

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087715.D
 Acq On : 04 Sep 2025 12:04
 Operator : JC\MD
 Sample : VN0904WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Quant Time: Sep 05 02:18:02 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	43425	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	231247	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	210355	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	114466	28.579	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.267%
60) 4-Bromofluorobenzene	12.829	95	99936	27.606	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.033%
63) Toluene-d8	10.547	98	291239	30.090	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54934	19.376	ug/l	99
3) Chloromethane	2.383	50	54828	18.849	ug/l	97
4) Vinyl Chloride	2.536	62	62242	20.174	ug/l	91
5) Bromomethane	2.983	94	43809	26.234	ug/l	87
6) Chloroethane	3.142	64	41428	20.824	ug/l	97
7) Trichlorofluoromethane	3.512	101	97817	22.030	ug/l	97
8) Diethyl Ether	3.959	74	38375	20.745	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	26377	11.649	ug/l #	13
10) 1,1-Dichloroethene	4.342	96	53428	22.464	ug/l	85
11) Methyl Iodide	4.577	142	33539	17.910	ug/l	96
12) Methyl Acetate	5.018	43	95525	21.765	ug/l	93
13) Acrolein	4.177	56	63454	94.659	ug/l	99
14) Acrylonitrile	5.700	53	171327	89.396	ug/l	99
15) Acetone	4.424	58	55649	101.625	ug/l	96
16) Carbon Disulfide	4.700	76	133566	18.104	ug/l	99
17) Allyl chloride	5.012	41	85883	17.716	ug/l	88
18) Methylene Chloride	5.265	84	57999	18.943	ug/l	87
19) trans-1,2-Dichloroethene	5.771	96	51291	18.135	ug/l #	86
20) Diisopropyl ether	6.653	45	195895	17.739	ug/l	93
21) 1,1-Dichloroethane	6.553	63	108065	18.931	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	63685	18.300	ug/l	96
23) tert-Butyl Alcohol	5.524	59	61811	75.900	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	185640	17.130	ug/l	96
25) Chloroform	7.947	83	112463	18.874	ug/l	91
26) Cyclohexane	8.241	56	79309	17.353	ug/l #	94
29) 1,1-Dichloropropene	8.347	75	73391	19.459	ug/l	97
30) 2-Butanone	7.465	43	254727	91.624	ug/l	99
31) 2,2-Dichloropropane	7.477	77	94769	19.482	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	95796	19.915	ug/l	96
33) Carbon Tetrachloride	8.341	117	77776	19.463	ug/l	98
34) Benzene	8.588	78	227927	19.144	ug/l	94
35) Methacrylonitrile	7.765	41	50954	16.984	ug/l	94
36) 1,2-Dichloroethane	8.647	62	88092	18.306	ug/l	100
37) Trichloroethene	9.335	130	50547	19.274	ug/l	83
38) Methylcyclohexane	9.582	83	77129	17.627	ug/l	98
39) 1,2-Dichloropropane	9.600	63	59488	19.488	ug/l	96
40) Dibromomethane	9.688	93	45777	19.987	ug/l	96
41) Bromodichloromethane	9.865	83	90003	18.911	ug/l	88
42) Vinyl Acetate	6.588	43	788902	86.167	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	96992	18.059	ug/l	99
44) Isopropyl Acetate	8.677	43	160457	17.624	ug/l	99
45) 1,4-Dioxane	9.682	88	19577	337.304	ug/l #	88
46) Methyl methacrylate	9.665	41	70145	16.322	ug/l	82
47) n-amyl Acetate	12.529	43	5059	1.006	ug/l #	62
48) t-1,3-Dichloropropene	10.818	75	91571	17.686	ug/l	100
49) cis-1,3-Dichloropropene	10.288	75	96006	18.425	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	56983	19.692	ug/l	98
51) Ethyl methacrylate	10.859	69	85447	16.766	ug/l	97
52) 1,3-Dichloropropane	11.141	76	98490	18.892	ug/l	97
53) Dibromochloromethane	11.335	129	62738	18.773	ug/l	96
54) 1,2-Dibromoethane	11.453	107	59585	19.397	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	236450	88.133	ug/l	99
56) Bromoform	12.559	173	39771	17.992	ug/l #	98
58) 4-Methyl-2-Pentanone	10.423	43	493774	91.248	ug/l	99
59) 2-Hexanone	11.176	43	307348	83.593	ug/l	98
61) Tetrachloroethene	11.082	164	41450	20.226	ug/l	94
62) Toluene	10.606	91	246270	18.968	ug/l	99
64) Chlorobenzene	11.870	112	153403	19.229	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	53989	19.248	ug/l	99
66) Ethyl Benzene	11.941	91	265786	18.367	ug/l	99
67) m/p-Xylenes	12.053	106	199557	37.569	ug/l	92
68) o-Xylene	12.376	106	93531	17.899	ug/l	100
69) Styrene	12.394	104	160997	18.043	ug/l	97
70) Isopropylbenzene	12.676	105	246218	18.546	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	89634	19.705	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	112967	26.658	ug/l	57
73) Bromobenzene	12.959	156	60686	19.718	ug/l	94
74) n-propylbenzene	13.012	91	312613	18.854	ug/l	98
75) 2-Chlorotoluene	13.100	91	190294	18.658	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	208218	18.317	ug/l	97
77) t-1,4-Dichloro-2-butene	12.717	75	26432	16.477	ug/l	86
78) 4-Chlorotoluene	13.200	91	194600	18.828	ug/l	97
79) tert-butylbenzene	13.417	119	177581	18.529	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	211280	18.601	ug/l	100
81) sec-Butylbenzene	13.594	105	262011	18.779	ug/l	100
82) p-Isopropyltoluene	13.706	119	218207	18.836	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	113472	19.362	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	117304	19.743	ug/l	100
85) n-Butylbenzene	14.035	91	208098	18.360	ug/l	99
86) Hexachloroethane	14.311	117	43424	19.195	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	110728	19.793	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20838	18.083	ug/l	97
89) 1,2,4-Trichlorobenzene	15.806	180	61968	18.535	ug/l	99
90) Hexachlorobutadiene	15.470	225	22537	17.336	ug/l	89
91) Naphthalene	15.617	128	221459	17.372	ug/l	100
92) 1,2,3-Trichlorobenzene	15.806	180	61968	18.535	ug/l	99

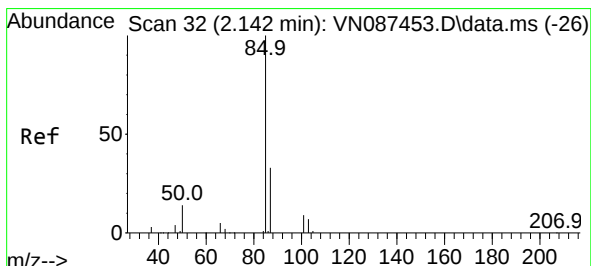
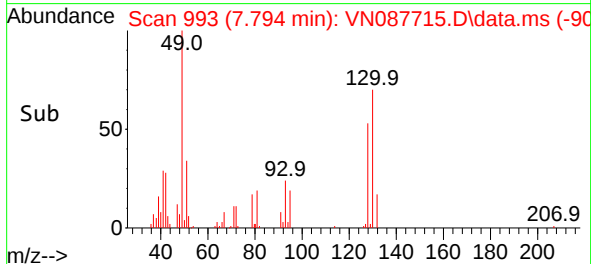
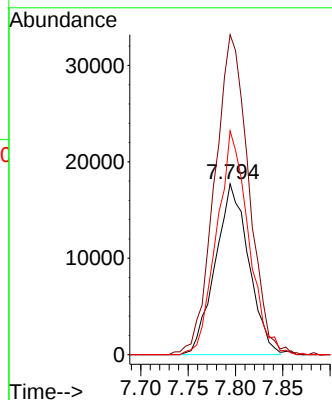
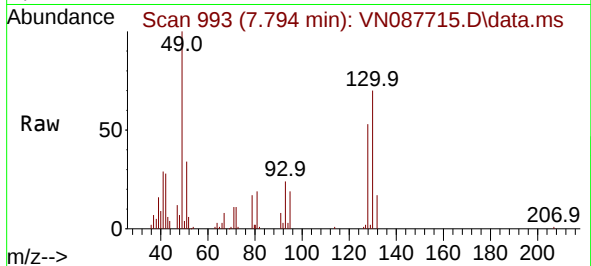
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

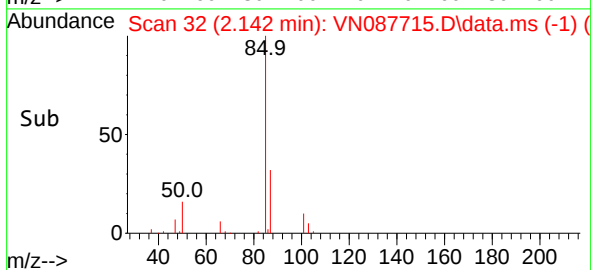
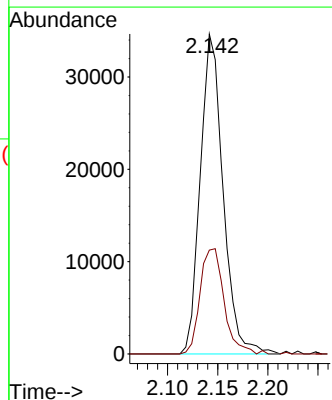
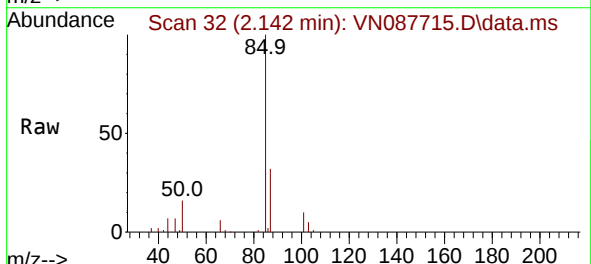
Instrument :
MSVOA_N
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VN0904WBS01

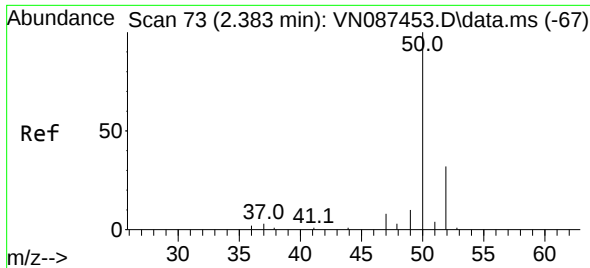
Tgt Ion:128 Resp: 43425
Ion Ratio Lower Upper
128 100
49 191.6 0.0 494.8
130 124.5 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 19.376 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 85 Resp: 54934
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

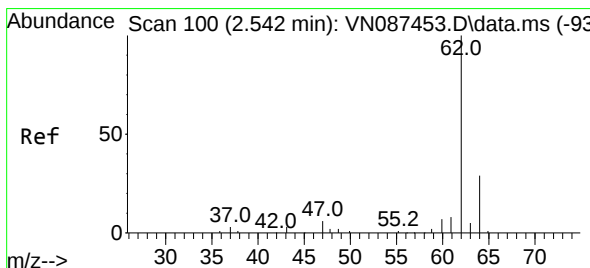
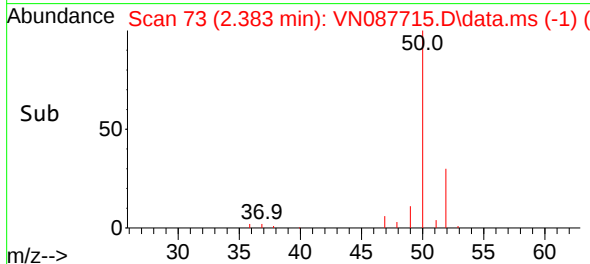
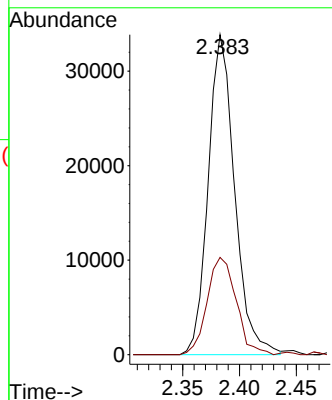
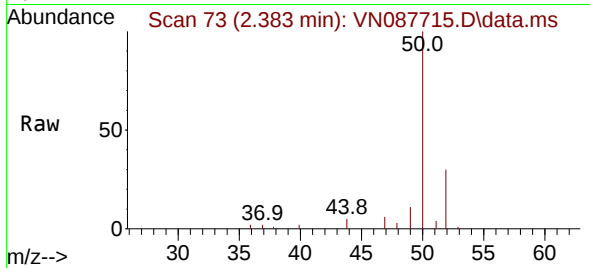




#3
Chloromethane
Concen: 18.849 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

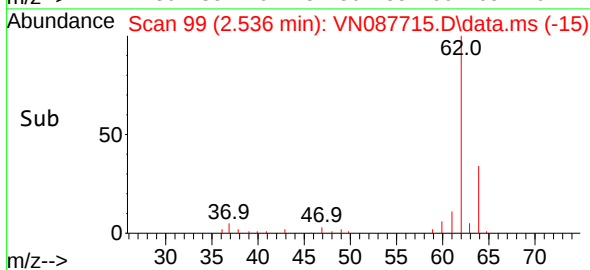
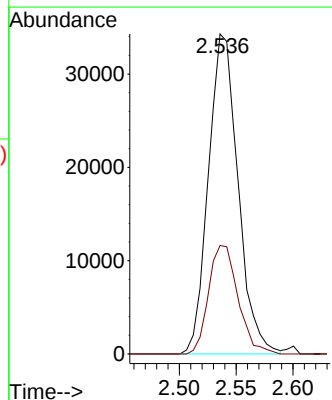
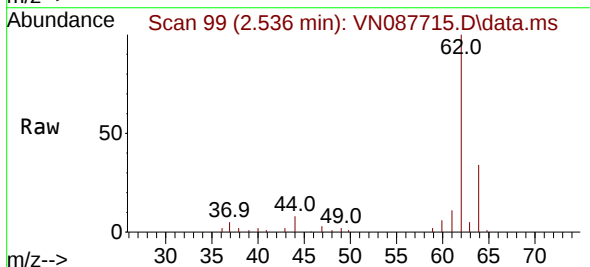
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

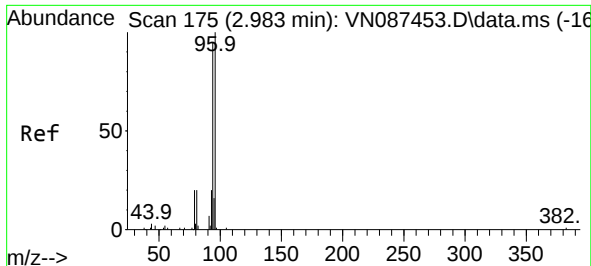
Tgt Ion: 50 Resp: 54828
Ion Ratio Lower Upper
50 100
52 30.4 25.8 38.6



#4
Vinyl Chloride
Concen: 20.174 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 62 Resp: 62242
Ion Ratio Lower Upper
62 100
64 33.9 23.4 35.2

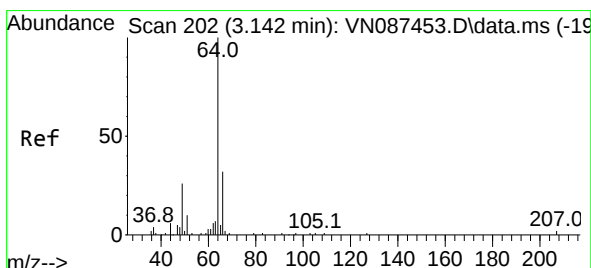
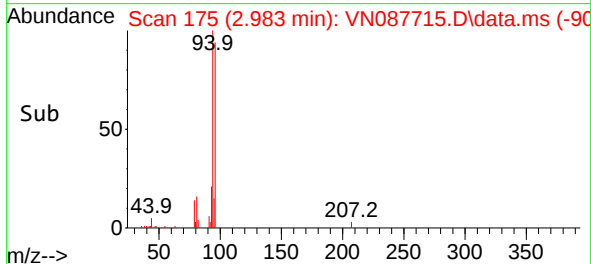
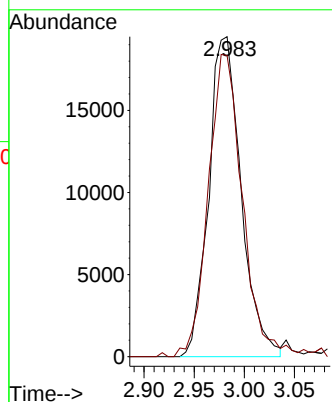
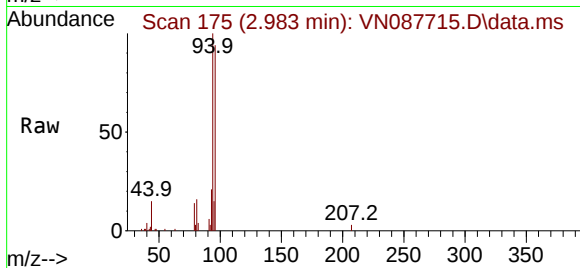




#5
Bromomethane
Concen: 26.234 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

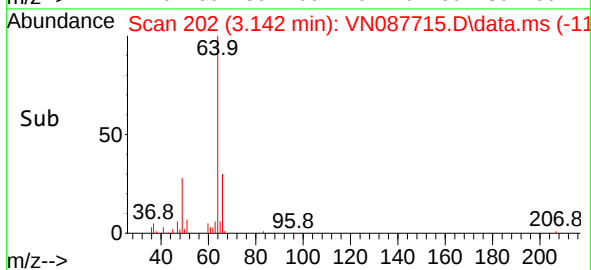
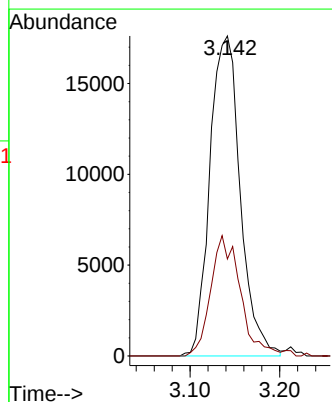
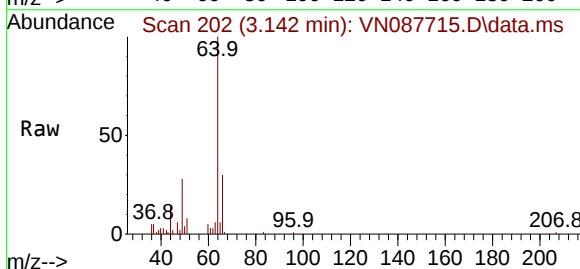
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ClientSampleId :
VN0904WBS01

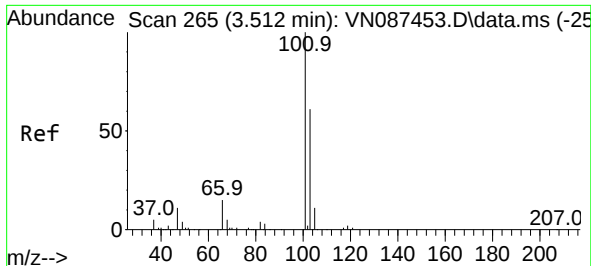
Tgt Ion: 94 Resp: 43809
Ion Ratio Lower Upper
94 100
96 91.5 84.2 126.4



#6
Chloroethane
Concen: 20.824 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 64 Resp: 41428
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.0

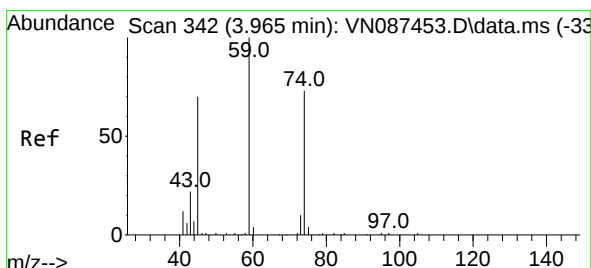
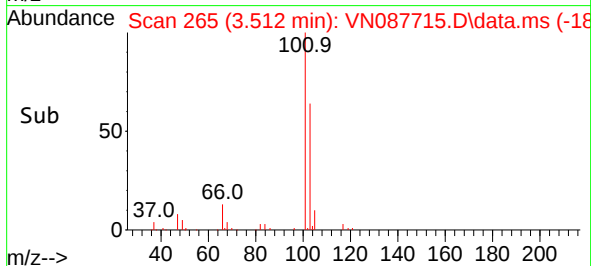
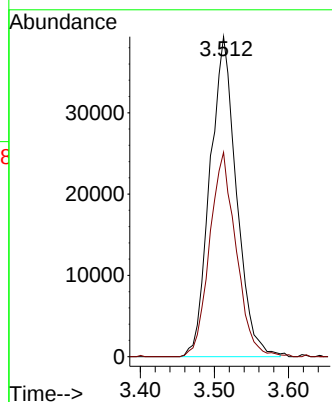
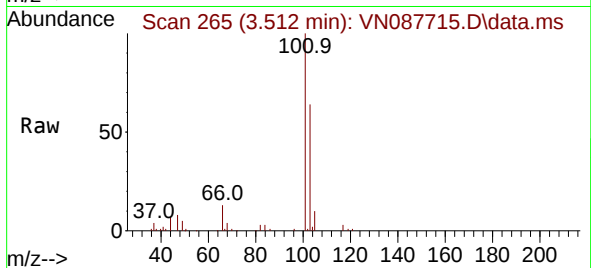




#7
 Trichlorofluoromethane
 Concen: 22.030 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

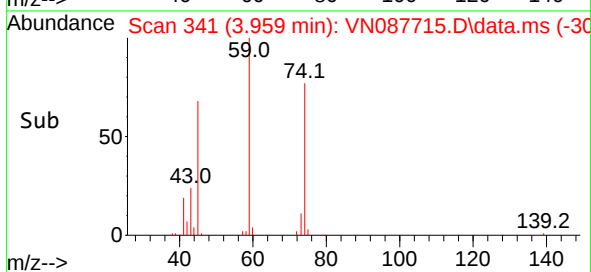
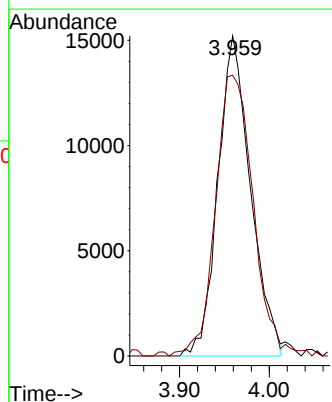
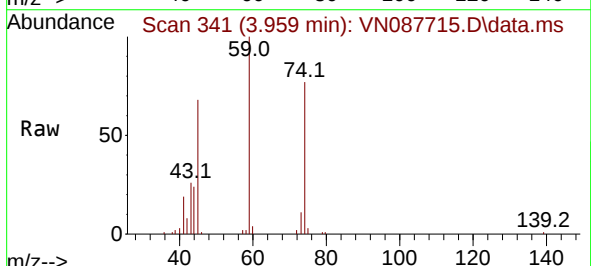
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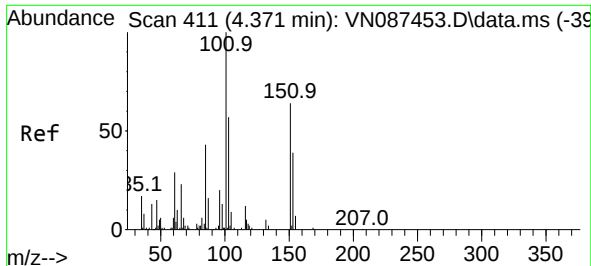
Tgt Ion:101 Resp: 97817
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.2 73.8



#8
 Diethyl Ether
 Concen: 20.745 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

Tgt Ion: 74 Resp: 38375
 Ion Ratio Lower Upper
 74 100
 45 99.2 20.1 180.9

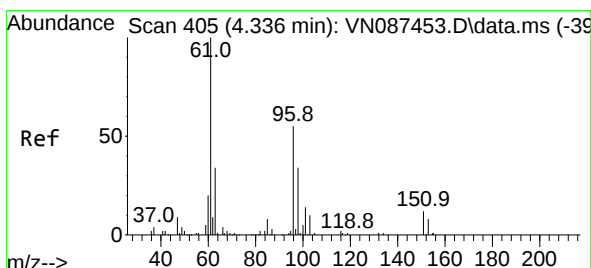
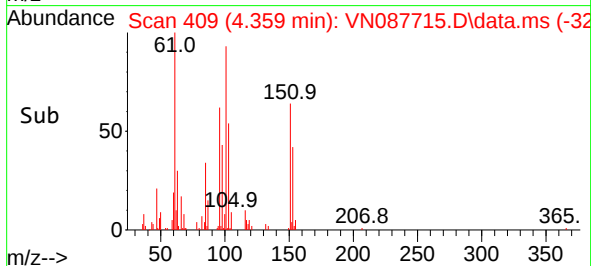
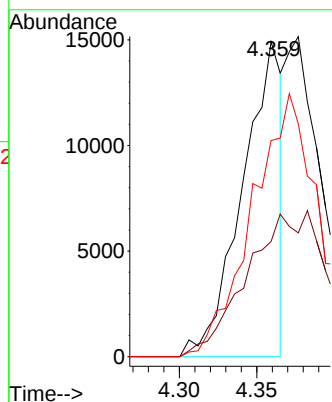
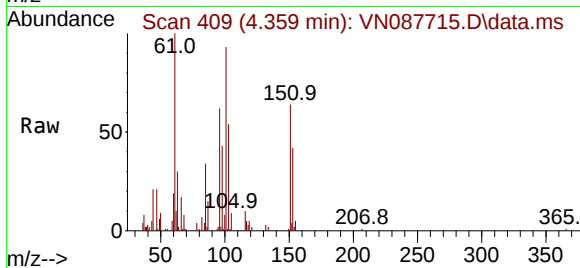




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.649 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

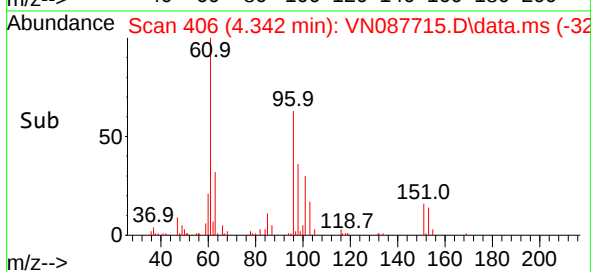
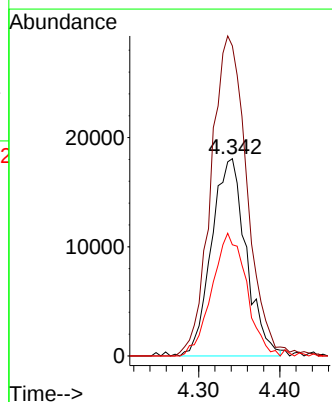
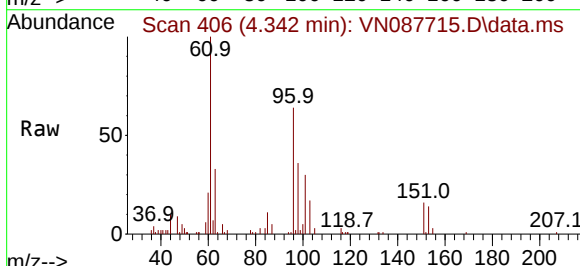
Instrument :
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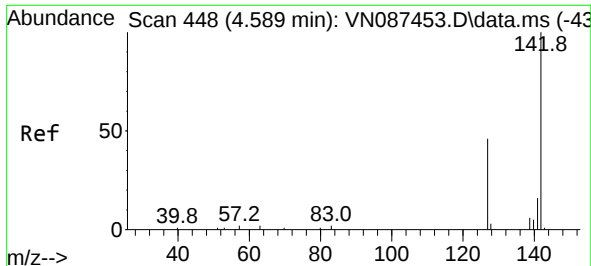
Tgt Ion:101 Resp: 26377
Ion Ratio Lower Upper
101 100
85 60.9 0.0 57.0#
151 145.2 0.0 134.2#



#10
1,1-Dichloroethene
Concen: 22.464 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 96 Resp: 53428
Ion Ratio Lower Upper
96 100
61 155.3 144.2 216.4
98 56.4 49.7 74.5

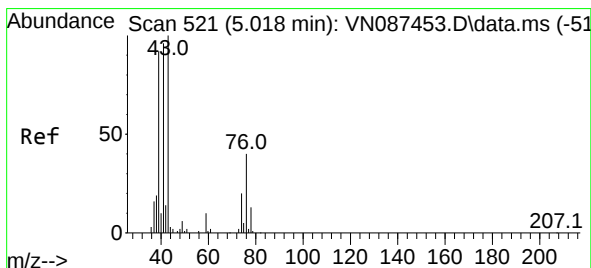
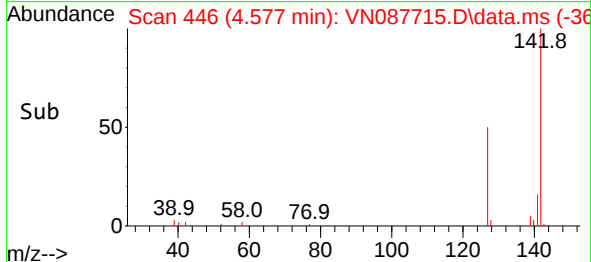
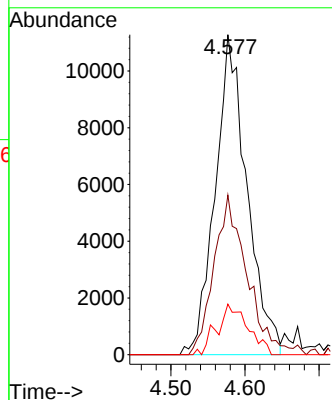
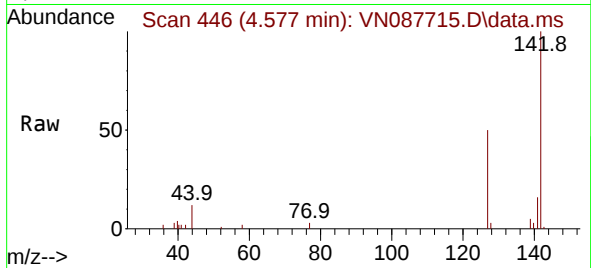




#11
Methyl Iodide
Concen: 17.910 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

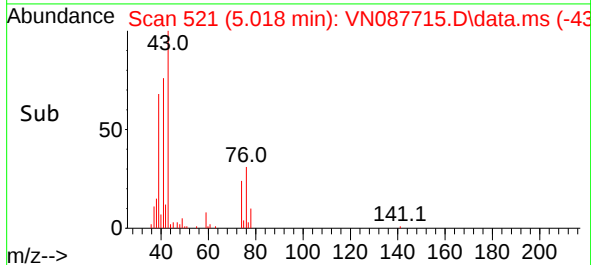
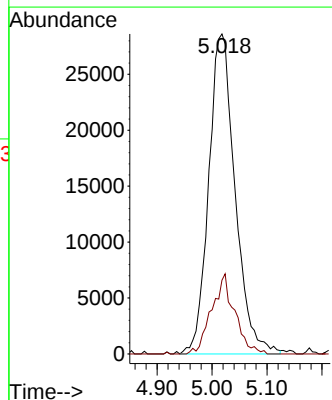
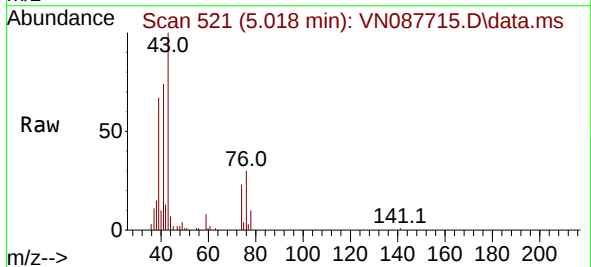
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tgt Ion:142 Resp: 33539
Ion Ratio Lower Upper
142 100
127 49.2 22.9 68.7
141 16.1 7.7 23.1



#12
Methyl Acetate
Concen: 21.765 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 43 Resp: 95525
Ion Ratio Lower Upper
43 100
74 23.2 16.0 24.0

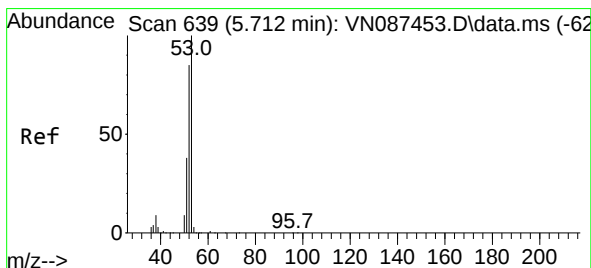
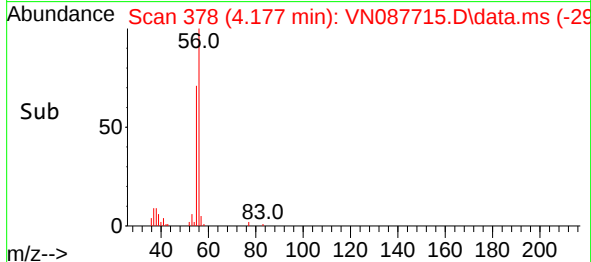
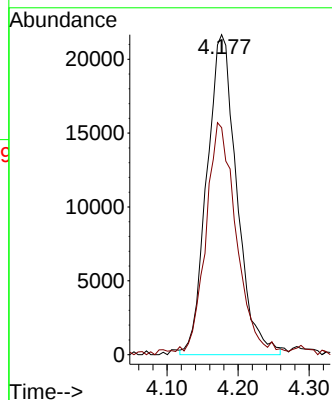
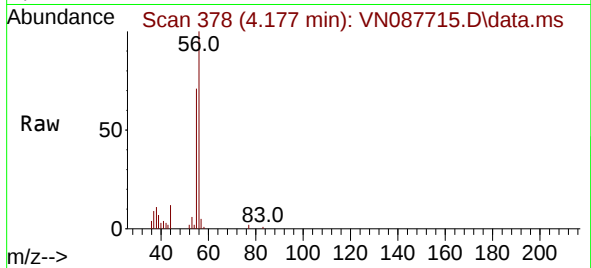




#13
Acrolein
Concen: 94.659 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

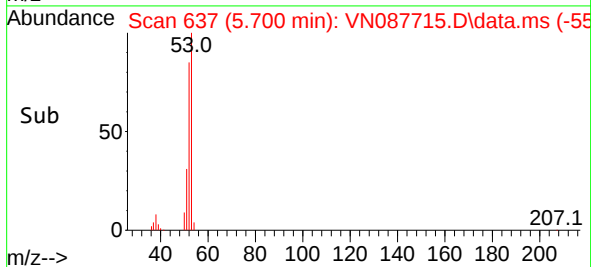
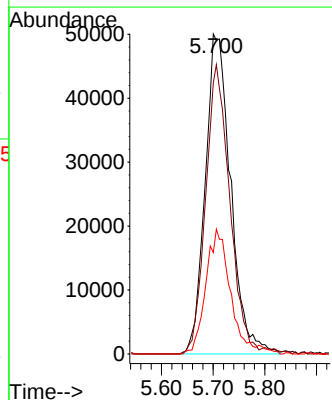
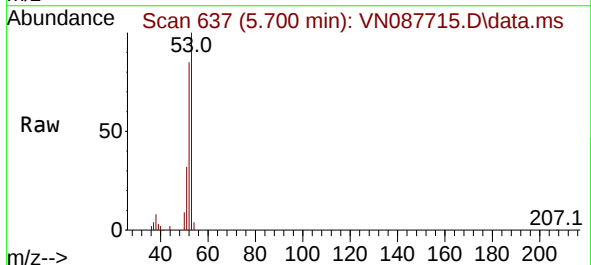
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tgt Ion: 56 Resp: 63454
Ion Ratio Lower Upper
56 100
55 72.4 57.4 86.0



#14
Acrylonitrile
Concen: 89.396 ug/l
RT: 5.700 min Scan# 637
Delta R.T. -0.012 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 53 Resp: 171327
Ion Ratio Lower Upper
53 100
52 85.2 42.4 127.2
51 34.7 18.5 55.5

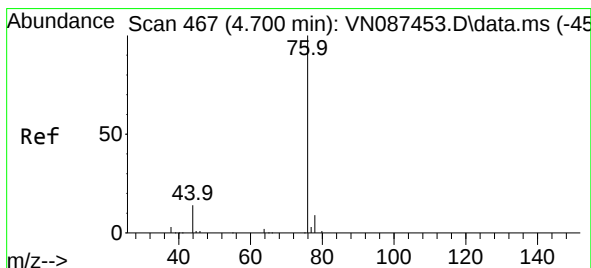
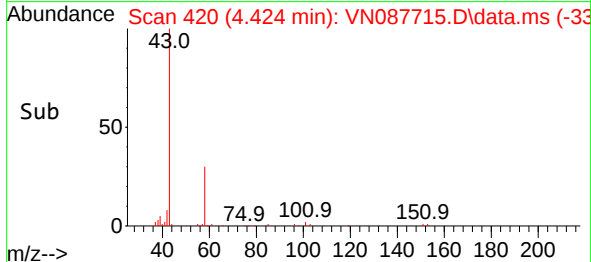
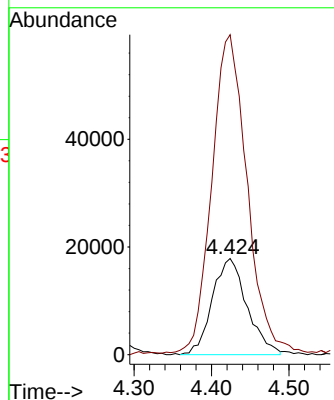
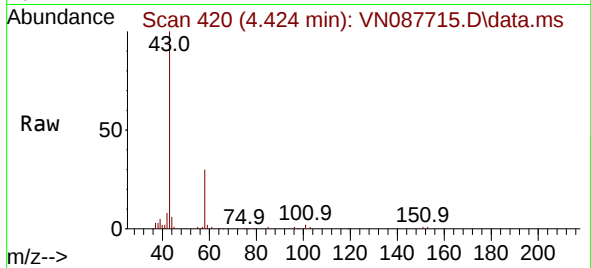




#15
Acetone
Concen: 101.625 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

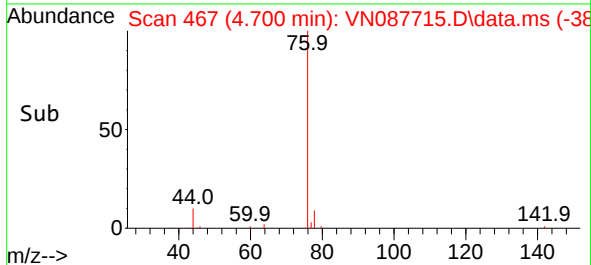
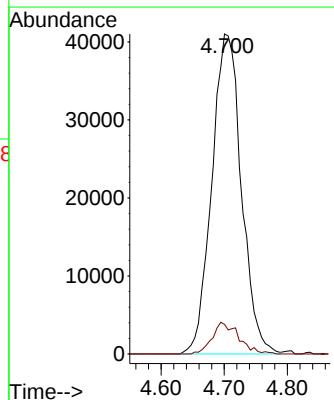
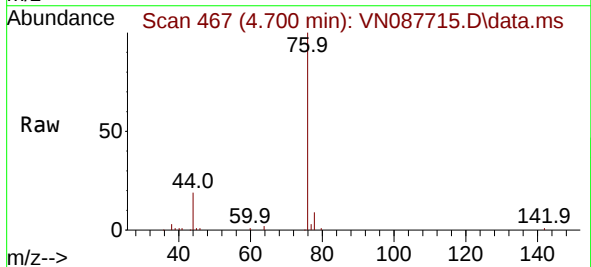
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tgt Ion: 58 Resp: 55649
Ion Ratio Lower Upper
58 100
43 328.5 268.9 403.3



#16
Carbon Disulfide
Concen: 18.104 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 76 Resp: 133566
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

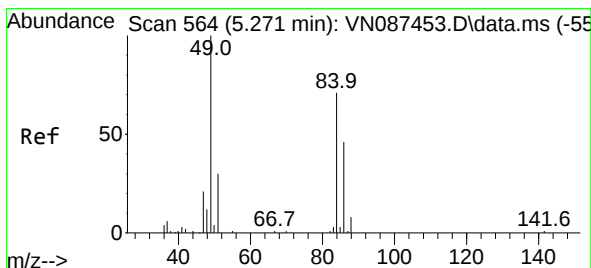
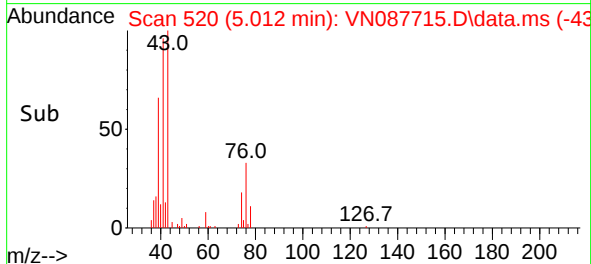
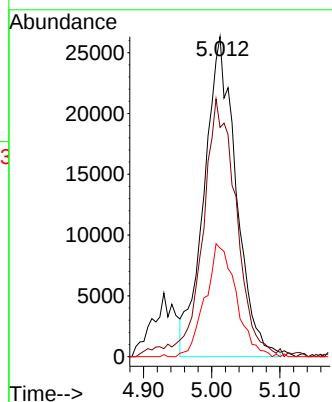
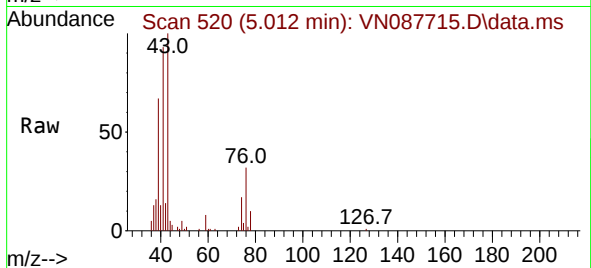




#17
 Allyl chloride
 Concen: 17.716 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

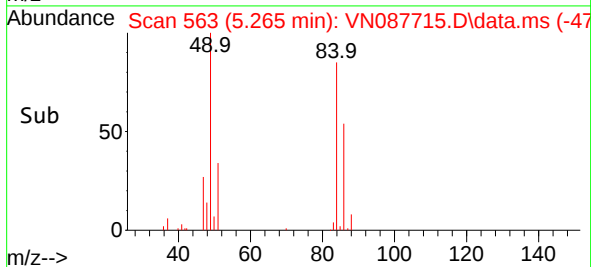
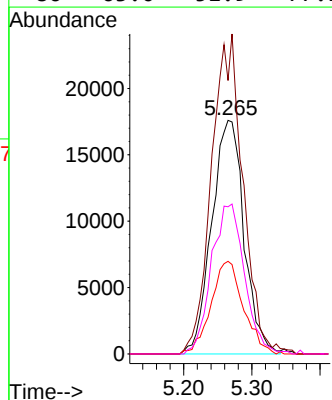
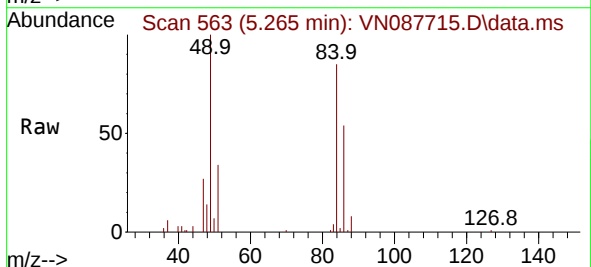
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

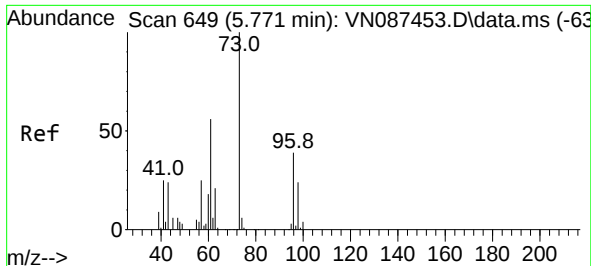
Tgt Ion: 41 Resp: 85883
 Ion Ratio Lower Upper
 41 100
 39 70.1 42.4 127.2
 76 34.4 16.9 50.6



#18
 Methylene Chloride
 Concen: 18.943 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

Tgt Ion: 84 Resp: 57999
 Ion Ratio Lower Upper
 84 100
 49 117.0 112.9 169.3
 51 39.6 33.8 50.8
 86 63.0 51.9 77.9

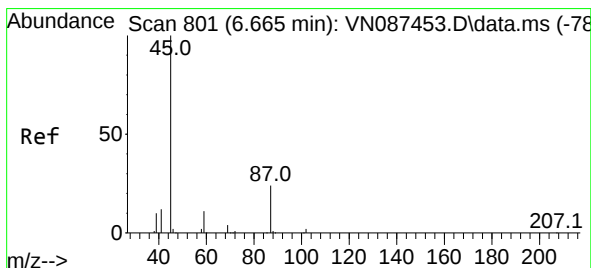
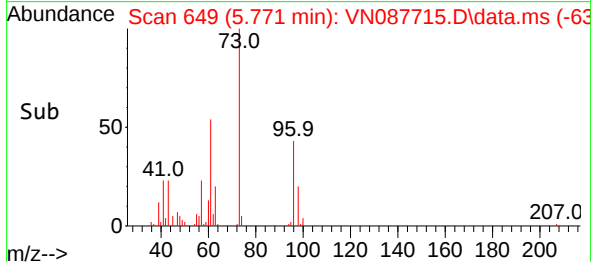
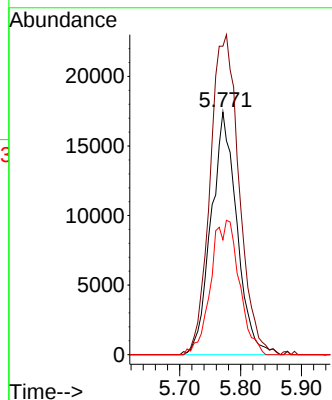
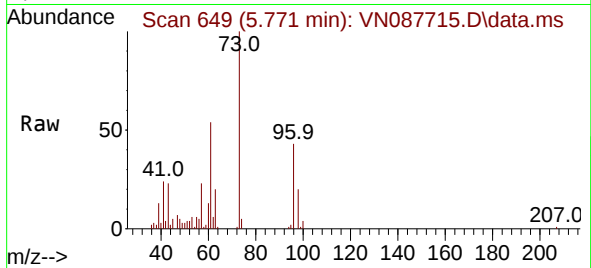




#19
trans-1,2-Dichloroethene
Concen: 18.135 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

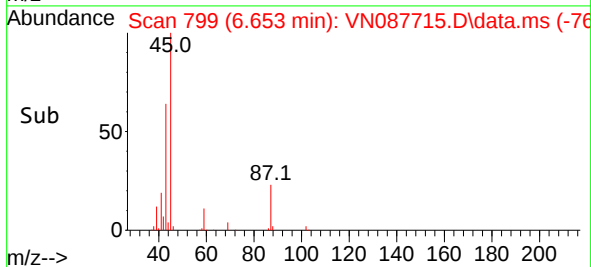
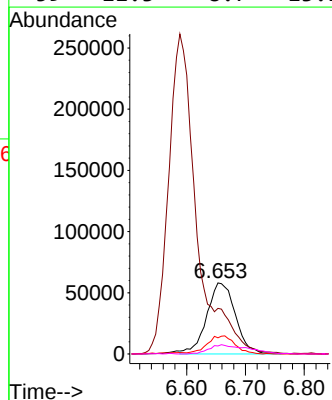
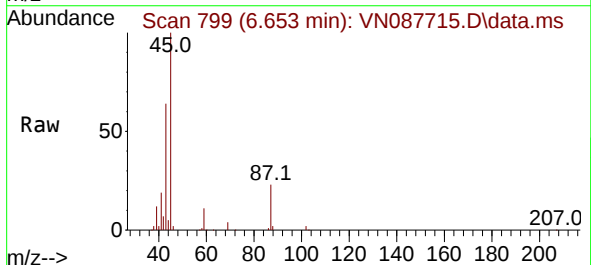
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tgt Ion: 96 Resp: 51291
Ion Ratio Lower Upper
96 100
61 127.2 114.2 171.4
98 47.4 48.7 73.1#



#20
Diisopropyl ether
Concen: 17.739 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.012 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 45 Resp: 195895
Ion Ratio Lower Upper
45 100
43 63.0 44.7 67.1
87 22.5 20.2 30.2
59 11.3 8.7 13.1

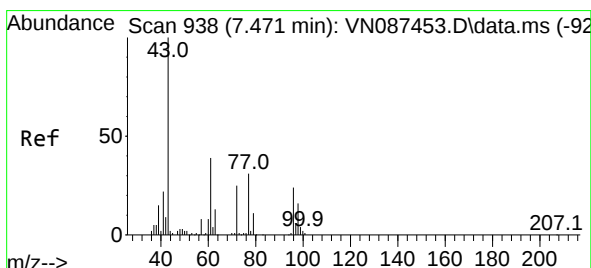
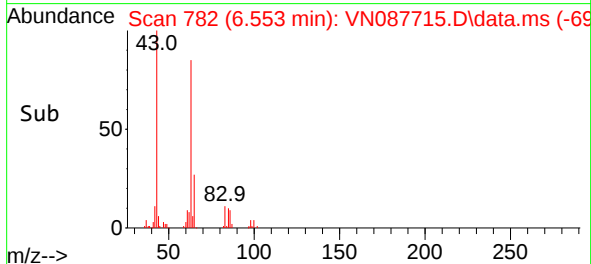
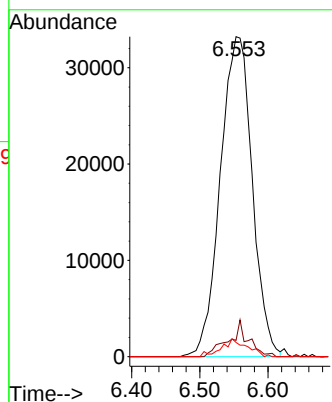
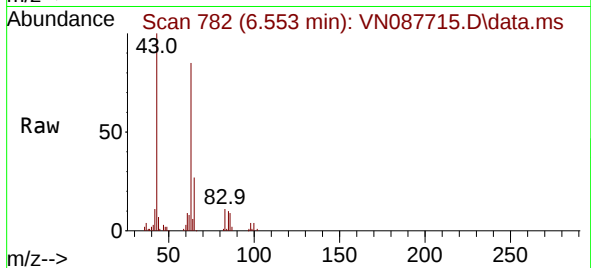




#21
1,1-Dichloroethane
Concen: 18.931 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

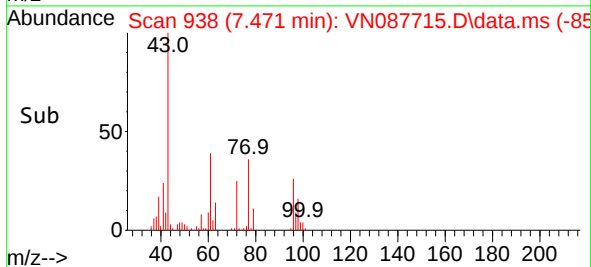
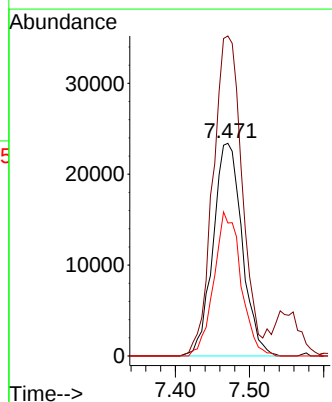
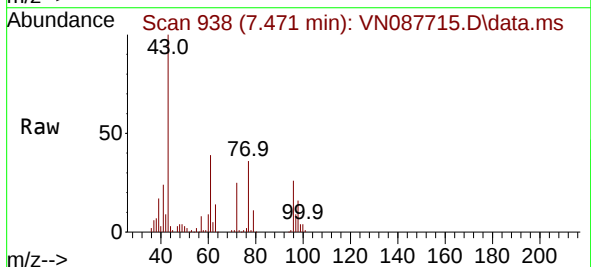
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

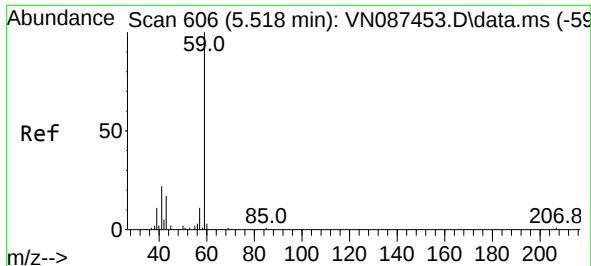
Tgt Ion: 63 Resp: 108065
Ion Ratio Lower Upper
63 100
98 5.1 3.0 9.0
100 4.5 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 18.300 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 96 Resp: 63685
Ion Ratio Lower Upper
96 100
61 150.8 126.6 190.0
98 63.1 50.9 76.3

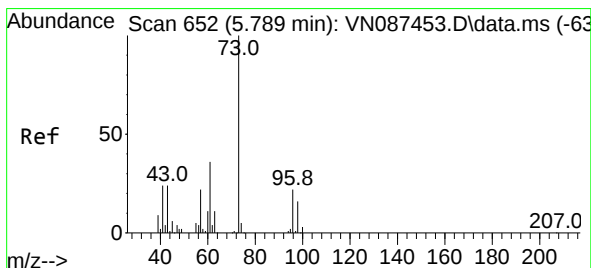
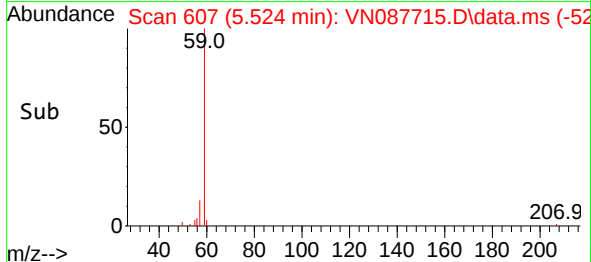
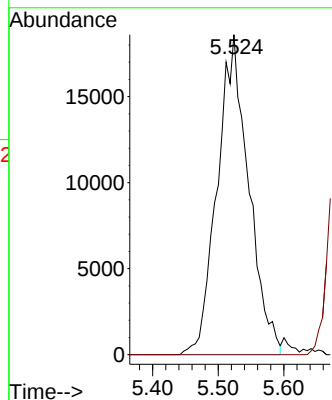
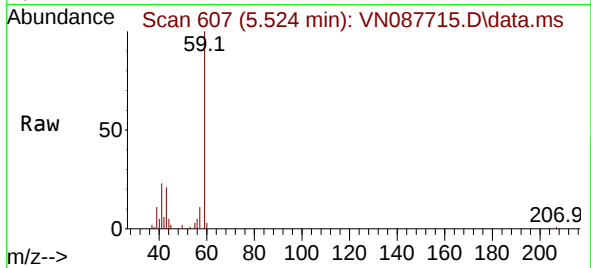




#23
tert-Butyl Alcohol
Concen: 75.900 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

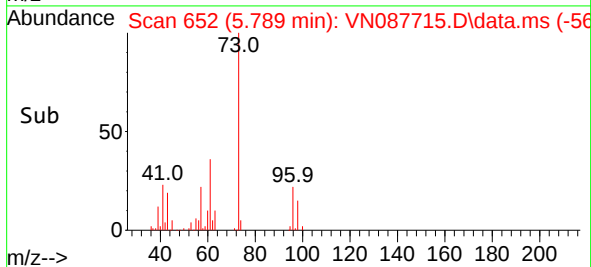
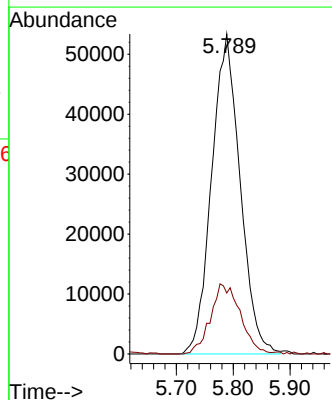
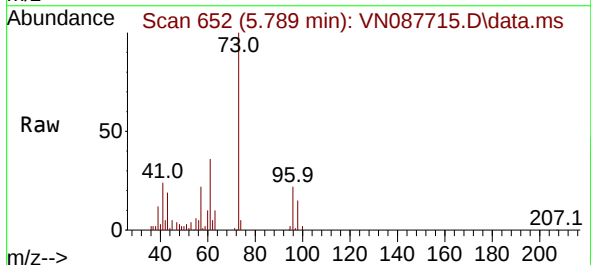
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

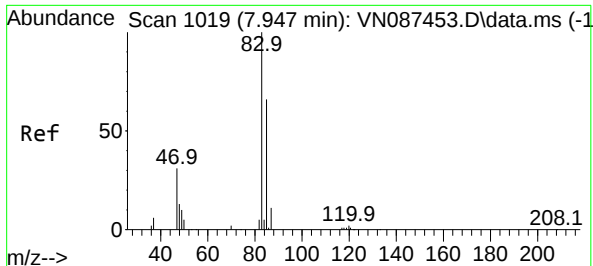
Tgt Ion: 59 Resp: 61811
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.130 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 73 Resp: 185640
Ion Ratio Lower Upper
73 100
43 22.9 19.9 29.9





#25

Chloroform

Concen: 18.874 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

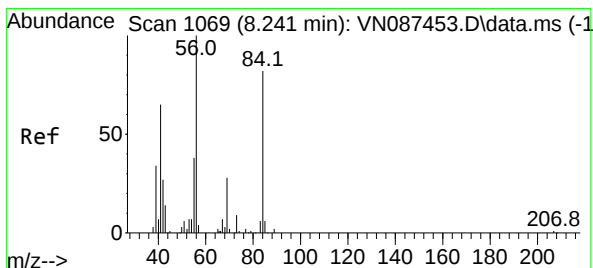
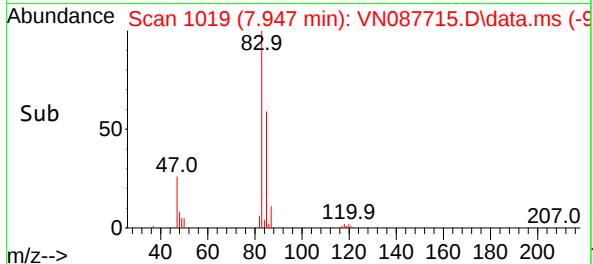
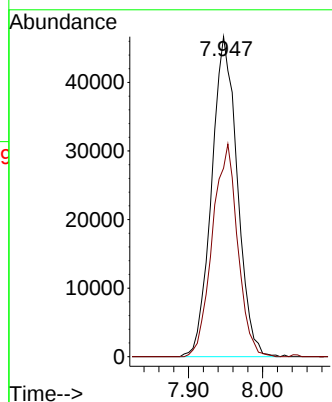
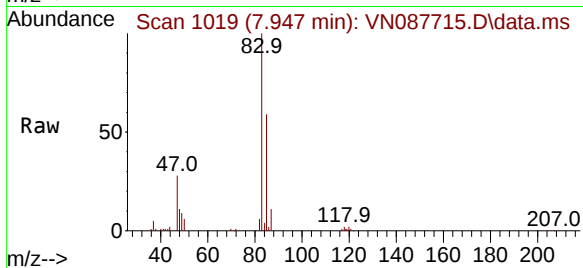
VN0904WBS01

Tgt Ion: 83 Resp: 112463

Ion Ratio Lower Upper

83 100

85 58.9 52.6 78.8



#26

Cyclohexane

Concen: 17.353 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

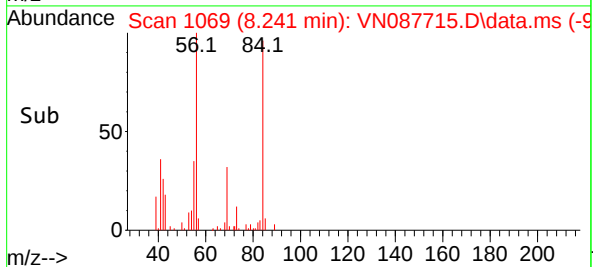
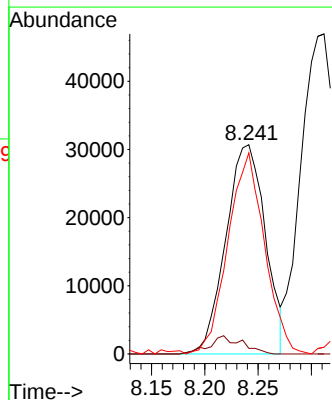
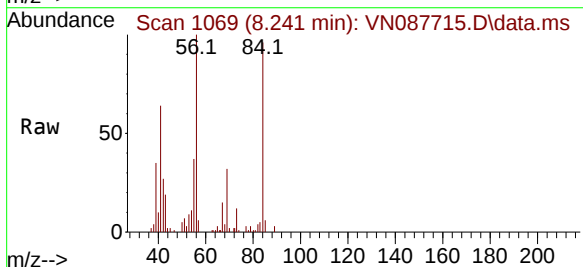
Tgt Ion: 56 Resp: 79309

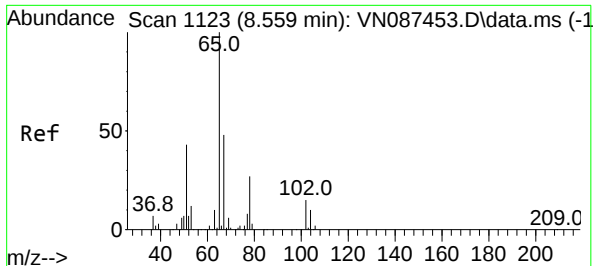
Ion Ratio Lower Upper

56 100

89 2.0 2.3 3.5#

84 89.0 67.0 100.4

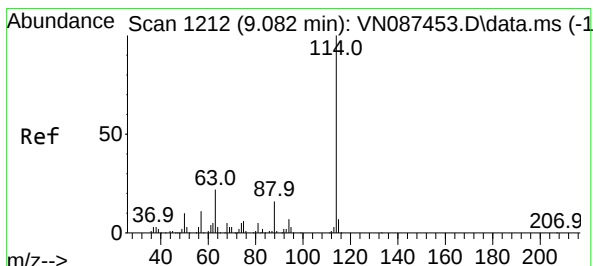
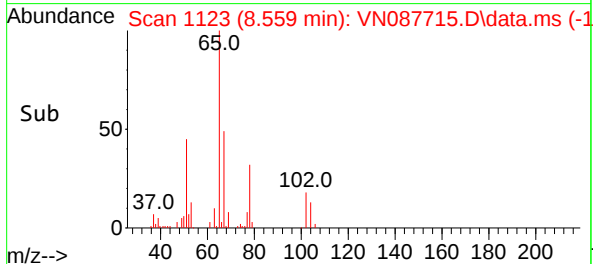
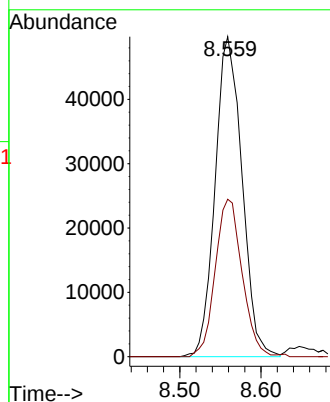
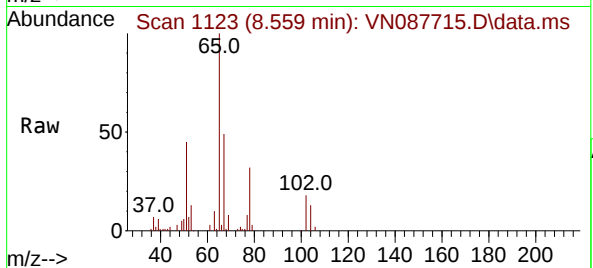




#27
1,2-Dichloroethane-d4
Concen: 28.579 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

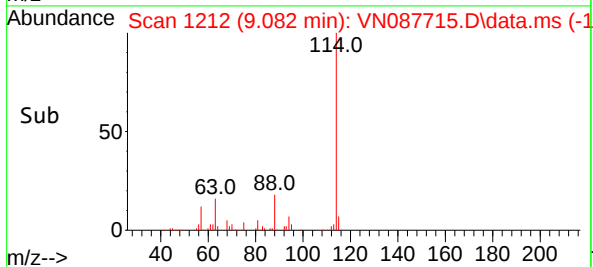
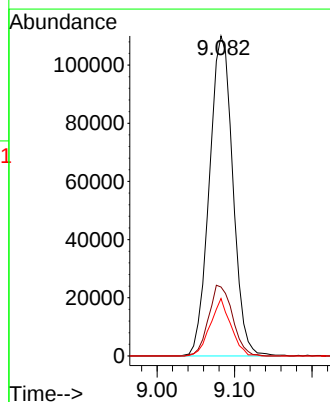
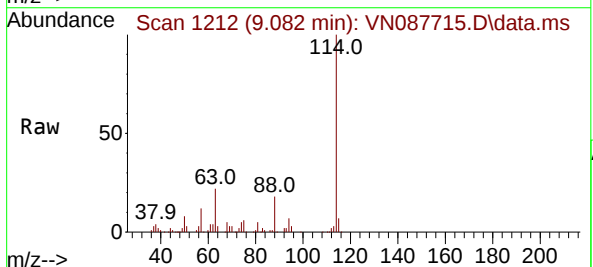
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tgt Ion: 65 Resp: 114466
Ion Ratio Lower Upper
65 100
67 49.1 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: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 114 Resp: 231247
Ion Ratio Lower Upper
114 100
63 22.5 18.9 28.3
88 15.7 13.1 19.7

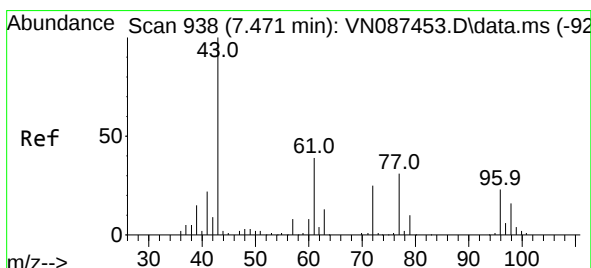
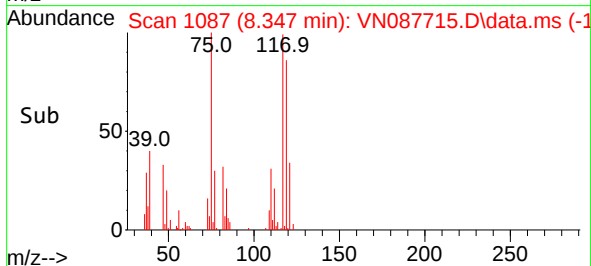
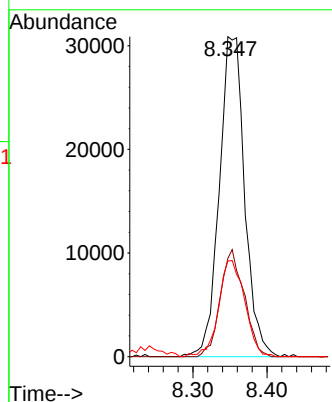
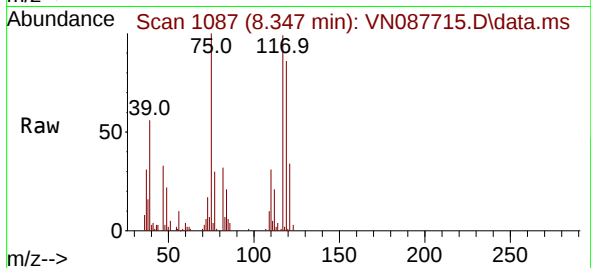




#29
1,1-Dichloropropene
Concen: 19.459 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

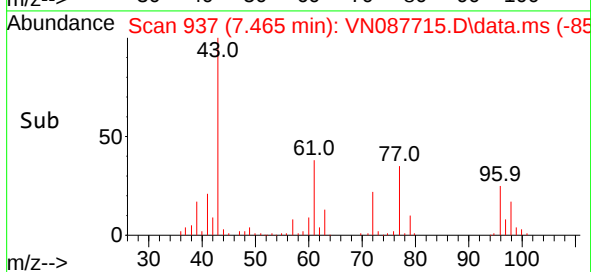
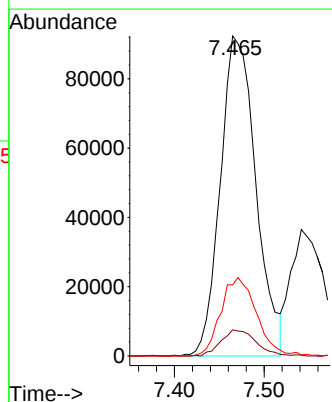
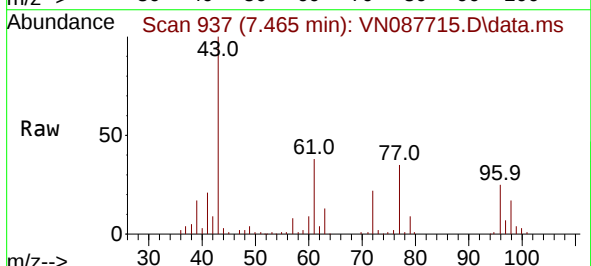
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

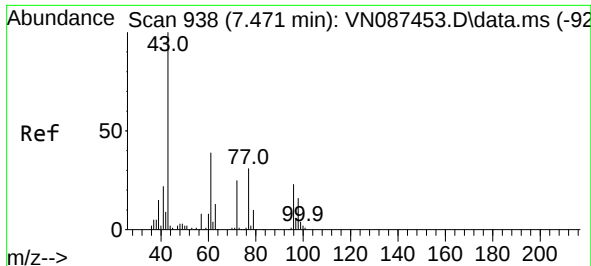
Tgt Ion: 75 Resp: 73391
Ion Ratio Lower Upper
75 100
110 31.7 0.0 65.8
77 29.3 0.0 63.6



#30
2-Butanone
Concen: 91.624 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 43 Resp: 254727
Ion Ratio Lower Upper
43 100
57 8.0 6.6 9.8
72 24.3 19.7 29.5





#31

2,2-Dichloropropane

Concen: 19.482 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

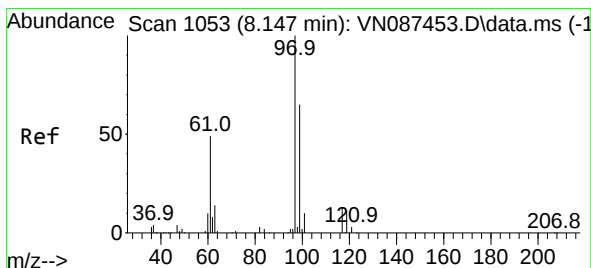
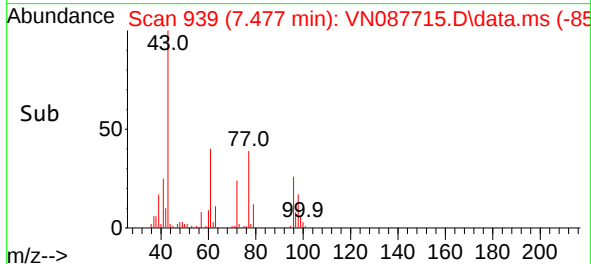
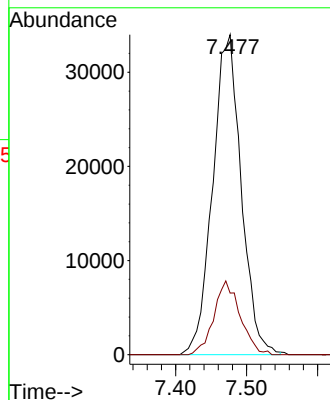
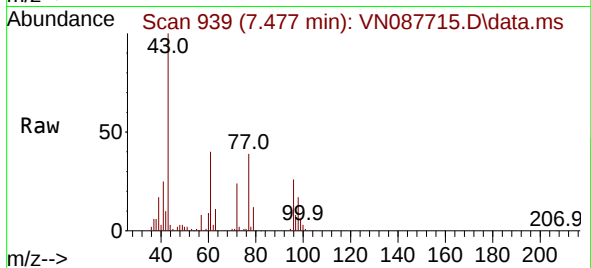
VN0904WBS01

Tgt Ion: 77 Resp: 94769

Ion Ratio Lower Upper

77 100

97 21.1 16.7 25.1



#32

1,1,1-Trichloroethane

Concen: 19.915 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

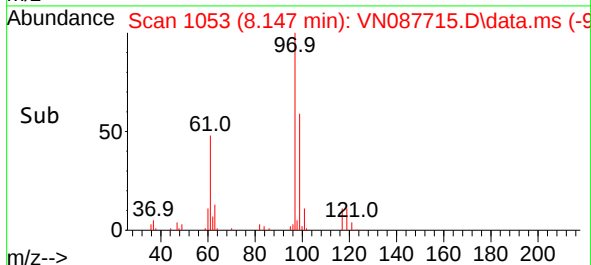
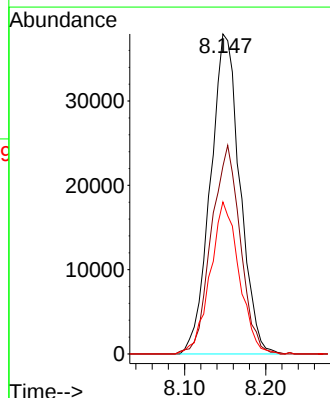
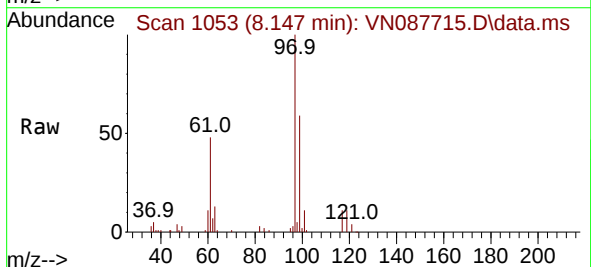
Tgt Ion: 97 Resp: 95796

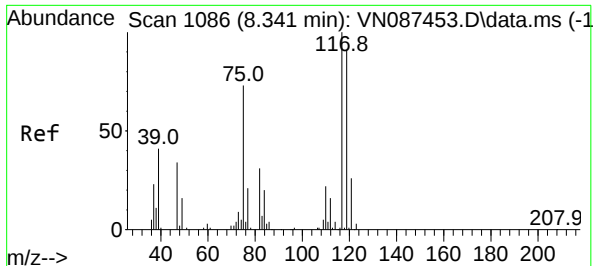
Ion Ratio Lower Upper

97 100

99 63.9 53.0 79.6

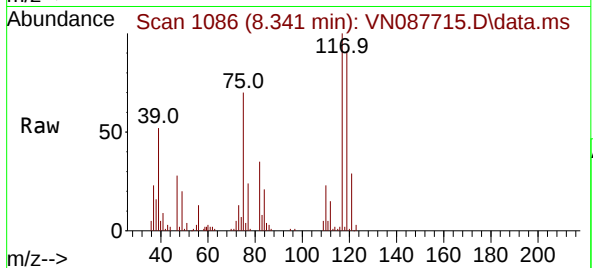
61 46.7 40.6 61.0



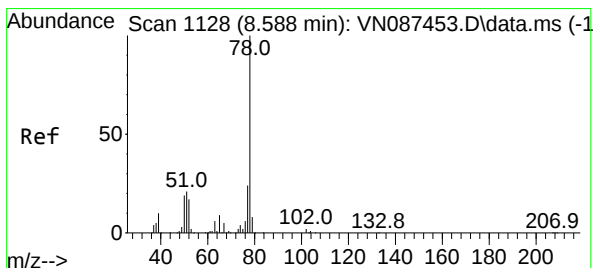
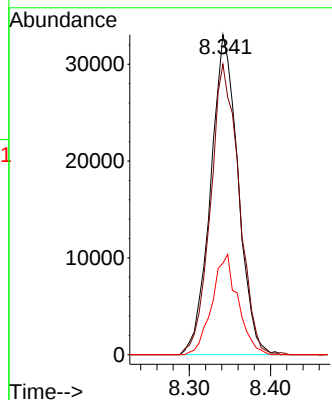
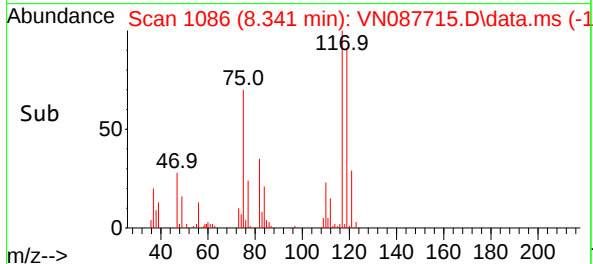


#33
Carbon Tetrachloride
Concen: 19.463 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

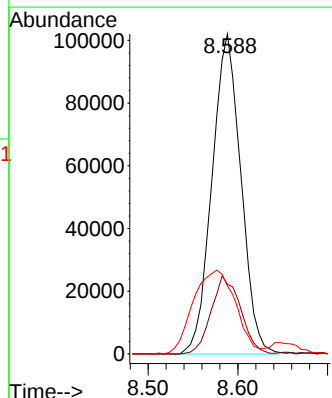
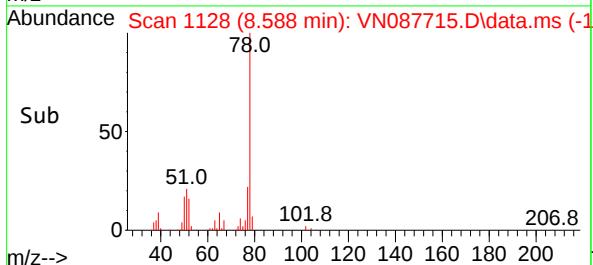
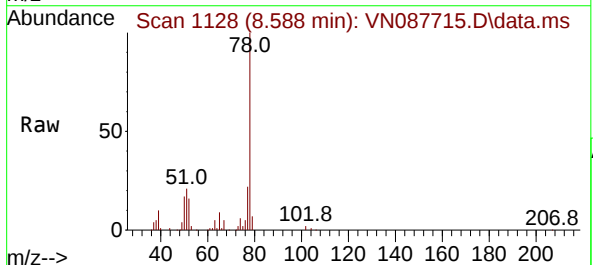


Tgt Ion:117 Resp: 77776
Ion Ratio Lower Upper
117 100
119 90.8 73.4 110.0
121 28.6 21.1 31.7



#34
Benzene
Concen: 19.144 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 78 Resp: 227927
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8
51 17.7 16.9 25.3

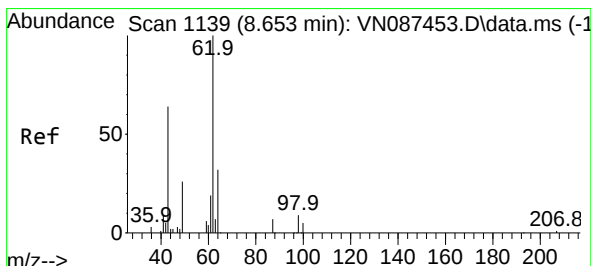
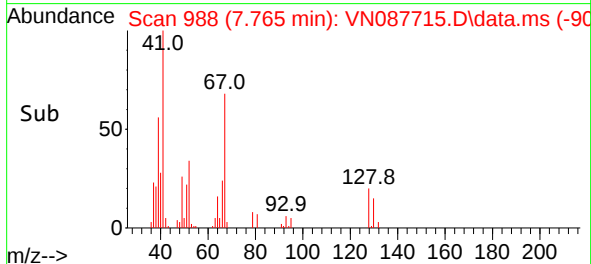
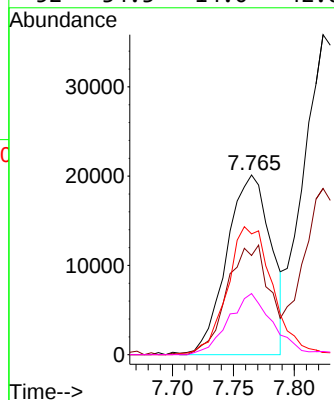
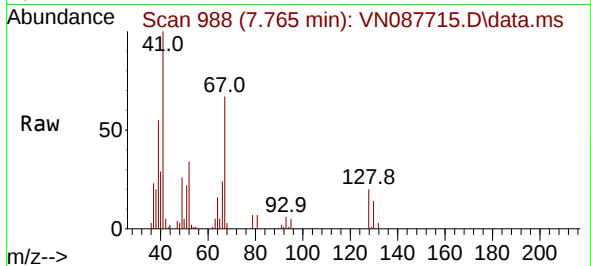




#35
Methacrylonitrile
Concen: 16.984 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

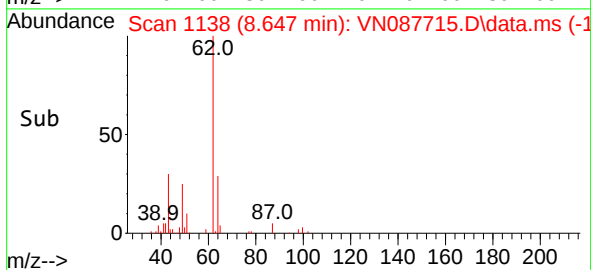
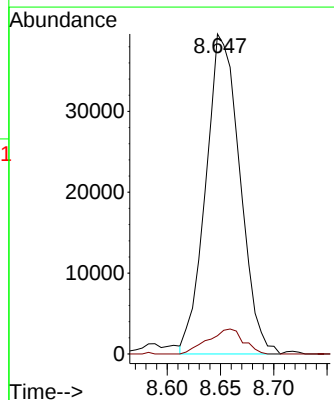
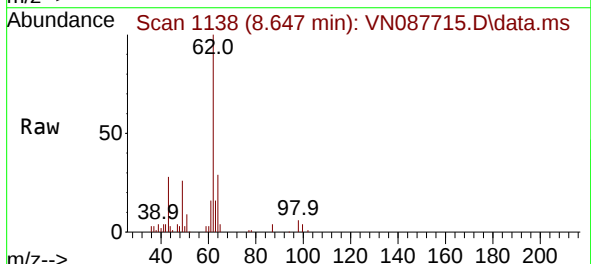
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tgt Ion:	41	Resp:	50954
Ion	Ratio	Lower	Upper
41	100		
39	55.7	30.1	90.5
67	67.0	32.0	96.2
52	34.3	14.0	42.0



#36
1,2-Dichloroethane
Concen: 18.306 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion:	62	Resp:	88092
Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.6	9.8





#37

Trichloroethene

Concen: 19.274 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

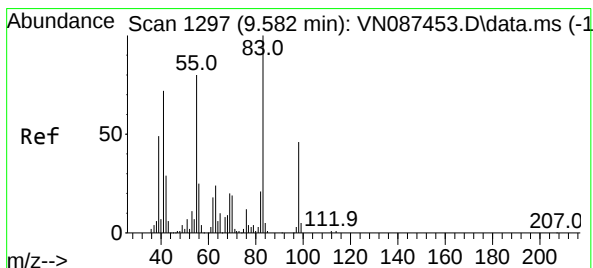
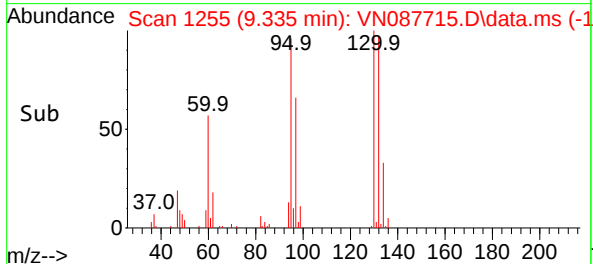
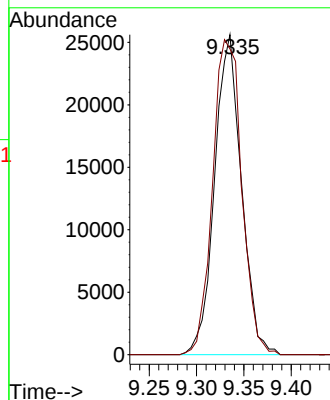
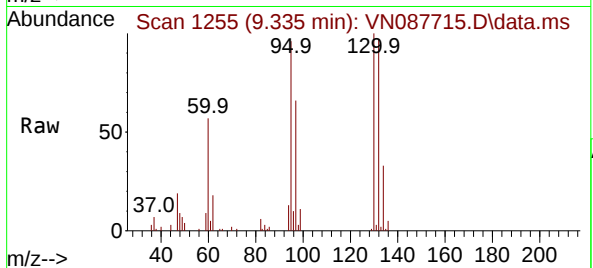
VN0904WBS01

Tgt Ion:130 Resp: 50547

Ion Ratio Lower Upper

130 100

95 95.5 91.4 137.2



#38

Methylcyclohexane

Concen: 17.627 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

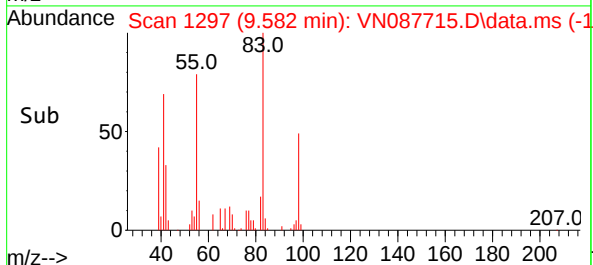
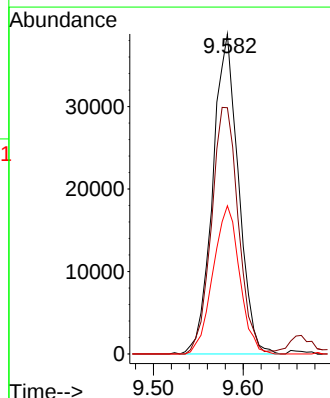
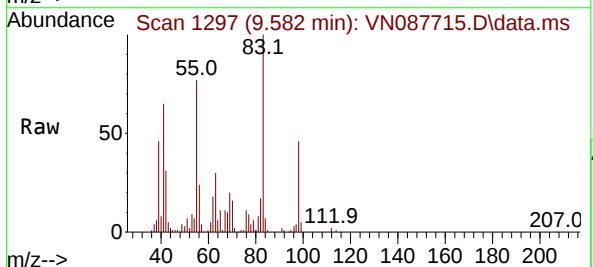
Tgt Ion: 83 Resp: 77129

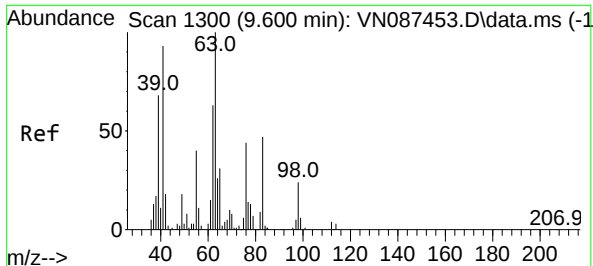
Ion Ratio Lower Upper

83 100

55 80.5 41.2 123.6

98 47.9 23.3 69.9

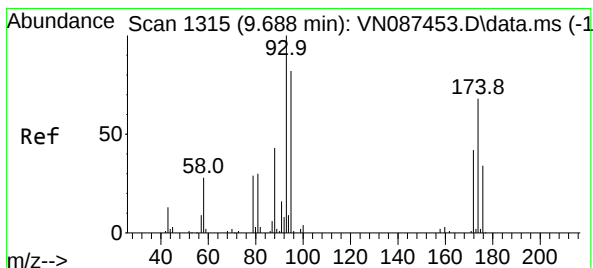
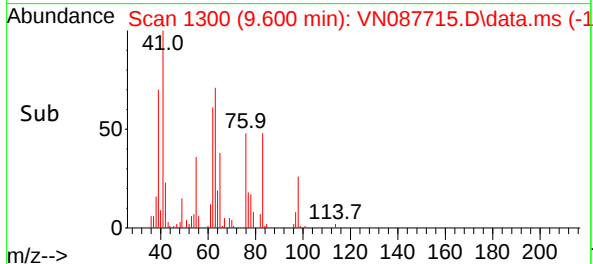
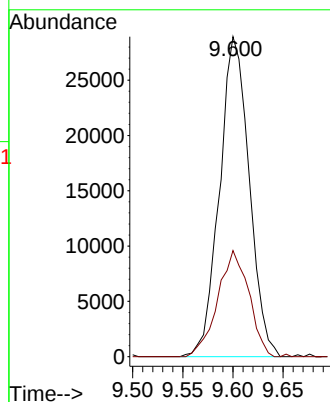
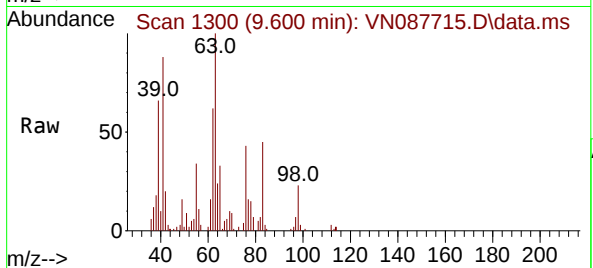




#39
1,2-Dichloropropane
Concen: 19.488 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

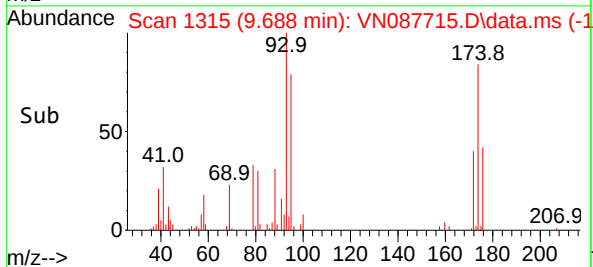
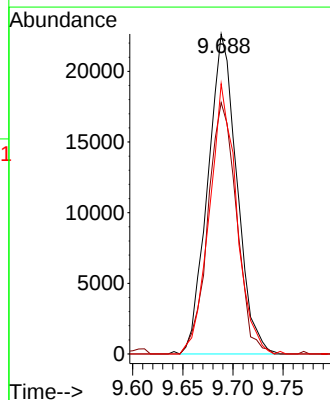
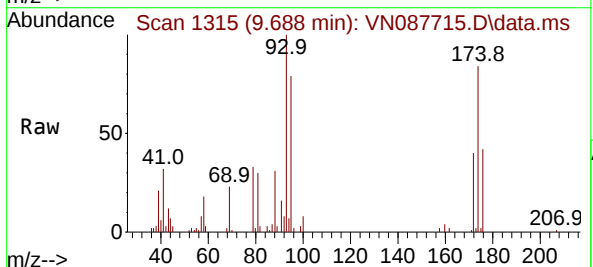
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

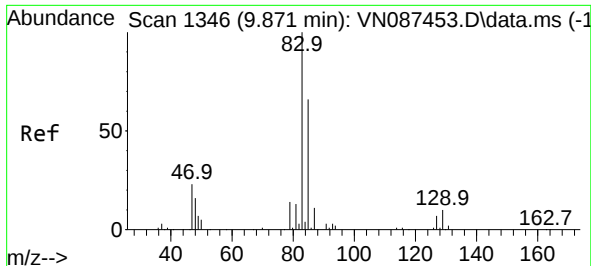
Tgt Ion: 63 Resp: 59488
Ion Ratio Lower Upper
63 100
65 33.1 24.6 36.8



#40
Dibromomethane
Concen: 19.987 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 93 Resp: 45777
Ion Ratio Lower Upper
93 100
95 77.0 0.0 161.6
174 78.5 0.0 151.4

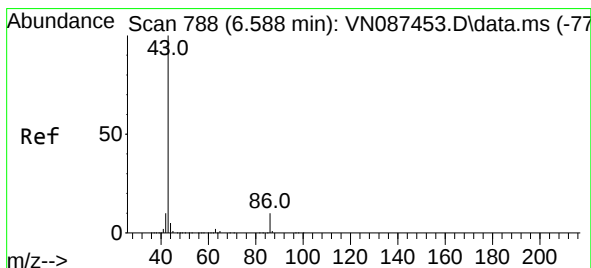
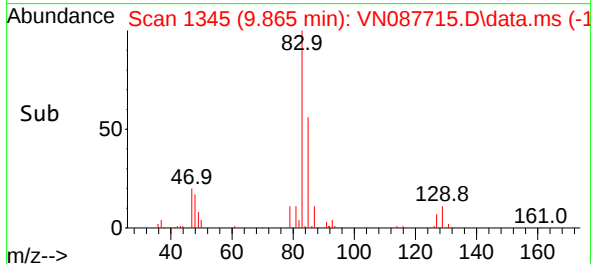
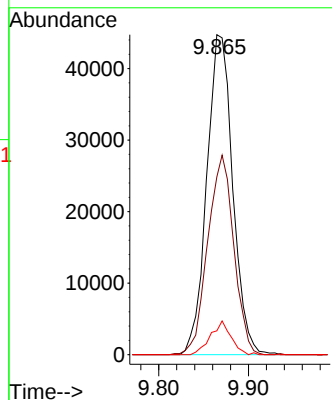
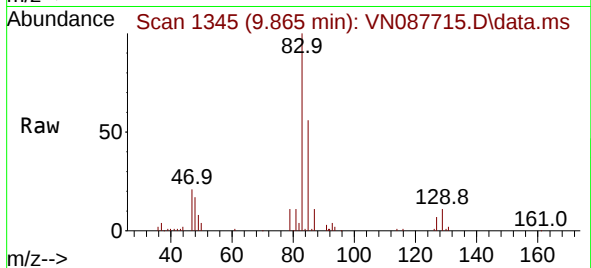




#41
Bromodichloromethane
Concen: 18.911 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

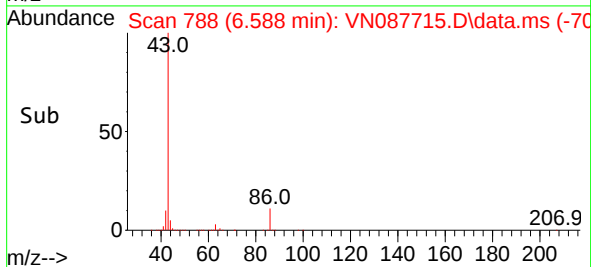
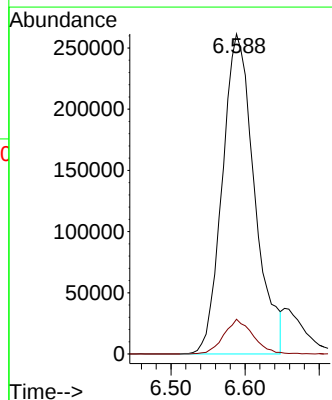
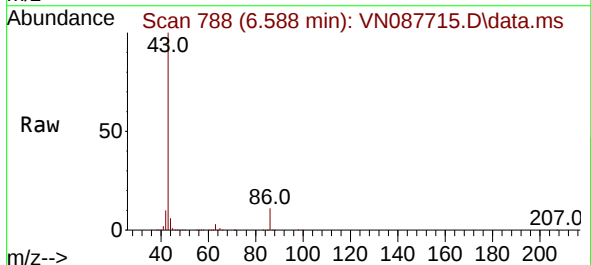
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

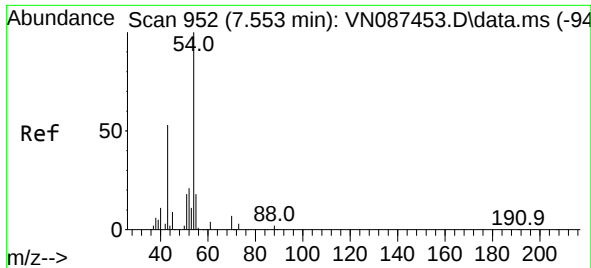
Tgt Ion: 83 Resp: 90003
Ion Ratio Lower Upper
83 100
85 55.2 52.9 79.3
127 7.5 5.8 8.6



#42
Vinyl Acetate
Concen: 86.167 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 43 Resp: 788902
Ion Ratio Lower Upper
43 100
86 9.8 7.3 10.9

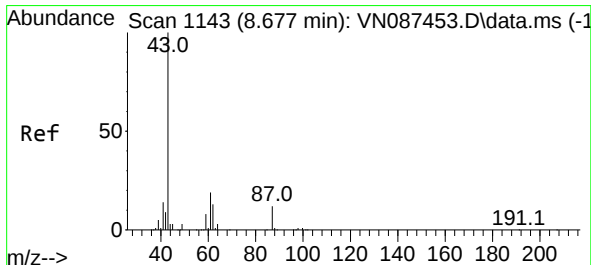
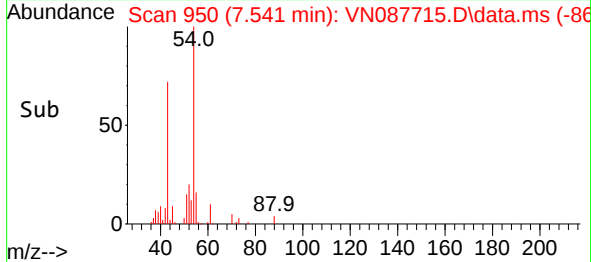
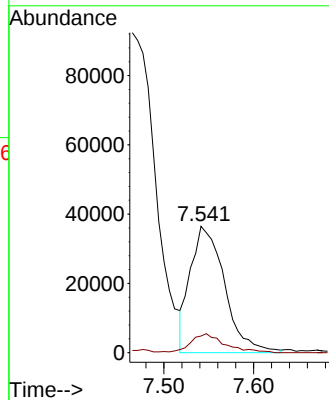
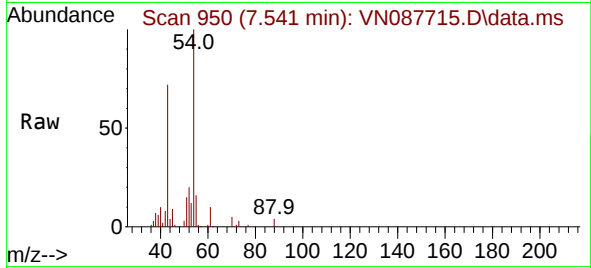




#43
Ethyl Acetate
Concen: 18.059 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

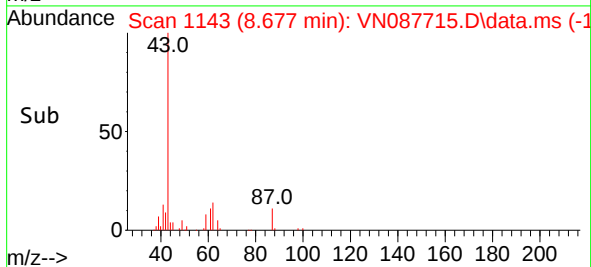
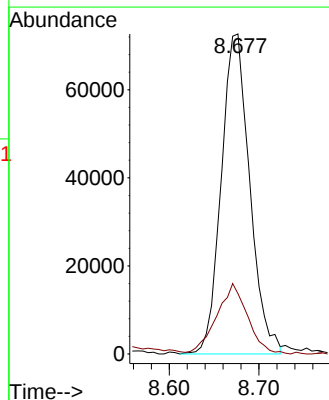
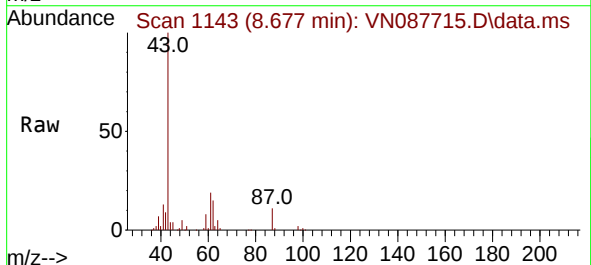
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

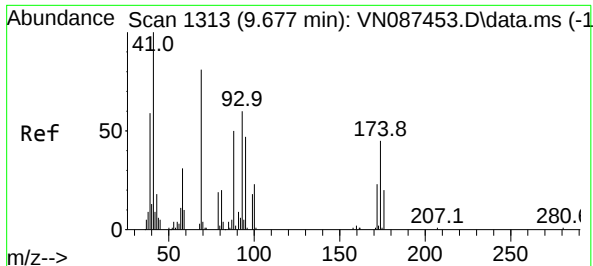
Tgt Ion: 43 Resp: 96992
Ion Ratio Lower Upper
43 100
45 13.7 11.1 16.7



#44
Isopropyl Acetate
Concen: 17.624 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 43 Resp: 160457
Ion Ratio Lower Upper
43 100
61 23.9 18.6 28.0

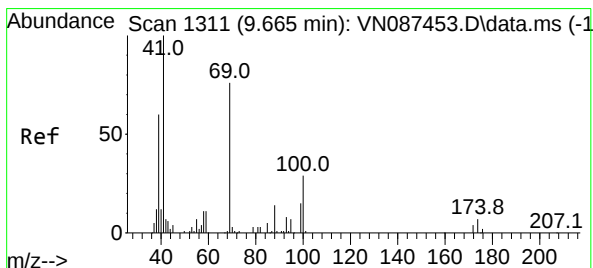
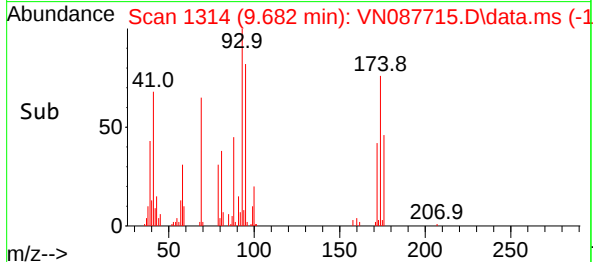
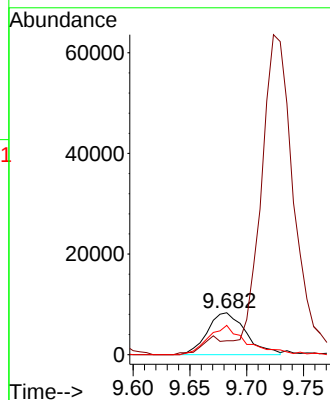
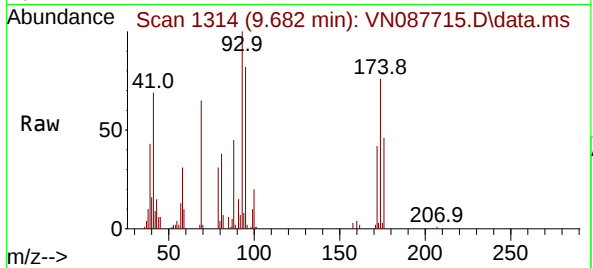




#45
1,4-Dioxane
Concen: 337.304 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

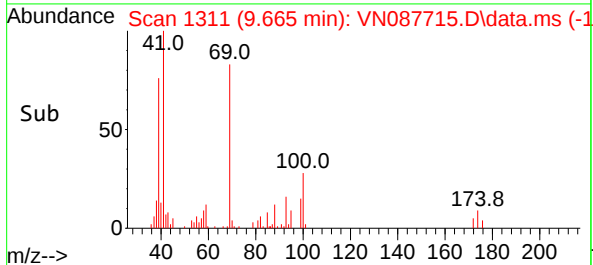
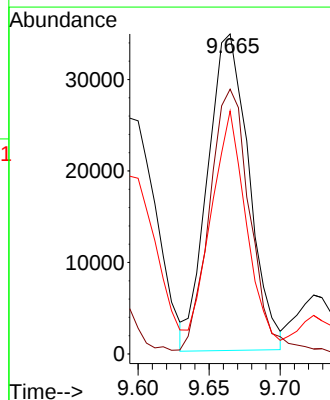
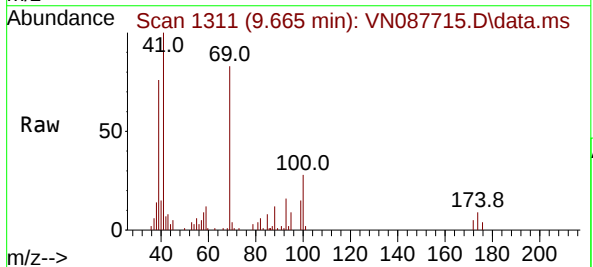
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

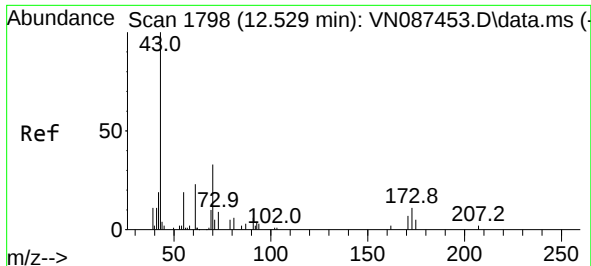
Tgt Ion: 88 Resp: 19577
Ion Ratio Lower Upper
88 100
43 16.5 24.1 36.1#
58 65.8 57.2 85.8



#46
Methyl methacrylate
Concen: 16.322 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 41 Resp: 70145
Ion Ratio Lower Upper
41 100
69 87.7 37.1 111.5
39 77.1 30.7 92.1





#47

n-amy1 Acetate

Concen: 1.006 ug/l

RT: 12.529 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

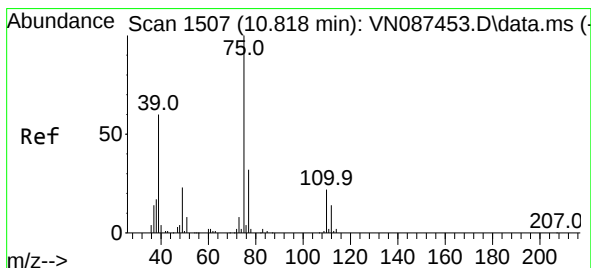
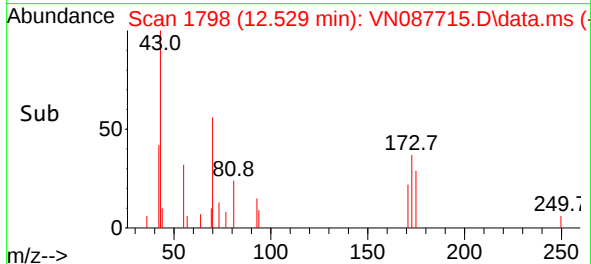
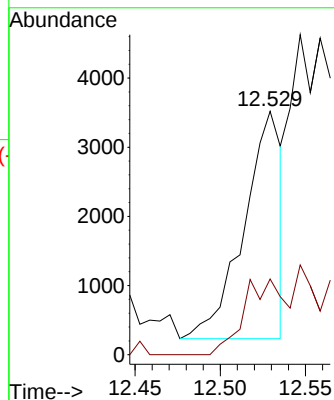
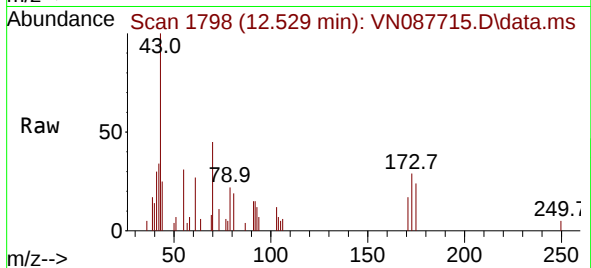
VN0904WBS01

Tgt Ion: 43 Resp: 5059

Ion Ratio Lower Upper

43 100

55 18.5 4.6 6.8#



#48

t-1,3-Dichloropropene

Concen: 17.686 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VN087715.D

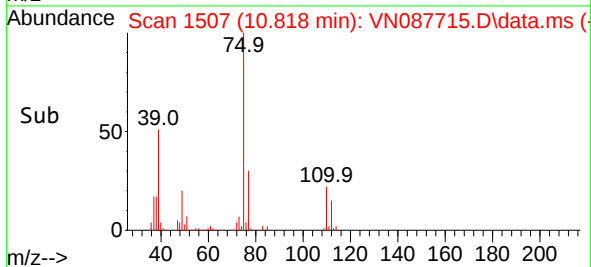
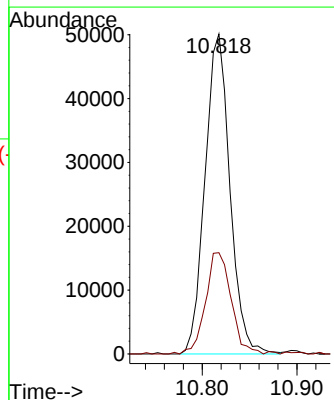
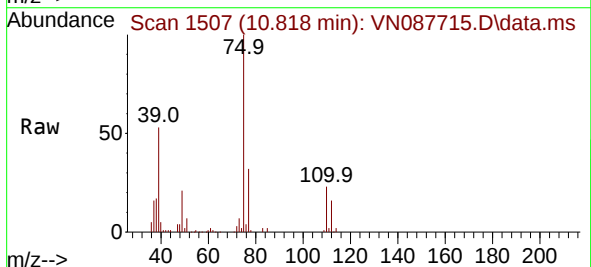
Acq: 04 Sep 2025 12:04

Tgt Ion: 75 Resp: 91571

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.425 ug/l

RT: 10.288 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

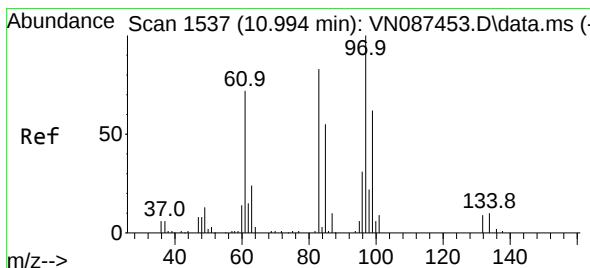
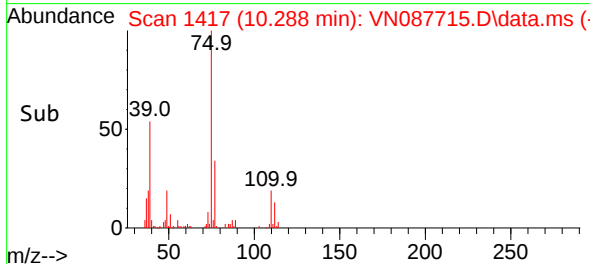
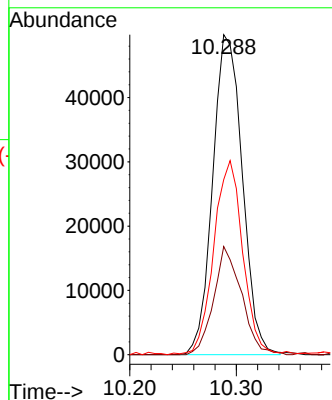
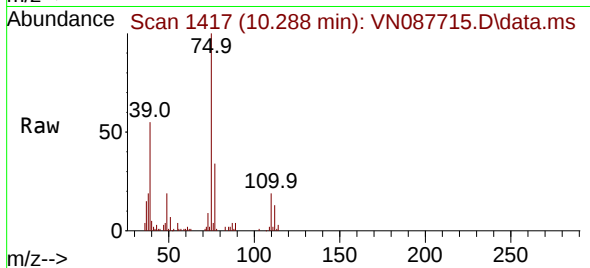
Tgt Ion: 75 Resp: 96006

Ion Ratio Lower Upper

75 100

77 33.8 24.6 36.8

39 54.4 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 19.692 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Tgt Ion: 97 Resp: 56983

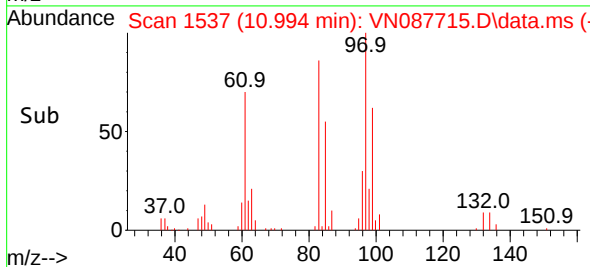
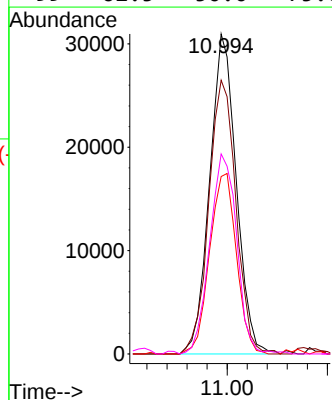
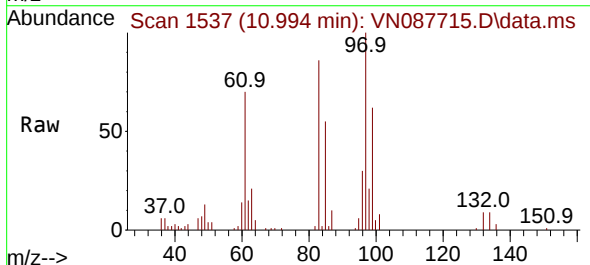
Ion Ratio Lower Upper

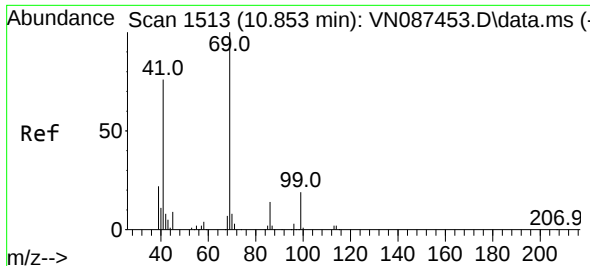
97 100

83 85.6 66.2 99.2

85 55.4 43.9 65.9

99 62.5 50.0 75.0

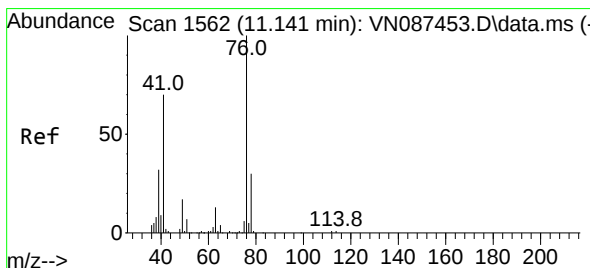
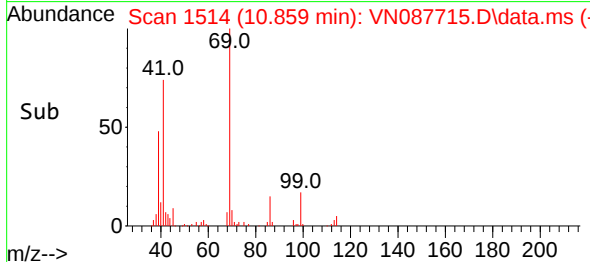
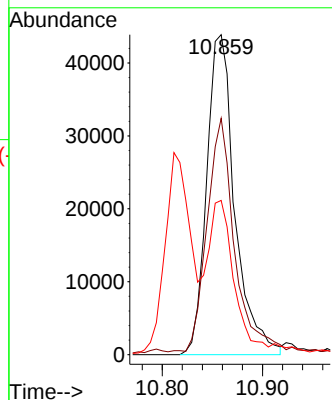
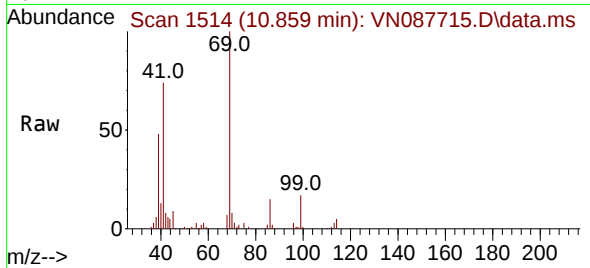




#51
Ethyl methacrylate
Concen: 16.766 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

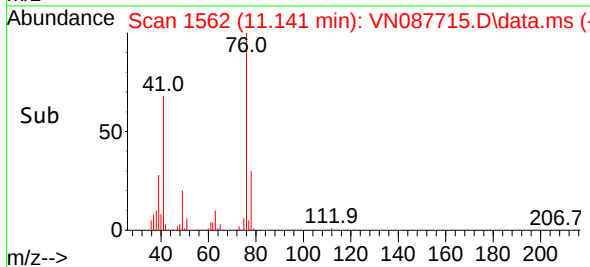
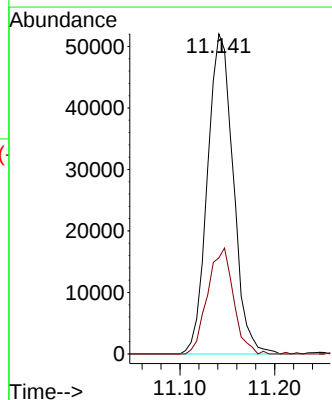
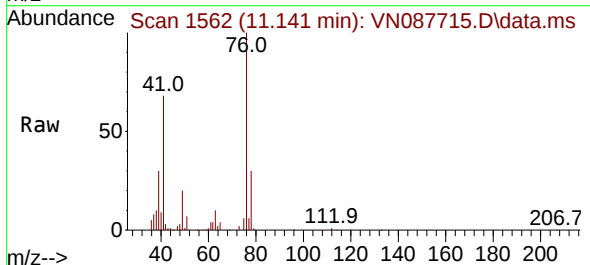
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

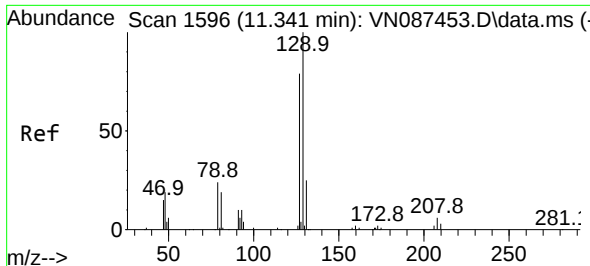
Tgt Ion: 69 Resp: 85447
Ion Ratio Lower Upper
69 100
41 72.6 38.0 114.1
39 45.6 23.2 69.5



#52
1,3-Dichloropropane
Concen: 18.892 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 76 Resp: 98490
Ion Ratio Lower Upper
76 100
78 33.0 0.0 63.0

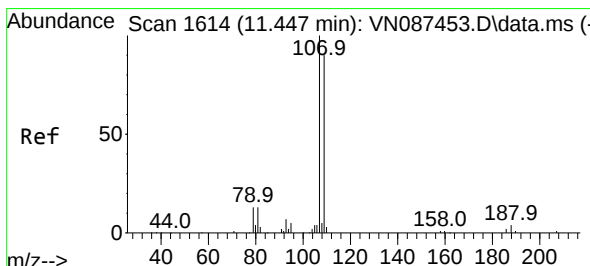
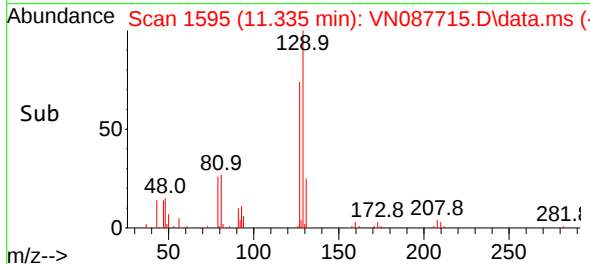
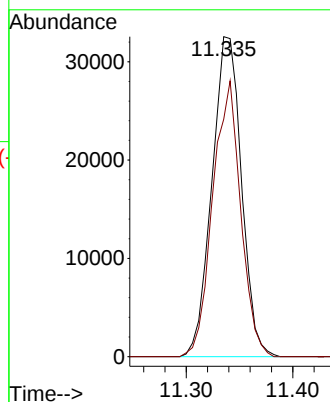
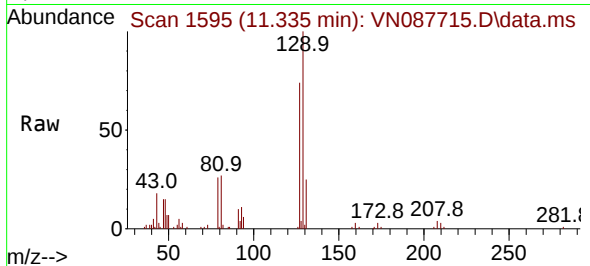




#53
Dibromochloromethane
Concen: 18.773 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

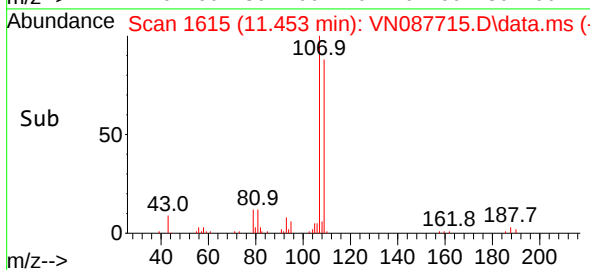
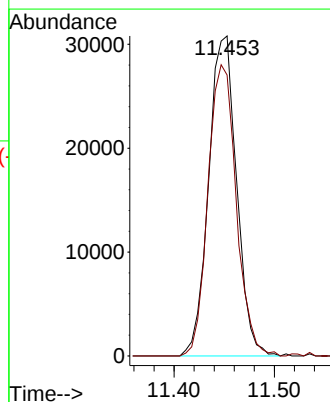
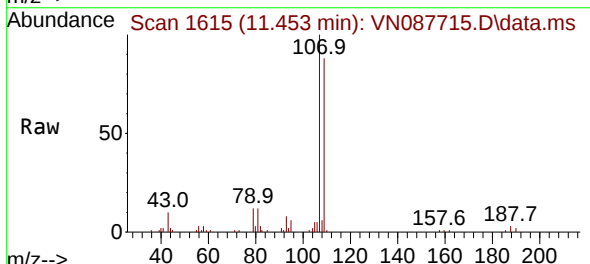
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

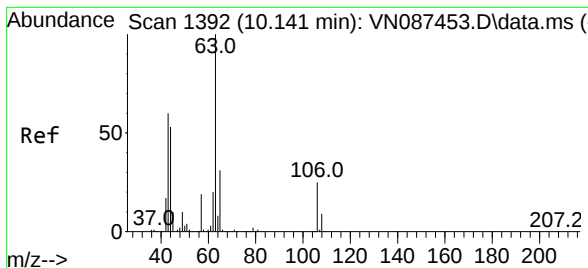
Tgt Ion:129 Resp: 62738
Ion Ratio Lower Upper
129 100
127 81.4 39.1 117.3



#54
1,2-Dibromoethane
Concen: 19.397 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion:107 Resp: 59585
Ion Ratio Lower Upper
107 100
109 92.0 74.2 111.4

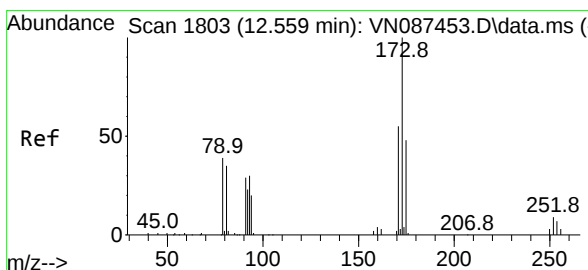
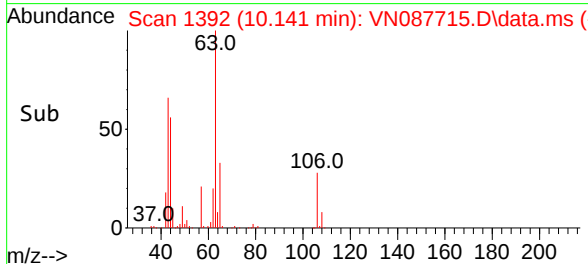
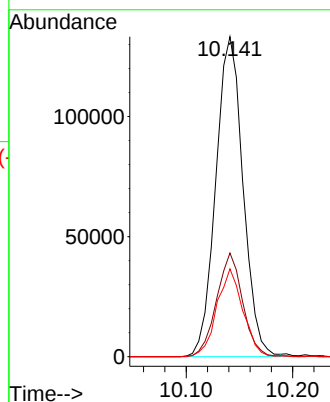
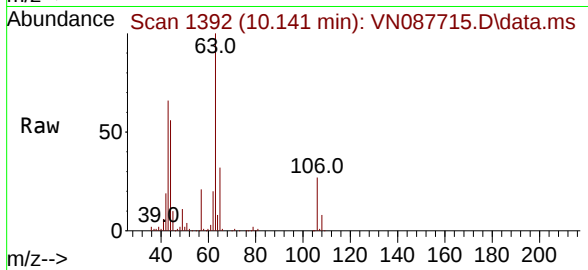




#55
2-Chloroethyl vinyl ether
Concen: 88.133 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

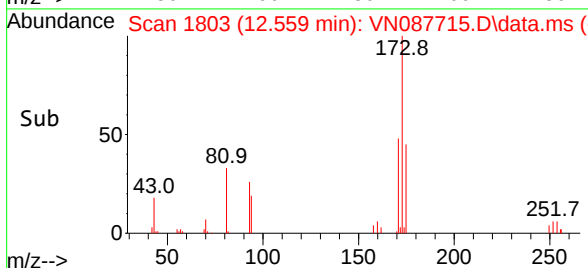
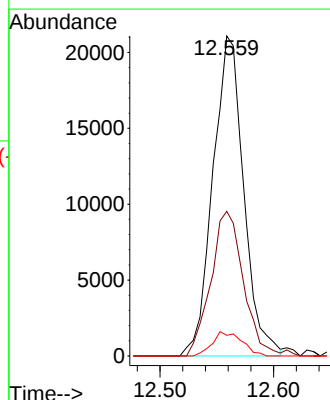
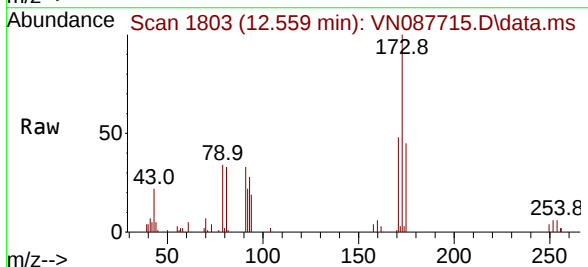
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

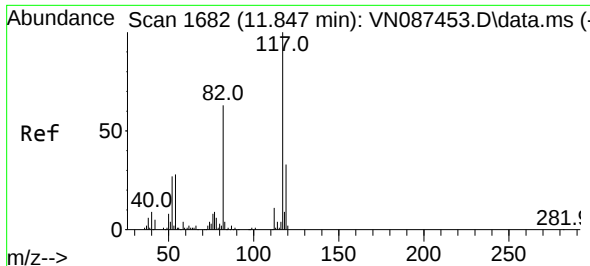
Tgt Ion: 63 Resp: 236450
Ion Ratio Lower Upper
63 100
65 31.1 25.7 38.5
106 26.2 20.7 31.1



#56
Bromoform
Concen: 17.992 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion:173 Resp: 39771
Ion Ratio Lower Upper
173 100
175 47.5 38.8 58.2
254 7.3 3.9 5.9#

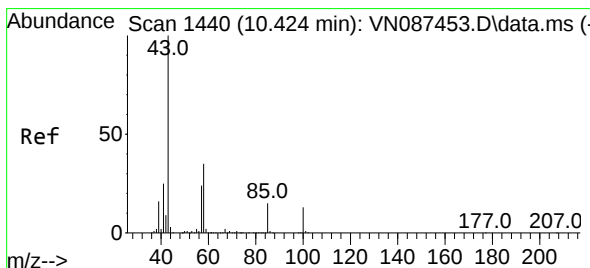
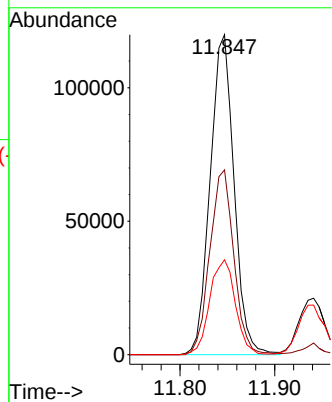
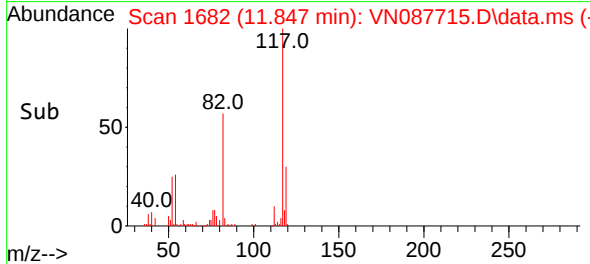
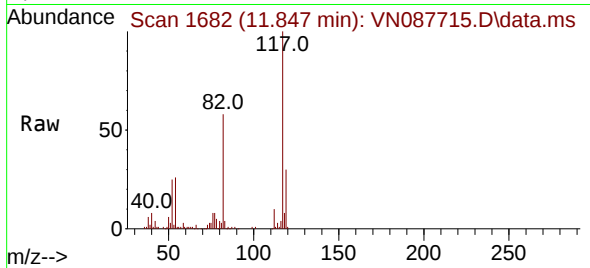




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

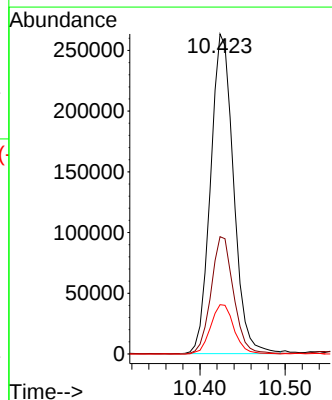
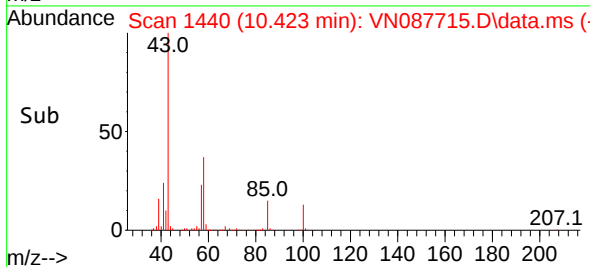
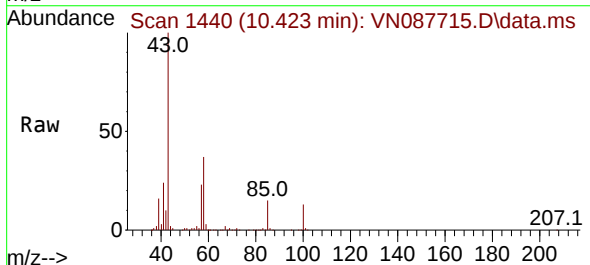
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

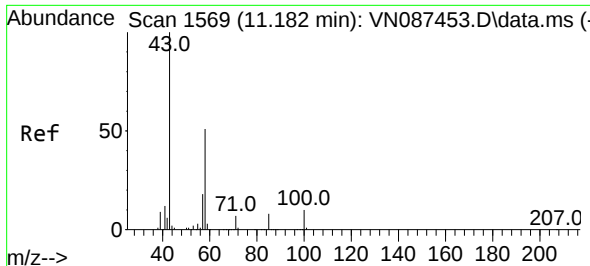
Tgt Ion:117 Resp: 210355
Ion Ratio Lower Upper
117 100
82 58.2 49.2 73.8
119 31.7 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 91.248 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 43 Resp: 493774
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6
85 15.7 12.7 19.1

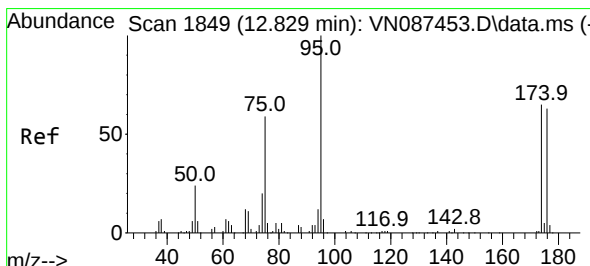
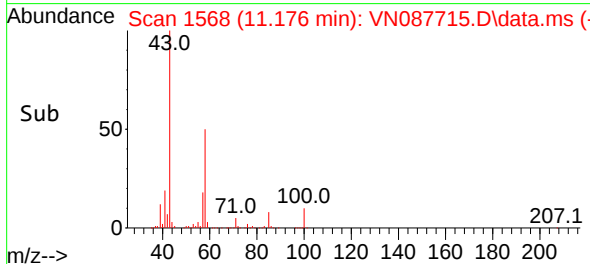
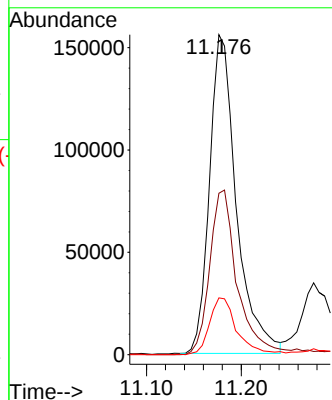
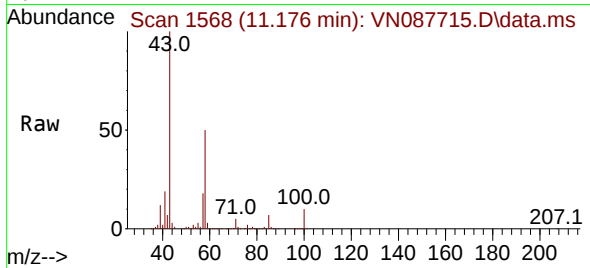




#59
2-Hexanone
Concen: 83.593 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

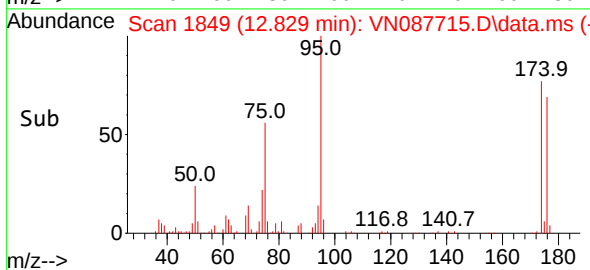
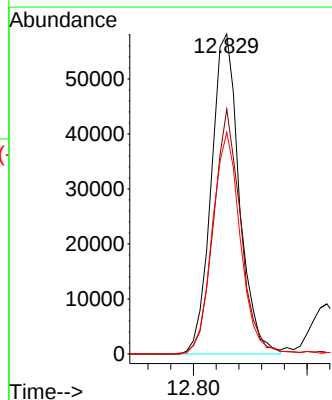
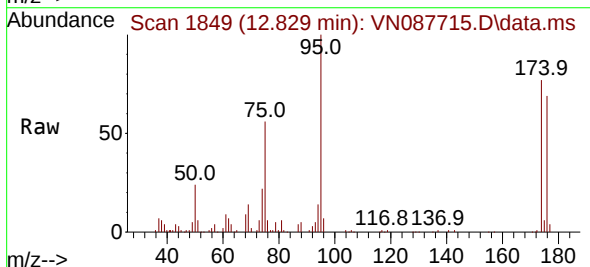
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

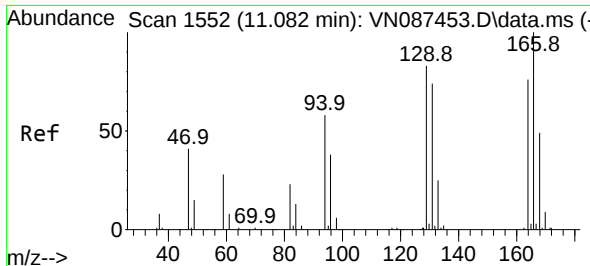
Tgt Ion: 43 Resp: 307348
Ion Ratio Lower Upper
43 100
58 52.8 41.0 61.6
57 17.9 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 27.606 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 95 Resp: 99936
Ion Ratio Lower Upper
95 100
174 73.9 52.3 78.5
176 68.9 49.8 74.8

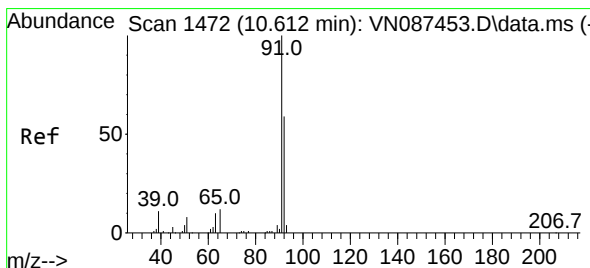
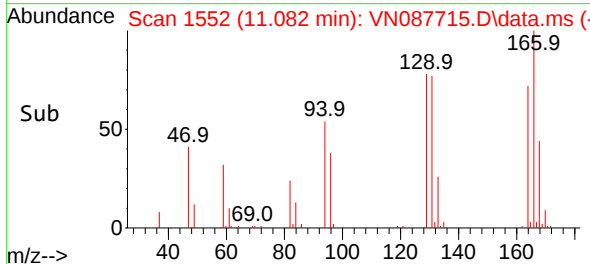
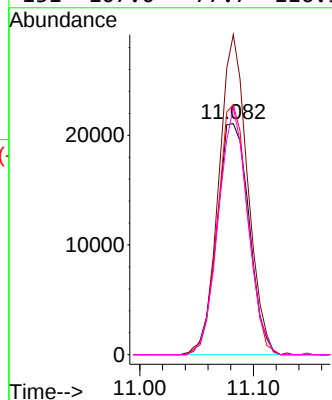
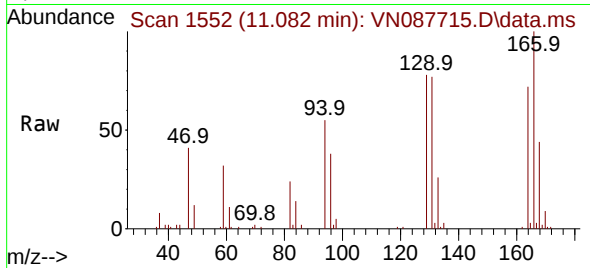




#61
Tetrachloroethene
Concen: 20.226 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

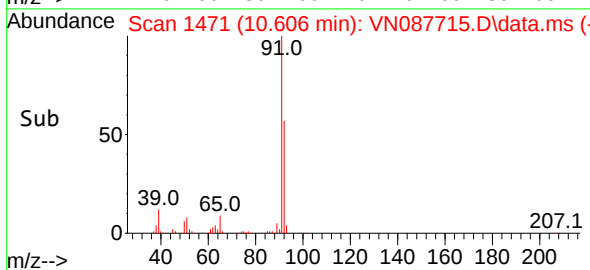
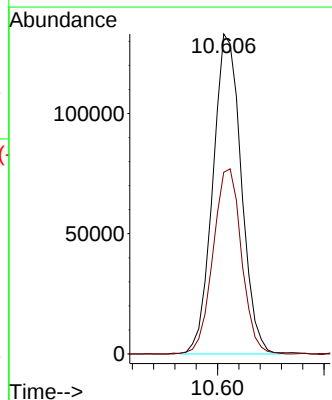
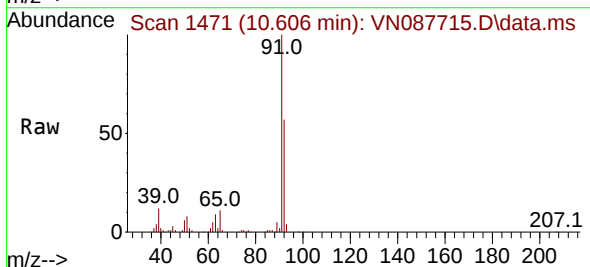
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

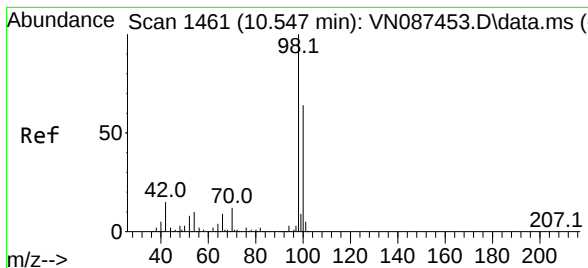
Tgt Ion:164 Resp: 41450
Ion Ratio Lower Upper
164 100
166 138.5 105.4 158.0
129 108.2 87.7 131.5
131 107.0 77.7 116.5



#62
Toluene
Concen: 18.968 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 91 Resp: 246270
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.6





#63

Toluene-d8

Concen: 30.090 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

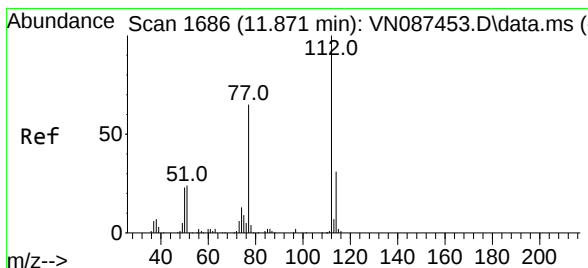
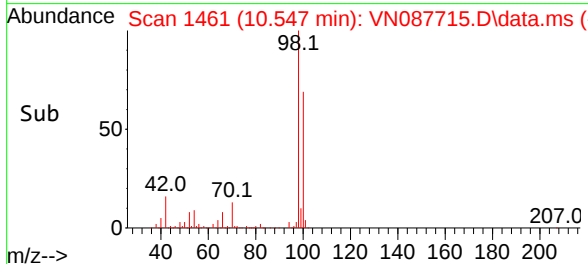
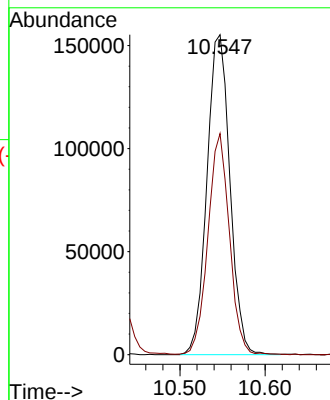
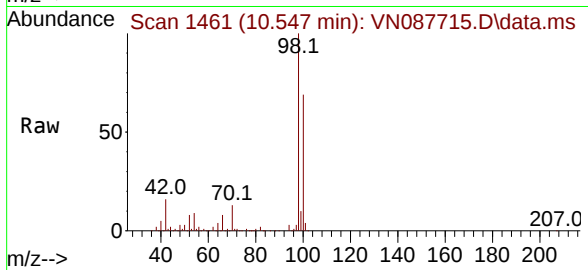
VN0904WBS01

Tgt Ion: 98 Resp: 291239

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7



#64

Chlorobenzene

Concen: 19.229 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087715.D

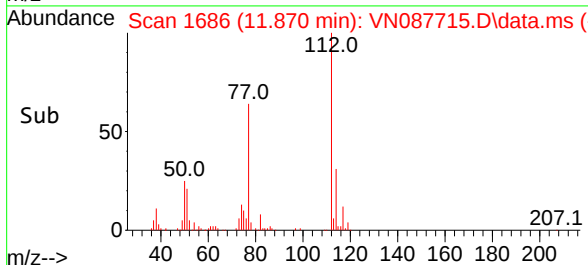
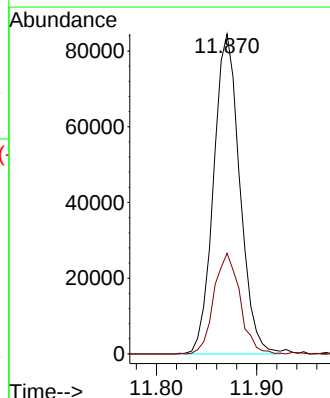
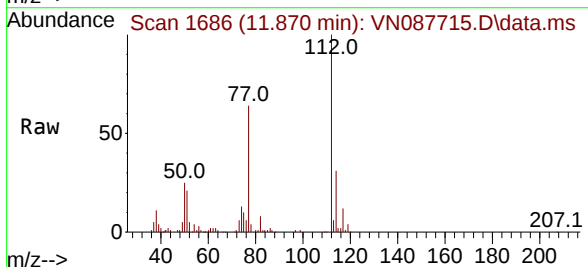
Acq: 04 Sep 2025 12:04

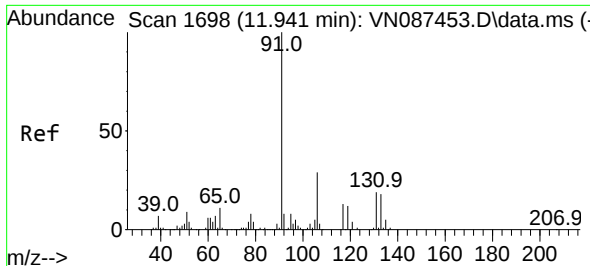
Tgt Ion: 112 Resp: 153403

Ion Ratio Lower Upper

112 100

114 31.2 24.7 37.1

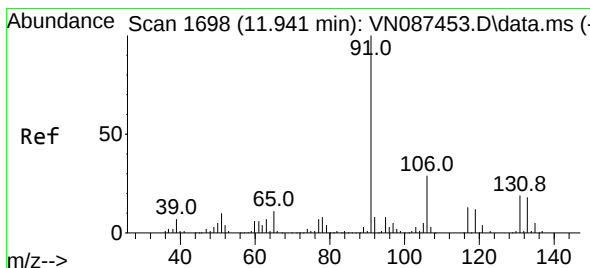
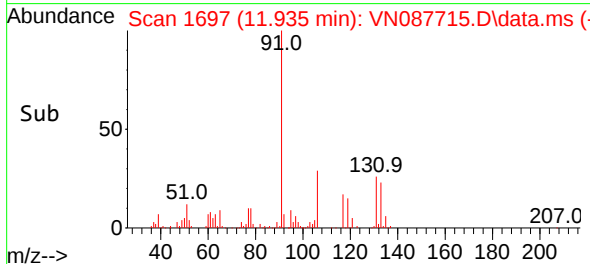
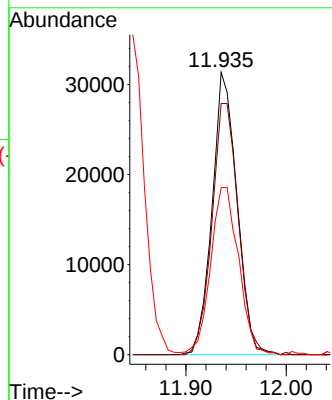
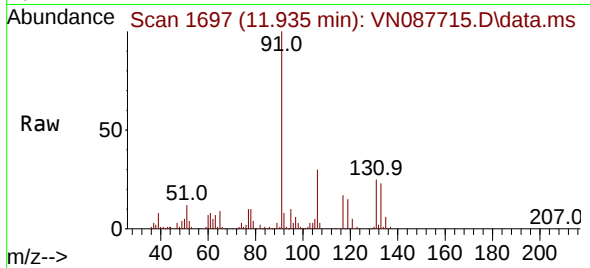




#65
1,1,1,2-Tetrachloroethane
Concen: 19.248 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

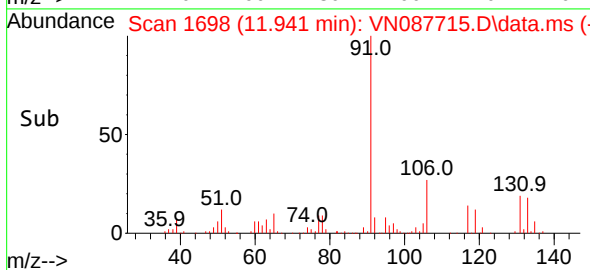
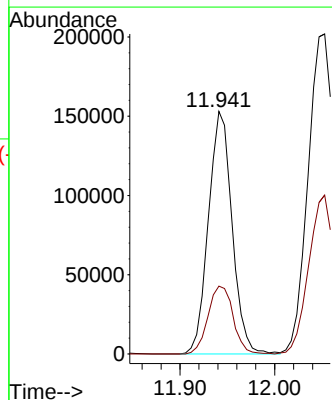
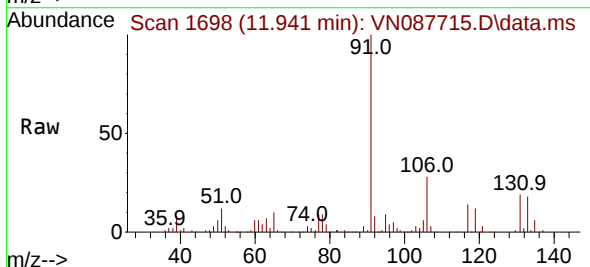
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

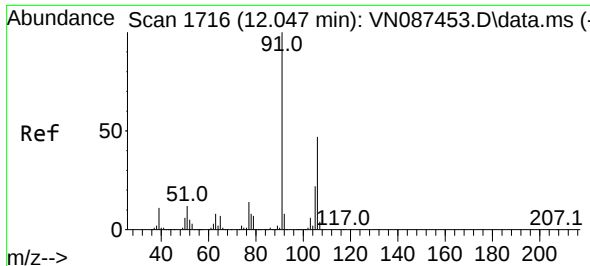
Tgt Ion:131 Resp: 53989
Ion Ratio Lower Upper
131 100
133 94.1 0.0 189.8
119 66.7 0.0 133.2



#66
Ethyl Benzene
Concen: 18.367 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 91 Resp: 265786
Ion Ratio Lower Upper
91 100
106 28.0 22.9 34.3

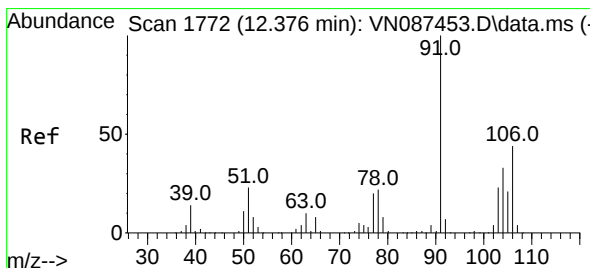
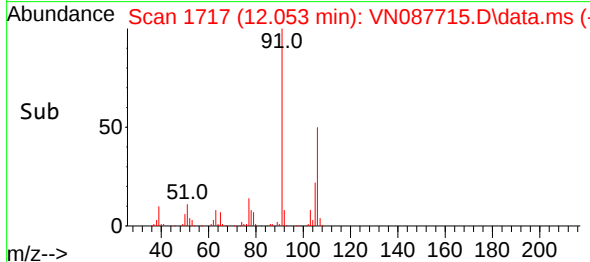
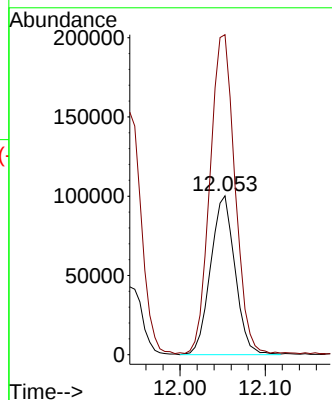
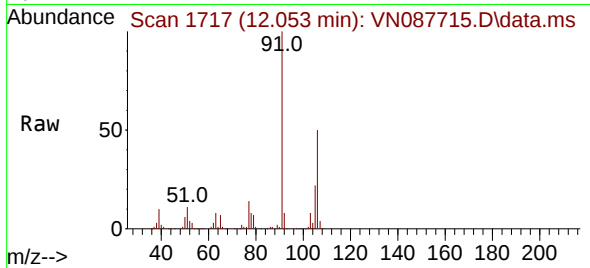




#67
m/p-Xylenes
Concen: 37.569 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

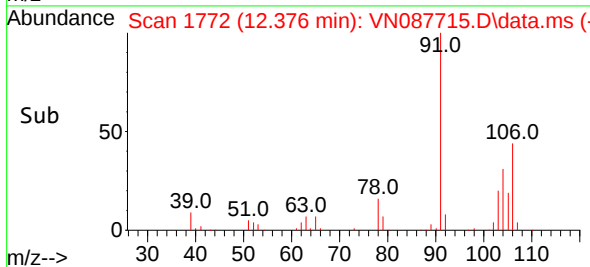
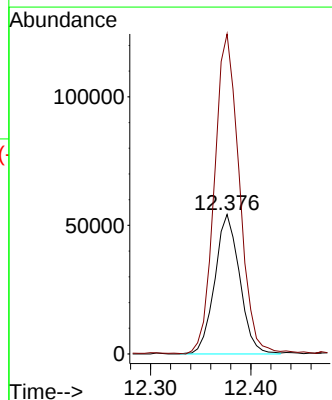
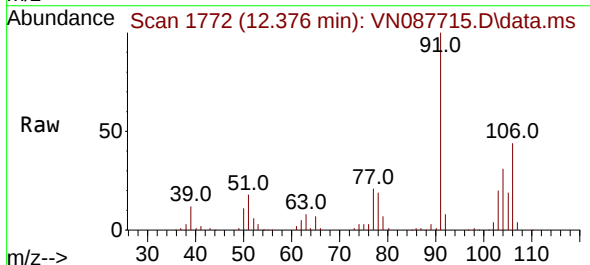
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

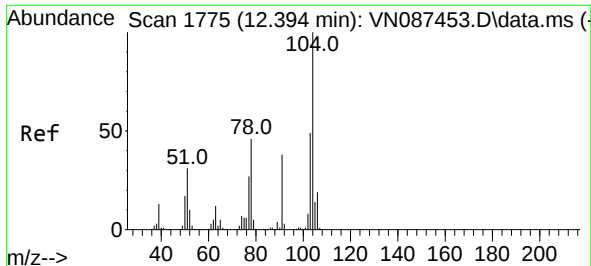
Tgt Ion:106 Resp: 199557
Ion Ratio Lower Upper
106 100
91 204.8 174.2 261.2



#68
o-Xylene
Concen: 17.899 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion:106 Resp: 93531
Ion Ratio Lower Upper
106 100
91 228.5 114.5 343.5

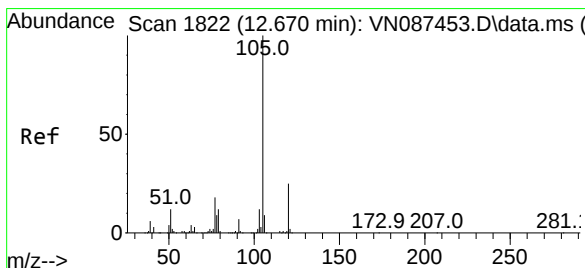
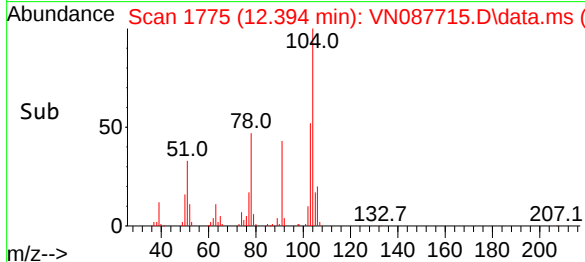
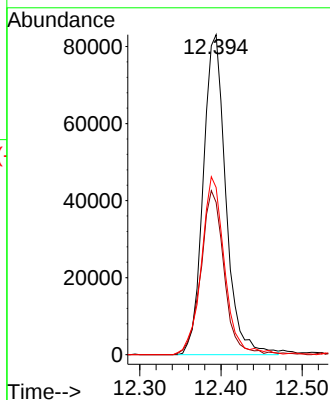
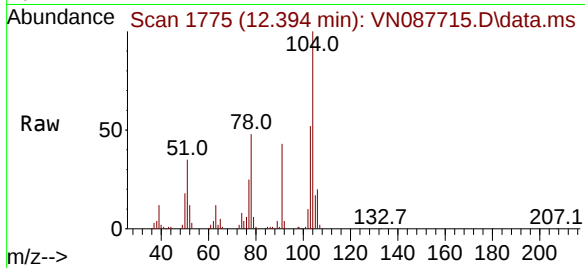




#69
Styrene
Concen: 18.043 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

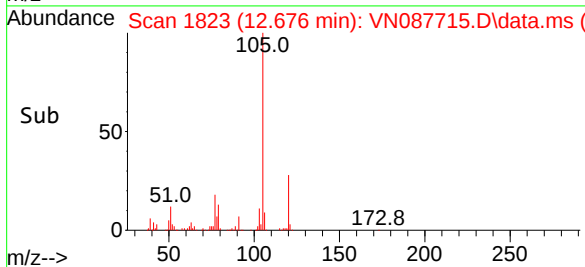
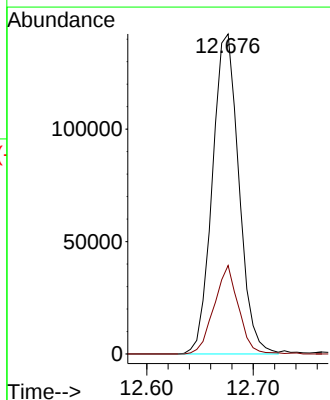
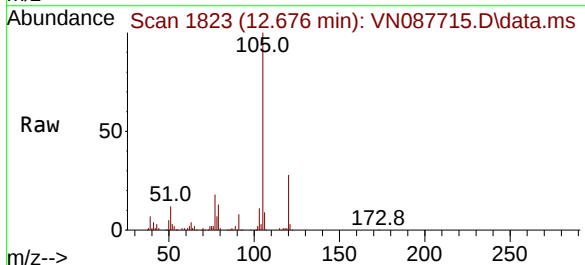
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

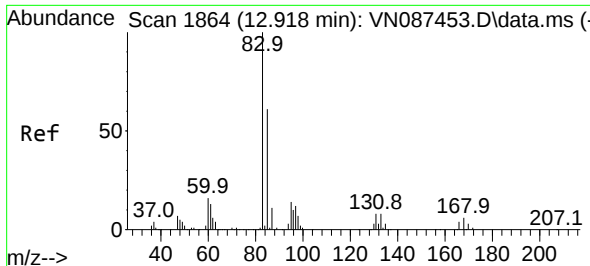
Tgt Ion:104 Resp: 160997
Ion Ratio Lower Upper
104 100
78 52.1 43.8 65.8
103 55.7 43.1 64.7



#70
Isopropylbenzene
Concen: 18.546 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion:105 Resp: 246218
Ion Ratio Lower Upper
105 100
120 25.3 17.5 32.5

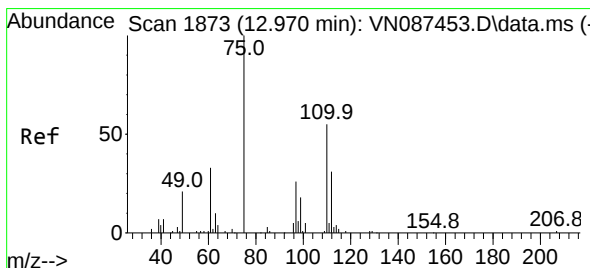
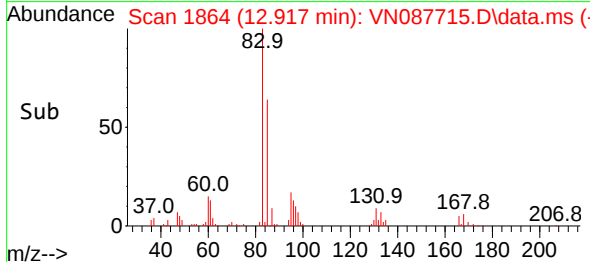
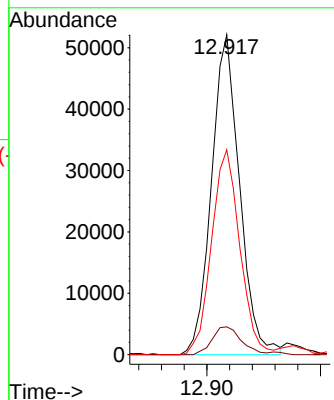
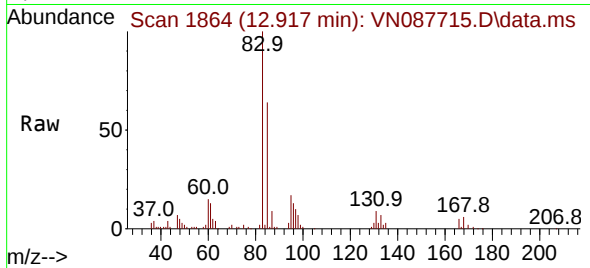




#71
1,1,2-Tetrachloroethane
Concen: 19.705 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

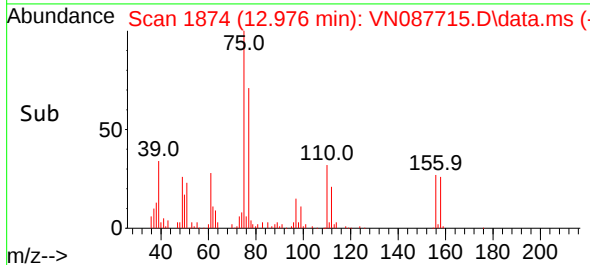
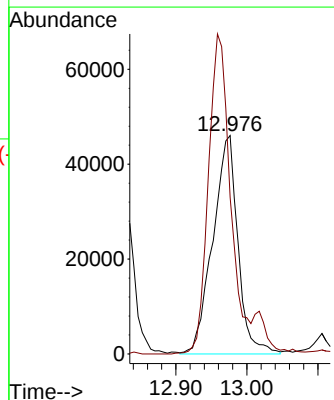
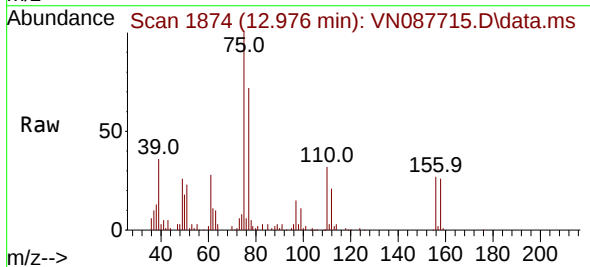
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

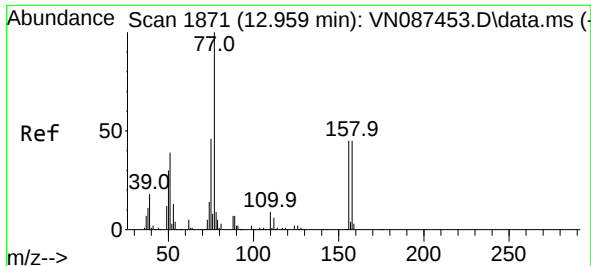
Tgt Ion: 83 Resp: 89634
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 64.4 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 26.658 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 75 Resp: 112967
Ion Ratio Lower Upper
75 100
77 128.7 0.0 385.0

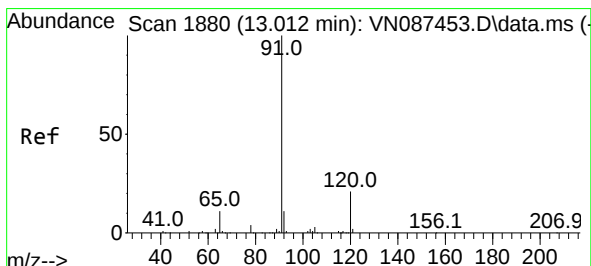
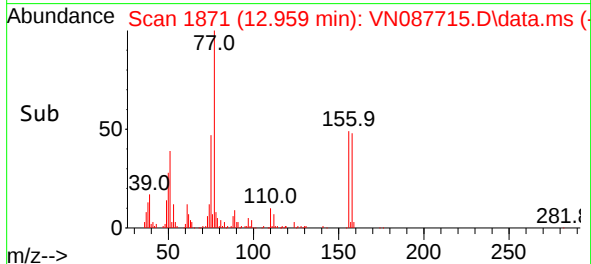
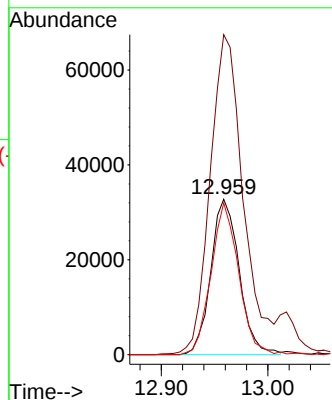
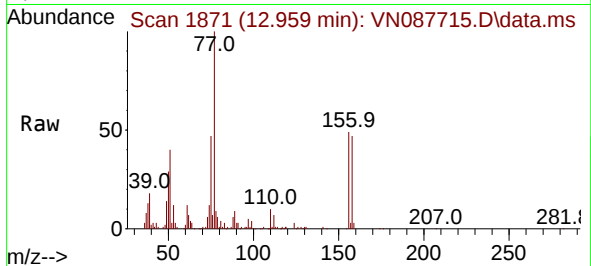




#73
Bromobenzene
Concen: 19.718 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

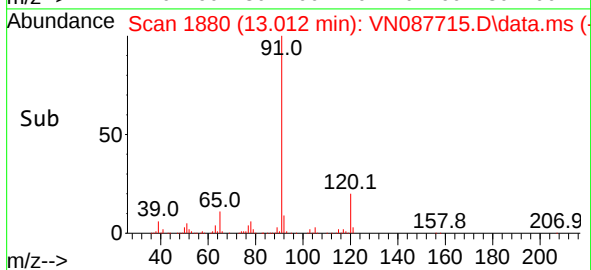
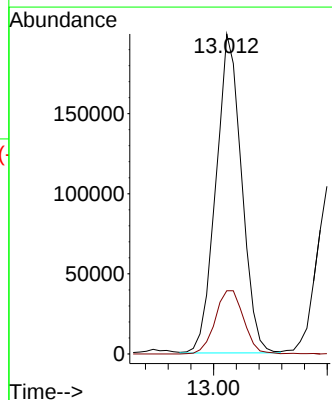
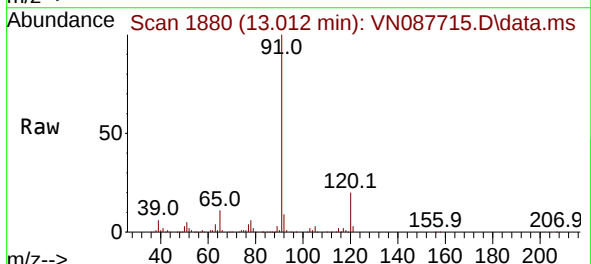
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

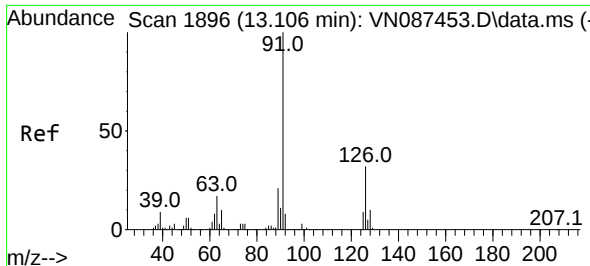
Tgt Ion:156 Resp: 60686
Ion Ratio Lower Upper
156 100
77 239.6 0.0 506.6
158 94.8 0.0 193.6



#74
n-propylbenzene
Concen: 18.854 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 91 Resp: 312613
Ion Ratio Lower Upper
91 100
120 22.0 0.0 41.8

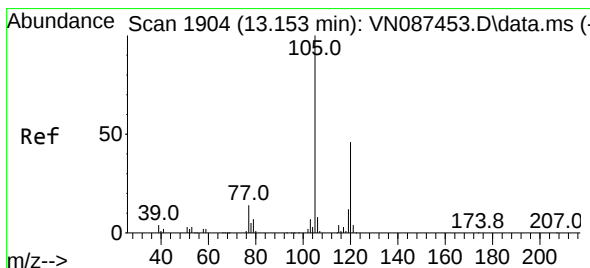
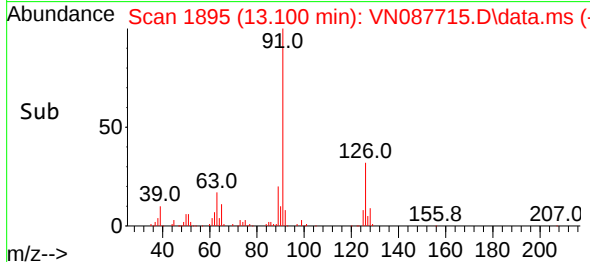
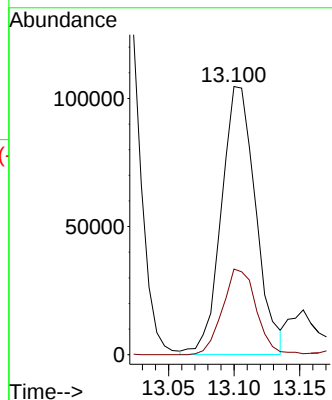
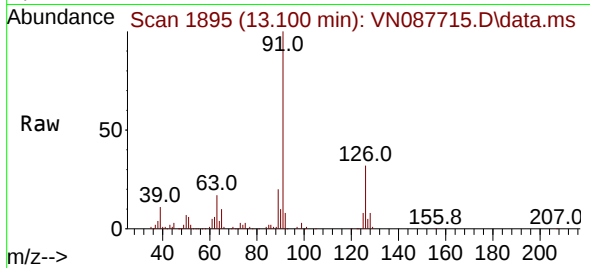




#75
2-Chlorotoluene
Concen: 18.658 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

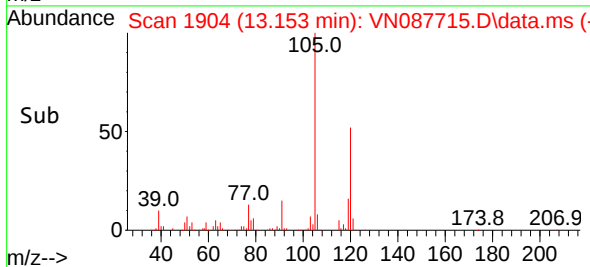
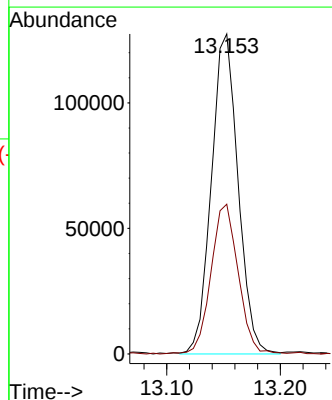
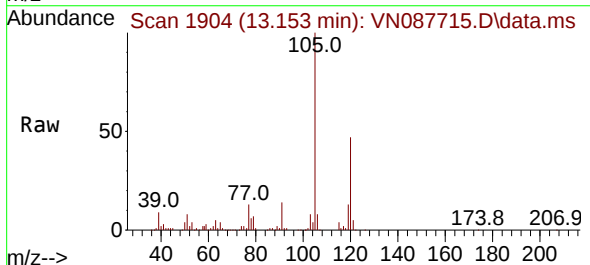
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

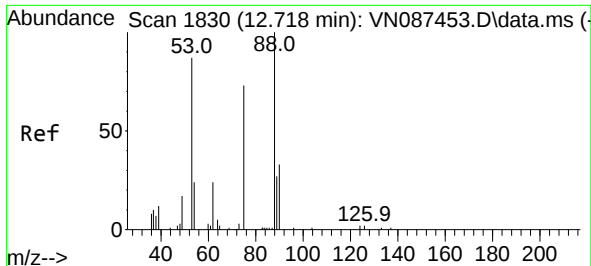
Tgt Ion: 91 Resp: 190294
Ion Ratio Lower Upper
91 100
126 31.2 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 18.317 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 105 Resp: 208218
Ion Ratio Lower Upper
105 100
120 47.7 0.0 91.2





#77

t-1,4-Dichloro-2-butene

Concen: 16.477 ug/l

RT: 12.717 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

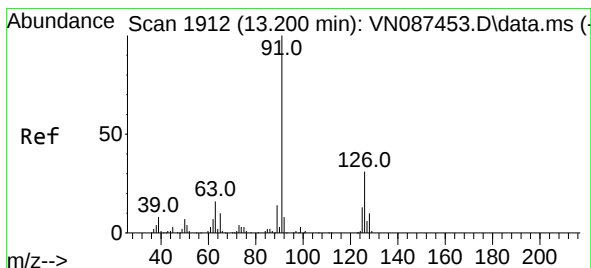
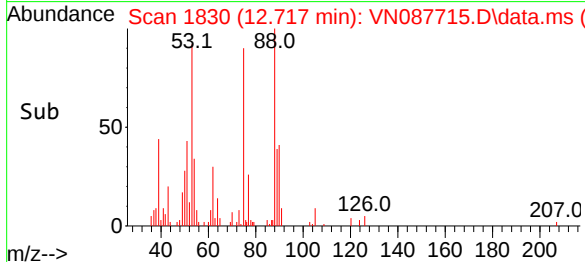
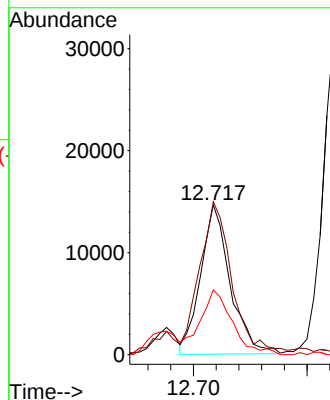
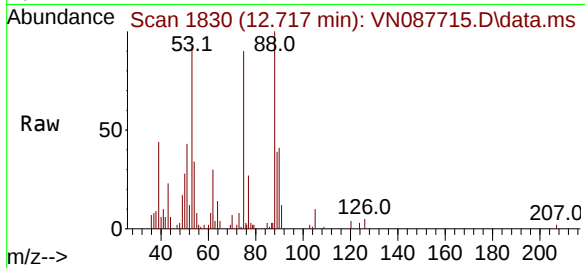
Tgt Ion: 75 Resp: 26432

Ion Ratio Lower Upper

75 100

53 96.7 59.0 176.8

89 43.8 22.1 66.5



#78

4-Chlorotoluene

Concen: 18.828 ug/l

RT: 13.200 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VN087715.D

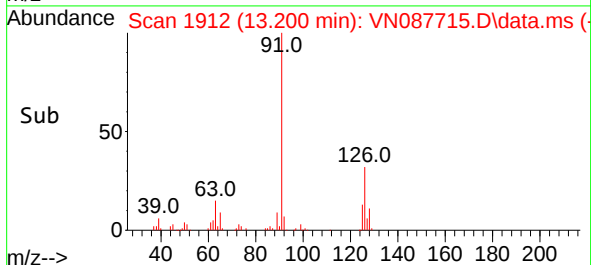
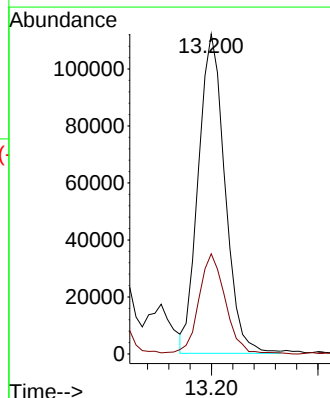
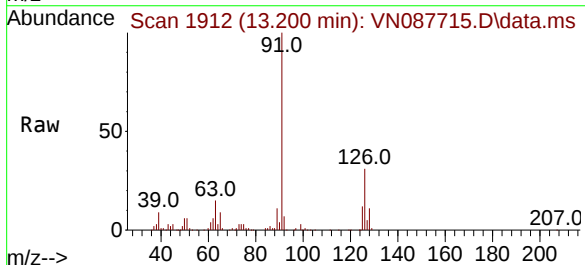
Acq: 04 Sep 2025 12:04

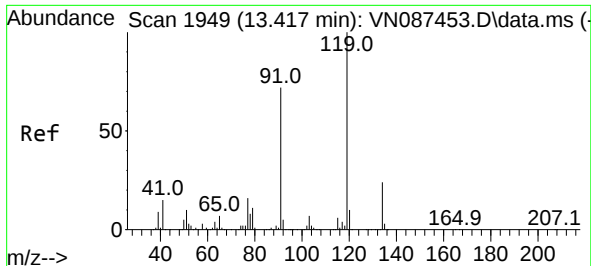
Tgt Ion: 91 Resp: 194600

Ion Ratio Lower Upper

91 100

126 30.0 0.0 63.2

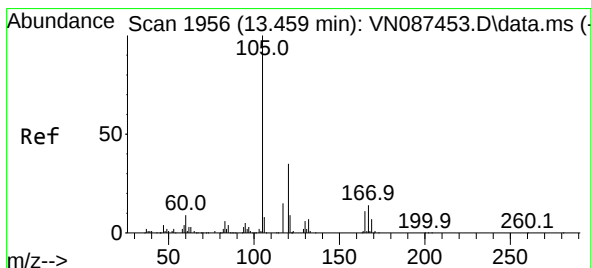
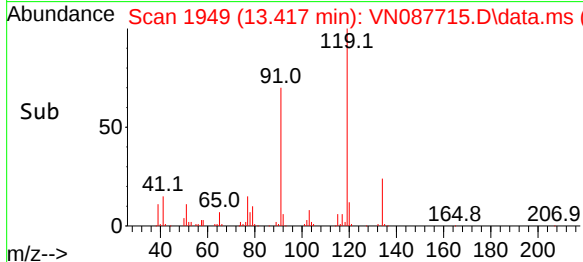
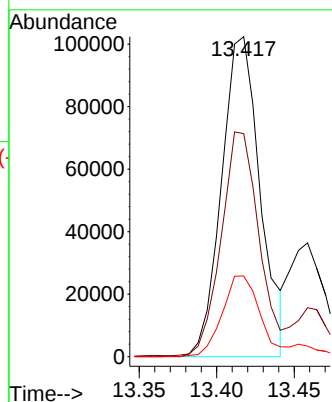
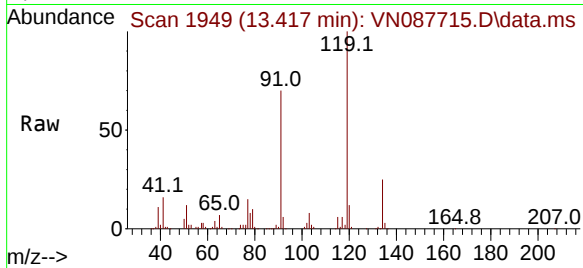




#79
tert-butylbenzene
Concen: 18.529 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

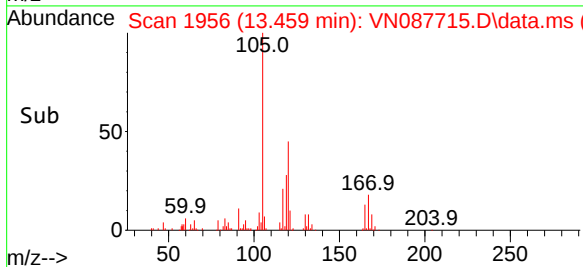
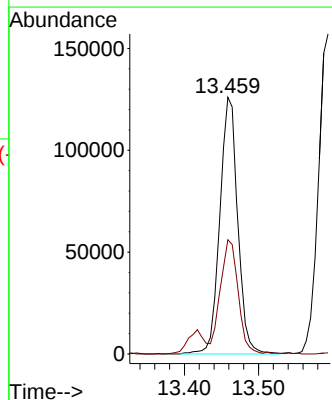
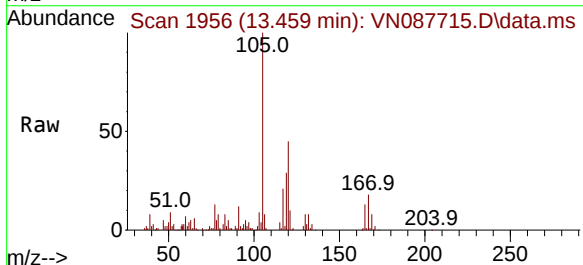
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

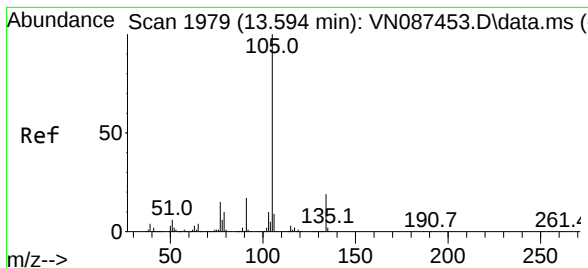
Tgt Ion:119 Resp: 177581
Ion Ratio Lower Upper
119 100
91 68.0 0.0 141.6
134 24.9 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 18.601 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion:105 Resp: 211280
Ion Ratio Lower Upper
105 100
120 43.5 0.0 87.2

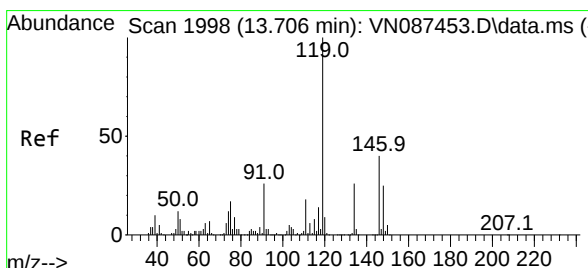
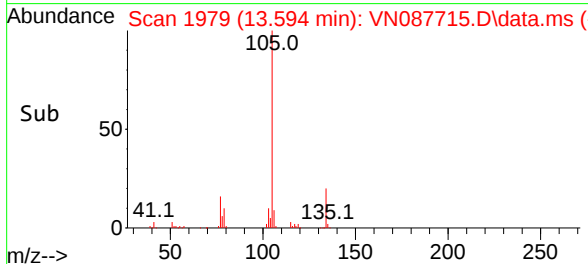
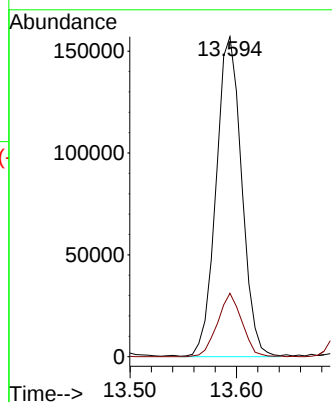
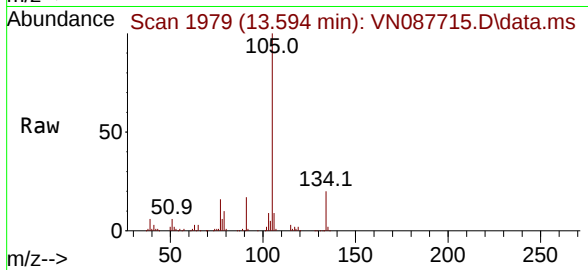




#81
 sec-Butylbenzene
 Concen: 18.779 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

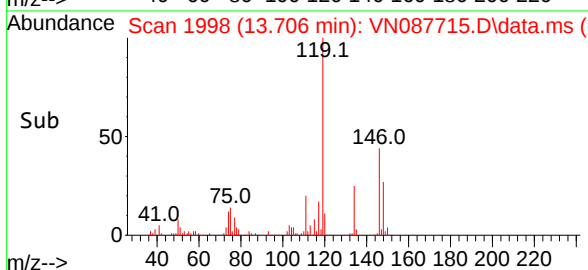
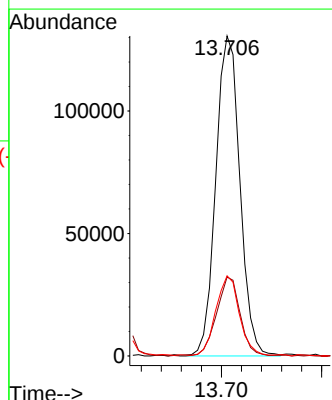
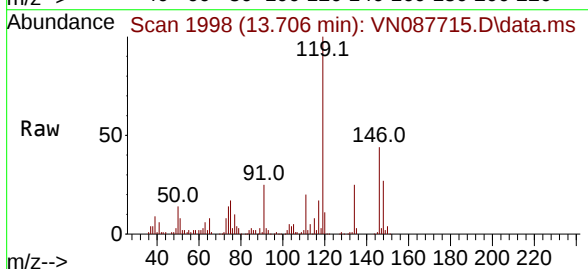
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

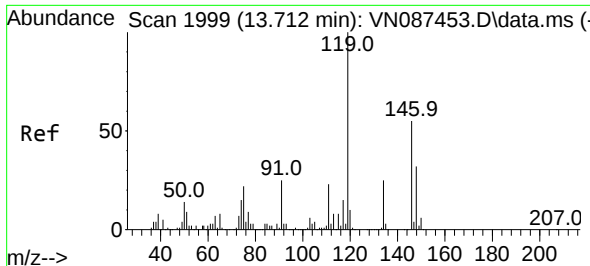
Tgt Ion:105 Resp: 262011
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 18.836 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

Tgt Ion:119 Resp: 218207
 Ion Ratio Lower Upper
 119 100
 134 24.0 0.0 51.4
 91 24.3 0.0 52.0

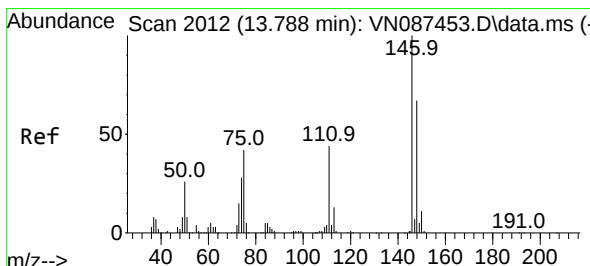
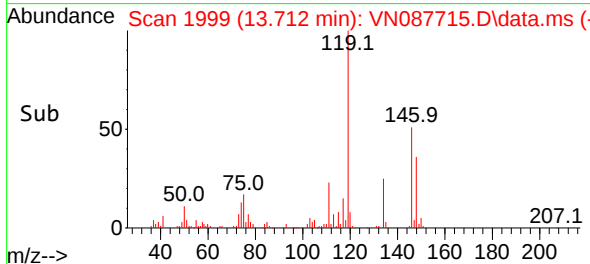
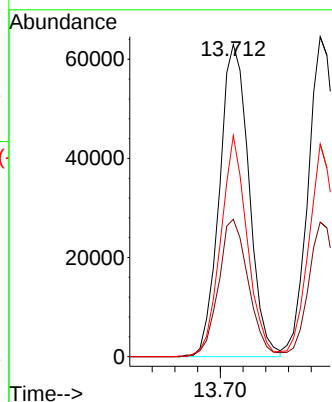
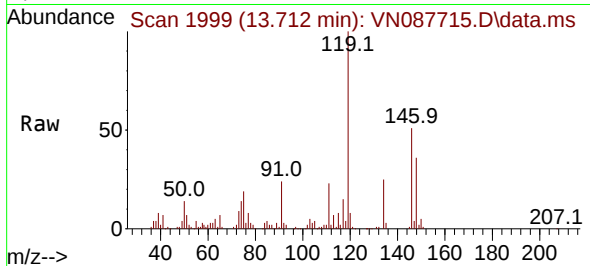




#83
 1,3-Dichlorobenzene
 Concen: 19.362 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

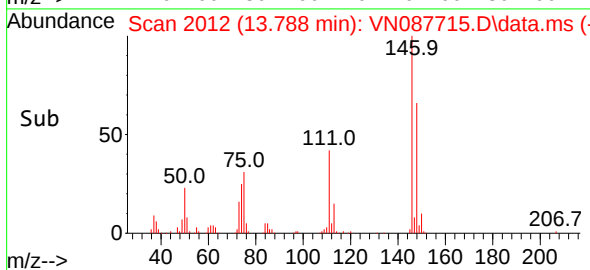
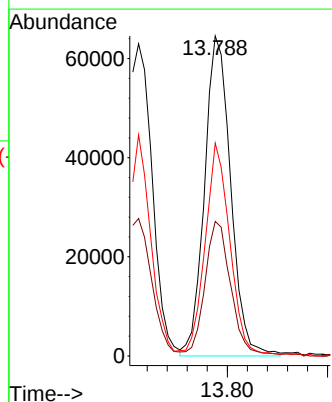
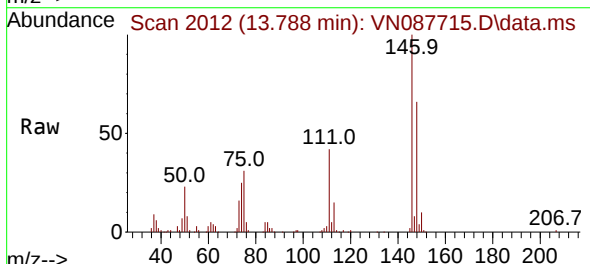
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

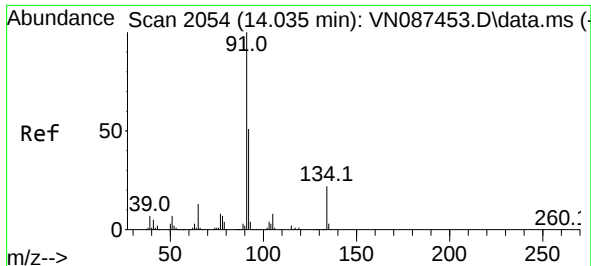
Tgt Ion:146 Resp: 113472
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.9 65.5
 148 63.8 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 19.743 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

Tgt Ion:146 Resp: 117304
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.1
 148 63.1 31.4 94.3

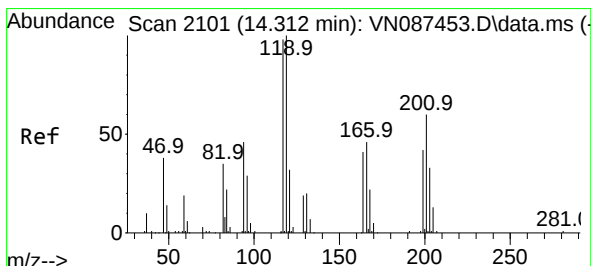
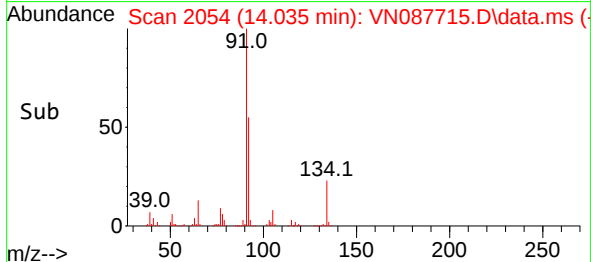
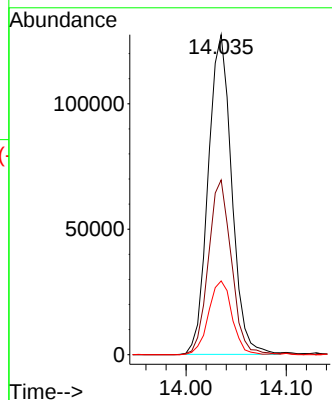
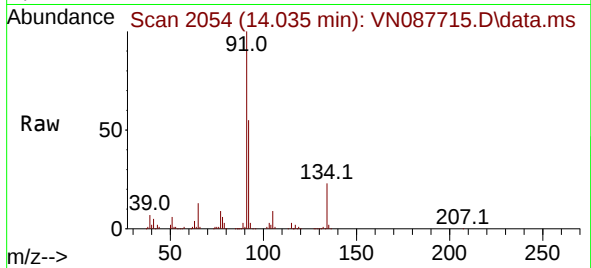




#85
n-Butylbenzene
Concen: 18.360 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

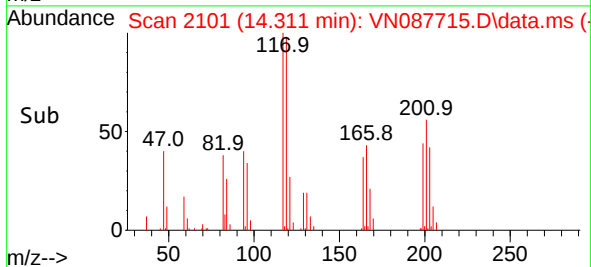
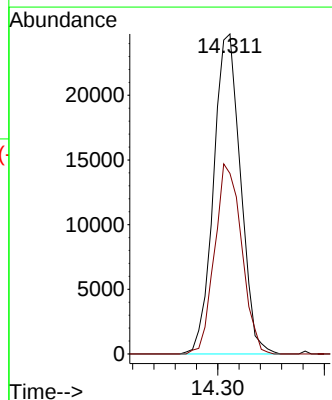
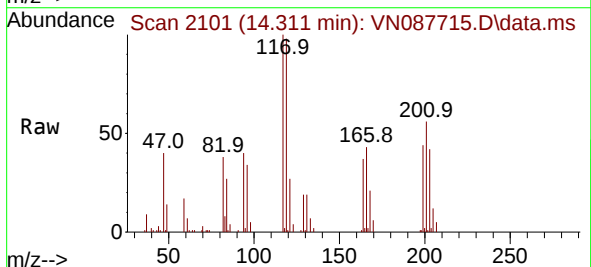
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

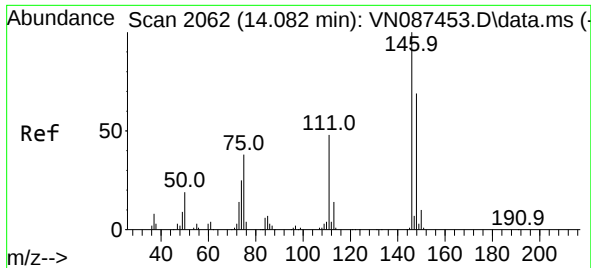
Tgt Ion: 91 Resp: 208098
Ion Ratio Lower Upper
91 100
92 53.3 0.0 106.6
134 23.0 0.0 44.4



#86
Hexachloroethane
Concen: 19.195 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 117 Resp: 43424
Ion Ratio Lower Upper
117 100
201 59.5 29.1 87.4

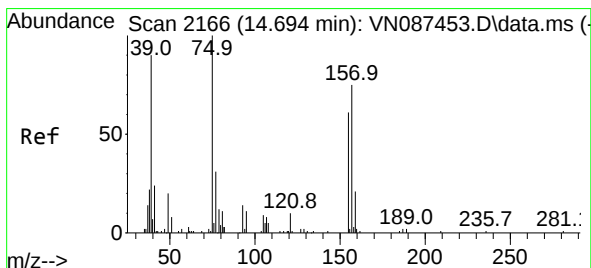
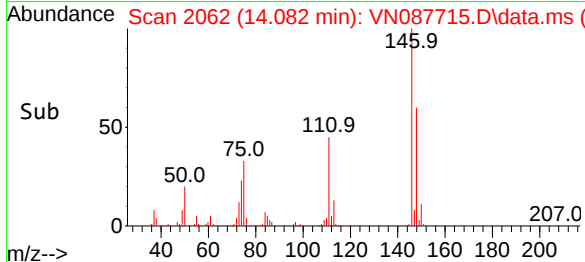
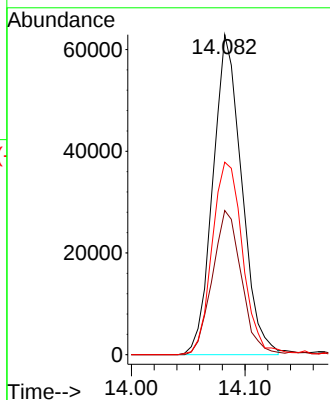
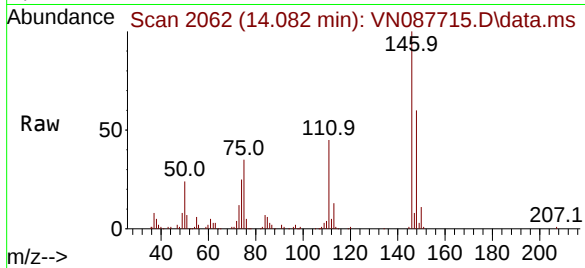




#87
1,2-Dichlorobenzene
Concen: 19.793 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

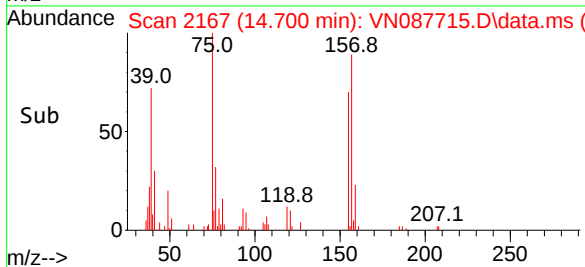
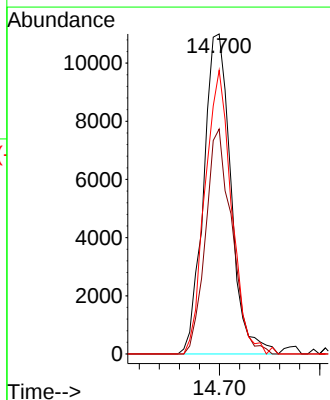
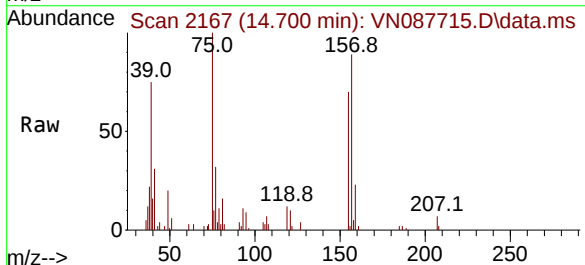
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

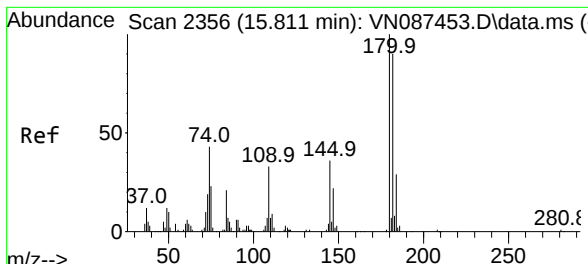
Tgt Ion:146 Resp: 110728
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.7
148 63.4 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.083 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087715.D
Acq: 04 Sep 2025 12:04

Tgt Ion: 75 Resp: 20838
Ion Ratio Lower Upper
75 100
155 68.0 55.7 83.5
157 85.9 65.8 98.6

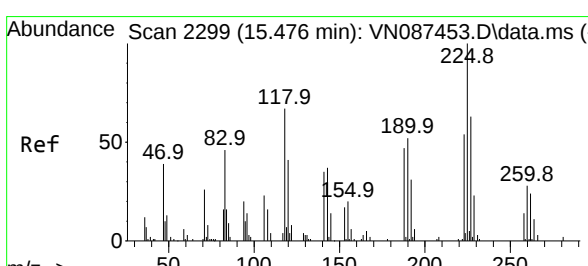
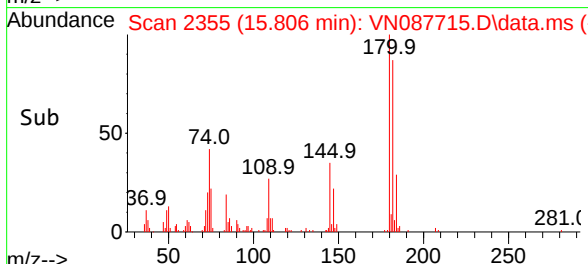
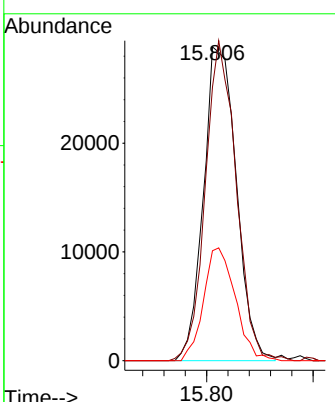
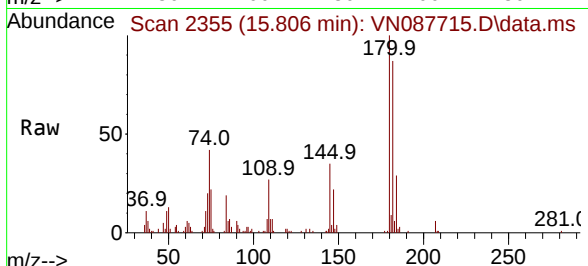




#89
 1,2,4-Trichlorobenzene
 Concen: 18.535 ug/l
 RT: 15.806 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

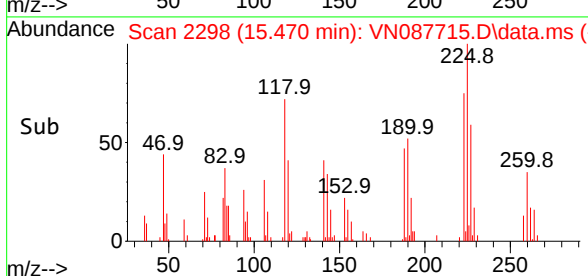
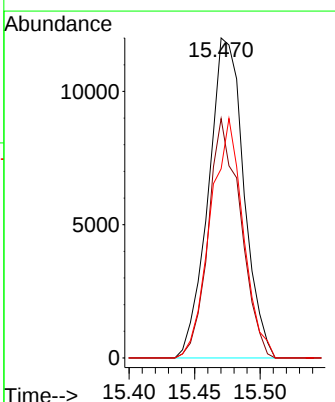
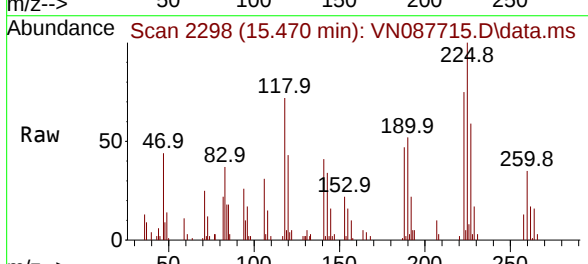
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

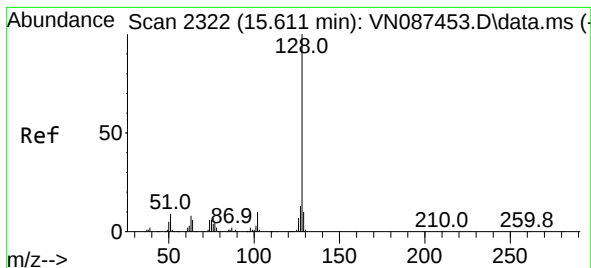
Tgt Ion:	180	Resp:	61968
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.0	112.4
145	34.7	28.6	43.0



#90
 Hexachlorobutadiene
 Concen: 17.336 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VN087715.D
 Acq: 04 Sep 2025 12:04

Tgt Ion:	225	Resp:	22537
Ion Ratio	Lower	Upper	
225	100		
223	68.0	0.0	116.0
227	69.6	0.0	127.0





#91

Naphthalene

Concen: 17.372 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

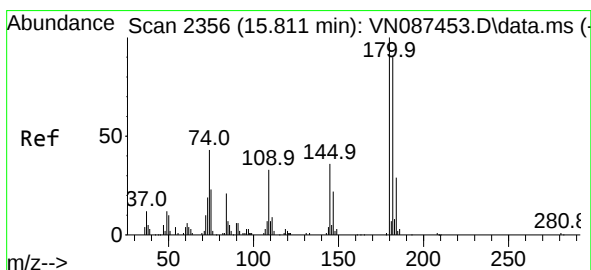
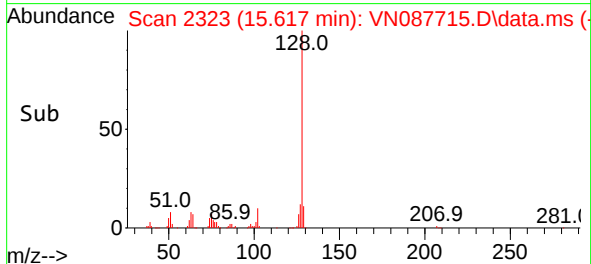
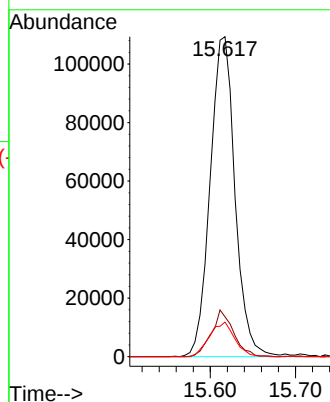
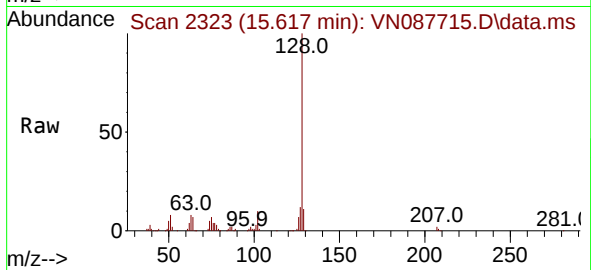
Tgt Ion:128 Resp: 221459

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 18.535 ug/l

RT: 15.806 min Scan# 2355

Delta R.T. -0.006 min

Lab File: VN087715.D

Acq: 04 Sep 2025 12:04

Tgt Ion:180 Resp: 61968

Ion Ratio Lower Upper

180 100

182 94.5 0.0 187.4

145 34.7 0.0 71.6

