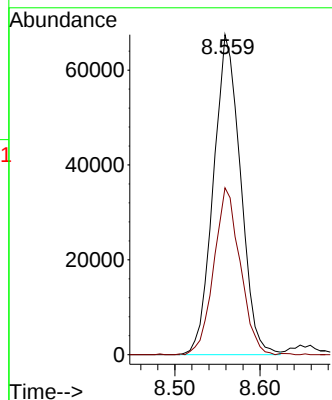
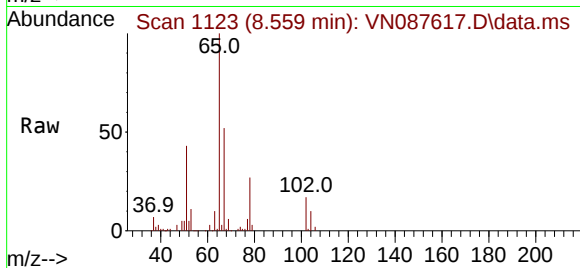
VN0821WBSD01

Tgt Ion: 65 Resp: 149020

Ion Ratio Lower Upper

65 100

67 50.5 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

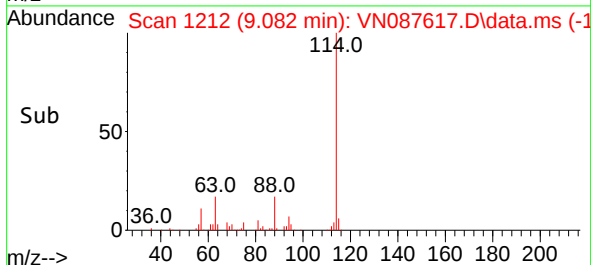
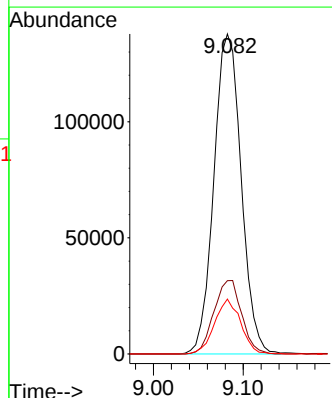
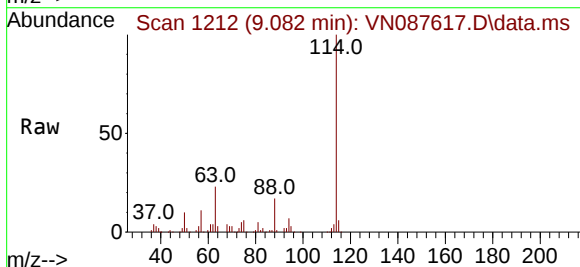
Tgt Ion: 114 Resp: 291100

Ion Ratio Lower Upper

114 100

63 23.3 18.9 28.3

88 16.4 13.1 19.7

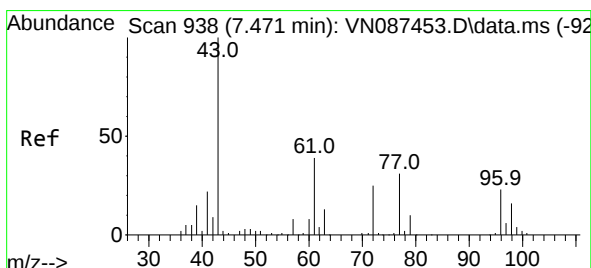
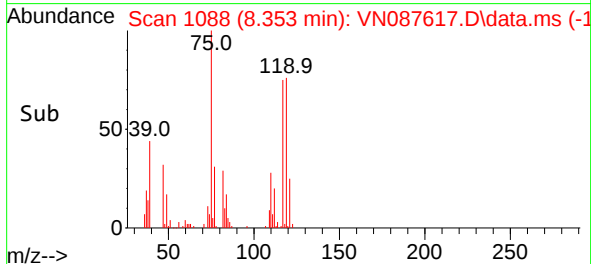
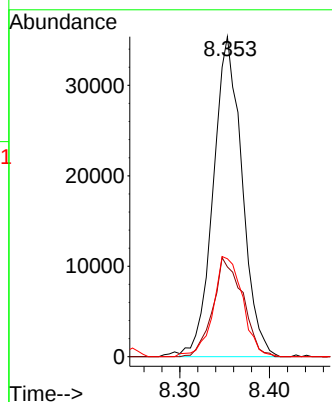
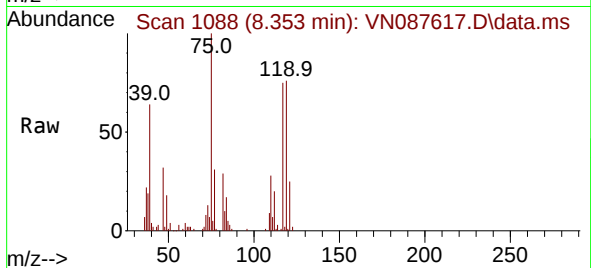




#29
1,1-Dichloropropene
Concen: 16.587 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

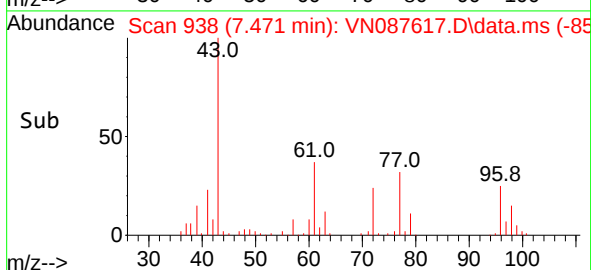
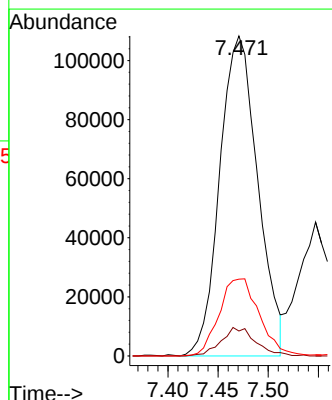
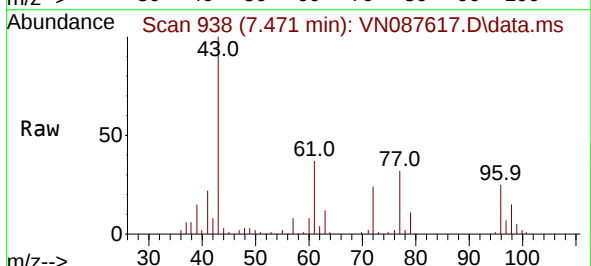
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

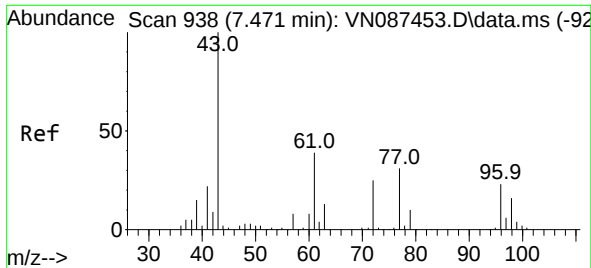
Tgt Ion: 75	Resp: 78754
Ion Ratio	Lower Upper
75	100
110	31.8 0.0 65.8
77	31.6 0.0 63.6



#30
2-Butanone
Concen: 81.615 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 43	Resp: 285629
Ion Ratio	Lower Upper
43	100
57	8.0 6.6 9.8
72	25.6 19.7 29.5

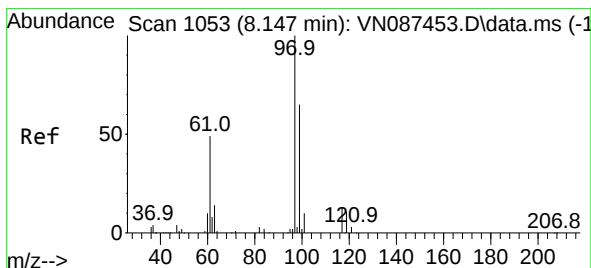
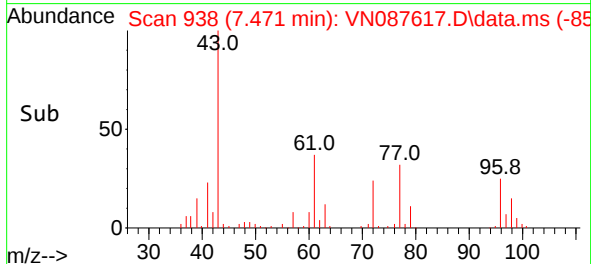
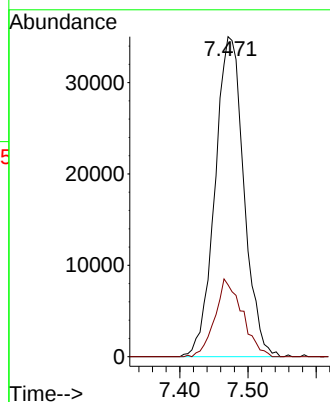
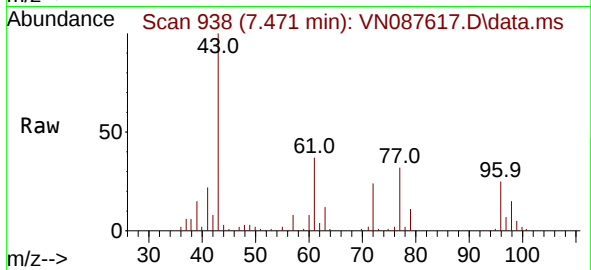




#31
2,2-Dichloropropane
Concen: 16.847 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

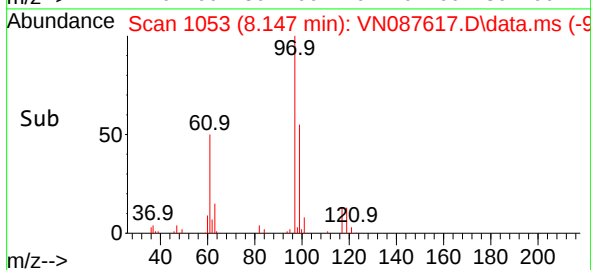
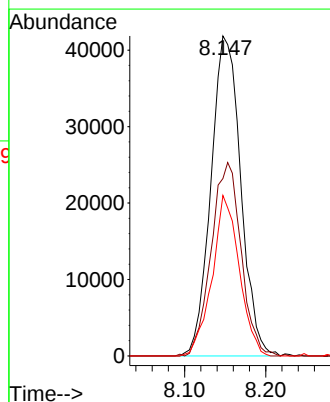
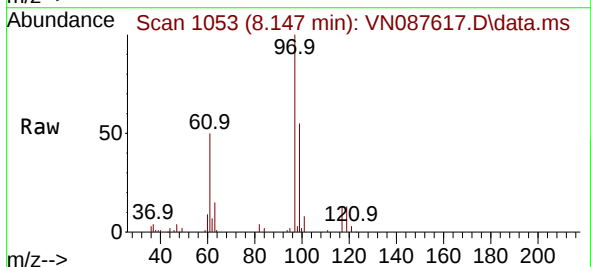
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion: 77 Resp: 103161
Ion Ratio Lower Upper
77 100
97 23.0 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 17.638 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 97 Resp: 106807
Ion Ratio Lower Upper
97 100
99 60.4 53.0 79.6
61 45.6 40.6 61.0

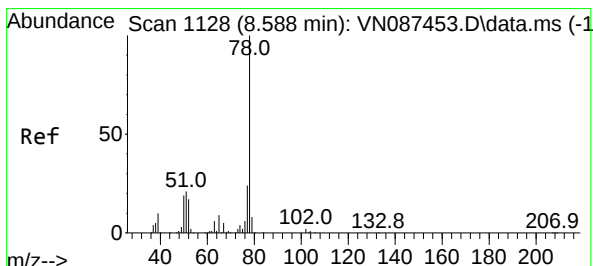
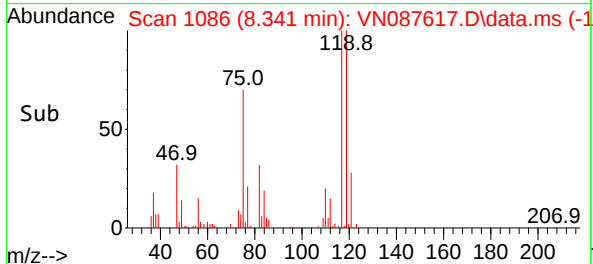
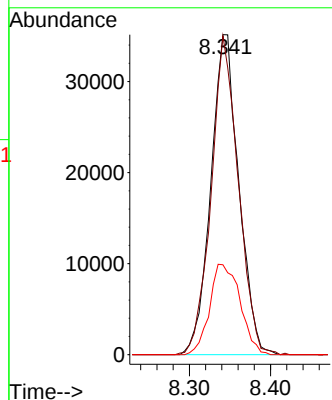
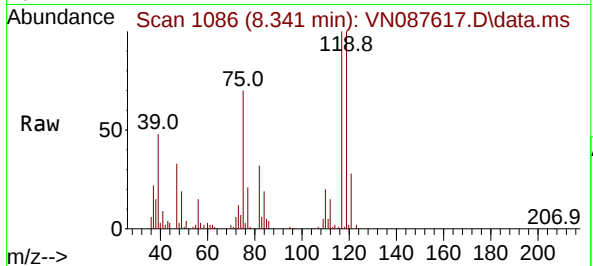




#33
Carbon Tetrachloride
Concen: 16.757 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

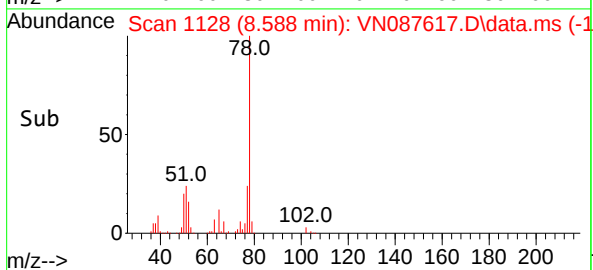
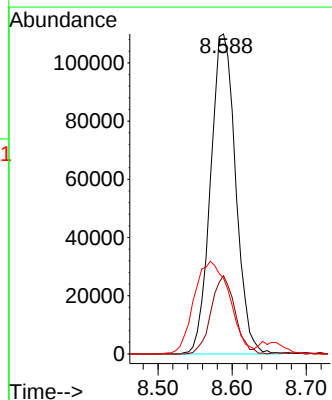
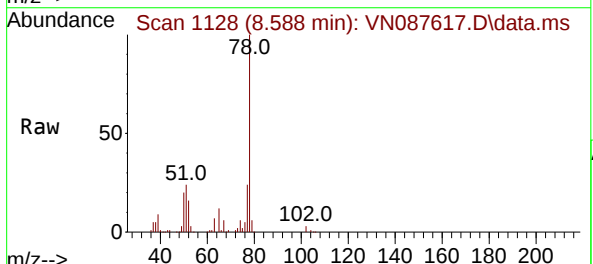
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion:117 Resp: 84296
Ion Ratio Lower Upper
117 100
119 99.6 73.4 110.0
121 28.1 21.1 31.7



#34
Benzene
Concen: 17.265 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 78 Resp: 258754
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8
51 21.4 16.9 25.3

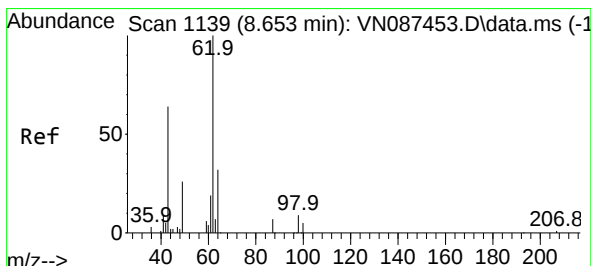
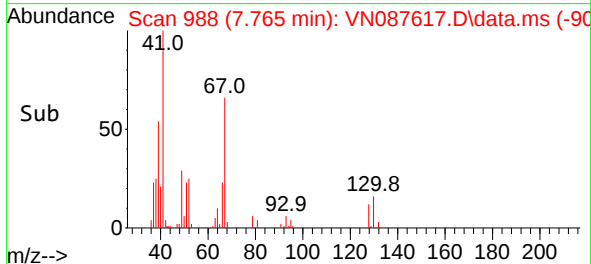
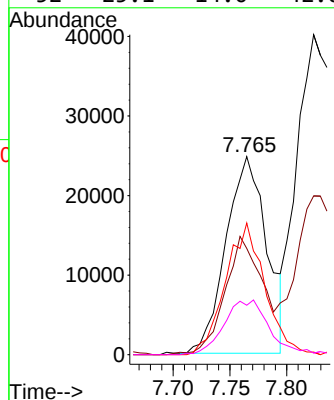
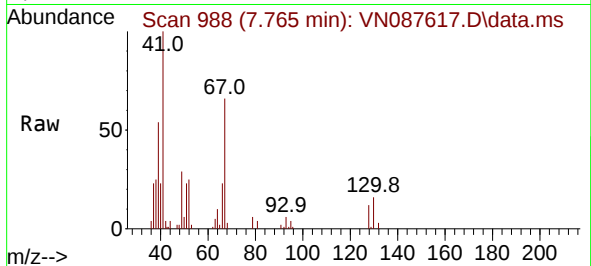




#35
Methacrylonitrile
Concen: 16.334 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

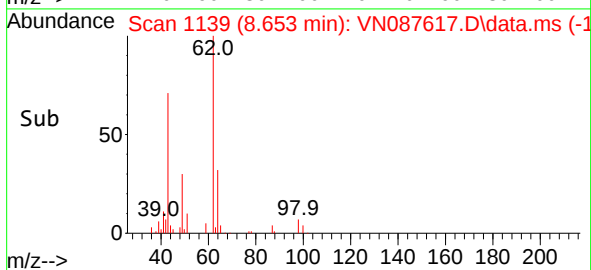
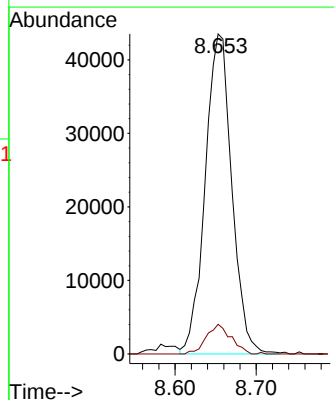
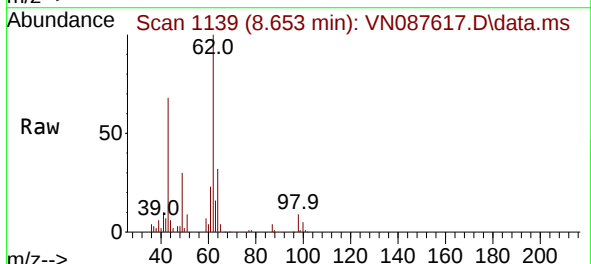
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Tgt Ion:	41	Resp:	61688
Ion	Ratio	Lower	Upper
41	100		
39	52.8	30.1	90.5
67	66.9	32.0	96.2
52	25.1	14.0	42.0



#36
1,2-Dichloroethane
Concen: 16.369 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:	62	Resp:	99157
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.6	9.8





#37

Trichloroethene

Concen: 17.393 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

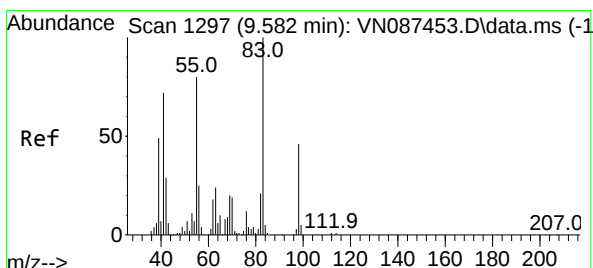
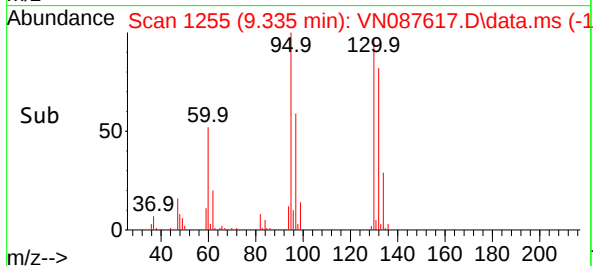
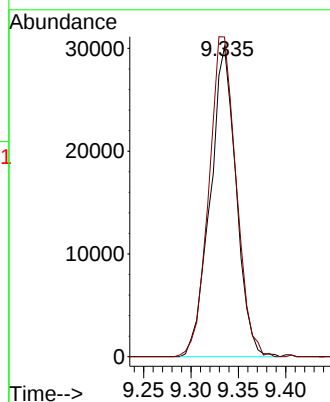
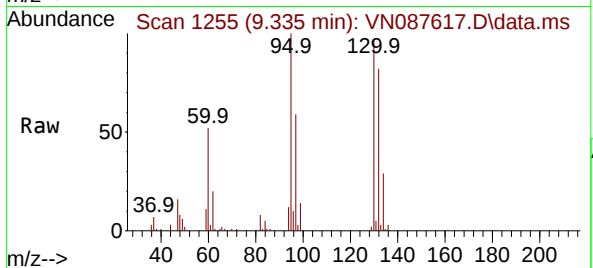
VN0821WBSD01

Tgt Ion:130 Resp: 57421

Ion Ratio Lower Upper

130 100

95 103.2 91.4 137.2



#38

Methylcyclohexane

Concen: 15.753 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

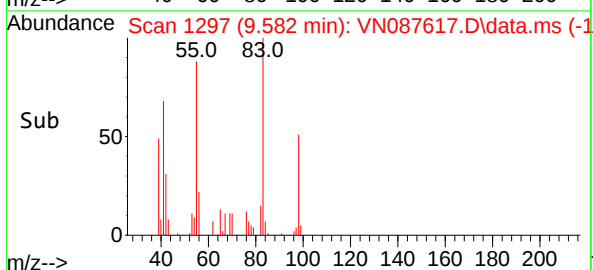
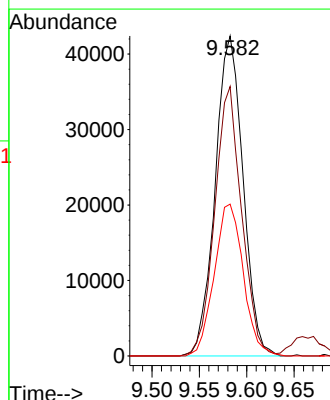
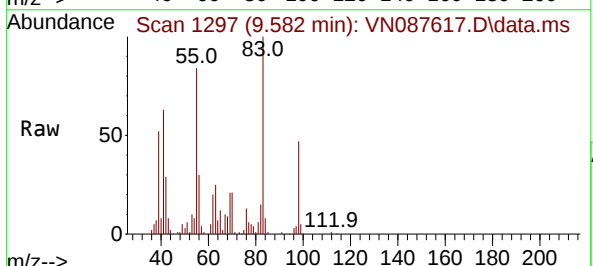
Tgt Ion: 83 Resp: 86770

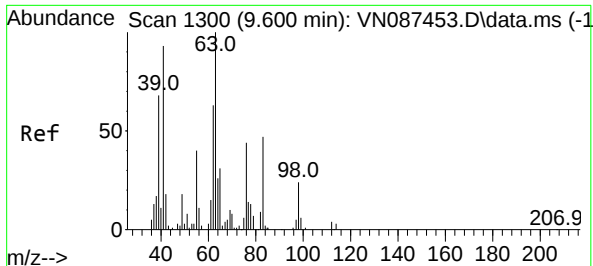
Ion Ratio Lower Upper

83 100

55 81.3 41.2 123.6

98 49.5 23.3 69.9

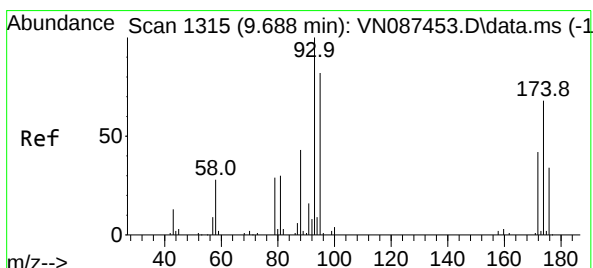
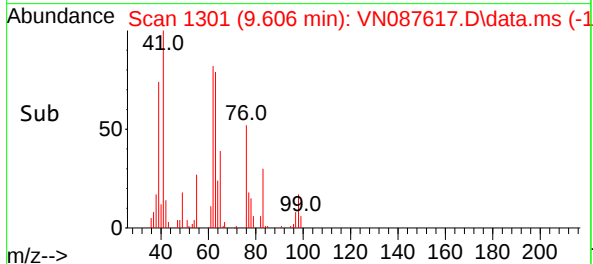
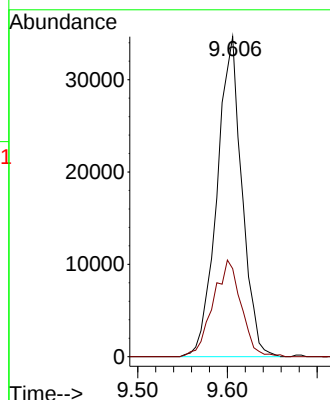
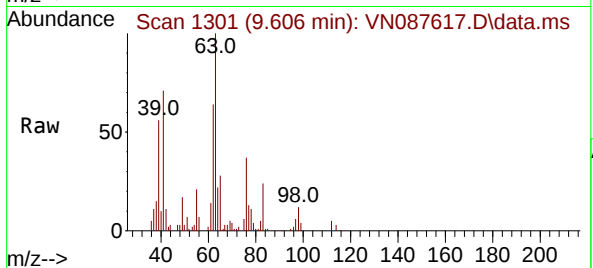




#39
1,2-Dichloropropane
Concen: 17.415 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

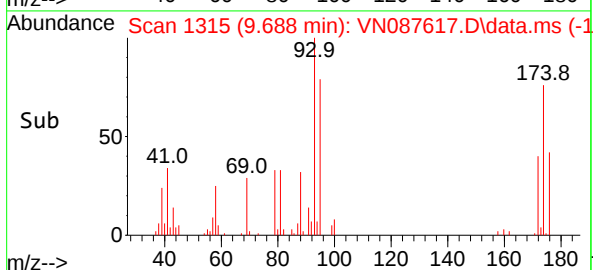
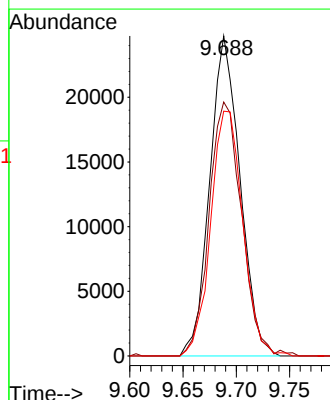
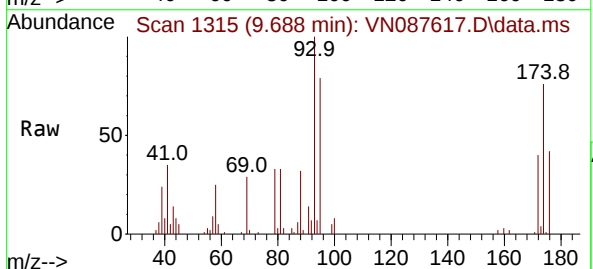
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

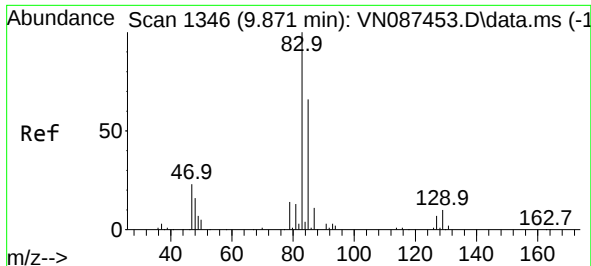
Tgt Ion: 63 Resp: 66920
Ion Ratio Lower Upper
63 100
65 27.5 24.6 36.8



#40
Dibromomethane
Concen: 16.944 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 93 Resp: 48853
Ion Ratio Lower Upper
93 100
95 84.6 0.0 161.6
174 80.8 0.0 151.4

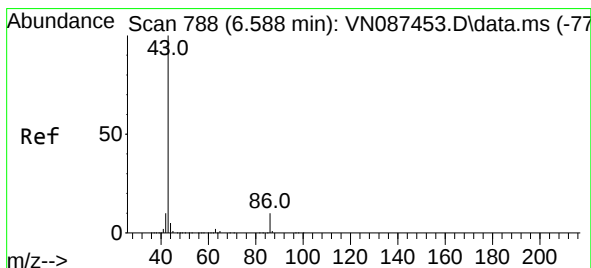
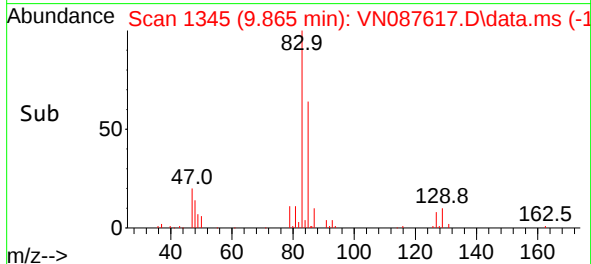
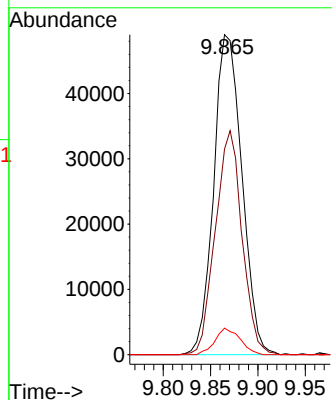
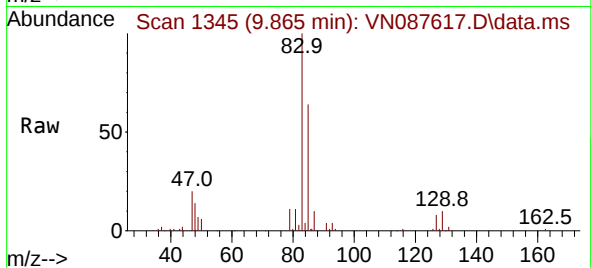




#41
Bromodichloromethane
Concen: 16.984 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

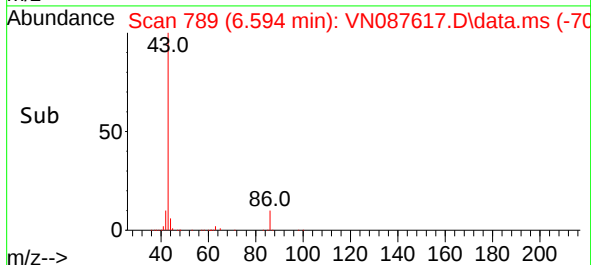
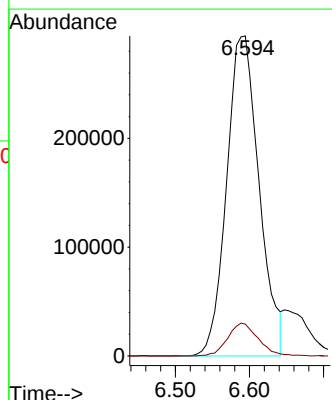
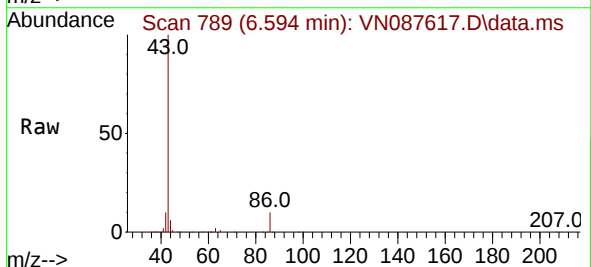
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

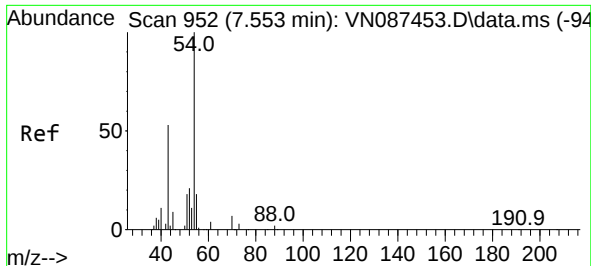
Tgt Ion: 83 Resp: 101750
Ion Ratio Lower Upper
83 100
85 64.3 52.9 79.3
127 8.3 5.8 8.6



#42
Vinyl Acetate
Concen: 77.763 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 43 Resp: 896242
Ion Ratio Lower Upper
43 100
86 9.6 7.3 10.9

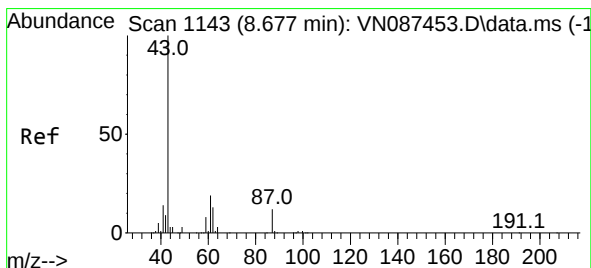
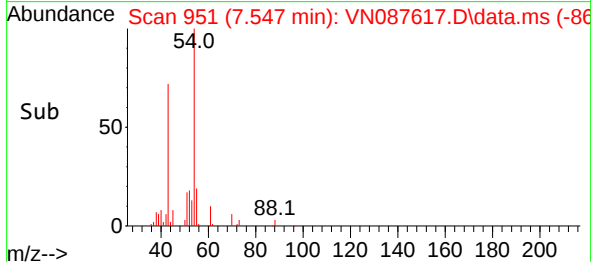
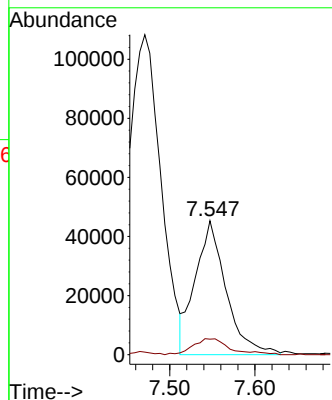
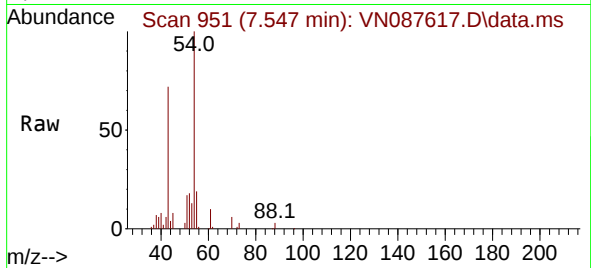




#43
Ethyl Acetate
Concen: 16.878 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

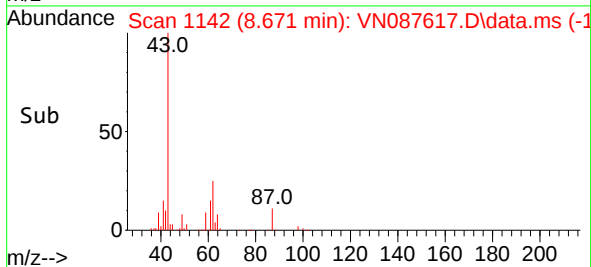
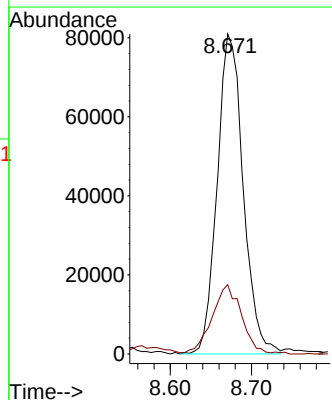
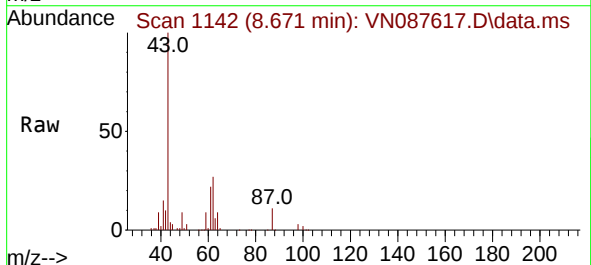
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

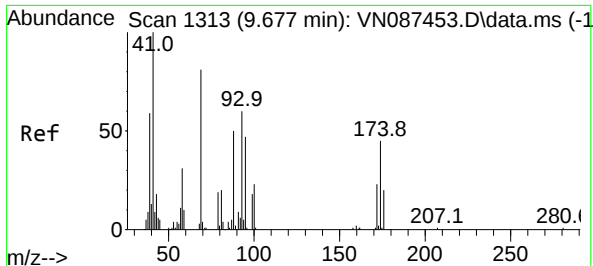
Tgt Ion: 43 Resp: 114115
Ion Ratio Lower Upper
43 100
45 11.5 11.1 16.7



#44
Isopropyl Acetate
Concen: 15.748 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 43 Resp: 180480
Ion Ratio Lower Upper
43 100
61 24.4 18.6 28.0





#45

1,4-Dioxane

Concen: 320.893 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD01

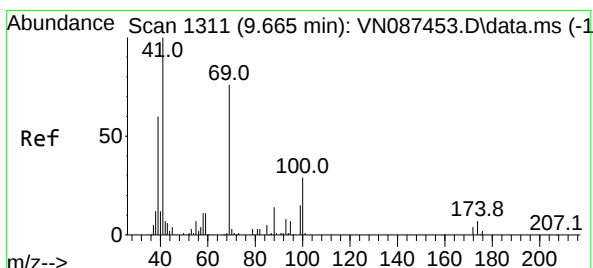
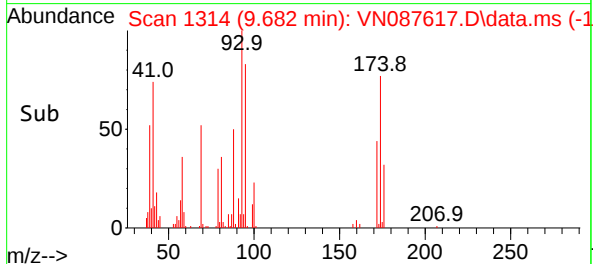
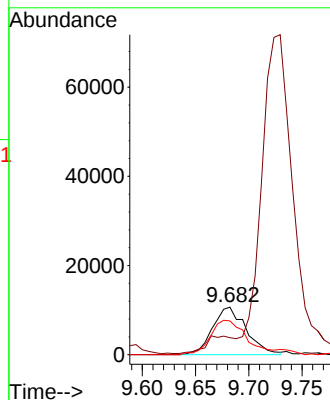
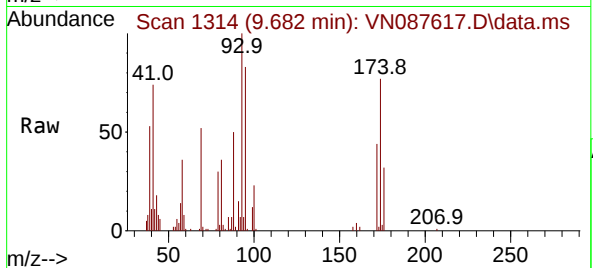
Tgt Ion: 88 Resp: 23445

Ion Ratio Lower Upper

88 100

43 15.9 24.1 36.1#

58 77.0 57.2 85.8



#46

Methyl methacrylate

Concen: 15.126 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

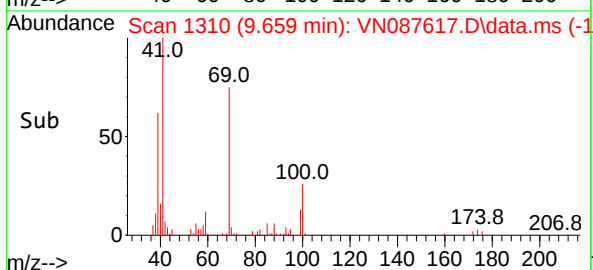
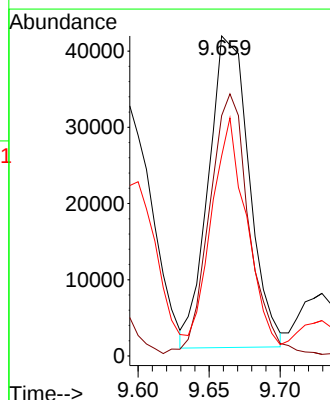
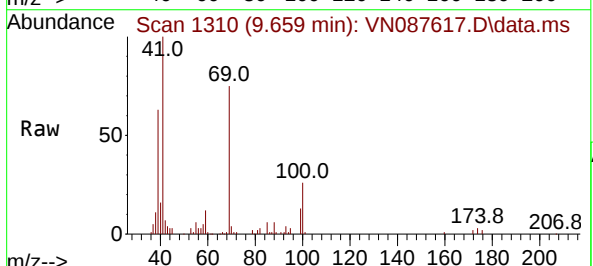
Tgt Ion: 41 Resp: 81827

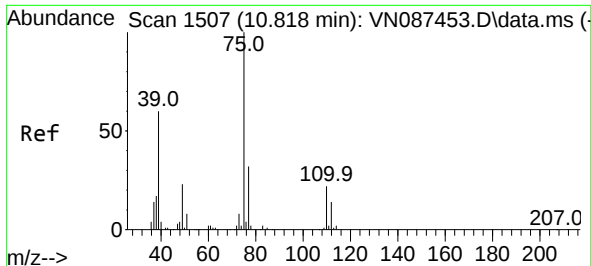
Ion Ratio Lower Upper

41 100

69 78.7 37.1 111.5

39 63.5 30.7 92.1

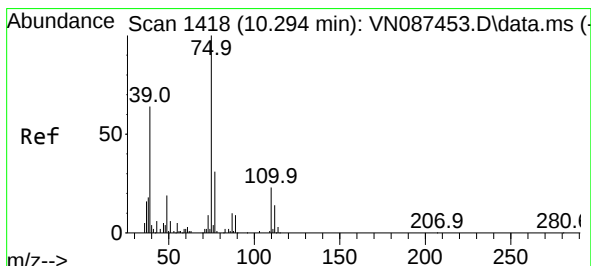
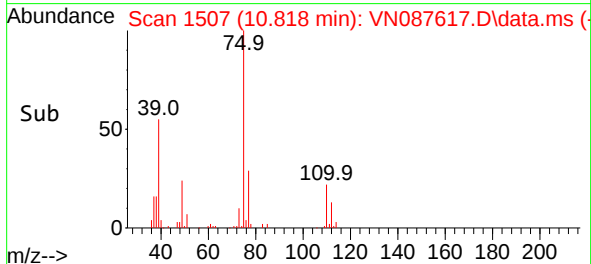
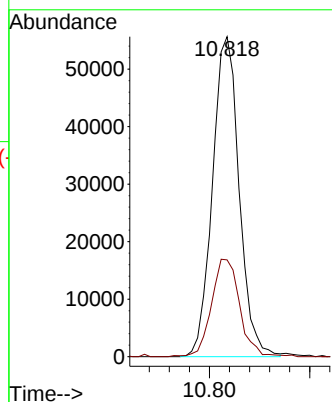
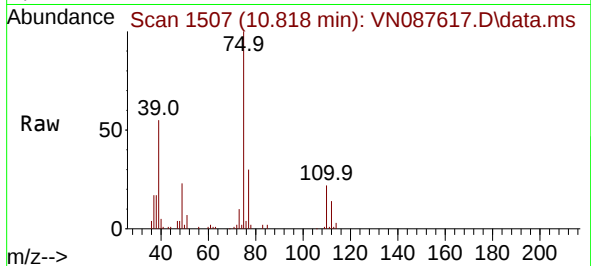




#48
t-1,3-Dichloropropene
Concen: 15.776 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

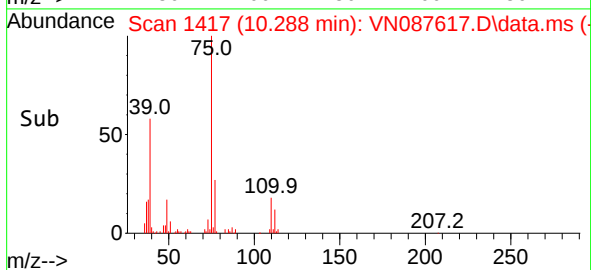
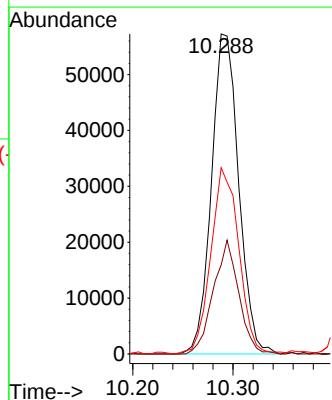
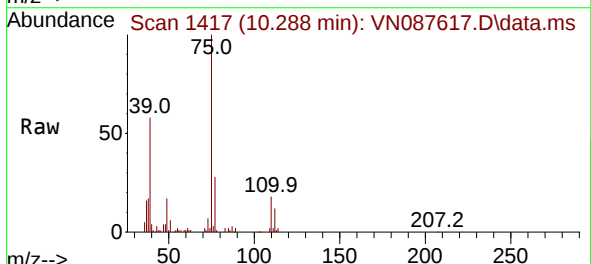
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

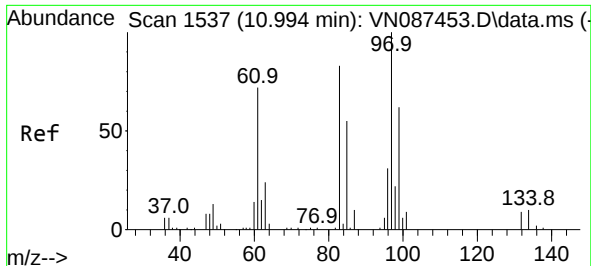
Tgt Ion: 75 Resp: 102827
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 16.486 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 75 Resp: 108136
Ion Ratio Lower Upper
75 100
77 27.8 24.6 36.8
39 57.8 51.5 77.3

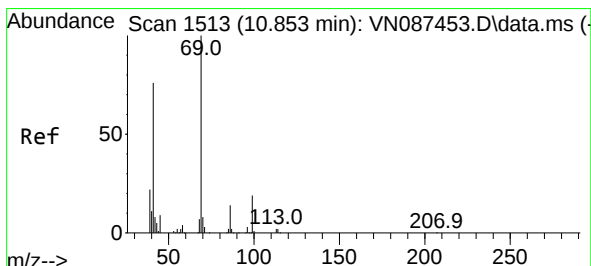
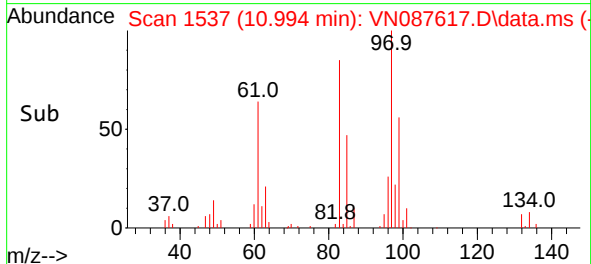
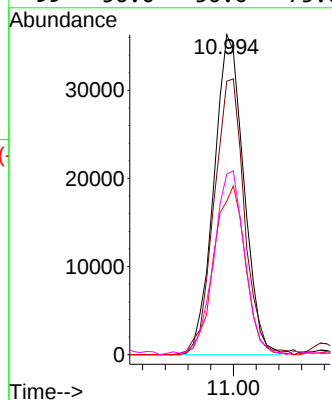
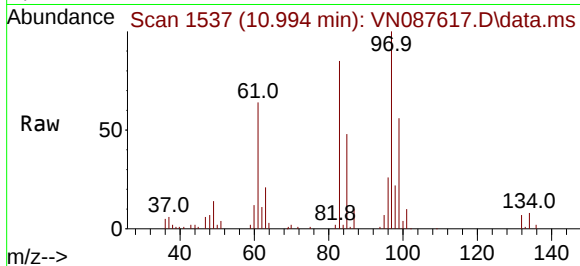




#50
1,1,2-Trichloroethane
Concen: 18.187 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

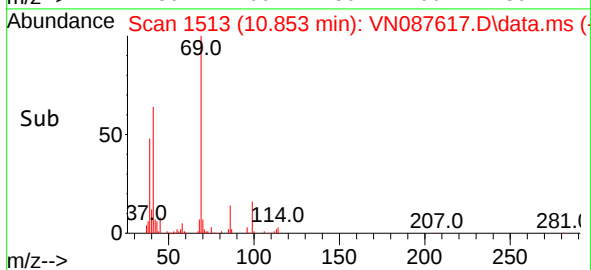
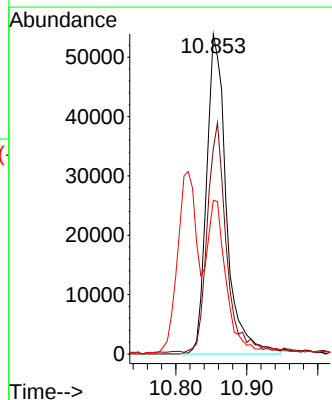
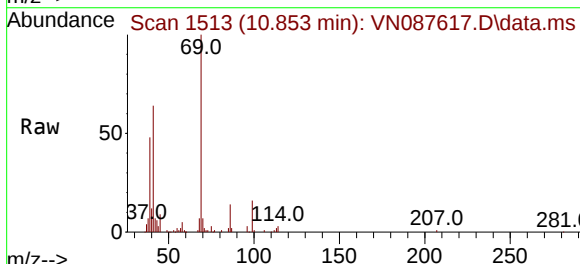
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

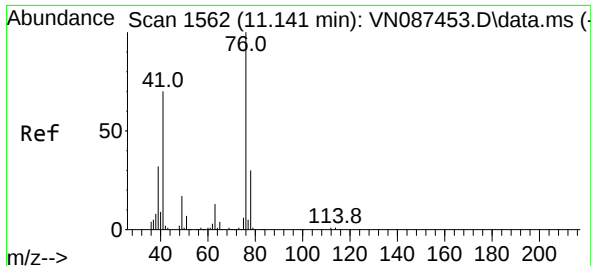
Tgt Ion:	97	Resp:	66250
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.2
85	48.0	43.9	65.9
99	56.0	50.0	75.0



#51
Ethyl methacrylate
Concen: 16.249 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:	69	Resp:	104244
Ion	Ratio	Lower	Upper
69	100		
41	63.3	38.0	114.1
39	46.7	23.2	69.5

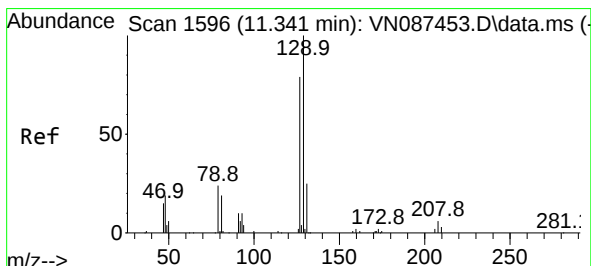
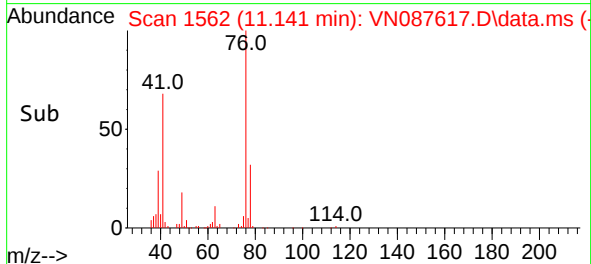
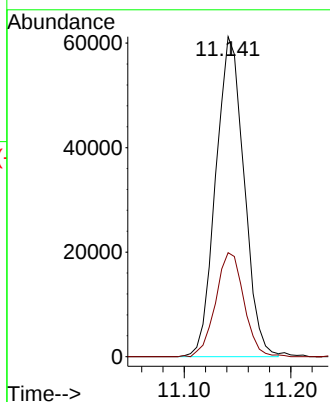
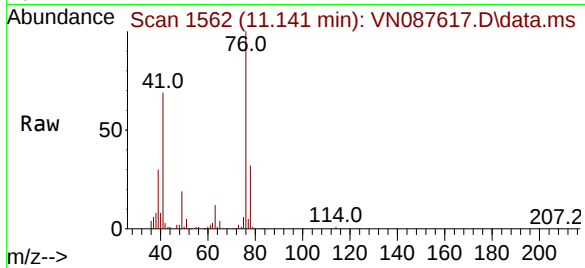




#52
1,3-Dichloropropane
Concen: 17.204 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

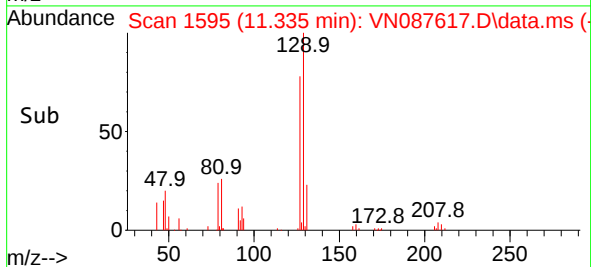
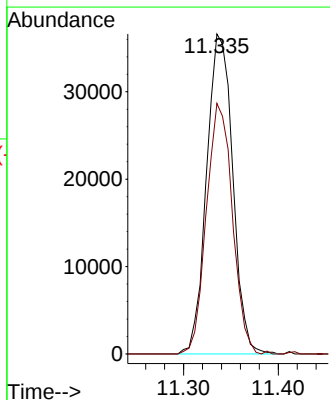
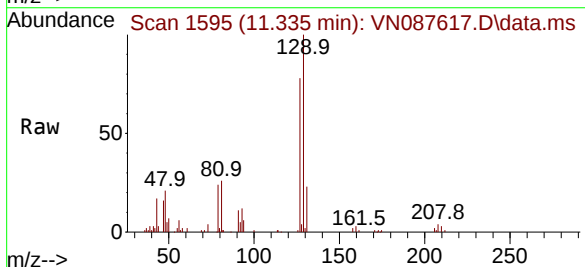
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

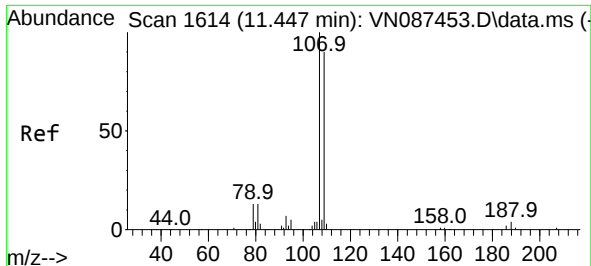
Tgt Ion: 76 Resp: 112905
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.0



#53
Dibromochloromethane
Concen: 16.645 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 129 Resp: 70022
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

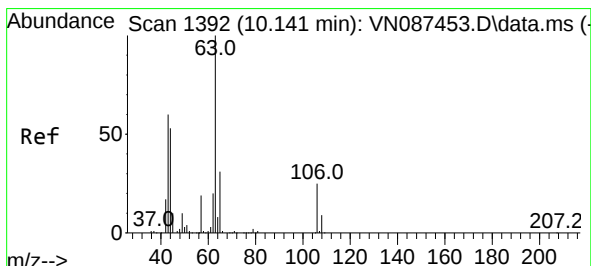
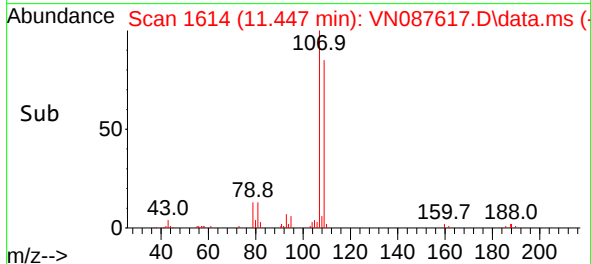
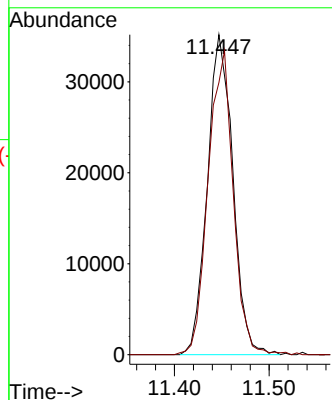
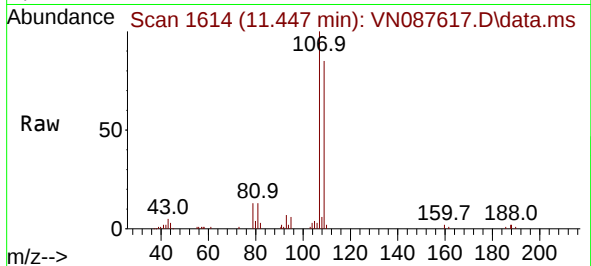




#54
1,2-Dibromoethane
Concen: 17.035 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

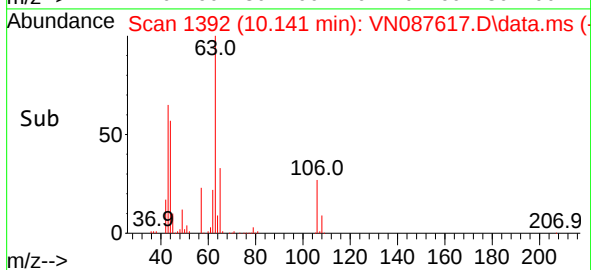
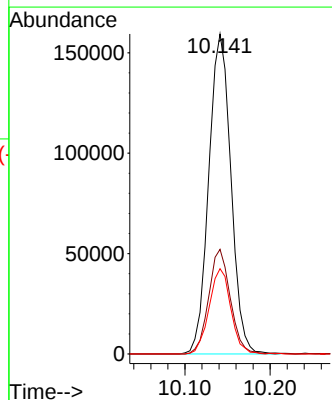
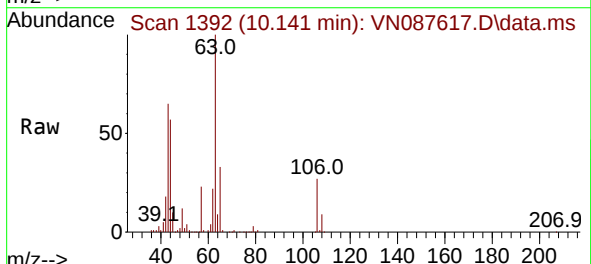
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

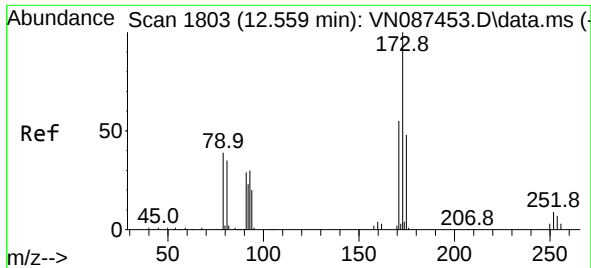
Tgt Ion:107 Resp: 65874
Ion Ratio Lower Upper
107 100
109 93.1 74.2 111.4



#55
2-Chloroethyl vinyl ether
Concen: 85.294 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 63 Resp: 288062
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 26.1 20.7 31.1

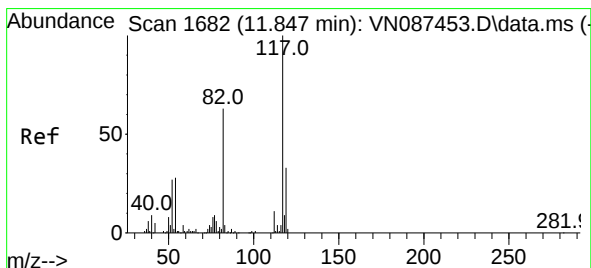
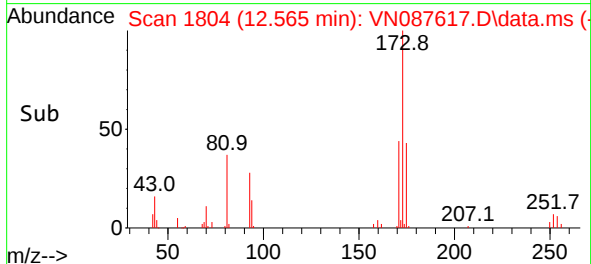
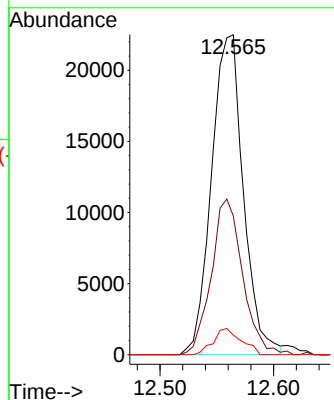
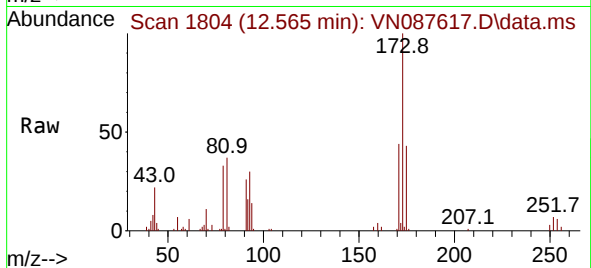




#56
Bromoform
Concen: 15.775 ug/l
RT: 12.565 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

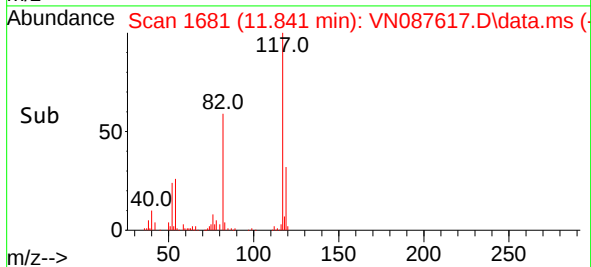
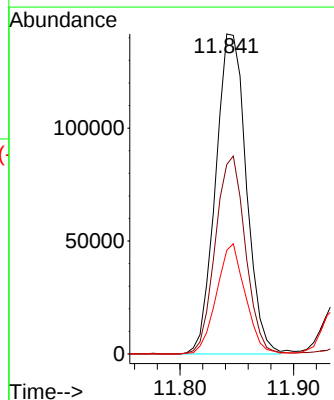
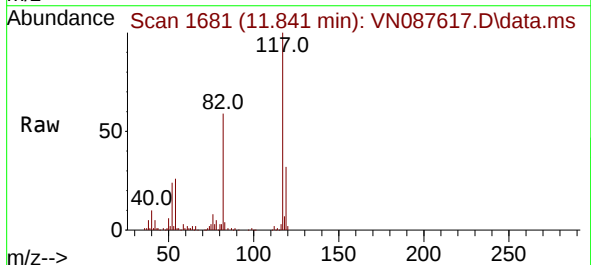
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

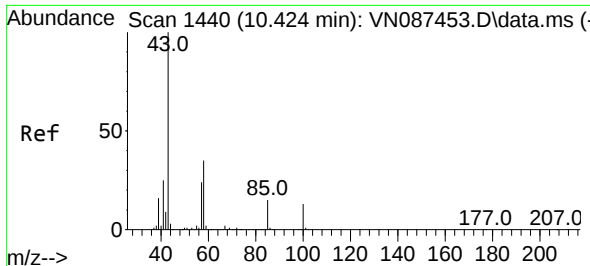
Tgt Ion:173 Resp: 43896
Ion Ratio Lower Upper
173 100
175 47.8 38.8 58.2
254 7.2 3.9 5.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:117 Resp: 266004
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.3 25.7 38.5

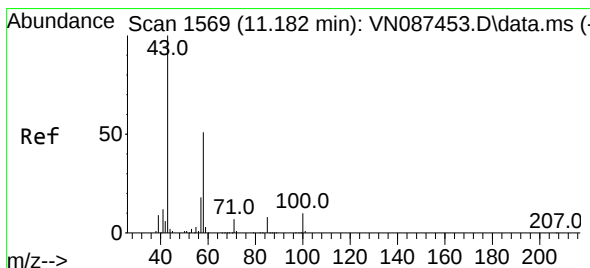
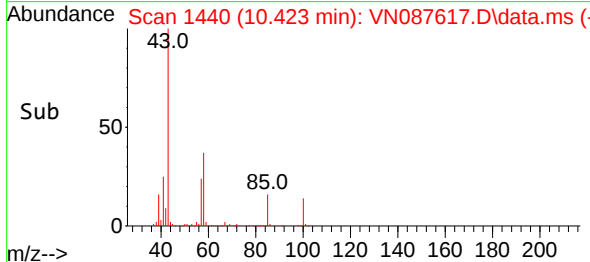
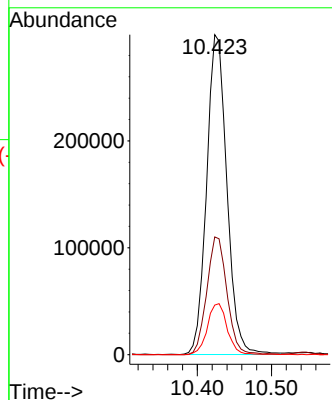
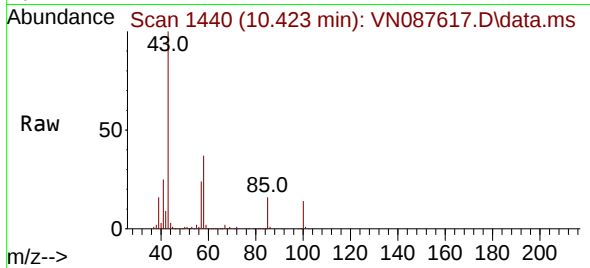




#58
4-Methyl-2-Pentanone
Concen: 82.998 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

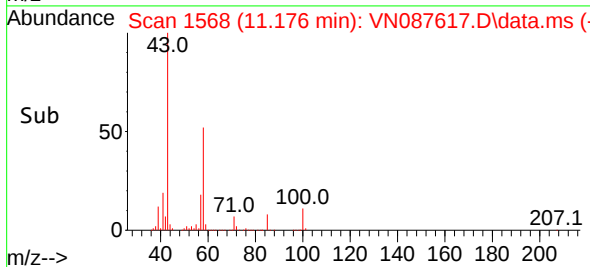
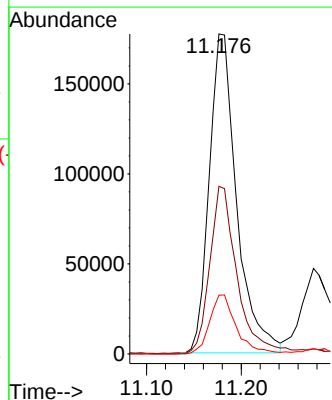
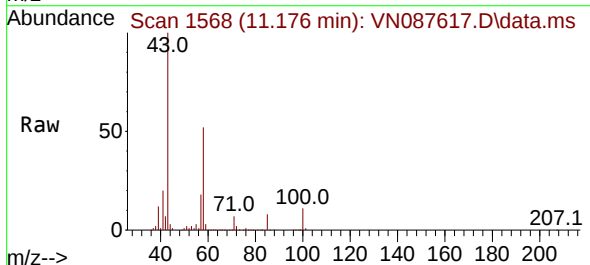
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

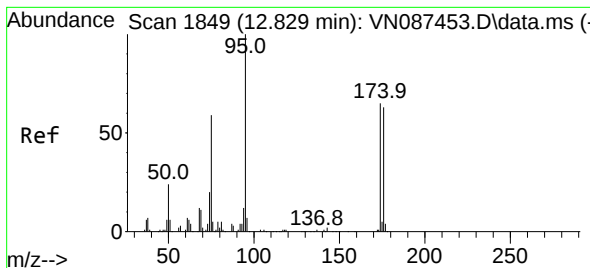
Tgt Ion: 43 Resp: 567941
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6
85 15.6 12.7 19.1



#59
2-Hexanone
Concen: 76.668 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 43 Resp: 356462
Ion Ratio Lower Upper
43 100
58 52.3 41.0 61.6
57 18.0 14.6 21.8

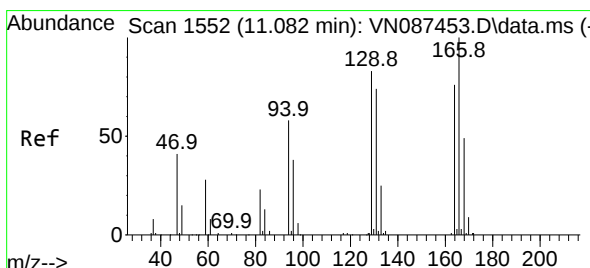
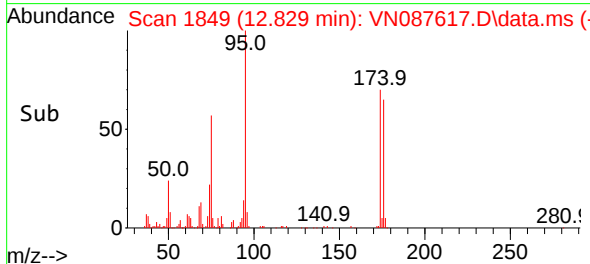
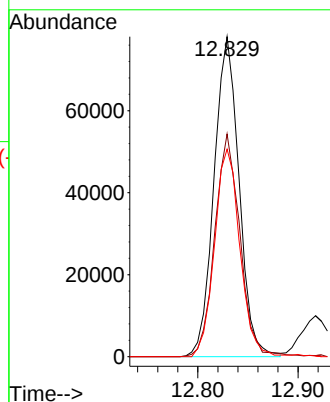
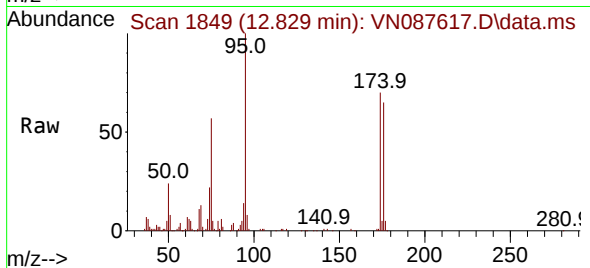




#60
4-Bromofluorobenzene
Concen: 29.589 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

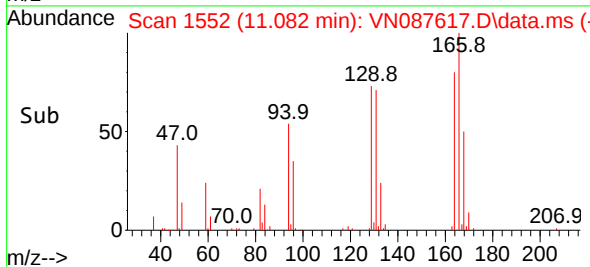
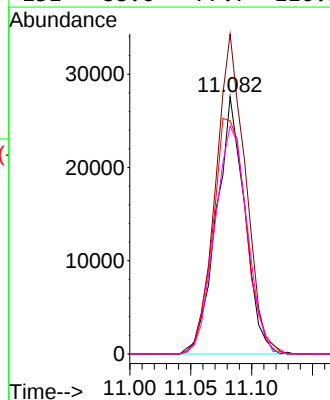
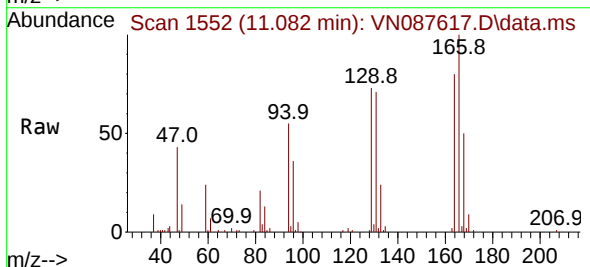
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

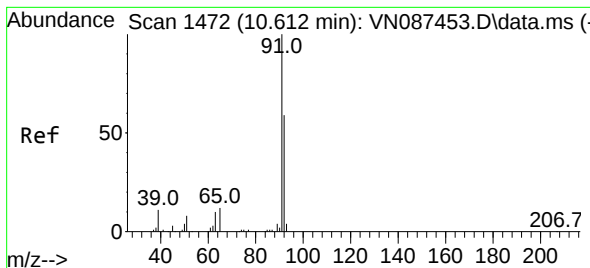
Tgt Ion: 95 Resp: 135450
Ion Ratio Lower Upper
95 100
174 69.0 52.3 78.5
176 65.6 49.8 74.8



#61
Tetrachloroethene
Concen: 17.316 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:164 Resp: 44874
Ion Ratio Lower Upper
164 100
166 124.3 105.4 158.0
129 90.6 87.7 131.5
131 88.6 77.7 116.5





#62

Toluene

Concen: 16.558 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

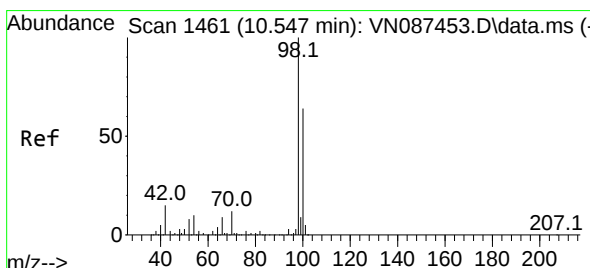
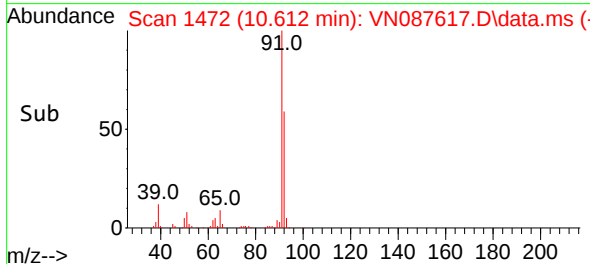
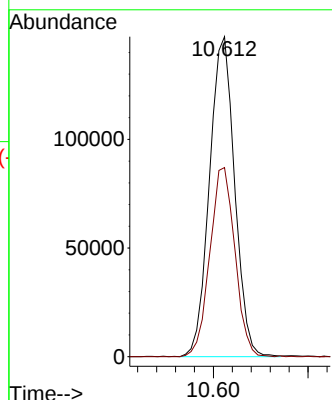
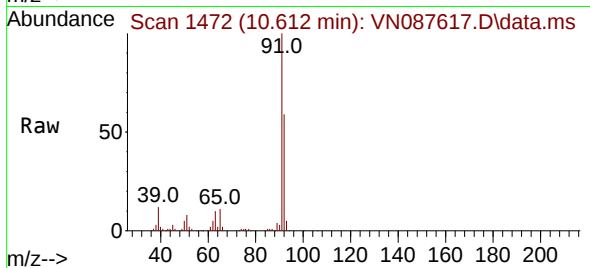
VN0821WBSD01

Tgt Ion: 91 Resp: 271845

Ion Ratio Lower Upper

91 100

92 58.8 45.8 68.6



#63

Toluene-d8

Concen: 30.115 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087617.D

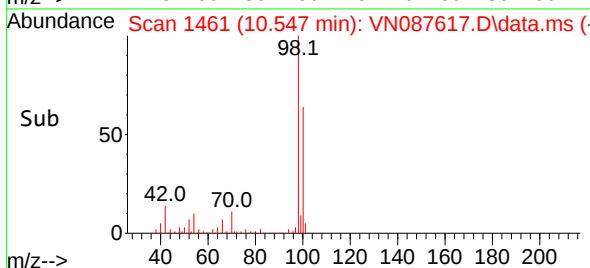
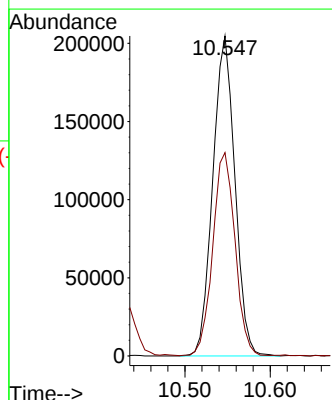
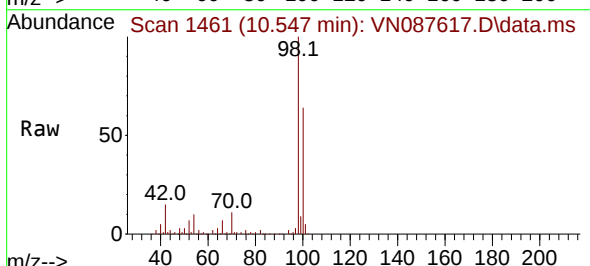
Acq: 21 Aug 2025 11:11

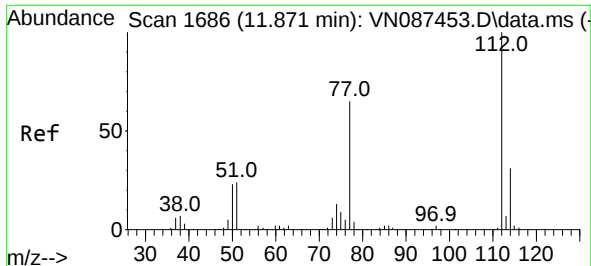
Tgt Ion: 98 Resp: 368591

Ion Ratio Lower Upper

98 100

100 64.1 50.5 75.7

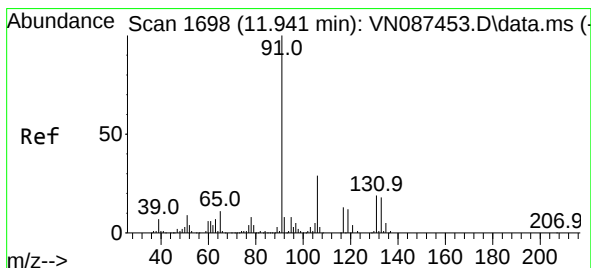
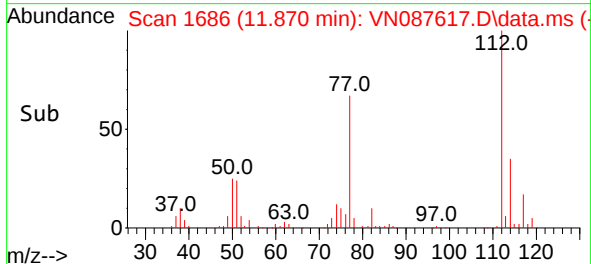
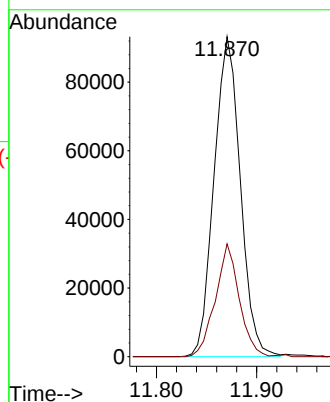
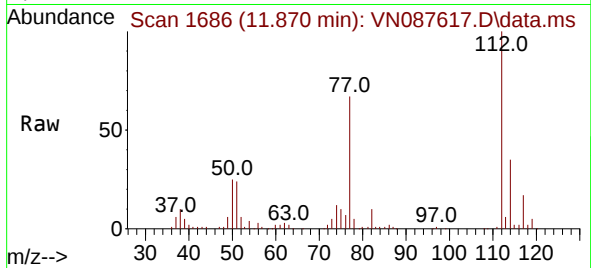




#64
Chlorobenzene
Concen: 16.828 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

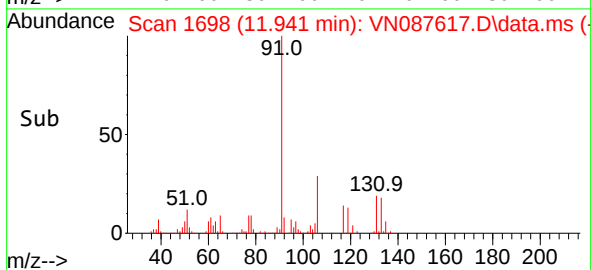
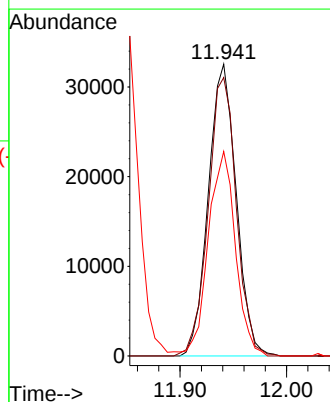
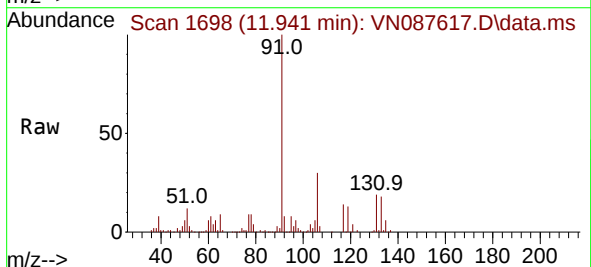
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

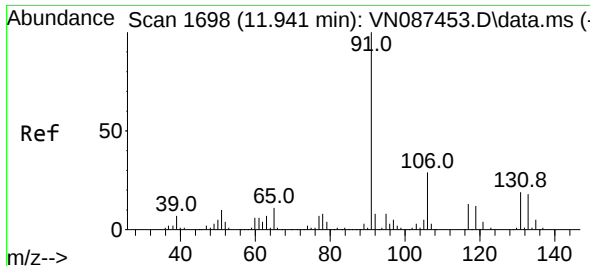
Tgt Ion:112 Resp: 169766
Ion Ratio Lower Upper
112 100
114 35.2 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 16.712 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:131 Resp: 59276
Ion Ratio Lower Upper
131 100
133 96.1 0.0 189.8
119 67.9 0.0 133.2

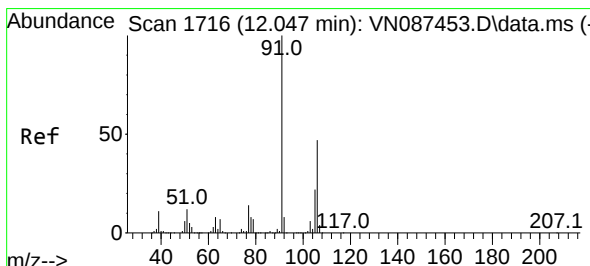
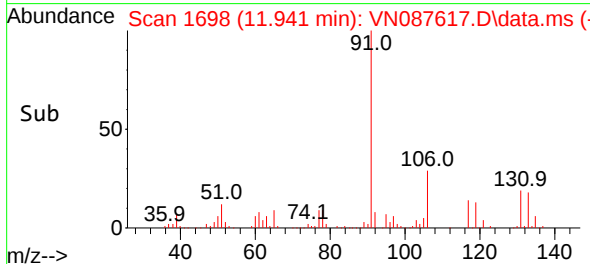
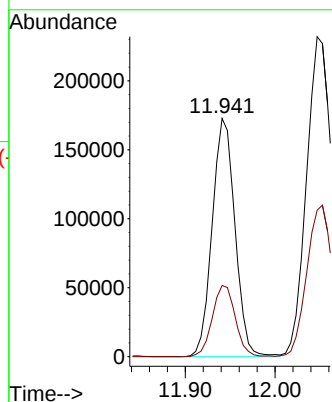
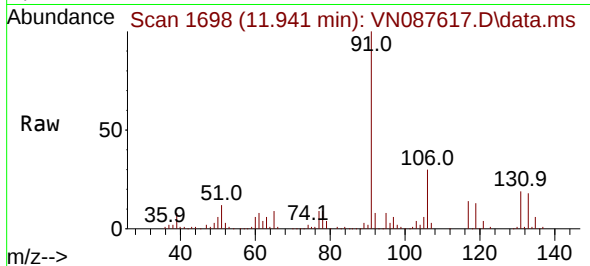




#66
Ethyl Benzene
Concen: 16.656 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

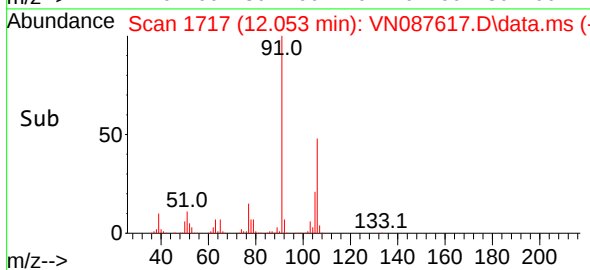
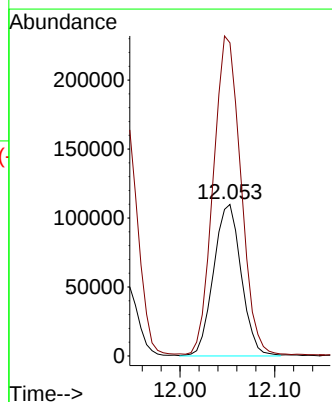
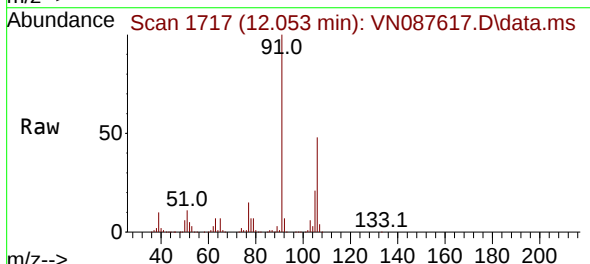
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

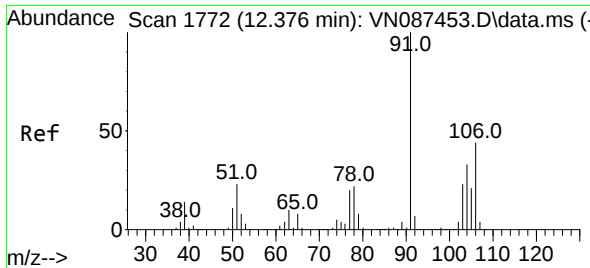
Tgt Ion: 91 Resp: 304785
Ion Ratio Lower Upper
91 100
106 29.9 22.9 34.3



#67
m/p-Xylenes
Concen: 33.250 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 106 Resp: 223334
Ion Ratio Lower Upper
106 100
91 208.8 174.2 261.2

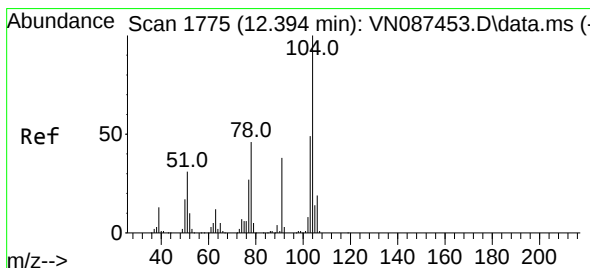
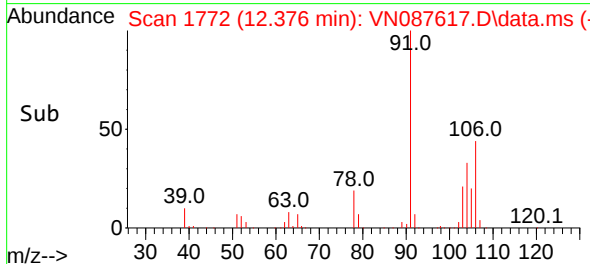
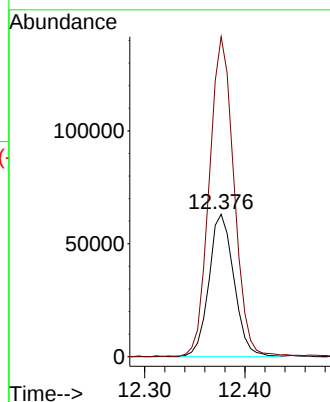
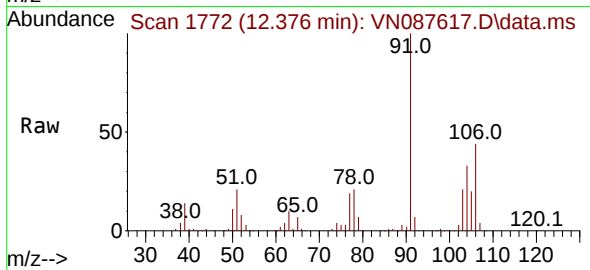




#68
o-Xylene
Concen: 16.577 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

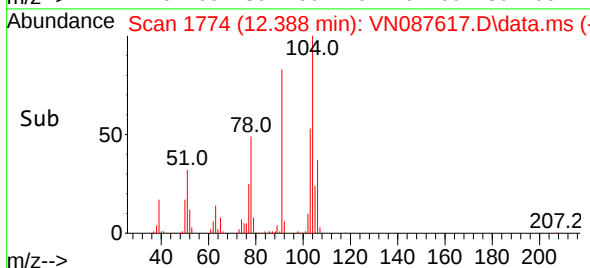
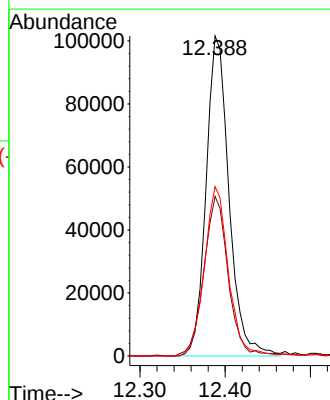
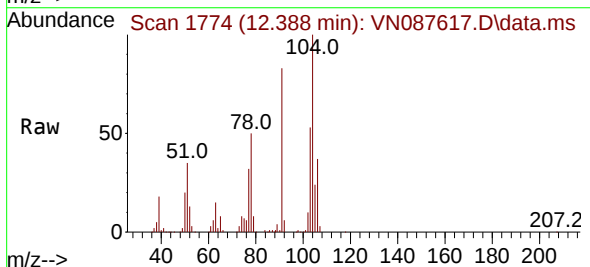
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

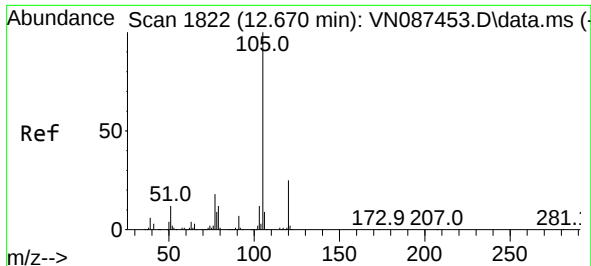
Tgt Ion:106 Resp: 109540
Ion Ratio Lower Upper
106 100
91 221.2 114.5 343.5



#69
Styrene
Concen: 16.860 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:104 Resp: 190240
Ion Ratio Lower Upper
104 100
78 52.5 43.8 65.8
103 55.0 43.1 64.7

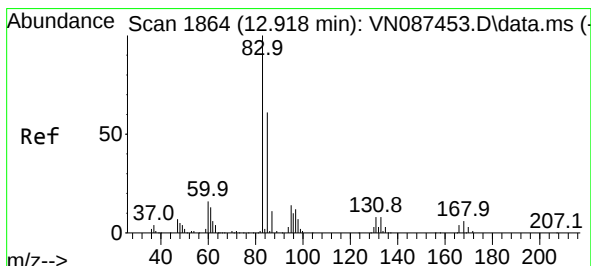
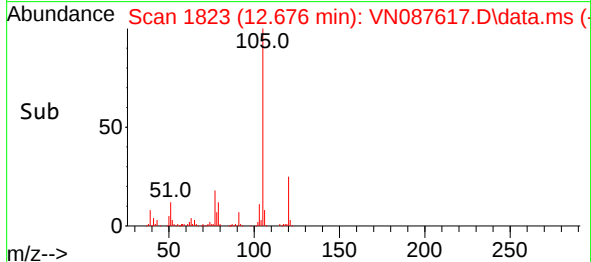
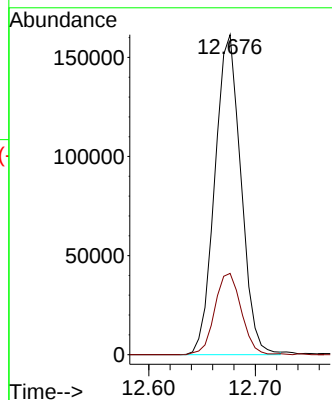
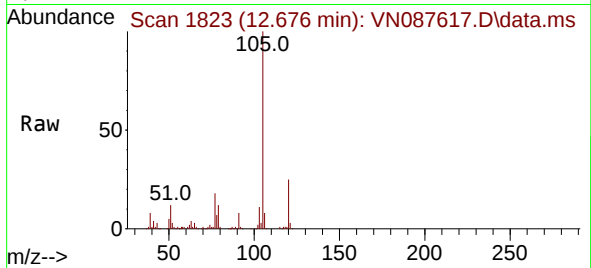




#70
Isopropylbenzene
Concen: 16.367 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

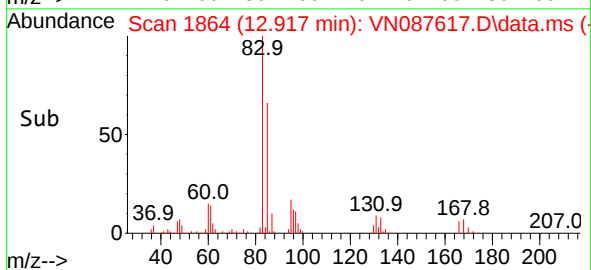
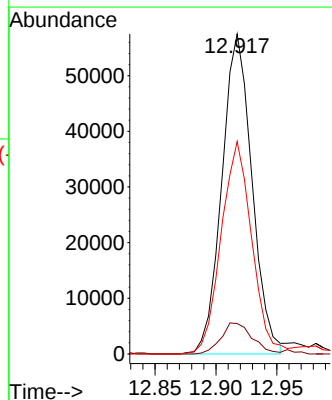
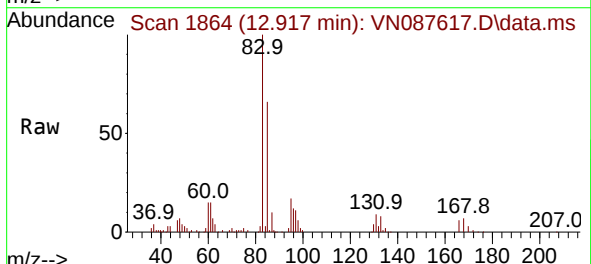
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

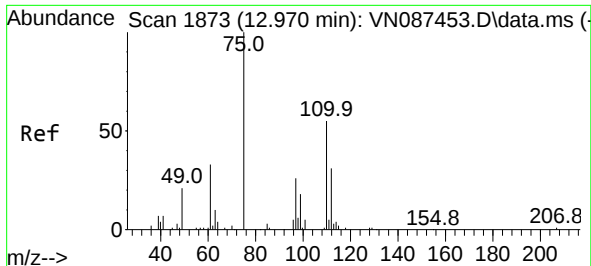
Tgt Ion:105 Resp: 274777
Ion Ratio Lower Upper
105 100
120 25.8 17.5 32.5



#71
1,1,2,2-Tetrachloroethane
Concen: 17.179 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 83 Resp: 98818
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 67.5 31.7 95.1

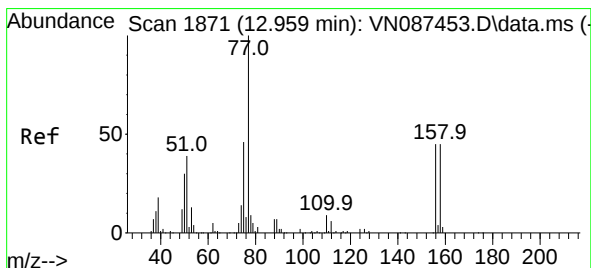
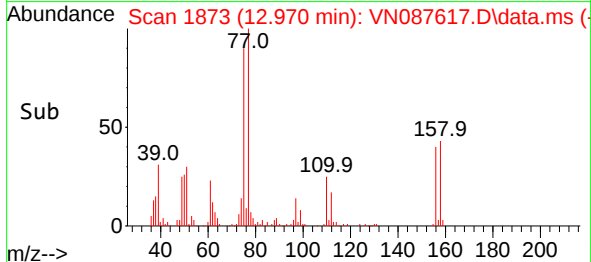
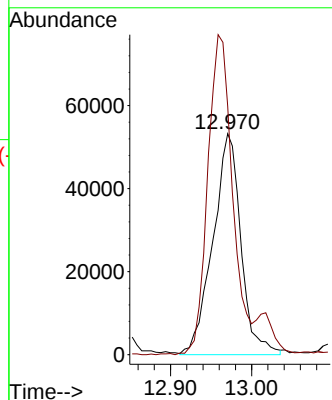
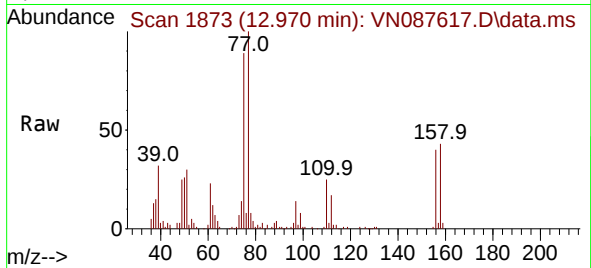




#72
1,2,3-Trichloropropane
Concen: 23.889 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

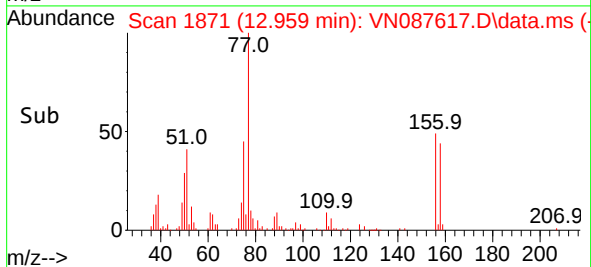
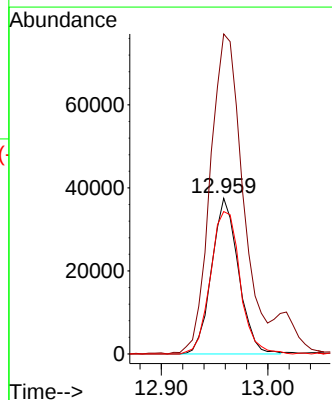
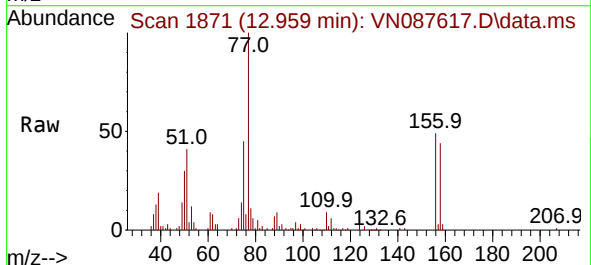
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

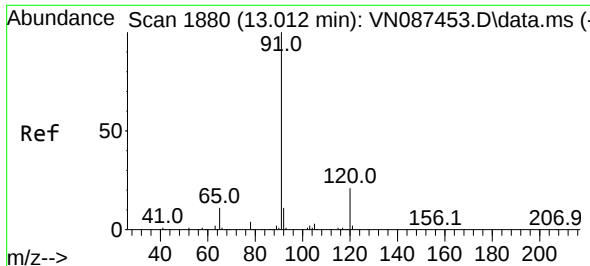
Tgt Ion: 75 Resp: 128016
Ion Ratio Lower Upper
75 100
77 127.2 0.0 385.0



#73
Bromobenzene
Concen: 16.856 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:156 Resp: 65603
Ion Ratio Lower Upper
156 100
77 248.2 0.0 506.6
158 100.8 0.0 193.6

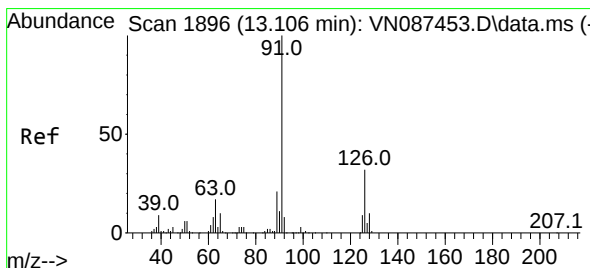
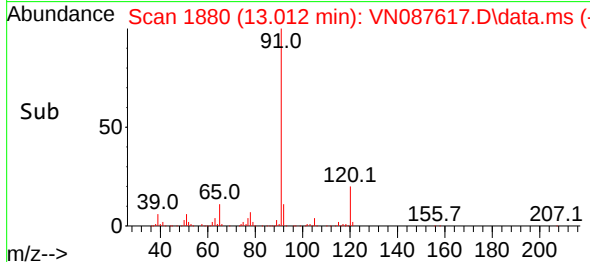
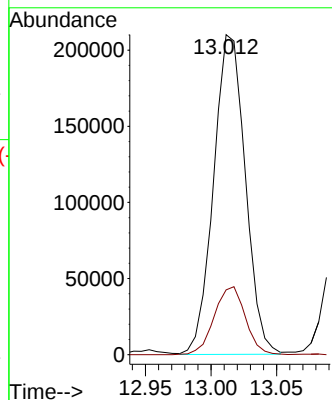
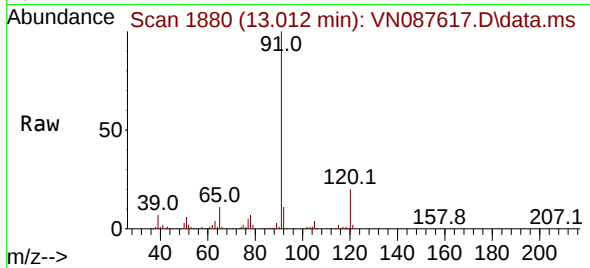




#74
n-propylbenzene
Concen: 16.861 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

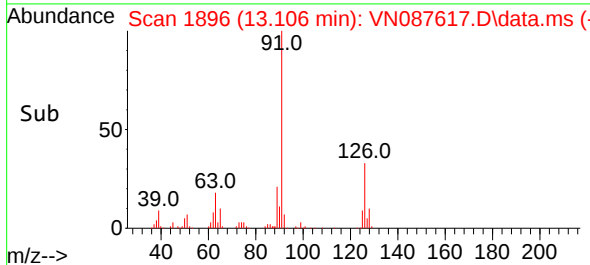
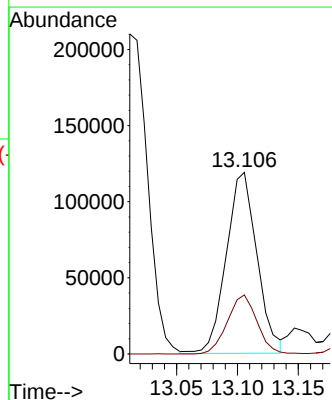
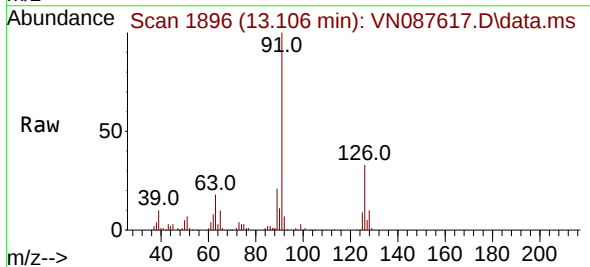
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

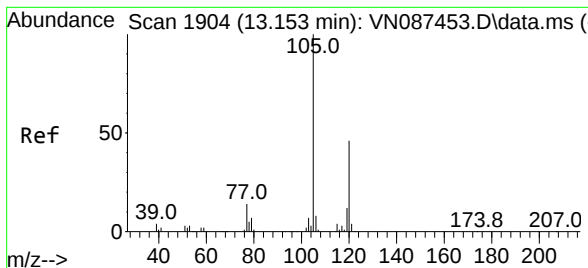
Tgt Ion: 91 Resp: 353526
Ion Ratio Lower Upper
91 100
120 20.9 0.0 41.8



#75
2-Chlorotoluene
Concen: 16.199 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 91 Resp: 208926
Ion Ratio Lower Upper
91 100
126 31.5 0.0 60.4

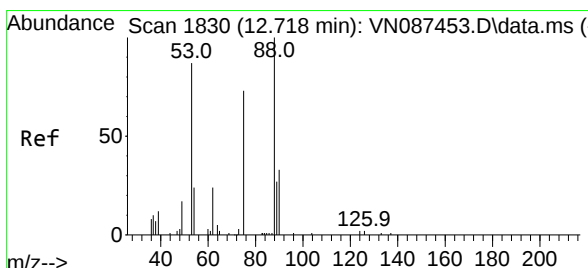
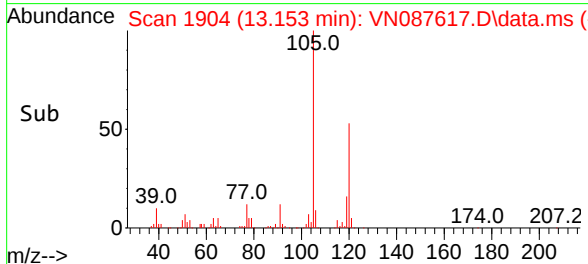
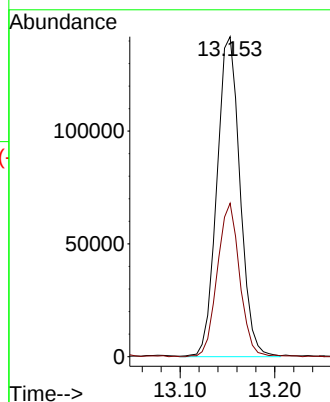
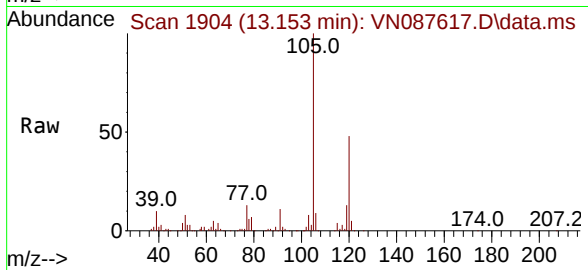




#76
 1,3,5-Trimethylbenzene
 Concen: 16.758 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

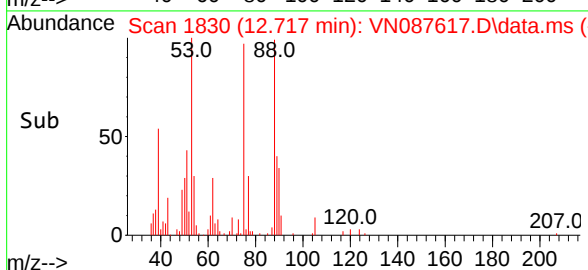
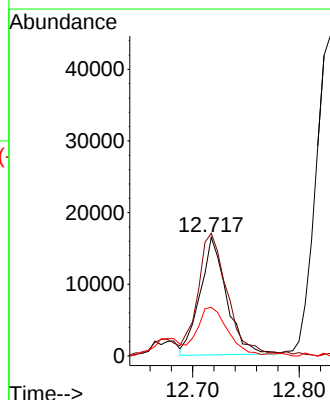
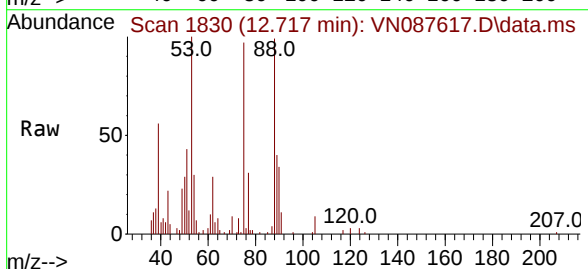
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

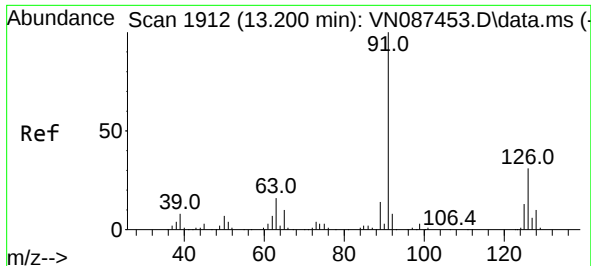
Tgt Ion:105 Resp: 240886
 Ion Ratio Lower Upper
 105 100
 120 46.1 0.0 91.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 14.001 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

Tgt Ion: 75 Resp: 28402
 Ion Ratio Lower Upper
 75 100
 53 103.8 59.0 176.8
 89 39.9 22.1 66.5

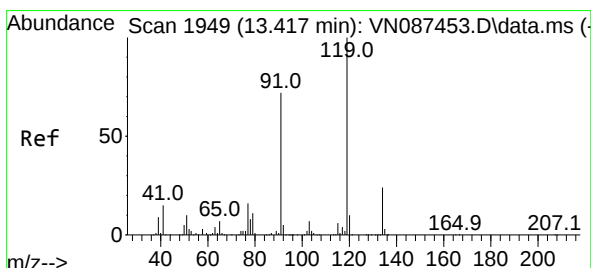
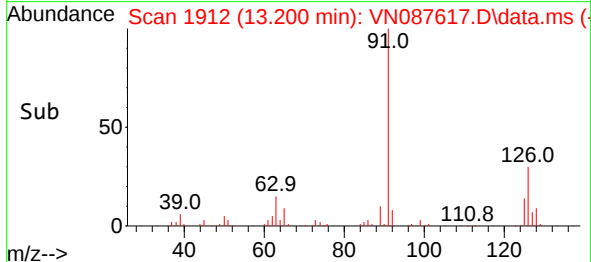
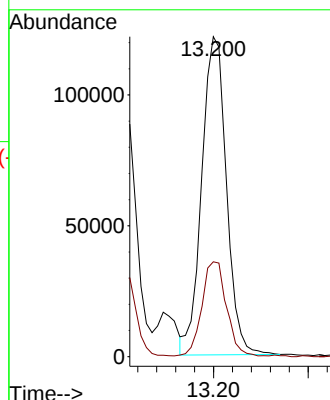
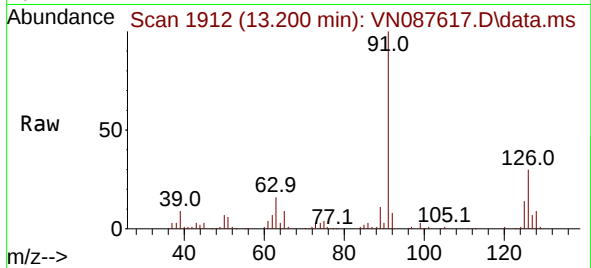




#78
4-Chlorotoluene
Concen: 16.851 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

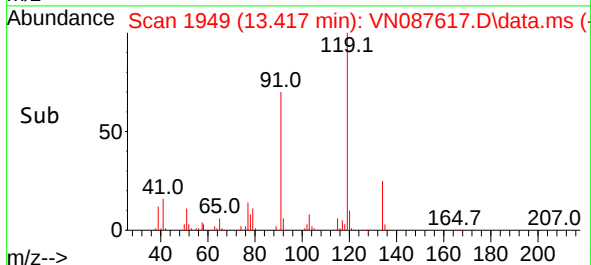
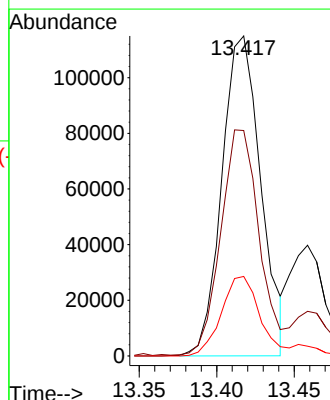
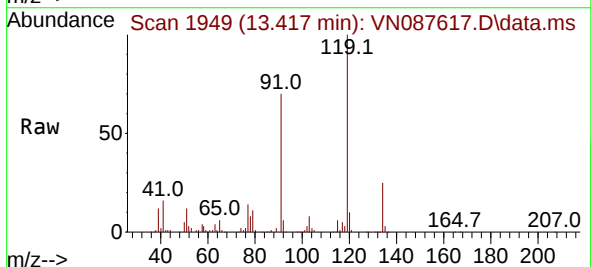
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

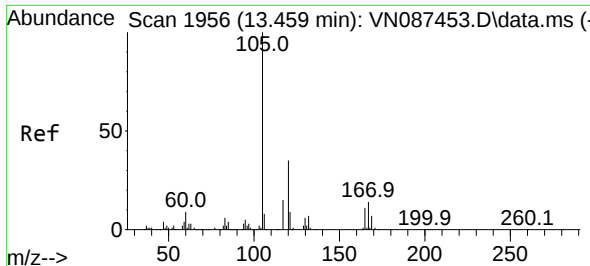
Tgt Ion: 91 Resp: 220236
Ion Ratio Lower Upper
91 100
126 29.9 0.0 63.2



#79
tert-butylbenzene
Concen: 16.572 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 119 Resp: 200845
Ion Ratio Lower Upper
119 100
91 69.2 0.0 141.6
134 24.6 0.0 45.6

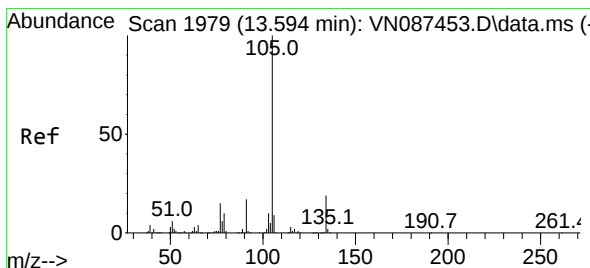
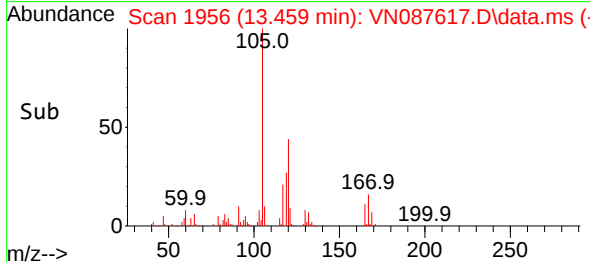
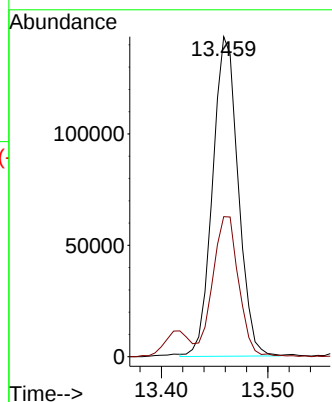
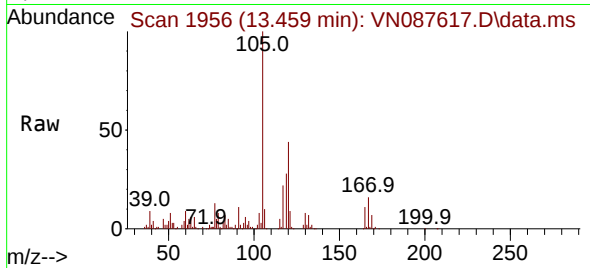




#80
1,2,4-Trimethylbenzene
Concen: 16.646 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

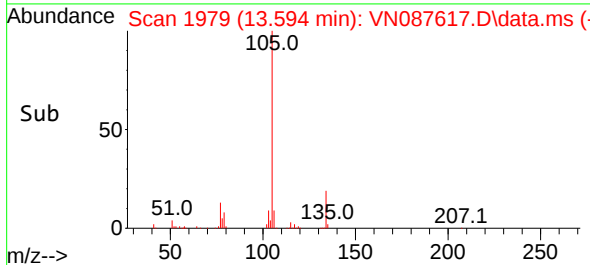
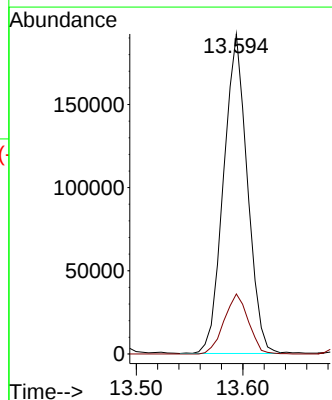
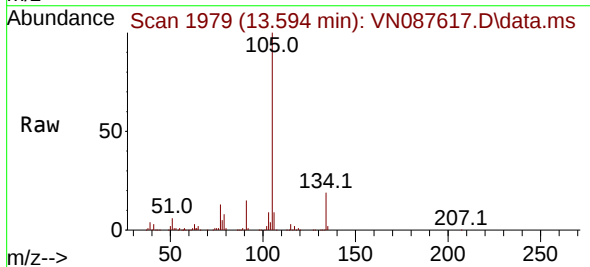
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

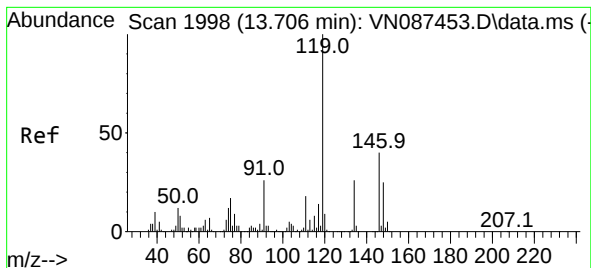
Tgt Ion:105 Resp: 239099
Ion Ratio Lower Upper
105 100
120 44.7 0.0 87.2



#81
sec-Butylbenzene
Concen: 16.858 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:105 Resp: 297428
Ion Ratio Lower Upper
105 100
134 19.1 0.0 37.6





#82

p-Isopropyltoluene

Concen: 16.869 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD01

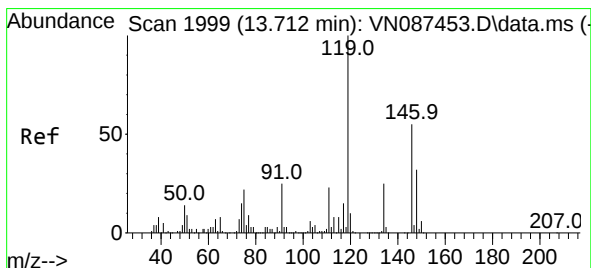
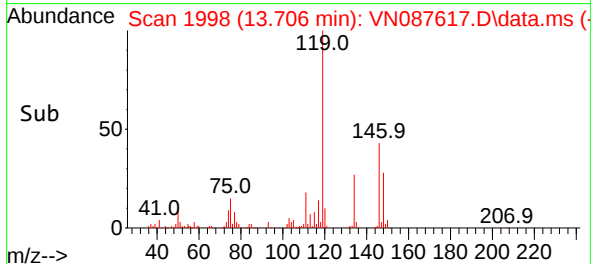
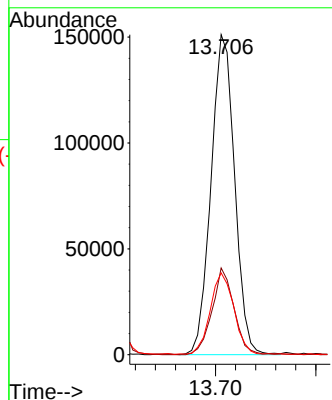
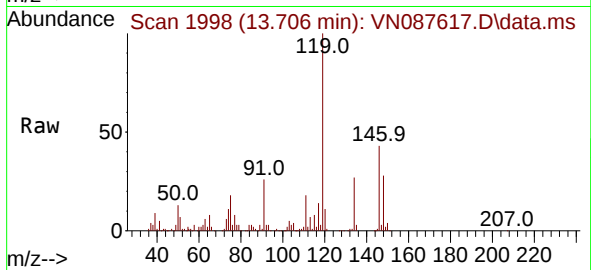
Tgt Ion:119 Resp: 247113

Ion Ratio Lower Upper

119 100

134 25.3 0.0 51.4

91 25.1 0.0 52.0



#83

1,3-Dichlorobenzene

Concen: 17.516 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087617.D

Acq: 21 Aug 2025 11:11

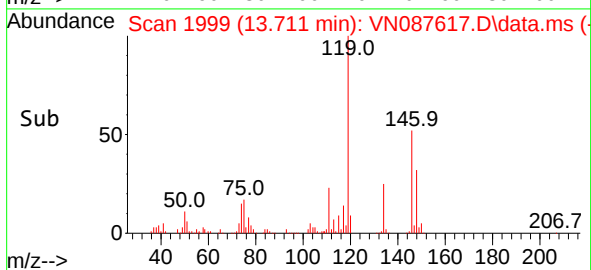
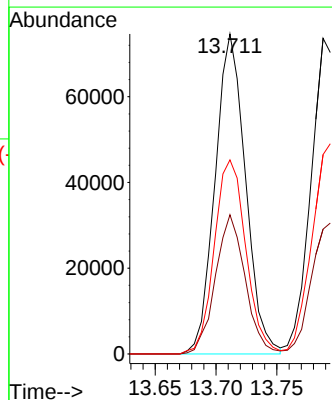
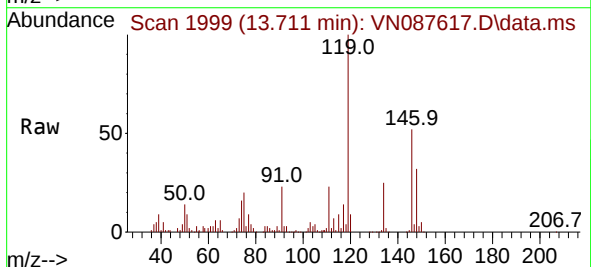
Tgt Ion:146 Resp: 129811

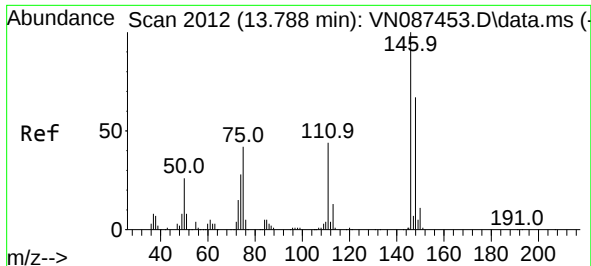
Ion Ratio Lower Upper

146 100

111 42.6 21.9 65.5

148 63.0 31.3 93.9

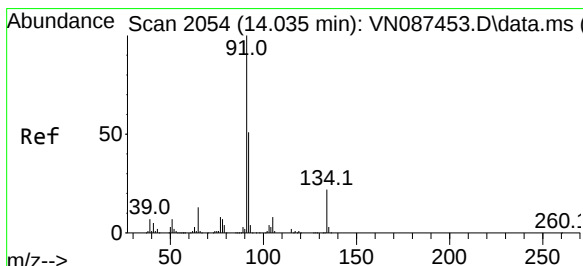
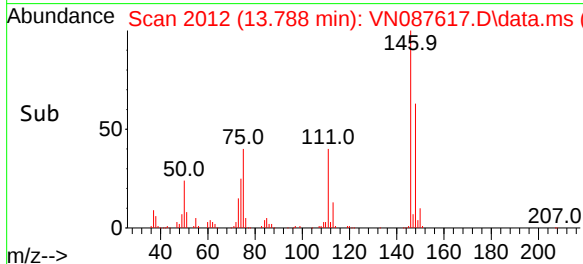
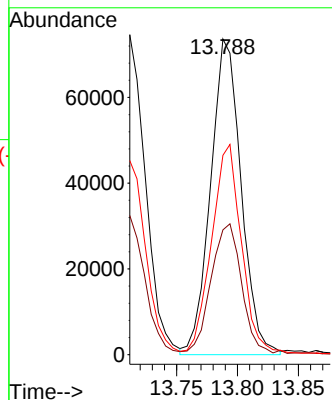
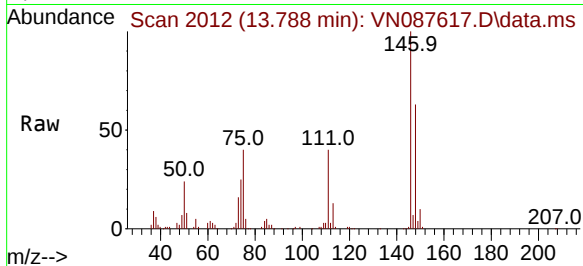




#84
1,4-Dichlorobenzene
Concen: 17.122 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

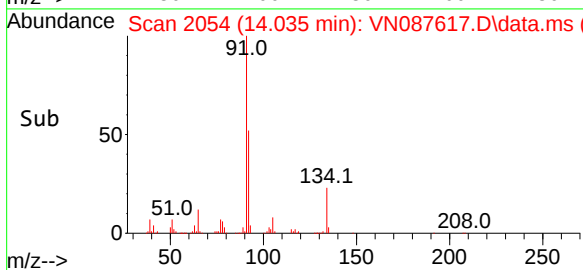
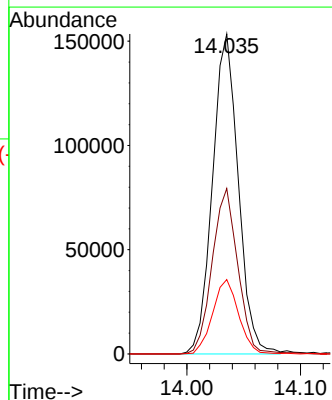
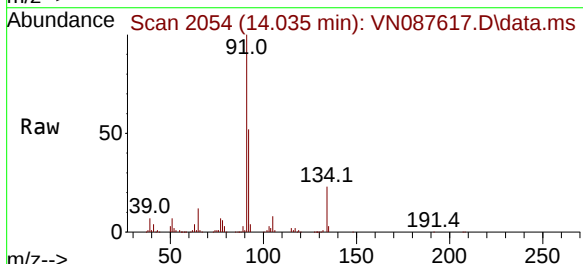
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

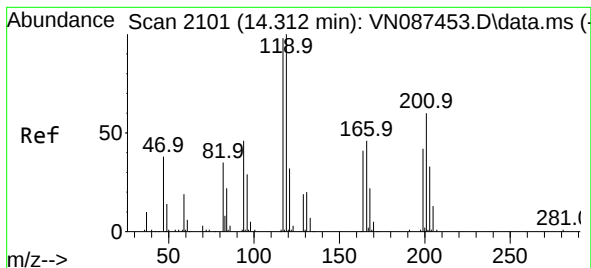
Tgt Ion:146 Resp: 128645
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 65.0 31.4 94.3



#85
n-Butylbenzene
Concen: 16.887 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion: 91 Resp: 242038
Ion Ratio Lower Upper
91 100
92 51.4 0.0 106.6
134 23.2 0.0 44.4

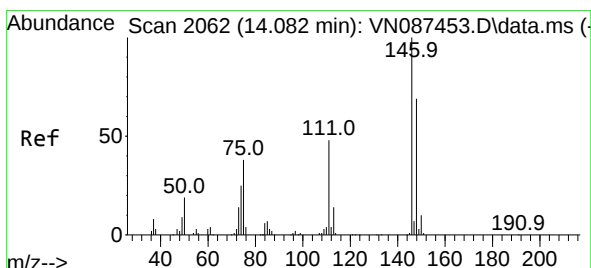
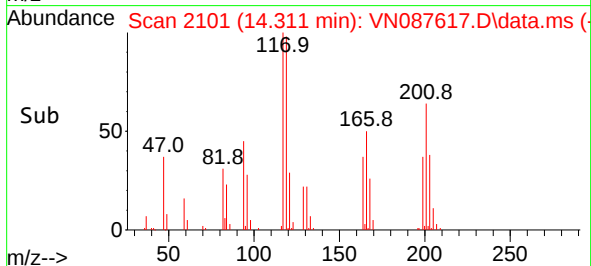
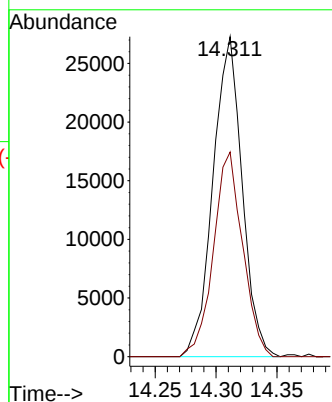
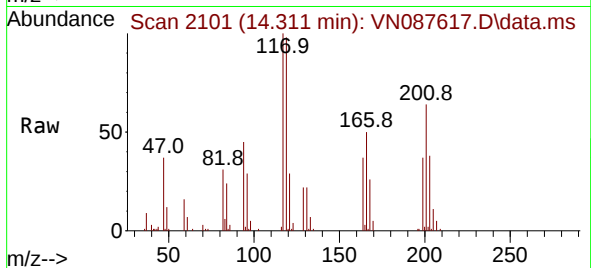




#86
Hexachloroethane
Concen: 15.889 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

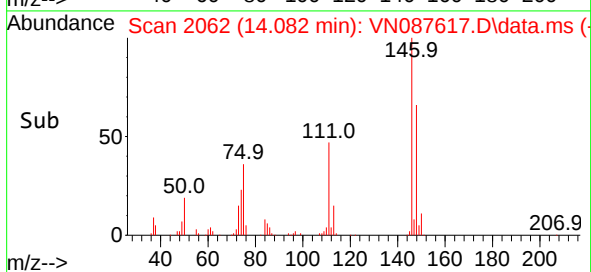
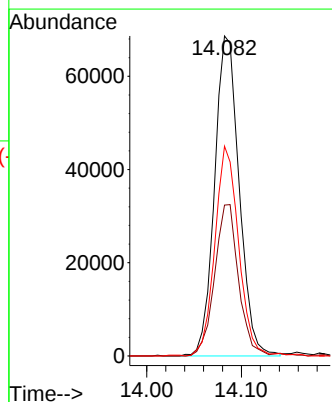
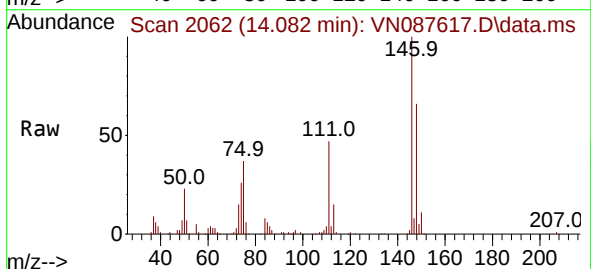
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

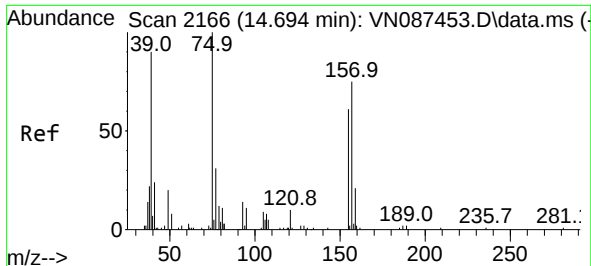
Tgt Ion:117 Resp: 45454
Ion Ratio Lower Upper
117 100
201 64.0 29.1 87.4



#87
1,2-Dichlorobenzene
Concen: 17.506 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:146 Resp: 123841
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.7
148 62.9 31.6 94.7

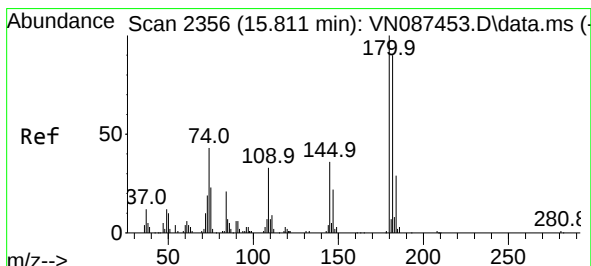
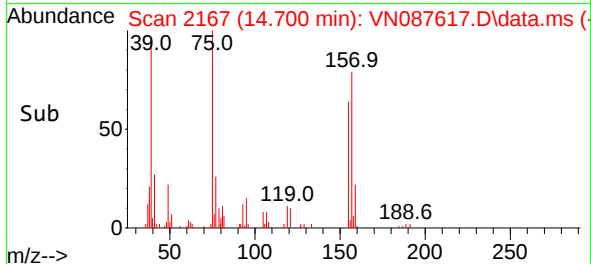
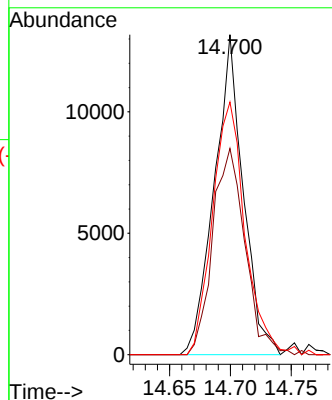
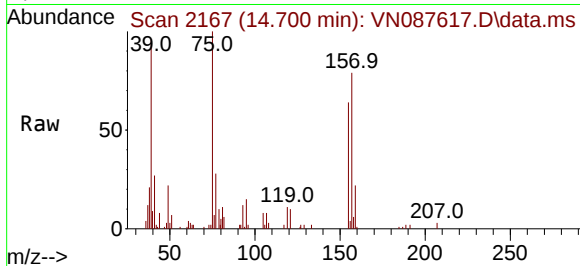




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.969 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

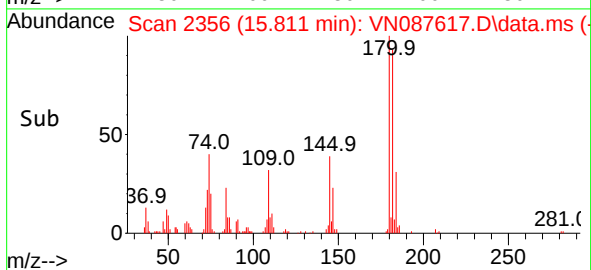
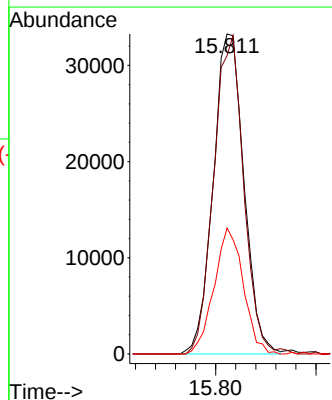
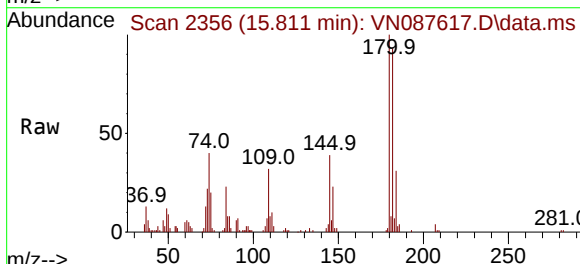
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

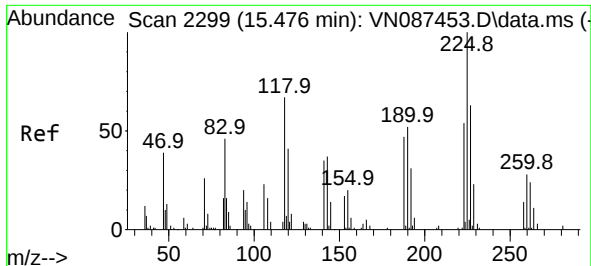
Tgt Ion: 75 Resp: 21813
 Ion Ratio Lower Upper
 75 100
 155 69.3 55.7 83.5
 157 88.4 65.8 98.6



#89
 1,2,4-Trichlorobenzene
 Concen: 16.718 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

Tgt Ion:180 Resp: 70682
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.0 112.4
 145 37.4 28.6 43.0

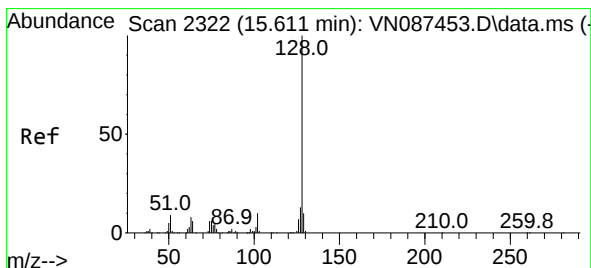
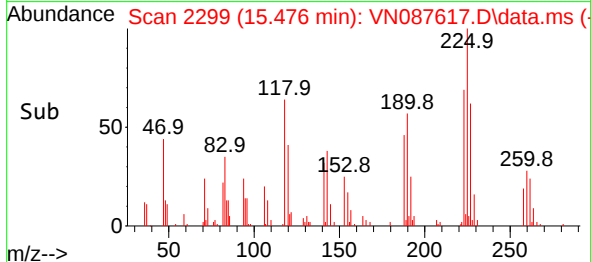
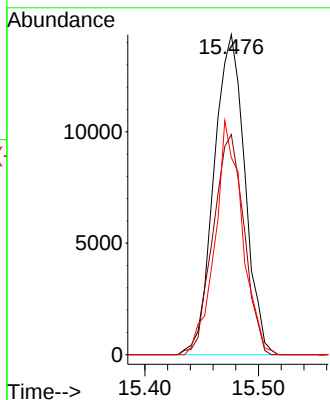
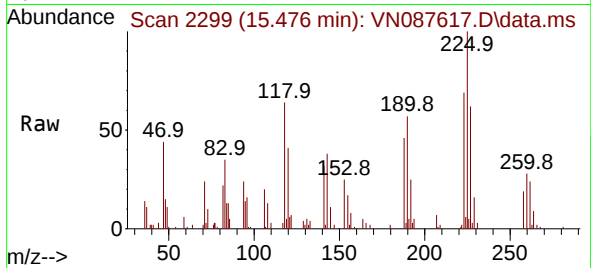




#90
Hexachlorobutadiene
Concen: 16.522 ug/l
RT: 15.476 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

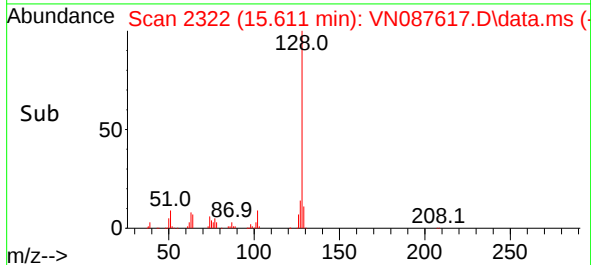
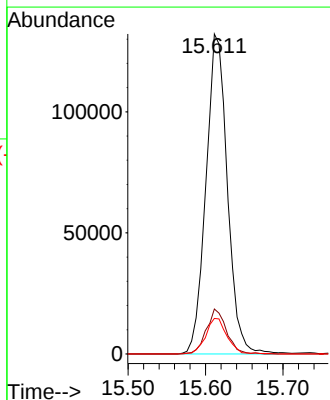
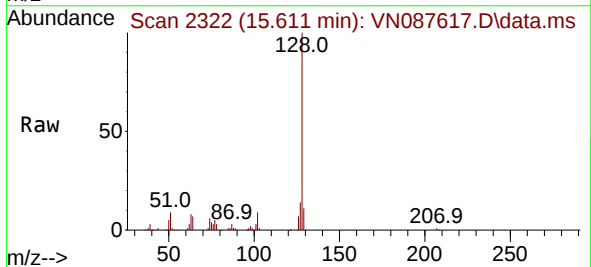
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

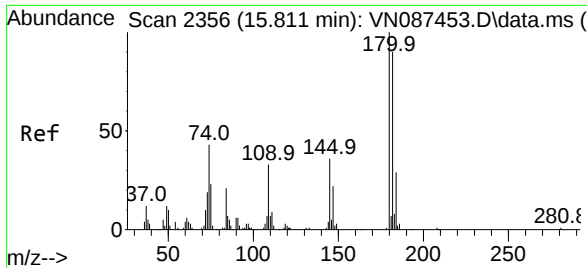
Tgt Ion:225 Resp: 27162
Ion Ratio Lower Upper
225 100
223 69.0 0.0 116.0
227 64.7 0.0 127.0



#91
Naphthalene
Concen: 15.760 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087617.D
Acq: 21 Aug 2025 11:11

Tgt Ion:128 Resp: 254050
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 16.718 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087617.D
 Acq: 21 Aug 2025 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

Tgt Ion:	180	Resp:	70682
Ion Ratio	Lower	Upper	
180	100		
182	96.3	0.0	187.4
145	37.4	0.0	71.6

