

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087716.D
 Acq On : 04 Sep 2025 12:38
 Operator : JC\MD
 Sample : VN0904WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

Quant Time: Sep 05 02:19:01 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	7.794	128	46987	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	246294	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	222512	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	120474	27.798	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.667%
60) 4-Bromofluorobenzene	12.829	95	109013	28.468	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.900%
63) Toluene-d8	10.547	98	303926	29.685	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.967%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	62535	20.385	ug/l	94
3) Chloromethane	2.383	50	60059	19.082	ug/l	97
4) Vinyl Chloride	2.536	62	69363	20.778	ug/l	95
5) Bromomethane	2.971	94	48234	26.694	ug/l	83
6) Chloroethane	3.136	64	46784	21.733	ug/l	98
7) Trichlorofluoromethane	3.506	101	108310	22.544	ug/l	100
8) Diethyl Ether	3.959	74	42508	21.237	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	61513	25.108	ug/l	99
10) 1,1-Dichloroethene	4.342	96	56490	21.951	ug/l	80
11) Methyl Iodide	4.583	142	36400	17.964	ug/l	92
12) Methyl Acetate	5.018	43	109468	23.051	ug/l #	91
13) Acrolein	4.171	56	76010	104.794	ug/l	97
14) Acrylonitrile	5.706	53	193739	93.426	ug/l	98
15) Acetone	4.424	58	57070	96.319	ug/l	86
16) Carbon Disulfide	4.700	76	146362	18.335	ug/l	99
17) Allyl chloride	5.012	41	91309	17.408	ug/l	91
18) Methylene Chloride	5.271	84	65247	19.695	ug/l	90
19) trans-1,2-Dichloroethene	5.771	96	58256	19.036	ug/l #	94
20) Diisopropyl ether	6.659	45	224989	18.829	ug/l	97
21) 1,1-Dichloroethane	6.553	63	115682	18.729	ug/l #	96
22) cis-1,2-Dichloroethene	7.471	96	70834	18.812	ug/l	98
23) tert-Butyl Alcohol	5.524	59	71235	80.841	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	209746	17.887	ug/l	97
25) Chloroform	7.953	83	126402	19.605	ug/l	99
26) Cyclohexane	8.241	56	89790	18.156	ug/l #	96
29) 1,1-Dichloropropene	8.347	75	81325	20.245	ug/l	99
30) 2-Butanone	7.471	43	291380	98.404	ug/l #	82
31) 2,2-Dichloropropane	7.471	77	103342	19.946	ug/l #	79
32) 1,1,1-Trichloroethane	8.147	97	107431	20.969	ug/l	95
33) Carbon Tetrachloride	8.341	117	88828	20.870	ug/l	94
34) Benzene	8.588	78	254532	20.073	ug/l	97
35) Methacrylonitrile	7.759	41	57887	18.116	ug/l	95
36) 1,2-Dichloroethane	8.653	62	98643	19.247	ug/l	99
37) Trichloroethene	9.330	130	58350	20.890	ug/l	97
38) Methylcyclohexane	9.577	83	88823	19.060	ug/l	99
39) 1,2-Dichloropropane	9.600	63	68663	21.119	ug/l	97
40) Dibromomethane	9.688	93	50029	20.509	ug/l	97
41) Bromodichloromethane	9.865	83	101960	20.115	ug/l	99
42) Vinyl Acetate	6.589	43	885124	90.770	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	111211	19.441	ug/l	97
44) Isopropyl Acetate	8.677	43	183479	18.922	ug/l	97
45) 1,4-Dioxane	9.682	88	23806	385.110	ug/l #	87
46) Methyl methacrylate	9.659	41	80320	17.548	ug/l	96
47) n-amyl Acetate	12.541	43	13853	2.586	ug/l #	75
48) t-1,3-Dichloropropene	10.818	75	106677	19.344	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	108236	19.503	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	68256	22.146	ug/l	97
51) Ethyl methacrylate	10.859	69	101895	18.772	ug/l	95
52) 1,3-Dichloropropane	11.141	76	113637	20.465	ug/l	97
53) Dibromochloromethane	11.335	129	75193	21.125	ug/l	96
54) 1,2-Dibromoethane	11.453	107	66187	20.230	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	294669	103.123	ug/l	99
56) Bromoform	12.559	173	47049	19.985	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	579891	101.308	ug/l	100
59) 2-Hexanone	11.176	43	360418	92.671	ug/l	99
61) Tetrachloroethene	11.082	164	47378	21.855	ug/l	94
62) Toluene	10.606	91	281160	20.473	ug/l	98
64) Chlorobenzene	11.871	112	171933	20.374	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	63573	21.427	ug/l	95
66) Ethyl Benzene	11.941	91	302575	19.767	ug/l	99
67) m/p-Xylenes	12.047	106	221209	39.370	ug/l	99
68) o-Xylene	12.376	106	106491	19.265	ug/l	97
69) Styrene	12.388	104	182406	19.326	ug/l	97
70) Isopropylbenzene	12.676	105	284473	20.257	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	102118	21.223	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	133568	29.797	ug/l	51
73) Bromobenzene	12.959	156	66461	20.415	ug/l	95
74) n-propylbenzene	13.012	91	353290	20.144	ug/l	100
75) 2-Chlorotoluene	13.106	91	210740	19.534	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	241598	20.093	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	32235	18.997	ug/l	85
78) 4-Chlorotoluene	13.200	91	223950	20.484	ug/l	99
79) tert-butylbenzene	13.418	119	203336	20.057	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	239788	19.957	ug/l	99
81) sec-Butylbenzene	13.594	105	304693	20.645	ug/l	99
82) p-Isopropyltoluene	13.706	119	248332	20.265	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	134671	21.724	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	129848	20.660	ug/l	97
85) n-Butylbenzene	14.035	91	245310	20.461	ug/l	98
86) Hexachloroethane	14.306	117	49777	20.801	ug/l	96
87) 1,2-Dichlorobenzene	14.082	146	127712	21.582	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	23453	19.240	ug/l	98
89) 1,2,4-Trichlorobenzene	15.817	180	73596	20.810	ug/l	98
90) Hexachlorobutadiene	15.470	225	26926	19.580	ug/l	97
91) Naphthalene	15.611	128	260334	19.306	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	73596	20.810	ug/l	98

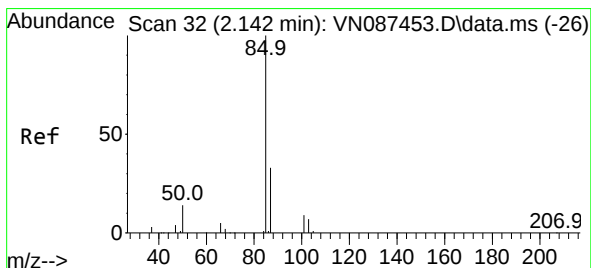
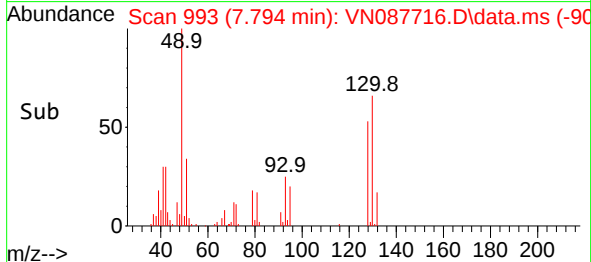
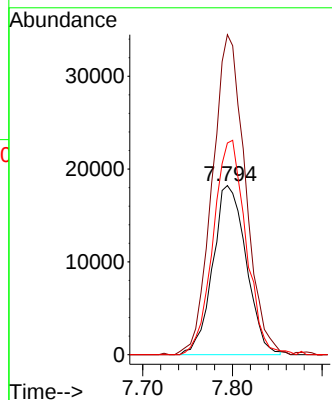
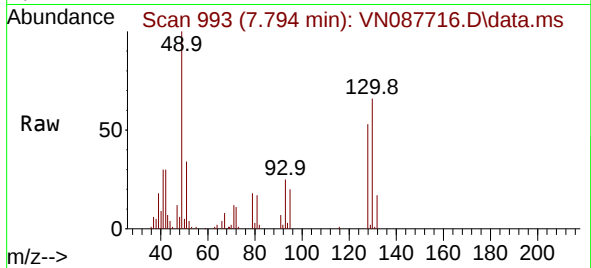
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
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Acq: 04 Sep 2025 12:38

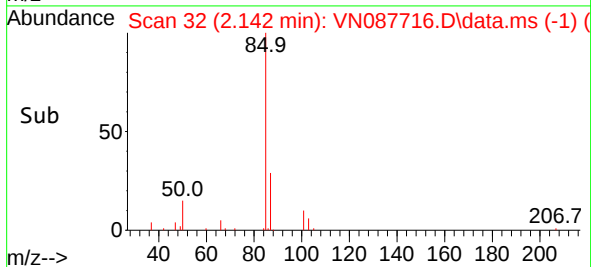
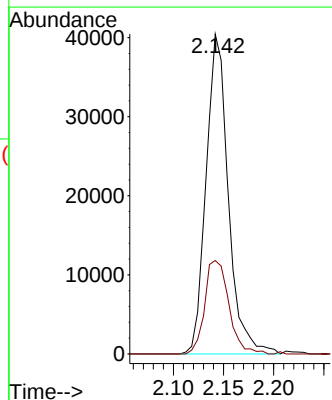
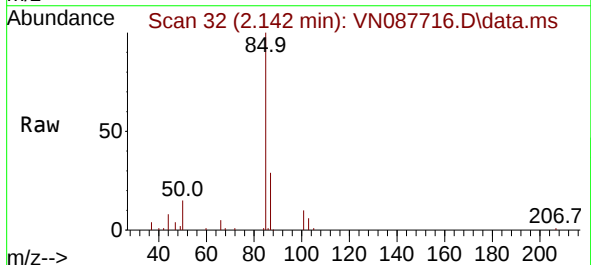
Instrument :
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VN0904WBSD01

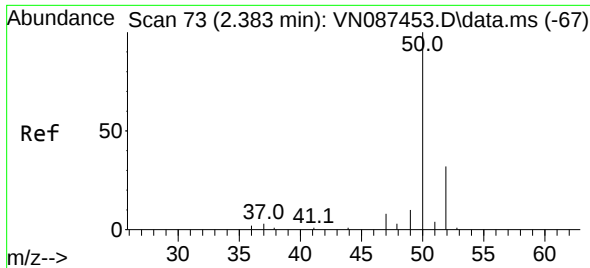
Tgt Ion:128 Resp: 46987
Ion Ratio Lower Upper
128 100
49 187.4 0.0 494.8
130 124.9 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 20.385 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 85 Resp: 62535
Ion Ratio Lower Upper
85 100
87 29.2 16.4 49.2

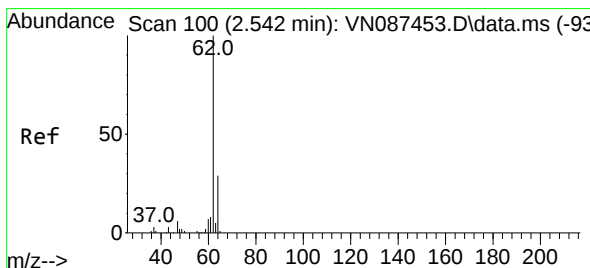
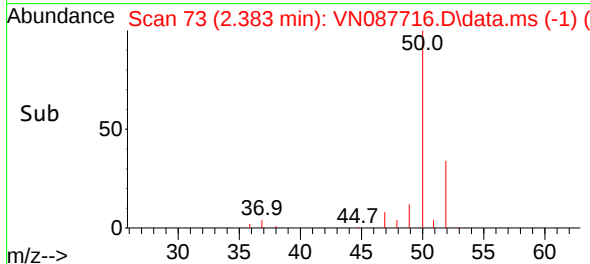
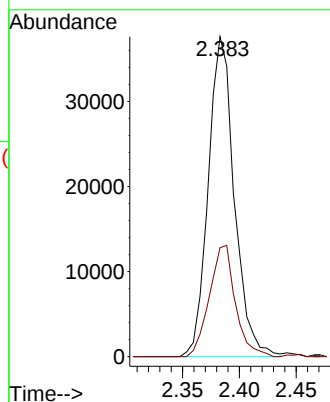
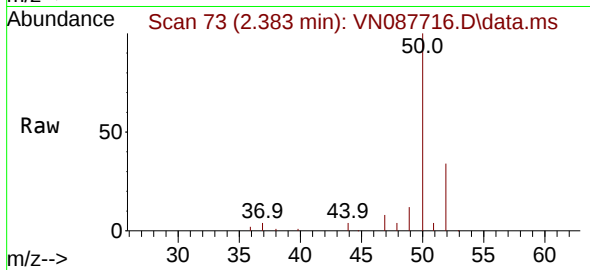




#3
Chloromethane
Concen: 19.082 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

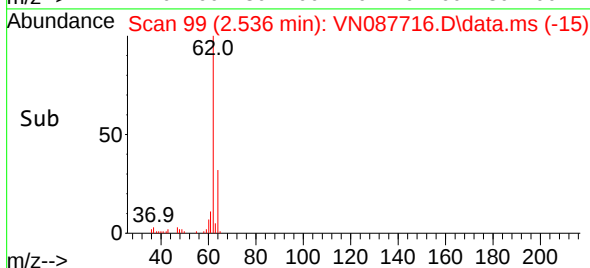
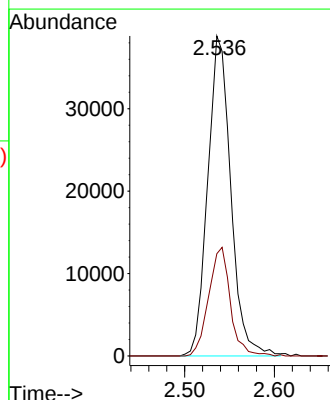
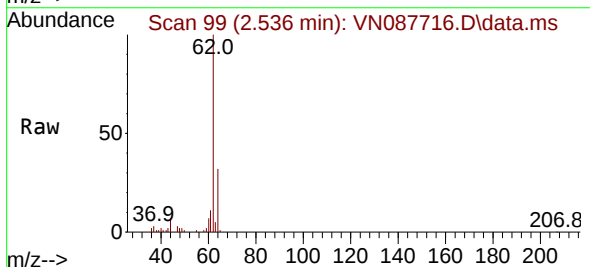
Instrument :
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ClientSampleId :
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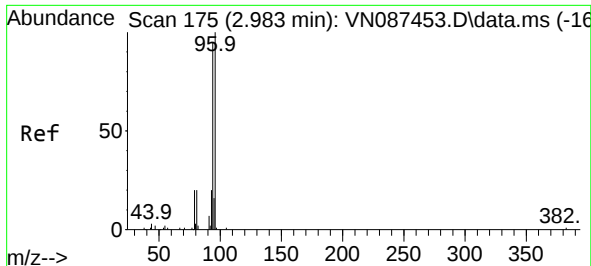
Tgt Ion: 50 Resp: 60059
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.6



#4
Vinyl Chloride
Concen: 20.778 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 62 Resp: 69363
Ion Ratio Lower Upper
62 100
64 32.0 23.4 35.2

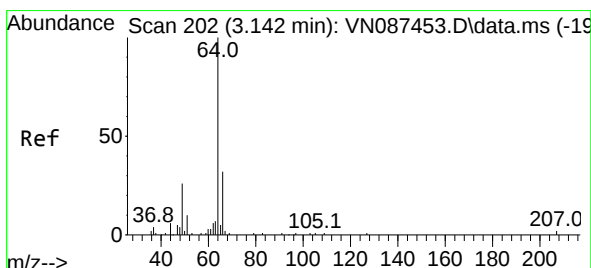
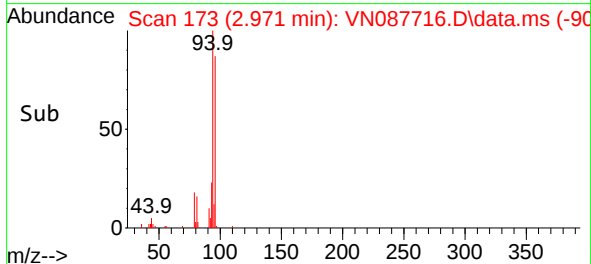
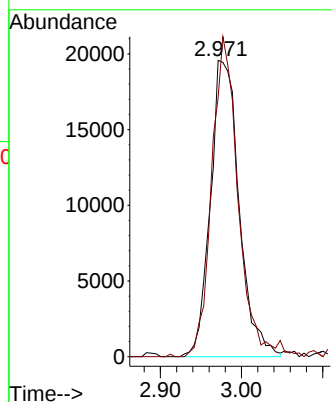
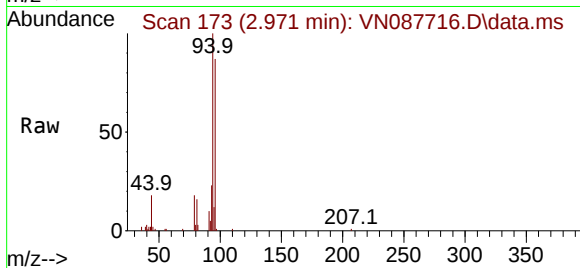




#5
Bromomethane
Concen: 26.694 ug/l
RT: 2.971 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

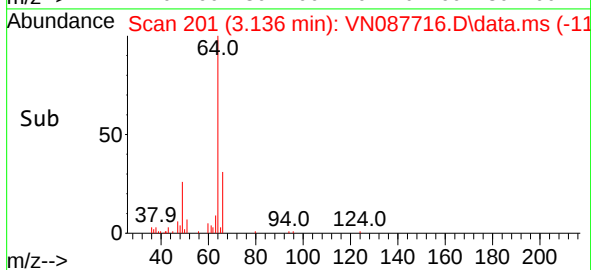
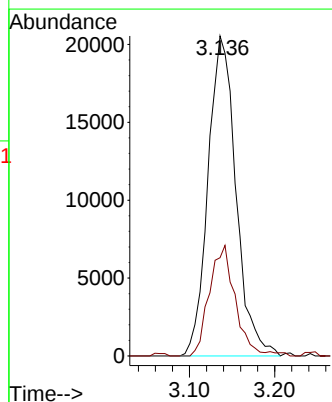
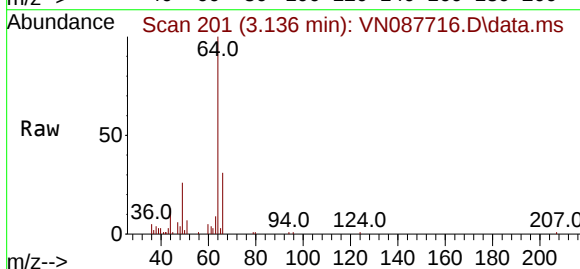
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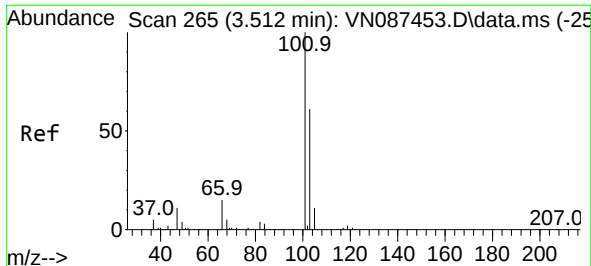
Tgt Ion: 94 Resp: 48234
Ion Ratio Lower Upper
94 100
96 87.4 84.2 126.4



#6
Chloroethane
Concen: 21.733 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 64 Resp: 46784
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.0

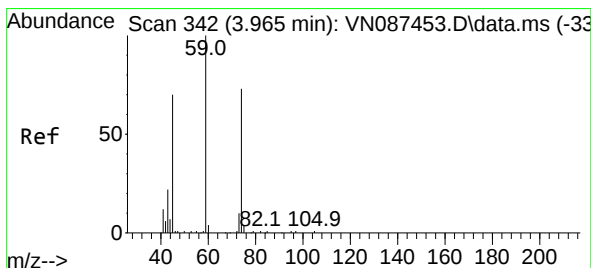
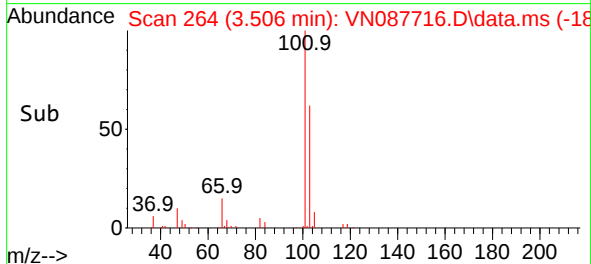
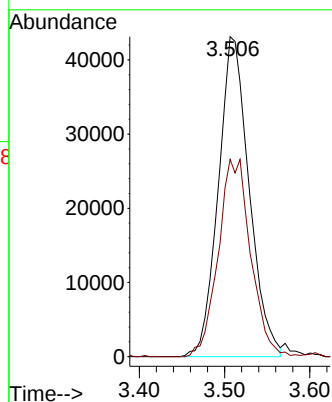
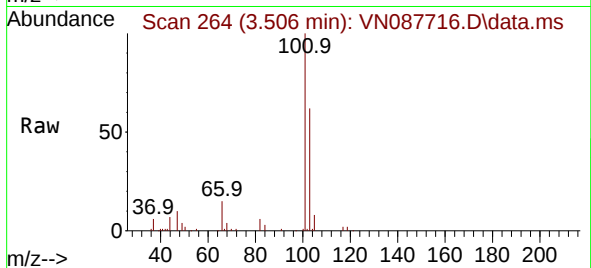




#7
 Trichlorofluoromethane
 Concen: 22.544 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

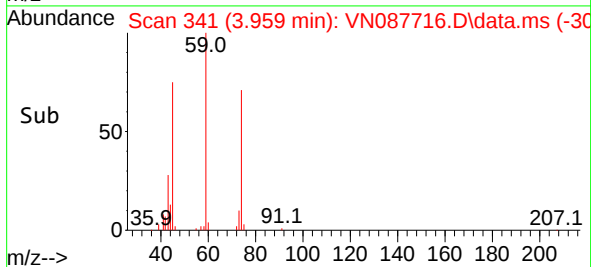
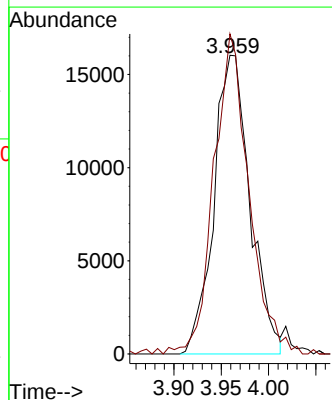
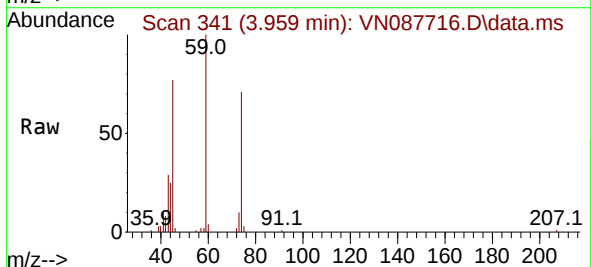
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Tgt Ion:101 Resp: 108310
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.2 73.8



#8
 Diethyl Ether
 Concen: 21.237 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion: 74 Resp: 42508
 Ion Ratio Lower Upper
 74 100
 45 103.4 20.1 180.9

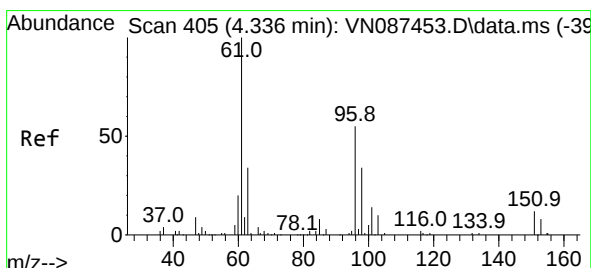
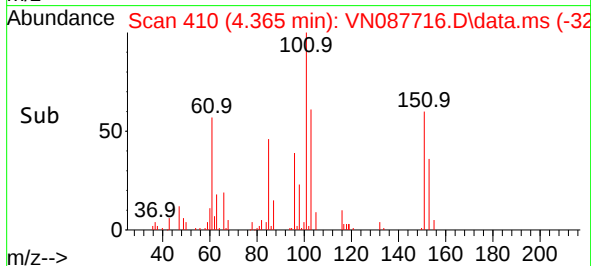
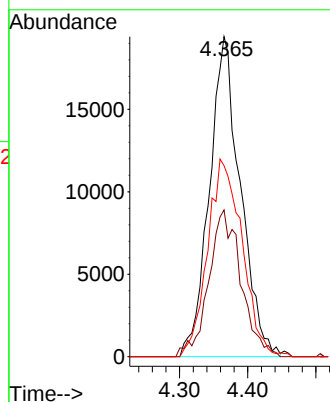
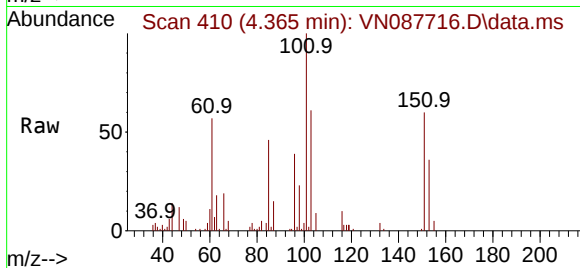




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.108 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

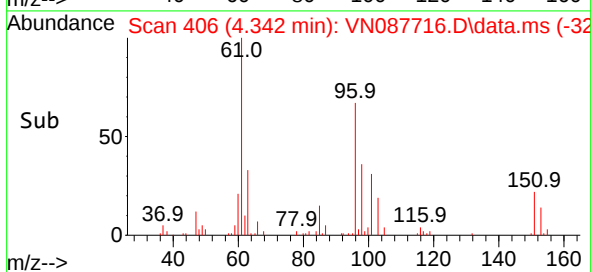
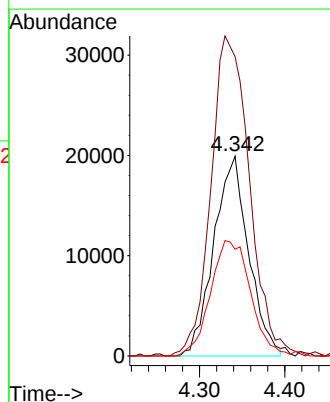
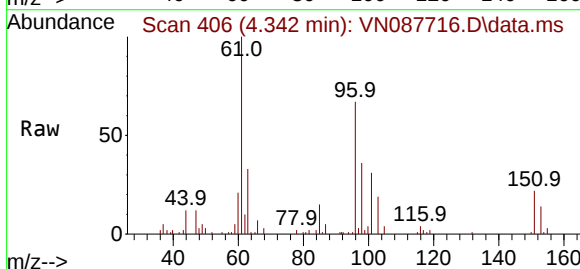
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

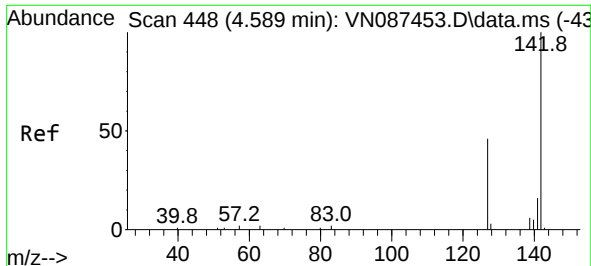
Tgt Ion:101 Resp: 61513
Ion Ratio Lower Upper
101 100
85 29.2 0.0 57.0
151 68.4 0.0 134.2



#10
1,1-Dichloroethene
Concen: 21.951 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 96 Resp: 56490
Ion Ratio Lower Upper
96 100
61 147.4 144.2 216.4
98 52.7 49.7 74.5

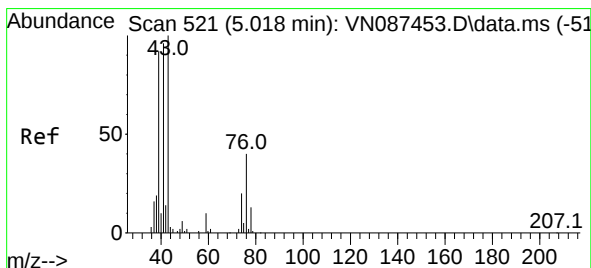
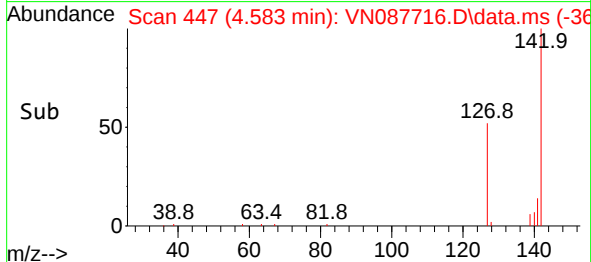
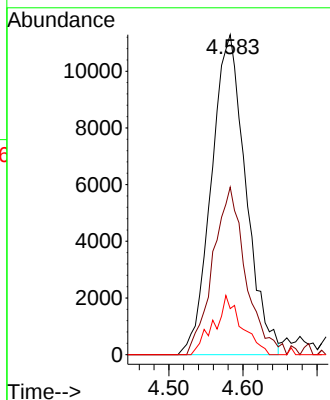
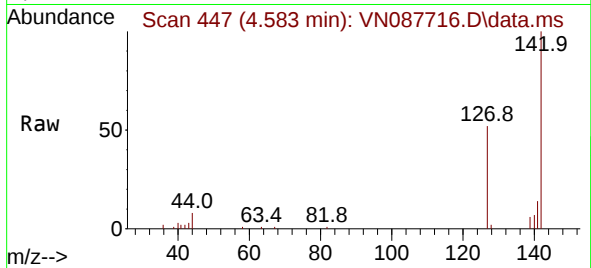




#11
Methyl Iodide
Concen: 17.964 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

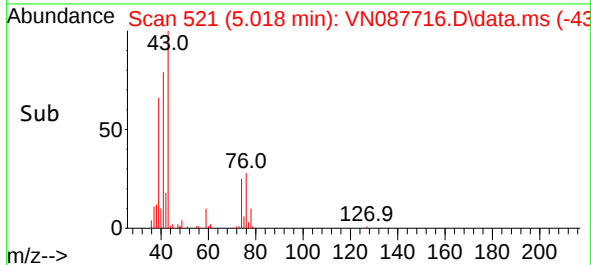
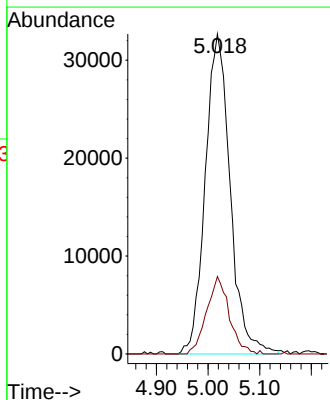
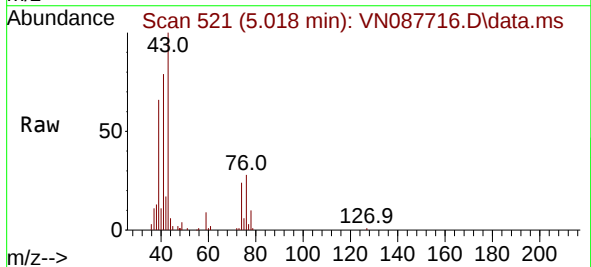
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

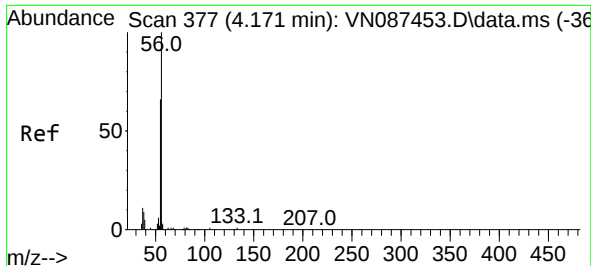
Tgt Ion:142 Resp: 36400
Ion Ratio Lower Upper
142 100
127 52.1 22.9 68.7
141 14.7 7.7 23.1



#12
Methyl Acetate
Concen: 23.051 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 43 Resp: 109468
Ion Ratio Lower Upper
43 100
74 24.3 16.0 24.0#

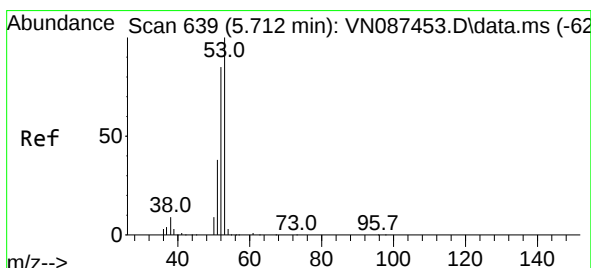
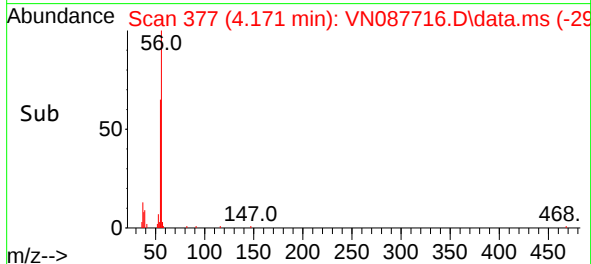
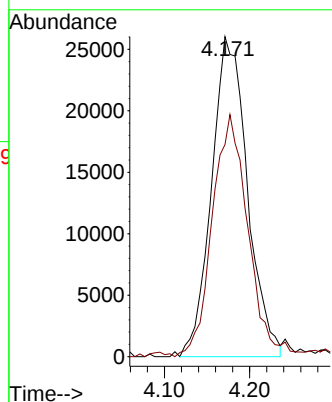
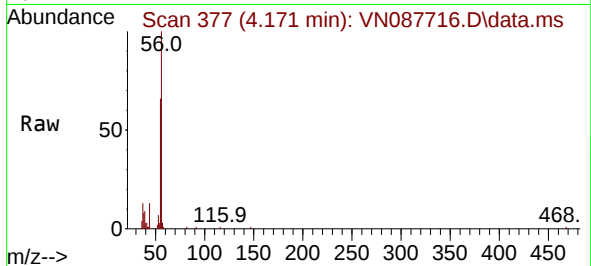




#13
Acrolein
Concen: 104.794 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

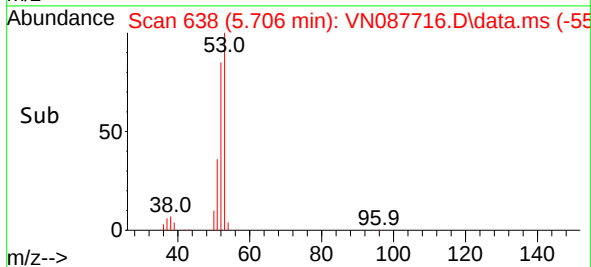
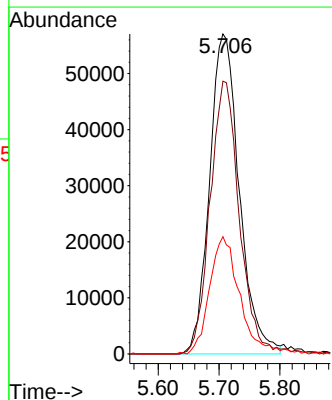
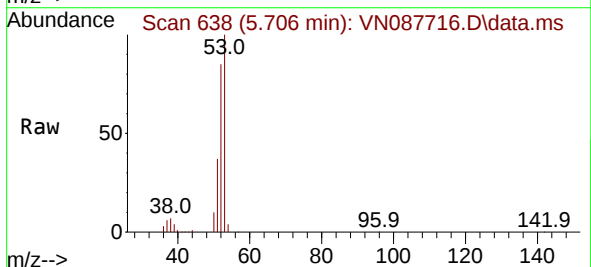
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 56 Resp: 76010
Ion Ratio Lower Upper
56 100
55 74.1 57.4 86.0



#14
Acrylonitrile
Concen: 93.426 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 53 Resp: 193739
Ion Ratio Lower Upper
53 100
52 82.8 42.4 127.2
51 35.8 18.5 55.5

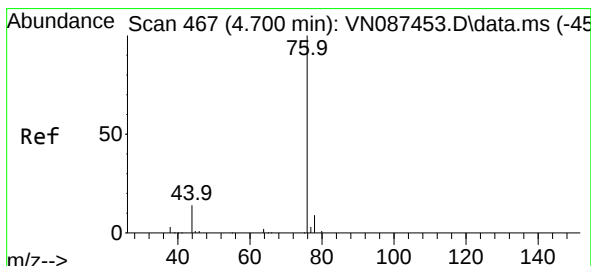
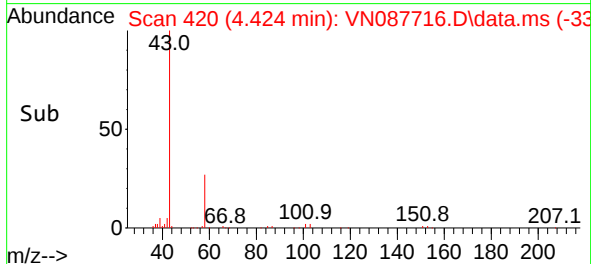
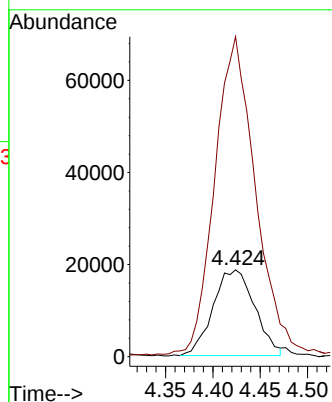
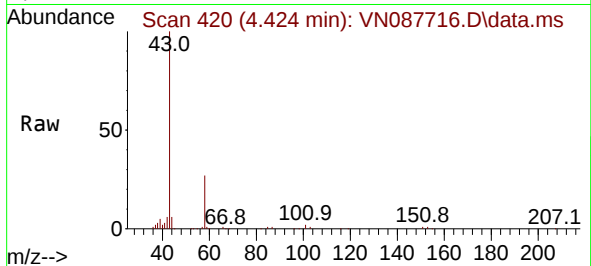




#15
Acetone
Concen: 96.319 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

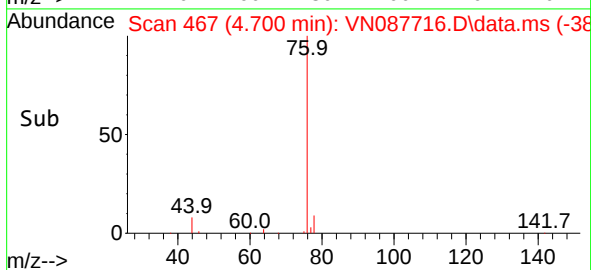
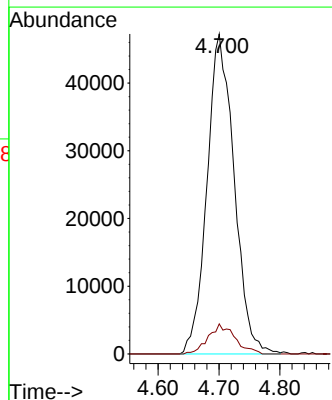
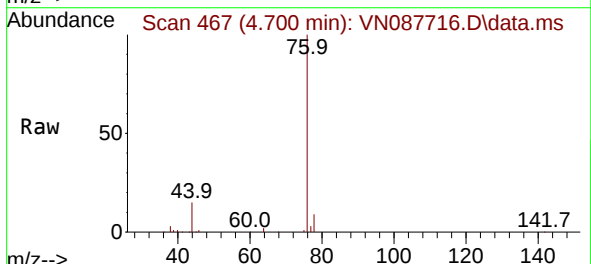
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

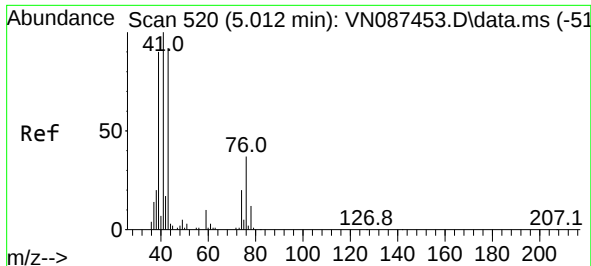
Tgt Ion: 58 Resp: 57070
Ion Ratio Lower Upper
58 100
43 366.4 268.9 403.3



#16
Carbon Disulfide
Concen: 18.335 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 76 Resp: 146362
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

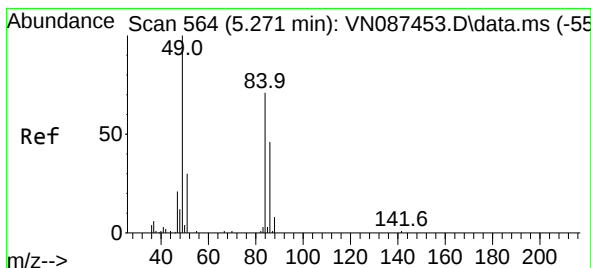
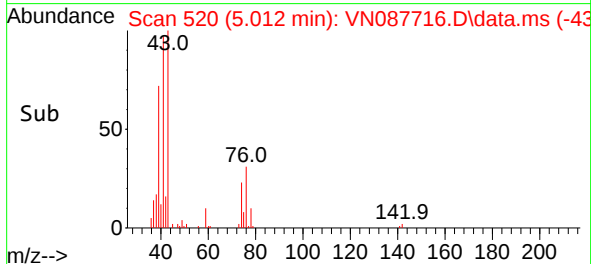
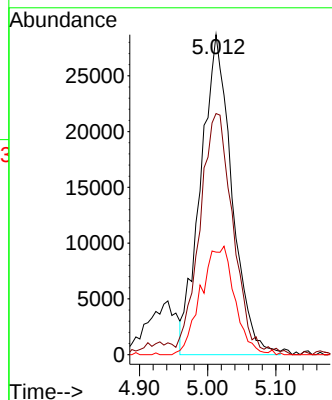
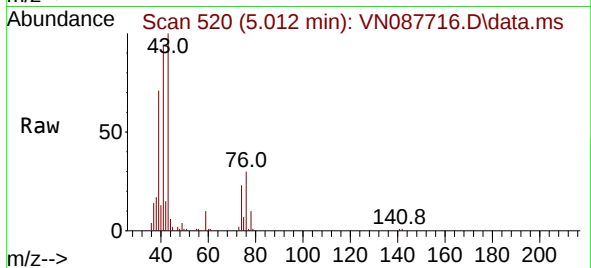




#17
 Allyl chloride
 Concen: 17.408 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

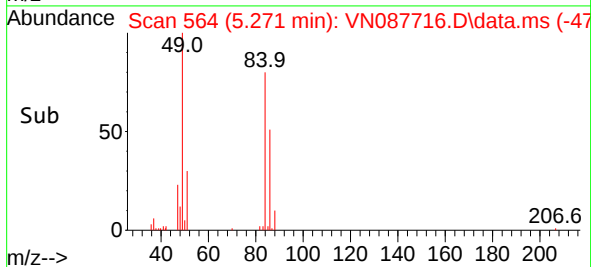
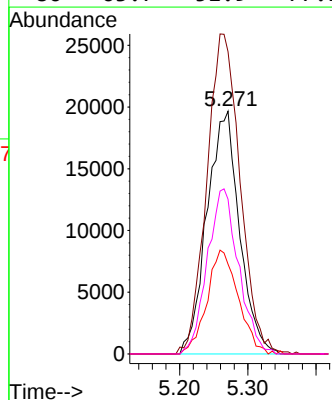
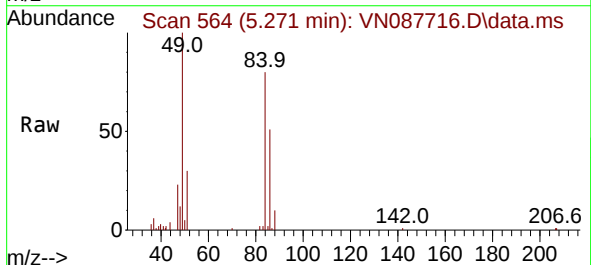
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

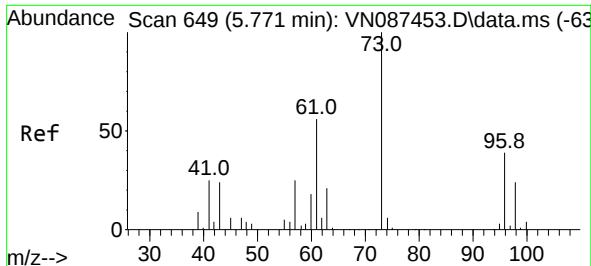
Tgt Ion: 41 Resp: 91309
 Ion Ratio Lower Upper
 41 100
 39 75.1 42.4 127.2
 76 31.8 16.9 50.6



#18
 Methylene Chloride
 Concen: 19.695 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion: 84 Resp: 65247
 Ion Ratio Lower Upper
 84 100
 49 123.6 112.9 169.3
 51 37.0 33.8 50.8
 86 63.7 51.9 77.9

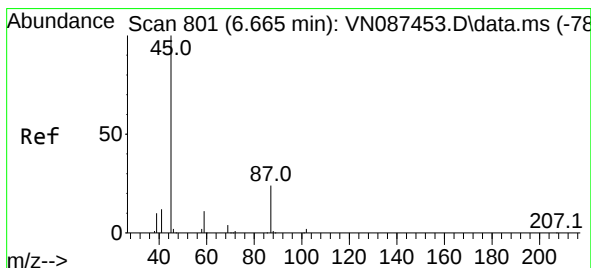
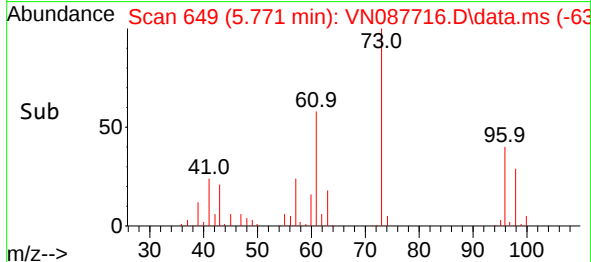
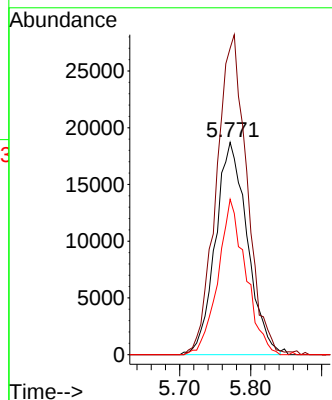
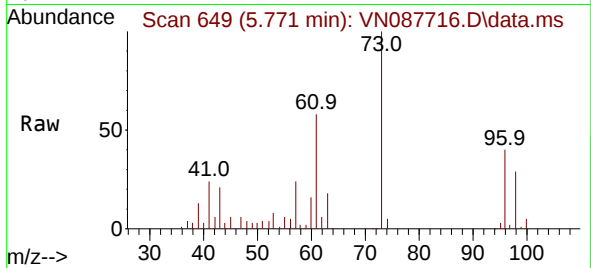




#19
trans-1,2-Dichloroethene
Concen: 19.036 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

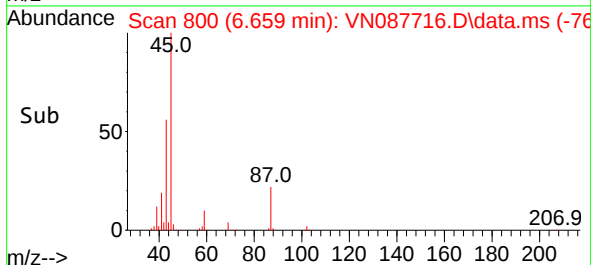
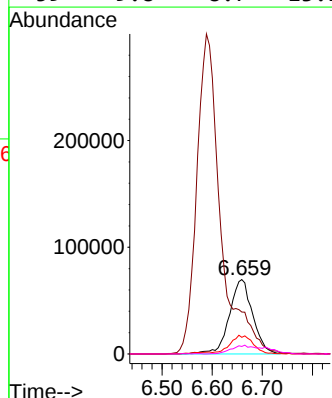
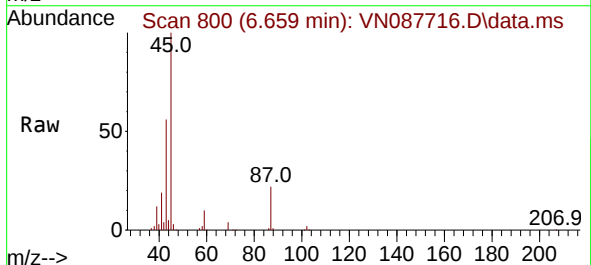
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 96 Resp: 58256
Ion Ratio Lower Upper
96 100
61 144.3 114.2 171.4
98 73.2 48.7 73.1#



#20
Diisopropyl ether
Concen: 18.829 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 45 Resp: 224989
Ion Ratio Lower Upper
45 100
43 54.6 44.7 67.1
87 22.0 20.2 30.2
59 9.8 8.7 13.1

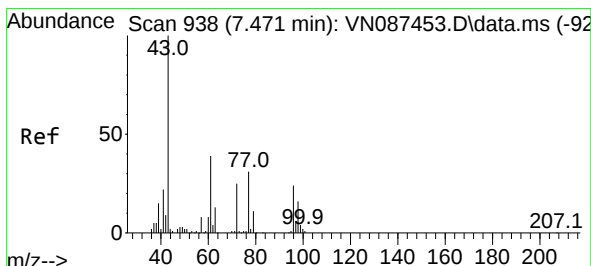
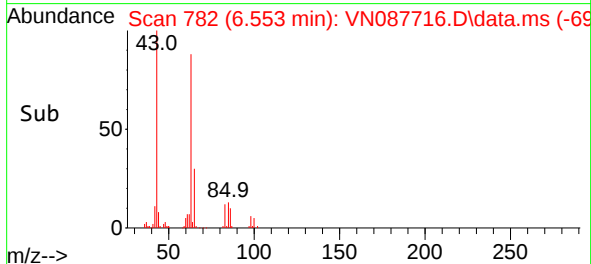
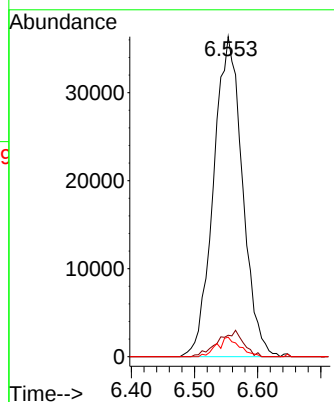
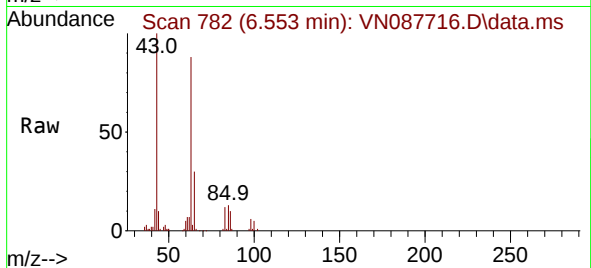




#21
1,1-Dichloroethane
Concen: 18.729 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

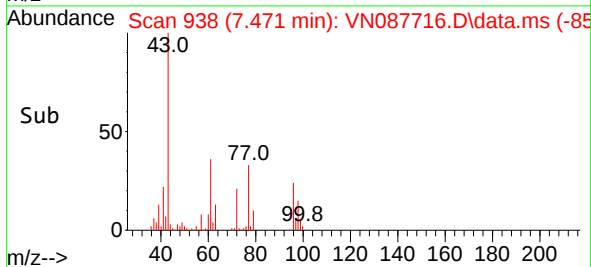
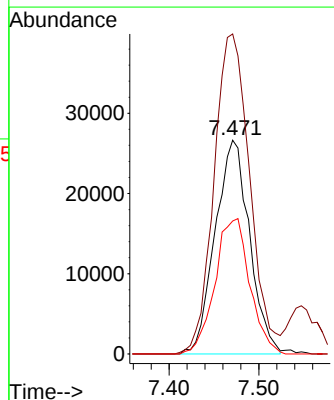
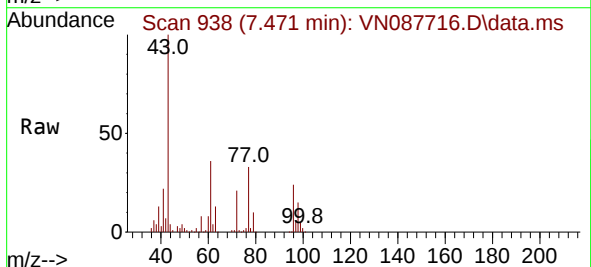
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 63 Resp: 115682
Ion Ratio Lower Upper
63 100
98 6.7 3.0 9.0
100 6.1 1.9 5.7#



#22
cis-1,2-Dichloroethene
Concen: 18.812 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 96 Resp: 70834
Ion Ratio Lower Upper
96 100
61 155.5 126.6 190.0
98 64.1 50.9 76.3

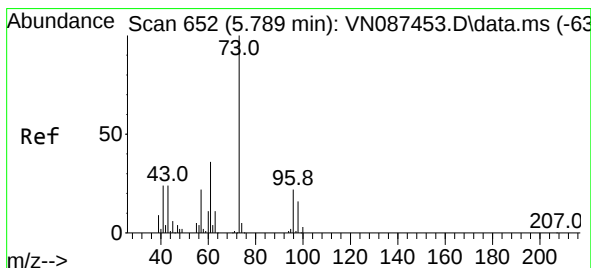
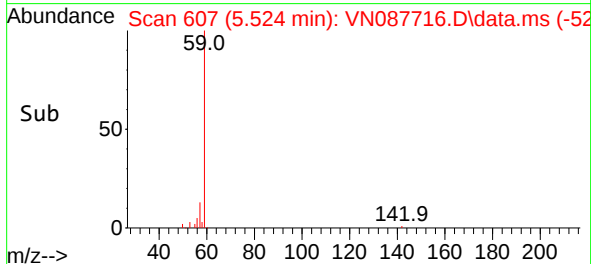
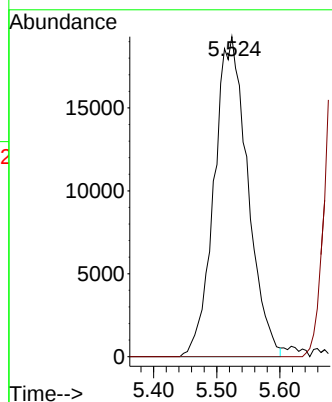
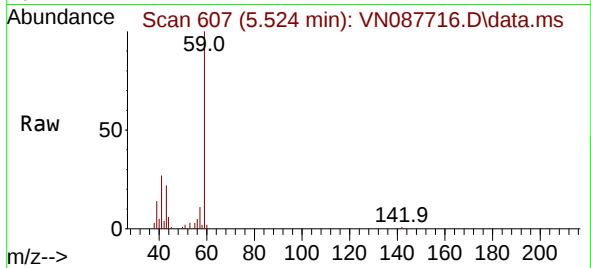




#23
tert-Butyl Alcohol
Concen: 80.841 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

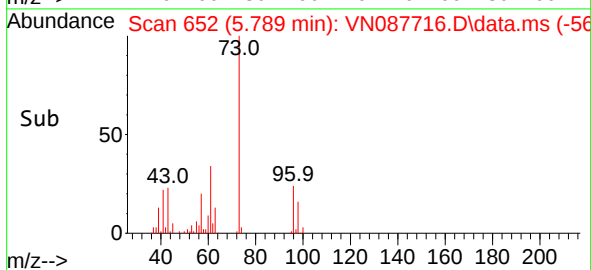
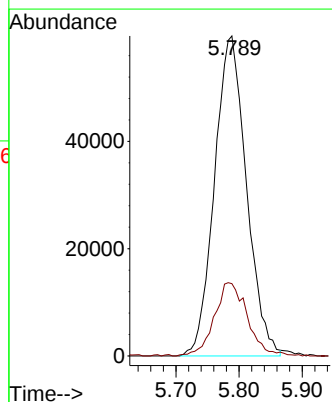
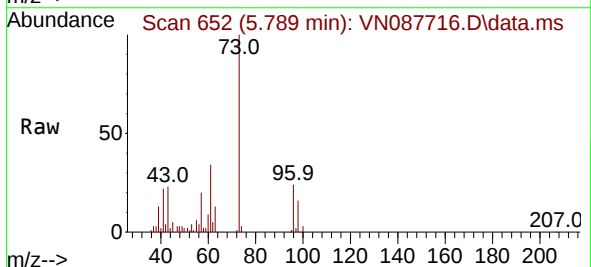
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

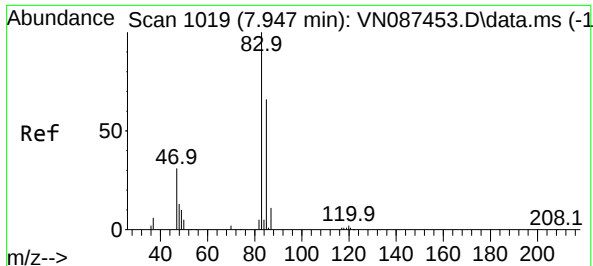
Tgt Ion: 59 Resp: 71235
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.887 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 73 Resp: 209746
Ion Ratio Lower Upper
73 100
43 23.3 19.9 29.9





#25

Chloroform

Concen: 19.605 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

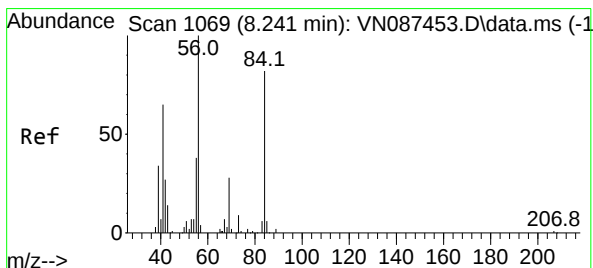
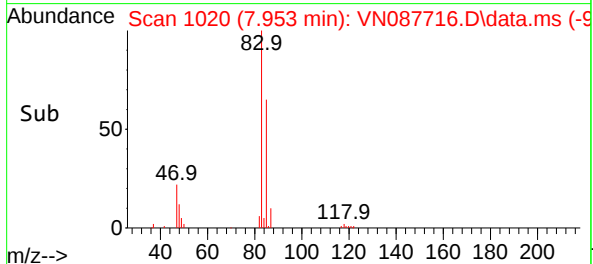
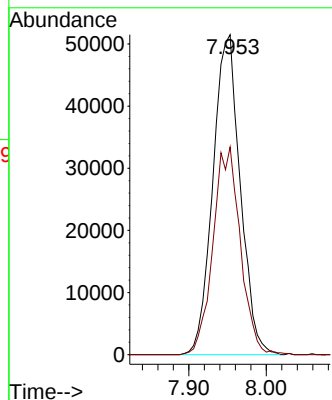
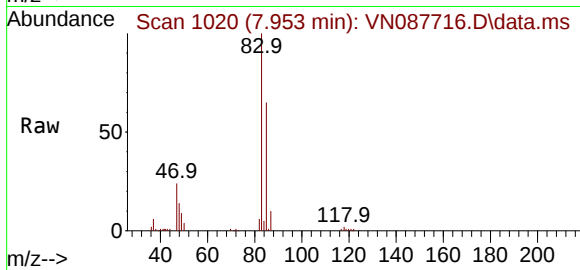
VN0904WBSD01

Tgt Ion: 83 Resp: 126402

Ion Ratio Lower Upper

83 100

85 64.9 52.6 78.8



#26

Cyclohexane

Concen: 18.156 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

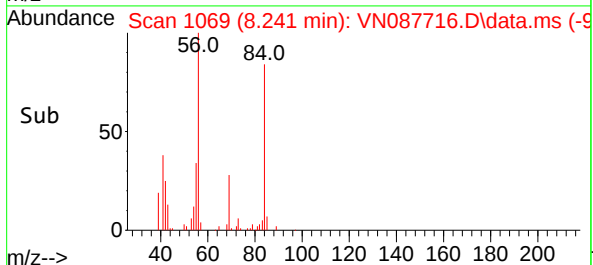
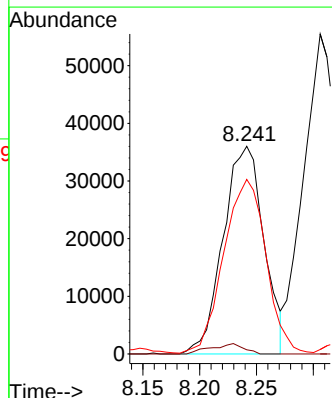
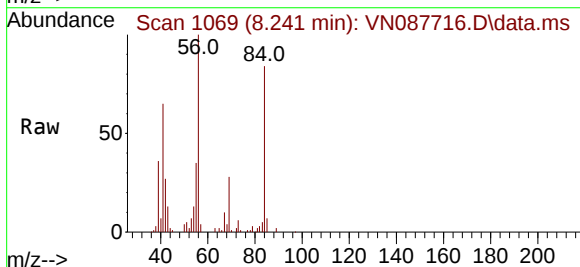
Tgt Ion: 56 Resp: 89790

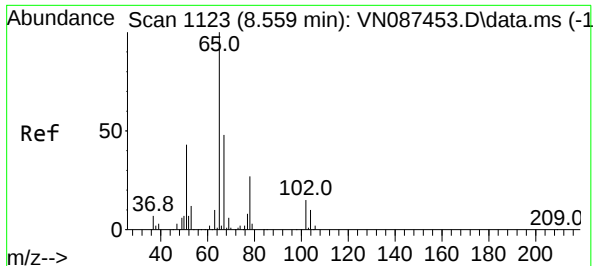
Ion Ratio Lower Upper

56 100

89 4.0 2.3 3.5#

84 87.4 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 27.798 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

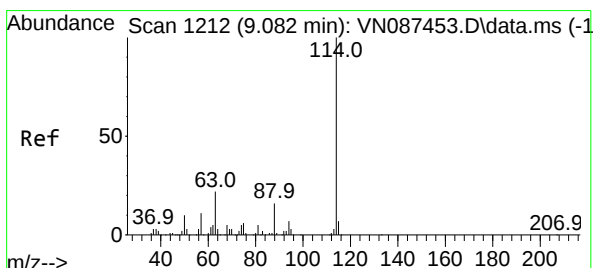
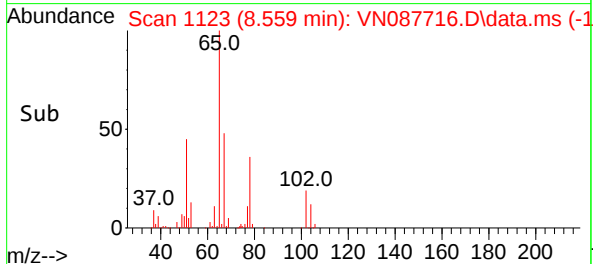
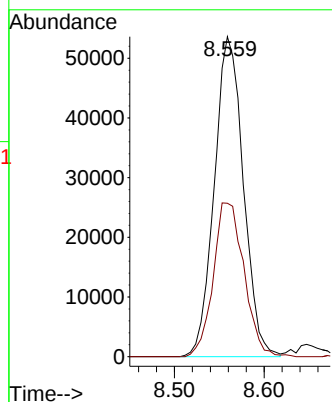
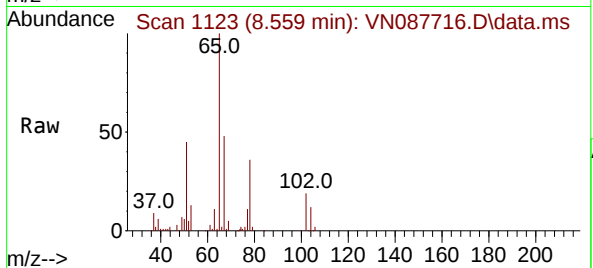
VN0904WBSD01

Tgt Ion: 65 Resp: 120474

Ion Ratio Lower Upper

65 100

67 50.8 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: VN087716.D

Acq: 04 Sep 2025 12:38

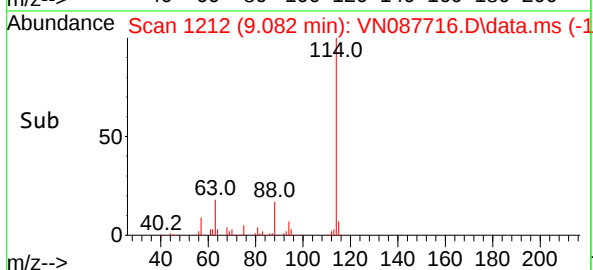
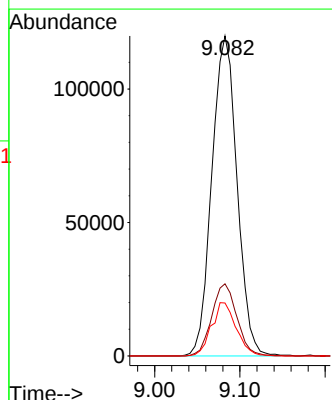
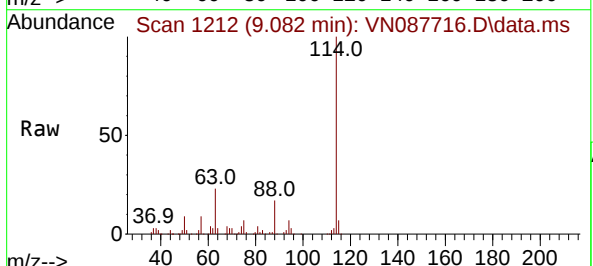
Tgt Ion: 114 Resp: 246294

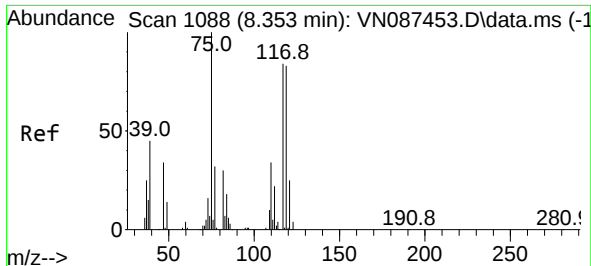
Ion Ratio Lower Upper

114 100

63 22.4 18.9 28.3

88 16.3 13.1 19.7

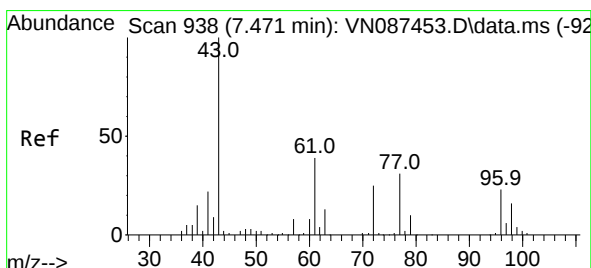
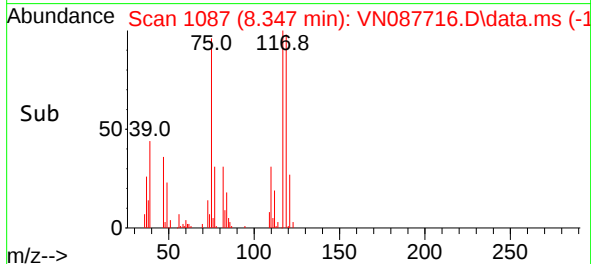
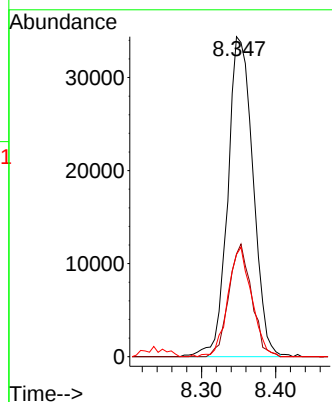
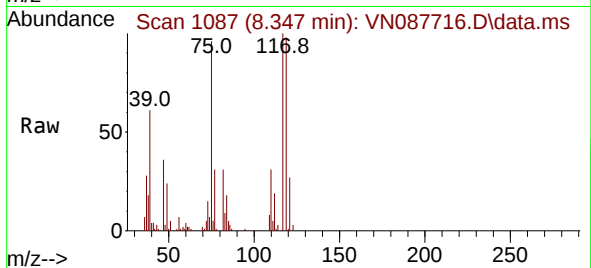




#29
1,1-Dichloropropene
Concen: 20.245 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

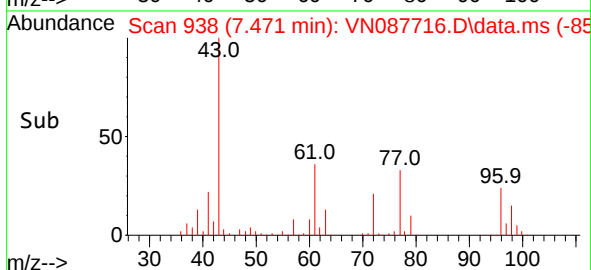
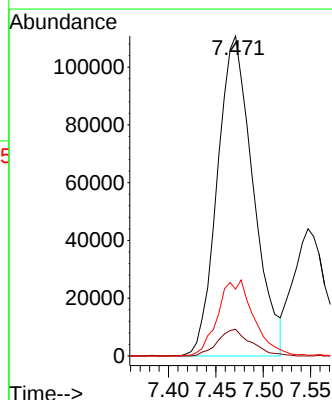
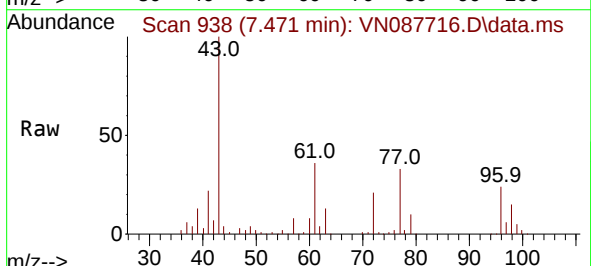
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

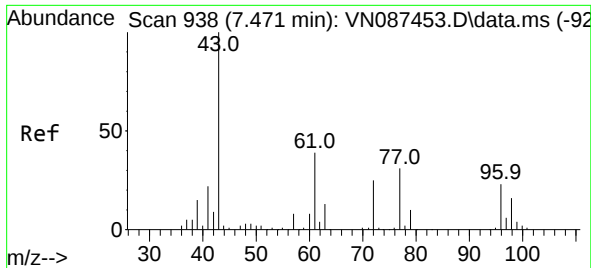
Tgt Ion: 75 Resp: 81325
Ion Ratio Lower Upper
75 100
110 31.9 0.0 65.8
77 31.8 0.0 63.6



#30
2-Butanone
Concen: 98.404 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 43 Resp: 291380
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 13.0 19.7 29.5#

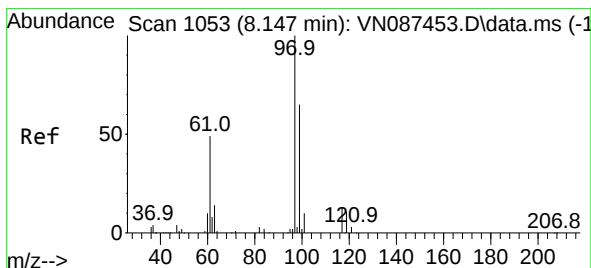
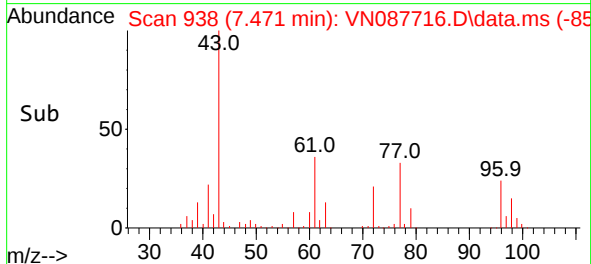
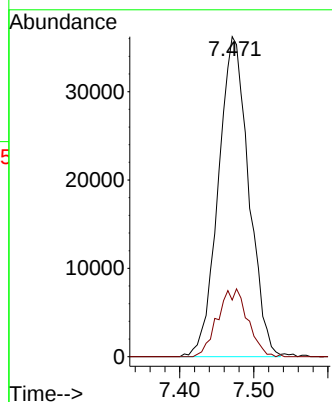
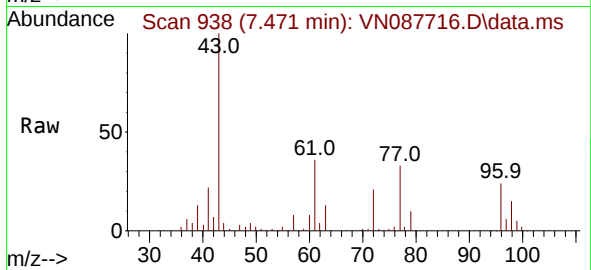




#31
2,2-Dichloropropane
Concen: 19.946 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

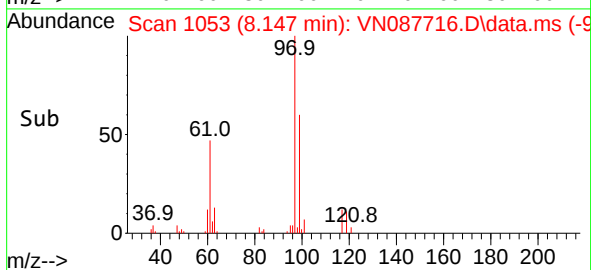
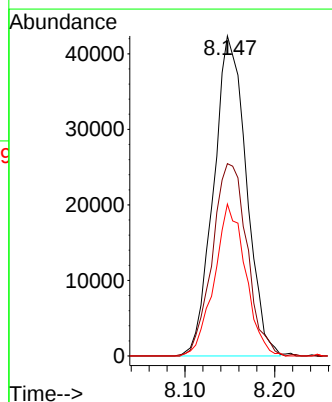
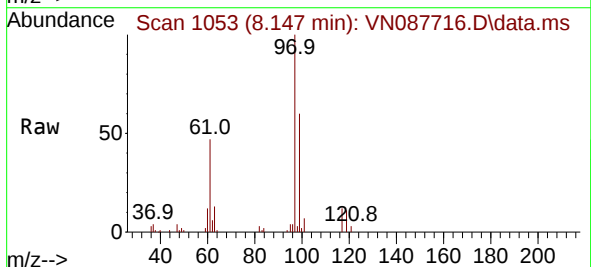
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

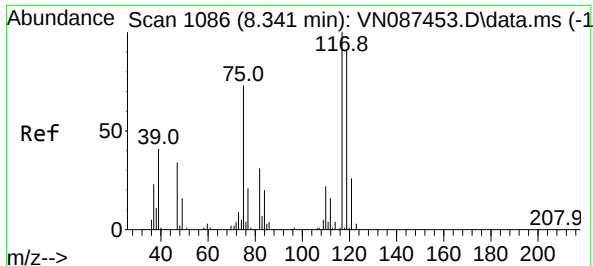
Tgt Ion: 77 Resp: 103342
Ion Ratio Lower Upper
77 100
97 11.3 16.7 25.1#



#32
1,1,1-Trichloroethane
Concen: 20.969 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 97 Resp: 107431
Ion Ratio Lower Upper
97 100
99 63.5 53.0 79.6
61 45.2 40.6 61.0

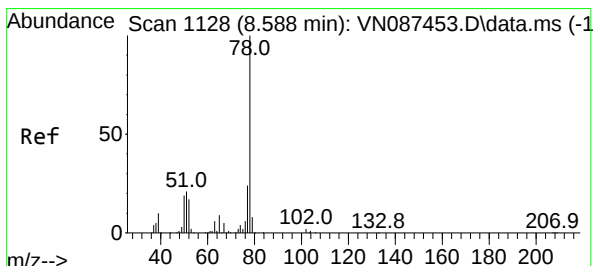
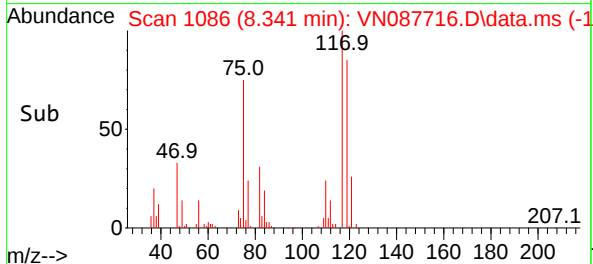
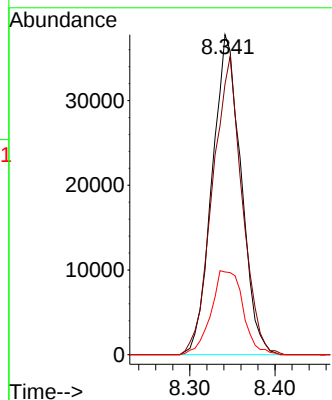
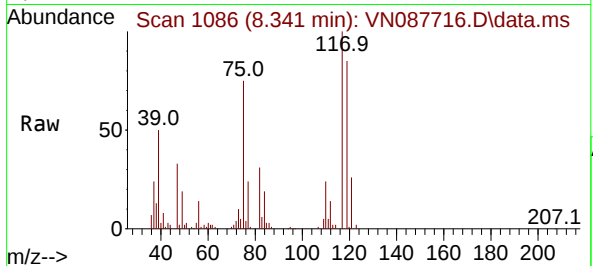




#33
Carbon Tetrachloride
Concen: 20.870 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

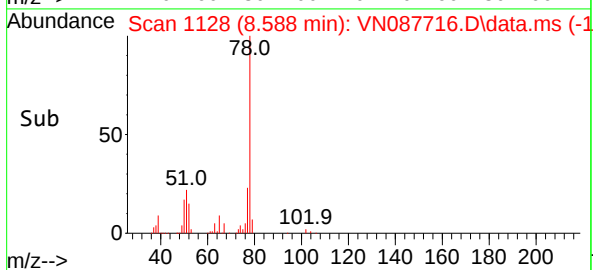
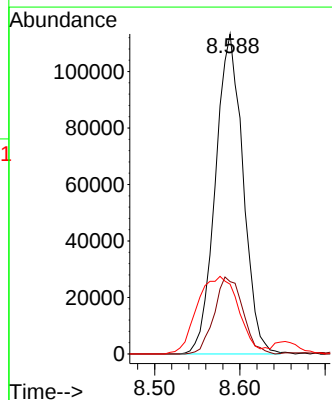
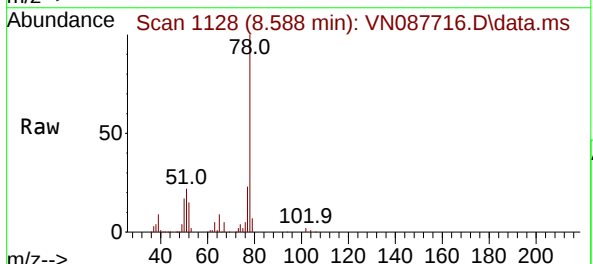
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:117 Resp: 88828
Ion Ratio Lower Upper
117 100
119 84.5 73.4 110.0
121 25.8 21.1 31.7



#34
Benzene
Concen: 20.073 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 78 Resp: 254532
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8
51 20.0 16.9 25.3

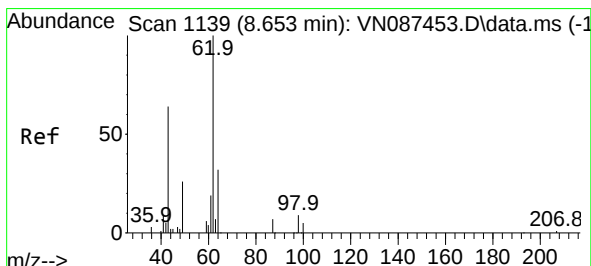
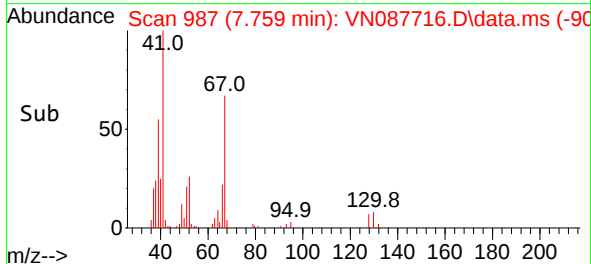
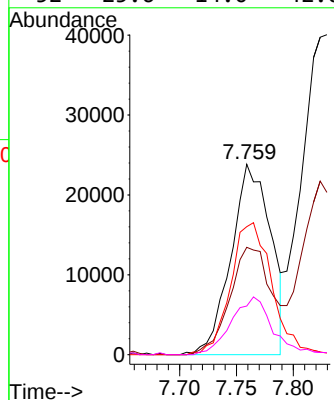
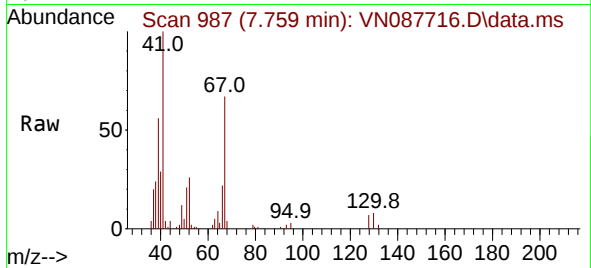




#35
Methacrylonitrile
Concen: 18.116 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

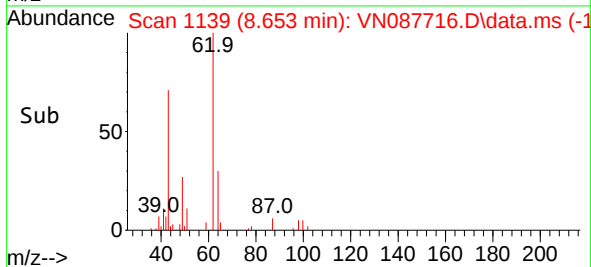
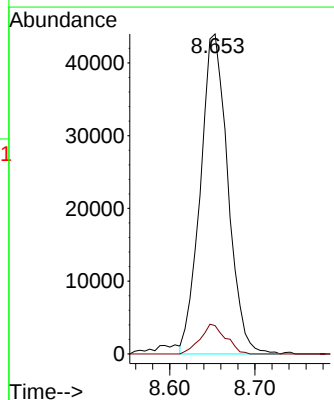
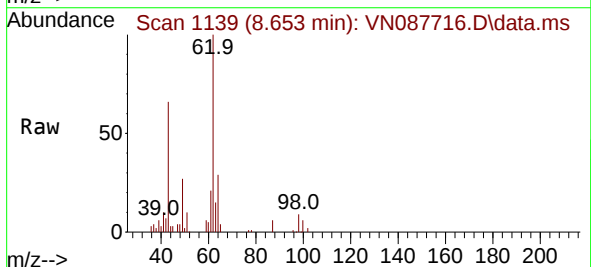
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:	41	Resp:	57887
Ion	Ratio	Lower	Upper
41	100		
39	56.4	30.1	90.5
67	67.2	32.0	96.2
52	25.6	14.0	42.0



#36
1,2-Dichloroethane
Concen: 19.247 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion:	62	Resp:	98643
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.6	9.8





#37

Trichloroethene

Concen: 20.890 ug/l

RT: 9.330 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

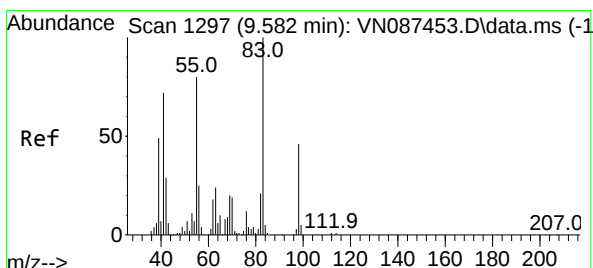
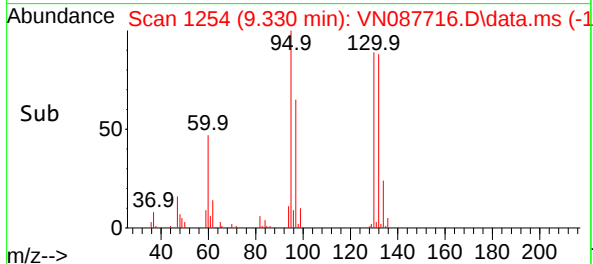
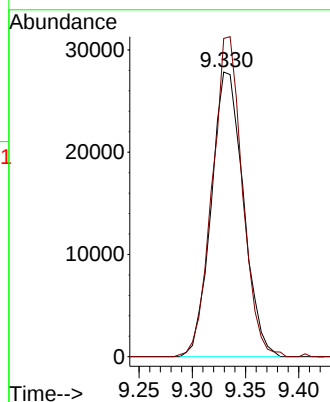
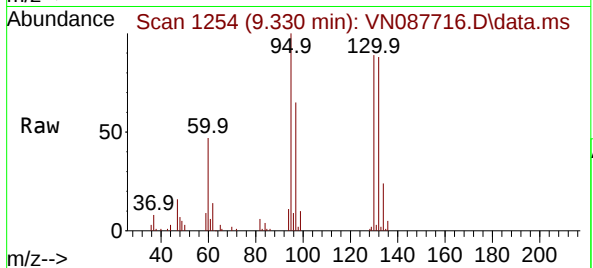
VN0904WBSD01

Tgt Ion:130 Resp: 58350

Ion Ratio Lower Upper

130 100

95 111.1 91.4 137.2



#38

Methylcyclohexane

Concen: 19.060 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

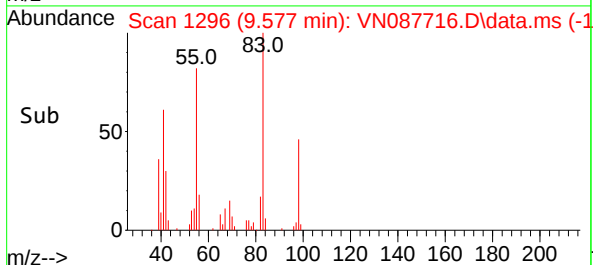
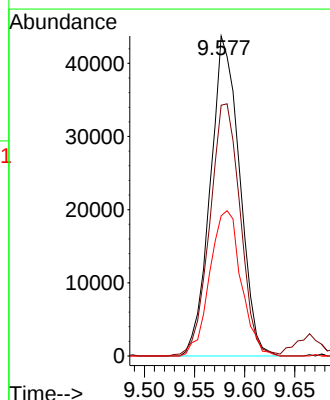
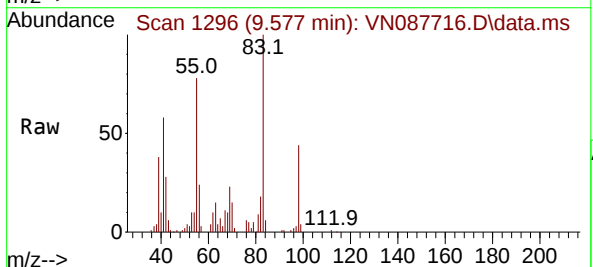
Tgt Ion: 83 Resp: 88823

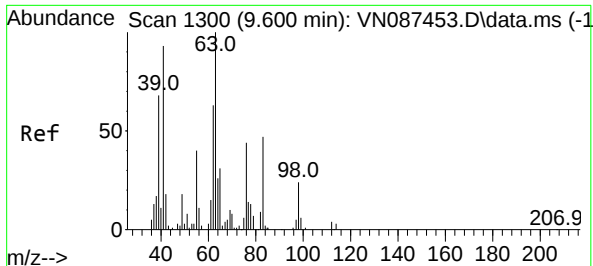
Ion Ratio Lower Upper

83 100

55 81.9 41.2 123.6

98 48.6 23.3 69.9





#39

1,2-Dichloropropane

Concen: 21.119 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

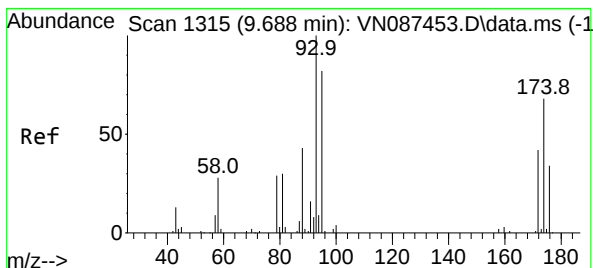
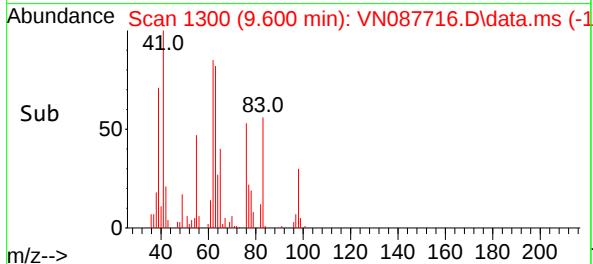
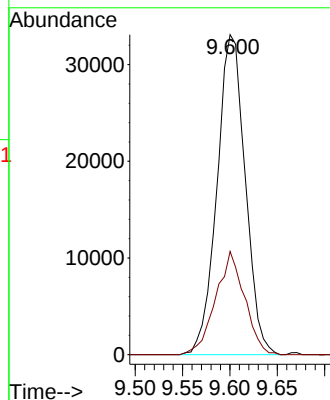
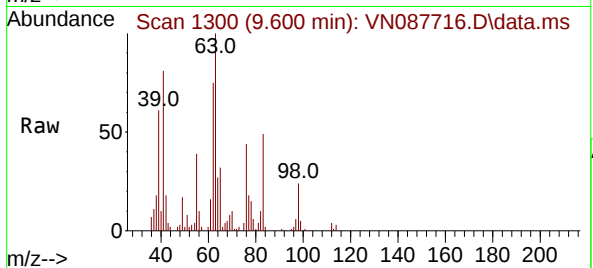
VN0904WBSD01

Tgt Ion: 63 Resp: 68663

Ion Ratio Lower Upper

63 100

65 32.3 24.6 36.8



#40

Dibromomethane

Concen: 20.509 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

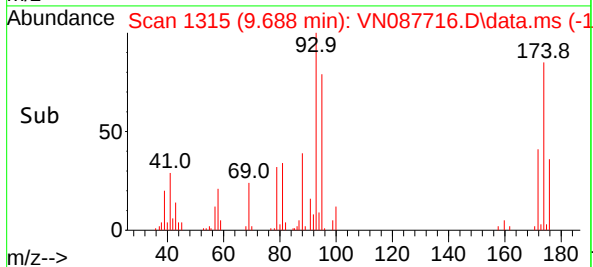
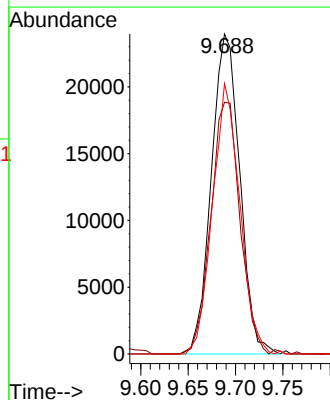
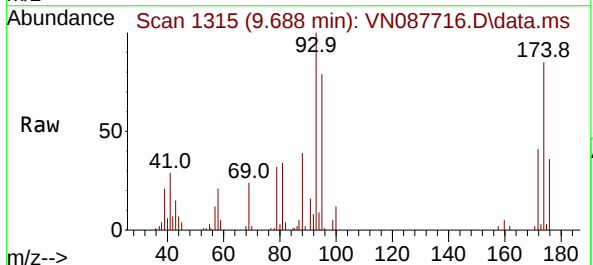
Tgt Ion: 93 Resp: 50029

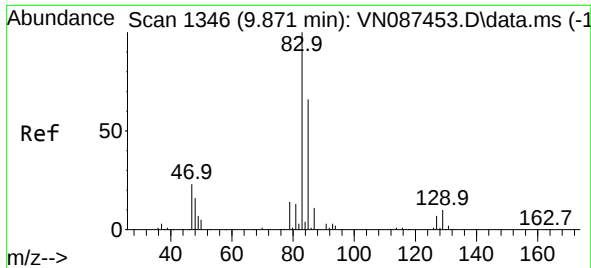
Ion Ratio Lower Upper

93 100

95 80.5 0.0 161.6

174 81.0 0.0 151.4

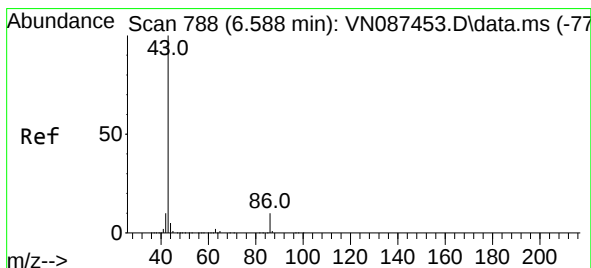
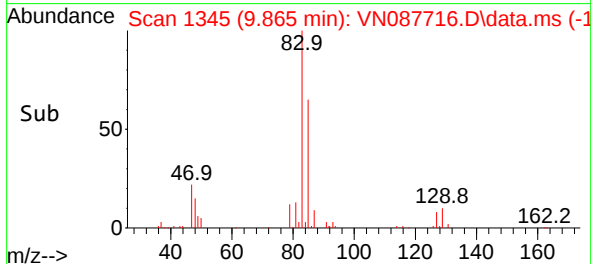
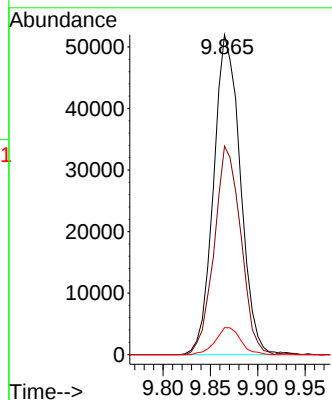
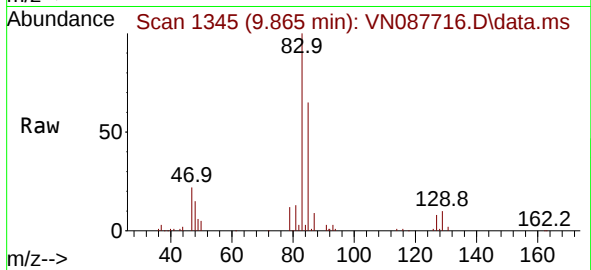




#41
Bromodichloromethane
Concen: 20.115 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

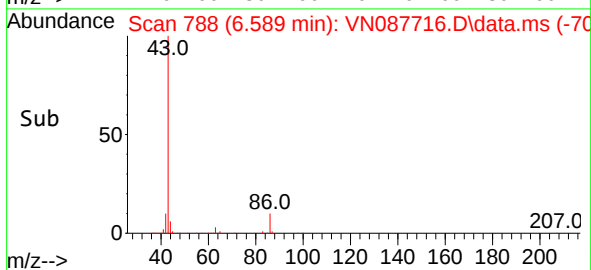
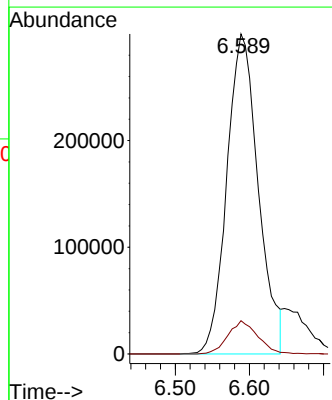
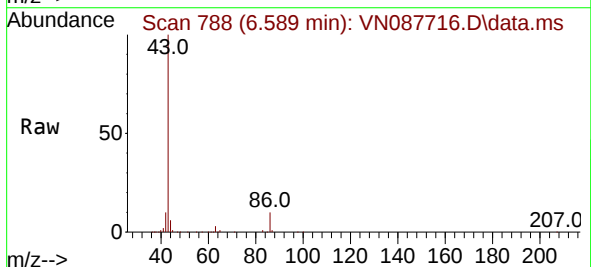
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

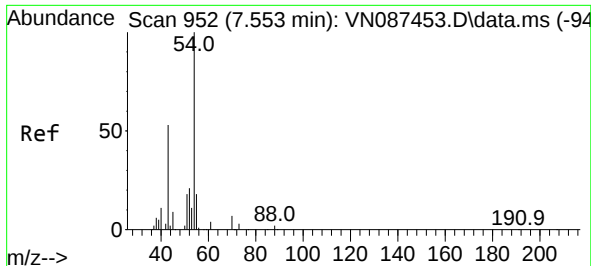
Tgt Ion: 83 Resp: 101960
Ion Ratio Lower Upper
83 100
85 65.2 52.9 79.3
127 8.4 5.8 8.6



#42
Vinyl Acetate
Concen: 90.770 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 43 Resp: 885124
Ion Ratio Lower Upper
43 100
86 9.9 7.3 10.9

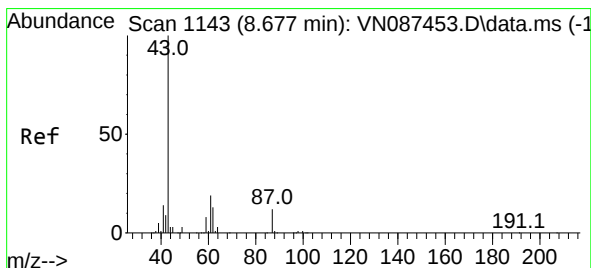
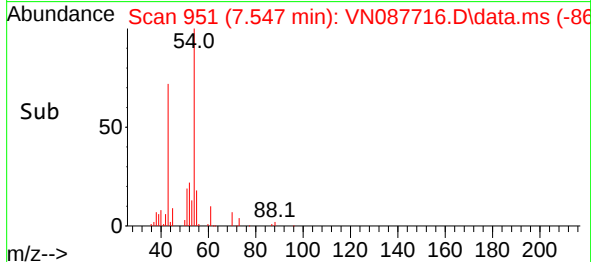
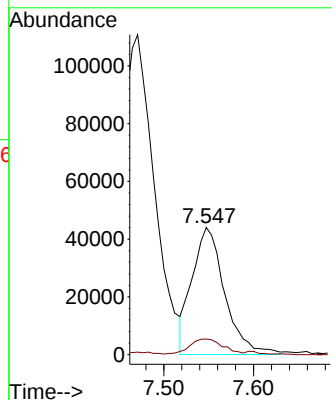
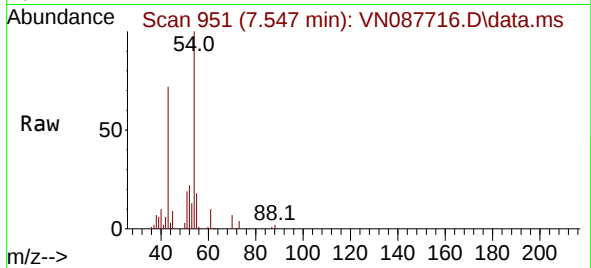




#43
Ethyl Acetate
Concen: 19.441 ug/l
RT: 7.547 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

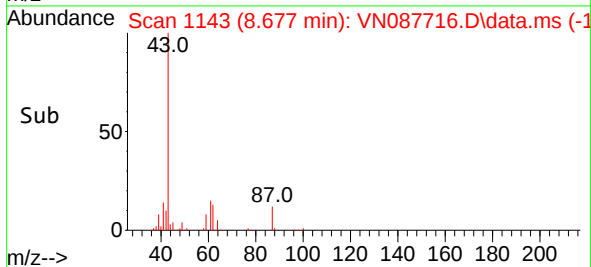
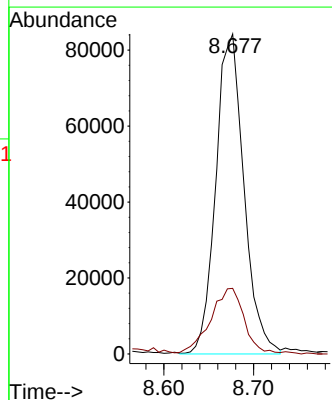
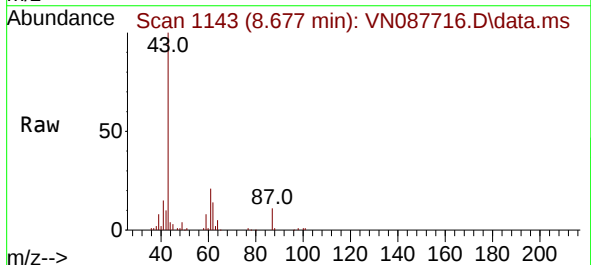
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

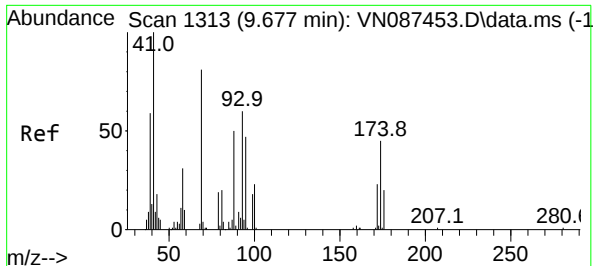
Tgt Ion: 43 Resp: 111211
Ion Ratio Lower Upper
43 100
45 12.8 11.1 16.7



#44
Isopropyl Acetate
Concen: 18.922 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 43 Resp: 183479
Ion Ratio Lower Upper
43 100
61 24.6 18.6 28.0





#45

1,4-Dioxane

Concen: 385.110 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

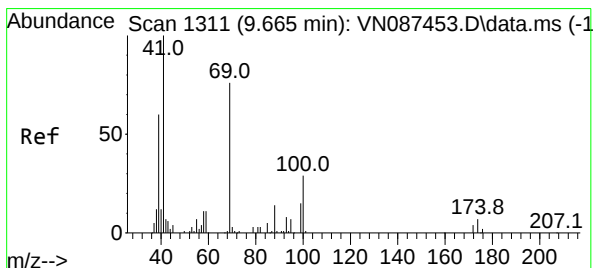
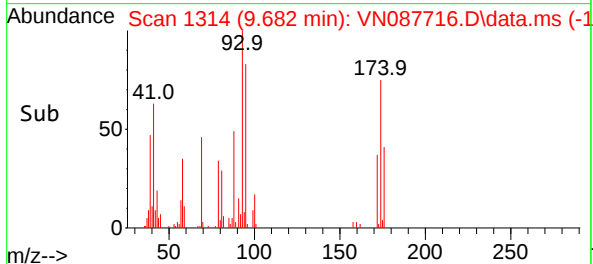
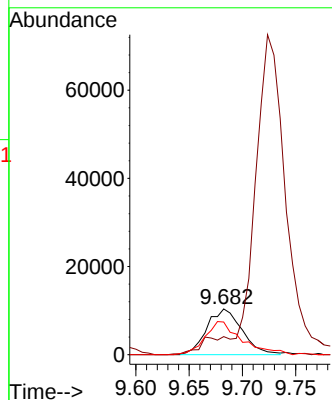
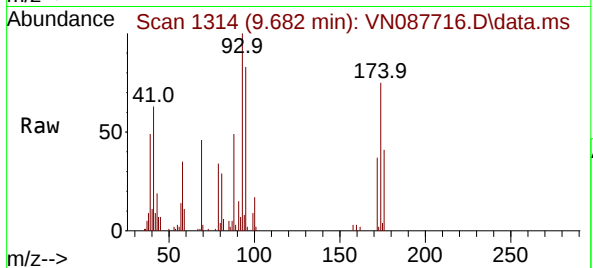
Tgt Ion: 88 Resp: 23806

Ion Ratio Lower Upper

88 100

43 11.7 24.1 36.1#

58 75.2 57.2 85.8



#46

Methyl methacrylate

Concen: 17.548 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

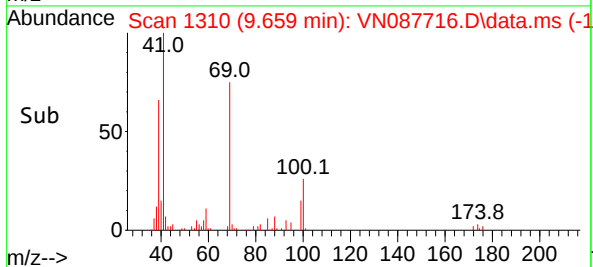
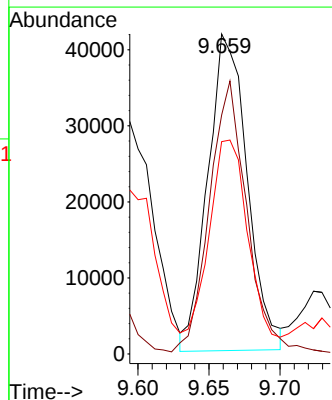
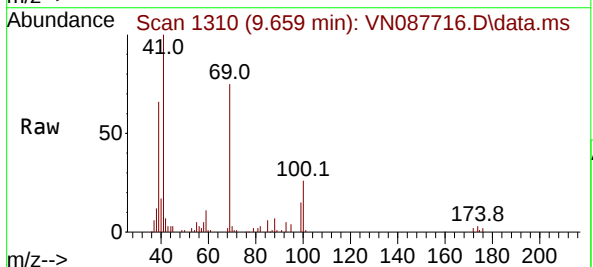
Tgt Ion: 41 Resp: 80320

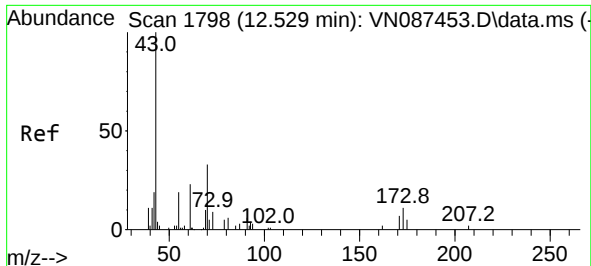
Ion Ratio Lower Upper

41 100

69 76.1 37.1 111.5

39 65.3 30.7 92.1

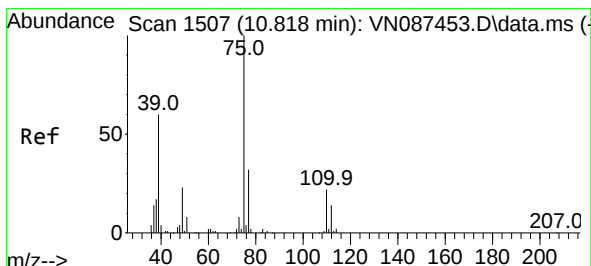
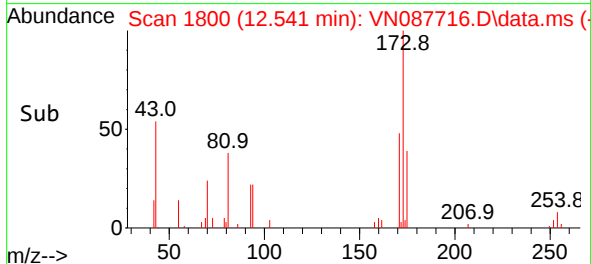
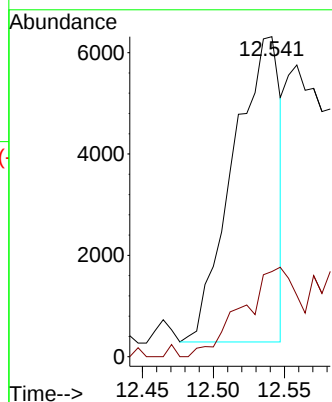
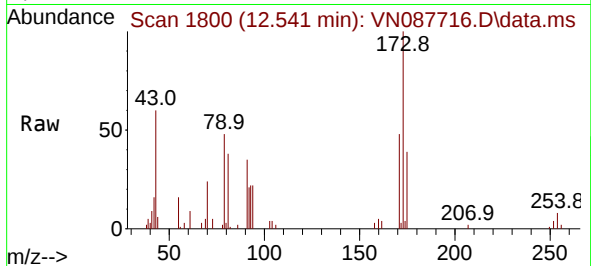




#47
n-amy1 Acetate
Concen: 2.586 ug/l
RT: 12.541 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

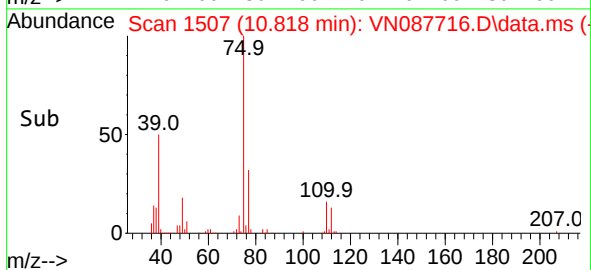
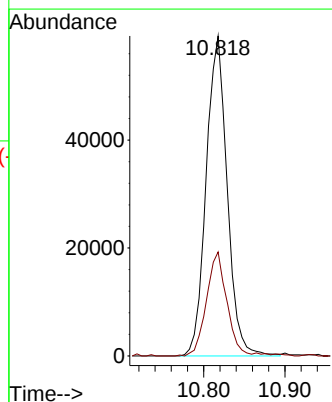
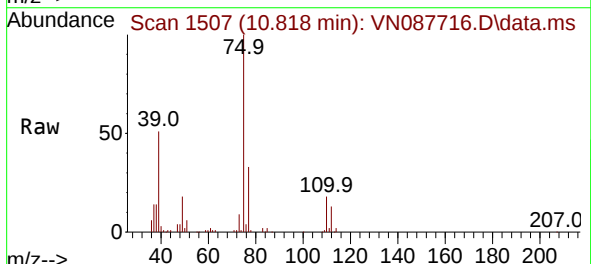
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

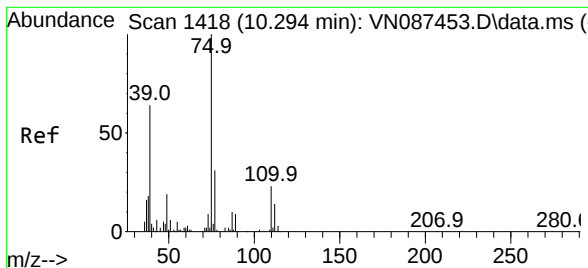
Tgt Ion: 43 Resp: 13853
Ion Ratio Lower Upper
43 100
55 14.3 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 19.344 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 75 Resp: 106677
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

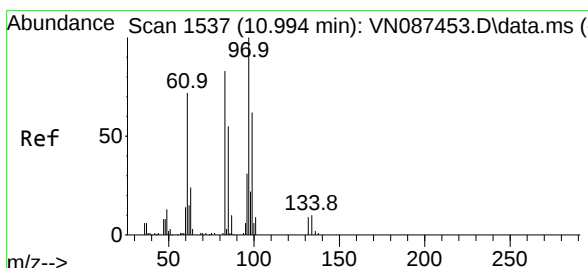
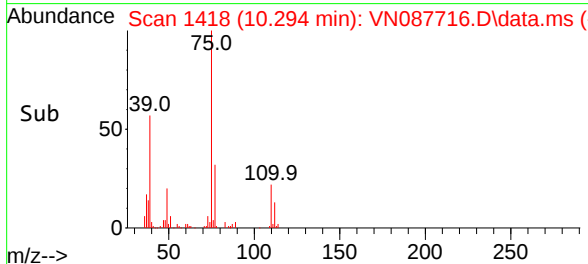
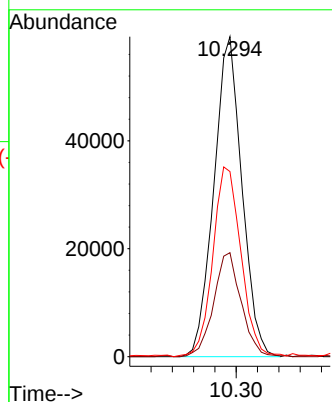
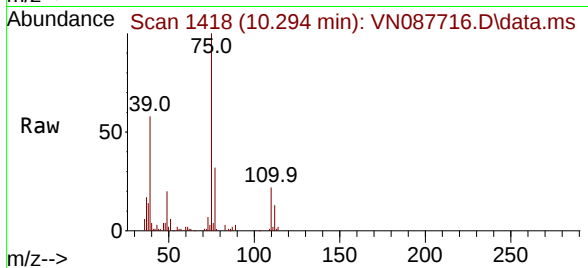




#49
 cis-1,3-Dichloropropene
 Concen: 19.503 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

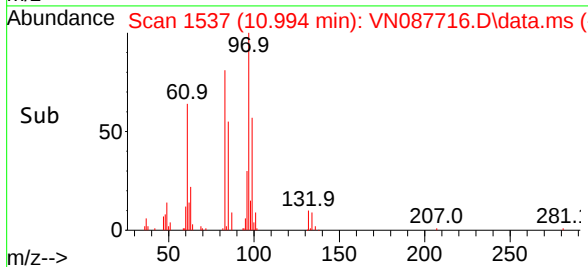
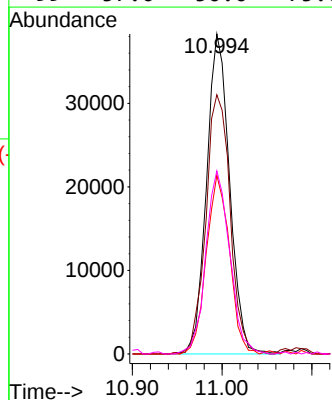
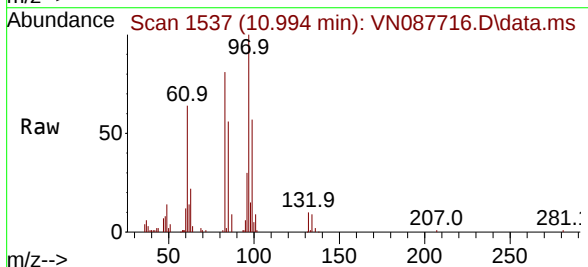
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

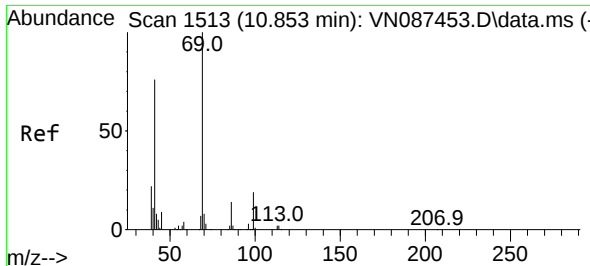
Tgt Ion: 75 Resp: 108236
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 57.5 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 22.146 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion: 97 Resp: 68256
 Ion Ratio Lower Upper
 97 100
 83 81.3 66.2 99.2
 85 56.0 43.9 65.9
 99 57.0 50.0 75.0

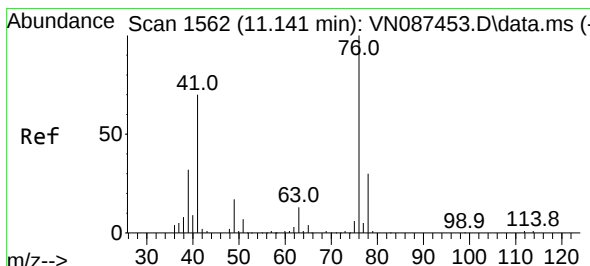
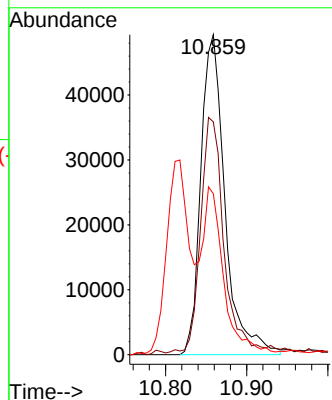
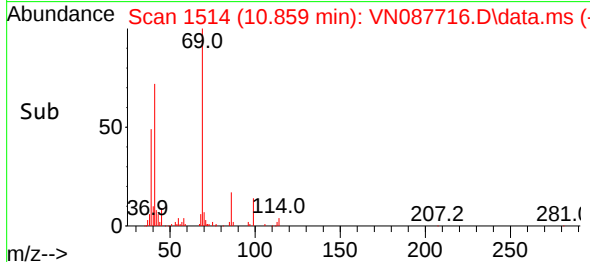
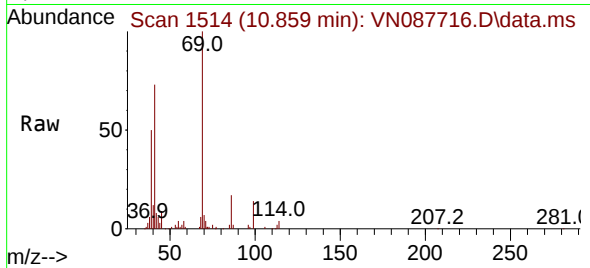




#51
Ethyl methacrylate
Concen: 18.772 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

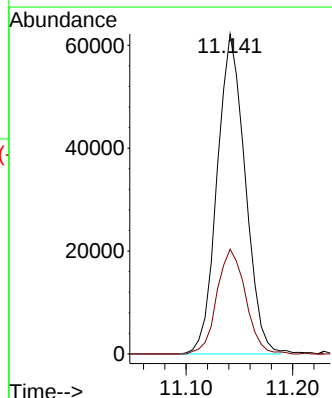
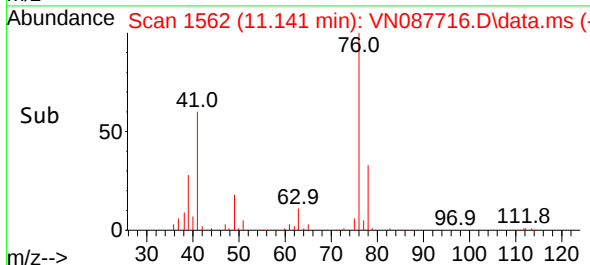
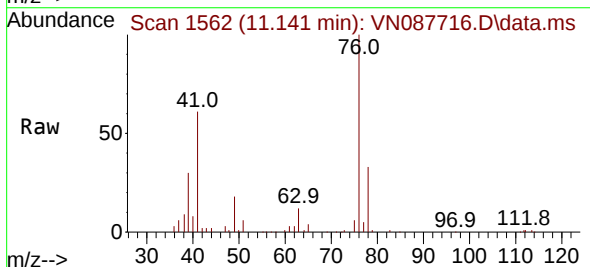
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

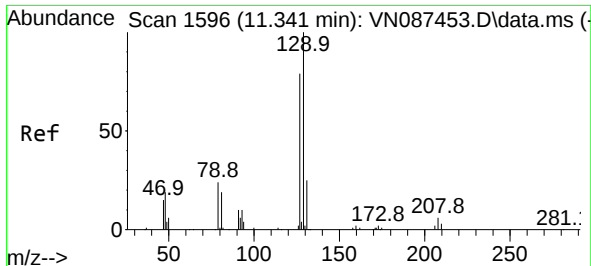
Tgt Ion: 69 Resp: 101895
Ion Ratio Lower Upper
69 100
41 71.6 38.0 114.1
39 49.3 23.2 69.5



#52
1,3-Dichloropropane
Concen: 20.465 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 76 Resp: 113637
Ion Ratio Lower Upper
76 100
78 33.4 0.0 63.0

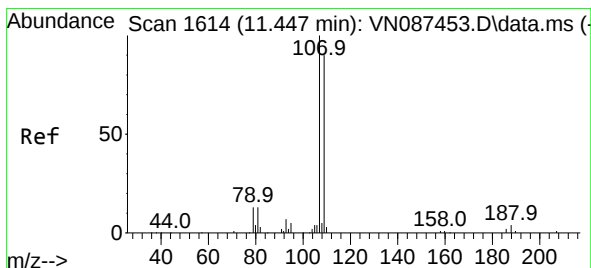
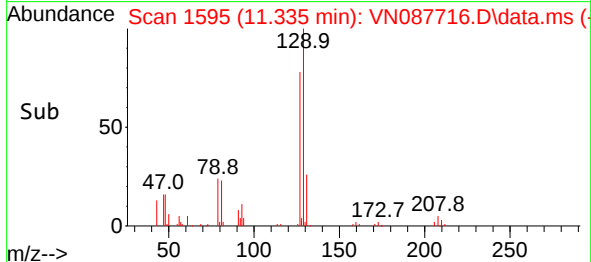
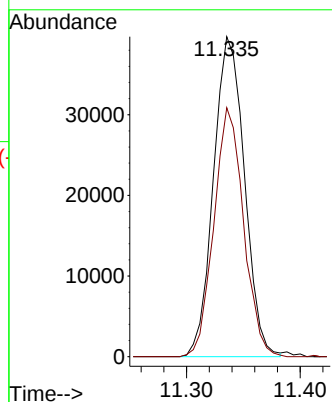
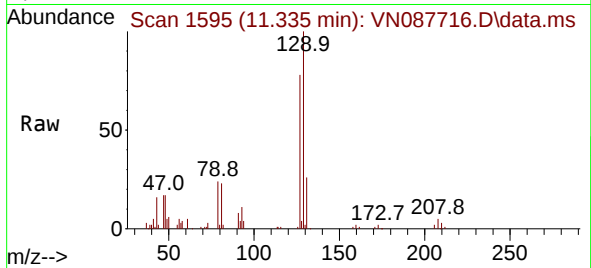




#53
Dibromochloromethane
Concen: 21.125 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

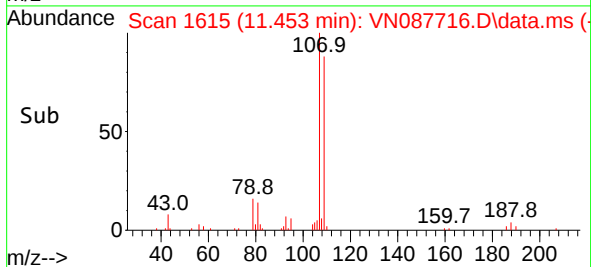
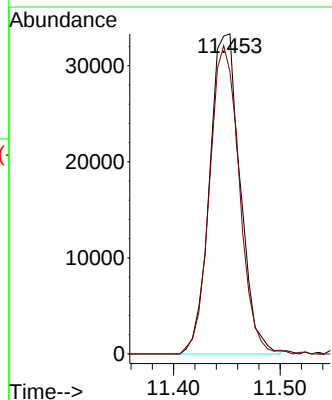
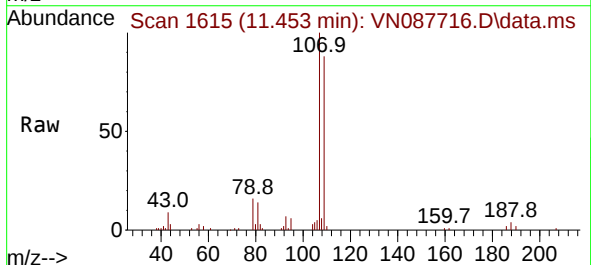
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

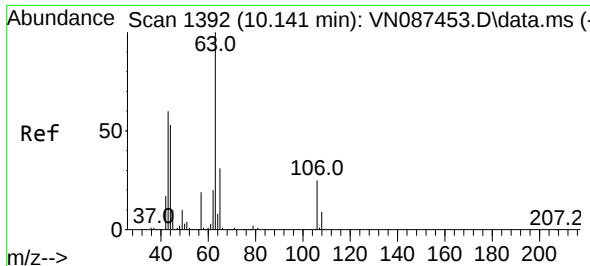
Tgt Ion:129 Resp: 75193
Ion Ratio Lower Upper
129 100
127 74.3 39.1 117.3



#54
1,2-Dibromoethane
Concen: 20.230 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion:107 Resp: 66187
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.4

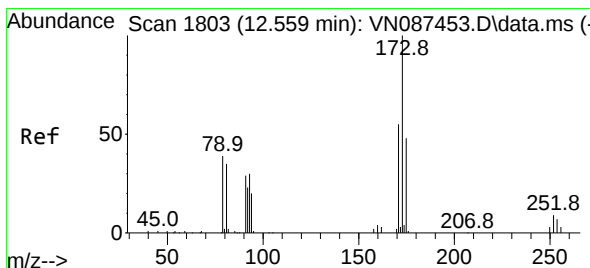
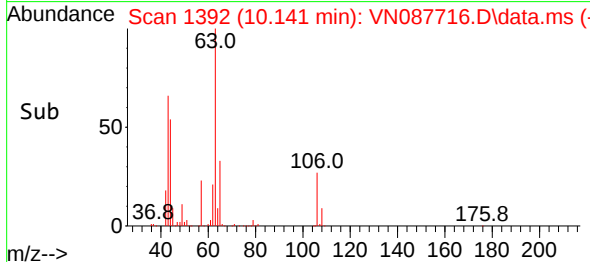
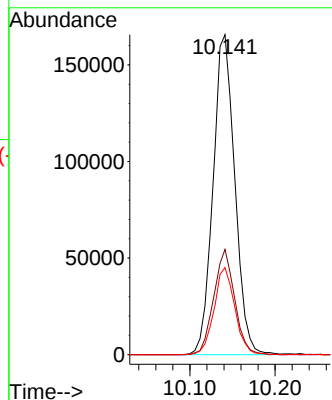
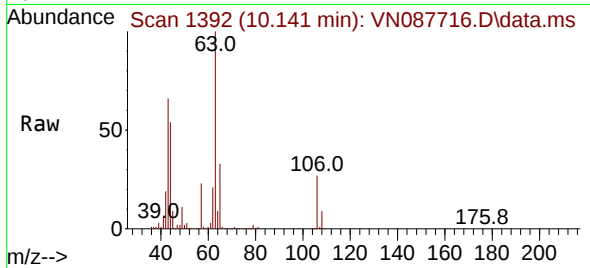




#55
2-Chloroethyl vinyl ether
Concen: 103.123 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

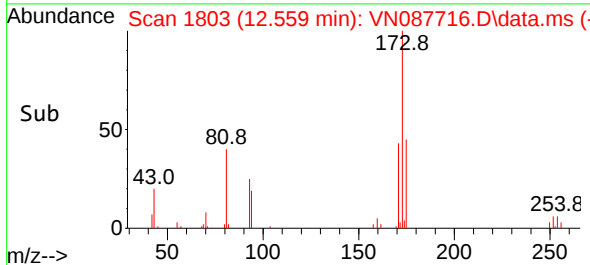
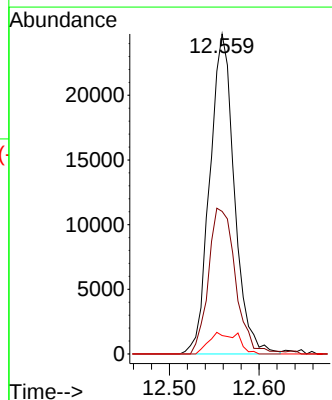
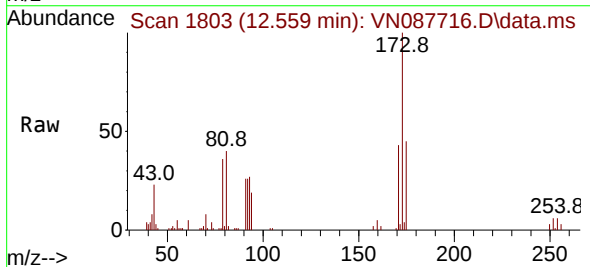
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

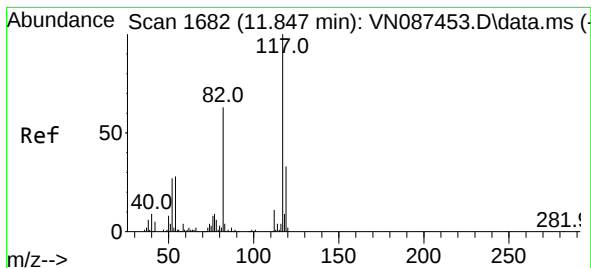
Tgt Ion: 63 Resp: 294669
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 26.0 20.7 31.1



#56
Bromoform
Concen: 19.985 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 173 Resp: 47049
Ion Ratio Lower Upper
173 100
175 49.2 38.8 58.2
254 6.0 3.9 5.9#

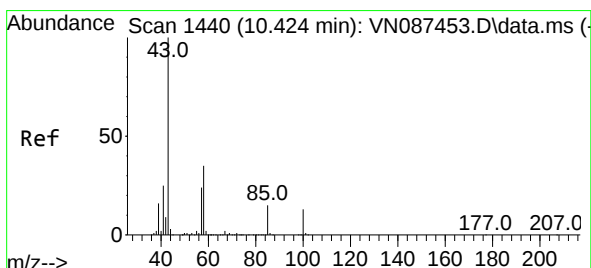
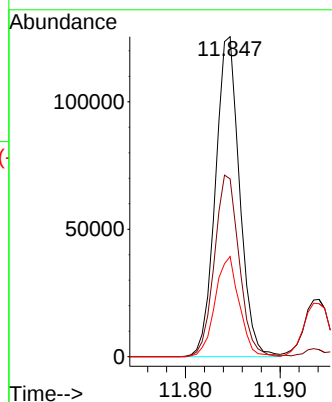
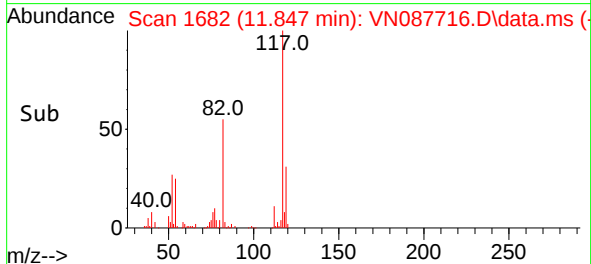
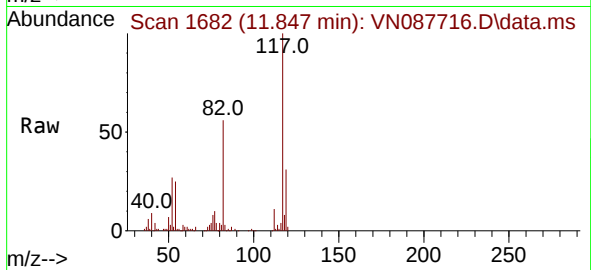




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

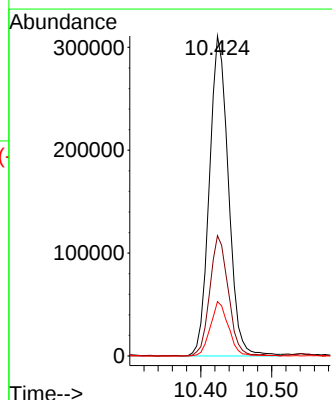
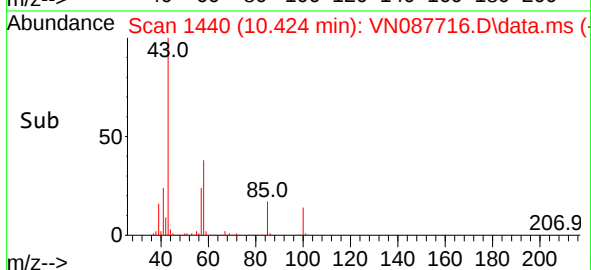
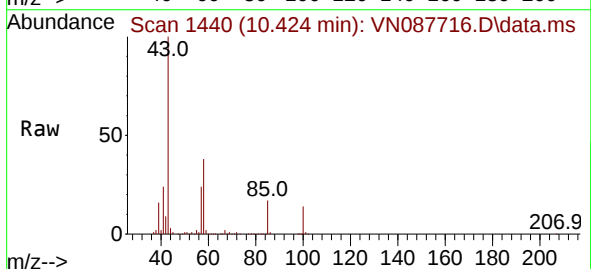
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

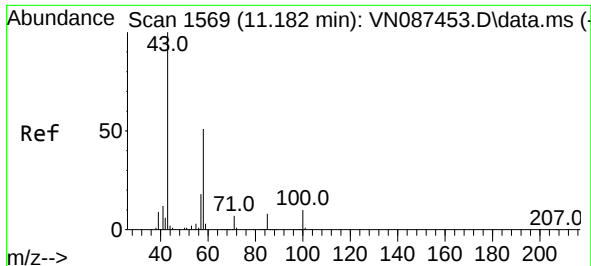
Tgt Ion:117 Resp: 222512
Ion Ratio Lower Upper
117 100
82 58.3 49.2 73.8
119 31.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 101.308 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 43 Resp: 579891
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6
85 16.1 12.7 19.1

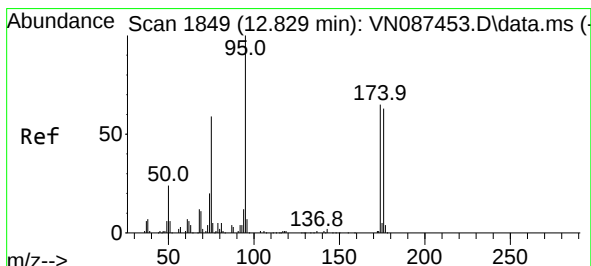
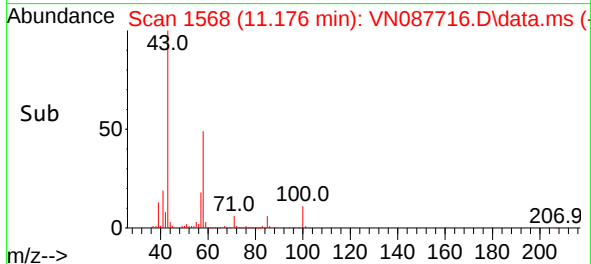
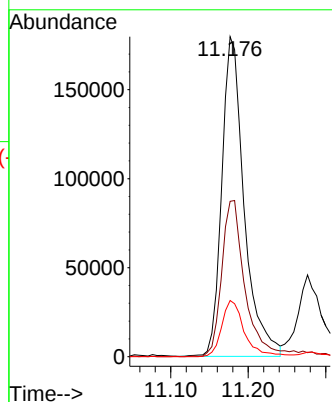
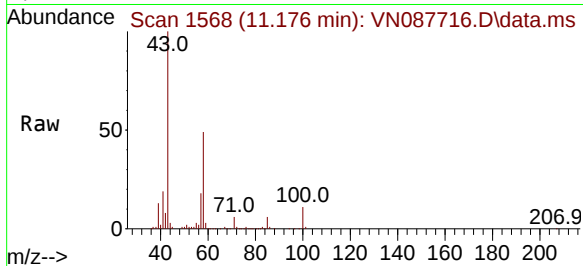




#59
2-Hexanone
Concen: 92.671 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

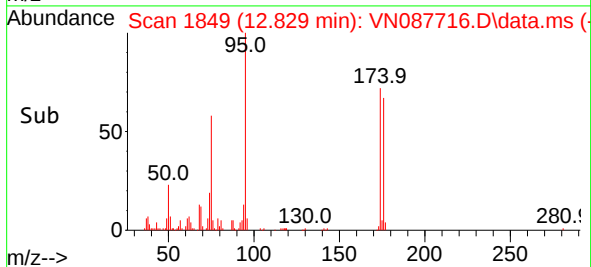
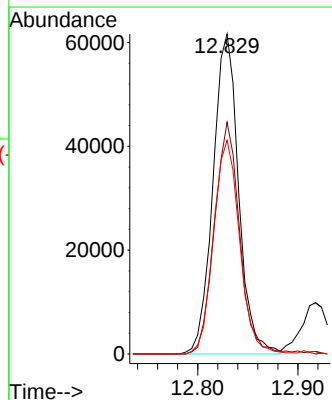
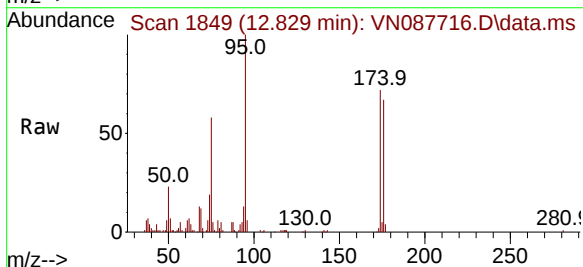
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

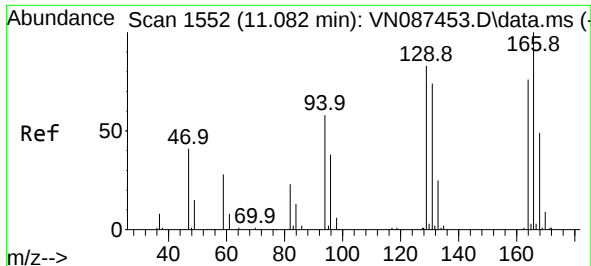
Tgt Ion: 43 Resp: 360418
Ion Ratio Lower Upper
43 100
58 50.2 41.0 61.6
57 17.8 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.468 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 95 Resp: 109013
Ion Ratio Lower Upper
95 100
174 71.4 52.3 78.5
176 68.4 49.8 74.8

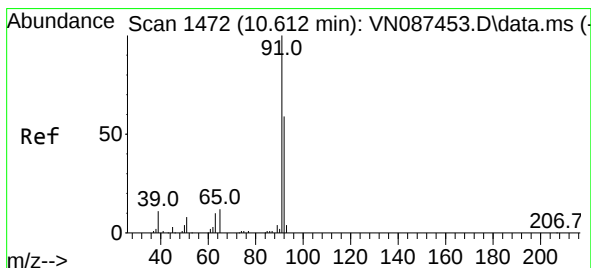
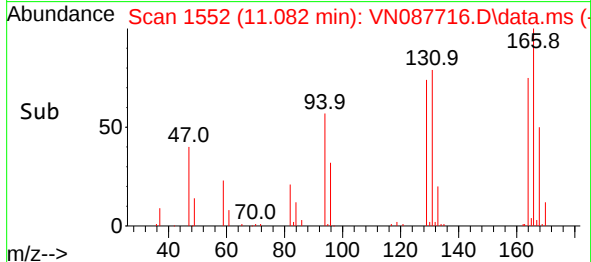
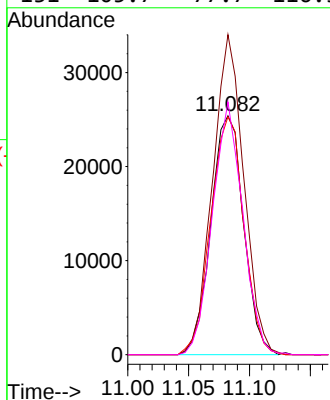
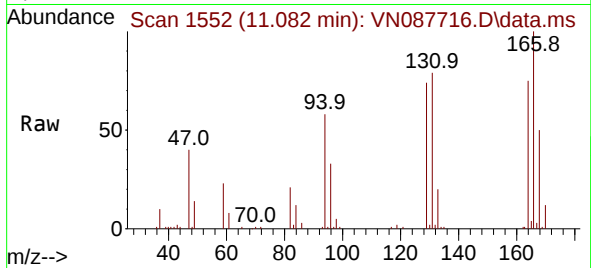




#61
Tetrachloroethene
Concen: 21.855 ug/l
RT: 11.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

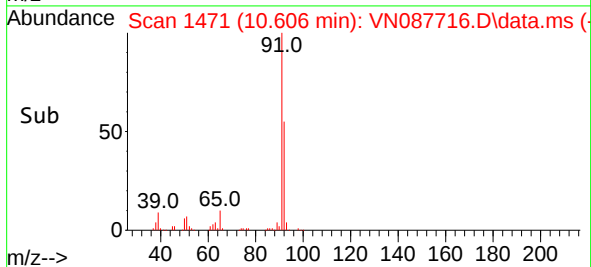
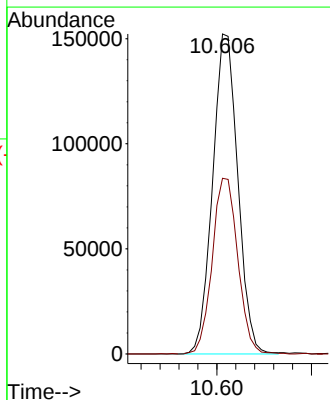
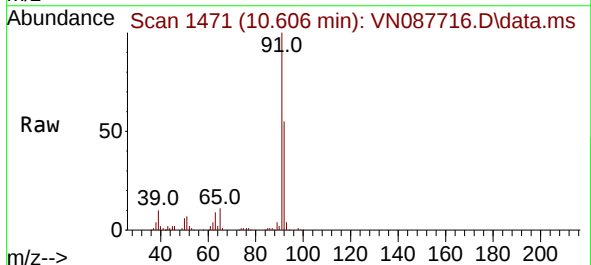
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

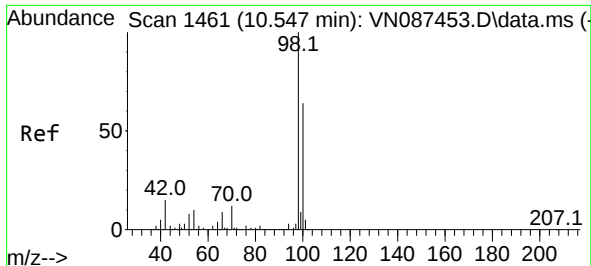
Tgt Ion:164 Resp: 47378
Ion Ratio Lower Upper
164 100
166 133.9 105.4 158.0
129 99.6 87.7 131.5
131 105.7 77.7 116.5



#62
Toluene
Concen: 20.473 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 91 Resp: 281160
Ion Ratio Lower Upper
91 100
92 55.7 45.8 68.6

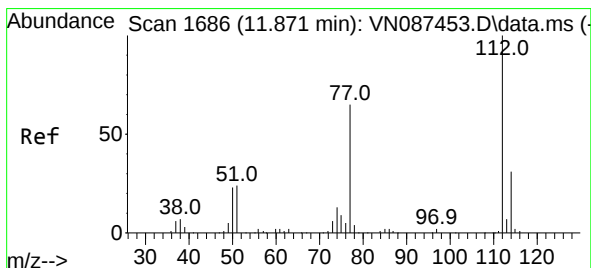
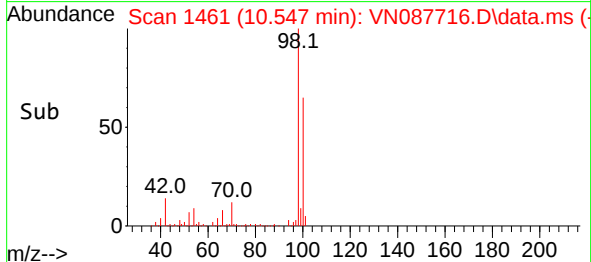
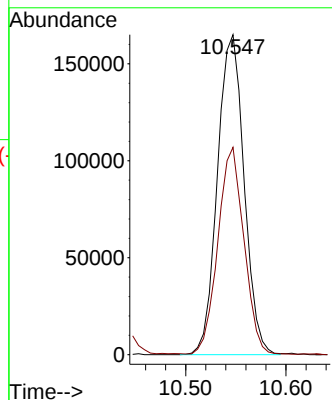
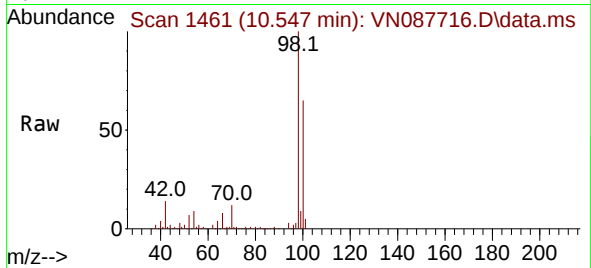




#63
Toluene-d8
Concen: 29.685 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

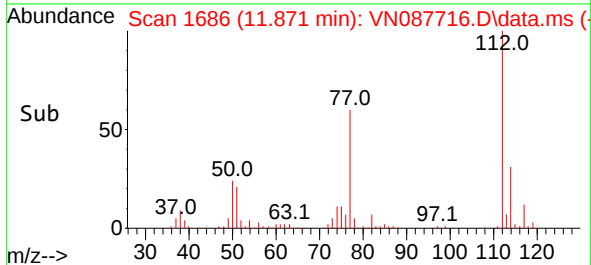
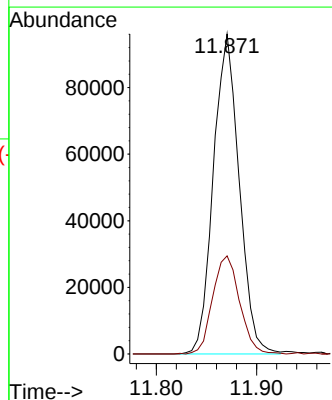
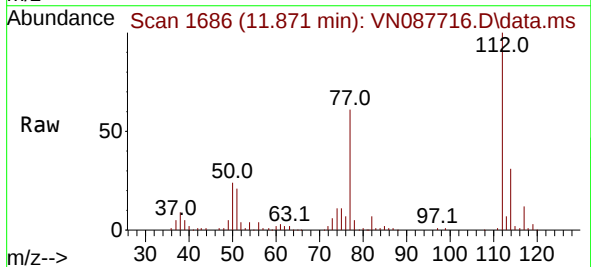
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

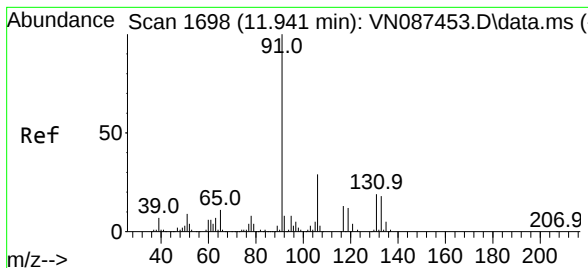
Tgt Ion: 98 Resp: 303926
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#64
Chlorobenzene
Concen: 20.374 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 112 Resp: 171933
Ion Ratio Lower Upper
112 100
114 30.4 24.7 37.1

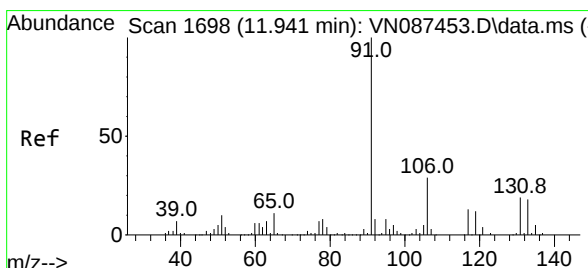
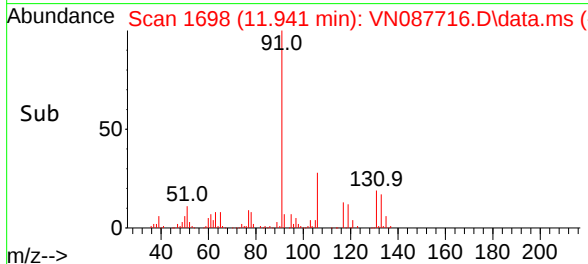
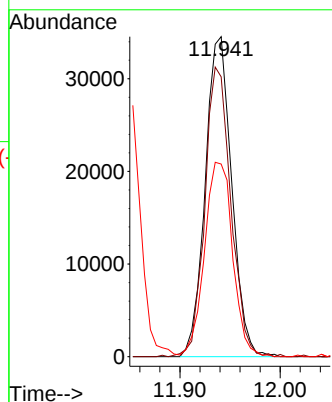
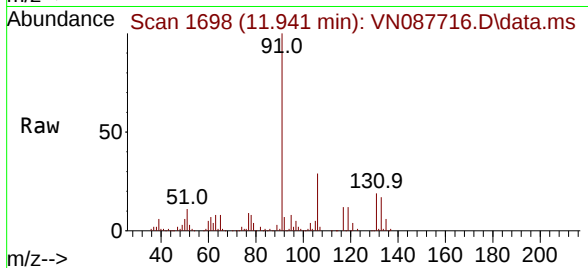




#65
1,1,1,2-Tetrachloroethane
Concen: 21.427 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

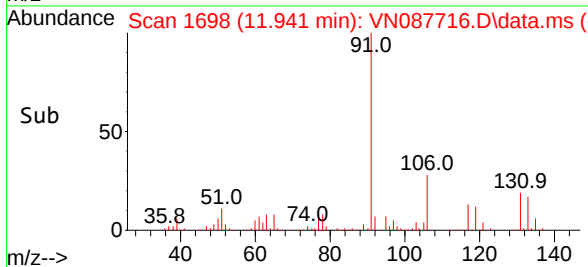
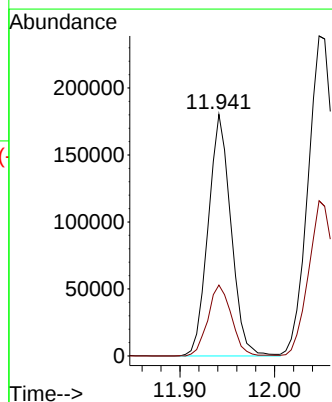
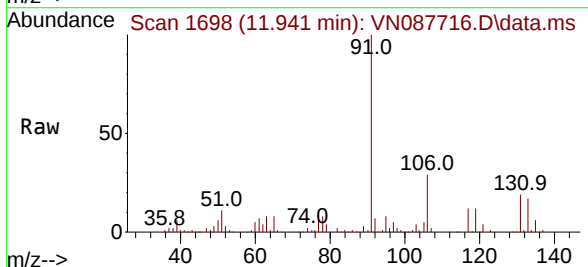
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

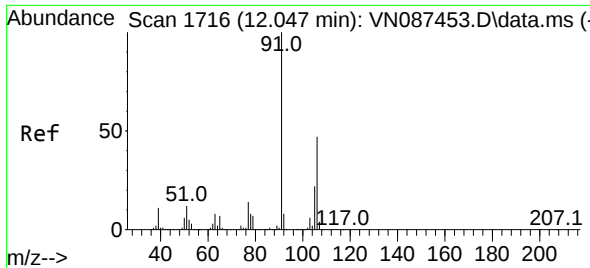
Tgt Ion:131 Resp: 63573
Ion Ratio Lower Upper
131 100
133 88.6 0.0 189.8
119 64.4 0.0 133.2



#66
Ethyl Benzene
Concen: 19.767 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 91 Resp: 302575
Ion Ratio Lower Upper
91 100
106 29.2 22.9 34.3

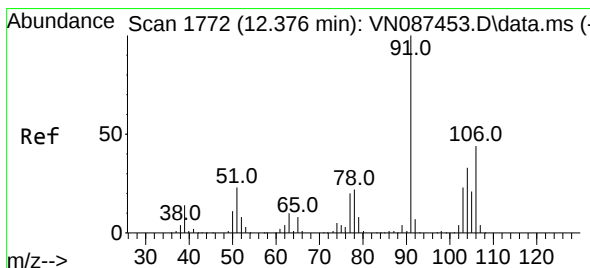
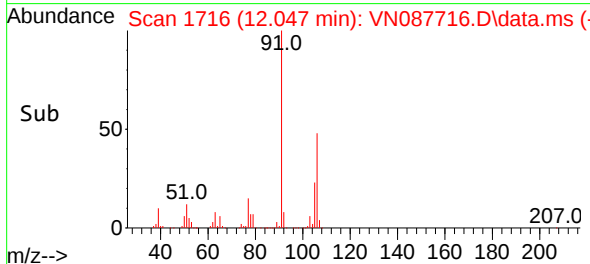
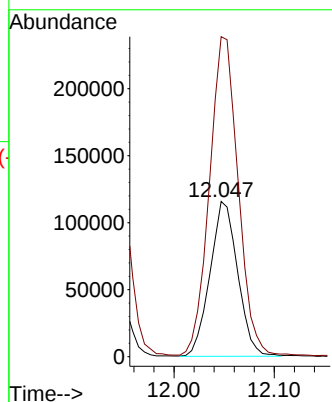
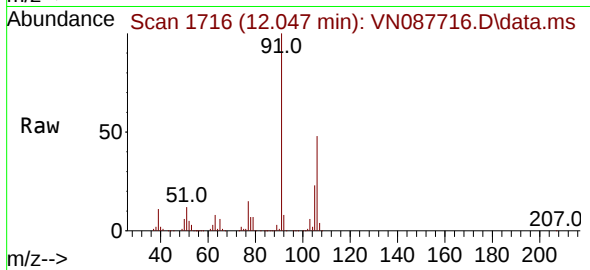




#67
m/p-Xylenes
Concen: 39.370 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

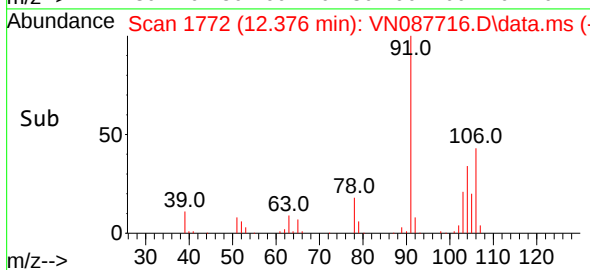
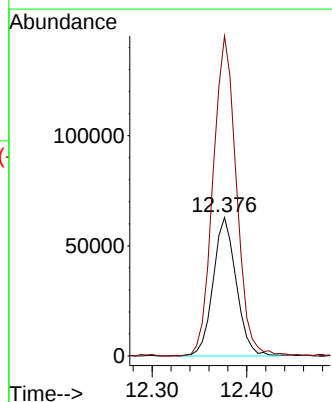
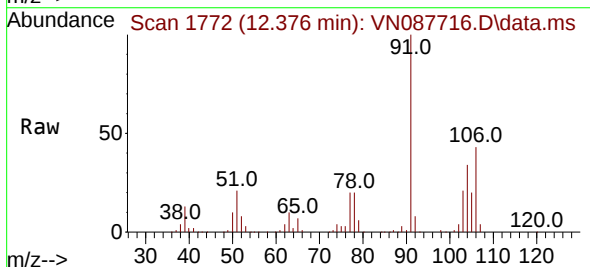
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

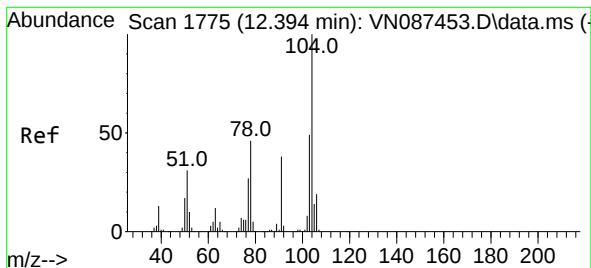
Tgt Ion:106 Resp: 221209
Ion Ratio Lower Upper
106 100
91 216.5 174.2 261.2



#68
o-Xylene
Concen: 19.265 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion:106 Resp: 106491
Ion Ratio Lower Upper
106 100
91 233.8 114.5 343.5





#69

Styrene

Concen: 19.326 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087716.D

Acq: 04 Sep 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

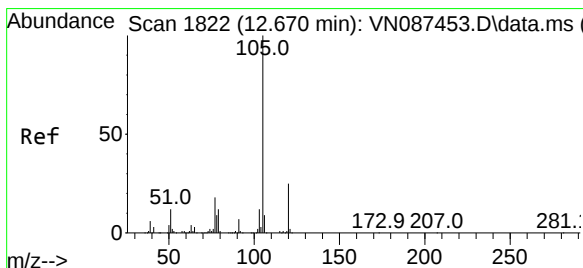
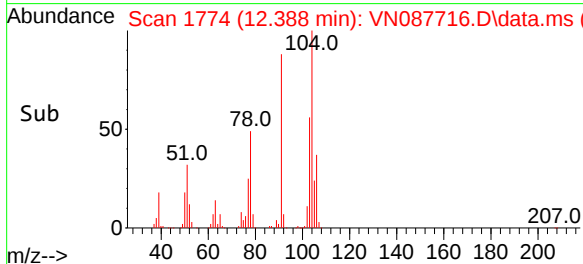
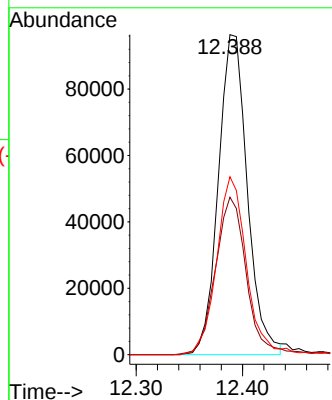
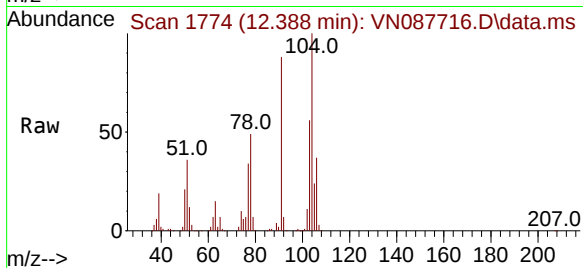
Tgt Ion:104 Resp: 182406

Ion Ratio Lower Upper

104 100

78 52.4 43.8 65.8

103 56.4 43.1 64.7



#70

Isopropylbenzene

Concen: 20.257 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087716.D

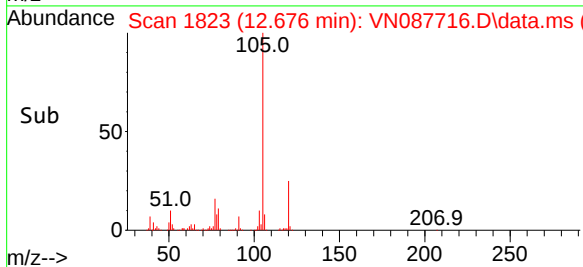
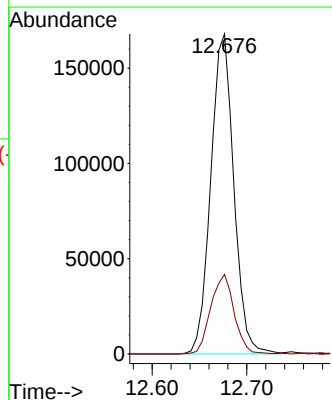
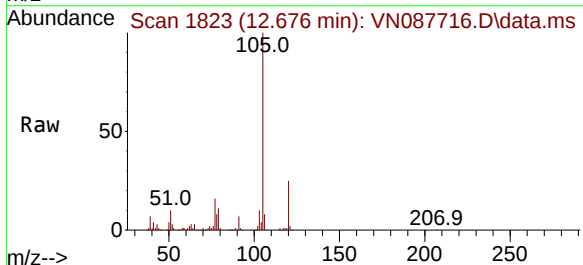
Acq: 04 Sep 2025 12:38

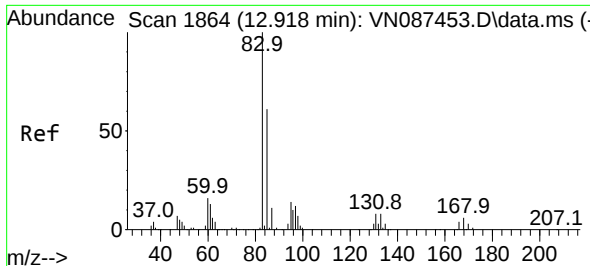
Tgt Ion:105 Resp: 284473

Ion Ratio Lower Upper

105 100

120 25.2 17.5 32.5

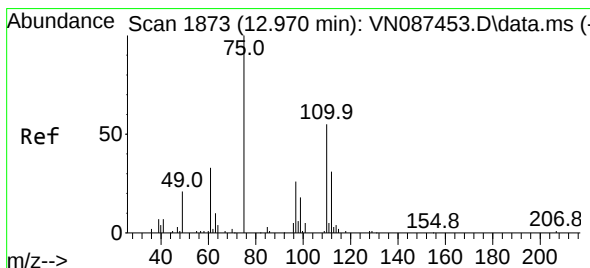
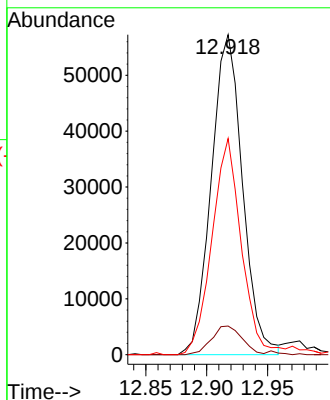
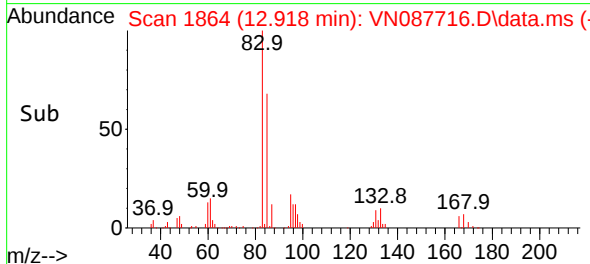
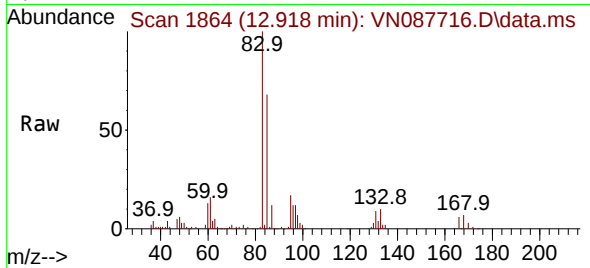




#71
1,1,2,2-Tetrachloroethane
Concen: 21.223 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

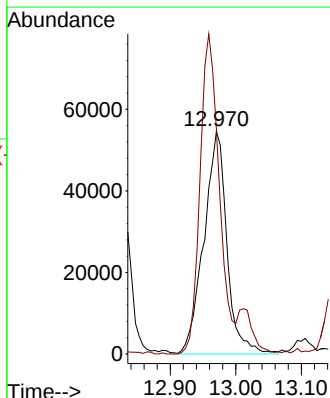
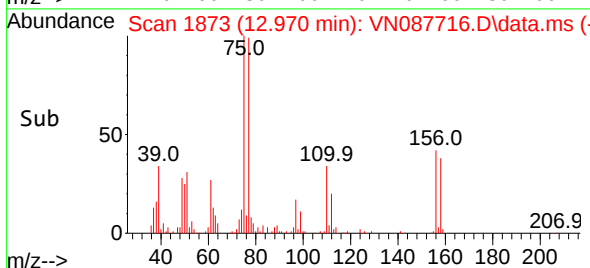
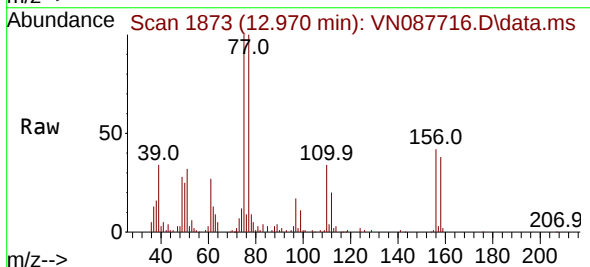
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

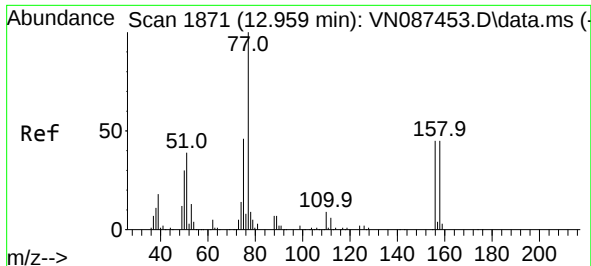
Tgt Ion: 83 Resp: 102118
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 63.6 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 29.797 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 75 Resp: 133568
Ion Ratio Lower Upper
75 100
77 120.2 0.0 385.0

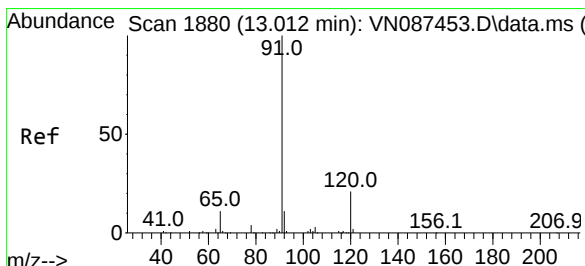
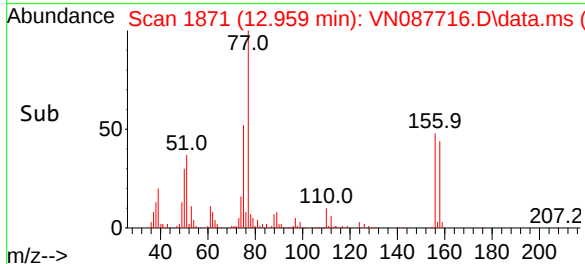
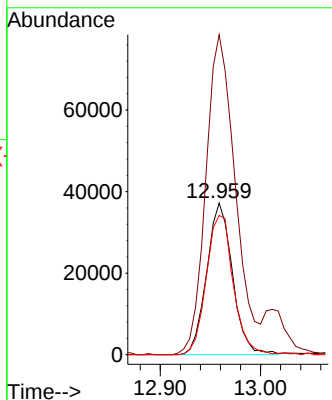
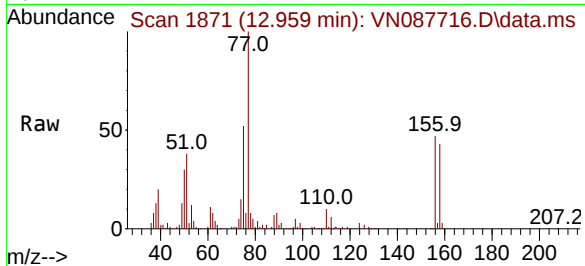




#73
Bromobenzene
Concen: 20.415 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

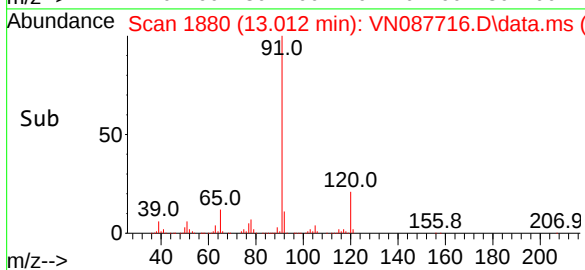
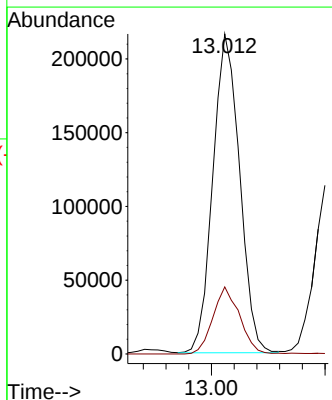
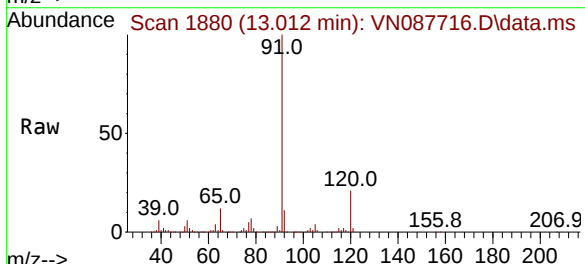
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

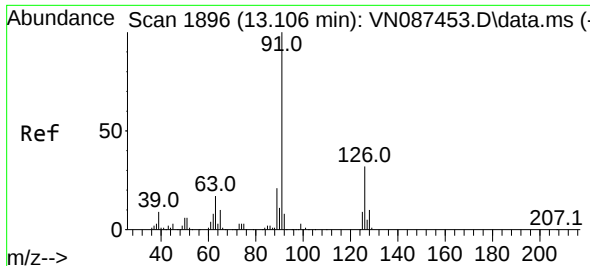
Tgt Ion:156 Resp: 66461
Ion Ratio Lower Upper
156 100
77 241.6 0.0 506.6
158 96.0 0.0 193.6



#74
n-propylbenzene
Concen: 20.144 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 91 Resp: 353290
Ion Ratio Lower Upper
91 100
120 21.0 0.0 41.8

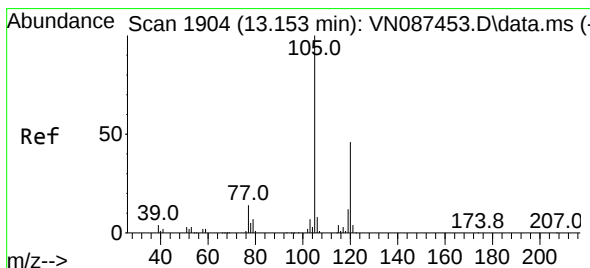
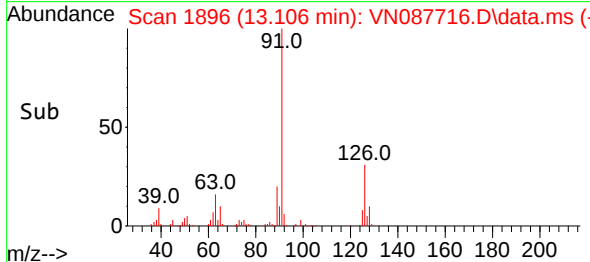
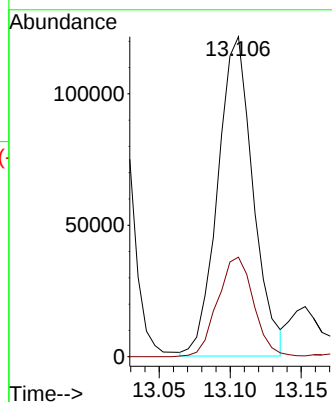
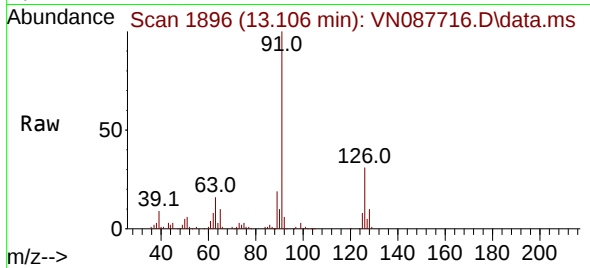




#75
2-Chlorotoluene
Concen: 19.534 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

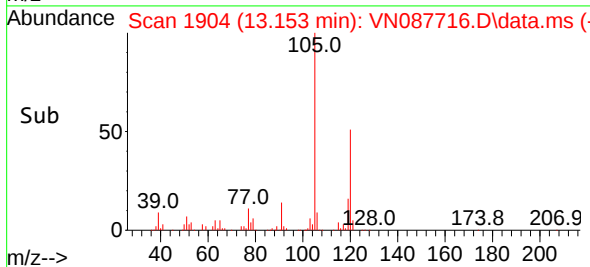
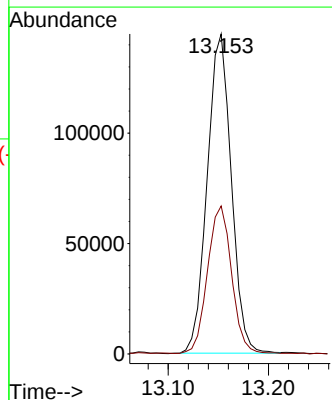
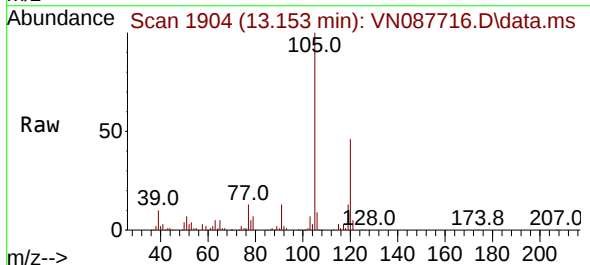
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

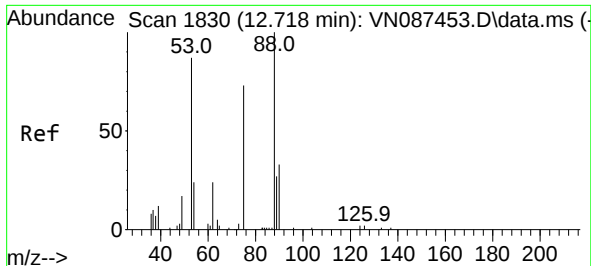
Tgt Ion: 91 Resp: 210740
Ion Ratio Lower Upper
91 100
126 31.7 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 20.093 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 105 Resp: 241598
Ion Ratio Lower Upper
105 100
120 46.7 0.0 91.2

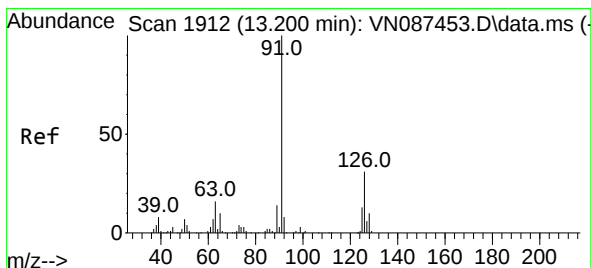
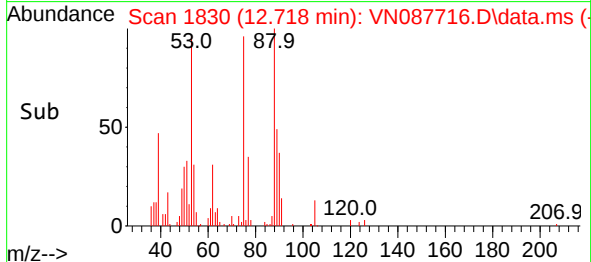
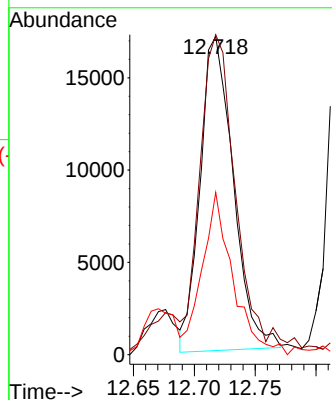
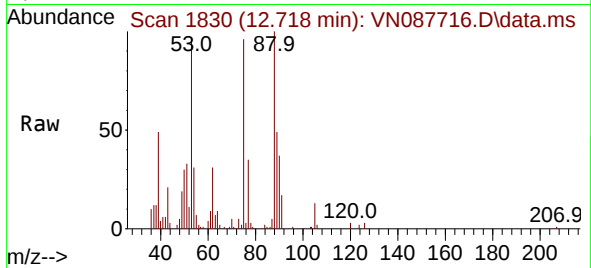




#77
t-1,4-Dichloro-2-butene
Concen: 18.997 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

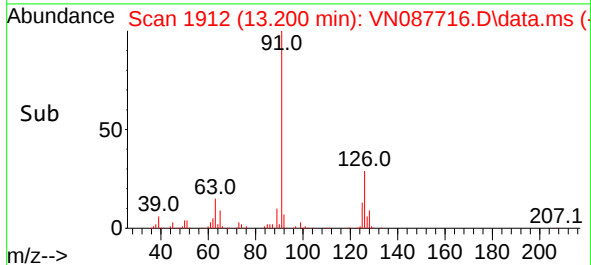
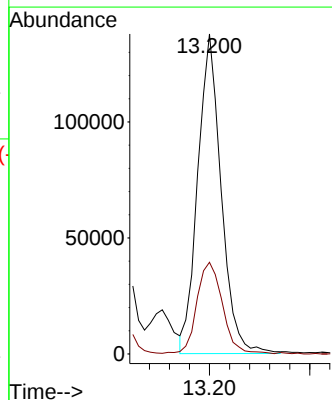
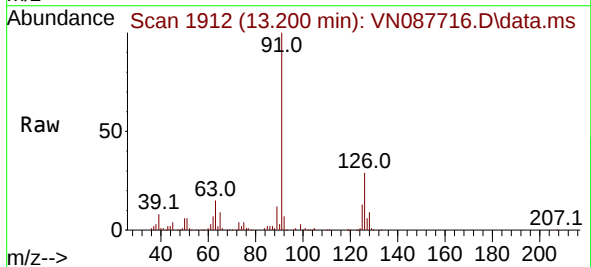
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

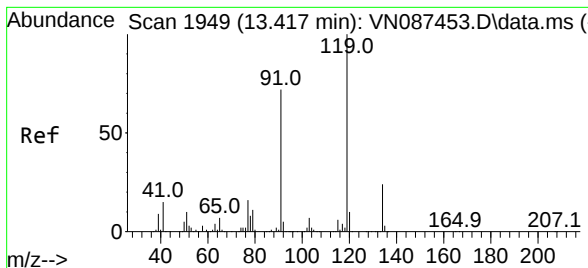
Tgt Ion: 75 Resp: 32235
Ion Ratio Lower Upper
75 100
53 98.6 59.0 176.8
89 49.0 22.1 66.5



#78
4-Chlorotoluene
Concen: 20.484 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 91 Resp: 223950
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.2

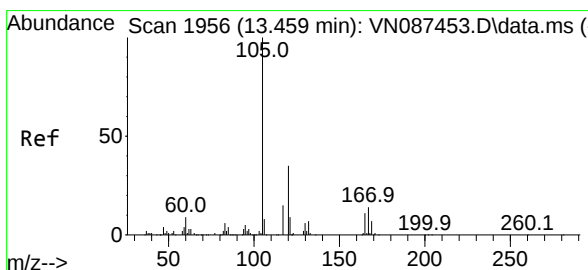
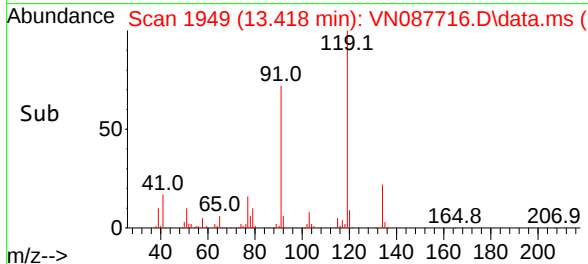
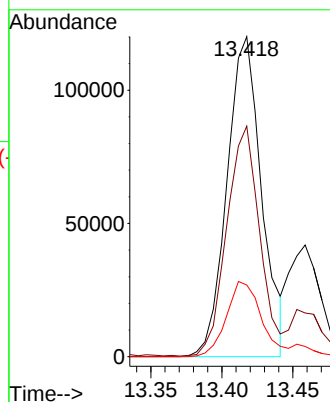
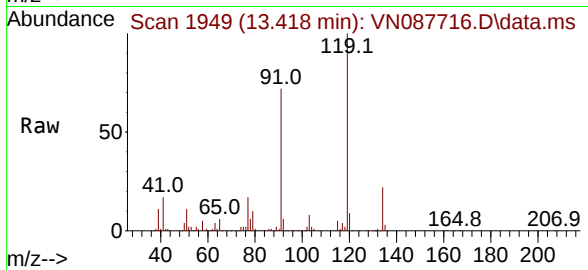




#79
tert-butylbenzene
Concen: 20.057 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

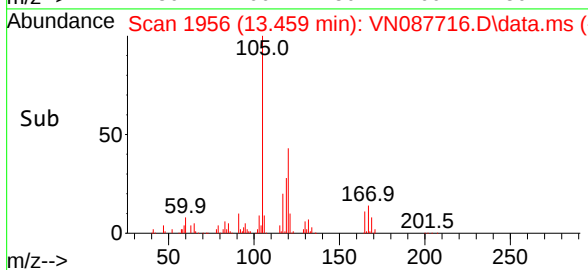
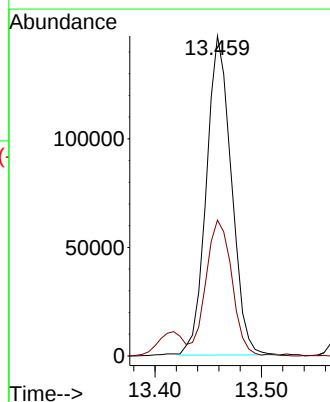
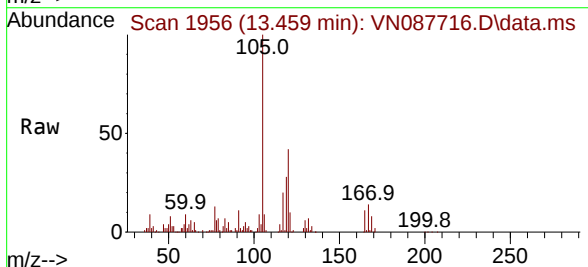
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

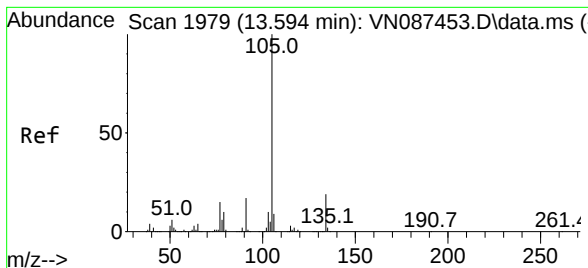
Tgt Ion:119 Resp: 203336
Ion Ratio Lower Upper
119 100
91 67.8 0.0 141.6
134 23.9 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 19.957 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion:105 Resp: 239788
Ion Ratio Lower Upper
105 100
120 44.4 0.0 87.2

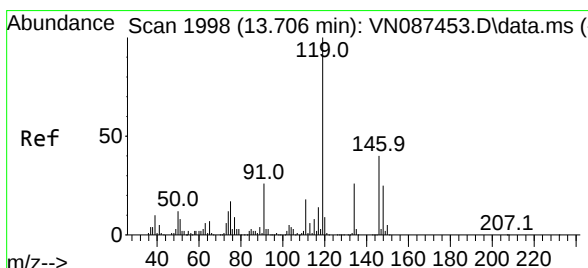
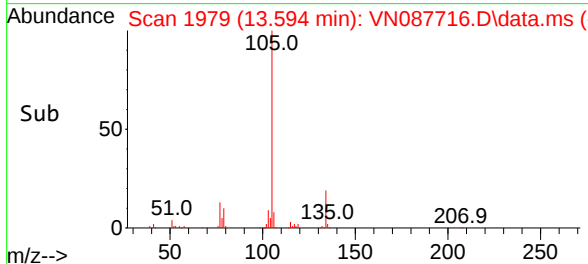
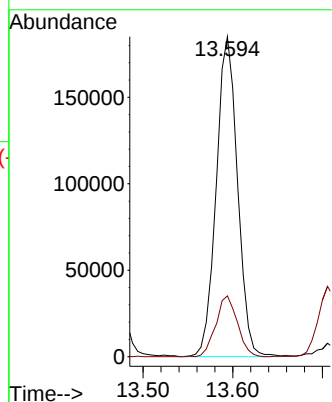
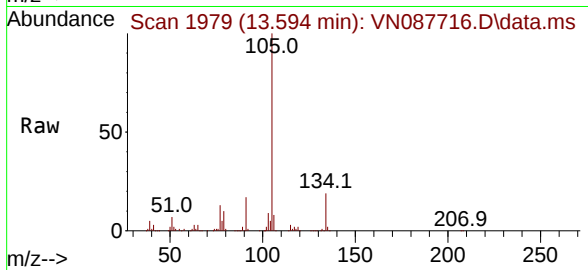




#81
 sec-Butylbenzene
 Concen: 20.645 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

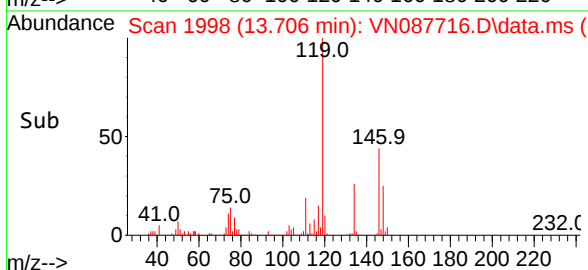
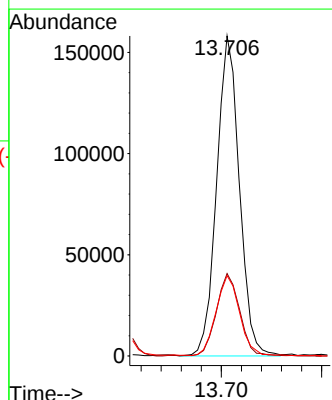
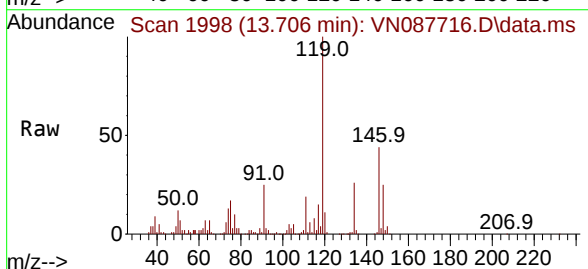
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

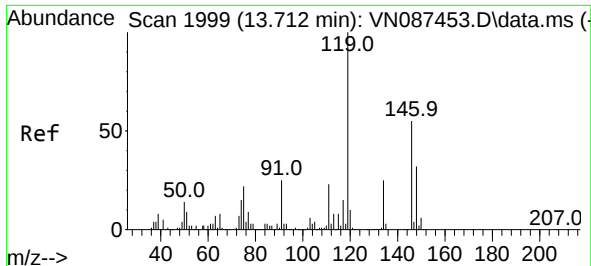
Tgt Ion:105 Resp: 304693
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 20.265 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion:119 Resp: 248332
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.4
 91 25.8 0.0 52.0

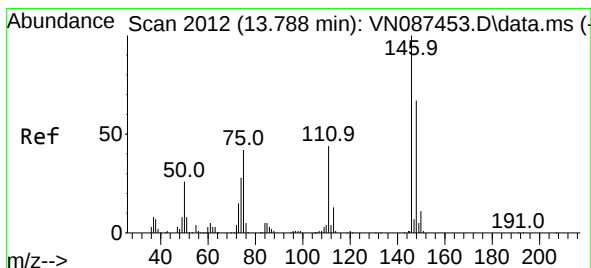
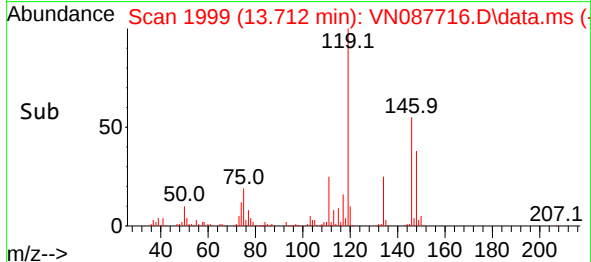
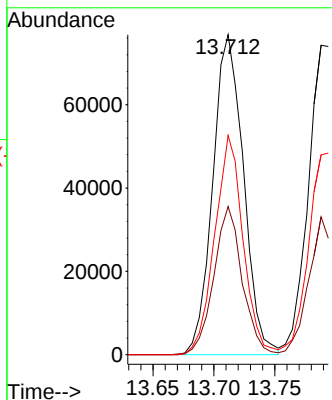
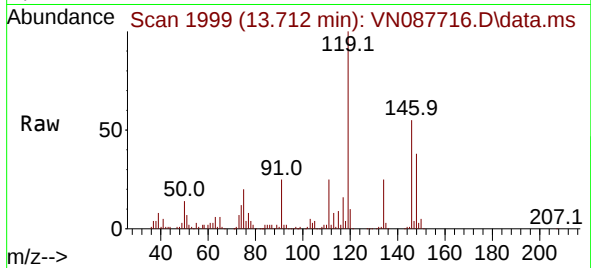




#83
 1,3-Dichlorobenzene
 Concen: 21.724 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

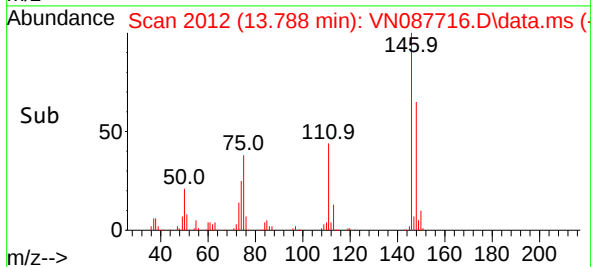
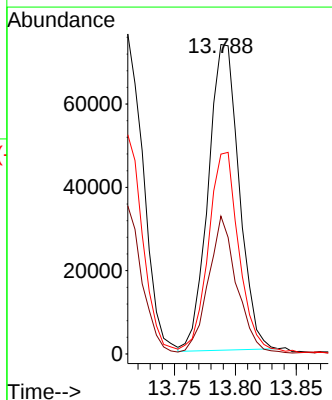
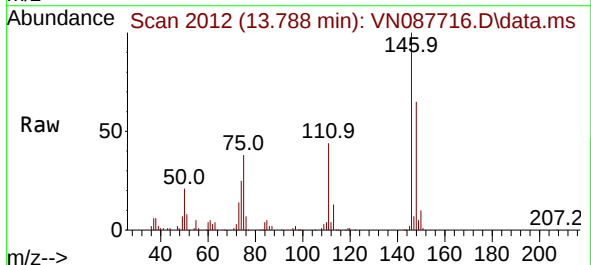
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

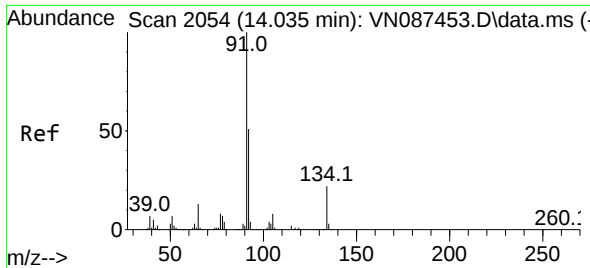
Tgt Ion:146 Resp: 134671
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.9 65.5
 148 63.4 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 20.660 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion:146 Resp: 129848
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 66.6 31.4 94.3

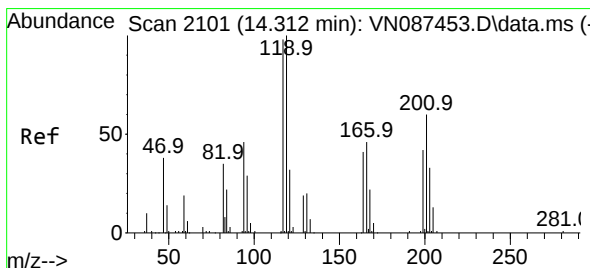
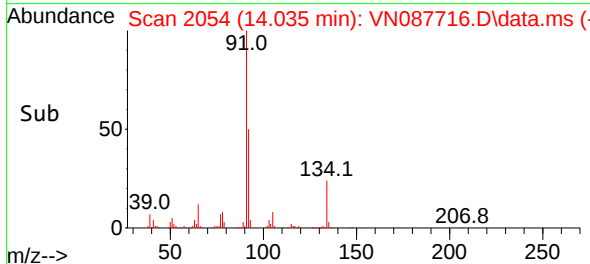
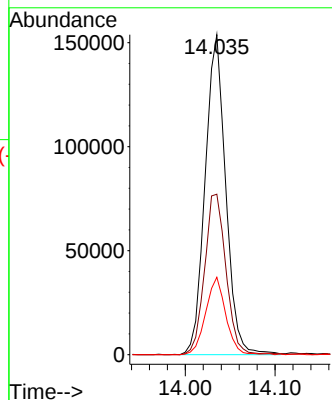
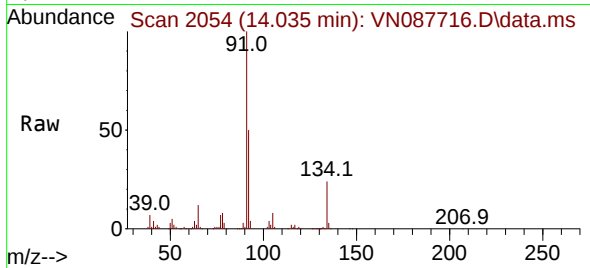




#85
n-Butylbenzene
Concen: 20.461 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

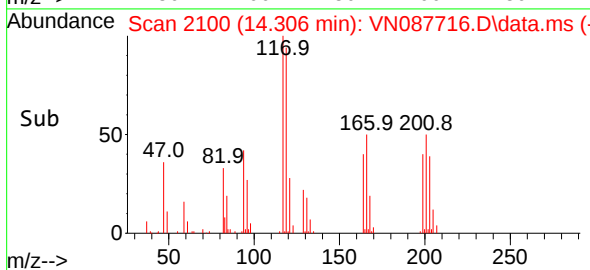
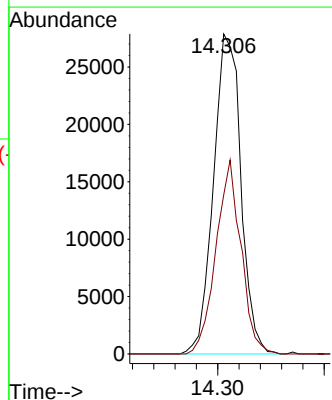
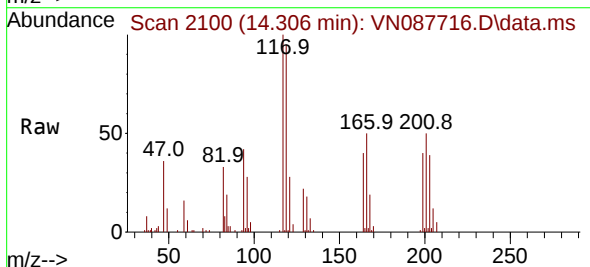
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

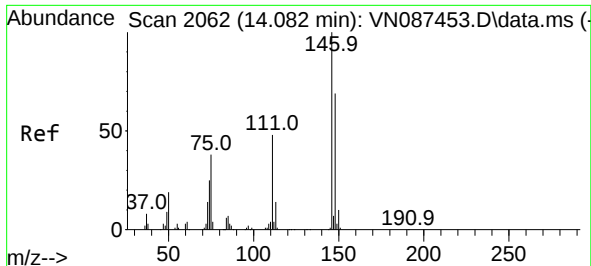
Tgt Ion: 91 Resp: 245310
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.6
134 23.5 0.0 44.4



#86
Hexachloroethane
Concen: 20.801 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion: 117 Resp: 49777
Ion Ratio Lower Upper
117 100
201 55.4 29.1 87.4

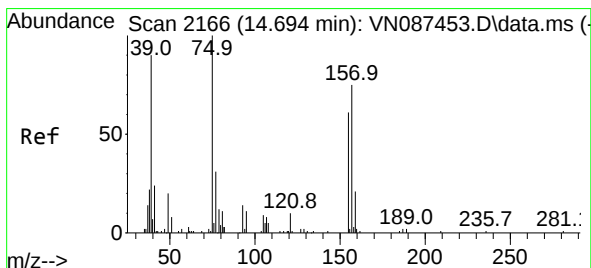
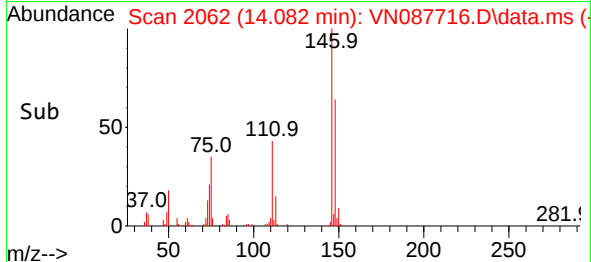
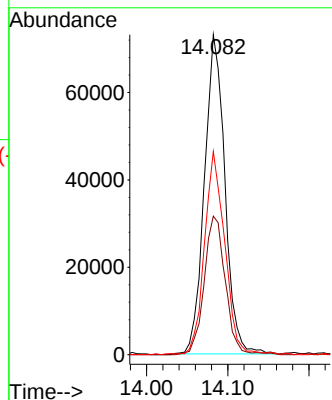
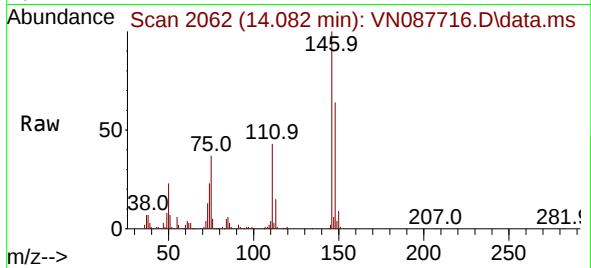




#87
 1,2-Dichlorobenzene
 Concen: 21.582 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

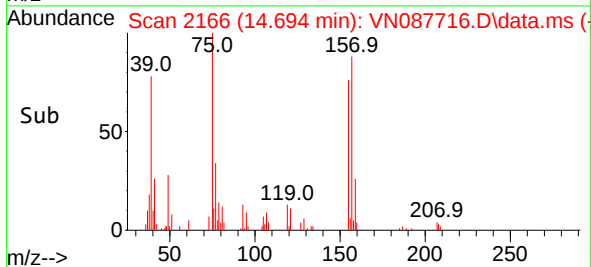
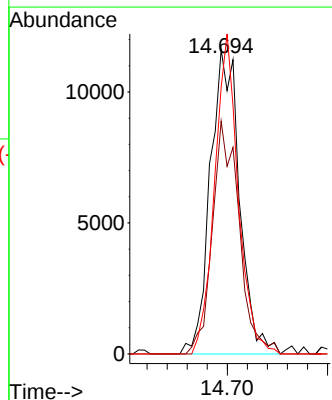
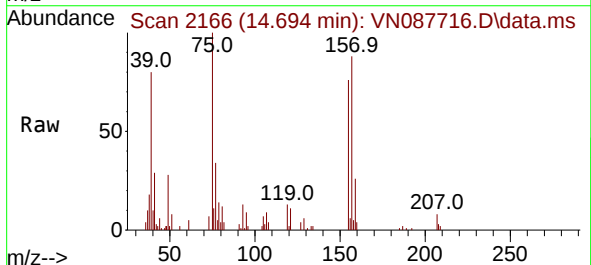
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

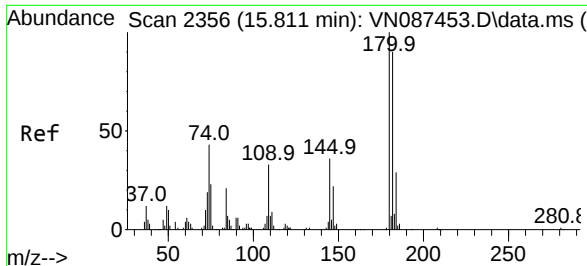
Tgt Ion:146 Resp: 127712
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.9 68.7
 148 62.3 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.240 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion: 75 Resp: 23453
 Ion Ratio Lower Upper
 75 100
 155 69.5 55.7 83.5
 157 85.1 65.8 98.6

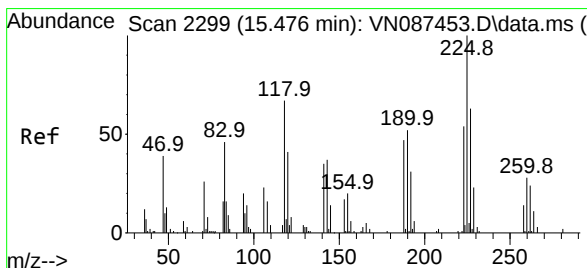
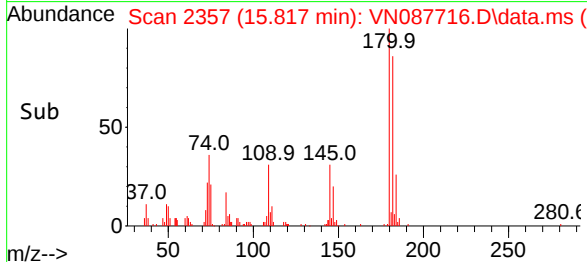
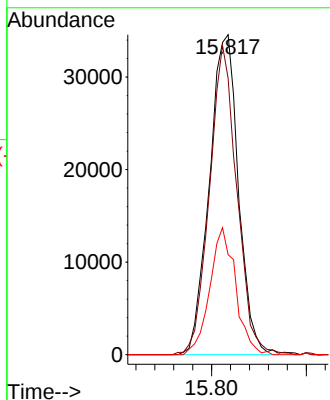
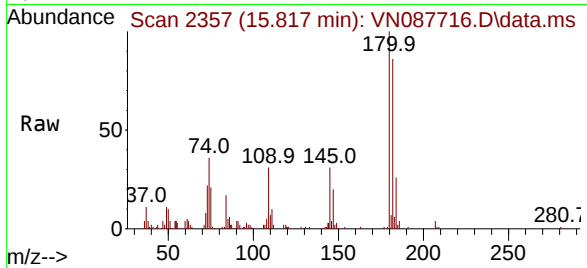




#89
1,2,4-Trichlorobenzene
Concen: 20.810 ug/l
RT: 15.817 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

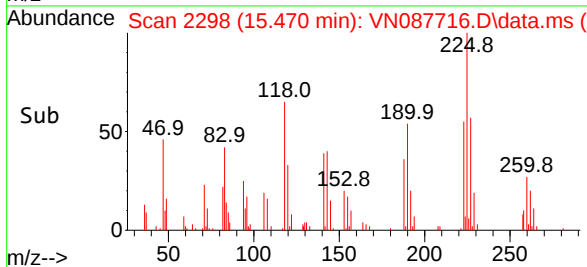
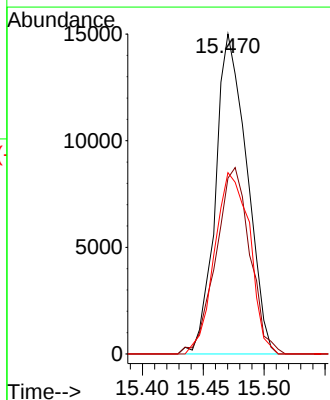
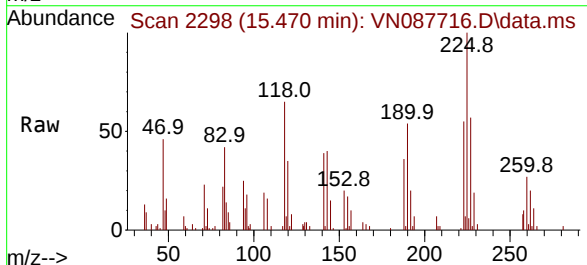
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

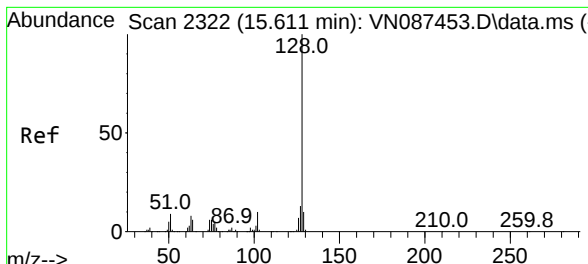
Tgt Ion:180 Resp: 73596
Ion Ratio Lower Upper
180 100
182 91.2 75.0 112.4
145 35.3 28.6 43.0



#90
Hexachlorobutadiene
Concen: 19.580 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087716.D
Acq: 04 Sep 2025 12:38

Tgt Ion:225 Resp: 26926
Ion Ratio Lower Upper
225 100
223 63.1 0.0 116.0
227 63.4 0.0 127.0

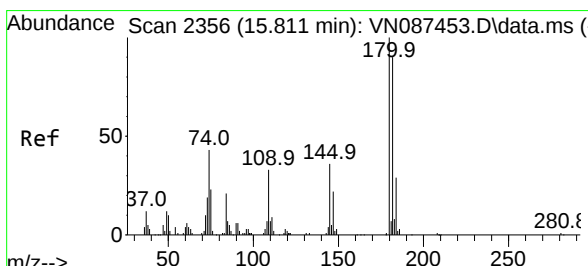
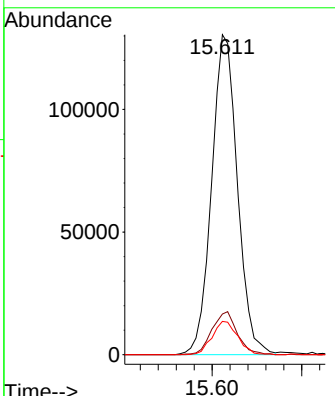
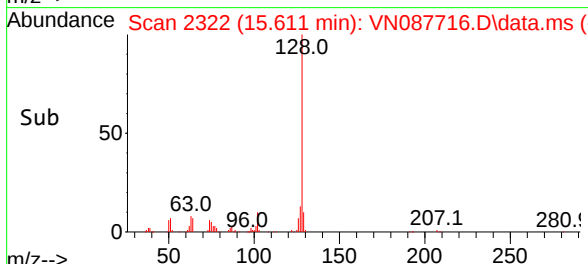
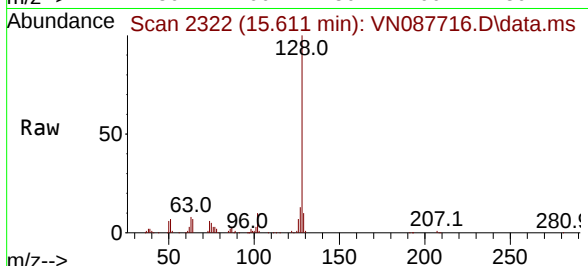




#91
 Naphthalene
 Concen: 19.306 ug/l
 RT: 15.611 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

Tgt Ion:	128	Resp:	260334
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.4	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 20.810 ug/l
 RT: 15.817 min Scan# 2357
 Delta R.T. 0.006 min
 Lab File: VN087716.D
 Acq: 04 Sep 2025 12:38

Tgt Ion:	180	Resp:	73596
Ion Ratio	Lower	Upper	
180	100		
182	91.2	0.0	187.4
145	35.3	0.0	71.6

