

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087425.D
 Acq On : 28 Jul 2025 11:54
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 13:25:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	84091	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	479566	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	422479	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	192219	29.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.633%
60) 4-Bromofluorobenzene	12.829	95	205393	29.605	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.700%
63) Toluene-d8	10.547	98	588887	30.352	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	104188	21.236	ug/l	97
3) Chloromethane	2.389	50	111922	21.489	ug/l	99
4) Vinyl Chloride	2.542	62	108475	20.586	ug/l	98
5) Bromomethane	2.983	94	51310	19.968	ug/l	92
6) Chloroethane	3.142	64	62290	20.958	ug/l	90
7) Trichlorofluoromethane	3.512	101	137165	20.690	ug/l	100
8) Diethyl Ether	3.965	74	58609	21.182	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	72143	19.948	ug/l	97
10) 1,1-Dichloroethene	4.336	96	76219	21.187	ug/l	95
11) Methyl Iodide	4.577	142	36541	11.218	ug/l	91
12) Methyl Acetate	5.018	43	162437	20.709	ug/l #	88
13) Acrolein	4.177	56	75010	117.257	ug/l	97
14) Acrylonitrile	5.712	53	345069	101.453	ug/l	99
15) Acetone	4.418	58	76175	96.630	ug/l	81
16) Carbon Disulfide	4.700	76	264903	20.720	ug/l	95
17) Allyl chloride	5.018	41	169606	20.234	ug/l	99
18) Methylene Chloride	5.259	84	107545	19.857	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	99817	19.531	ug/l	98
20) Diisopropyl ether	6.659	45	391071	20.506	ug/l	95
21) 1,1-Dichloroethane	6.553	63	197638	20.447	ug/l	99
22) cis-1,2-Dichloroethene	7.477	96	125168	20.151	ug/l	99
23) tert-Butyl Alcohol	5.530	59	135715	102.944	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	364737	20.435	ug/l	98
25) Chloroform	7.953	83	194885	19.971	ug/l	98
26) Cyclohexane	8.241	56	175170	19.622	ug/l #	98
29) 1,1-Dichloropropene	8.359	75	139428	20.480	ug/l	98
30) 2-Butanone	7.471	43	499815	101.332	ug/l	99
31) 2,2-Dichloropropane	7.477	77	160394	18.908	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	163557	19.987	ug/l	99
33) Carbon Tetrachloride	8.347	117	137918	20.440	ug/l	97
34) Benzene	8.588	78	444298	19.953	ug/l	99
35) Methacrylonitrile	7.765	41	108783	19.253	ug/l	96
36) 1,2-Dichloroethane	8.659	62	148407	20.027	ug/l #	95
37) Trichloroethene	9.335	130	101986	20.065	ug/l	91
38) Methylcyclohexane	9.582	83	172306	19.624	ug/l	99
39) 1,2-Dichloropropane	9.606	63	114391	20.406	ug/l	97
40) Dibromomethane	9.694	93	79564	20.008	ug/l	99
41) Bromodichloromethane	9.871	83	159528	19.932	ug/l	100
42) Vinyl Acetate	6.594	43	1647099	99.228	ug/l	99

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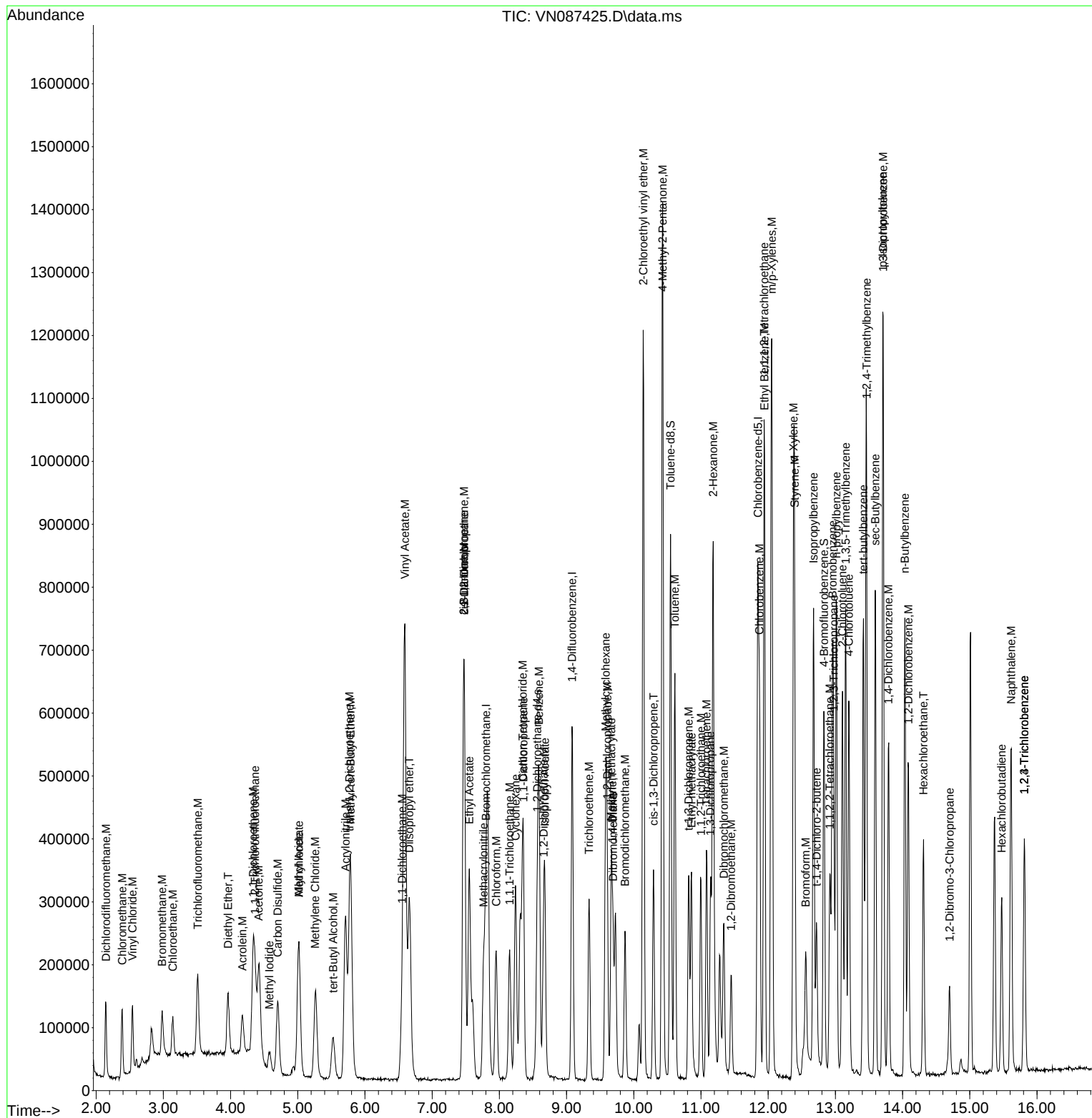
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	198786	19.659	ug/l #	73
44) Isopropyl Acetate	8.677	43	328347	20.327	ug/l	99
45) 1,4-Dioxane	9.682	88	42264	412.361	ug/l #	92
46) Methyl methacrylate	9.665	41	146072	19.421	ug/l	97
48) t-1,3-Dichloropropene	10.818	75	179080	19.876	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	187017	19.764	ug/l	99
50) 1,1,2-Trichloroethane	11.000	97	103763	19.602	ug/l	97
51) Ethyl methacrylate	10.859	69	188347	19.648	ug/l	99
52) 1,3-Dichloropropane	11.141	76	186991	20.440	ug/l	97
53) Dibromochloromethane	11.341	129	122186	20.124	ug/l	98
54) 1,2-Dibromoethane	11.447	107	113325	20.347	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	532083	134.997	ug/l	100
56) Bromoform	12.559	173	79829	18.736	ug/l	100
58) 4-Methyl-2-Pentanone	10.429	43	1001381	105.229	ug/l	100
59) 2-Hexanone	11.182	43	661366	100.286	ug/l	100
61) Tetrachloroethene	11.082	164	80787	20.141	ug/l	96
62) Toluene	10.612	91	484125	20.305	ug/l	99
64) Chlorobenzene	11.871	112	294136	20.060	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	98384	19.787	ug/l	97
66) Ethyl Benzene	11.947	91	528930	20.304	ug/l	97
67) m/p-Xylenes	12.053	106	397076	40.681	ug/l	99
68) o-Xylene	12.376	106	194519	20.365	ug/l	98
69) Styrene	12.394	104	325533	19.925	ug/l	98
70) Isopropylbenzene	12.676	105	493913	20.135	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	171651	20.522	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	220436	28.973	ug/l	71
73) Bromobenzene	12.959	156	114772	20.138	ug/l	98
74) n-propylbenzene	13.018	91	608183	20.081	ug/l	100
75) 2-Chlorotoluene	13.106	91	363593	20.229	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	412100	20.279	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	57594	17.839	ug/l	99
78) 4-Chlorotoluene	13.200	91	371100	20.106	ug/l	98
79) tert-butylbenzene	13.418	119	353799	20.153	ug/l	98
80) 1,2,4-Trimethylbenzene	13.465	105	407528	20.210	ug/l	98
81) sec-Butylbenzene	13.594	105	530069	20.327	ug/l	100
82) p-Isopropyltoluene	13.706	119	434188	20.514	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	218956	20.300	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	226886	20.116	ug/l	99
85) n-Butylbenzene	14.035	91	433599	20.341	ug/l	99
86) Hexachloroethane	14.312	117	87580	20.374	ug/l	96
87) 1,2-Dichlorobenzene	14.088	146	211678	20.189	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	36571	18.943	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	128222	20.050	ug/l	99
90) Hexachlorobutadiene	15.476	225	48127	19.766	ug/l	98
91) Naphthalene	15.617	128	493682	20.425	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	128222	20.050	ug/l	99

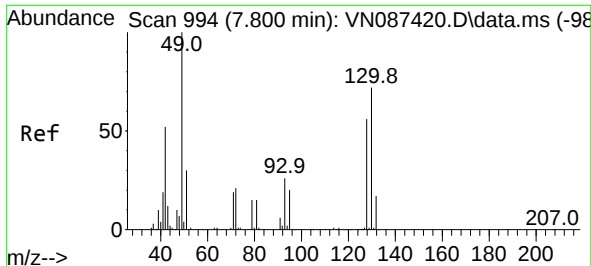
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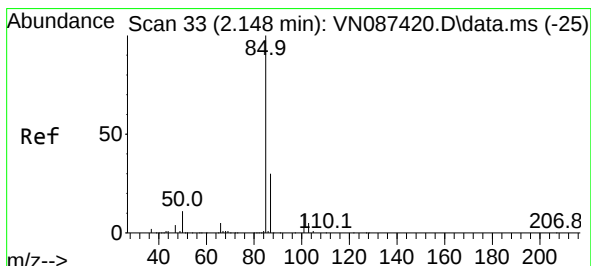
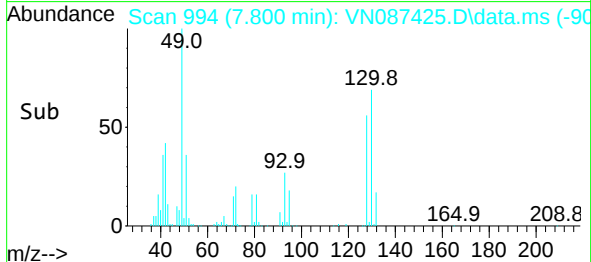
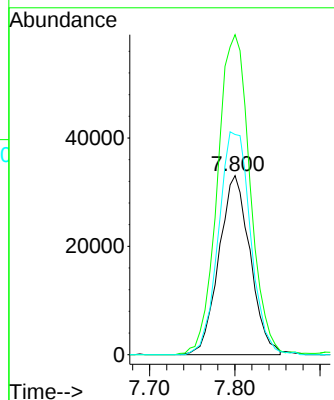
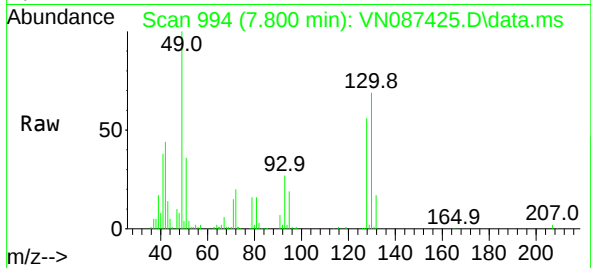




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
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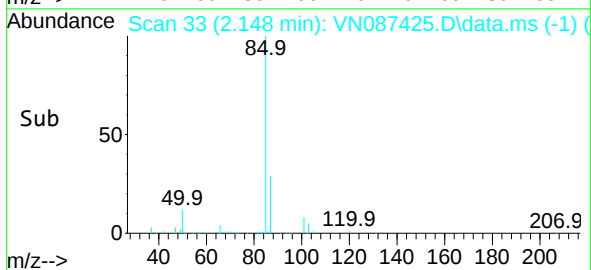
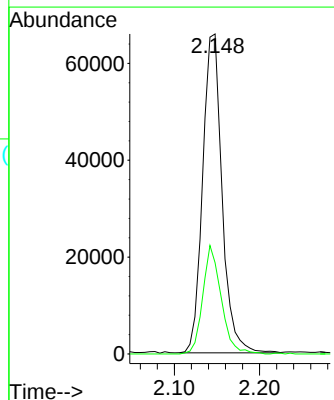
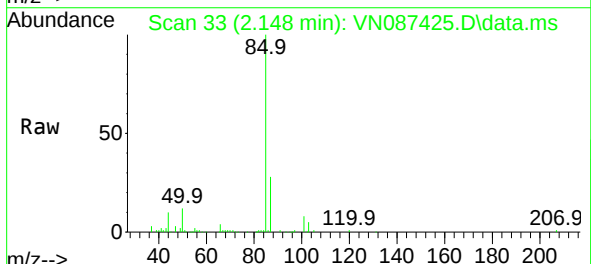
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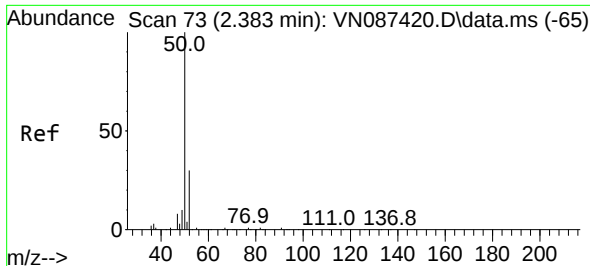
Tgt Ion:128 Resp: 84091
Ion Ratio Lower Upper
128 100
49 186.4 0.0 457.3
130 128.0 0.0 316.0



#2
Dichlorodifluoromethane
Concen: 21.236 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 85 Resp: 104188
Ion Ratio Lower Upper
85 100
87 28.6 15.0 45.1

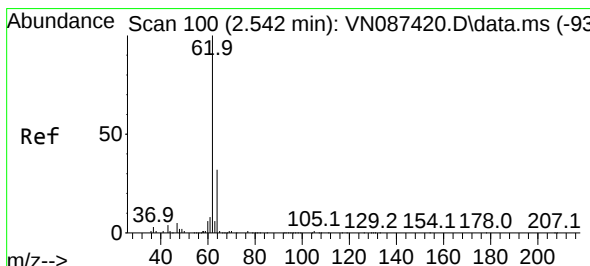
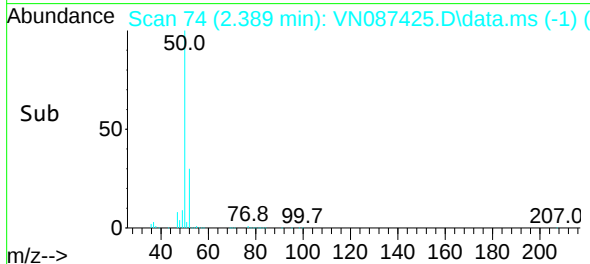
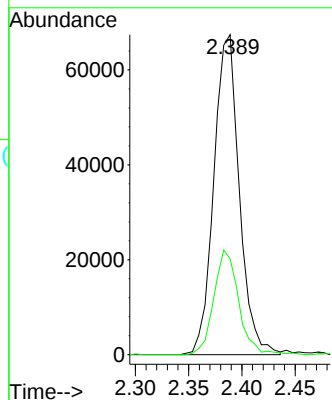
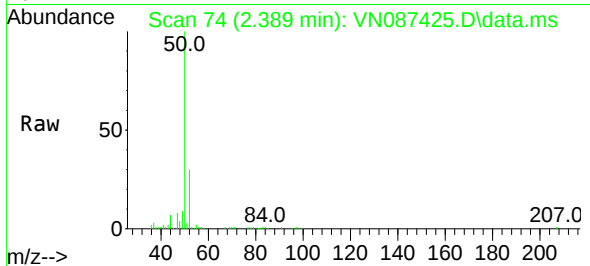




#3
Chloromethane
Concen: 21.489 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

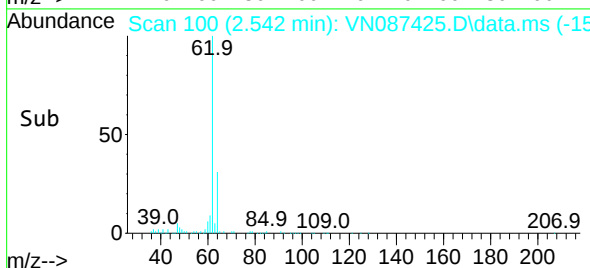
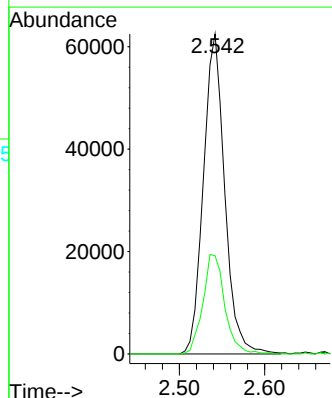
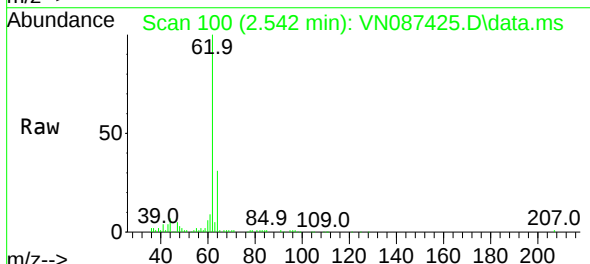
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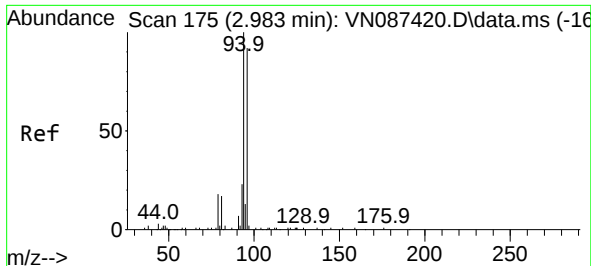
Tgt Ion: 50 Resp: 111922
Ion Ratio Lower Upper
50 100
52 30.0 24.3 36.5



#4
Vinyl Chloride
Concen: 20.586 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 62 Resp: 108475
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

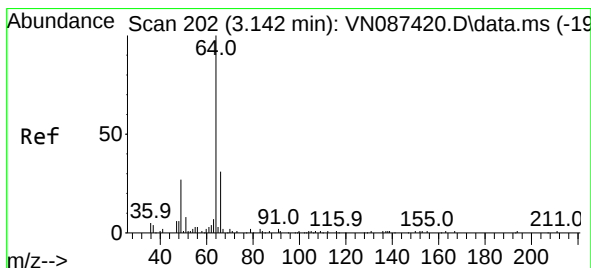
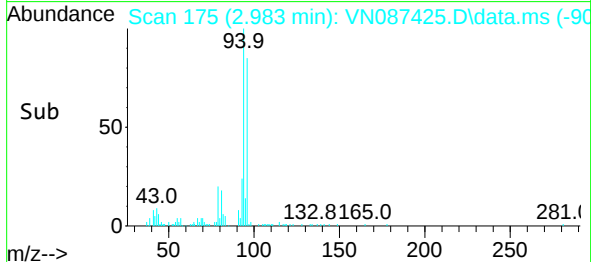
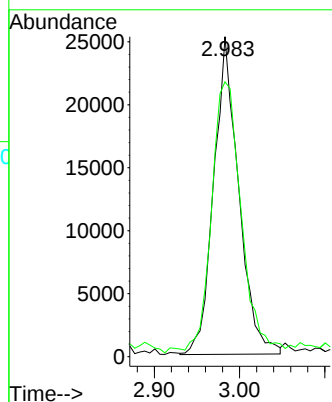
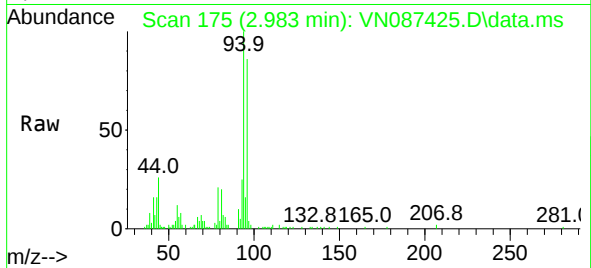




#5
Bromomethane
Concen: 19.968 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
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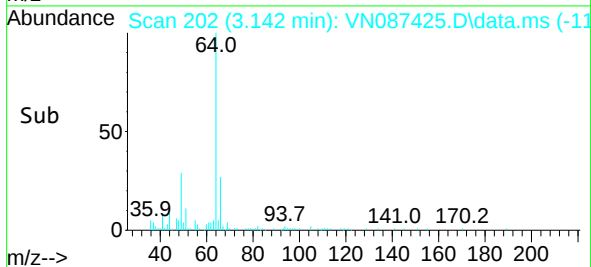
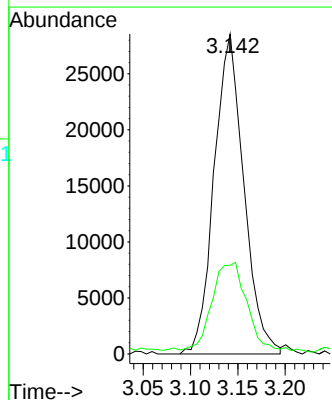
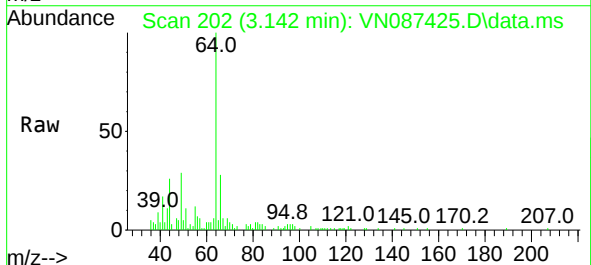
Instrument :
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ClientSampleId :

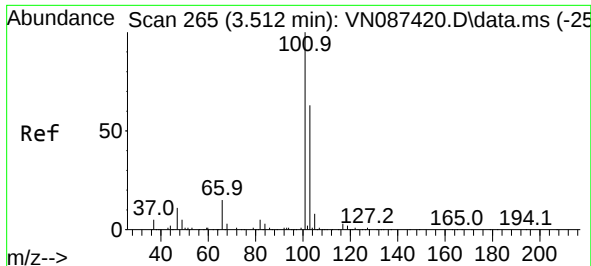
Tgt Ion: 94 Resp: 51310
Ion Ratio Lower Upper
94 100
96 84.4 73.2 109.8



#6
Chloroethane
Concen: 20.958 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087425.D
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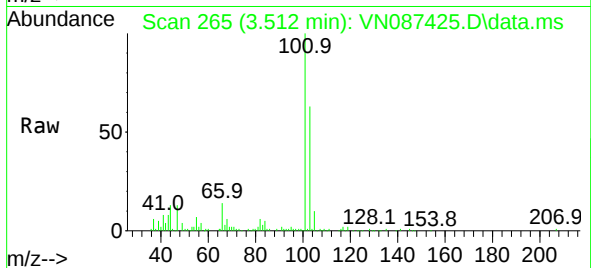
Tgt Ion: 64 Resp: 62290
Ion Ratio Lower Upper
64 100
66 26.5 25.6 38.4



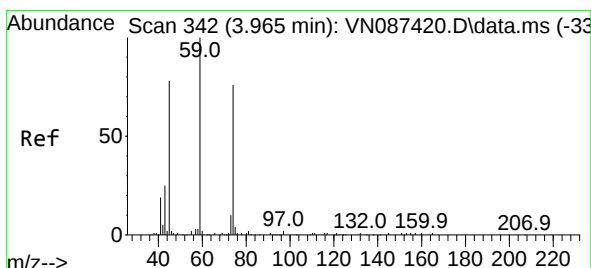
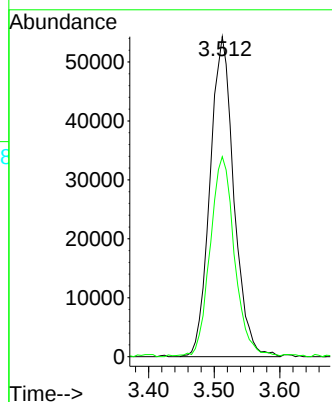
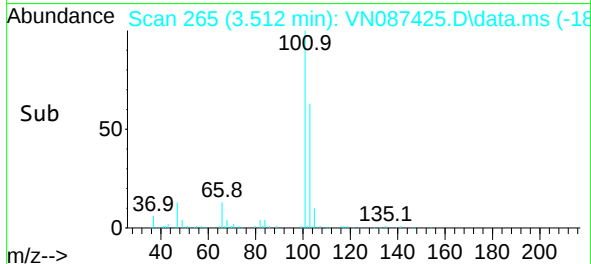


#7
 Trichlorofluoromethane
 Concen: 20.690 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
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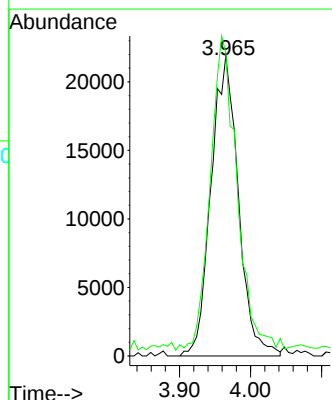
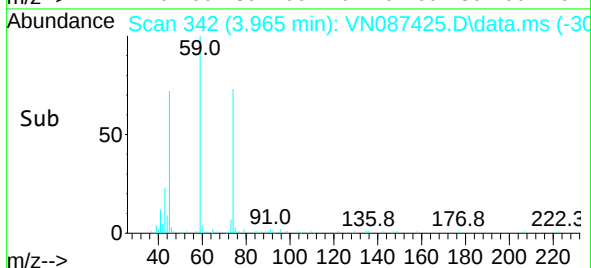
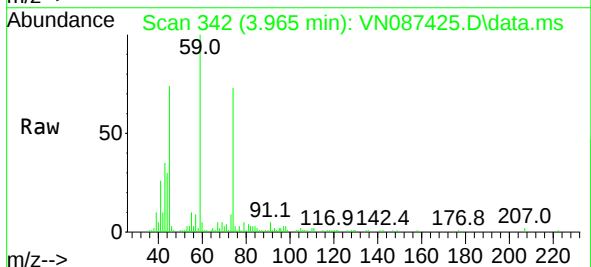


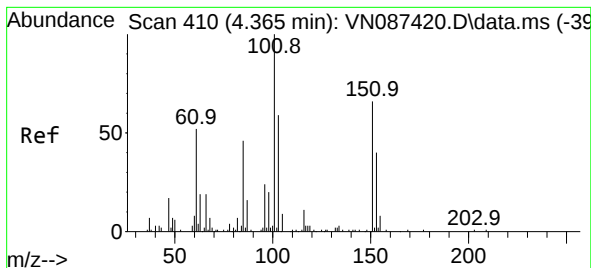
Tgt Ion:101 Resp: 137165
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.0 75.0



#8
 Diethyl Ether
 Concen: 21.182 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

Tgt Ion: 74 Resp: 58609
 Ion Ratio Lower Upper
 74 100
 45 101.9 20.2 181.4

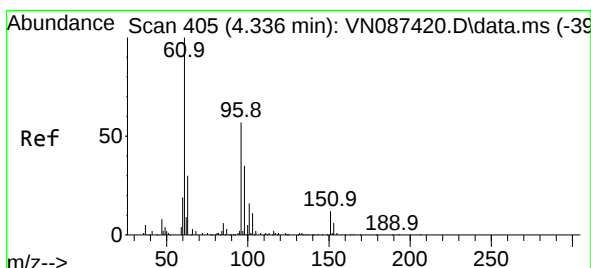
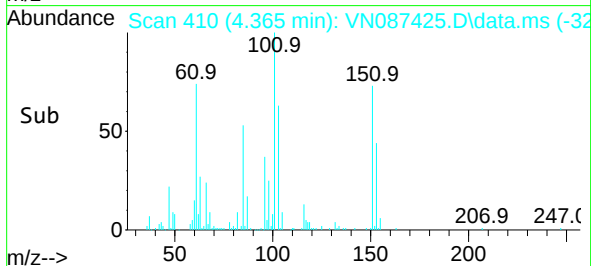
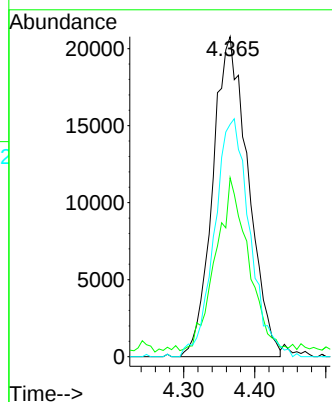
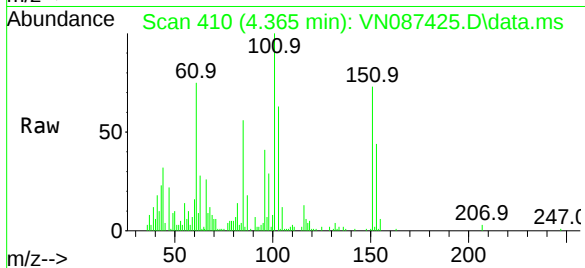




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.948 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
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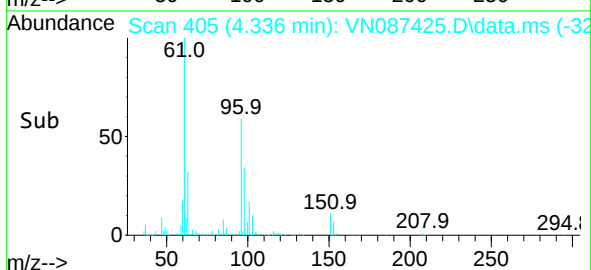
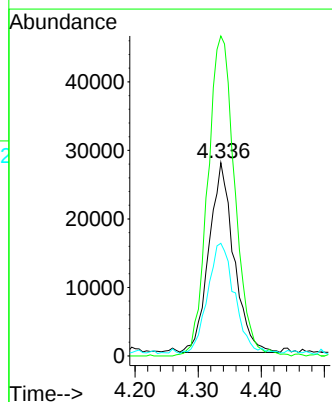
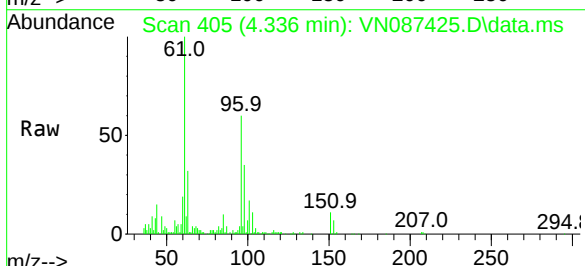
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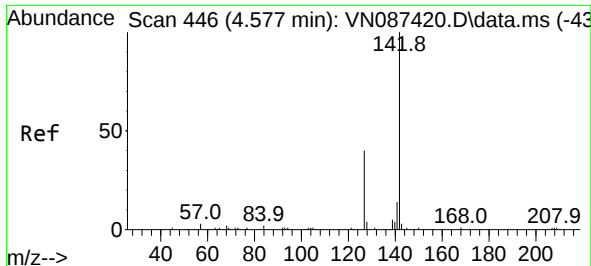
Tgt Ion:101 Resp: 72143
 Ion Ratio Lower Upper
 101 100
 85 49.4 0.0 101.2
 151 73.7 0.0 140.6



#10
 1,1-Dichloroethene
 Concen: 21.187 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

Tgt Ion: 96 Resp: 76219
 Ion Ratio Lower Upper
 96 100
 61 167.8 140.4 210.6
 98 58.0 49.6 74.4

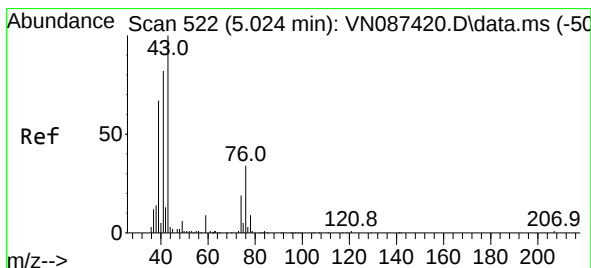
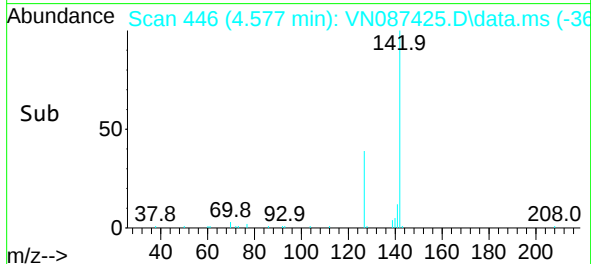
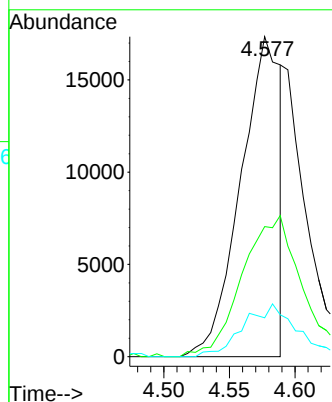
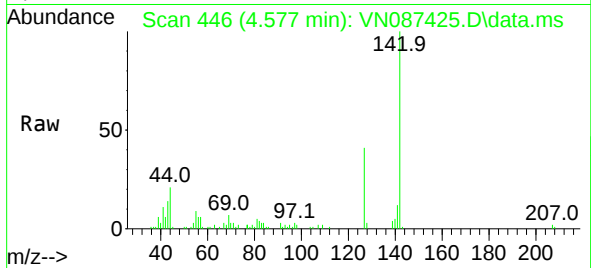




#11
Methyl Iodide
Concen: 11.218 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

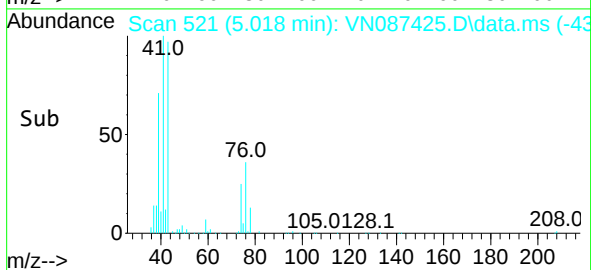
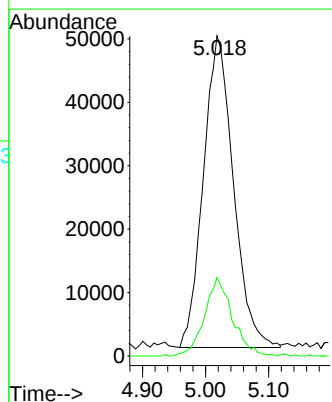
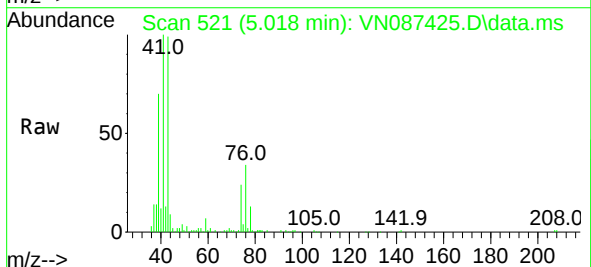
Instrument :
MSVOA_N
ClientSampleId :

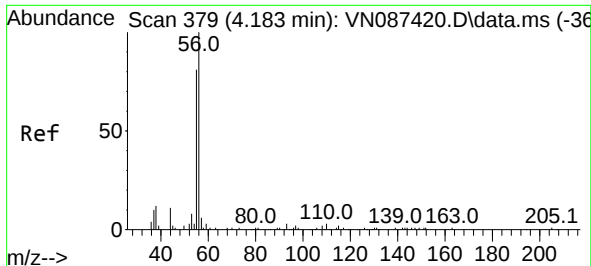
Tgt Ion:142 Resp: 36541
Ion Ratio Lower Upper
142 100
127 34.2 20.0 59.9
141 10.3 6.8 20.4



#12
Methyl Acetate
Concen: 20.709 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

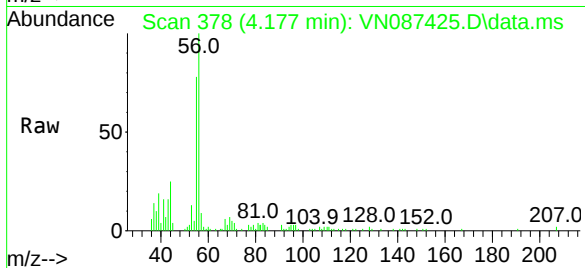
Tgt Ion: 43 Resp: 162437
Ion Ratio Lower Upper
43 100
74 24.7 15.4 23.0#



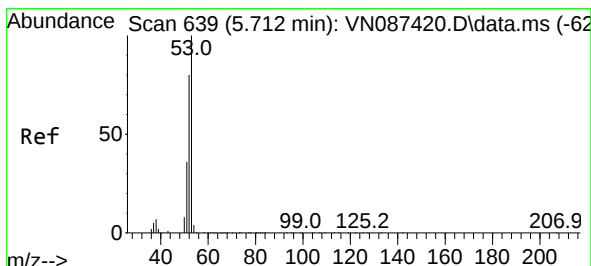
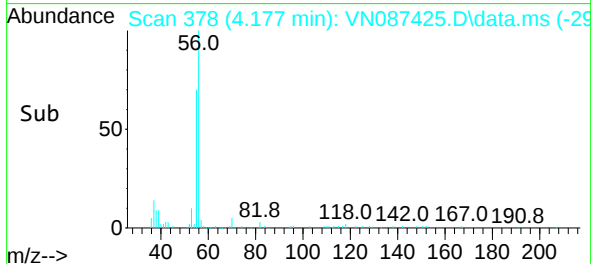
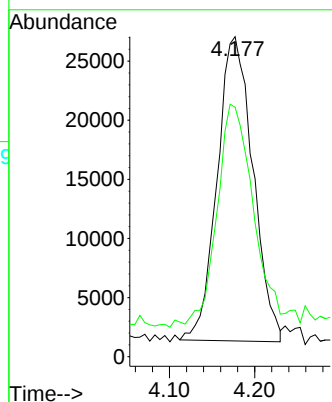


#13
Acrolein
Concen: 117.257 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

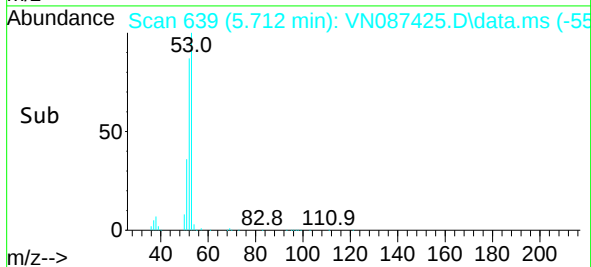
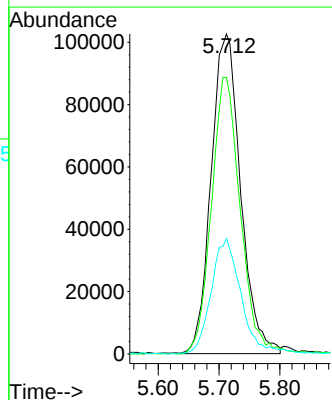
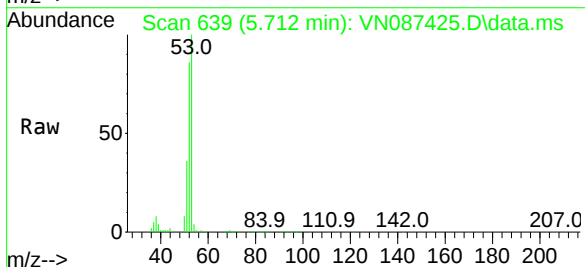


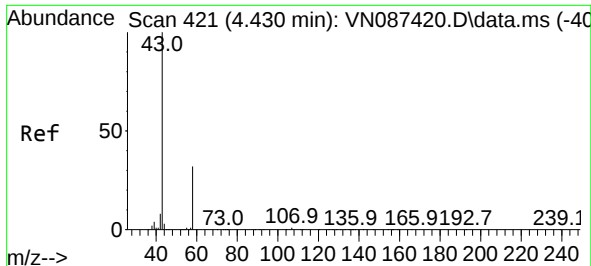
Tgt Ion: 56 Resp: 75010
Ion Ratio Lower Upper
56 100
55 71.5 58.9 88.3



#14
Acrylonitrile
Concen: 101.453 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 53 Resp: 345069
Ion Ratio Lower Upper
53 100
52 83.8 41.6 124.9
51 35.4 18.1 54.4

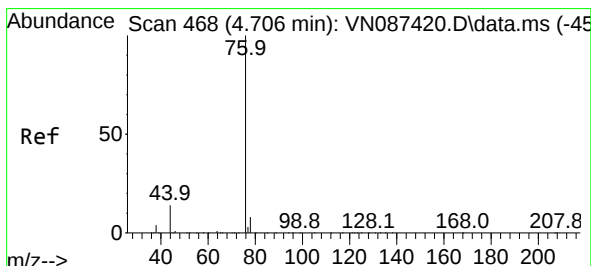
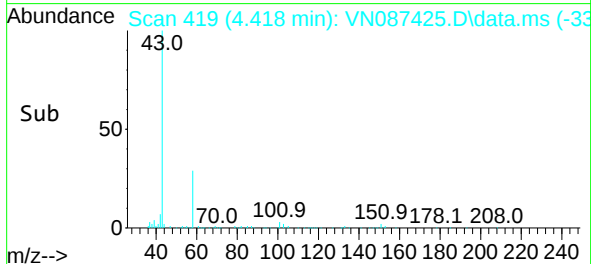
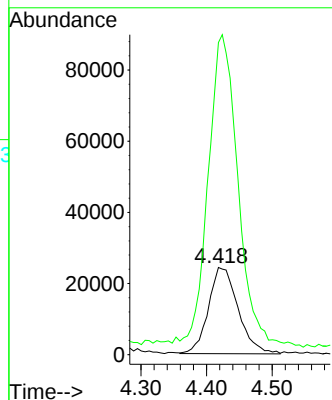
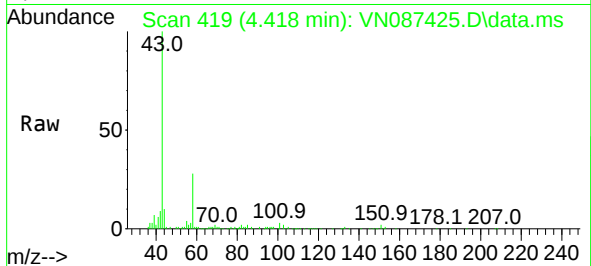




#15
Acetone
Concen: 96.630 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

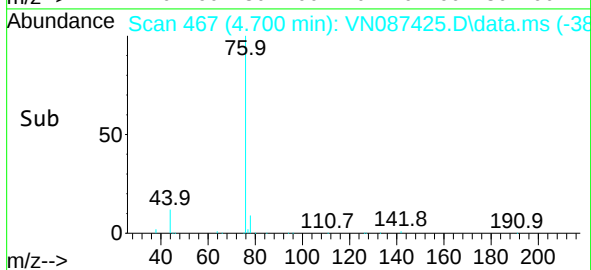
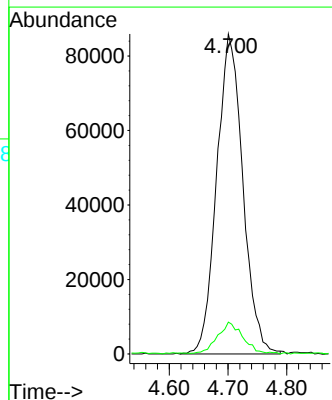
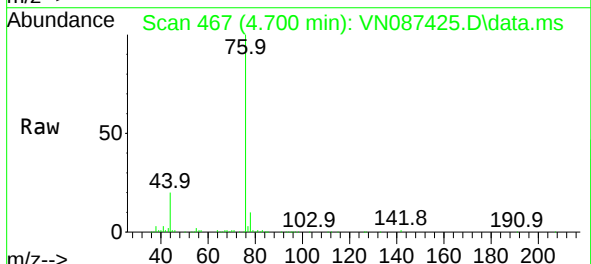
Instrument :
MSVOA_N
ClientSampleId :

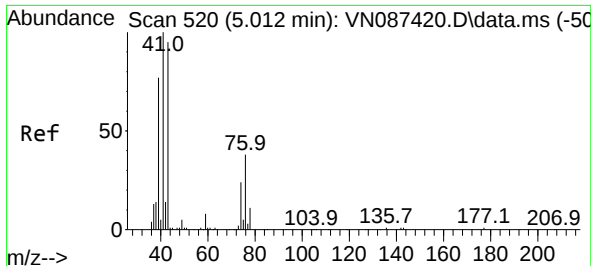
Tgt Ion: 58 Resp: 76175
Ion Ratio Lower Upper
58 100
43 349.1 248.4 372.6



#16
Carbon Disulfide
Concen: 20.720 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 76 Resp: 264903
Ion Ratio Lower Upper
76 100
78 10.0 6.6 10.0





#17

Allyl chloride

Concen: 20.234 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

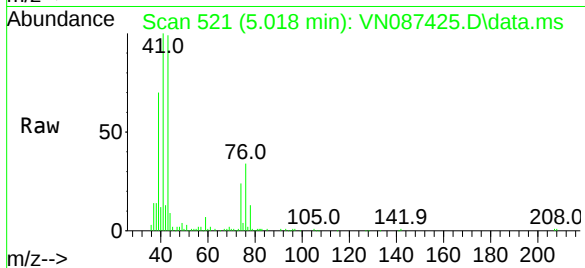
Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

ClientSampleId :



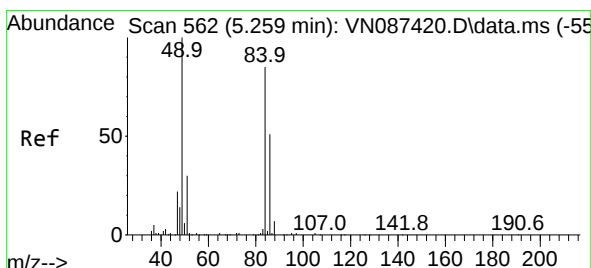
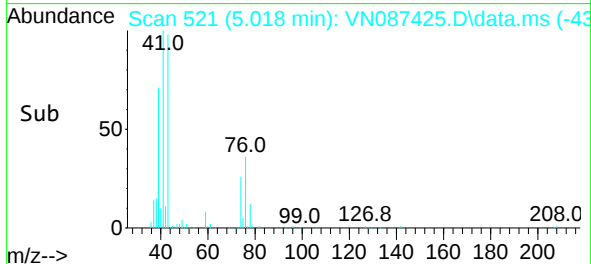
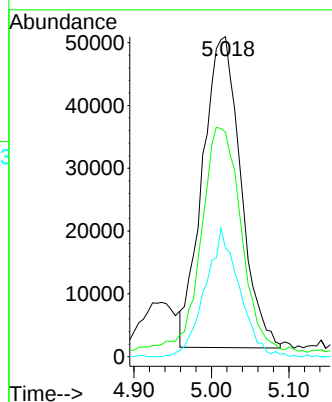
Tgt Ion: 41 Resp: 169606

Ion Ratio Lower Upper

41 100

39 70.6 35.9 107.8

76 34.5 17.5 52.5



#18

Methylene Chloride

Concen: 19.857 ug/l

RT: 5.259 min Scan# 562

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Tgt Ion: 84 Resp: 107545

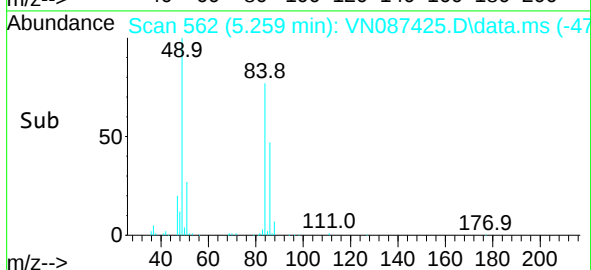
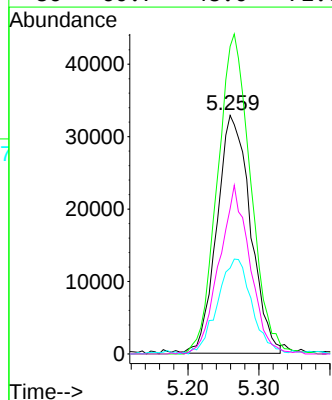
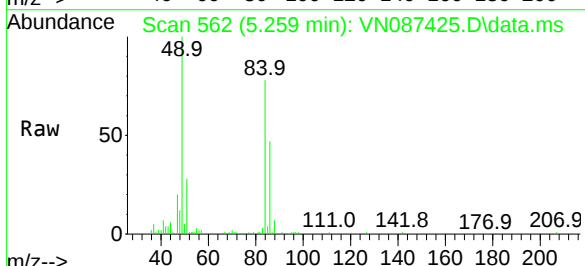
Ion Ratio Lower Upper

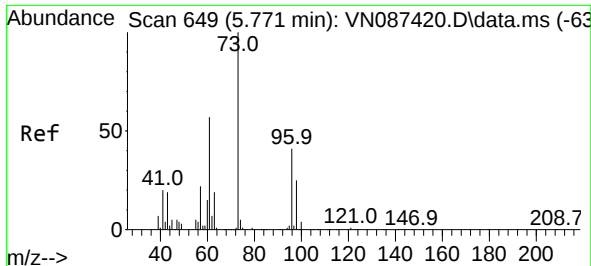
84 100

49 129.9 93.5 140.3

51 36.3 28.0 42.0

86 60.7 48.0 72.0

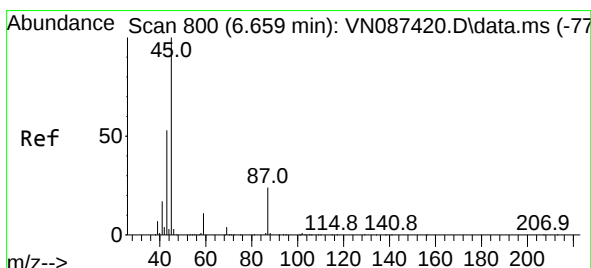
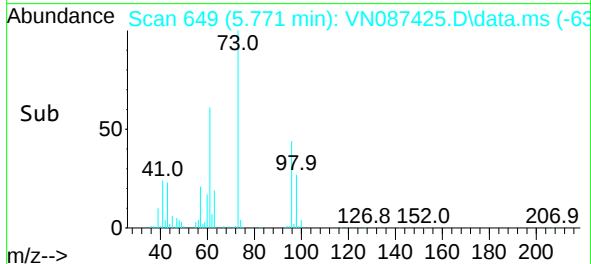
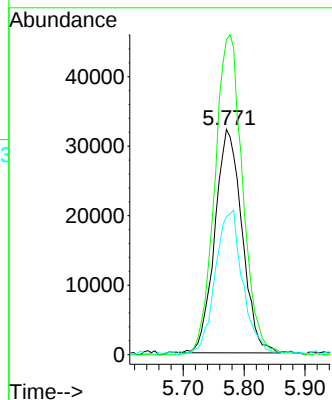
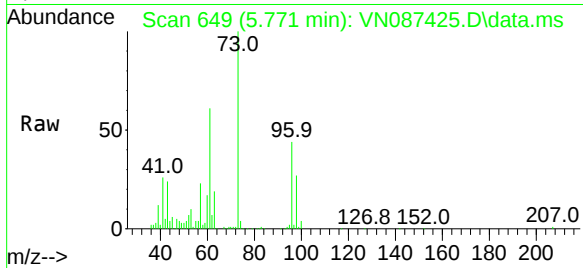




#19
trans-1,2-Dichloroethene
Concen: 19.531 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

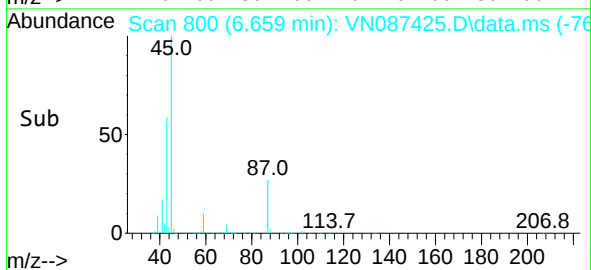
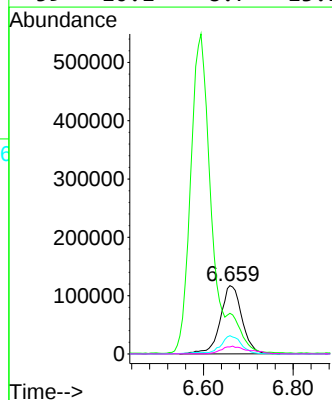
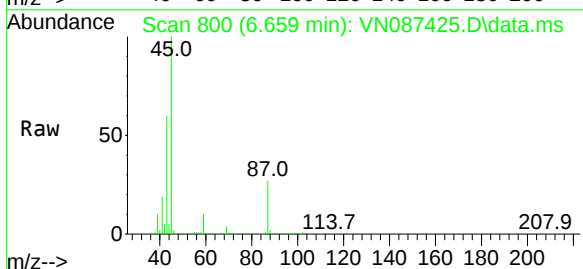
Instrument :
MSVOA_N
ClientSampleId :

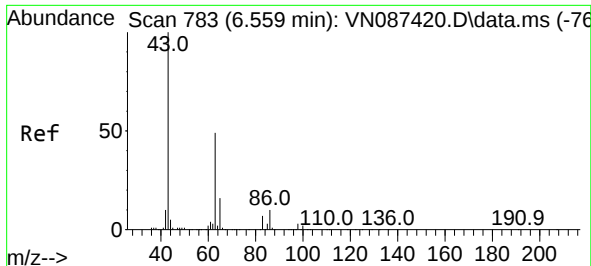
Tgt Ion: 96 Resp: 99817
Ion Ratio Lower Upper
96 100
61 141.2 110.2 165.4
98 60.5 47.9 71.9



#20
Diisopropyl ether
Concen: 20.506 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

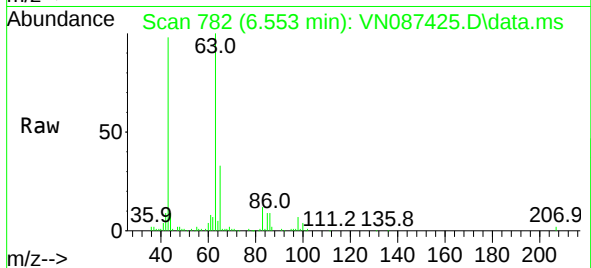
Tgt Ion: 45 Resp: 391071
Ion Ratio Lower Upper
45 100
43 57.8 42.7 64.1
87 26.7 19.4 29.0
59 10.1 8.7 13.1



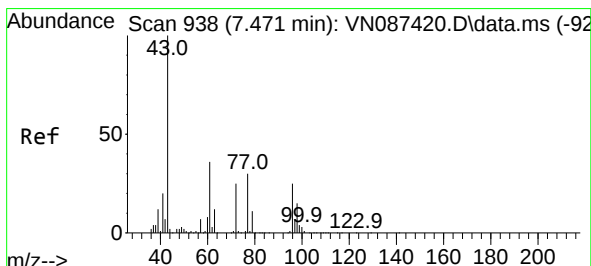
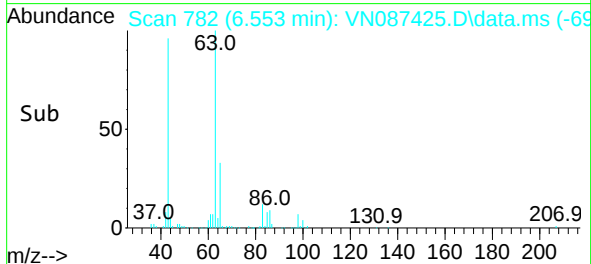
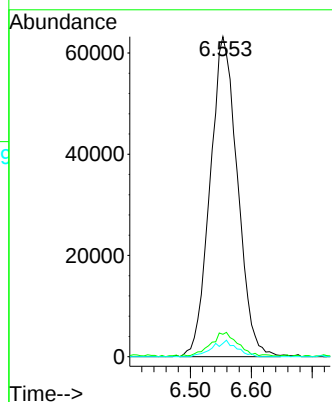


#21
1,1-Dichloroethane
Concen: 20.447 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

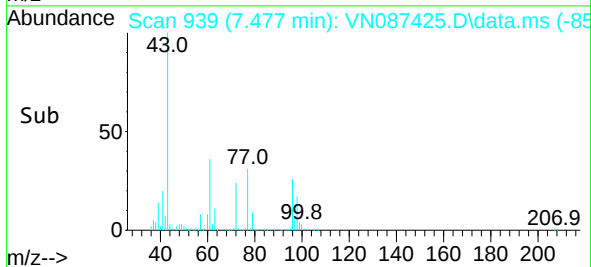
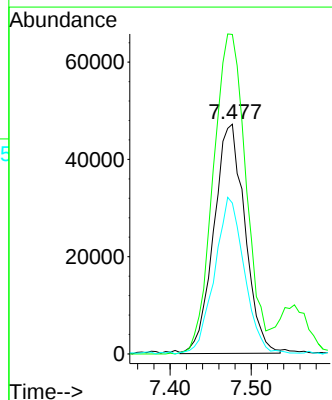
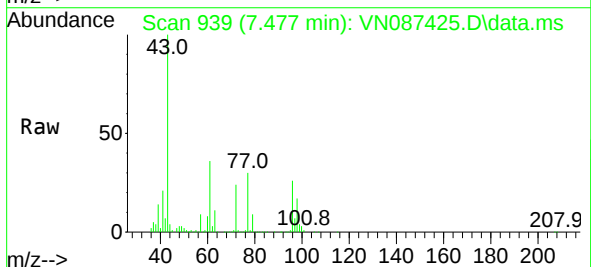


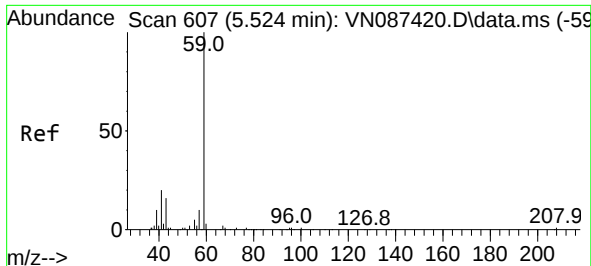
Tgt Ion: 63 Resp: 197638
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.1
100 4.2 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 20.151 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 96 Resp: 125168
Ion Ratio Lower Upper
96 100
61 146.9 118.8 178.2
98 65.0 51.5 77.3

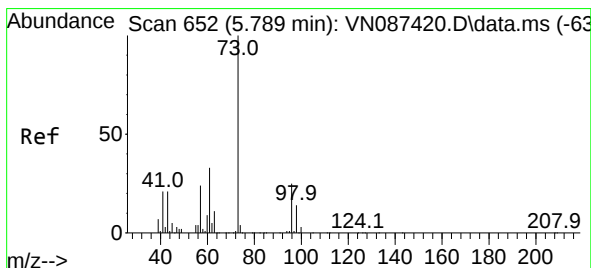
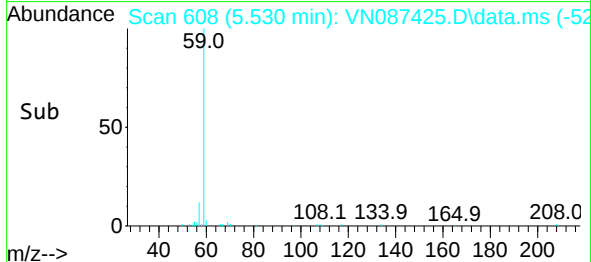
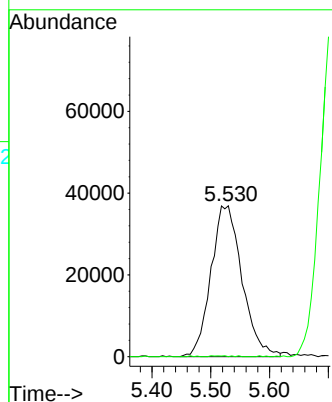
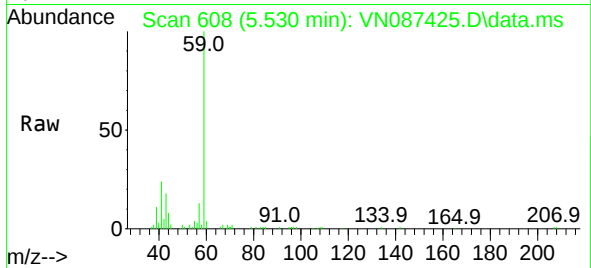




#23
tert-Butyl Alcohol
Concen: 102.944 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

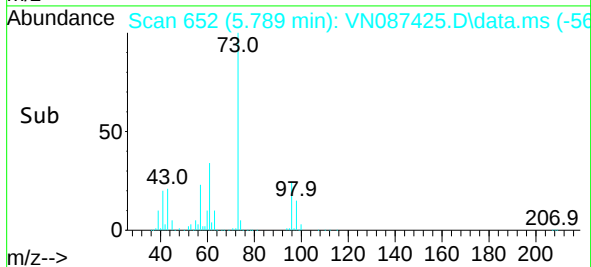
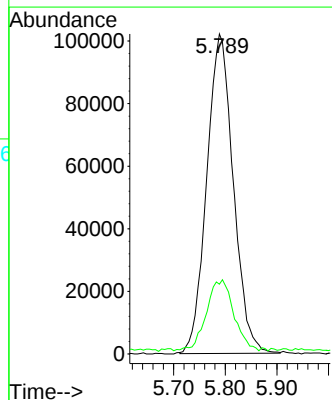
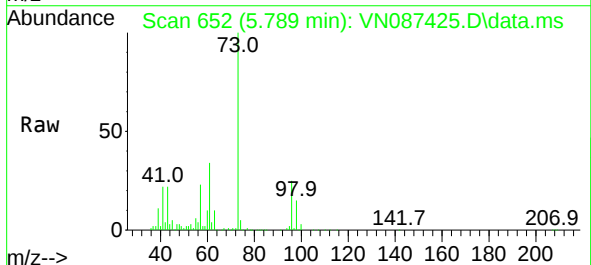
Instrument :
MSVOA_N
ClientSampleId :

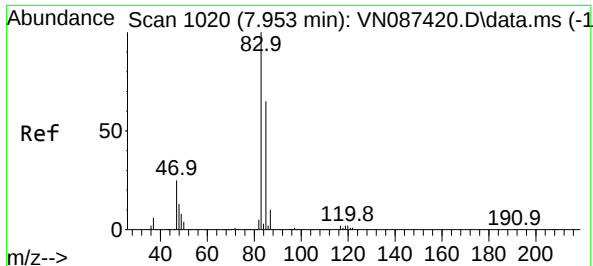
Tgt Ion: 59 Resp: 135715
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 20.435 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 73 Resp: 364737
Ion Ratio Lower Upper
73 100
43 22.5 17.1 25.7

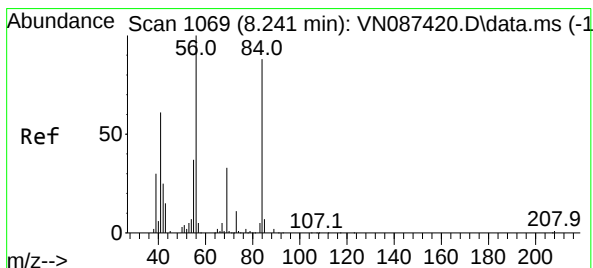
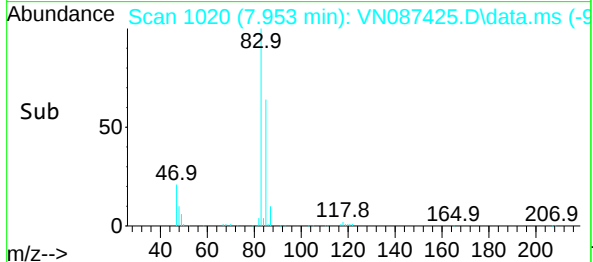
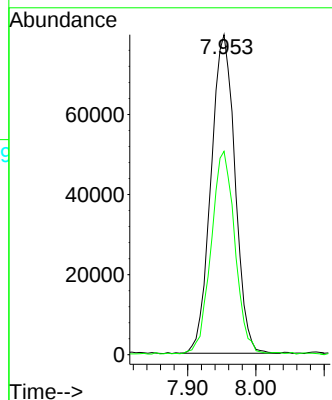
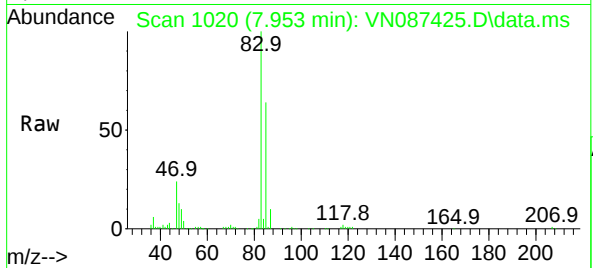




#25
Chloroform
Concen: 19.971 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

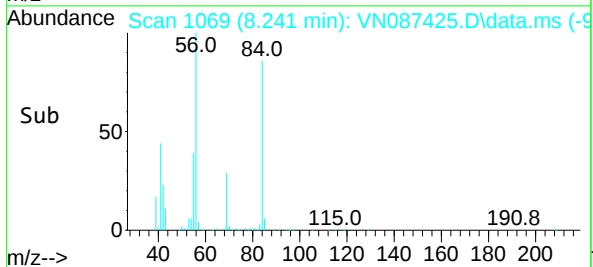
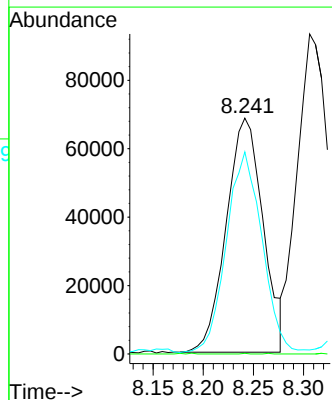
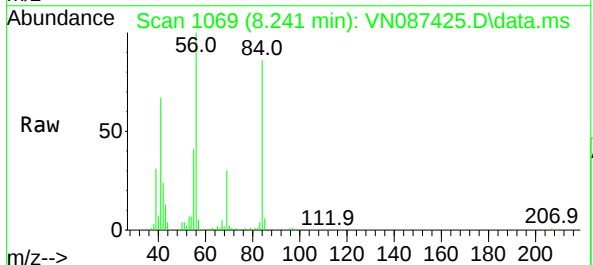
Instrument :
MSVOA_N
ClientSampleId :

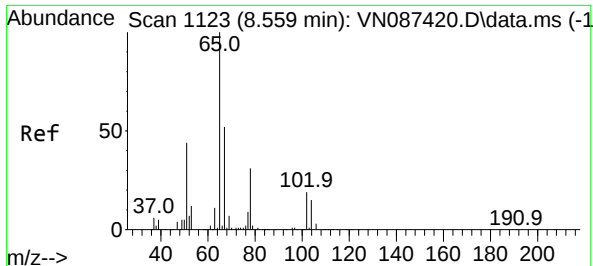
Tgt Ion: 83 Resp: 194885
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0



#26
Cyclohexane
Concen: 19.622 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 56 Resp: 175170
Ion Ratio Lower Upper
56 100
89 0.1 4.7 7.1#
84 83.6 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 29.892 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

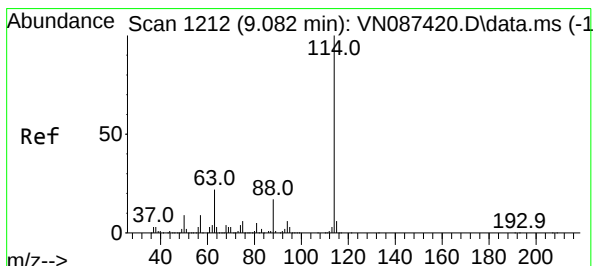
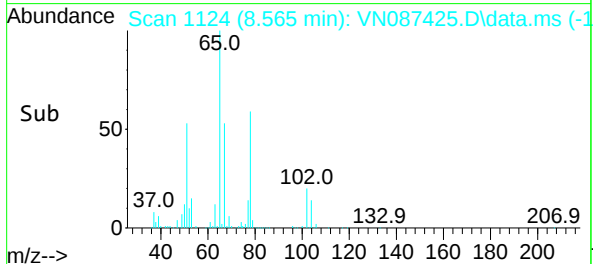
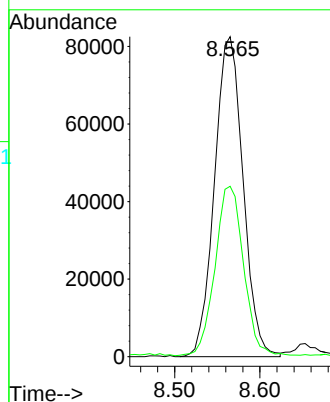
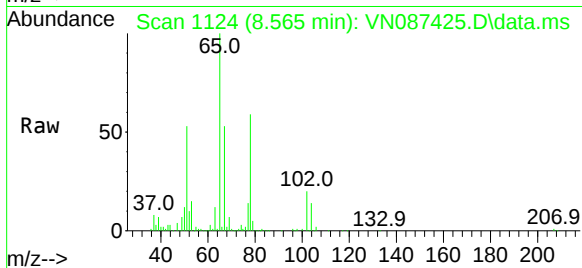
ClientSampleId :

Tgt Ion: 65 Resp: 192219

Ion Ratio Lower Upper

65 100

67 52.8 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

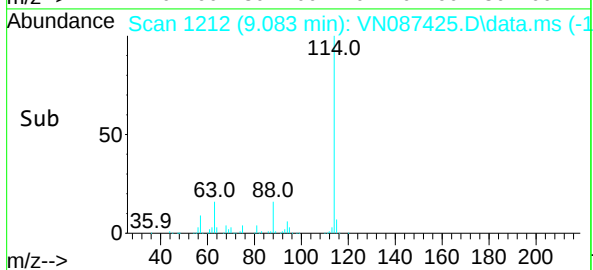
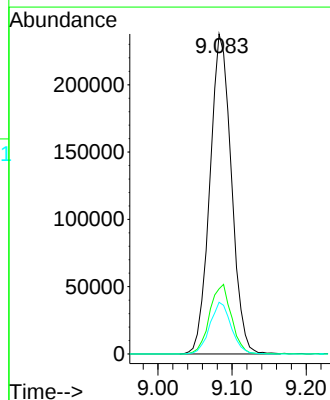
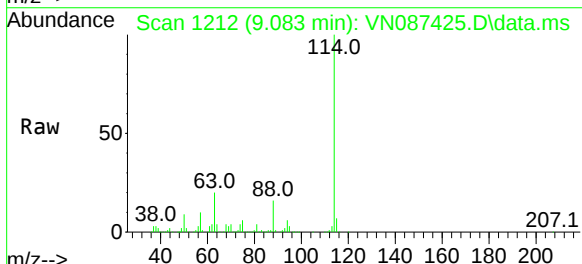
Tgt Ion: 114 Resp: 479566

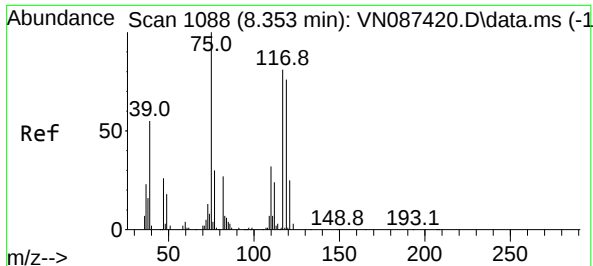
Ion Ratio Lower Upper

114 100

63 22.0 17.8 26.6

88 16.1 13.0 19.4

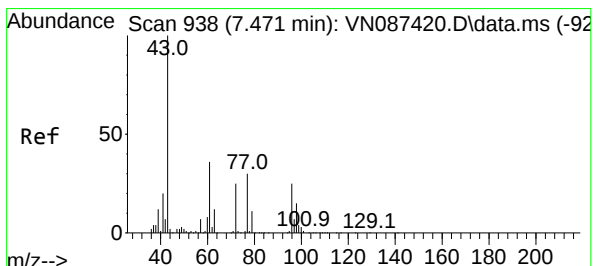
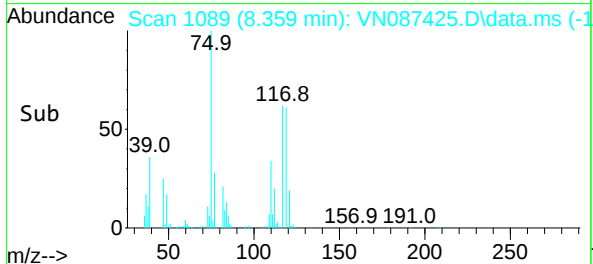
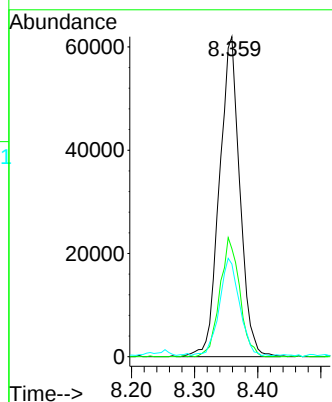
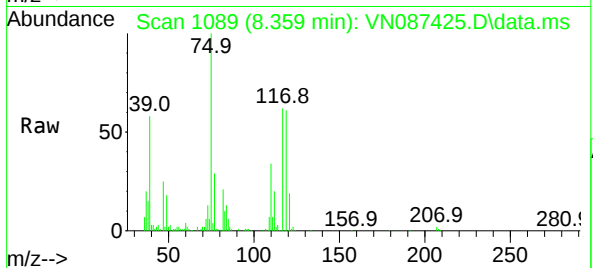




#29
1,1-Dichloropropene
Concen: 20.480 ug/l
RT: 8.359 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

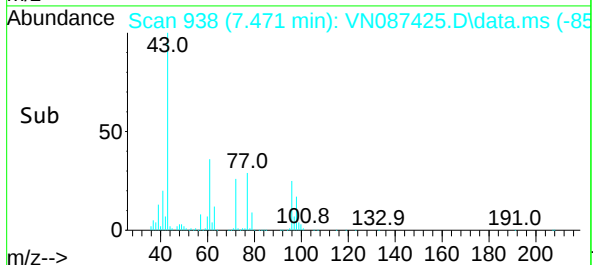
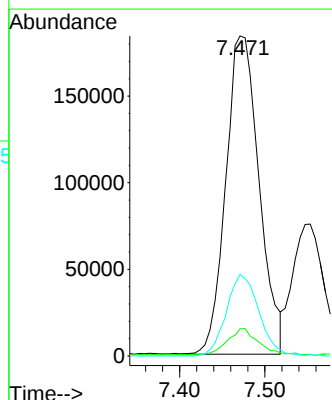
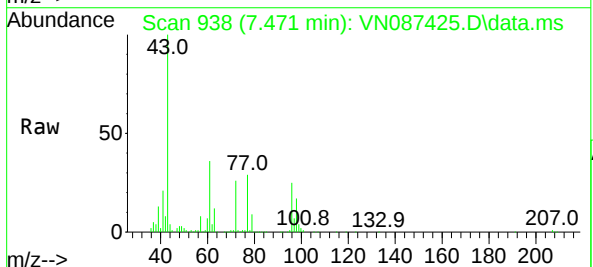
Instrument :
MSVOA_N
ClientSampleId :

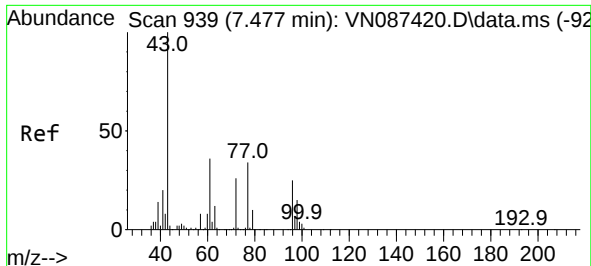
Tgt Ion: 75 Resp: 139428
Ion Ratio Lower Upper
75 100
110 36.1 0.0 69.6
77 29.4 0.0 60.2



#30
2-Butanone
Concen: 101.332 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 43 Resp: 499815
Ion Ratio Lower Upper
43 100
57 7.5 6.0 9.0
72 25.0 20.3 30.5





#31

2,2-Dichloropropane

Concen: 18.908 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

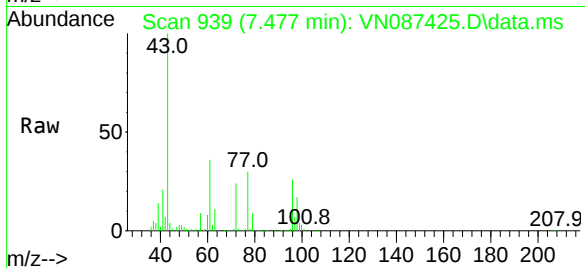
Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

ClientSampleId :

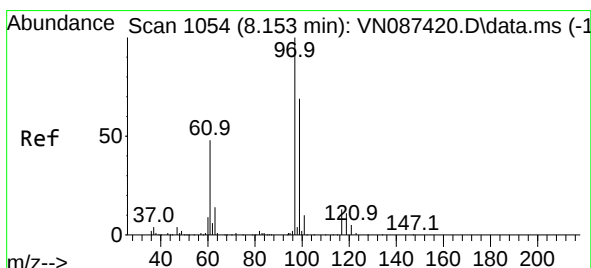
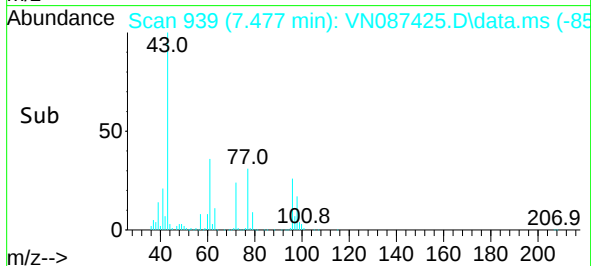
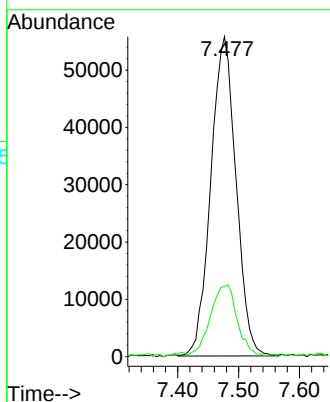


Tgt Ion: 77 Resp: 160394

Ion Ratio Lower Upper

77 100

97 23.4 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 19.987 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

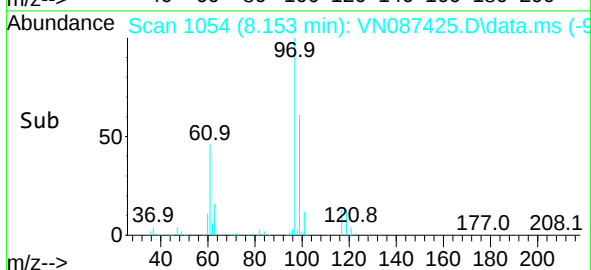
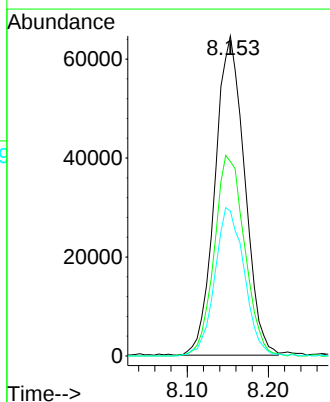
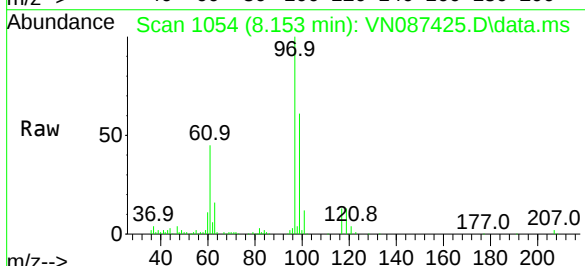
Tgt Ion: 97 Resp: 163557

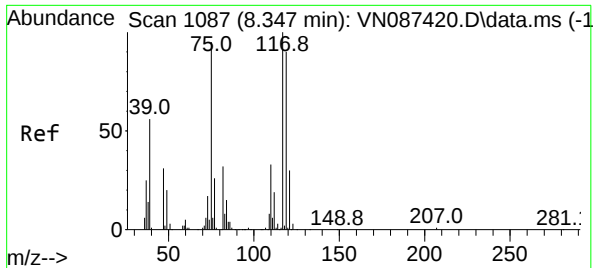
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 46.2 36.3 54.5

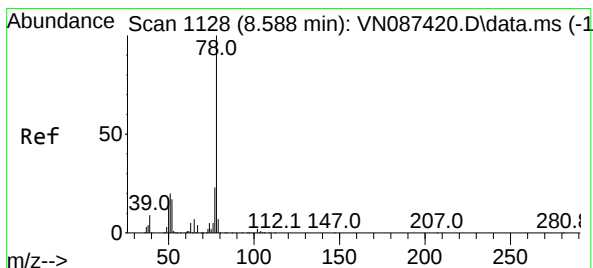
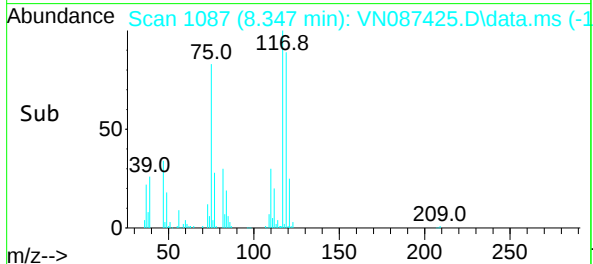
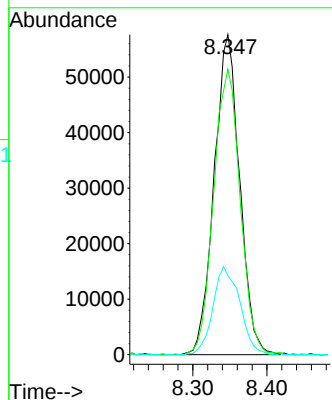
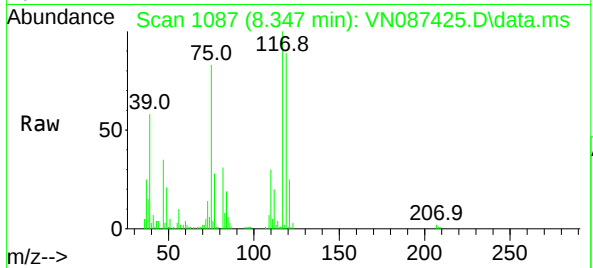




#33
Carbon Tetrachloride
Concen: 20.440 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

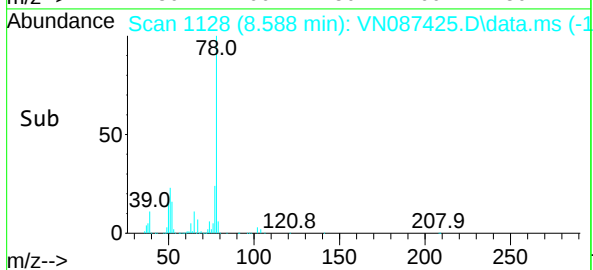
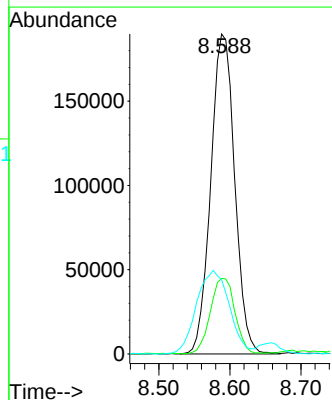
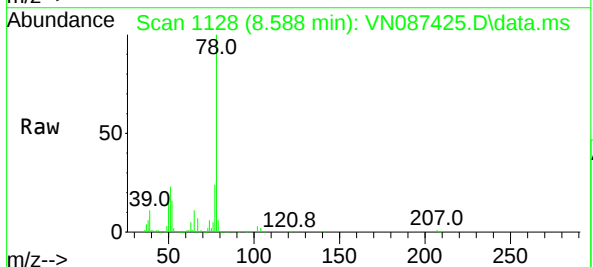
Instrument :
MSVOA_N
ClientSampleId :

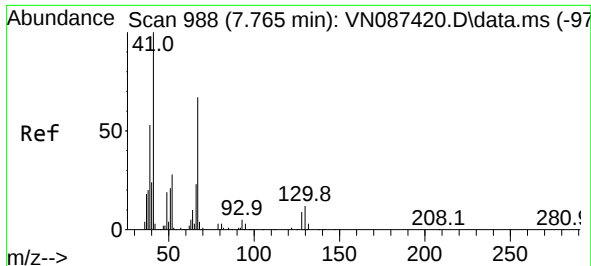
Tgt Ion:117 Resp: 137918
Ion Ratio Lower Upper
117 100
119 89.2 71.9 107.9
121 24.8 24.4 36.6



#34
Benzene
Concen: 19.953 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 78 Resp: 444298
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0
51 21.4 16.3 24.5



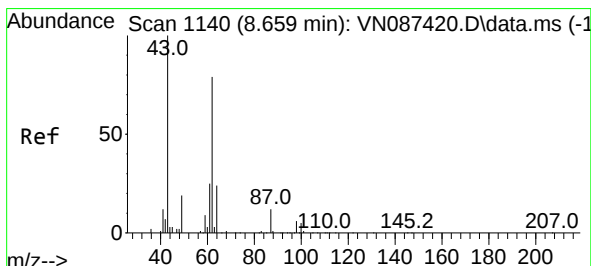
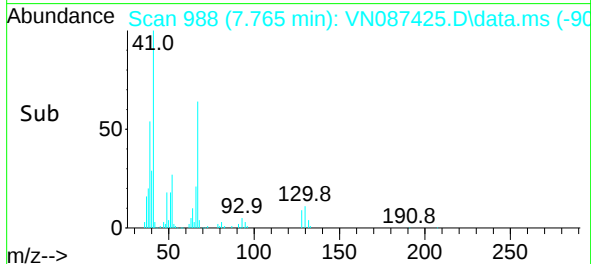
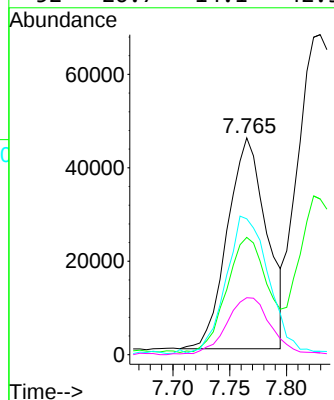
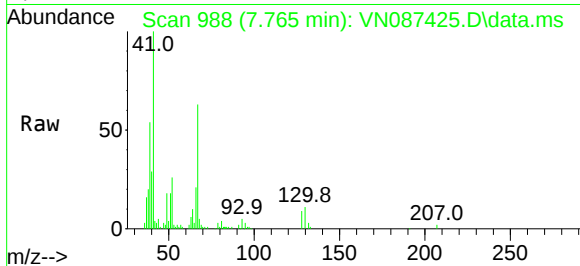


#35
Methacrylonitrile
Concen: 19.253 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 108783

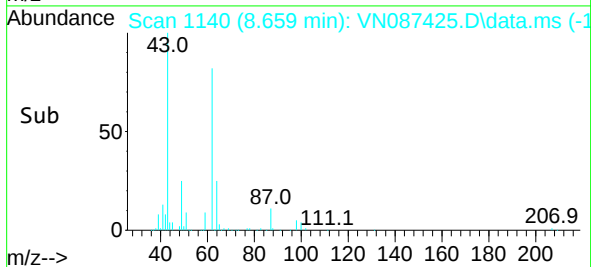
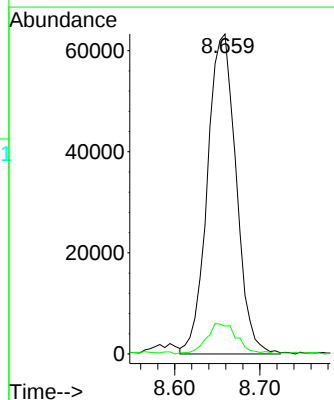
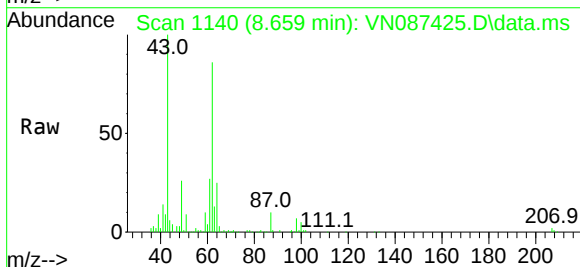
Ion	Ratio	Lower	Upper
41	100		
39	54.6	26.7	80.1
67	62.1	33.5	100.4
52	26.7	14.1	42.3

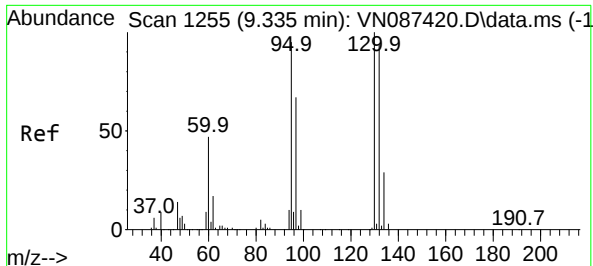


#36
1,2-Dichloroethane
Concen: 20.027 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 62 Resp: 148407

Ion	Ratio	Lower	Upper
62	100		
98	6.5	0.2	0.2#





#37

Trichloroethene

Concen: 20.065 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

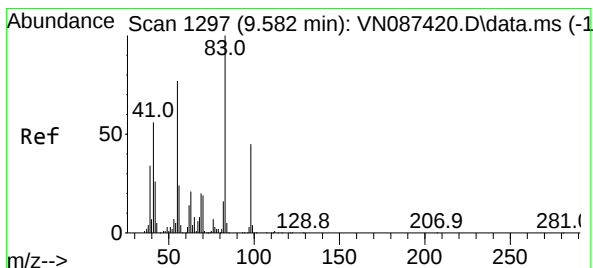
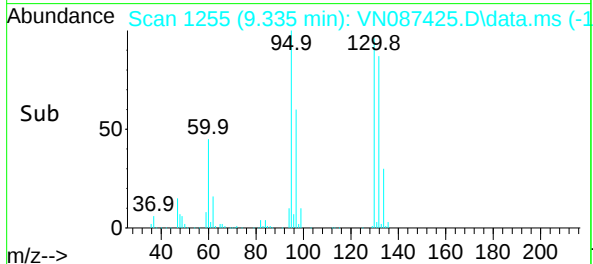
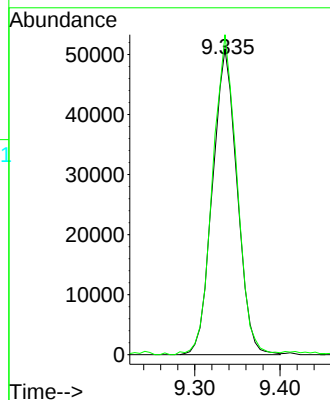
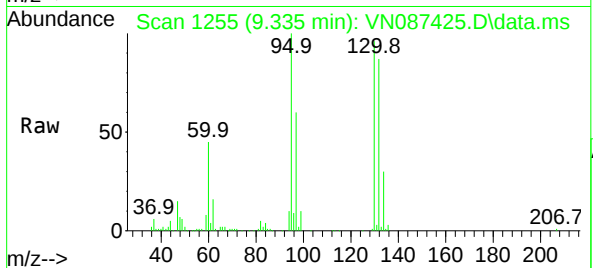
ClientSampleId :

Tgt Ion:130 Resp: 101986

Ion Ratio Lower Upper

130 100

95 104.1 76.4 114.6



#38

Methylcyclohexane

Concen: 19.624 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

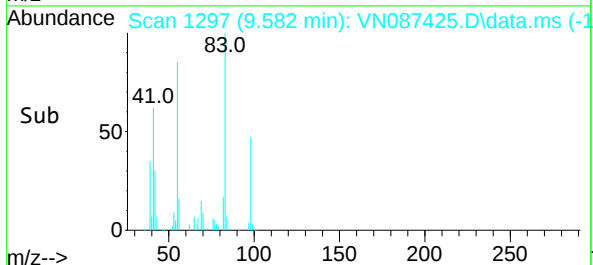
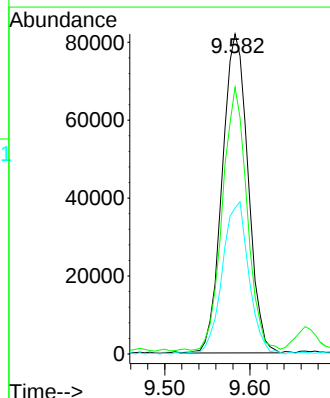
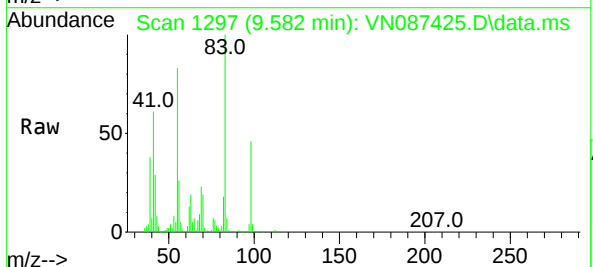
Tgt Ion: 83 Resp: 172306

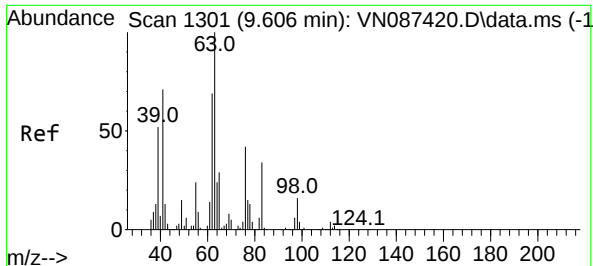
Ion Ratio Lower Upper

83 100

55 79.2 39.4 118.1

98 48.2 23.6 70.8





#39

1,2-Dichloropropane

Concen: 20.406 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

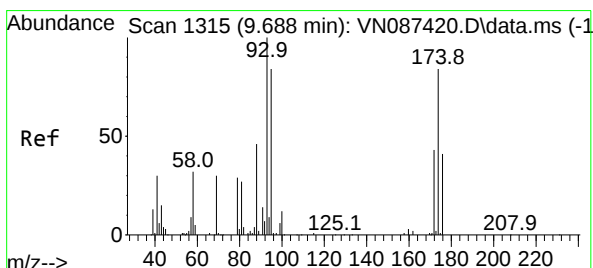
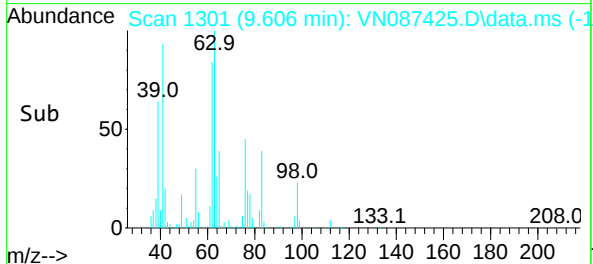
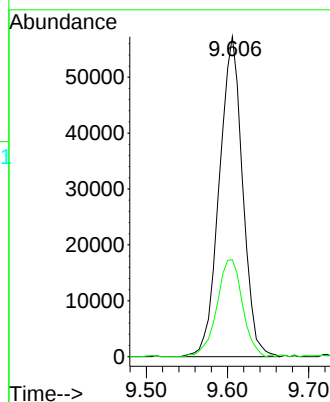
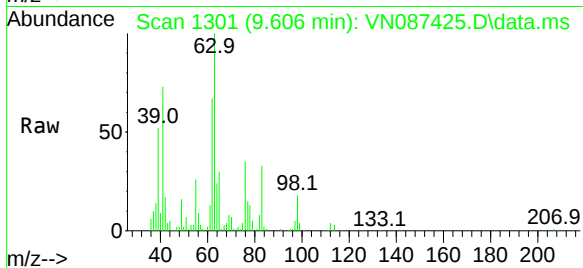
ClientSampleId :

Tgt Ion: 63 Resp: 114391

Ion Ratio Lower Upper

63 100

65 30.3 23.1 34.7



#40

Dibromomethane

Concen: 20.008 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

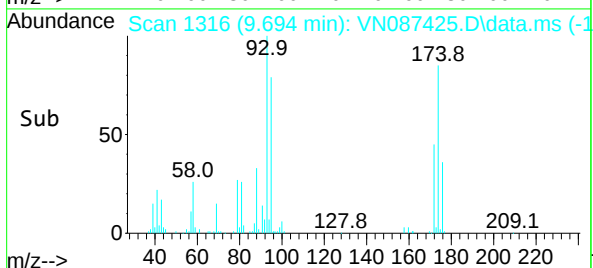
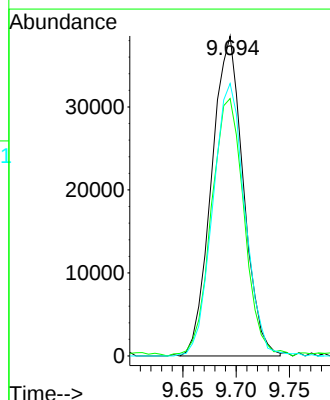
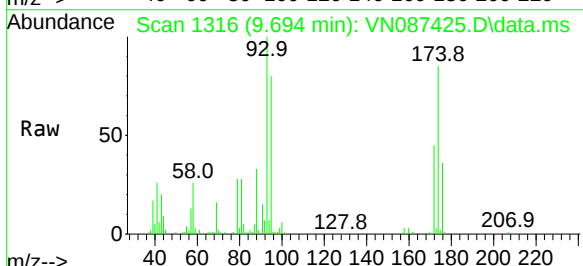
Tgt Ion: 93 Resp: 79564

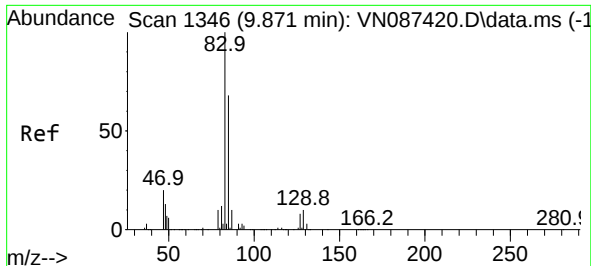
Ion Ratio Lower Upper

93 100

95 82.8 0.0 164.8

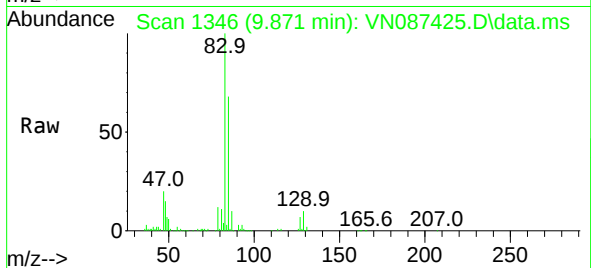
174 86.1 0.0 174.4



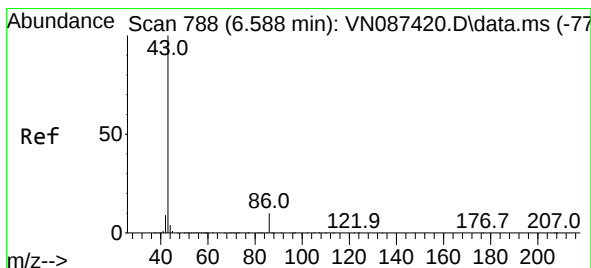
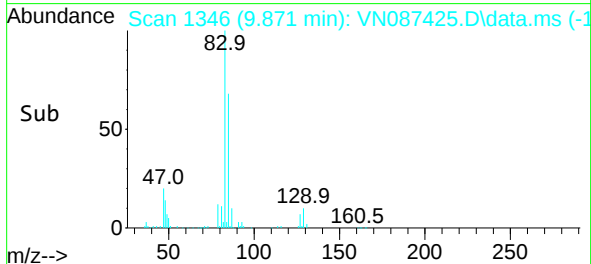
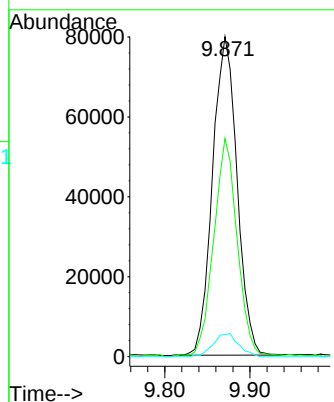


#41
Bromodichloromethane
Concen: 19.932 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

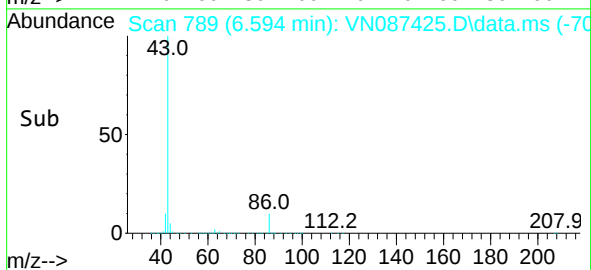
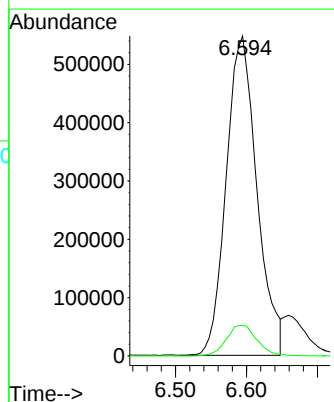
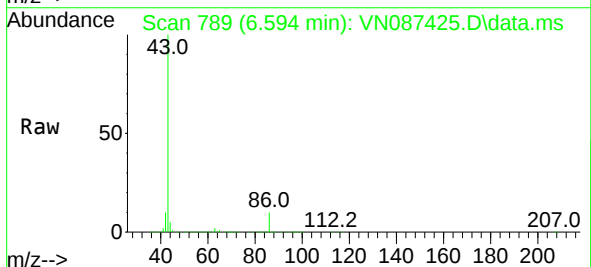


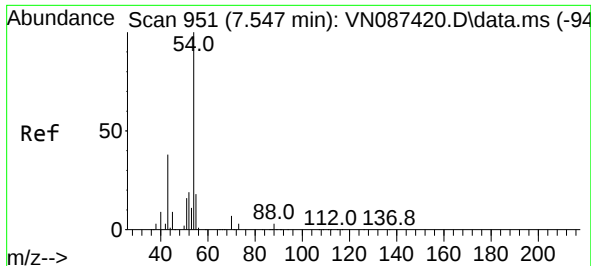
Tgt Ion: 83 Resp: 159528
Ion Ratio Lower Upper
83 100
85 68.1 54.5 81.7
127 6.9 6.6 10.0



#42
Vinyl Acetate
Concen: 99.228 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

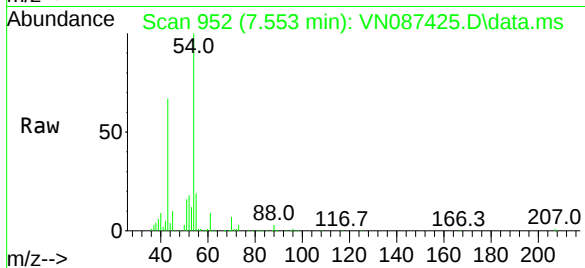
Tgt Ion: 43 Resp: 1647099
Ion Ratio Lower Upper
43 100
86 9.6 7.9 11.9



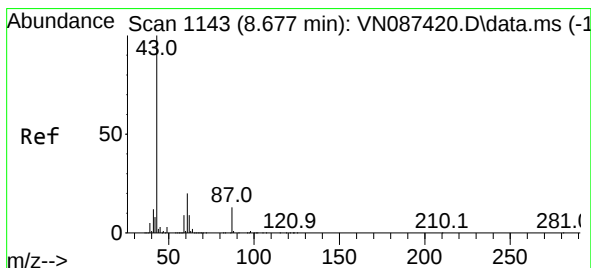
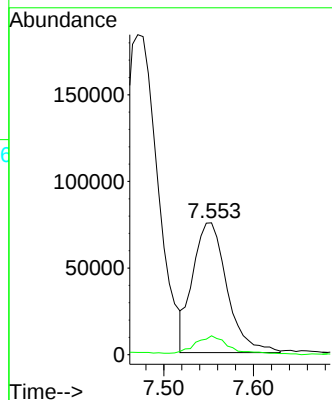
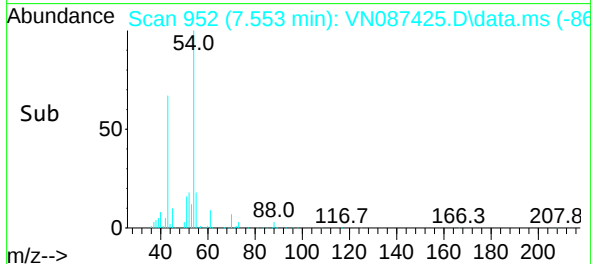


#43
Ethyl Acetate
Concen: 19.659 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

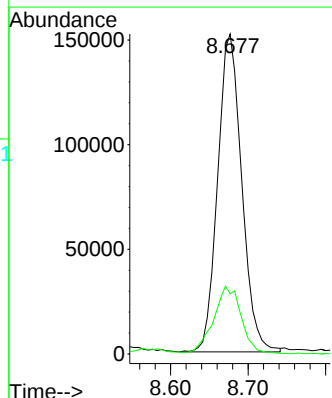
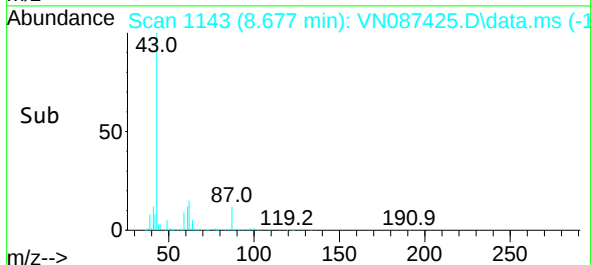
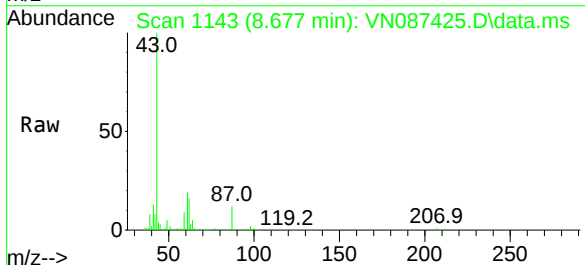


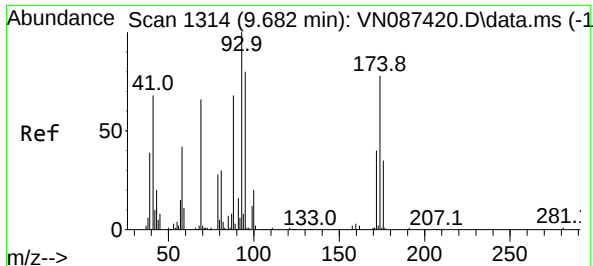
Tgt Ion: 43 Resp: 198786
Ion Ratio Lower Upper
43 100
45 11.5 1.6 2.4#



#44
Isopropyl Acetate
Concen: 20.327 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 43 Resp: 328347
Ion Ratio Lower Upper
43 100
61 24.7 20.0 30.0

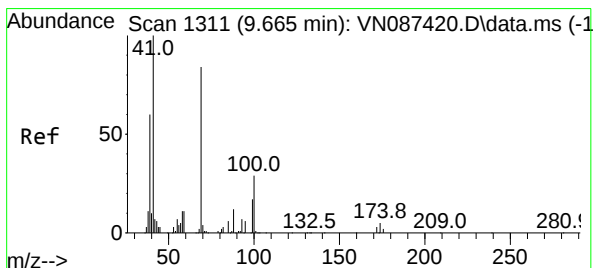
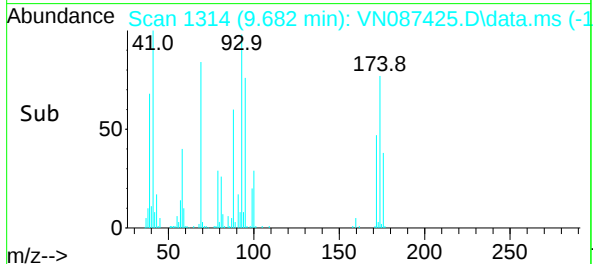
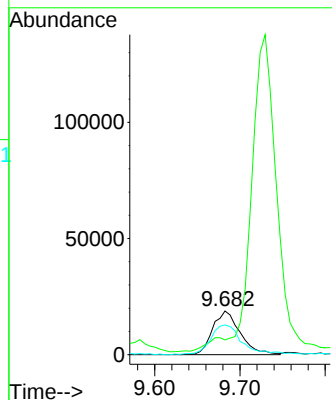
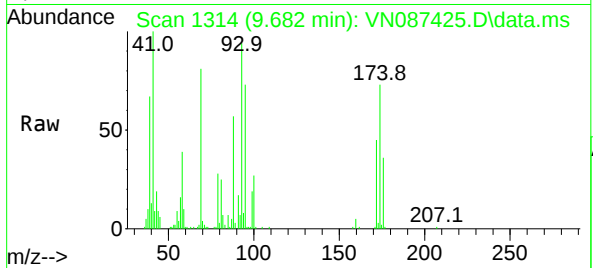




#45
1,4-Dioxane
Concen: 412.361 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

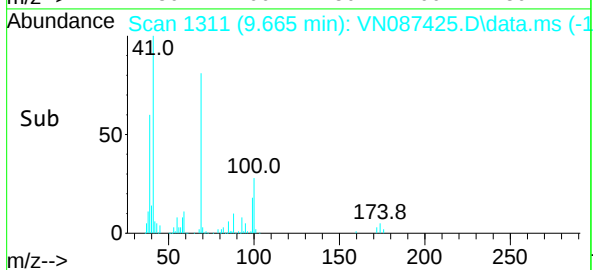
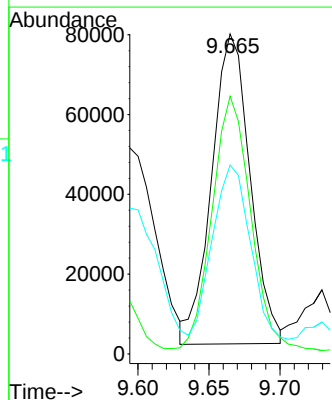
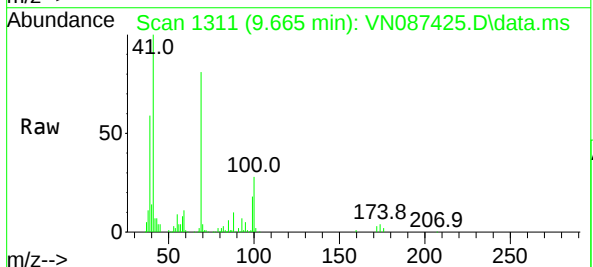
Instrument :
MSVOA_N
ClientSampleId :

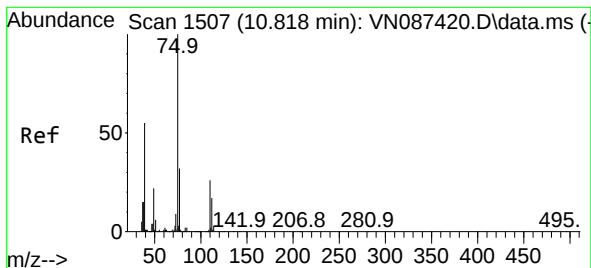
Tgt Ion: 88 Resp: 42264
Ion Ratio Lower Upper
88 100
43 20.8 22.7 34.1#
58 75.1 56.2 84.4



#46
Methyl methacrylate
Concen: 19.421 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 41 Resp: 146072
Ion Ratio Lower Upper
41 100
69 85.0 41.9 125.7
39 58.0 31.1 93.5

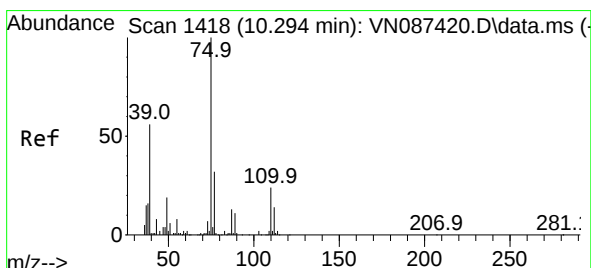
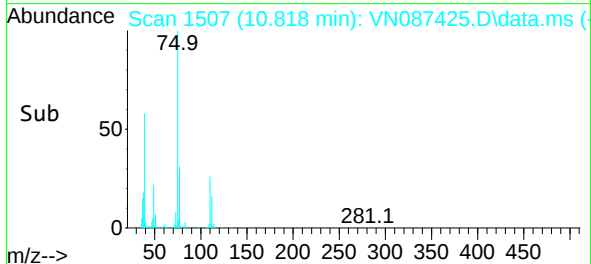
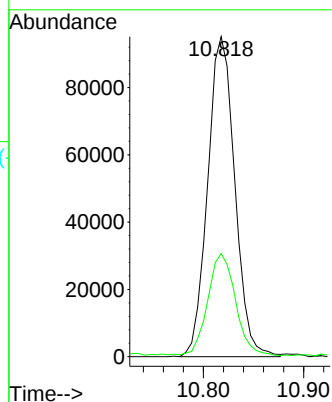
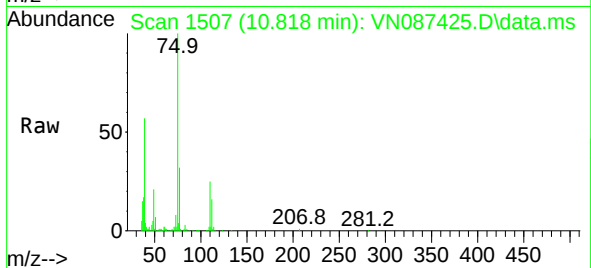




#48
 t-1,3-Dichloropropene
 Concen: 19.876 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

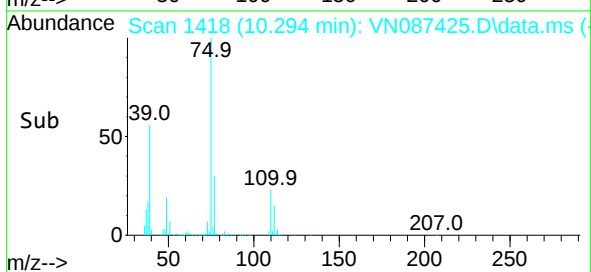
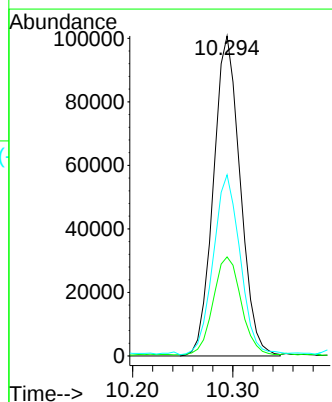
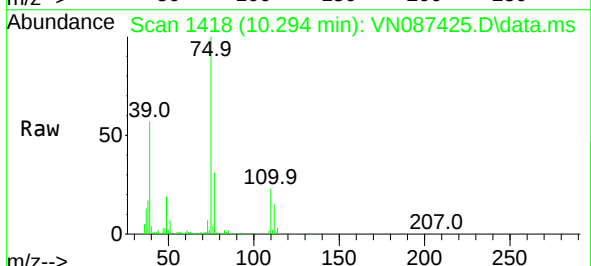
Instrument :
 MSVOA_N
 ClientSampleId :

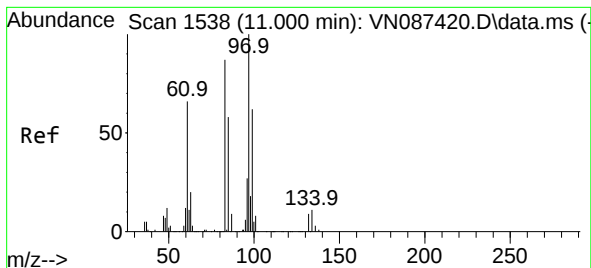
Tgt Ion: 75 Resp: 179080
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#49
 cis-1,3-Dichloropropene
 Concen: 19.764 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

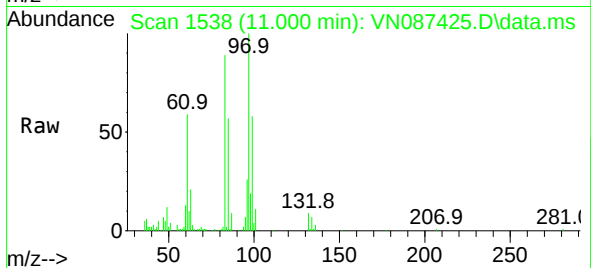
Tgt Ion: 75 Resp: 187017
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 56.2 45.0 67.4



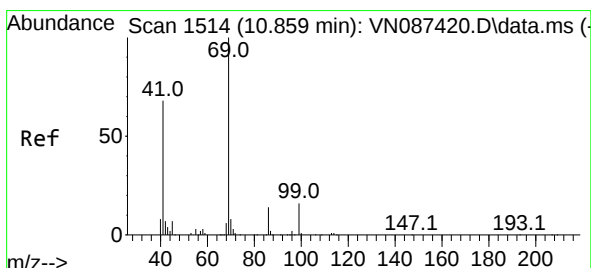
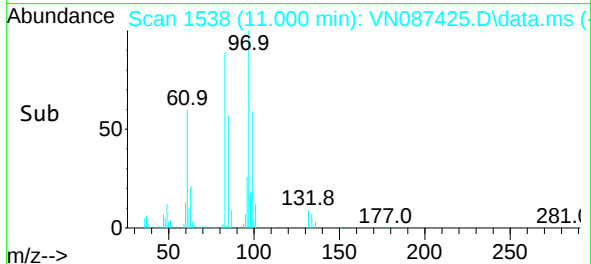
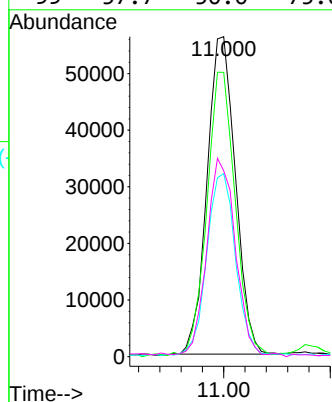


#50
1,1,2-Trichloroethane
Concen: 19.602 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

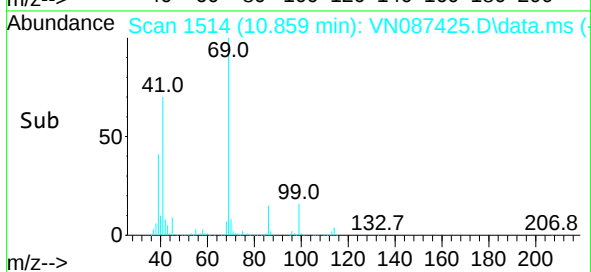
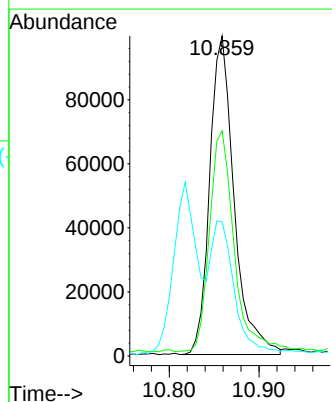
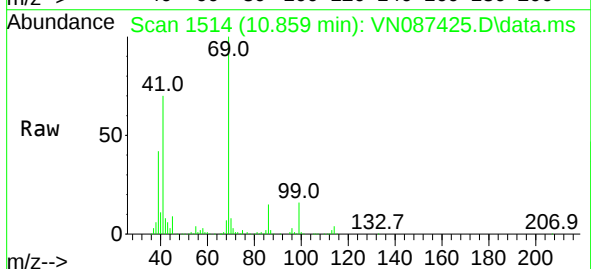


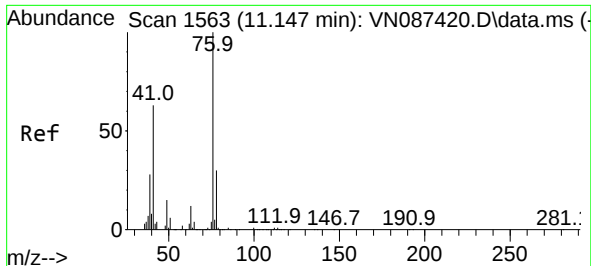
Tgt Ion: 97 Resp: 103763
Ion Ratio Lower Upper
97 100
83 88.8 70.0 105.0
85 56.9 46.2 69.2
99 57.7 50.0 75.0



#51
Ethyl methacrylate
Concen: 19.648 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

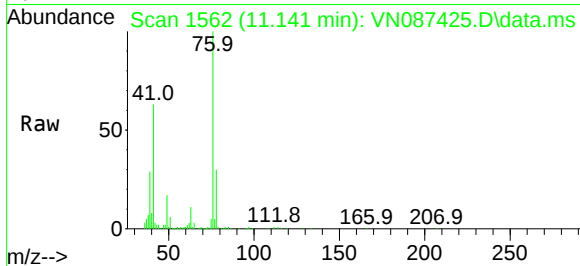
Tgt Ion: 69 Resp: 188347
Ion Ratio Lower Upper
69 100
41 69.2 33.9 101.6
39 40.5 20.3 60.9



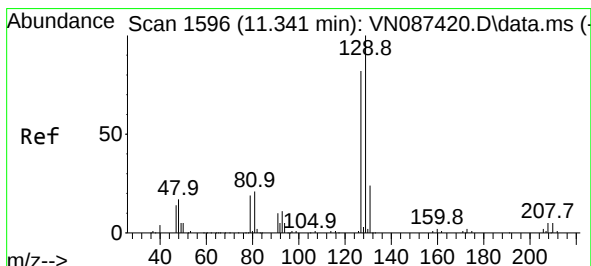
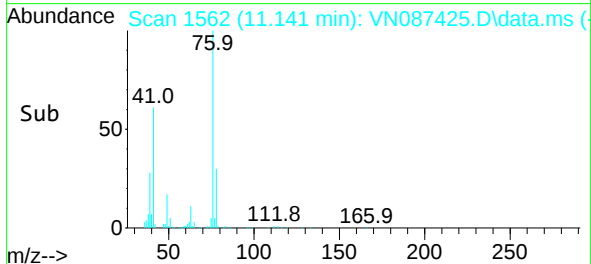
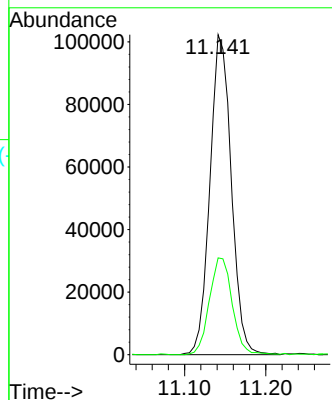


#52
1,3-Dichloropropane
Concen: 20.440 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

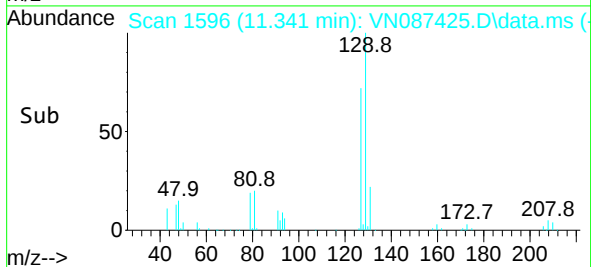
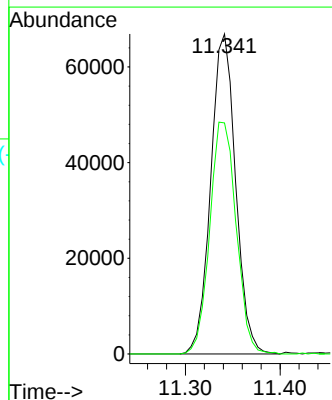
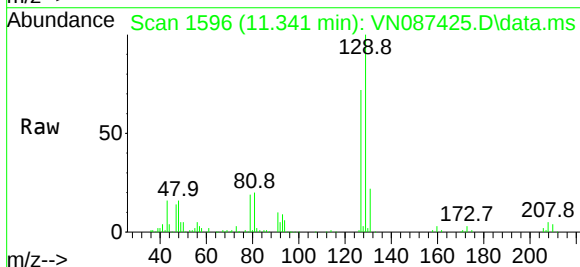


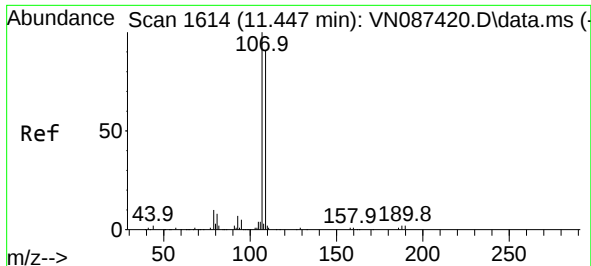
Tgt Ion: 76 Resp: 186991
Ion Ratio Lower Upper
76 100
78 31.9 0.0 67.4



#53
Dibromochloromethane
Concen: 20.124 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 129 Resp: 122186
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3

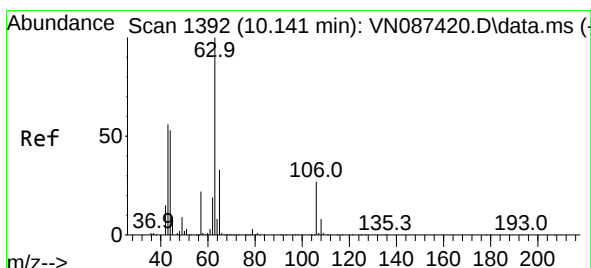
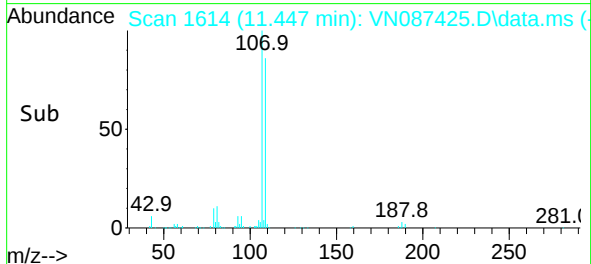
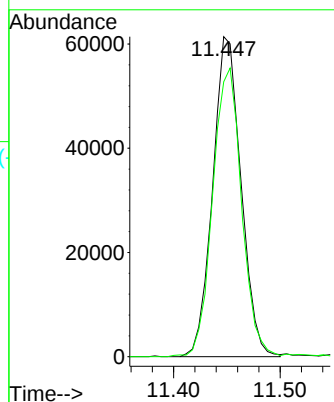
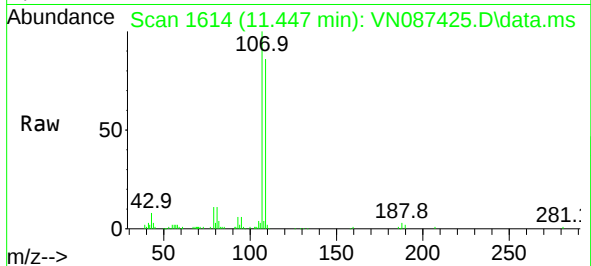




#54
1,2-Dibromoethane
Concen: 20.347 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

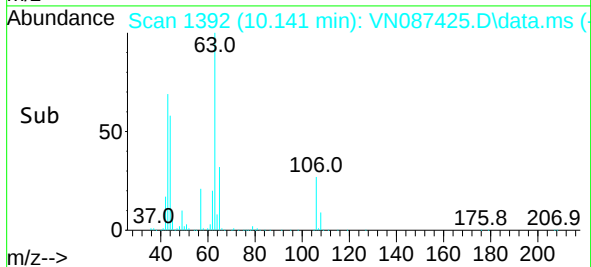
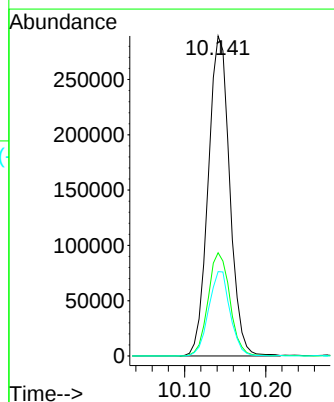
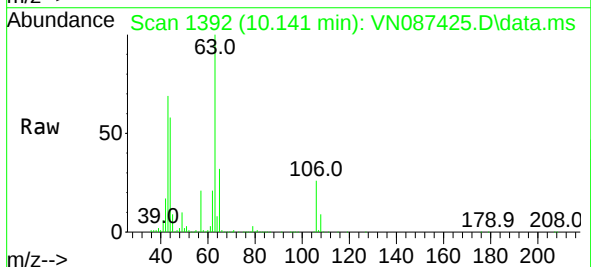
Instrument :
MSVOA_N
ClientSampleId :

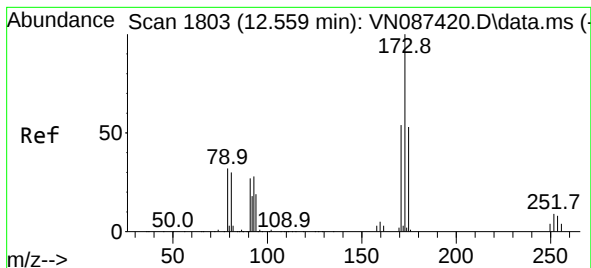
Tgt Ion:107 Resp: 113325
Ion Ratio Lower Upper
107 100
109 91.8 73.9 110.9



#55
2-Chloroethyl vinyl ether
Concen: 134.997 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

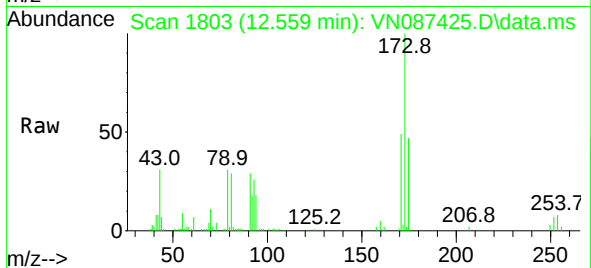
Tgt Ion: 63 Resp: 532083
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 26.3 21.3 31.9



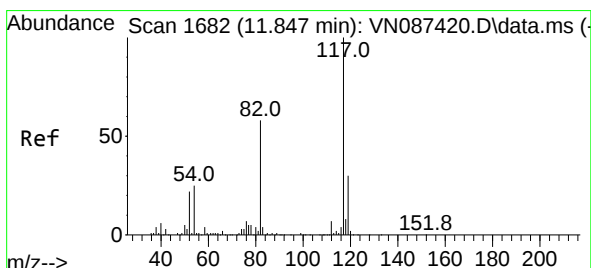
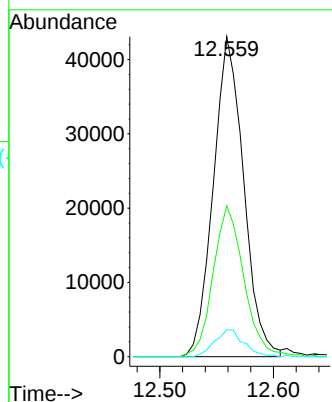
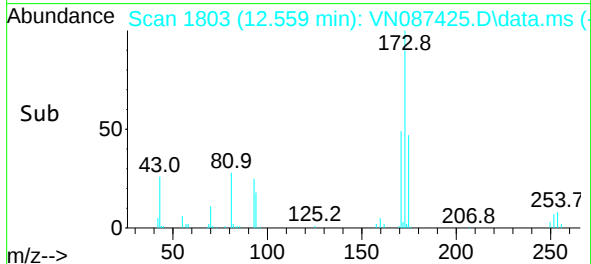


#56
Bromoform
Concen: 18.736 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :

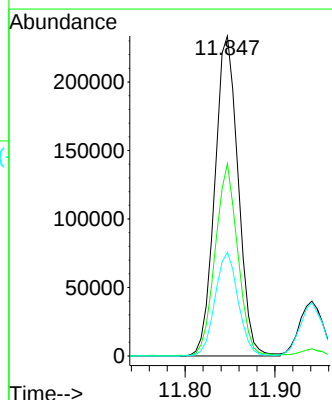
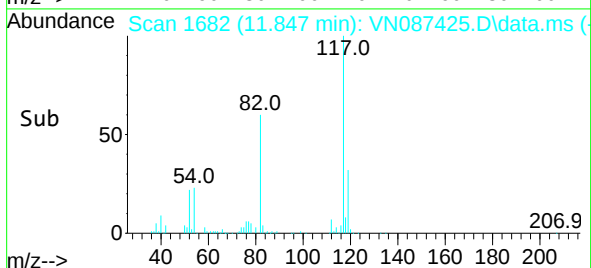
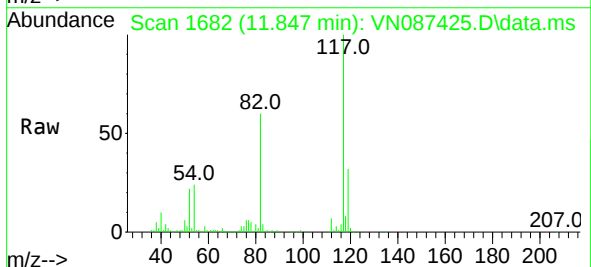


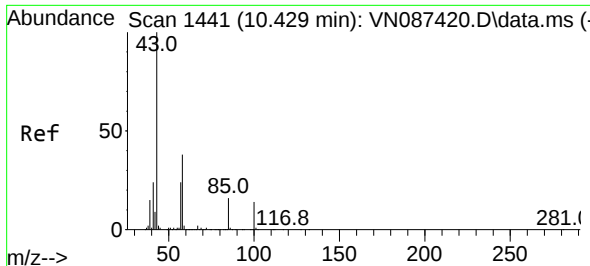
Tgt Ion:173 Resp: 79829
Ion Ratio Lower Upper
173 100
175 47.8 38.4 57.6
254 8.1 6.4 9.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

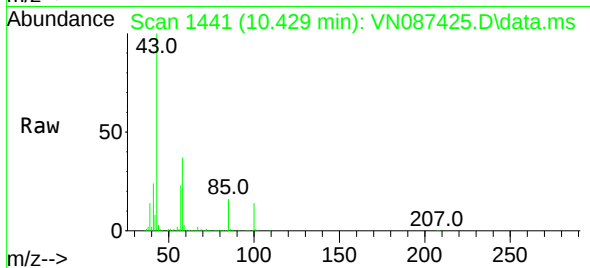
Tgt Ion:117 Resp: 422479
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.0 25.7 38.5





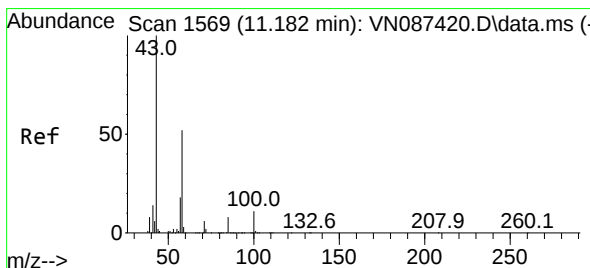
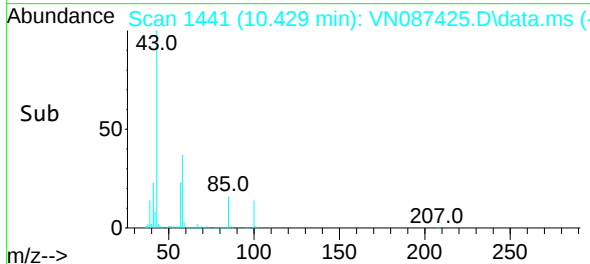
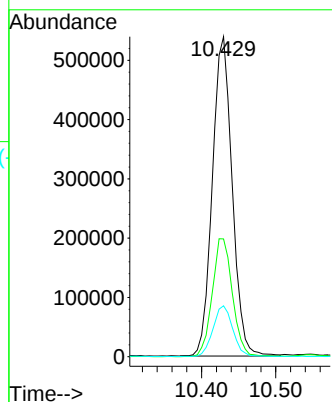
#58
4-Methyl-2-Pentanone
Concen: 105.229 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1001381

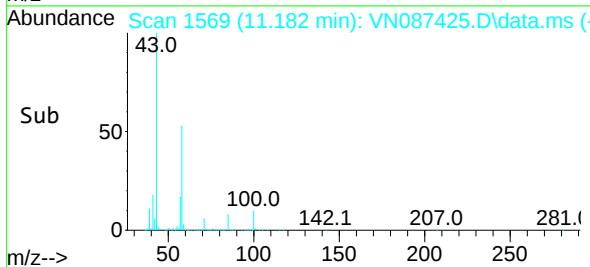
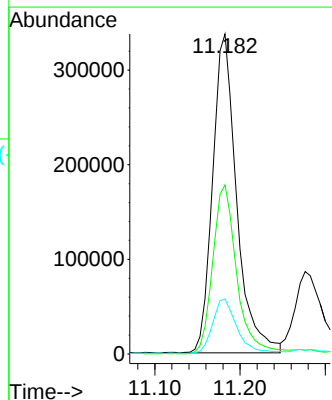
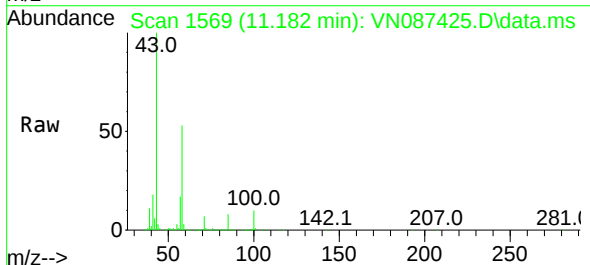
Ion	Ratio	Lower	Upper
43	100		
58	37.6	29.9	44.9
85	15.9	12.8	19.2

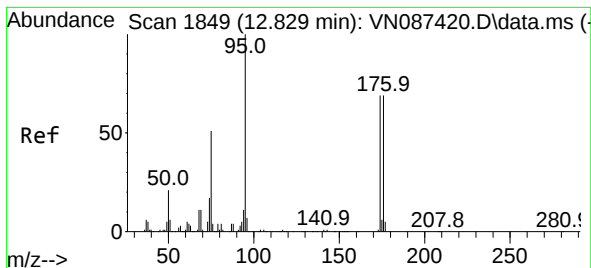


#59
2-Hexanone
Concen: 100.286 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 43 Resp: 661366

Ion	Ratio	Lower	Upper
43	100		
58	52.7	42.2	63.2
57	17.4	14.3	21.5

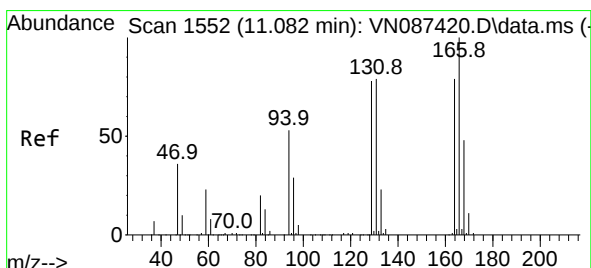
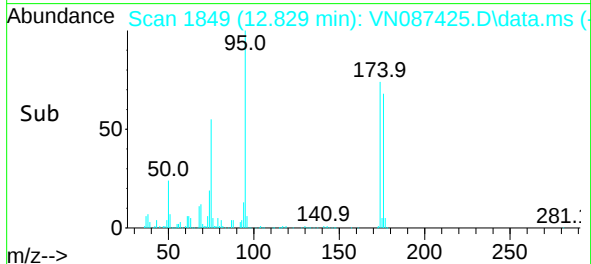
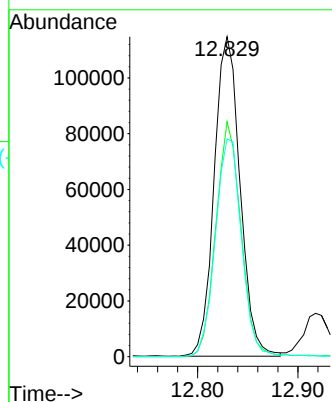
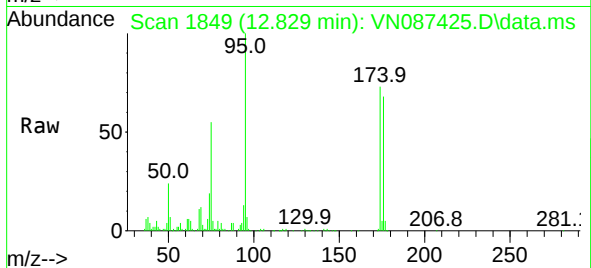




#60
4-Bromofluorobenzene
Concen: 29.605 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

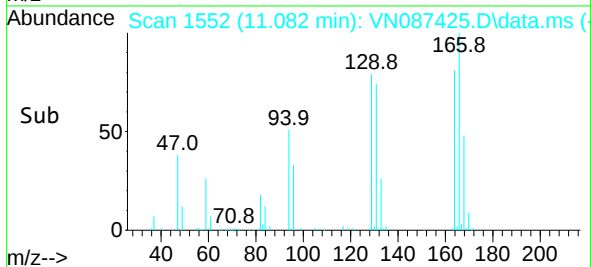
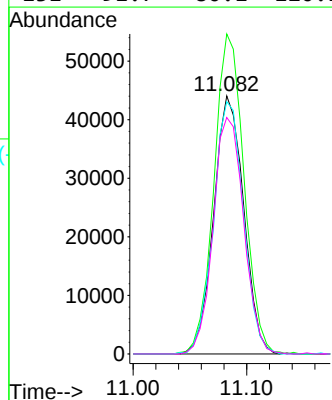
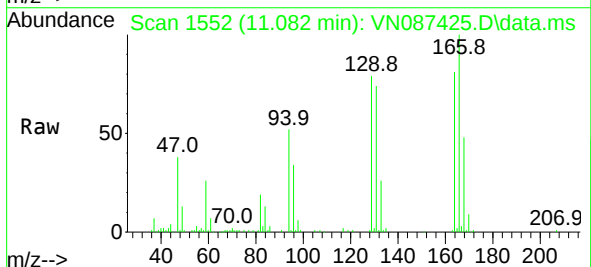
Instrument :
MSVOA_N
ClientSampleId :

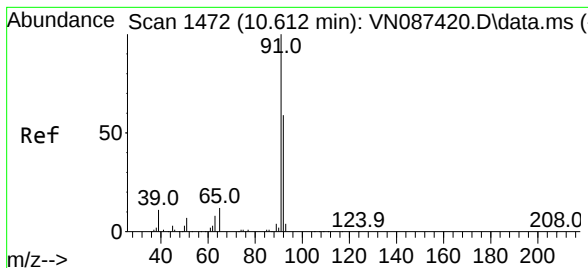
Tgt Ion: 95 Resp: 205393
Ion Ratio Lower Upper
95 100
174 71.3 57.8 86.8
176 68.9 54.9 82.3



#61
Tetrachloroethene
Concen: 20.141 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion:164 Resp: 80787
Ion Ratio Lower Upper
164 100
166 123.4 101.8 152.8
129 97.8 79.8 119.8
131 91.7 80.1 120.1





#62

Toluene

Concen: 20.305 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

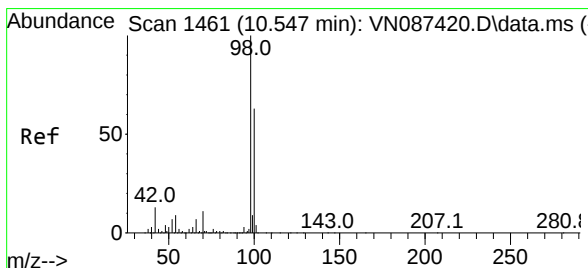
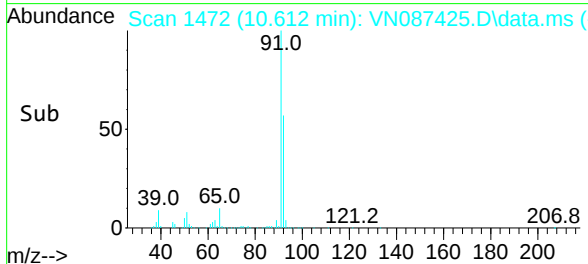
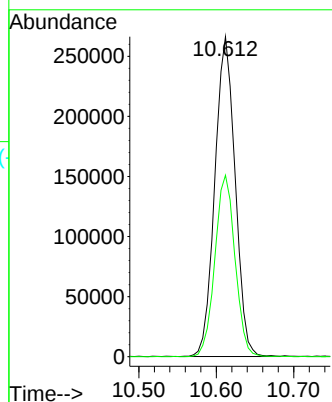
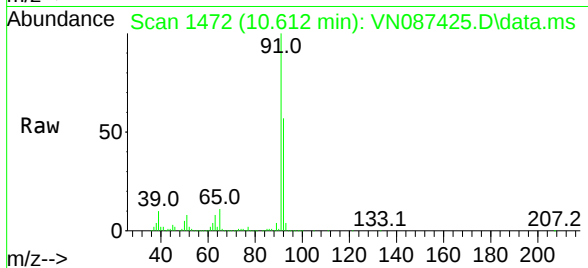
ClientSampleId :

Tgt Ion: 91 Resp: 484125

Ion Ratio Lower Upper

91 100

92 56.3 45.6 68.4



#63

Toluene-d8

Concen: 30.352 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087425.D

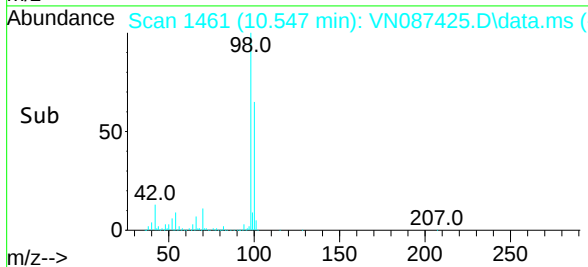
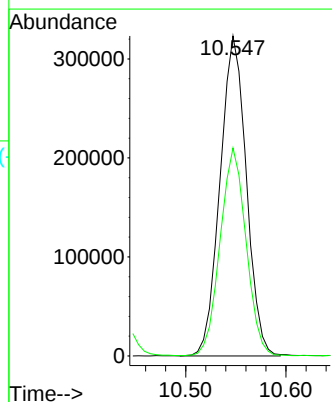
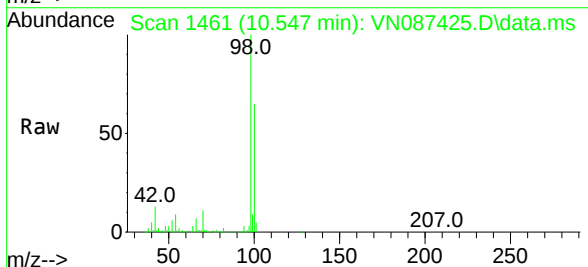
Acq: 28 Jul 2025 11:54

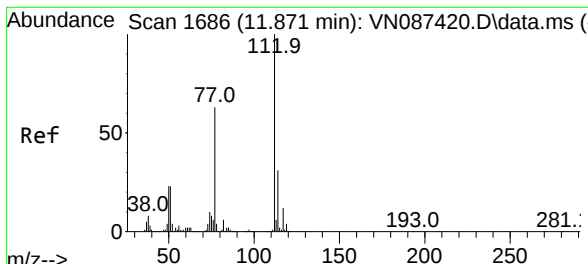
Tgt Ion: 98 Resp: 588887

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1

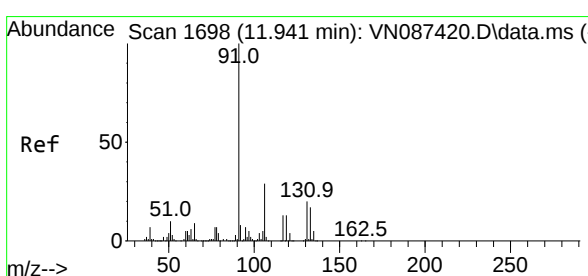
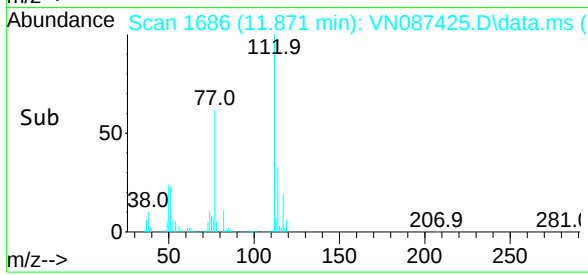
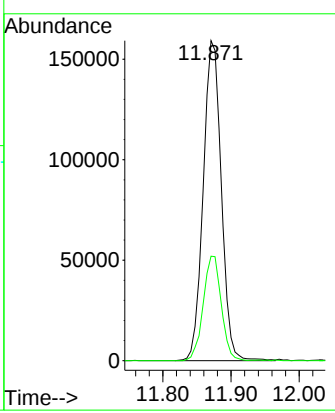
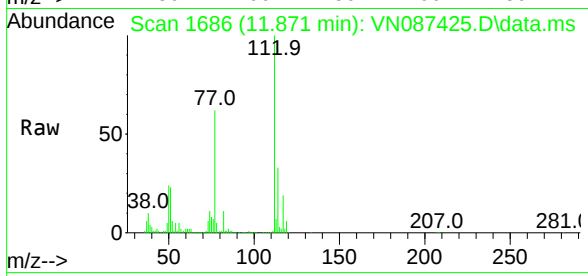




#64
 Chlorobenzene
 Concen: 20.060 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

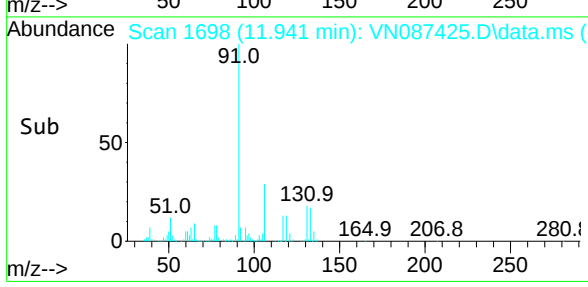
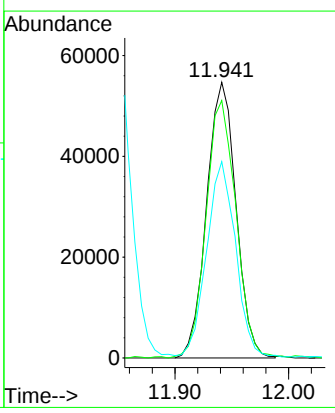
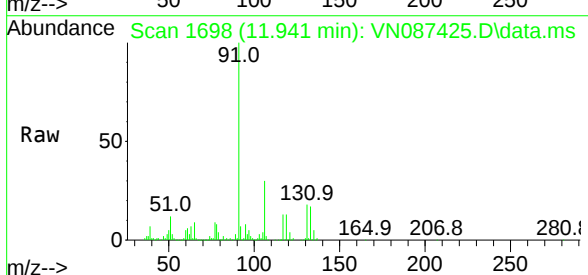
Instrument :
 MSVOA_N
 ClientSampleId :

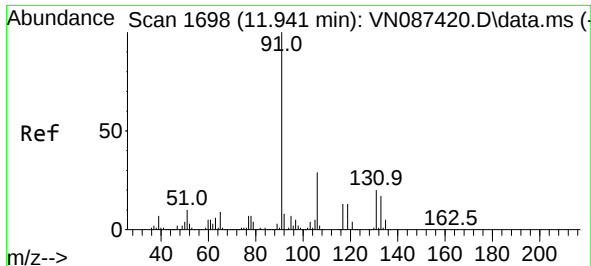
Tgt Ion:	112	Resp:	294136
Ion Ratio	Lower	Upper	
112	100		
114	32.7	25.2	37.8



#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.787 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

Tgt Ion:	131	Resp:	98384
Ion Ratio	Lower	Upper	
131	100		
133	95.1	0.0	184.2
119	70.7	0.0	136.4

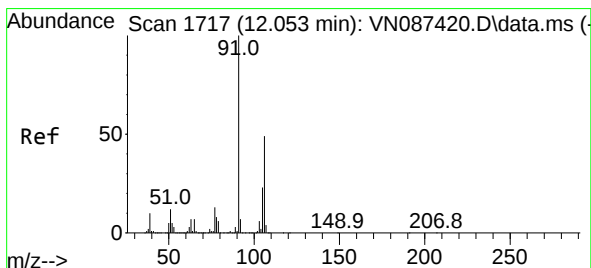
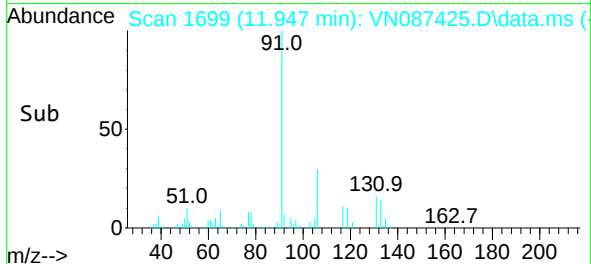
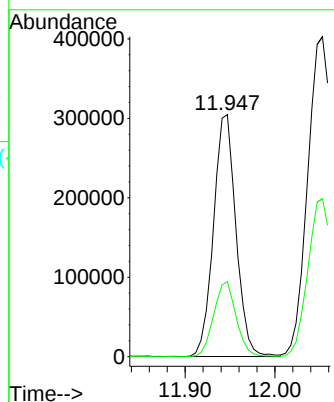
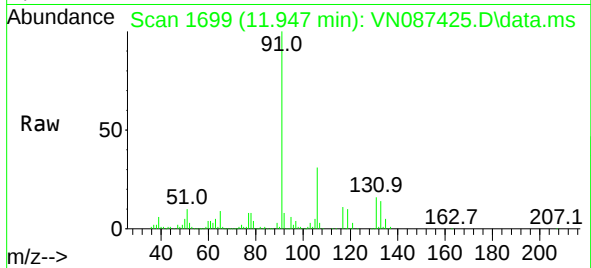




#66
Ethyl Benzene
Concen: 20.304 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

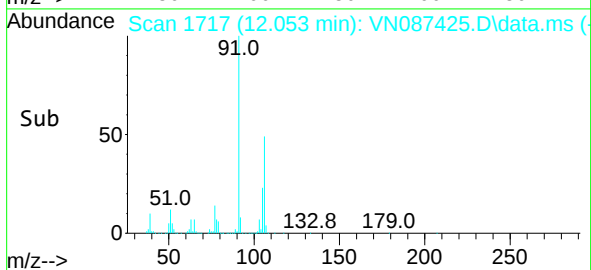
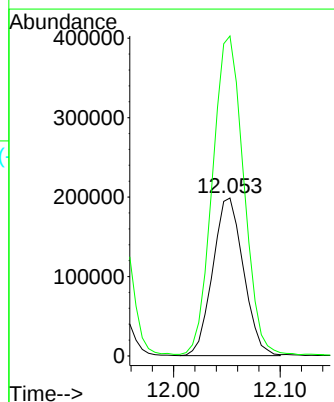
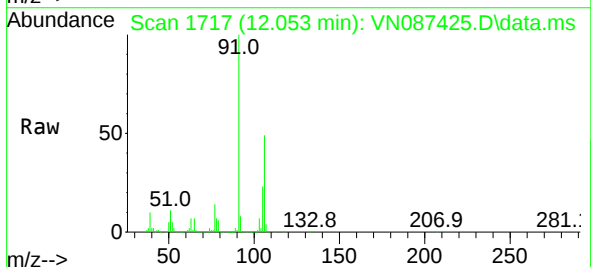
Instrument :
MSVOA_N
ClientSampleId :

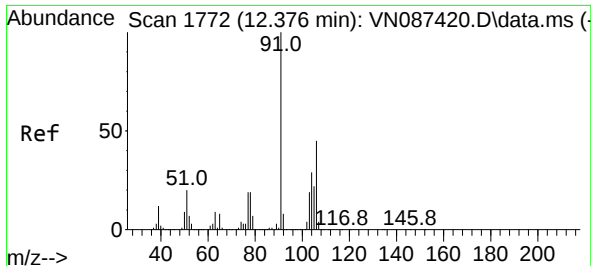
Tgt Ion: 91 Resp: 528930
Ion Ratio Lower Upper
91 100
106 31.1 23.6 35.4



#67
m/p-Xylenes
Concen: 40.681 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion:106 Resp: 397076
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.2

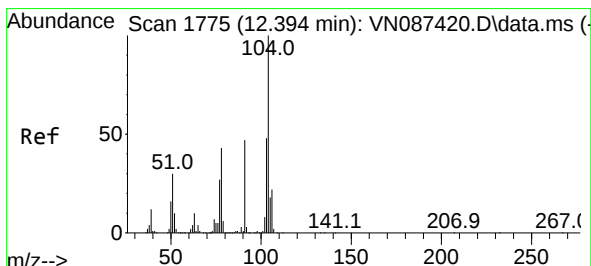
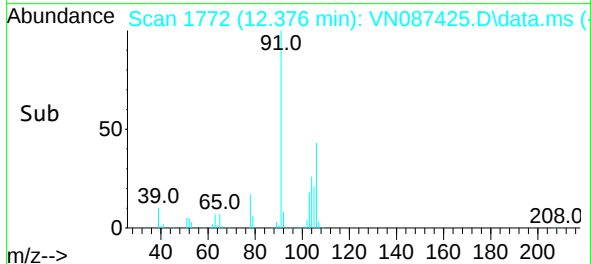
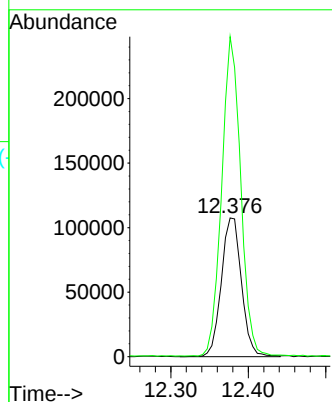
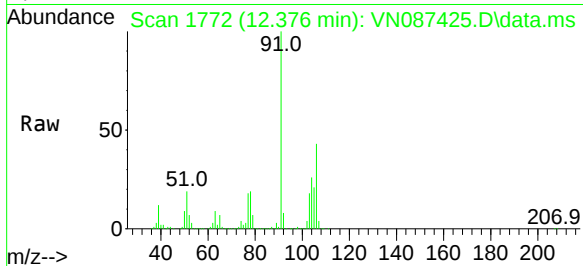




#68
o-Xylene
Concen: 20.365 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

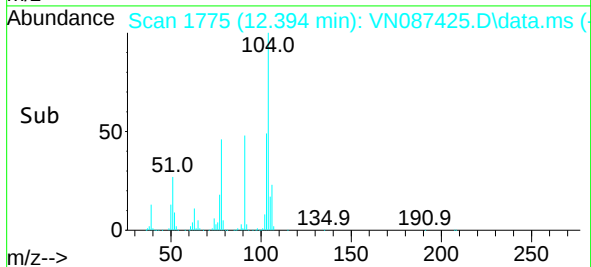
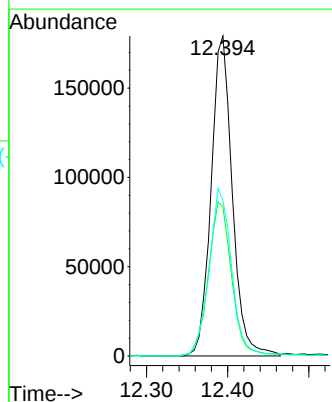
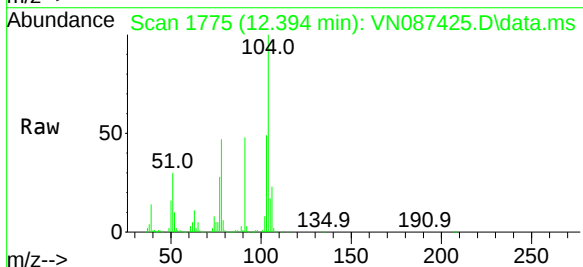
Instrument :
MSVOA_N
ClientSampleId :

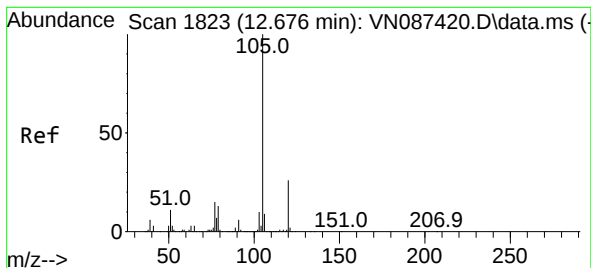
Tgt Ion:106 Resp: 194519
Ion Ratio Lower Upper
106 100
91 217.2 106.9 320.8



#69
Styrene
Concen: 19.925 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion:104 Resp: 325533
Ion Ratio Lower Upper
104 100
78 52.5 40.6 60.8
103 55.4 43.8 65.8





#70

Isopropylbenzene

Concen: 20.135 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

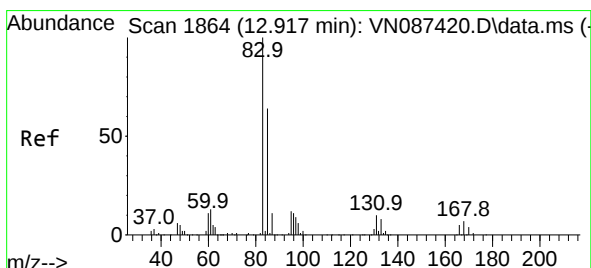
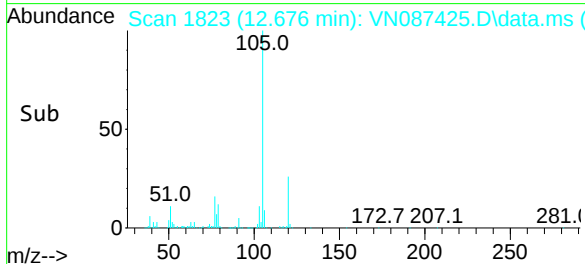
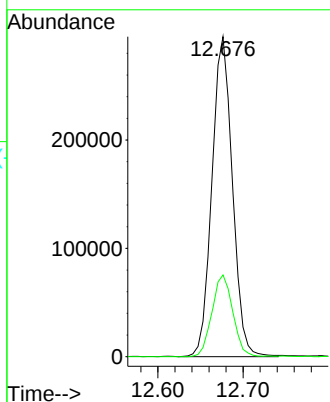
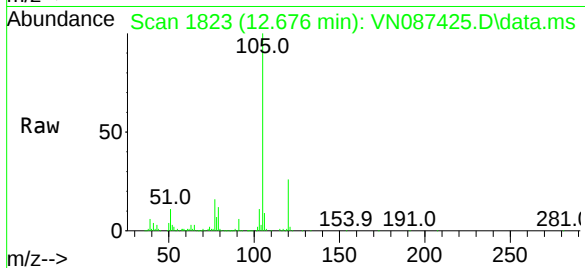
ClientSampleId :

Tgt Ion:105 Resp: 493913

Ion Ratio Lower Upper

105 100

120 25.9 18.1 33.5



#71

1,1,2,2-Tetrachloroethane

Concen: 20.522 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

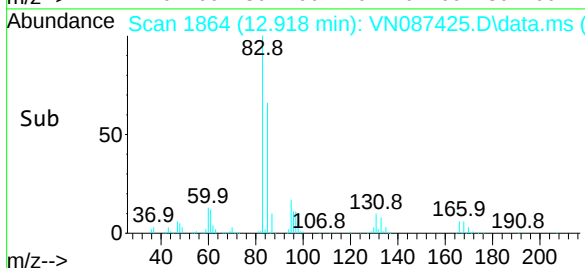
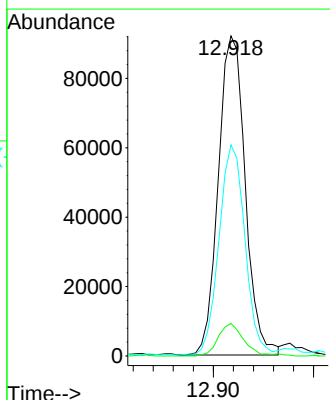
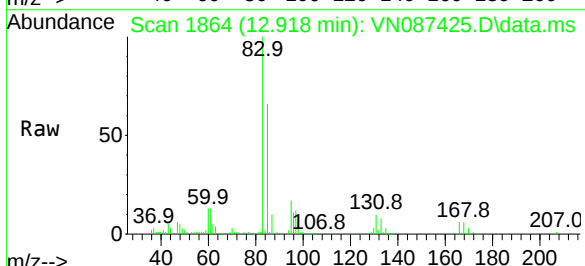
Tgt Ion: 83 Resp: 171651

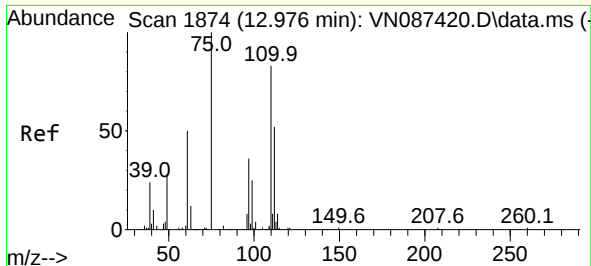
Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

85 62.9 32.7 98.1

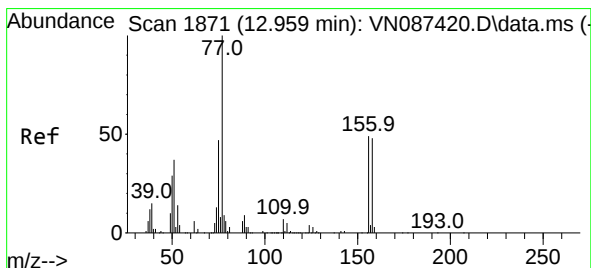
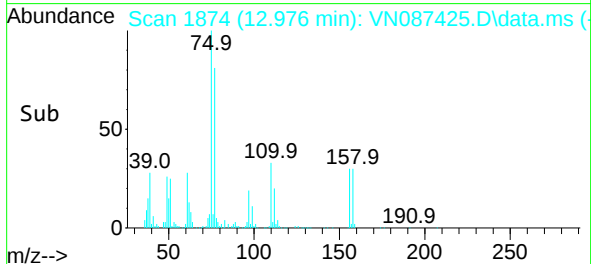
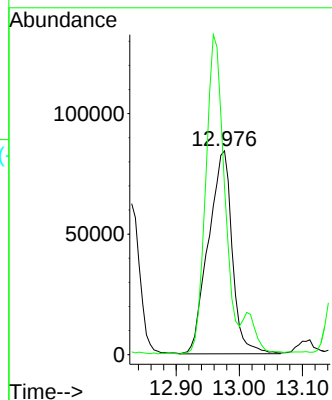
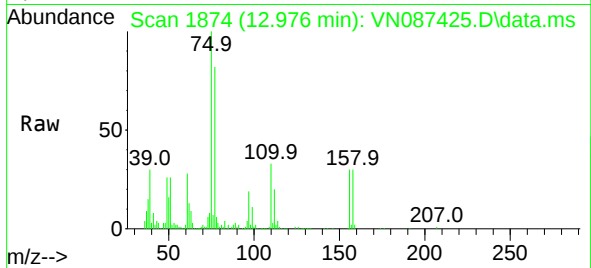




#72
1,2,3-Trichloropropane
Concen: 28.973 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

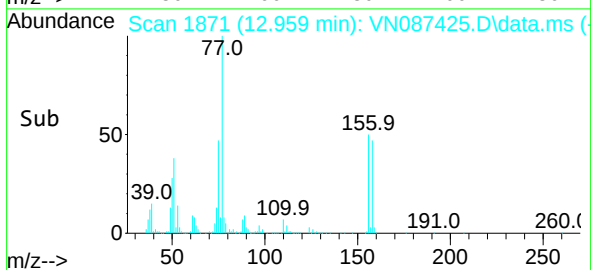
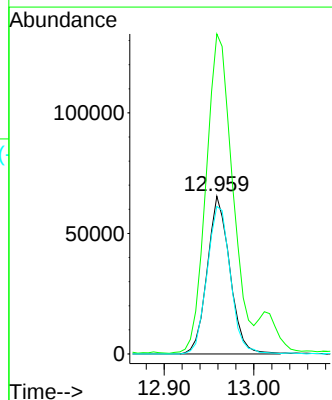
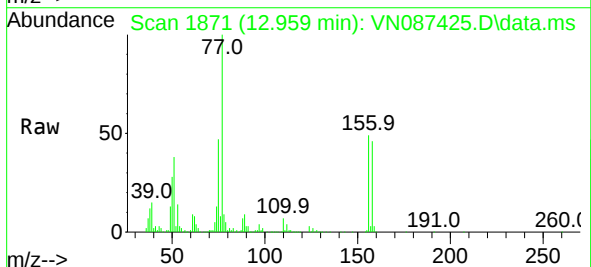
Instrument :
MSVOA_N
ClientSampleId :

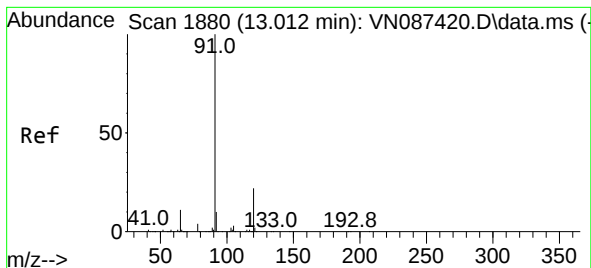
Tgt Ion: 75 Resp: 220436
Ion Ratio Lower Upper
75 100
77 123.3 0.0 322.6



#73
Bromobenzene
Concen: 20.138 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 156 Resp: 114772
Ion Ratio Lower Upper
156 100
77 236.8 0.0 483.0
158 96.1 0.0 195.0





#74

n-propylbenzene

Concen: 20.081 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

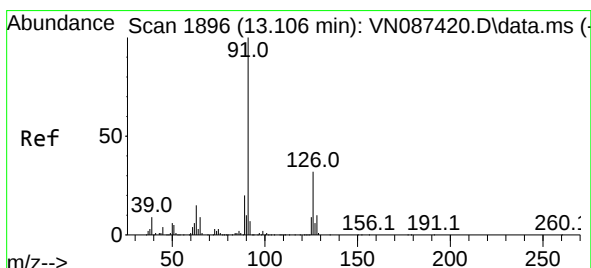
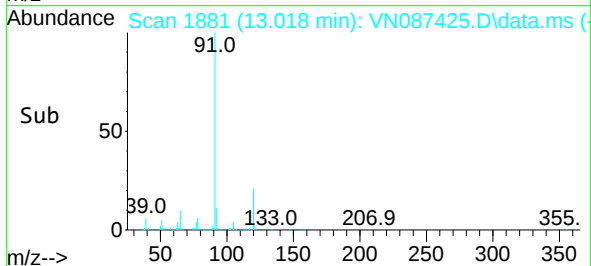
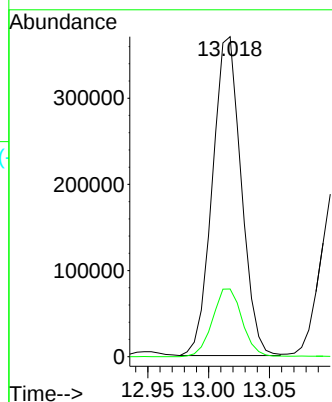
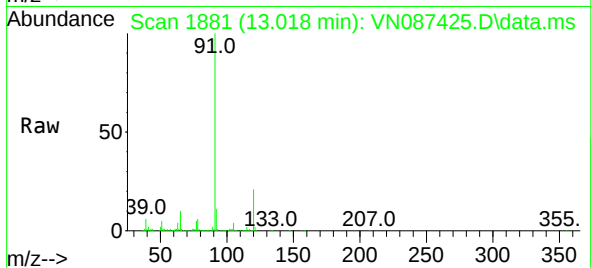
ClientSampleId :

Tgt Ion: 91 Resp: 608183

Ion Ratio Lower Upper

91 100

120 21.9 0.0 44.0



#75

2-Chlorotoluene

Concen: 20.229 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VN087425.D

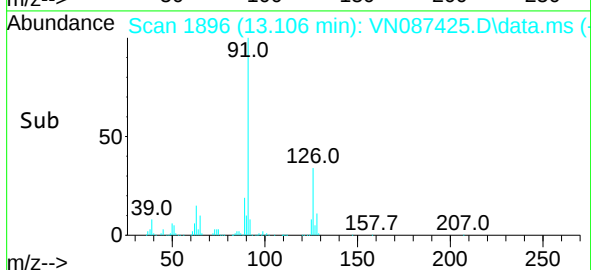
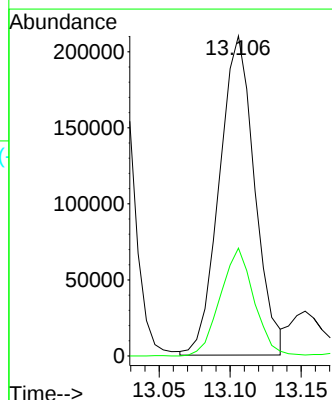
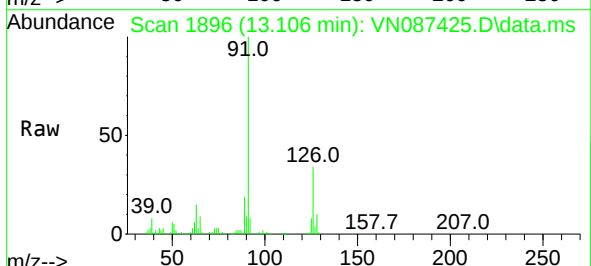
Acq: 28 Jul 2025 11:54

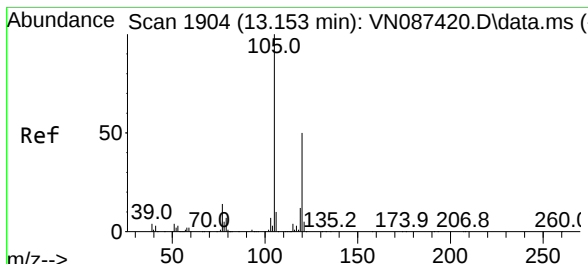
Tgt Ion: 91 Resp: 363593

Ion Ratio Lower Upper

91 100

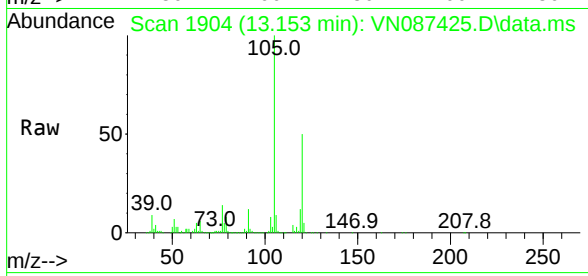
126 32.3 0.0 64.4





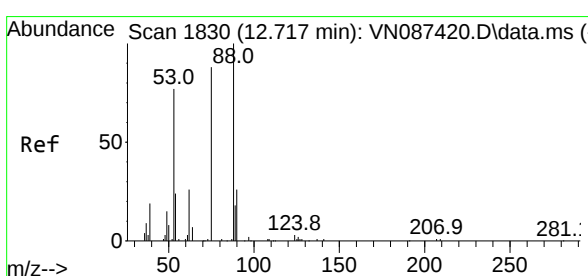
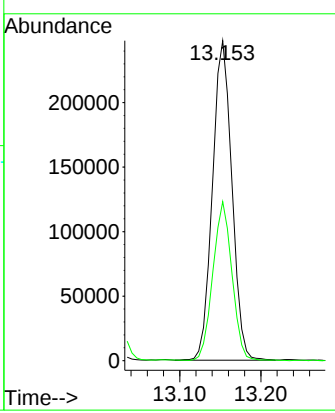
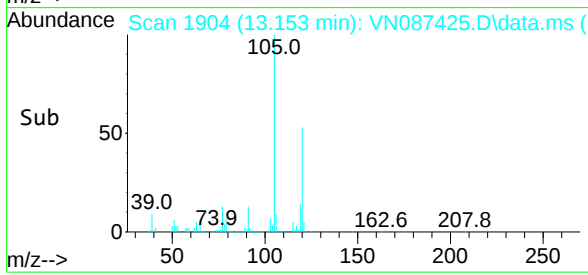
#76
 1,3,5-Trimethylbenzene
 Concen: 20.279 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

Instrument :
 MSVOA_N
 ClientSampleId :

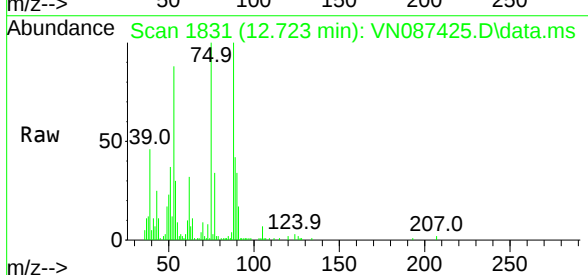


Tgt Ion: 105 Resp: 412100

Ion	Ratio	Lower	Upper
105	100		
120	49.1	0.0	97.0

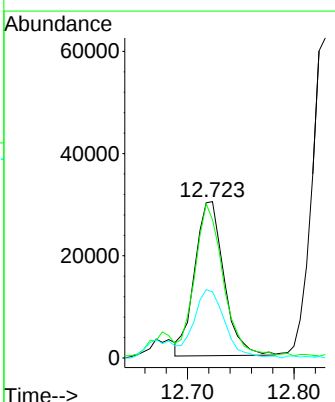
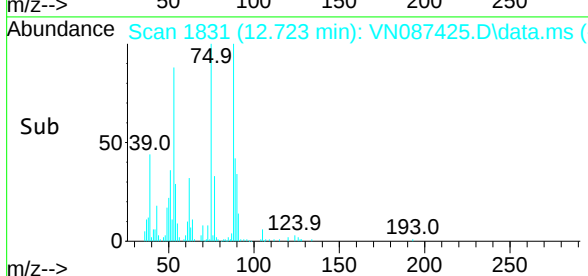


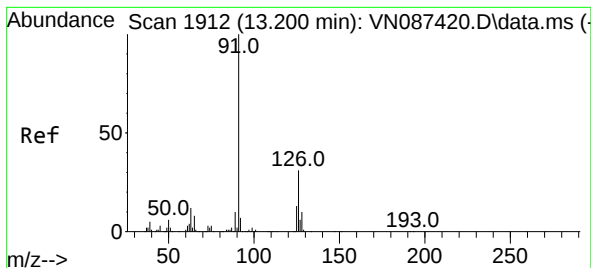
#77
 t-1,4-Dichloro-2-butene
 Concen: 17.839 ug/l
 RT: 12.723 min Scan# 1831
 Delta R.T. 0.006 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54



Tgt Ion: 75 Resp: 57594

Ion	Ratio	Lower	Upper
75	100		
53	88.5	44.3	132.8
89	42.0	22.4	67.3

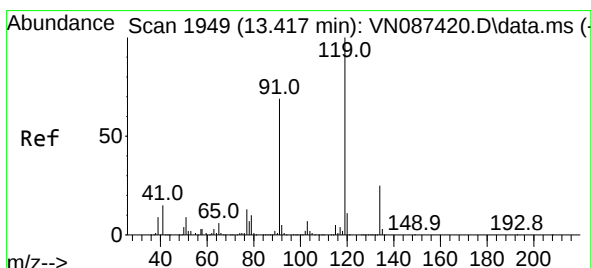
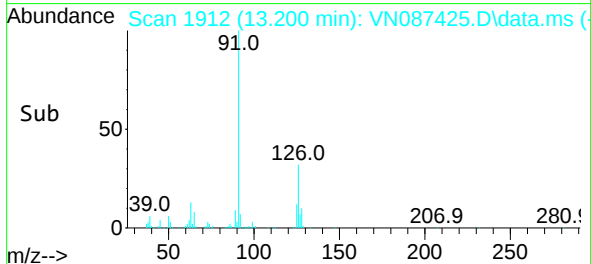
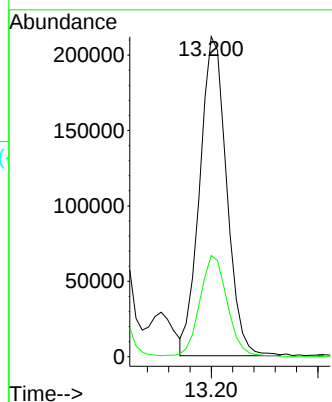
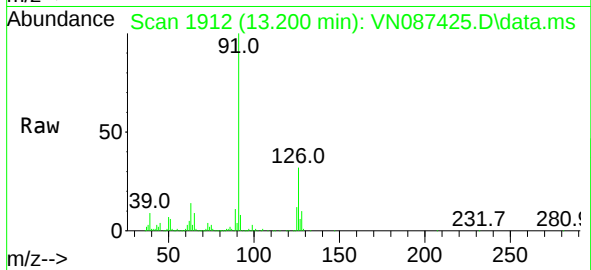




#78
4-Chlorotoluene
Concen: 20.106 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

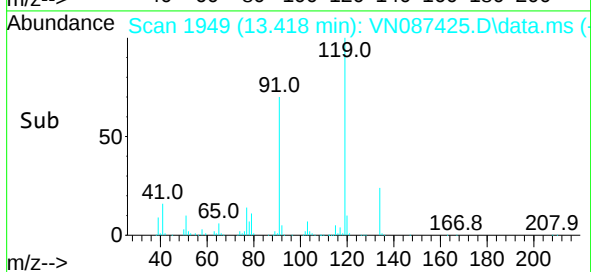
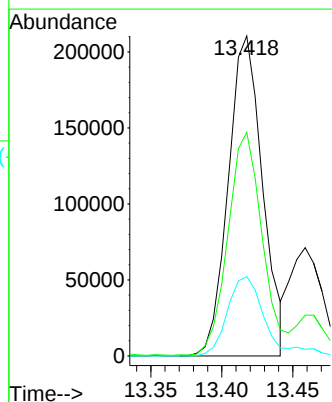
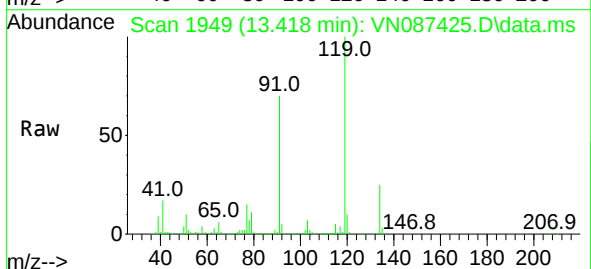
Instrument :
MSVOA_N
ClientSampleId :

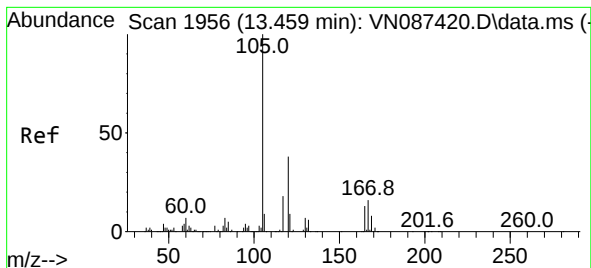
Tgt Ion: 91 Resp: 371100
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.4



#79
tert-butylbenzene
Concen: 20.153 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion: 119 Resp: 353799
Ion Ratio Lower Upper
119 100
91 69.7 0.0 135.4
134 25.4 0.0 49.2





#80

1,2,4-Trimethylbenzene

Concen: 20.210 ug/l

RT: 13.465 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

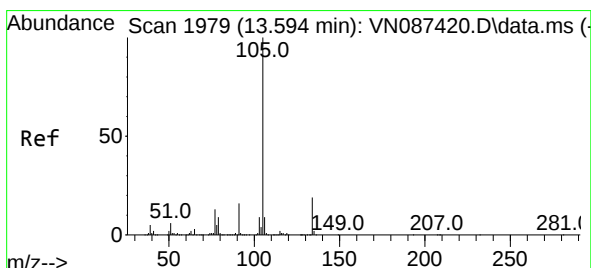
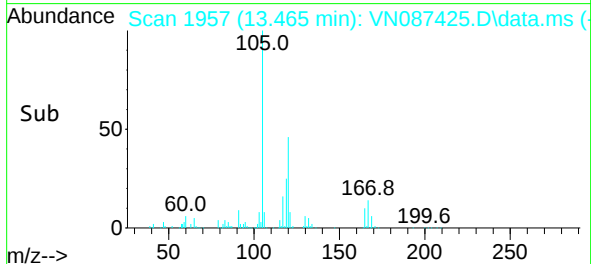
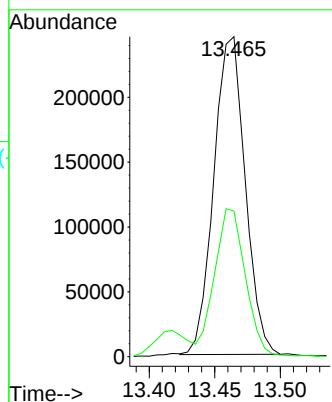
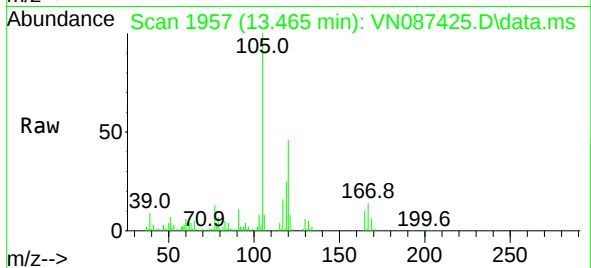
ClientSampleId :

Tgt Ion:105 Resp: 407528

Ion Ratio Lower Upper

105 100

120 45.7 0.0 88.6



#81

sec-Butylbenzene

Concen: 20.327 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087425.D

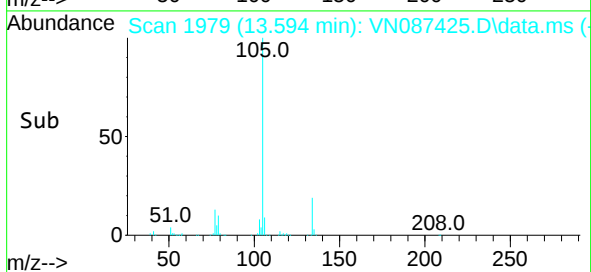
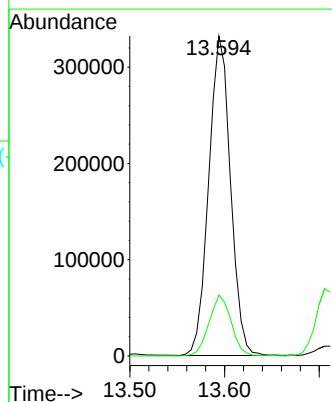
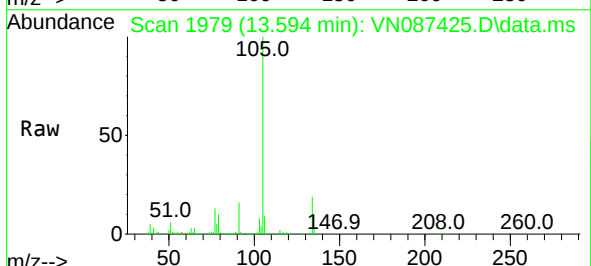
Acq: 28 Jul 2025 11:54

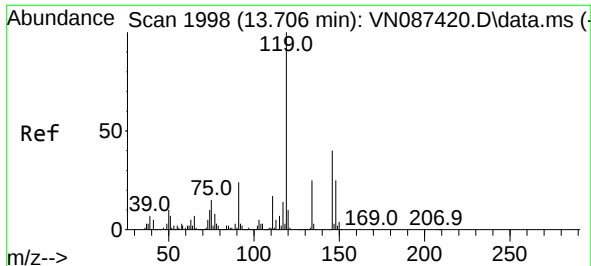
Tgt Ion:105 Resp: 530069

Ion Ratio Lower Upper

105 100

134 19.4 0.0 39.0

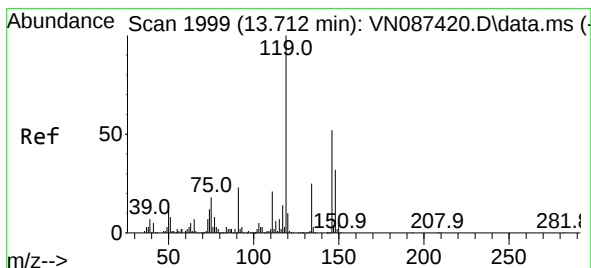
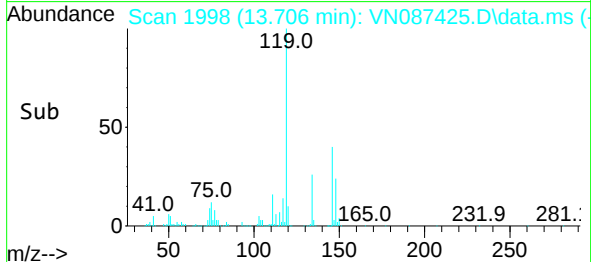
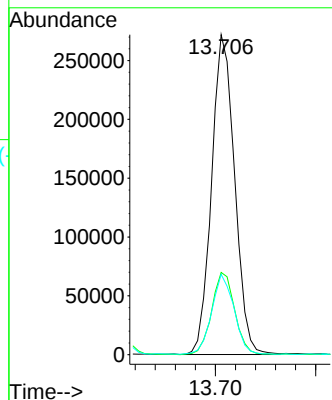
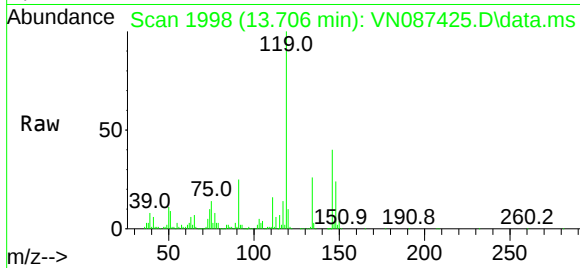




#82
p-Isopropyltoluene
Concen: 20.514 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

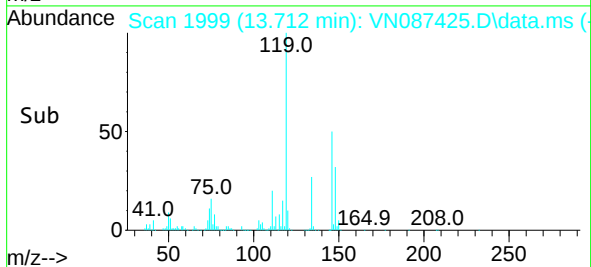
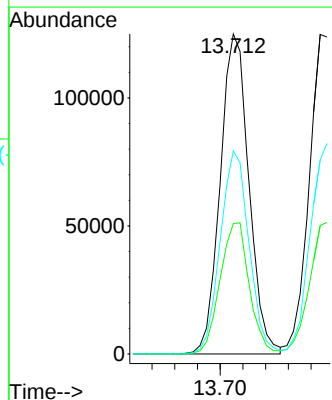
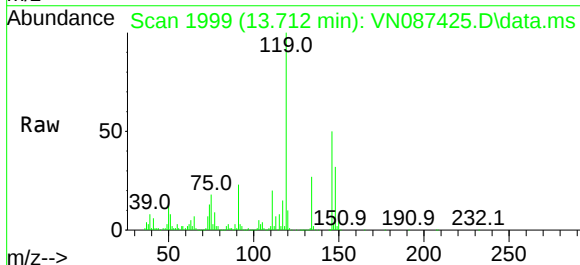
Instrument :
MSVOA_N
ClientSampleId :

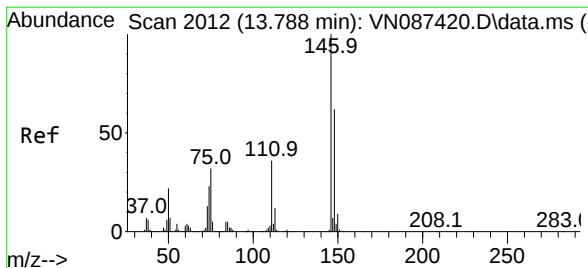
Tgt Ion:119 Resp: 434188
Ion Ratio Lower Upper
119 100
134 25.8 0.0 50.8
91 24.1 0.0 47.6



#83
1,3-Dichlorobenzene
Concen: 20.300 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion:146 Resp: 218956
Ion Ratio Lower Upper
146 100
111 41.9 19.9 59.7
148 63.7 31.9 95.5





#84

1,4-Dichlorobenzene

Concen: 20.116 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

Instrument :

MSVOA_N

ClientSampleId :

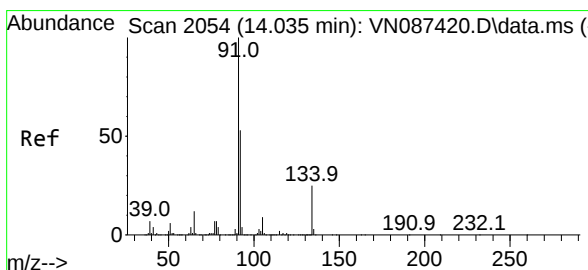
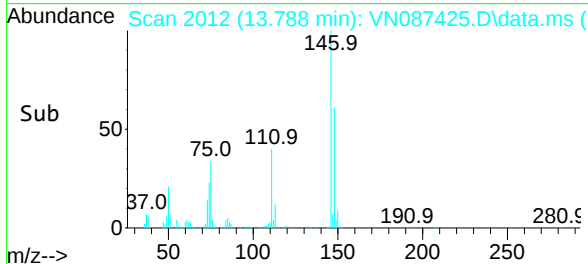
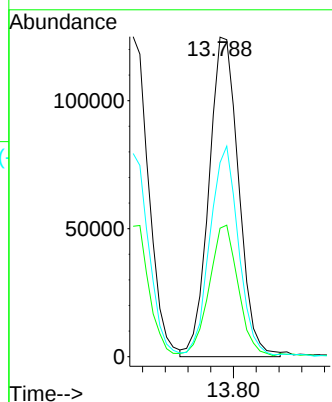
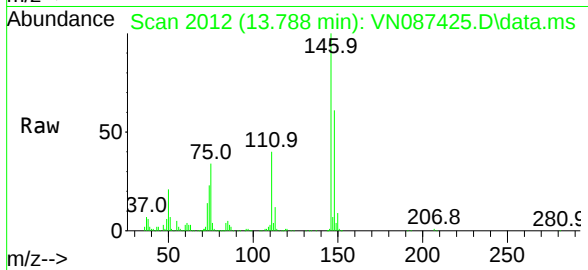
Tgt Ion:146 Resp: 226886

Ion Ratio Lower Upper

146 100

111 40.1 19.1 57.3

148 63.1 31.4 94.2



#85

n-Butylbenzene

Concen: 20.341 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087425.D

Acq: 28 Jul 2025 11:54

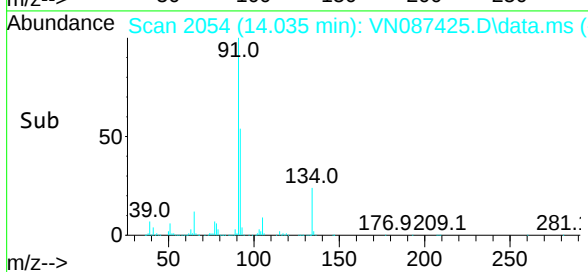
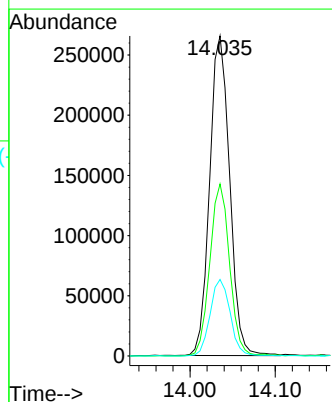
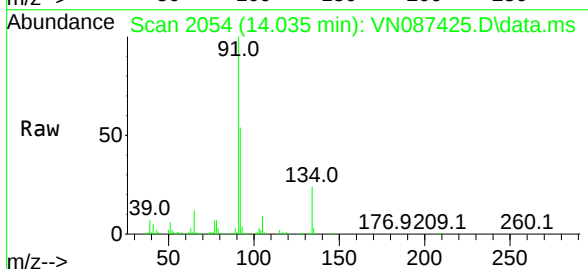
Tgt Ion: 91 Resp: 433599

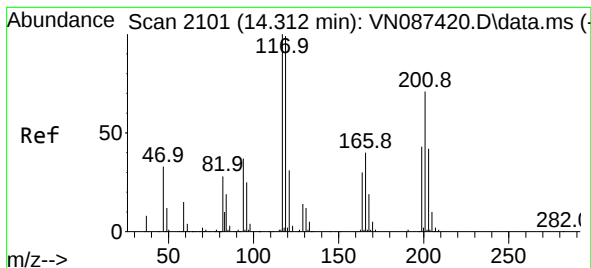
Ion Ratio Lower Upper

91 100

92 52.9 0.0 104.8

134 23.9 0.0 49.0

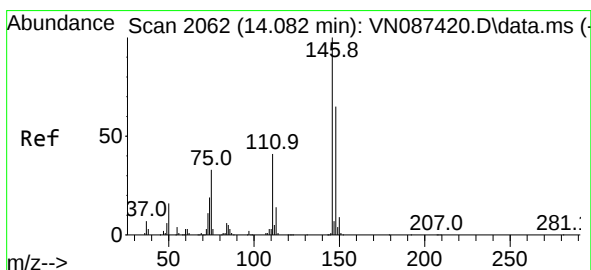
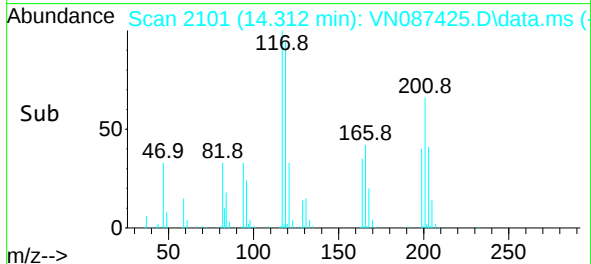
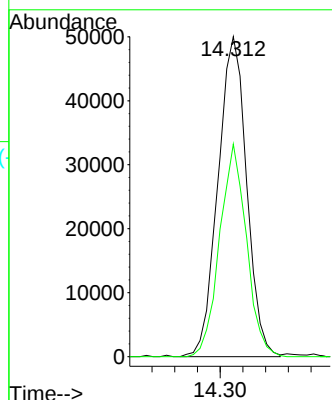
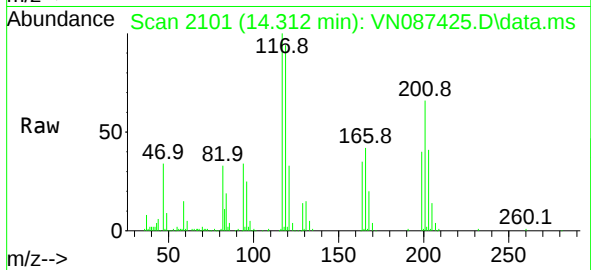




#86
Hexachloroethane
Concen: 20.374 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

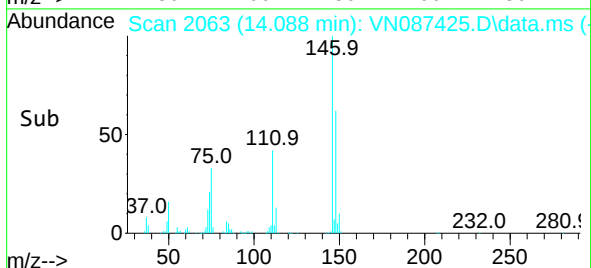
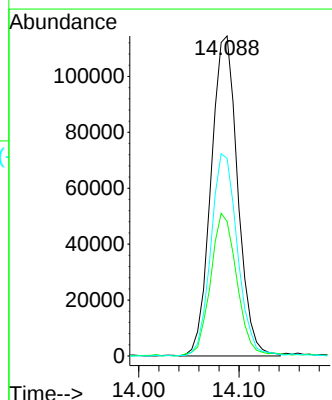
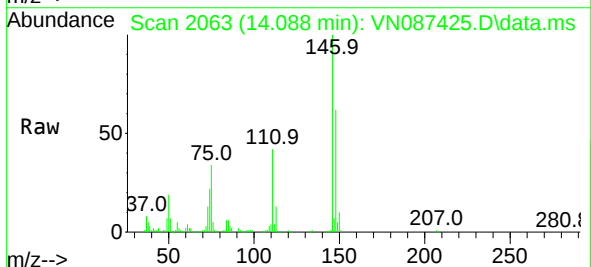
Instrument :
MSVOA_N
ClientSampleId :

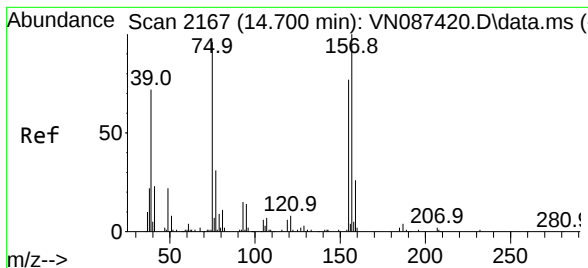
Tgt Ion:117 Resp: 87580
Ion Ratio Lower Upper
117 100
201 62.3 32.7 98.1



#87
1,2-Dichlorobenzene
Concen: 20.189 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Tgt Ion:146 Resp: 211678
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.9
148 62.8 32.5 97.5

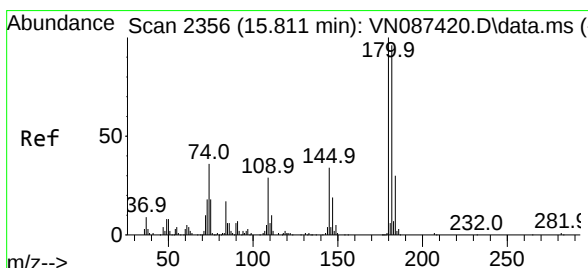
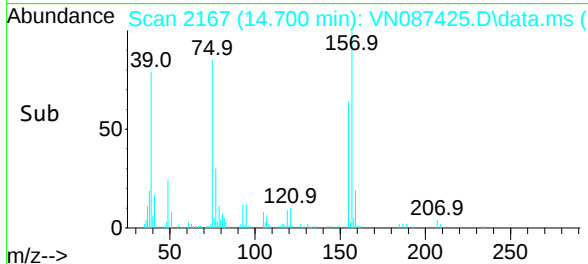
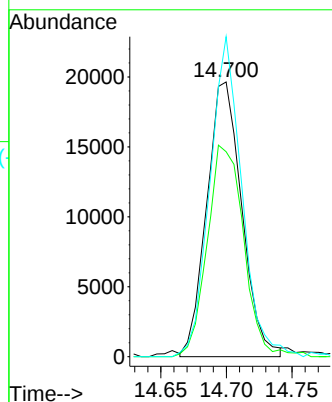
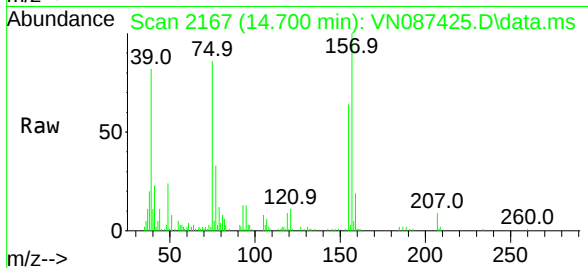




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.943 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

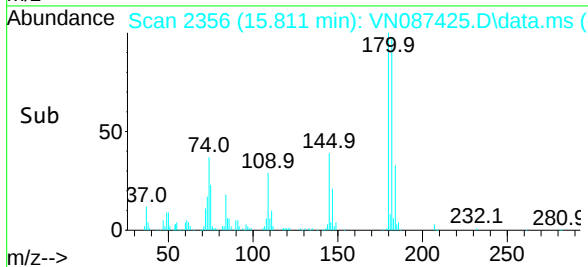
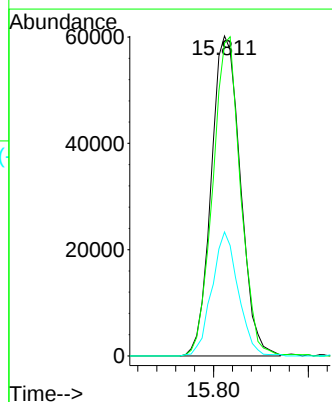
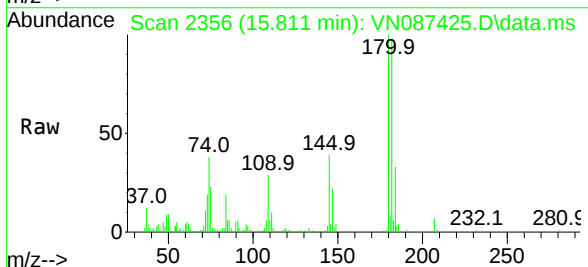
Instrument :
 MSVOA_N
 ClientSampleId :

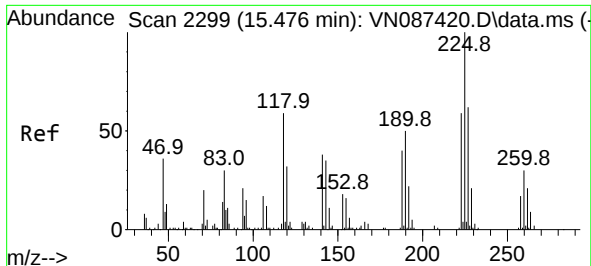
Tgt Ion: 75 Resp: 36571
 Ion Ratio Lower Upper
 75 100
 155 78.5 64.4 96.6
 157 105.9 82.3 123.5



#89
 1,2,4-Trichlorobenzene
 Concen: 20.050 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087425.D
 Acq: 28 Jul 2025 11:54

Tgt Ion:180 Resp: 128222
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.7 112.1
 145 35.0 27.4 41.2

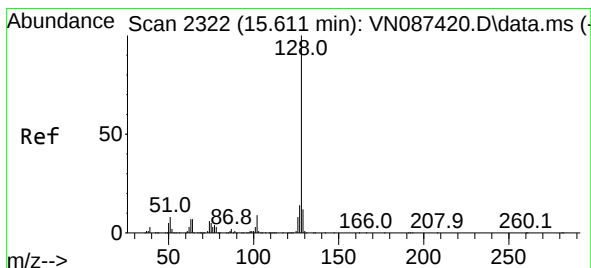
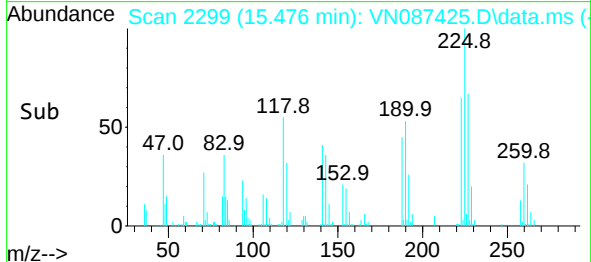
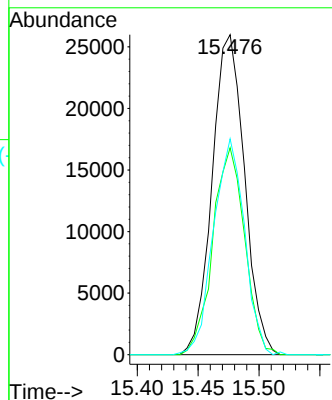
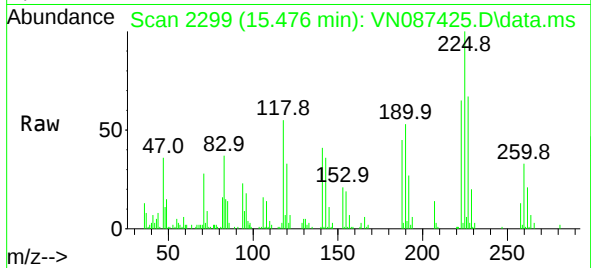




#90
Hexachlorobutadiene
Concen: 19.766 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

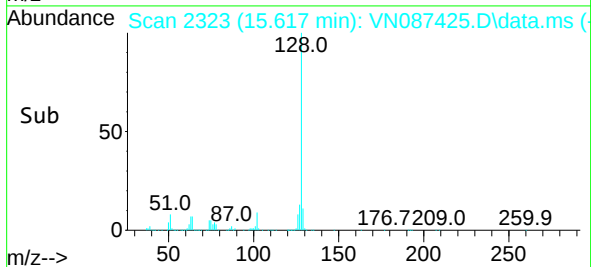
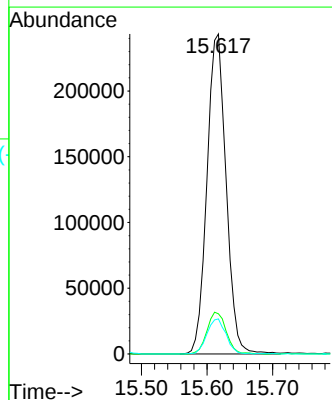
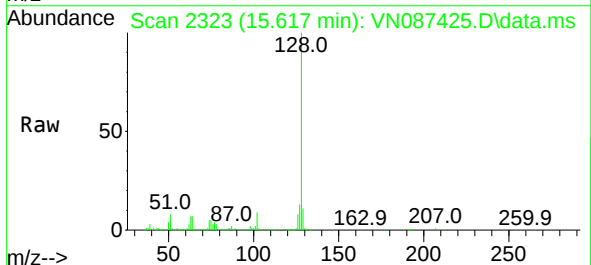
Instrument :
MSVOA_N
ClientSampleId :

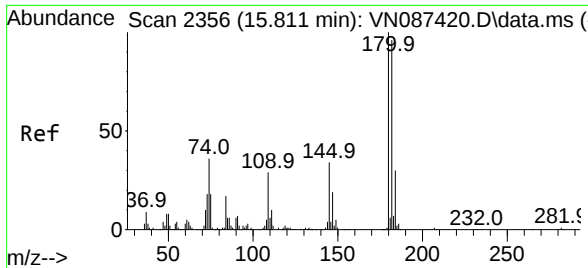
Tgt Ion:225 Resp: 48127
Ion Ratio Lower Upper
225 100
223 63.5 0.0 125.4
227 64.5 0.0 125.0



#91
Naphthalene
Concen: 20.425 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

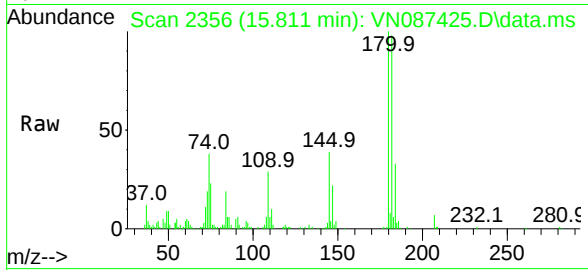
Tgt Ion:128 Resp: 493682
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.1 13.7





#92
1,2,3-Trichlorobenzene
Concen: 20.050 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087425.D
Acq: 28 Jul 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	180	Resp:	128222
Ion Ratio	Lower	Upper	
180	100		
182	94.9	0.0	186.8
145	35.0	0.0	68.6

