

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087420.D
 Acq On : 28 Jul 2025 10:06
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 13:24:02 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	104668	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	586753	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	490436	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	237825	29.714	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.033%
60) 4-Bromofluorobenzene	12.829	95	241964	30.044	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.133%
63) Toluene-d8	10.547	98	677131	30.064	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	126885	20.778	ug/l	100
3) Chloromethane	2.383	50	130749	20.169	ug/l	100
4) Vinyl Chloride	2.542	62	131642	20.071	ug/l	100
5) Bromomethane	2.983	94	62595	19.571	ug/l	100
6) Chloroethane	3.142	64	74856	20.235	ug/l	98
7) Trichlorofluoromethane	3.512	101	161939	19.625	ug/l	100
8) Diethyl Ether	3.965	74	70440	20.453	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	89459	19.873	ug/l	99
10) 1,1-Dichloroethene	4.336	96	91320	20.394	ug/l	100
11) Methyl Iodide	4.577	142	62220	15.346	ug/l	100
12) Methyl Acetate	5.024	43	193158	19.784	ug/l	100
13) Acrolein	4.183	56	62956	79.066	ug/l	100
14) Acrylonitrile	5.712	53	425991	100.623	ug/l	100
15) Acetone	4.430	58	103271	105.248	ug/l	100
16) Carbon Disulfide	4.706	76	313125	19.677	ug/l	100
17) Allyl chloride	5.012	41	210346	20.161	ug/l	100
18) Methylene Chloride	5.259	84	72337	10.731	ug/l	99
19) trans-1,2-Dichloroethene	5.771	96	125488	19.727	ug/l	100
20) Diisopropyl ether	6.659	45	485852	20.468	ug/l	100
21) 1,1-Dichloroethane	6.559	63	241230	20.050	ug/l	100
22) cis-1,2-Dichloroethene	7.471	96	154358	19.965	ug/l	100
23) tert-Butyl Alcohol	5.524	59	164521	100.261	ug/l	100
24) Methyl tert-Butyl Ether	5.789	73	441292	19.864	ug/l	100
25) Chloroform	7.953	83	240943	19.837	ug/l	100
26) Cyclohexane	8.241	56	218606	19.674	ug/l	100
29) 1,1-Dichloropropene	8.353	75	168718	20.255	ug/l	100
30) 2-Butanone	7.471	43	609764	101.040	ug/l	100
31) 2,2-Dichloropropane	7.477	77	212234	20.448	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	200721	20.048	ug/l	100
33) Carbon Tetrachloride	8.347	117	167018	20.231	ug/l	100
34) Benzene	8.588	78	552319	20.273	ug/l	100
35) Methacrylonitrile	7.765	41	137977	19.959	ug/l	100
36) 1,2-Dichloroethane	8.659	62	177682	19.597	ug/l	# 92
37) Trichloroethene	9.335	130	124348	19.996	ug/l	100
38) Methylcyclohexane	9.582	83	210652	19.608	ug/l	100
39) 1,2-Dichloropropane	9.606	63	135182	19.709	ug/l	100
40) Dibromomethane	9.688	93	94554	19.434	ug/l	100
41) Bromodichloromethane	9.871	83	190135	19.417	ug/l	100
42) Vinyl Acetate	6.588	43	2011260	99.032	ug/l	100

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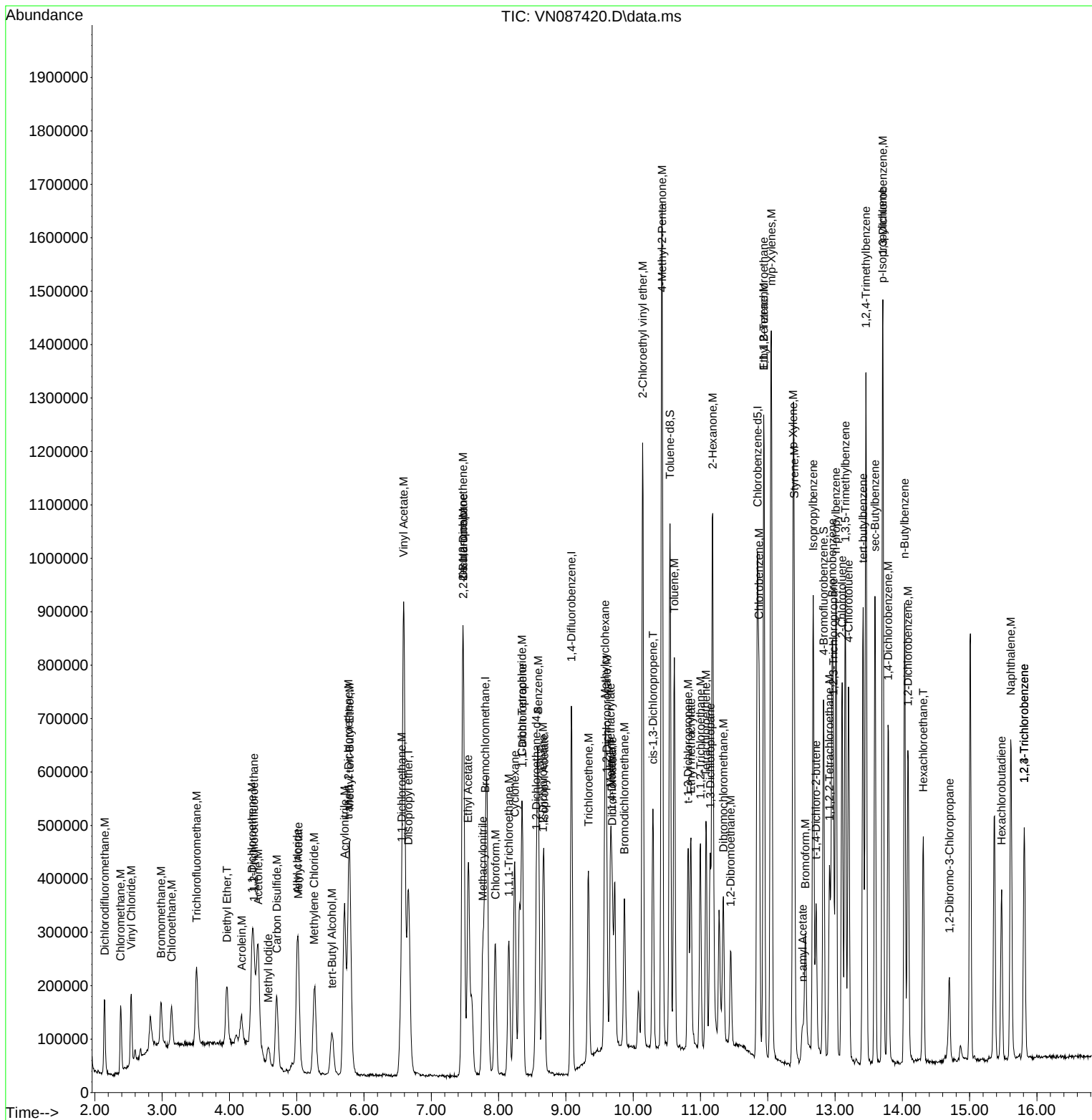
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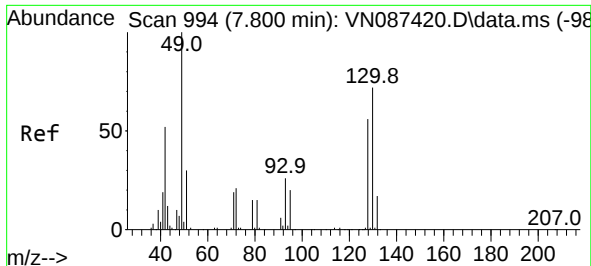
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	218727	17.680	ug/l	# 81
44) Isopropyl Acetate	8.677	43	394930	19.982	ug/l	100
45) 1,4-Dioxane	9.682	88	53161	423.929	ug/l	100
46) Methyl methacrylate	9.665	41	176163	19.143	ug/l	100
47) n-amyl Acetate	12.518	43	97455	11.960	ug/l	100
48) t-1,3-Dichloropropene	10.818	75	209390	18.994	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	220552	19.050	ug/l	100
50) 1,1,2-Trichloroethane	11.000	97	123760	19.109	ug/l	100
51) Ethyl methacrylate	10.859	69	223158	19.026	ug/l	100
52) 1,3-Dichloropropane	11.147	76	209626	18.728	ug/l	100
53) Dibromochloromethane	11.341	129	139794	18.818	ug/l	100
54) 1,2-Dibromoethane	11.447	107	127613	18.727	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	501216	103.936	ug/l	100
56) Bromoform	12.559	173	98259	18.848	ug/l	100
58) 4-Methyl-2-Pentanone	10.429	43	1149475	104.054	ug/l	100
59) 2-Hexanone	11.182	43	770544	100.652	ug/l	100
61) Tetrachloroethene	11.082	164	92302	19.823	ug/l	100
62) Toluene	10.612	91	551064	19.910	ug/l	100
64) Chlorobenzene	11.871	112	339856	19.966	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	119776	20.752	ug/l	100
66) Ethyl Benzene	11.941	91	616868	20.399	ug/l	100
67) m/p-Xylenes	12.053	106	460356	40.629	ug/l	100
68) o-Xylene	12.376	106	230015	20.744	ug/l	100
69) Styrene	12.394	104	388194	20.468	ug/l	100
70) Isopropylbenzene	12.676	105	583004	20.474	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	198171	20.409	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	260629	29.509	ug/l	70
73) Bromobenzene	12.959	156	130858	19.779	ug/l	100
74) n-propylbenzene	13.012	91	718289	20.431	ug/l	100
75) 2-Chlorotoluene	13.106	91	424649	20.352	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	483204	20.483	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	73038	19.488	ug/l	100
78) 4-Chlorotoluene	13.200	91	440861	20.576	ug/l	100
79) tert-butylbenzene	13.417	119	418588	20.540	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	485562	20.743	ug/l	100
81) sec-Butylbenzene	13.594	105	623158	20.586	ug/l	100
82) p-Isopropyltoluene	13.706	119	515943	20.999	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	259135	20.696	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	271082	20.704	ug/l	100
85) n-Butylbenzene	14.035	91	502453	20.305	ug/l	100
86) Hexachloroethane	14.312	117	102213	20.483	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	247872	20.365	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	44493	19.853	ug/l	100
89) 1,2,4-Trichlorobenzene	15.811	180	149474	20.134	ug/l	100
90) Hexachlorobutadiene	15.476	225	56252	19.902	ug/l	100
91) Naphthalene	15.611	128	562350	20.042	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	149474	20.134	ug/l	100

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

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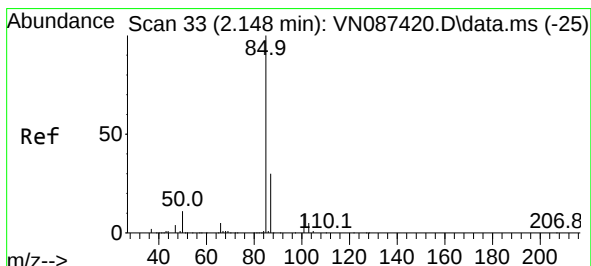
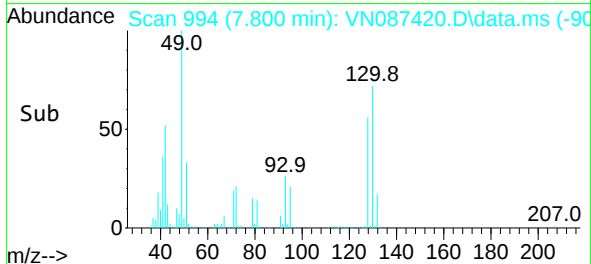
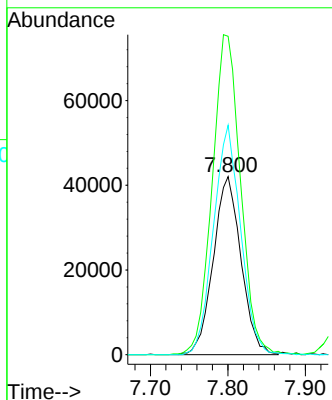
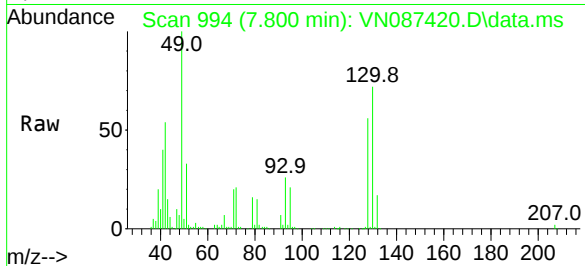




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

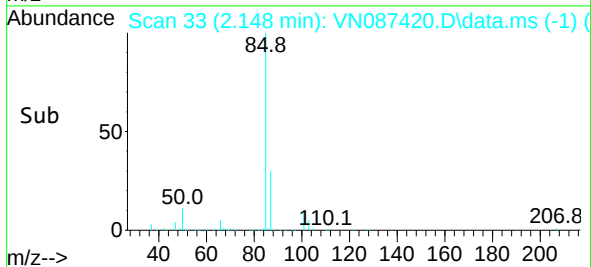
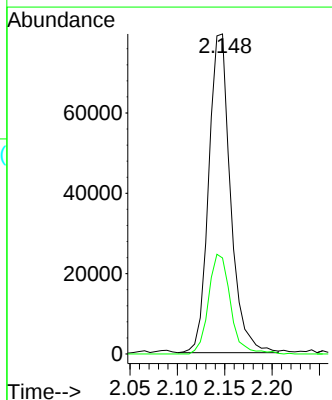
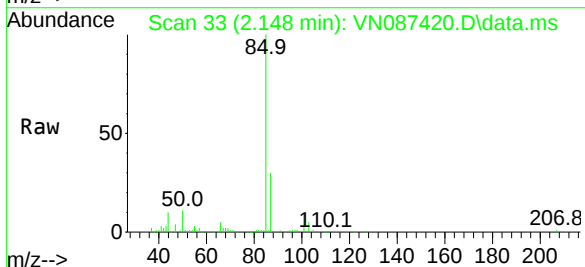
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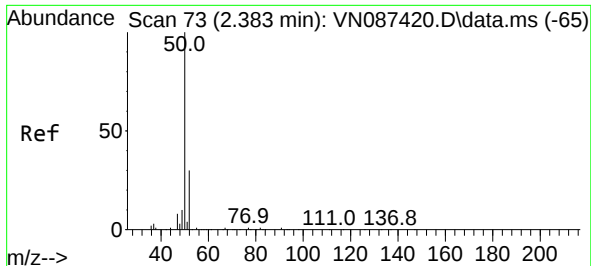
Tgt Ion:128 Resp: 104668
Ion Ratio Lower Upper
128 100
49 182.9 0.0 457.3
130 126.4 0.0 316.0



#2
Dichlorodifluoromethane
Concen: 20.778 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 85 Resp: 126885
Ion Ratio Lower Upper
85 100
87 30.1 15.0 45.1



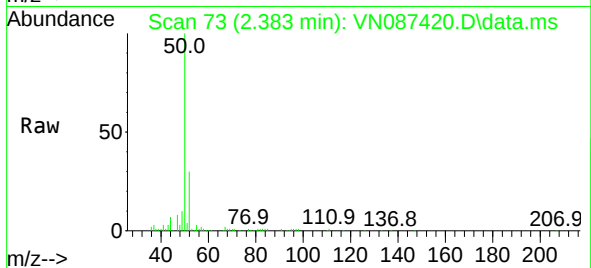


#3
Chloromethane
Concen: 20.169 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

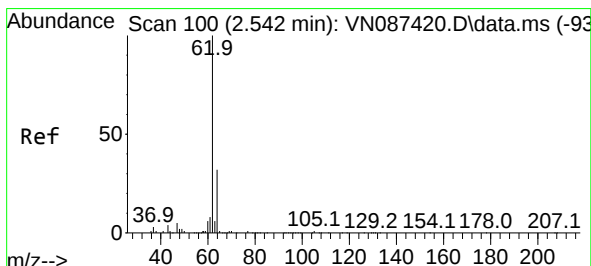
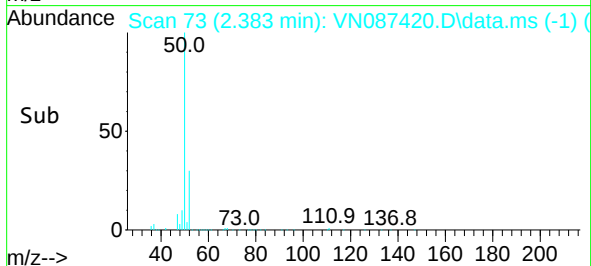
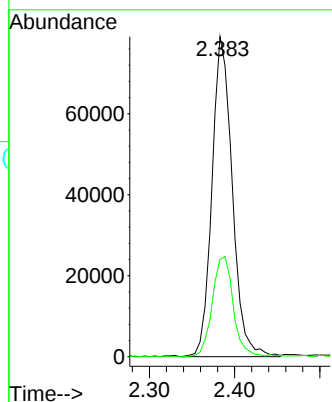
Instrument :

MSVOA_N

ClientSampleId :

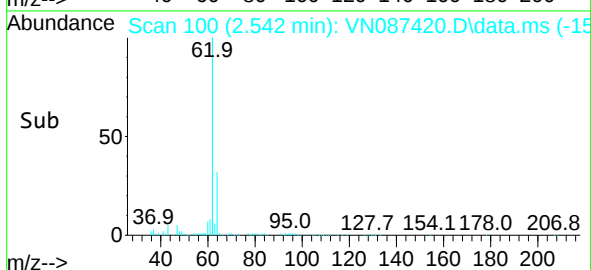
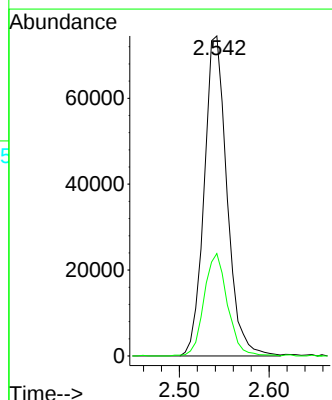
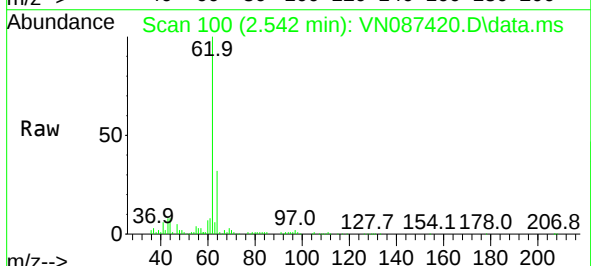


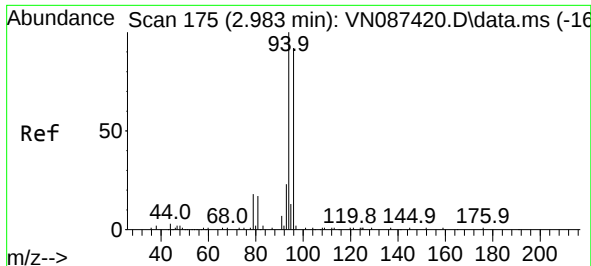
Tgt Ion: 50 Resp: 130749
Ion Ratio Lower Upper
50 100
52 30.4 24.3 36.5



#4
Vinyl Chloride
Concen: 20.071 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 62 Resp: 131642
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

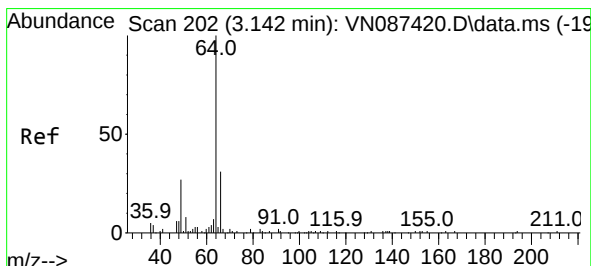
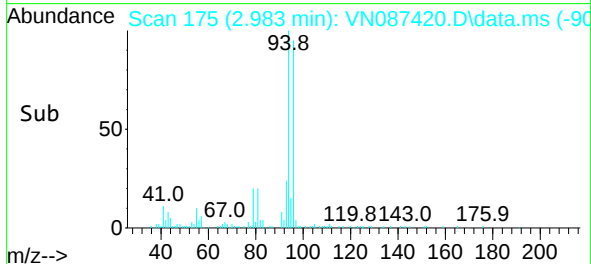
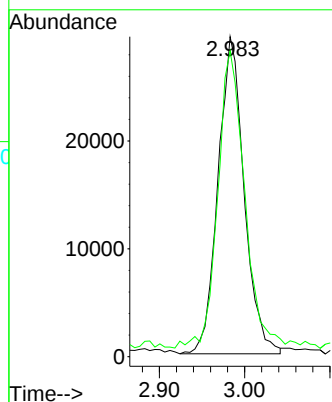
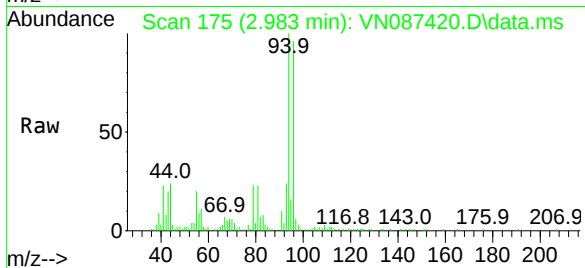




#5
Bromomethane
Concen: 19.571 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

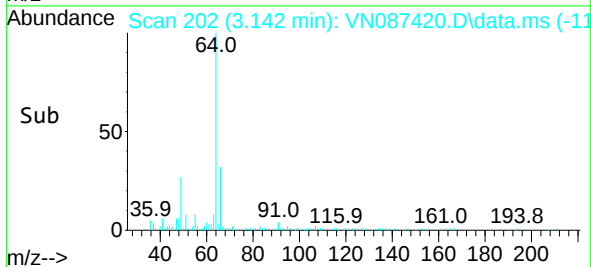
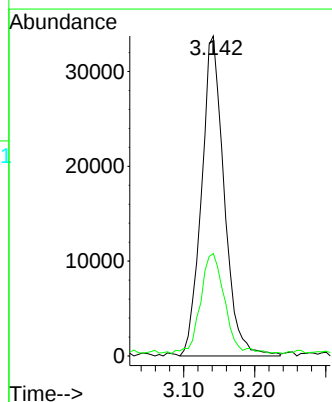
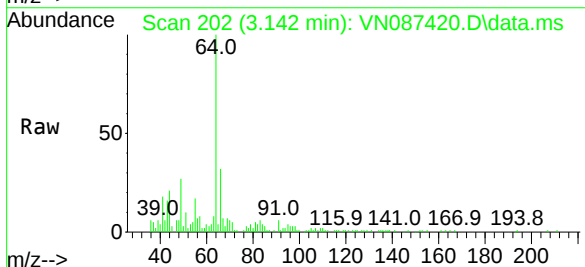
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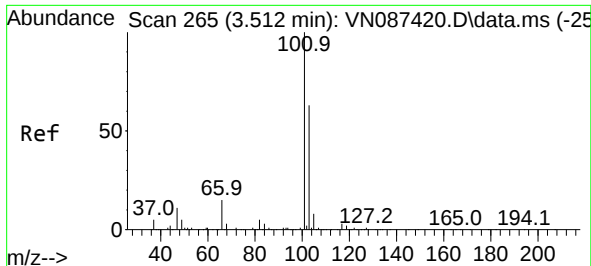
Tgt Ion: 94 Resp: 62595
Ion Ratio Lower Upper
94 100
96 91.5 73.2 109.8



#6
Chloroethane
Concen: 20.235 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 64 Resp: 74856
Ion Ratio Lower Upper
64 100
66 31.0 25.6 38.4

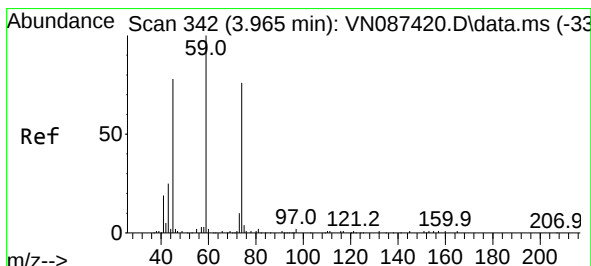
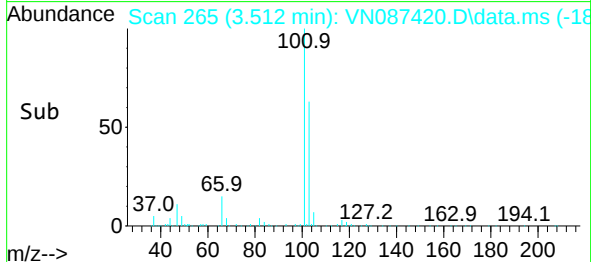
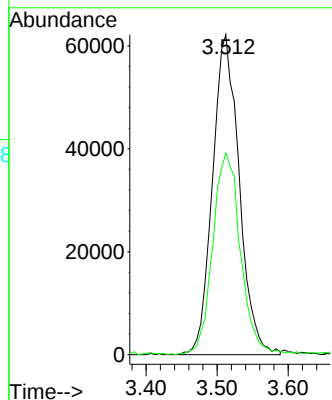
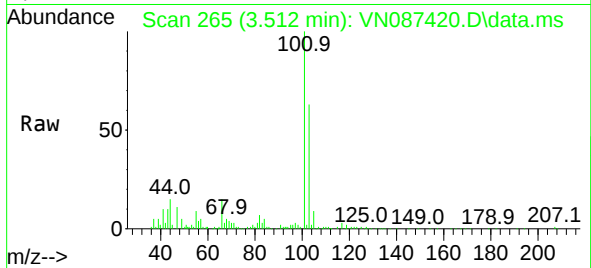




#7
 Trichlorofluoromethane
 Concen: 19.625 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

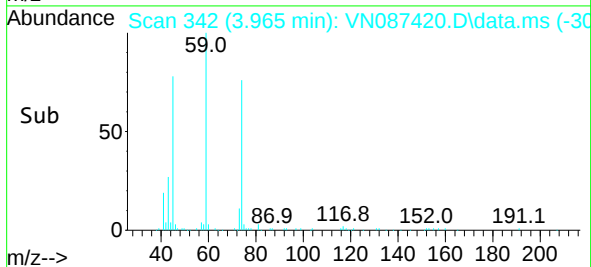
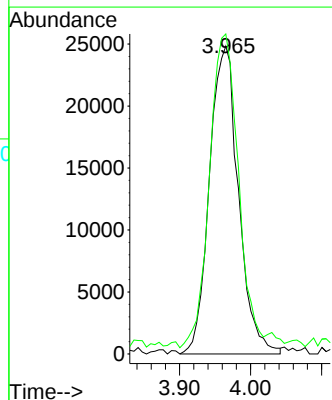
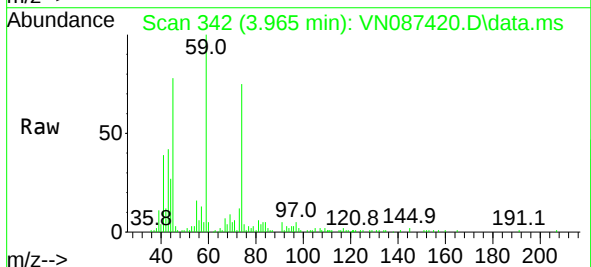
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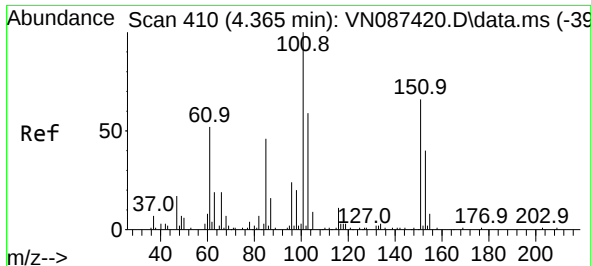
Tgt Ion:101 Resp: 161939
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.0 75.0



#8
 Diethyl Ether
 Concen: 20.453 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

Tgt Ion: 74 Resp: 70440
 Ion Ratio Lower Upper
 74 100
 45 100.8 20.2 181.4

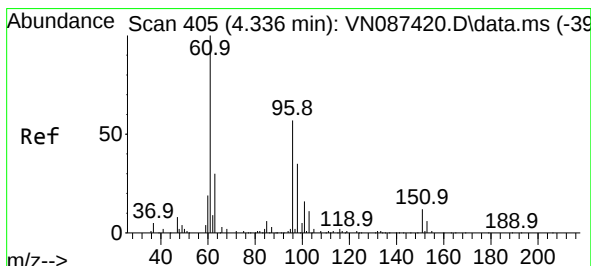
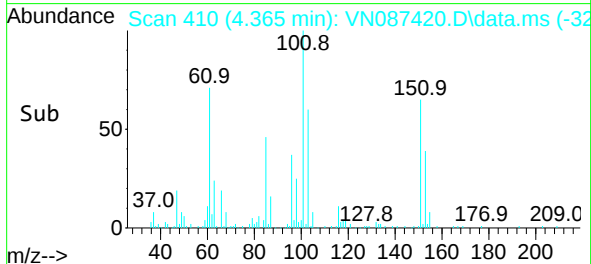
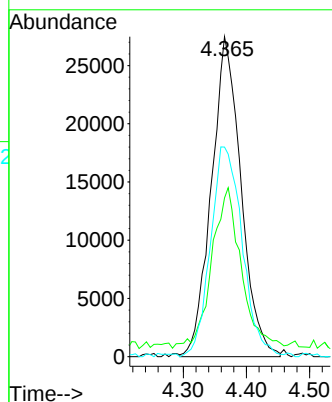
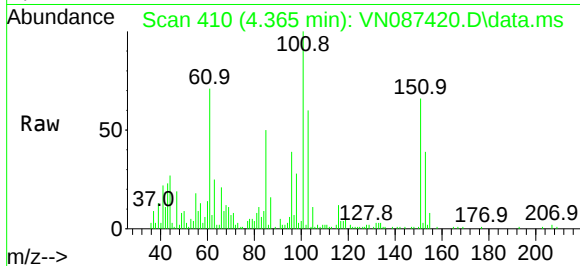




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.873 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
 Lab File: VN087420.D
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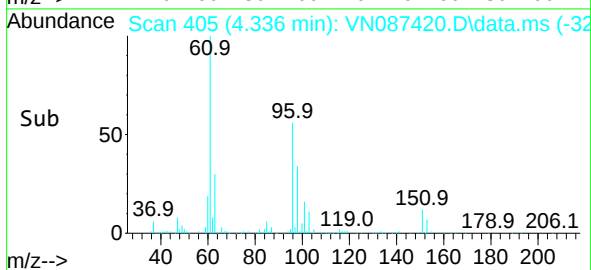
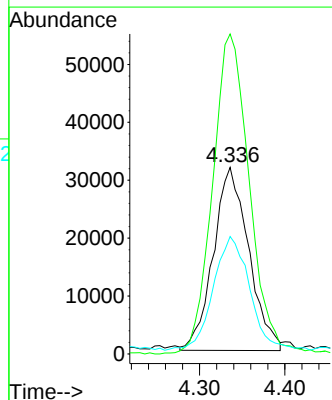
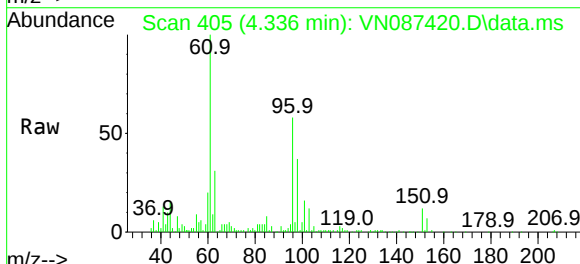
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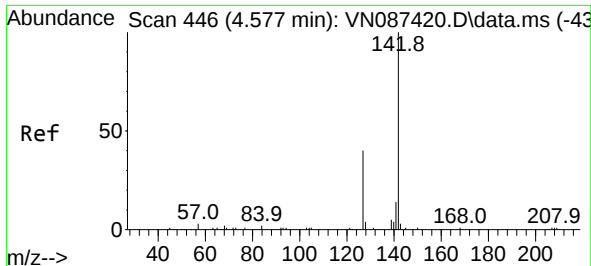
Tgt Ion:101 Resp: 89459
 Ion Ratio Lower Upper
 101 100
 85 48.6 0.0 101.2
 151 70.3 0.0 140.6



#10
 1,1-Dichloroethene
 Concen: 20.394 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

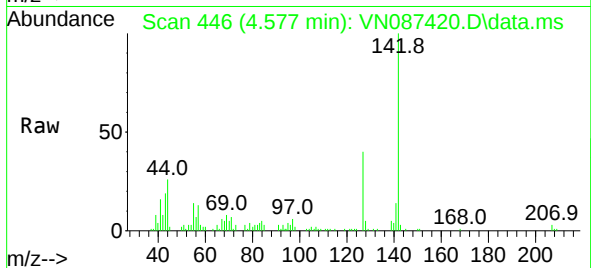
Tgt Ion: 96 Resp: 91320
 Ion Ratio Lower Upper
 96 100
 61 175.5 140.4 210.6
 98 62.0 49.6 74.4



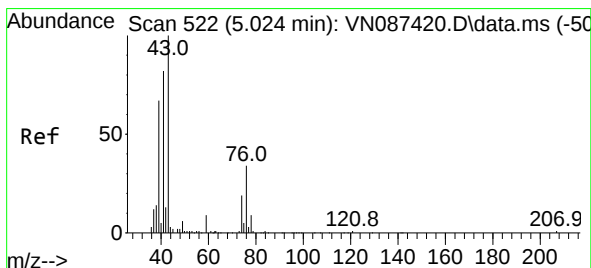
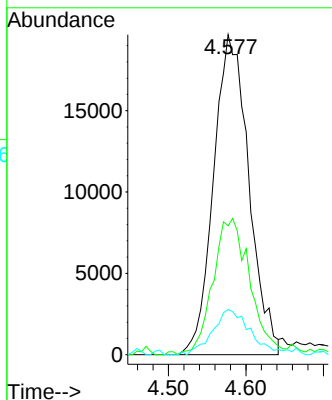
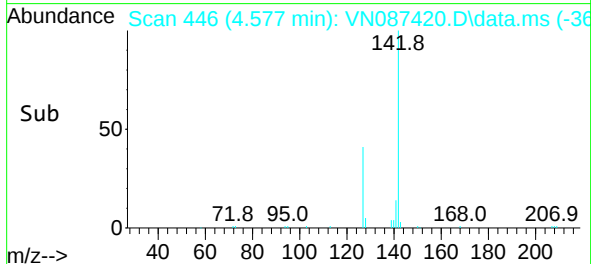


#11
Methyl Iodide
Concen: 15.346 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :

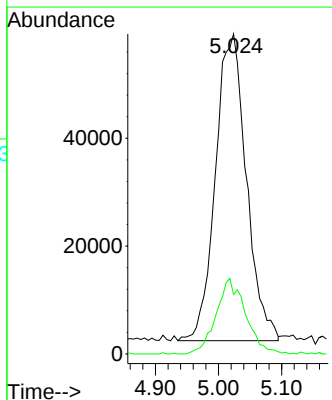
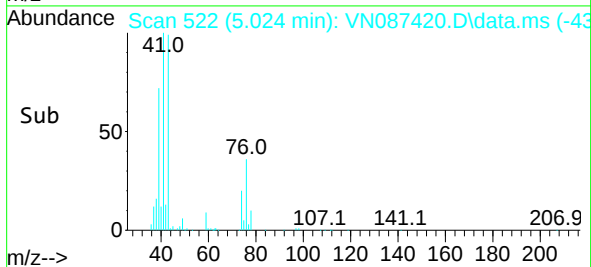
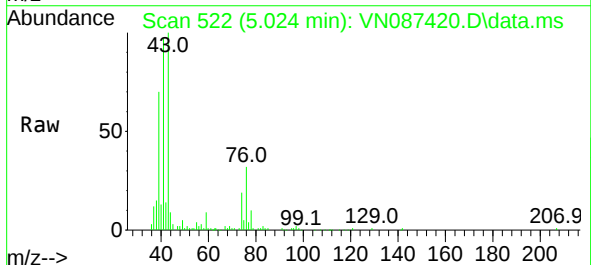


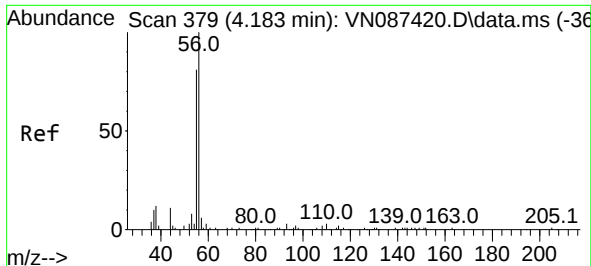
Tgt Ion:142 Resp: 62220
Ion Ratio Lower Upper
142 100
127 39.9 20.0 59.9
141 13.6 6.8 20.4



#12
Methyl Acetate
Concen: 19.784 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 43 Resp: 193158
Ion Ratio Lower Upper
43 100
74 19.2 15.4 23.0

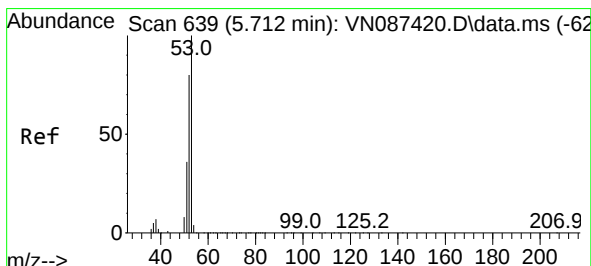
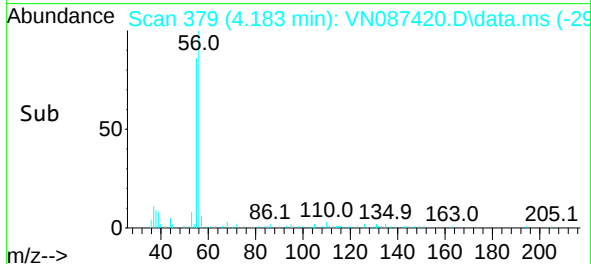
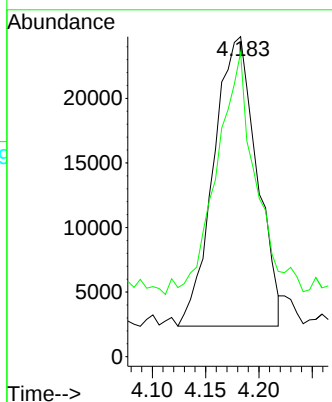
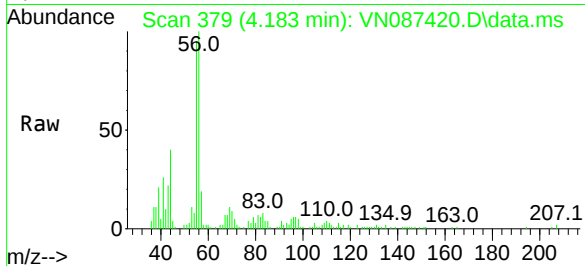




#13
Acrolein
Concen: 79.066 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

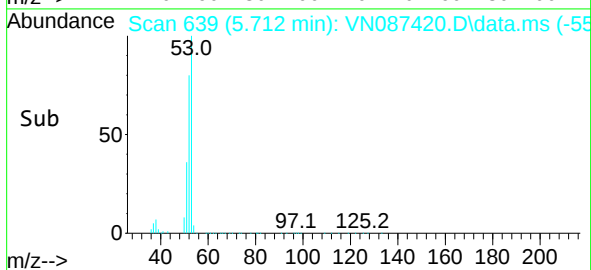
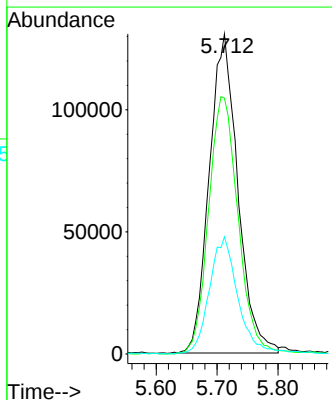
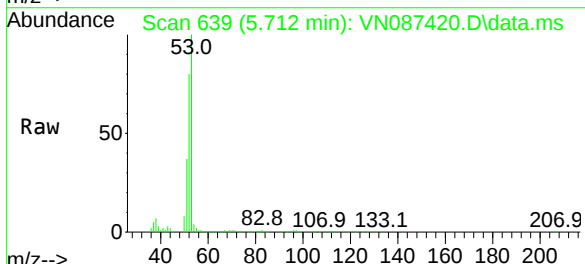
Instrument :
MSVOA_N
ClientSampleId :

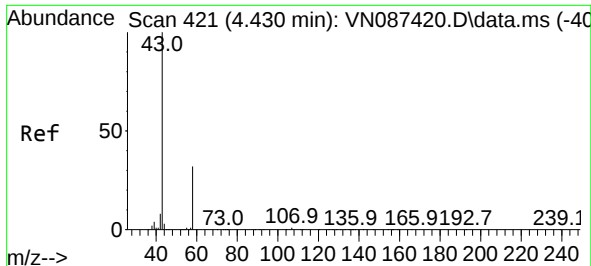
Tgt Ion: 56 Resp: 62956
Ion Ratio Lower Upper
56 100
55 73.6 58.9 88.3



#14
Acrylonitrile
Concen: 100.623 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 53 Resp: 425991
Ion Ratio Lower Upper
53 100
52 83.5 41.6 124.9
51 36.4 18.1 54.4

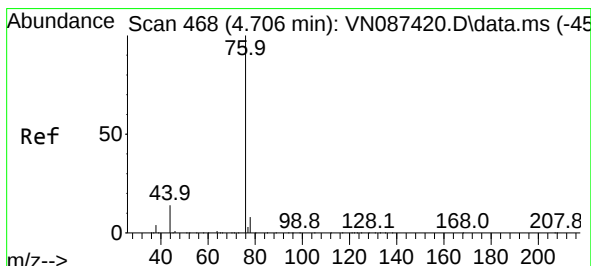
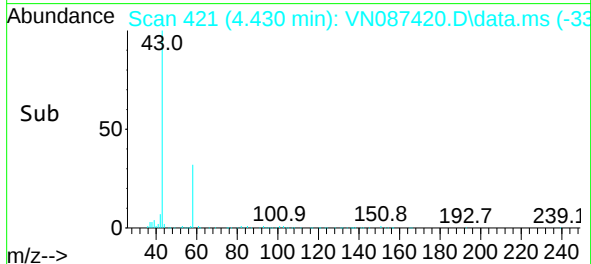
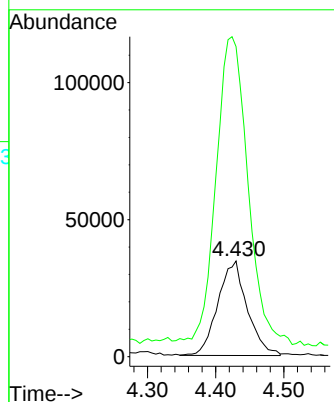
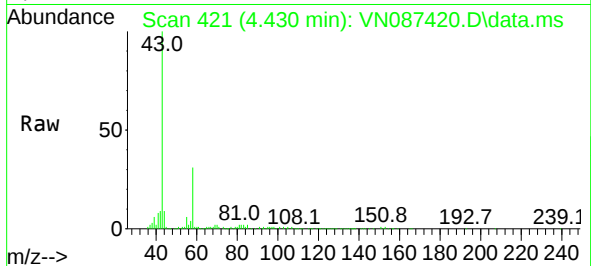




#15
Acetone
Concen: 105.248 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

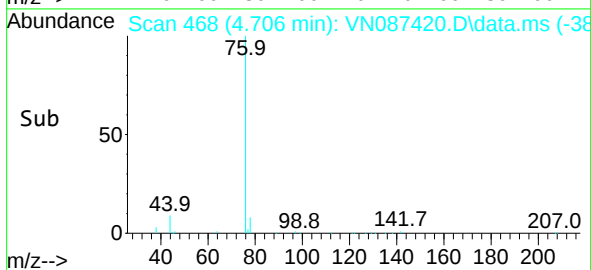
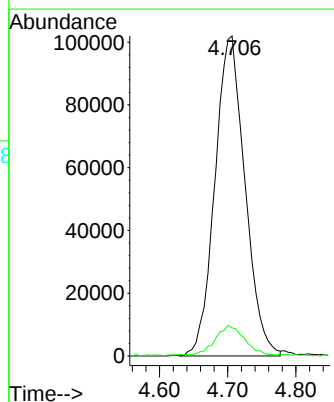
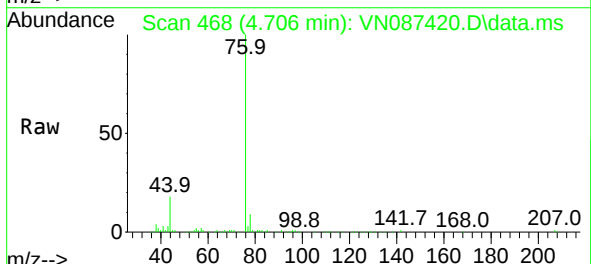
Instrument :
MSVOA_N
ClientSampleId :

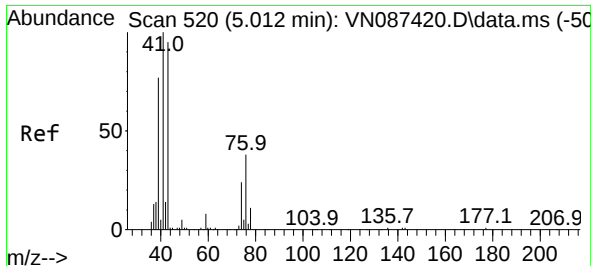
Tgt Ion: 58 Resp: 103271
Ion Ratio Lower Upper
58 100
43 310.5 248.4 372.6



#16
Carbon Disulfide
Concen: 19.677 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 76 Resp: 313125
Ion Ratio Lower Upper
76 100
78 8.3 6.6 10.0





#17

Allyl chloride

Concen: 20.161 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.000 min

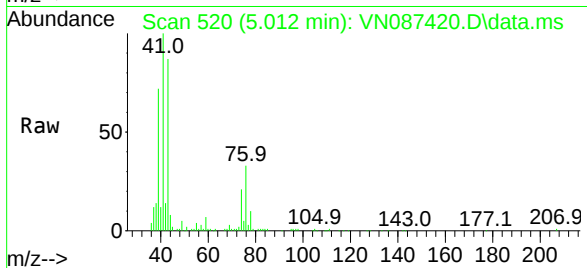
Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :



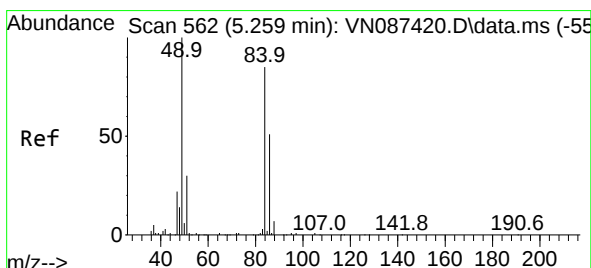
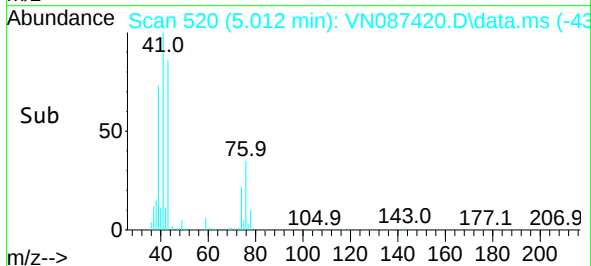
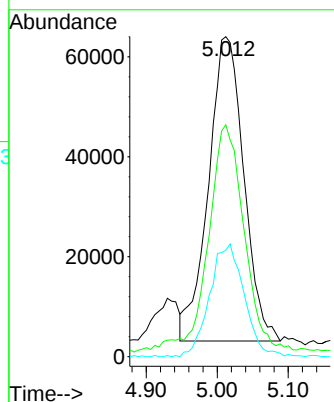
Tgt Ion: 41 Resp: 210346

Ion Ratio Lower Upper

41 100

39 71.9 35.9 107.8

76 35.0 17.5 52.5



#18

Methylene Chloride

Concen: 10.731 ug/l

RT: 5.259 min Scan# 562

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Tgt Ion: 84 Resp: 72337

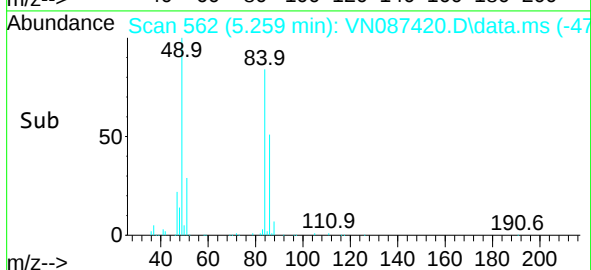
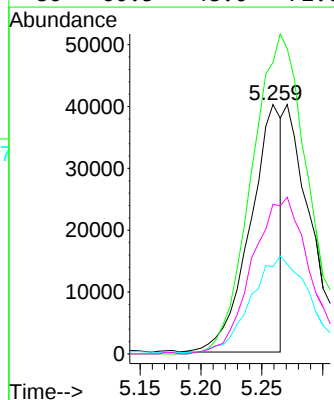
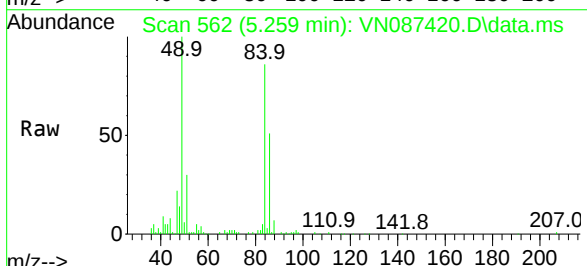
Ion Ratio Lower Upper

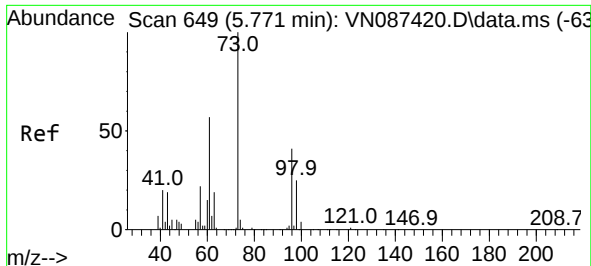
84 100

49 117.8 93.5 140.3

51 34.6 28.0 42.0

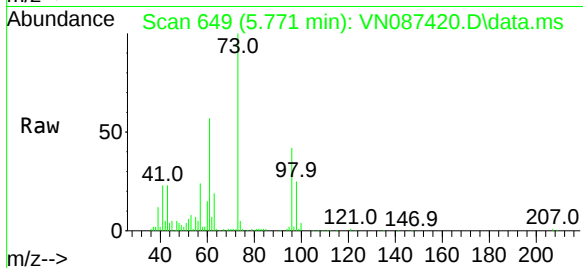
86 60.5 48.0 72.0



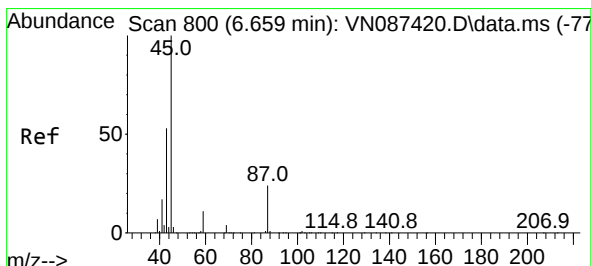
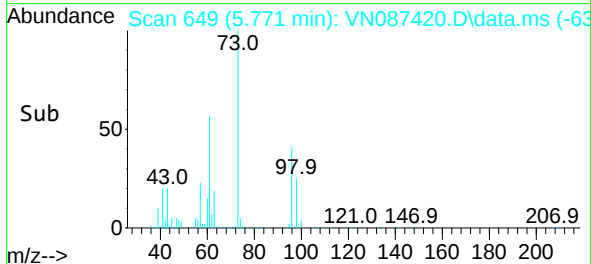
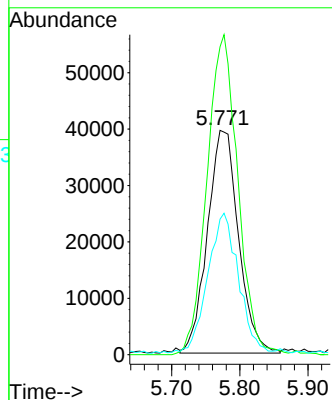


#19
trans-1,2-Dichloroethene
Concen: 19.727 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :

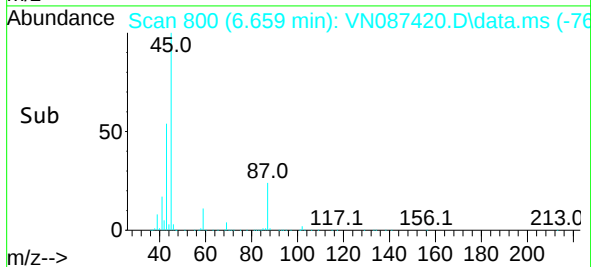
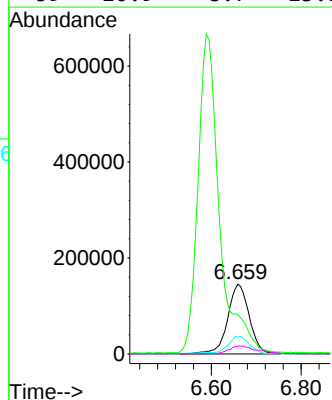
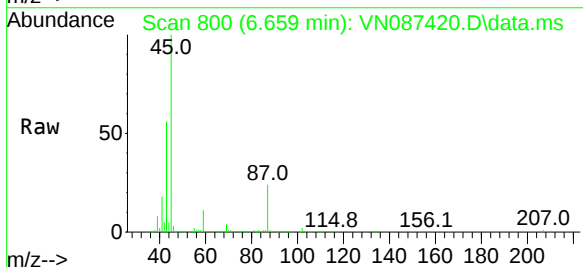


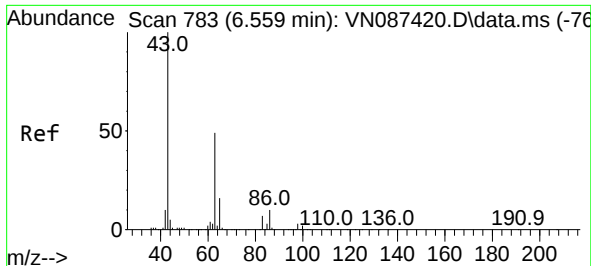
Tgt Ion: 96 Resp: 125488
Ion Ratio Lower Upper
96 100
61 137.8 110.2 165.4
98 59.9 47.9 71.9



#20
Diisopropyl ether
Concen: 20.468 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 45 Resp: 485852
Ion Ratio Lower Upper
45 100
43 53.4 42.7 64.1
87 24.2 19.4 29.0
59 10.9 8.7 13.1

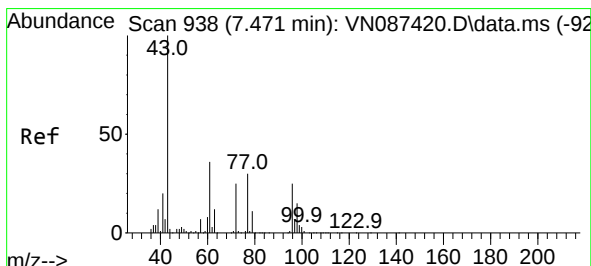
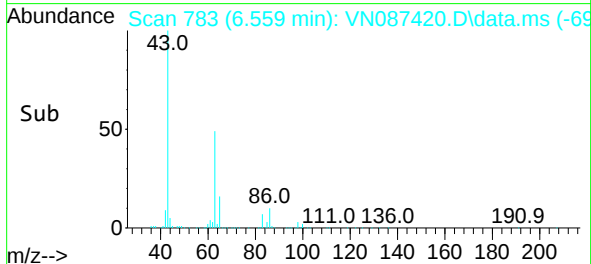
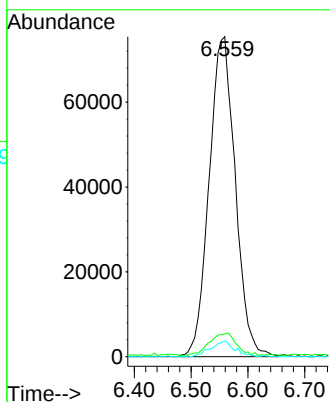
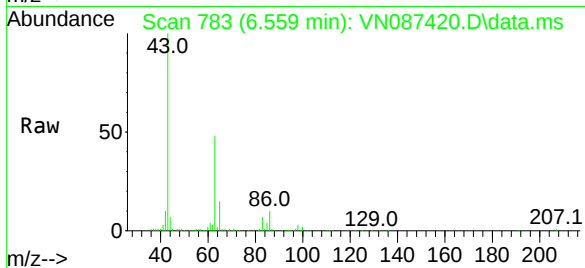




#21
1,1-Dichloroethane
Concen: 20.050 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

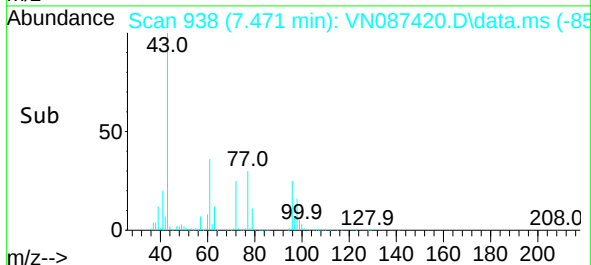
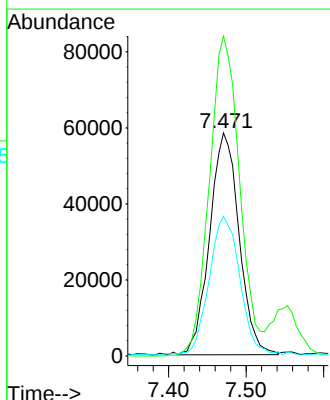
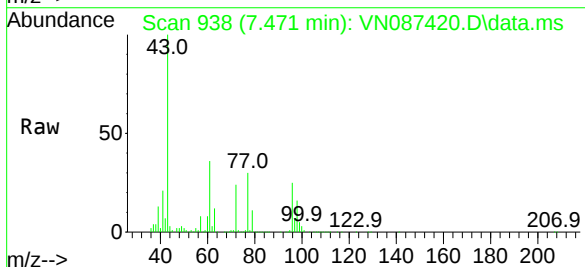
Instrument :
MSVOA_N
ClientSampleId :

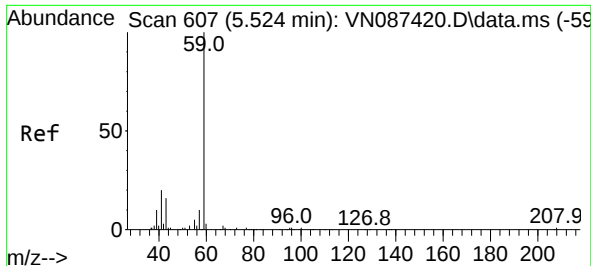
Tgt Ion: 63 Resp: 241230
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.1
100 4.9 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 19.965 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

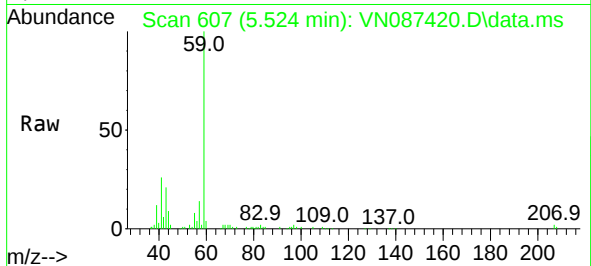
Tgt Ion: 96 Resp: 154358
Ion Ratio Lower Upper
96 100
61 148.8 118.8 178.2
98 64.7 51.5 77.3



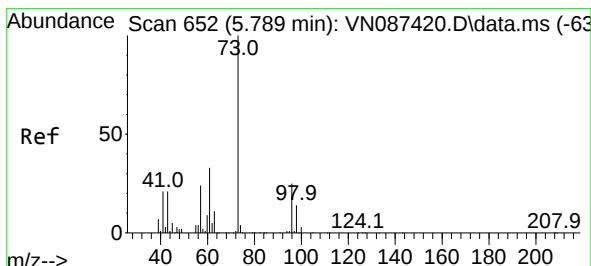
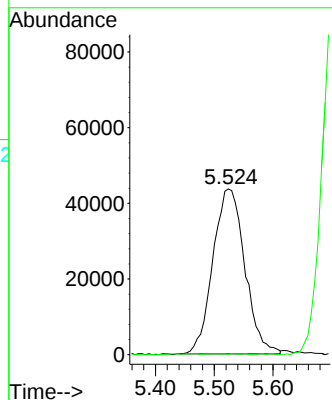
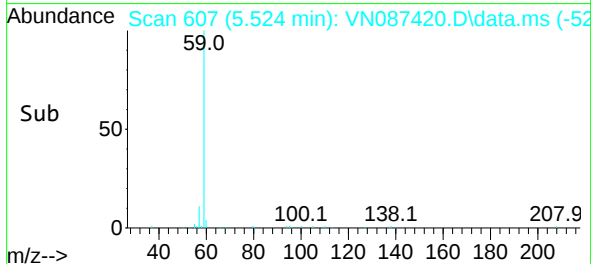


#23
tert-Butyl Alcohol
Concen: 100.261 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :

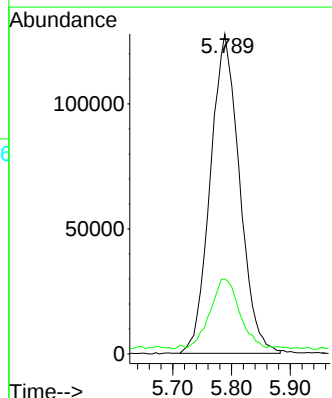
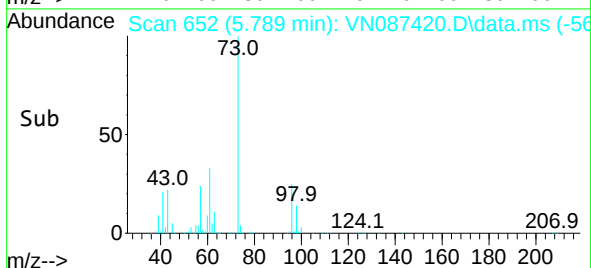
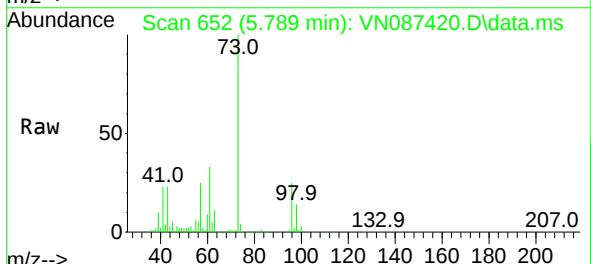


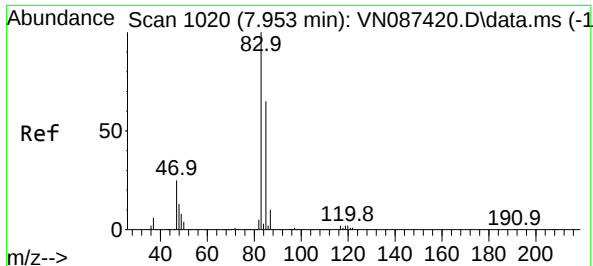
Tgt Ion: 59 Resp: 164521
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 19.864 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 73 Resp: 441292
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7





#25

Chloroform

Concen: 19.837 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

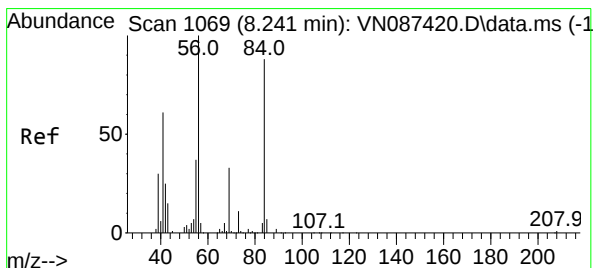
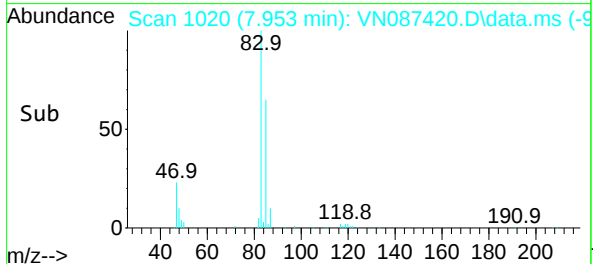
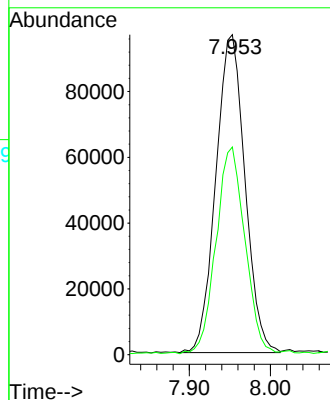
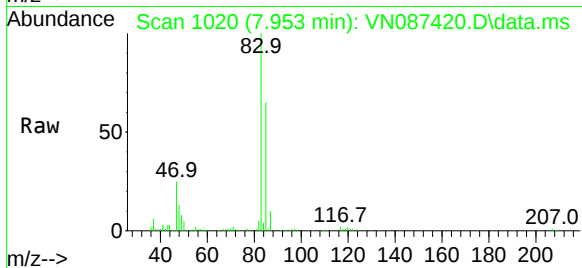
ClientSampleId :

Tgt Ion: 83 Resp: 240943

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0



#26

Cyclohexane

Concen: 19.674 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

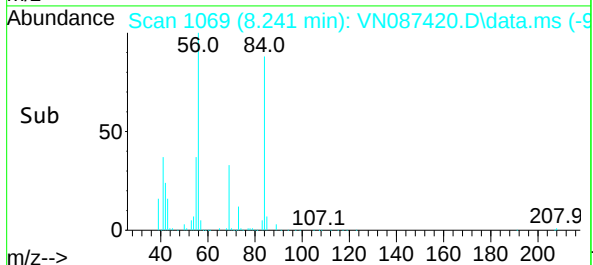
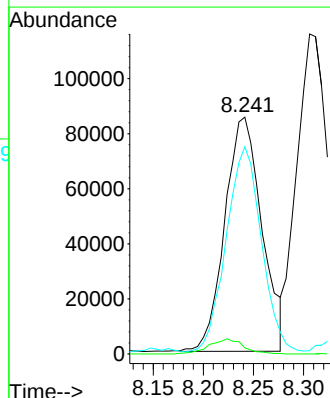
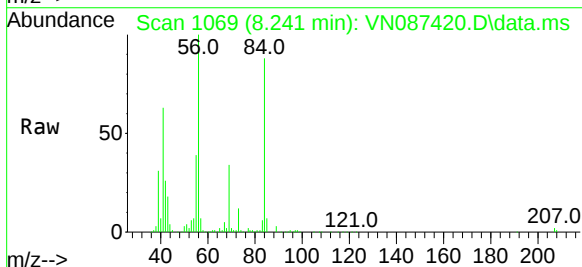
Tgt Ion: 56 Resp: 218606

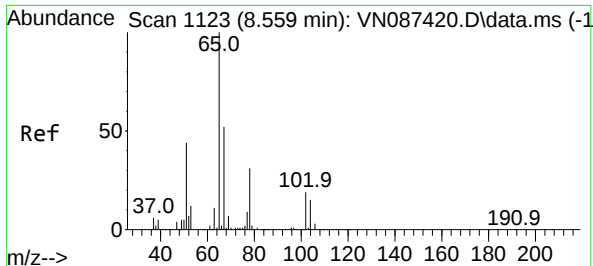
Ion Ratio Lower Upper

56 100

89 5.9 4.7 7.1

84 84.3 67.4 101.2

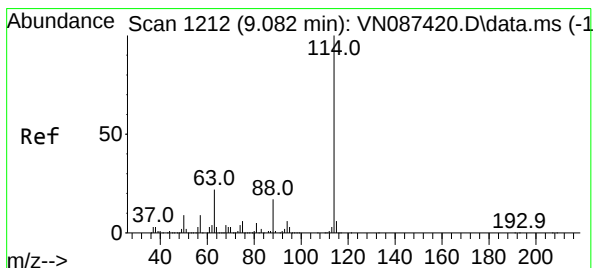
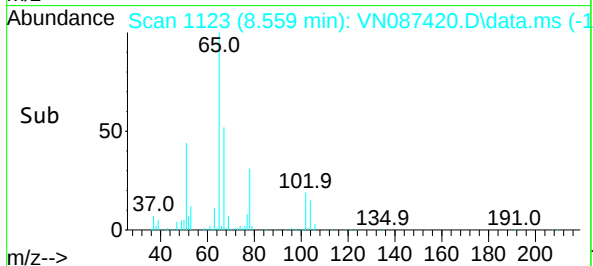
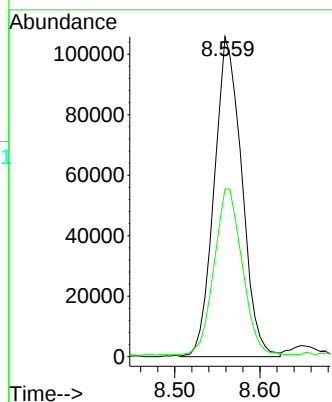
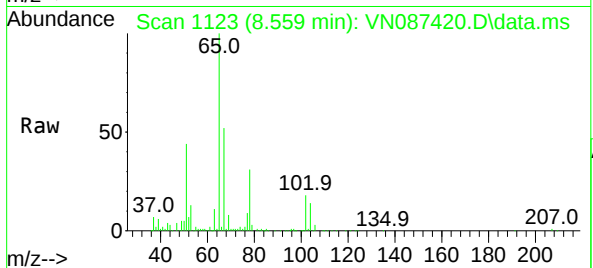




#27
1,2-Dichloroethane-d4
Concen: 29.714 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

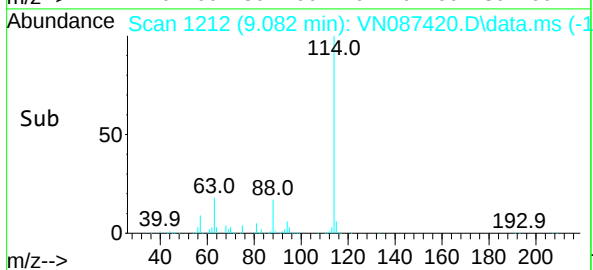
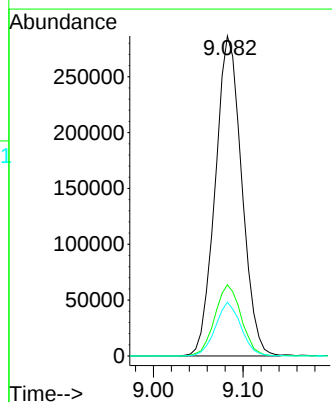
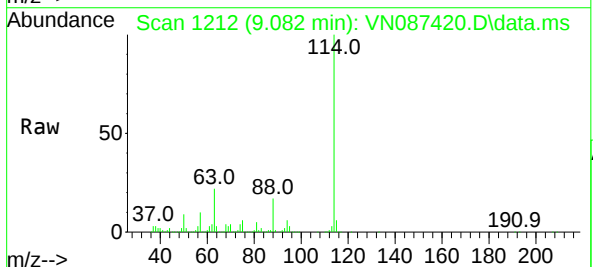
Instrument :
MSVOA_N
ClientSampleId :

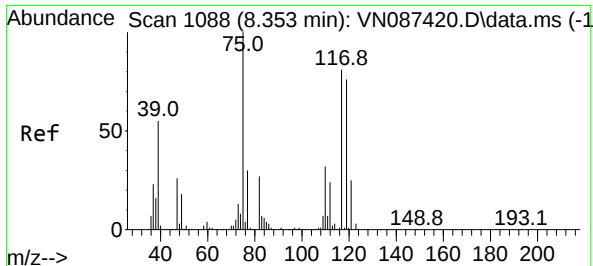
Tgt Ion: 65 Resp: 237825
Ion Ratio Lower Upper
65 100
67 52.9 42.3 63.5



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 114 Resp: 586753
Ion Ratio Lower Upper
114 100
63 22.2 17.8 26.6
88 16.2 13.0 19.4

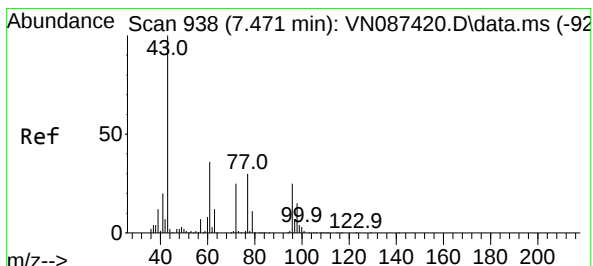
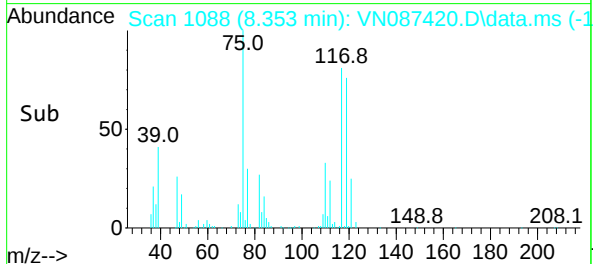
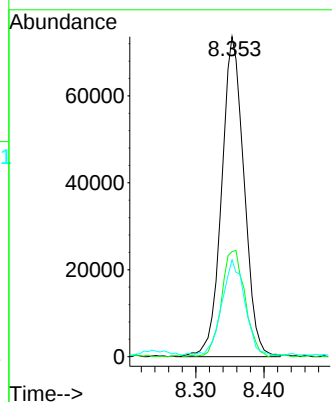
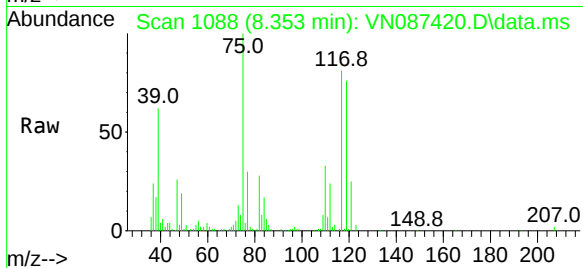




#29
1,1-Dichloropropene
Concen: 20.255 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

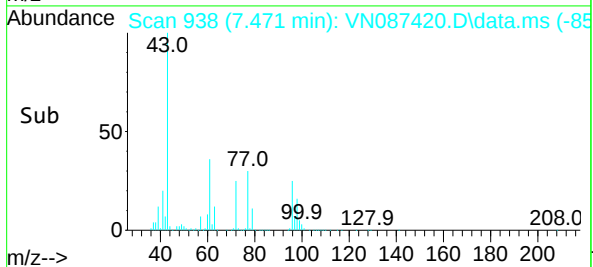
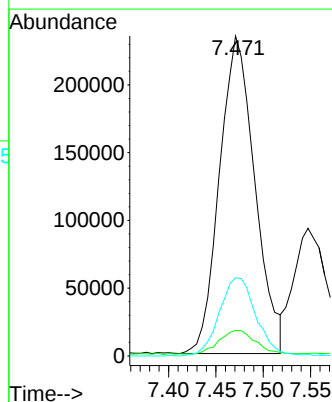
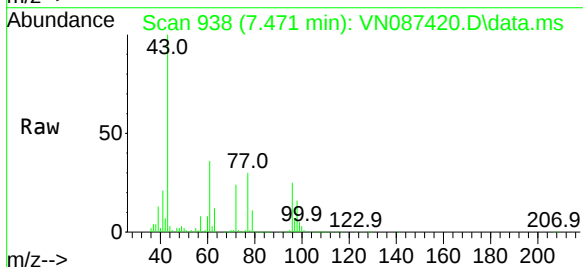
Instrument :
MSVOA_N
ClientSampleId :

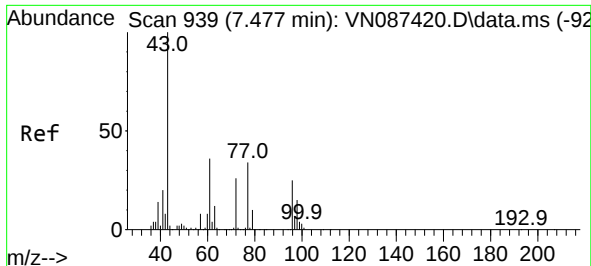
Tgt Ion: 75 Resp: 168718
Ion Ratio Lower Upper
75 100
110 34.8 0.0 69.6
77 30.1 0.0 60.2



#30
2-Butanone
Concen: 101.040 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 43 Resp: 609764
Ion Ratio Lower Upper
43 100
57 7.5 6.0 9.0
72 25.4 20.3 30.5





#31

2,2-Dichloropropane

Concen: 20.448 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

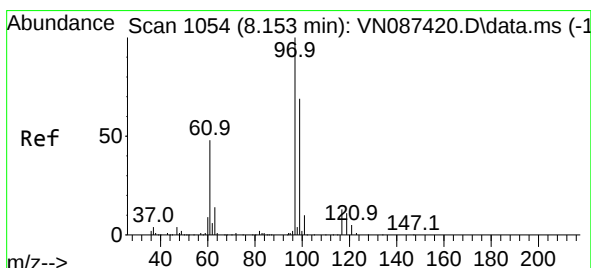
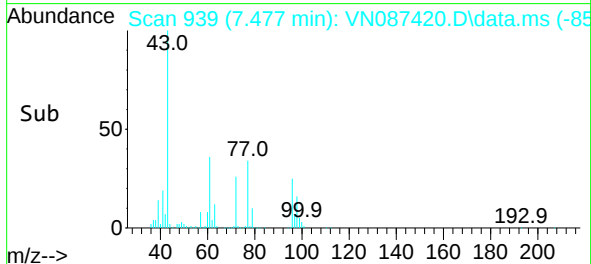
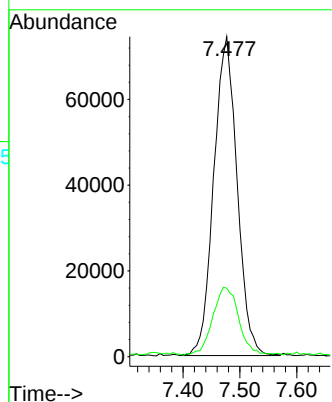
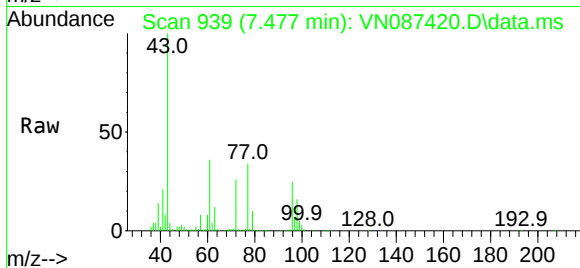
ClientSampleId :

Tgt Ion: 77 Resp: 212234

Ion Ratio Lower Upper

77 100

97 23.9 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 20.048 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

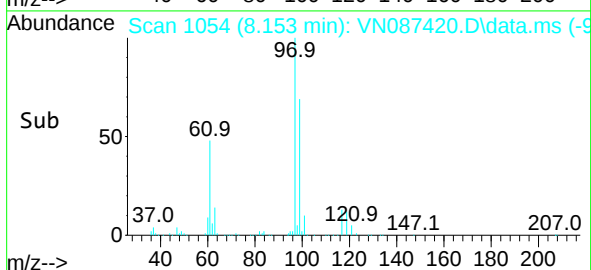
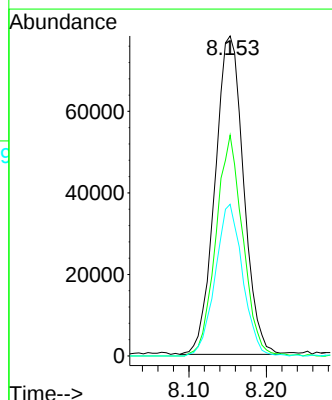
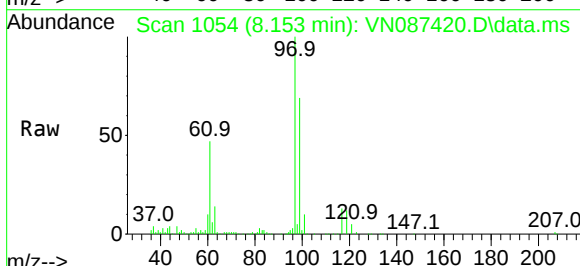
Tgt Ion: 97 Resp: 200721

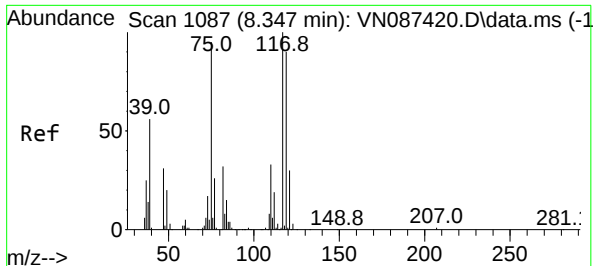
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 45.4 36.3 54.5

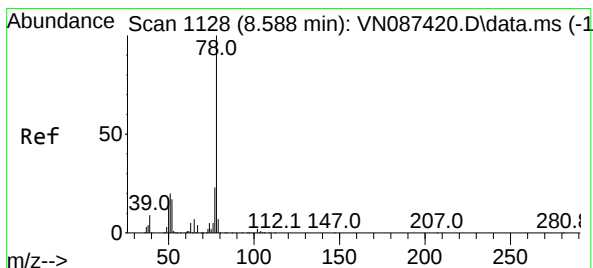
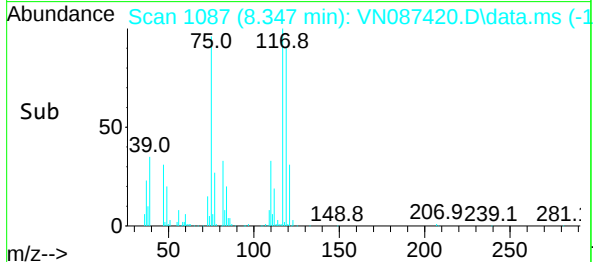
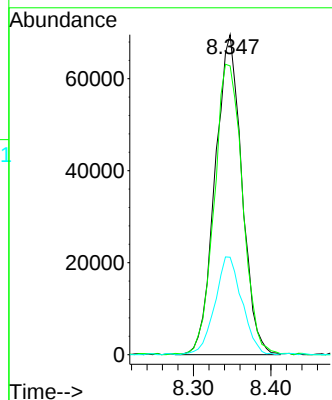
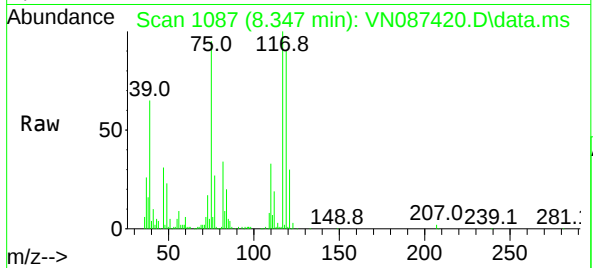




#33
Carbon Tetrachloride
Concen: 20.231 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

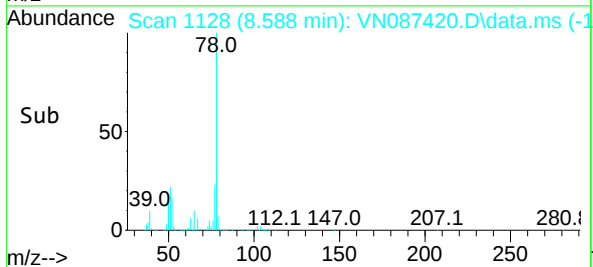
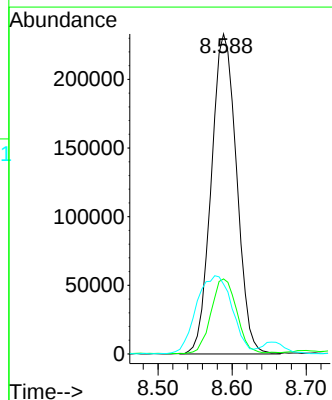
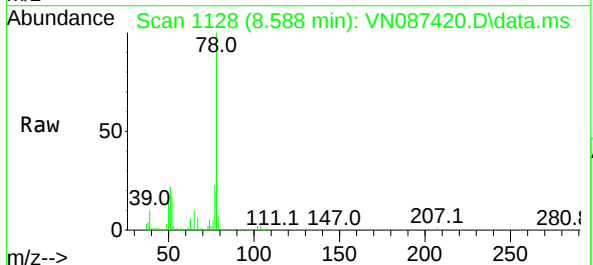
Instrument :
MSVOA_N
ClientSampleId :

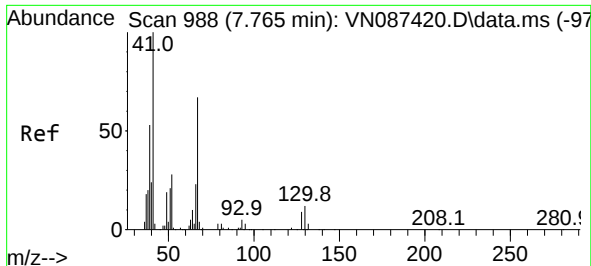
Tgt Ion:117 Resp: 167018
Ion Ratio Lower Upper
117 100
119 89.9 71.9 107.9
121 30.5 24.4 36.6



#34
Benzene
Concen: 20.273 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 78 Resp: 552319
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0
51 20.4 16.3 24.5

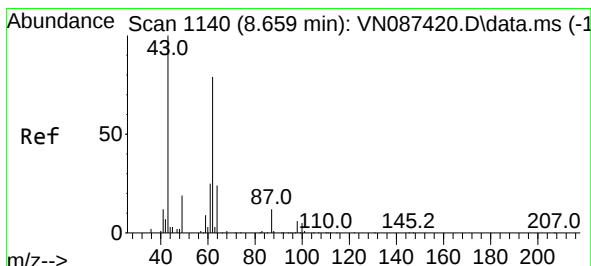
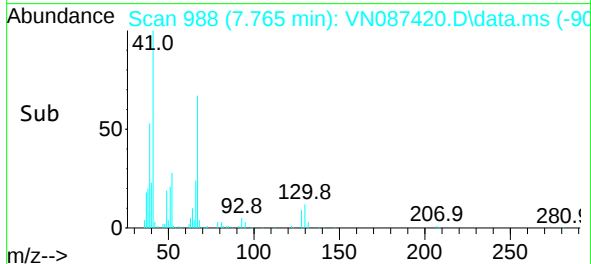
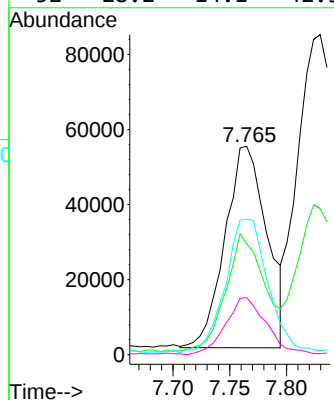
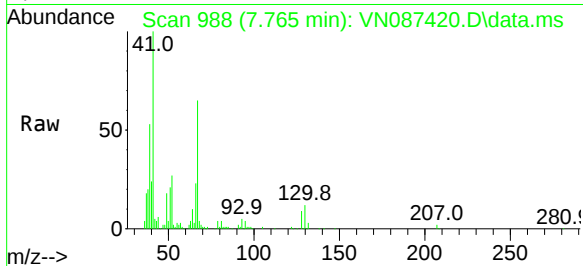




#35
Methacrylonitrile
Concen: 19.959 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

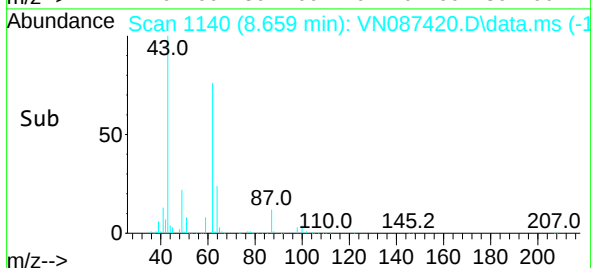
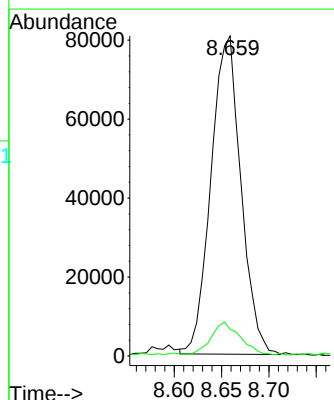
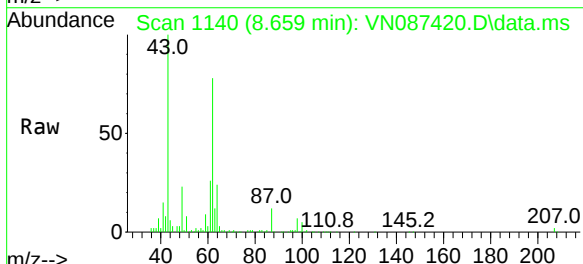
Instrument :
MSVOA_N
ClientSampleId :

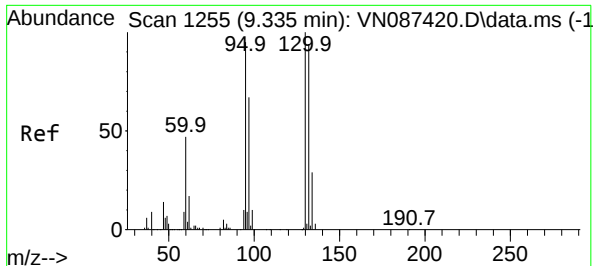
Tgt Ion: 41 Resp: 137977
Ion Ratio Lower Upper
41 100
39 53.4 26.7 80.1
67 66.9 33.5 100.4
52 28.2 14.1 42.3



#36
1,2-Dichloroethane
Concen: 19.597 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 62 Resp: 177682
Ion Ratio Lower Upper
62 100
98 10.1 0.2 0.2#





#37

Trichloroethene

Concen: 19.996 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

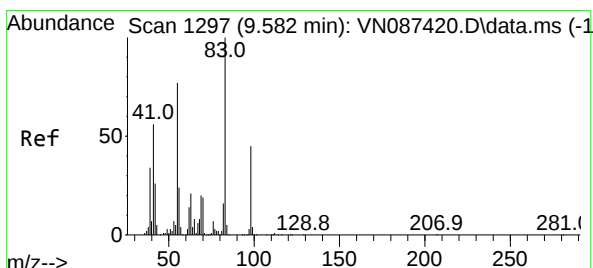
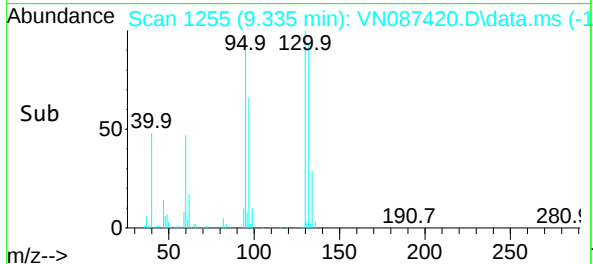
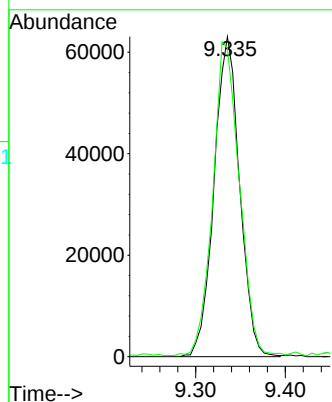
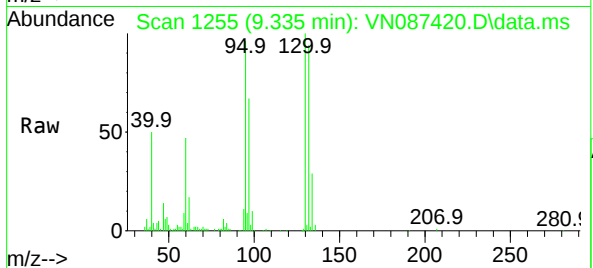
ClientSampleId :

Tgt Ion:130 Resp: 124348

Ion Ratio Lower Upper

130 100

95 95.5 76.4 114.6



#38

Methylcyclohexane

Concen: 19.608 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

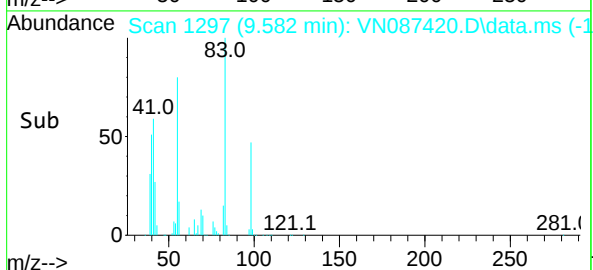
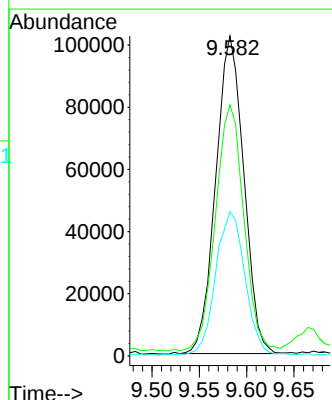
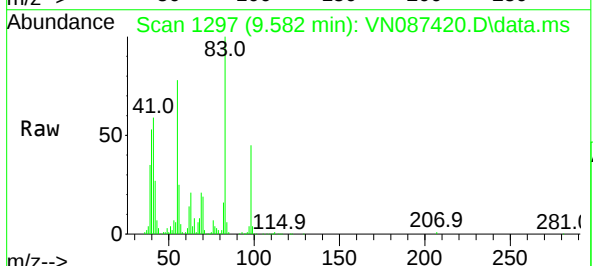
Tgt Ion: 83 Resp: 210652

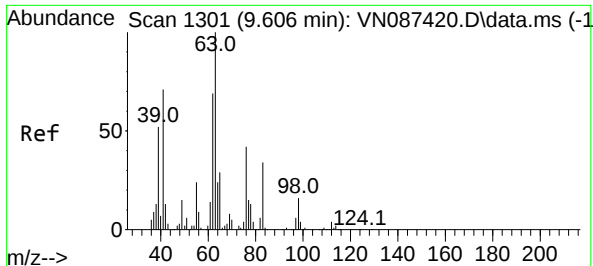
Ion Ratio Lower Upper

83 100

55 78.7 39.4 118.1

98 47.2 23.6 70.8





#39

1,2-Dichloropropane

Concen: 19.709 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

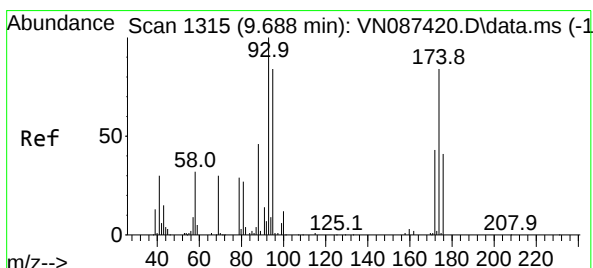
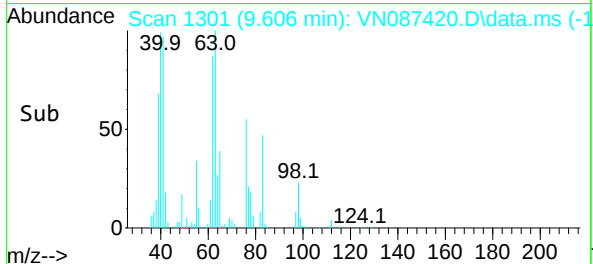
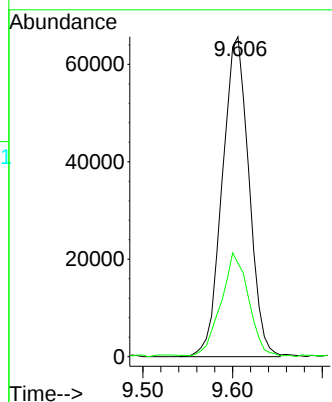
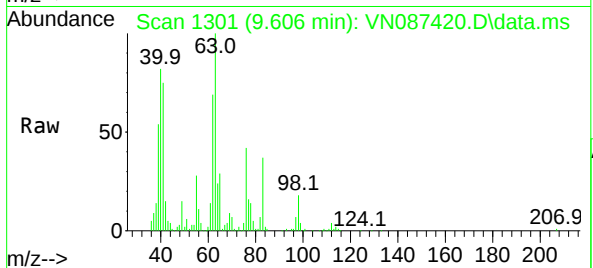
ClientSampleId :

Tgt Ion: 63 Resp: 135182

Ion Ratio Lower Upper

63 100

65 28.9 23.1 34.7



#40

Dibromomethane

Concen: 19.434 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

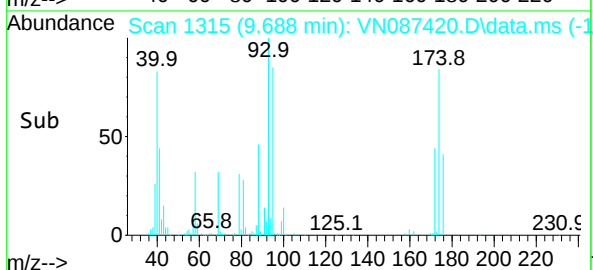
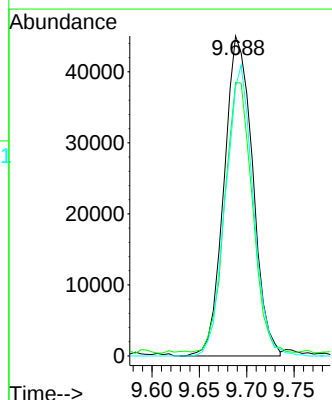
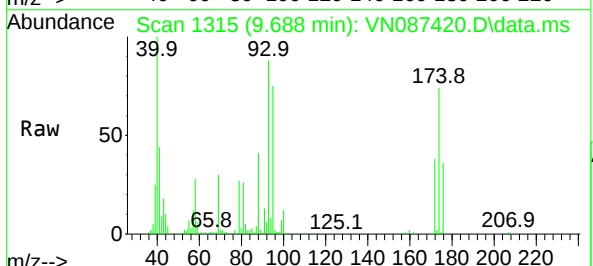
Tgt Ion: 93 Resp: 94554

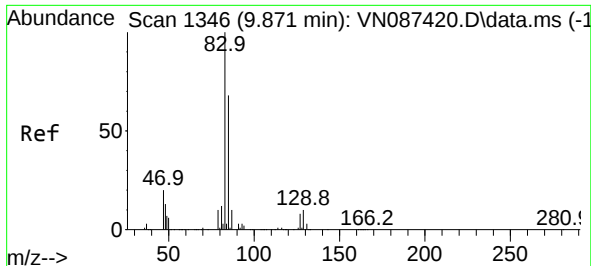
Ion Ratio Lower Upper

93 100

95 82.4 0.0 164.8

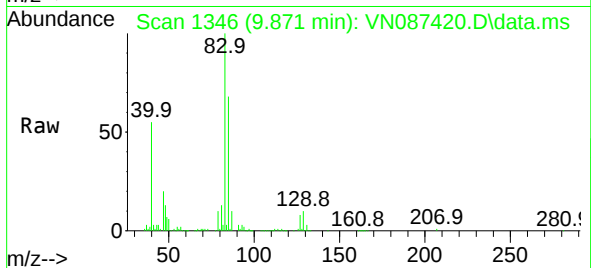
174 87.2 0.0 174.4



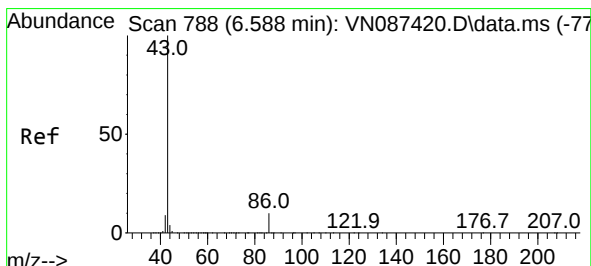
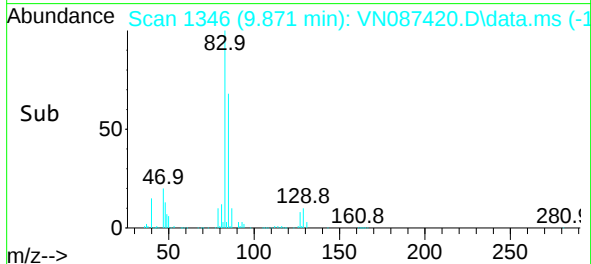
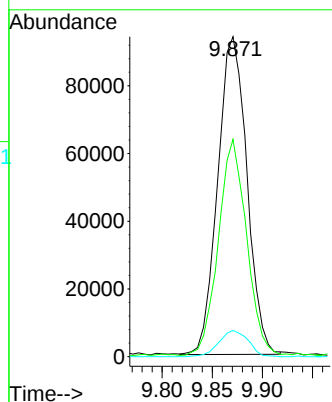


#41
Bromodichloromethane
Concen: 19.417 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :

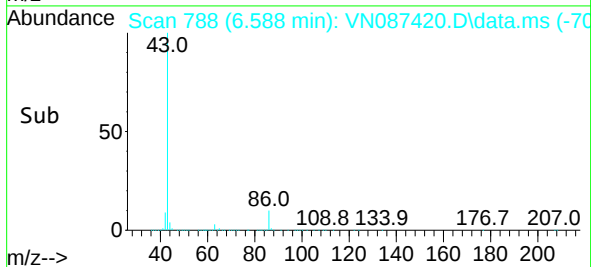
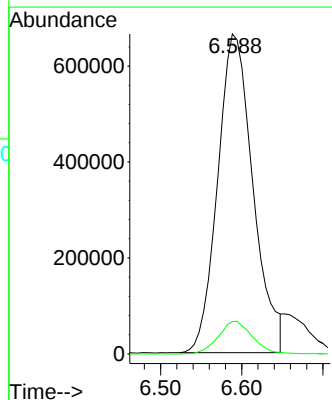
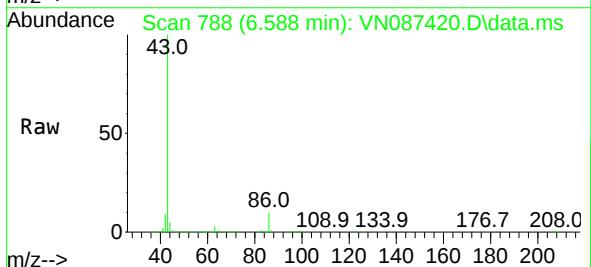


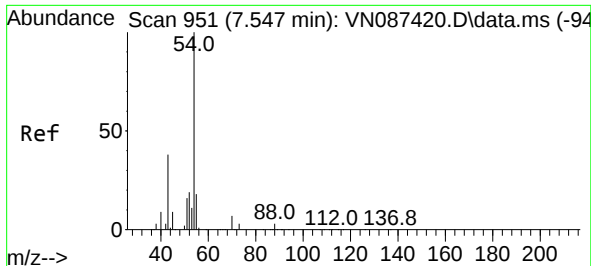
Tgt Ion: 83 Resp: 190135
Ion Ratio Lower Upper
83 100
85 68.1 54.5 81.7
127 8.3 6.6 10.0



#42
Vinyl Acetate
Concen: 99.032 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 43 Resp: 2011260
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9

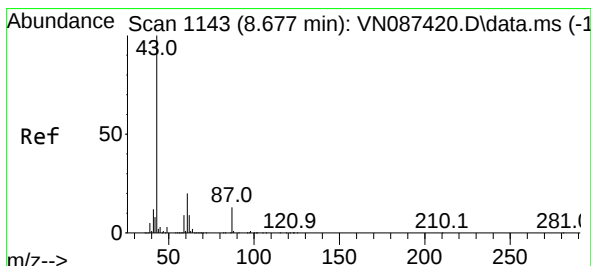
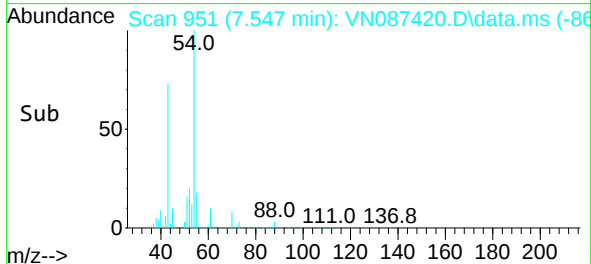
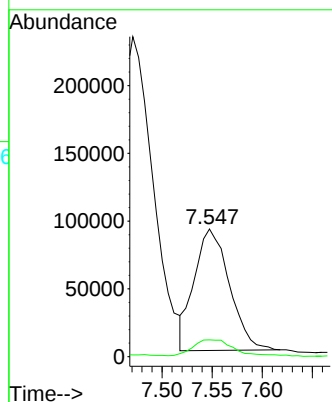
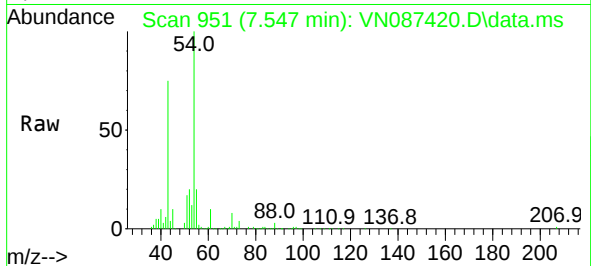




#43
Ethyl Acetate
Concen: 17.680 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

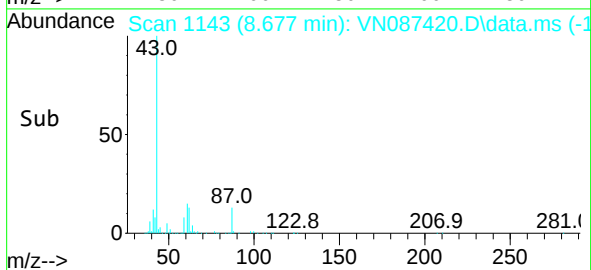
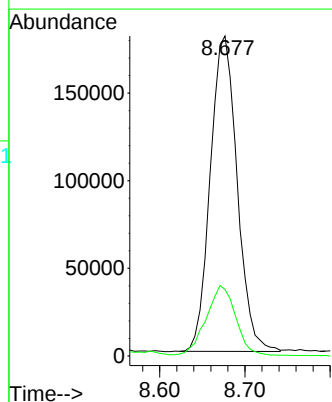
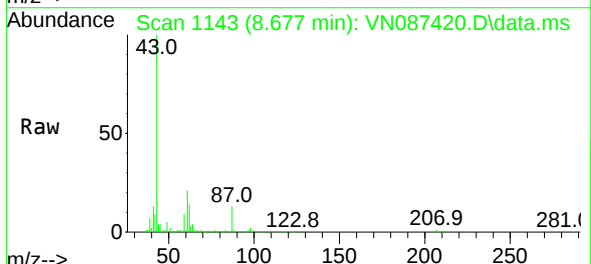
Instrument :
MSVOA_N
ClientSampleId :

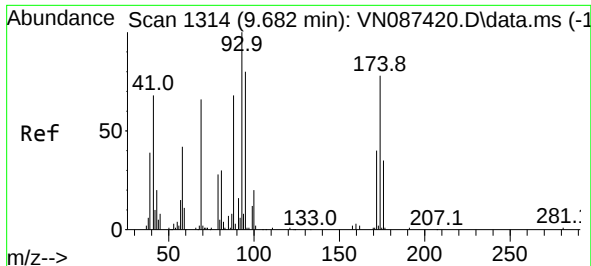
Tgt Ion: 43 Resp: 218727
Ion Ratio Lower Upper
43 100
45 8.7 1.6 2.4#



#44
Isopropyl Acetate
Concen: 19.982 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 43 Resp: 394930
Ion Ratio Lower Upper
43 100
61 25.0 20.0 30.0

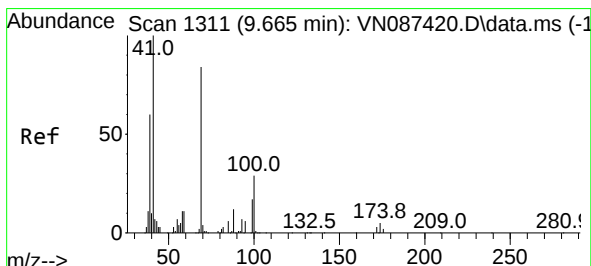
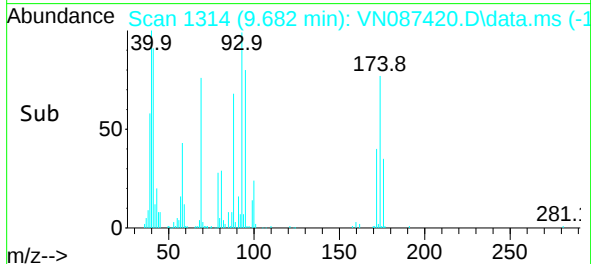
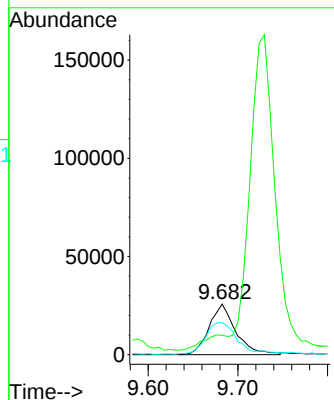
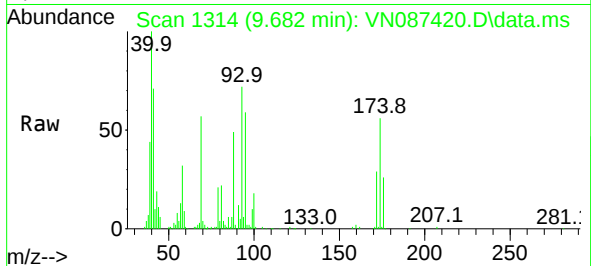




#45
1,4-Dioxane
Concen: 423.929 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

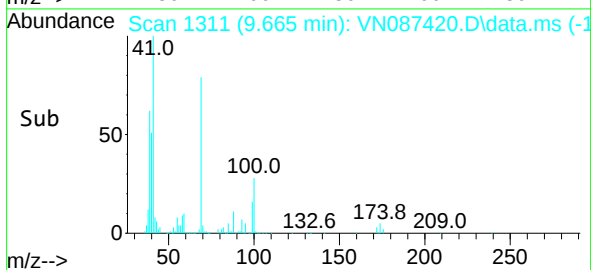
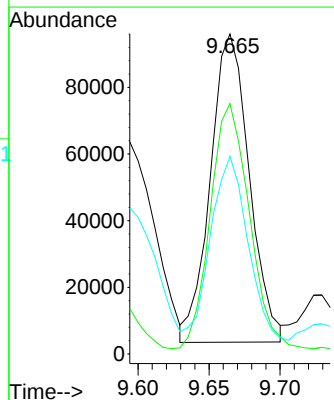
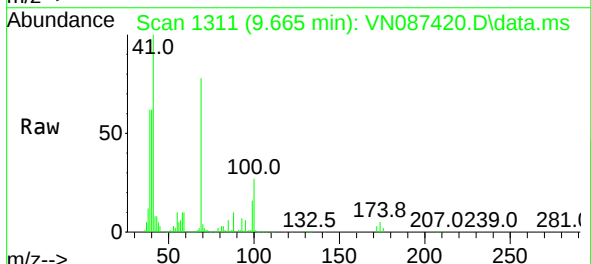
Instrument :
MSVOA_N
ClientSampleId :

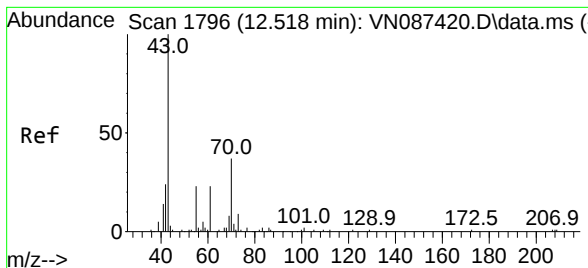
Tgt Ion: 88 Resp: 53161
Ion Ratio Lower Upper
88 100
43 28.4 22.7 34.1
58 70.3 56.2 84.4



#46
Methyl methacrylate
Concen: 19.143 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 41 Resp: 176163
Ion Ratio Lower Upper
41 100
69 83.8 41.9 125.7
39 62.3 31.1 93.5

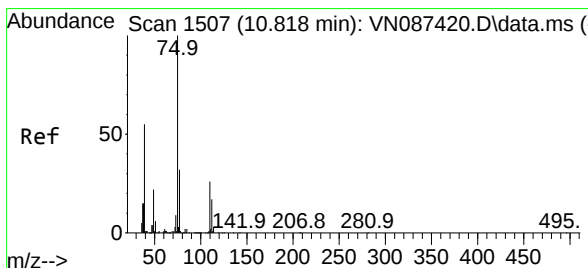
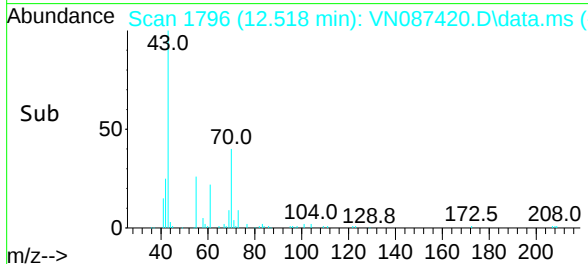
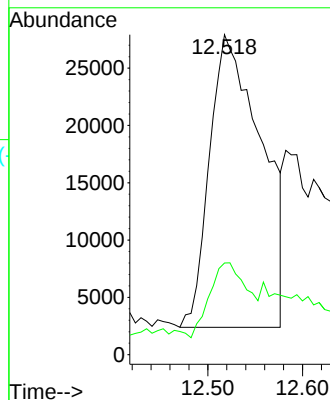
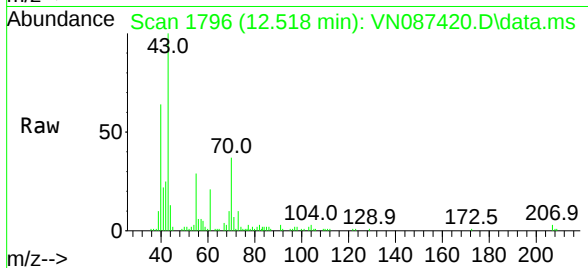




#47
n-amy1 Acetate
Concen: 11.960 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

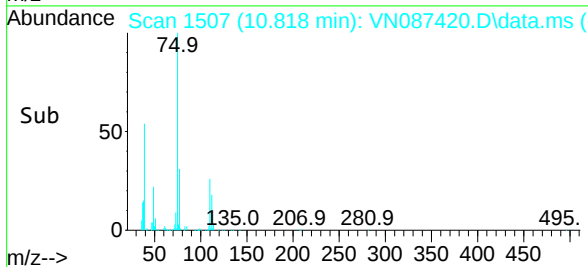
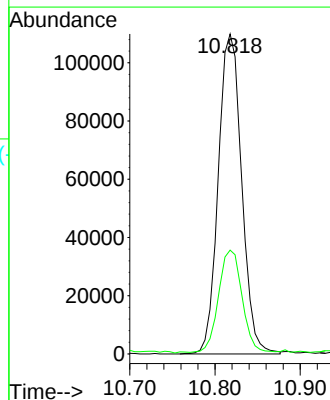
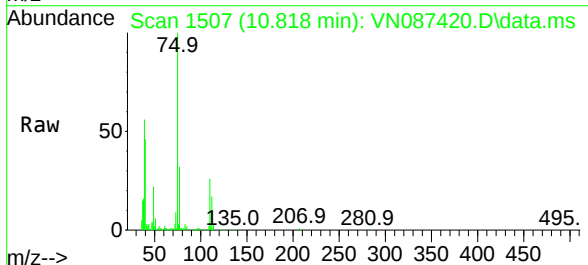
Instrument :
MSVOA_N
ClientSampleId :

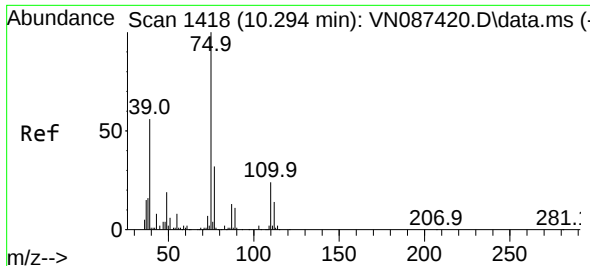
Tgt Ion: 43 Resp: 97455
Ion Ratio Lower Upper
43 100
55 18.8 15.0 22.6



#48
t-1,3-Dichloropropene
Concen: 18.994 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 75 Resp: 209390
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 19.050 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.000 min

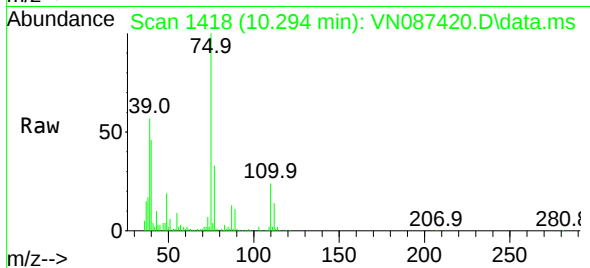
Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :



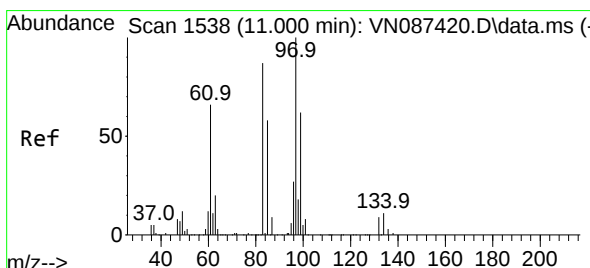
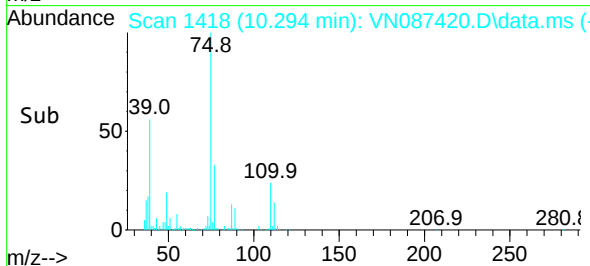
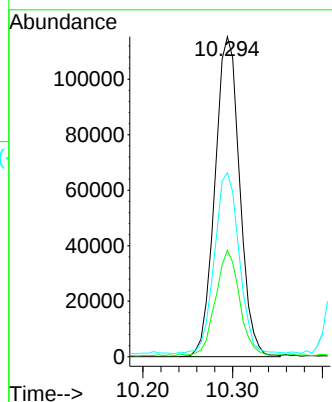
Tgt Ion: 75 Resp: 220552

Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

39 56.2 45.0 67.4



#50

1,1,2-Trichloroethane

Concen: 19.109 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Tgt Ion: 97 Resp: 123760

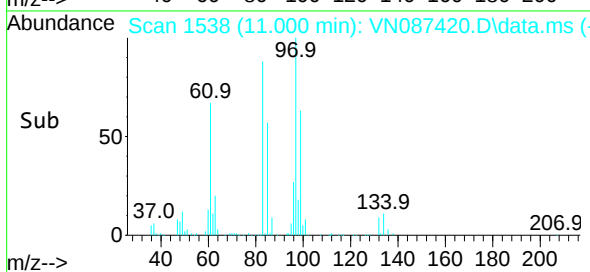
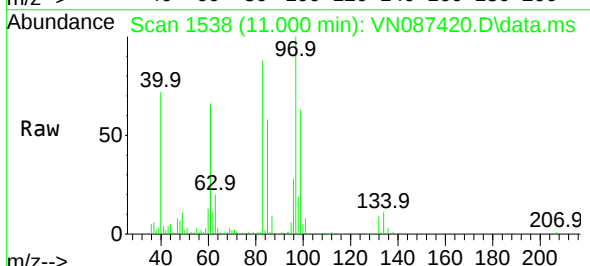
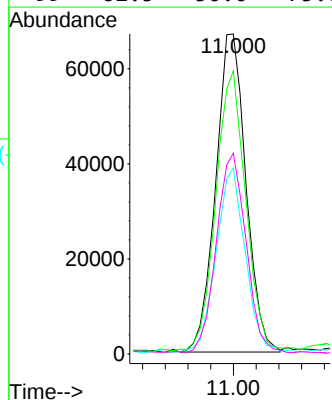
Ion Ratio Lower Upper

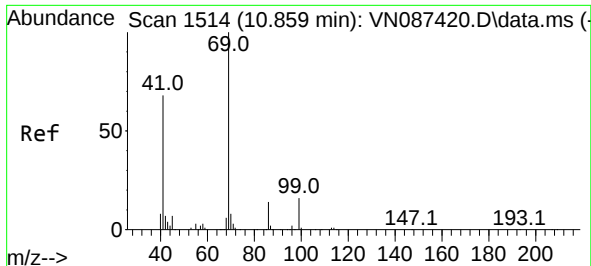
97 100

83 87.5 70.0 105.0

85 57.7 46.2 69.2

99 62.5 50.0 75.0

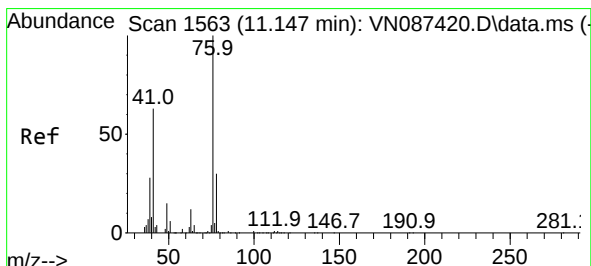
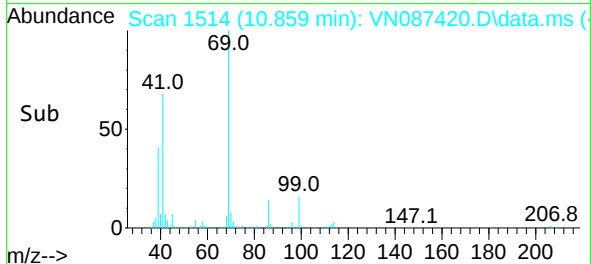
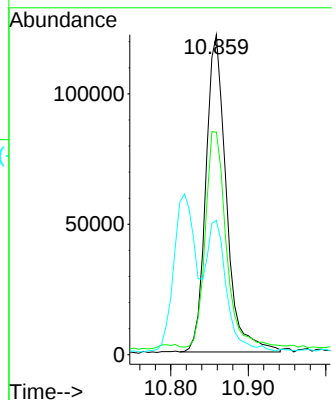
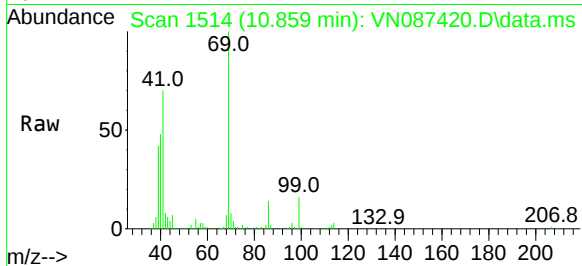




#51
Ethyl methacrylate
Concen: 19.026 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

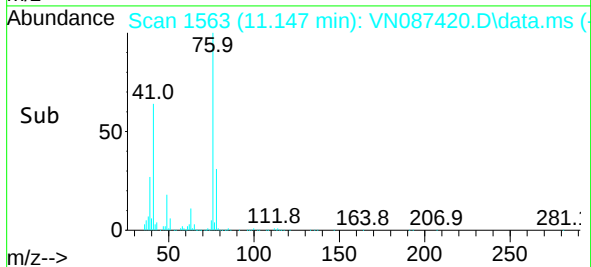
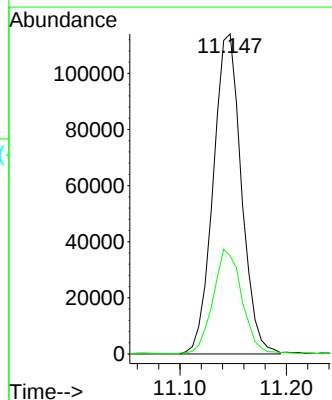
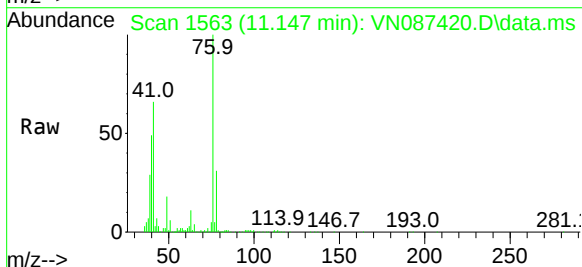
Instrument :
MSVOA_N
ClientSampleId :

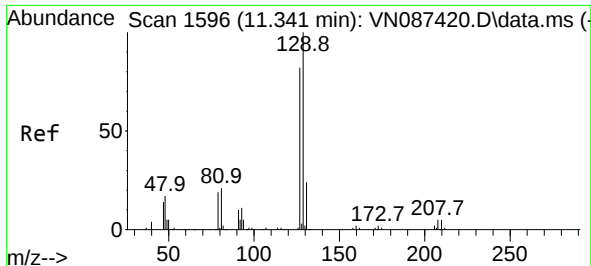
Tgt Ion: 69 Resp: 223158
Ion Ratio Lower Upper
69 100
41 67.7 33.9 101.6
39 40.6 20.3 60.9



#52
1,3-Dichloropropane
Concen: 18.728 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 76 Resp: 209626
Ion Ratio Lower Upper
76 100
78 33.7 0.0 67.4

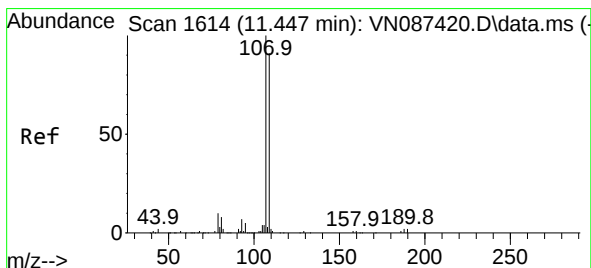
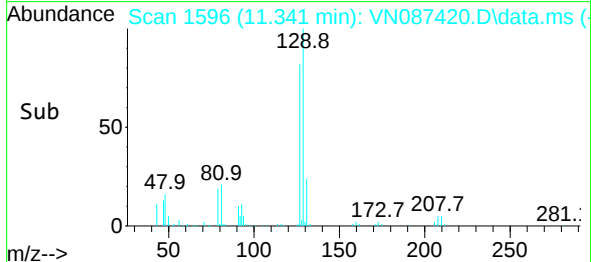
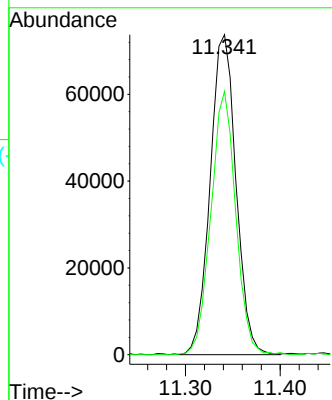
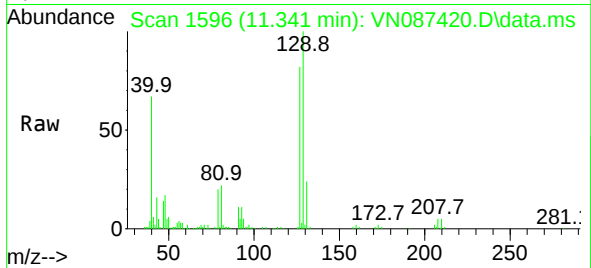




#53
Dibromochloromethane
Concen: 18.818 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

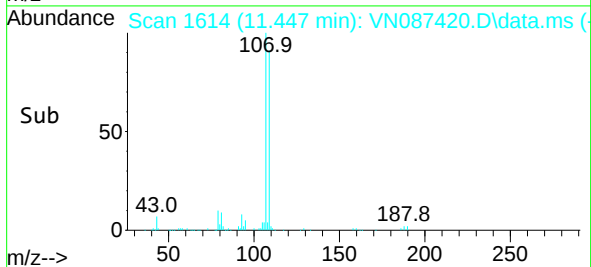
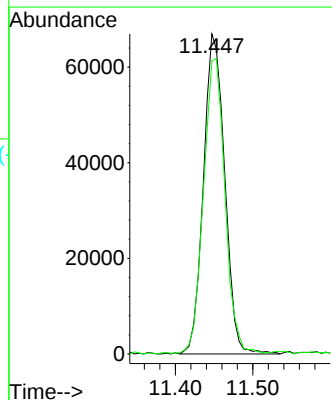
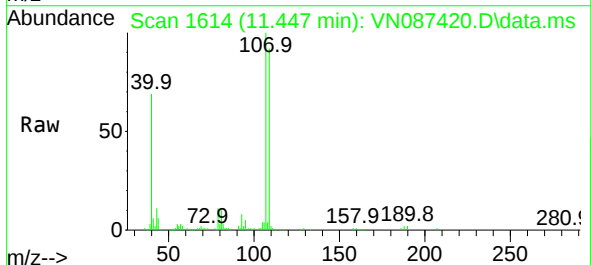
Instrument :
MSVOA_N
ClientSampleId :

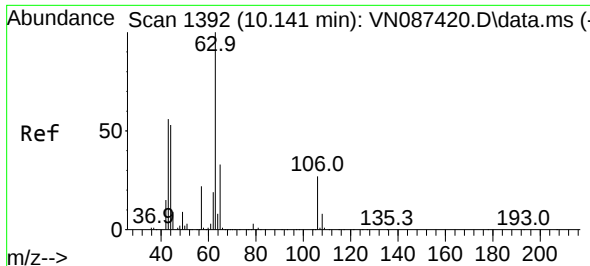
Tgt Ion:129 Resp: 139794
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.3



#54
1,2-Dibromoethane
Concen: 18.727 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion:107 Resp: 127613
Ion Ratio Lower Upper
107 100
109 92.4 73.9 110.9

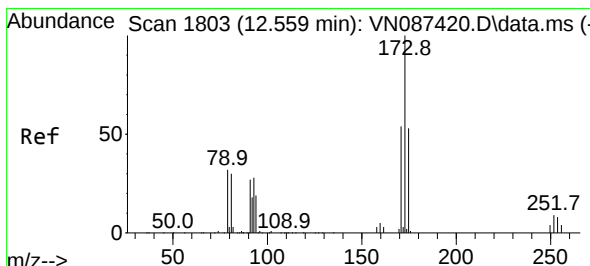
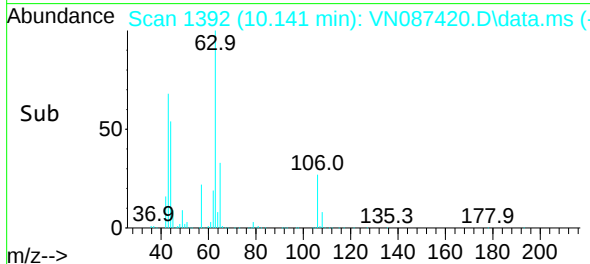
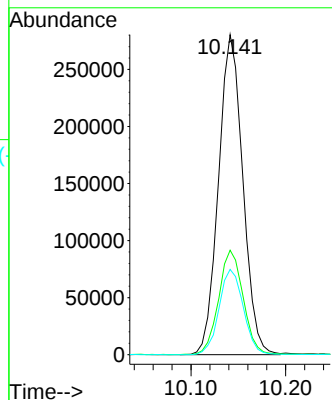
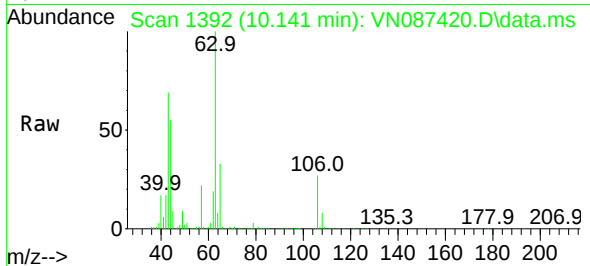




#55
 2-Chloroethyl vinyl ether
 Concen: 103.936 ug/l
 RT: 10.141 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

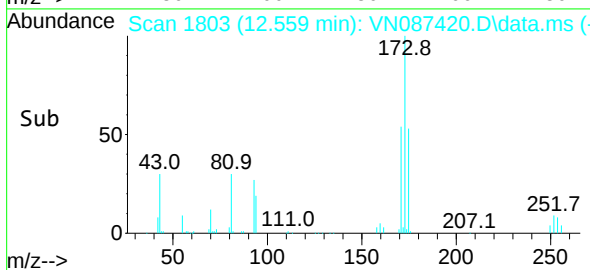
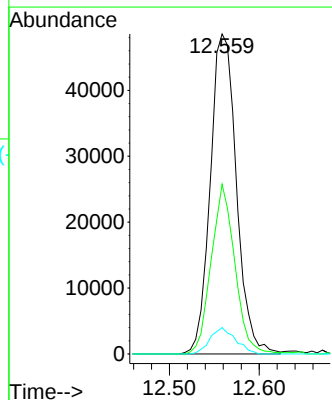
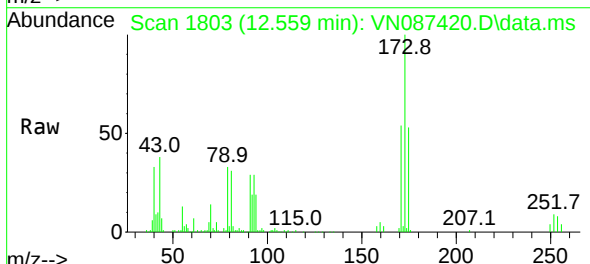
Instrument :
 MSVOA_N
 ClientSampleId :

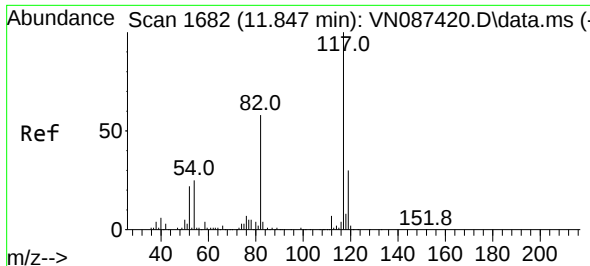
Tgt Ion: 63 Resp: 501216
 Ion Ratio Lower Upper
 63 100
 65 32.7 26.2 39.2
 106 26.6 21.3 31.9



#56
 Bromoform
 Concen: 18.848 ug/l
 RT: 12.559 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

Tgt Ion: 173 Resp: 98259
 Ion Ratio Lower Upper
 173 100
 175 48.0 38.4 57.6
 254 8.0 6.4 9.6

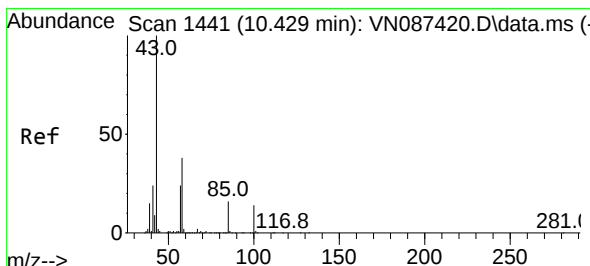
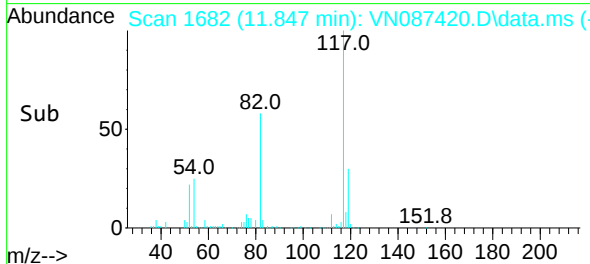
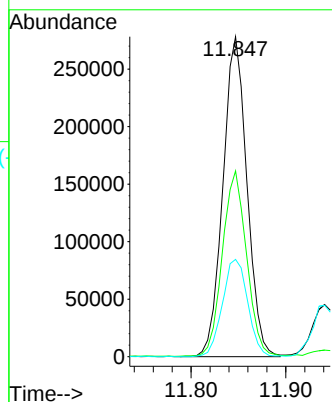
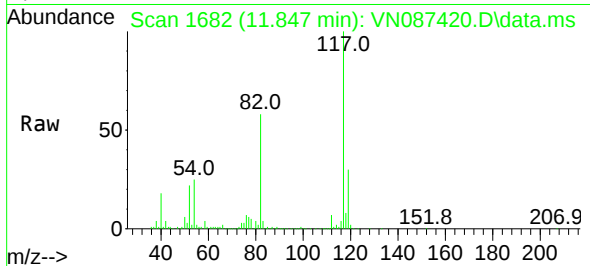




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

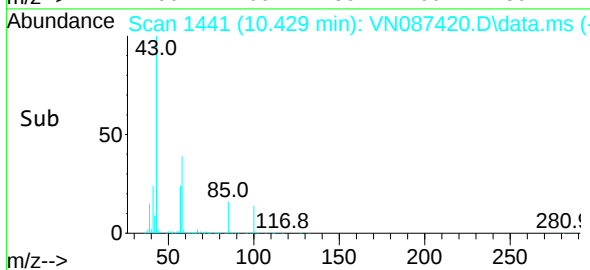
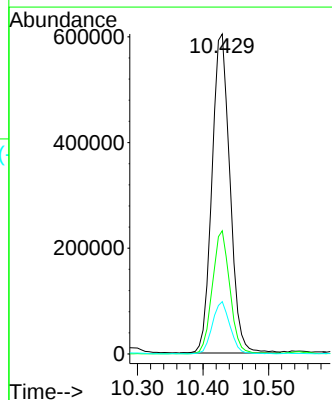
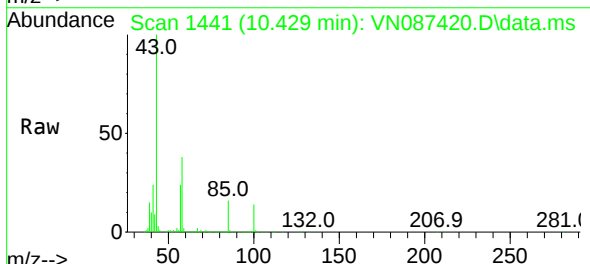
Instrument :
MSVOA_N
ClientSampleId :

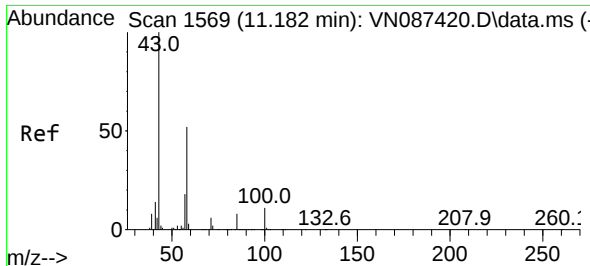
Tgt Ion:117 Resp: 490436
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 104.054 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 43 Resp: 1149475
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9
85 16.0 12.8 19.2

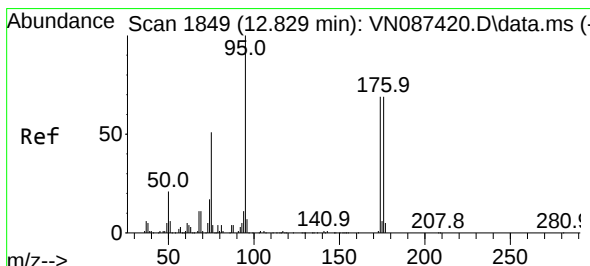
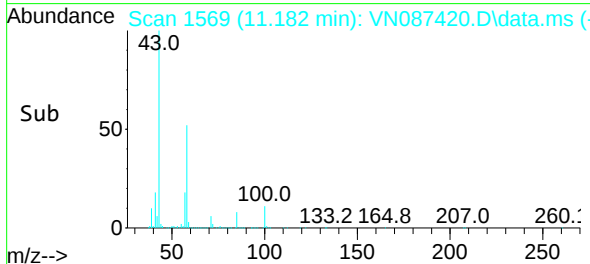
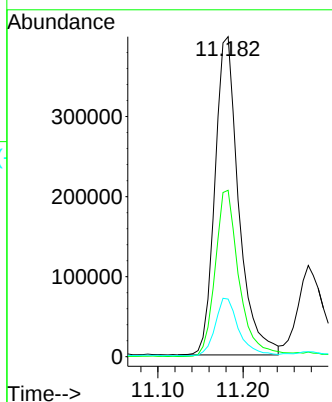
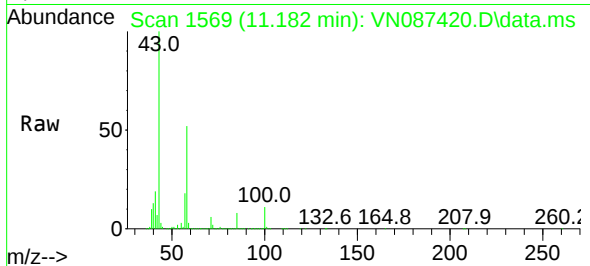




#59
2-Hexanone
Concen: 100.652 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

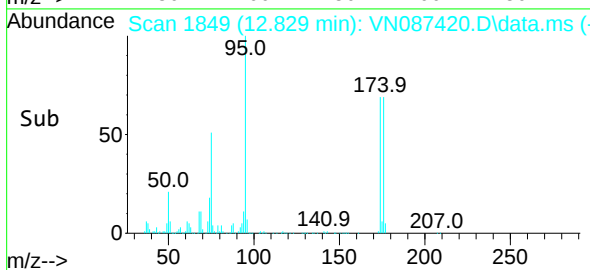
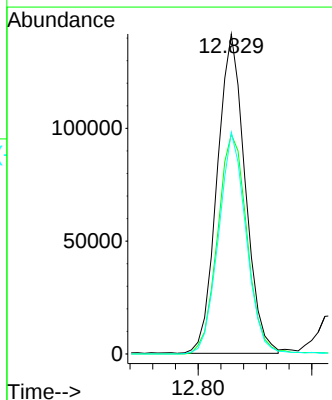
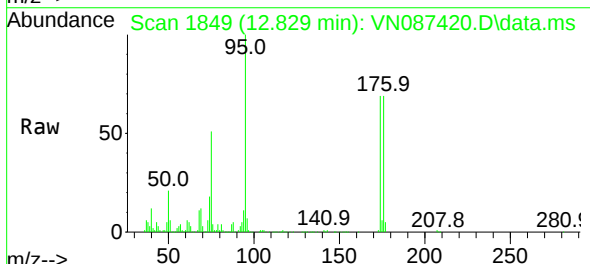
Instrument :
MSVOA_N
ClientSampleId :

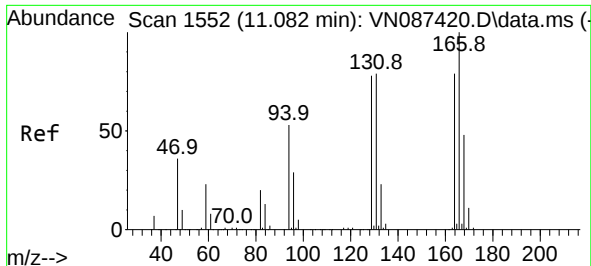
Tgt Ion: 43 Resp: 770544
Ion Ratio Lower Upper
43 100
58 52.7 42.2 63.2
57 17.9 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 30.044 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

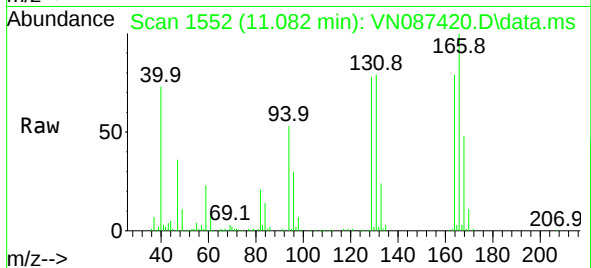
Tgt Ion: 95 Resp: 241964
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 68.6 54.9 82.3



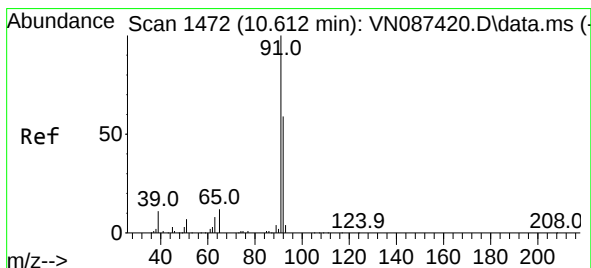
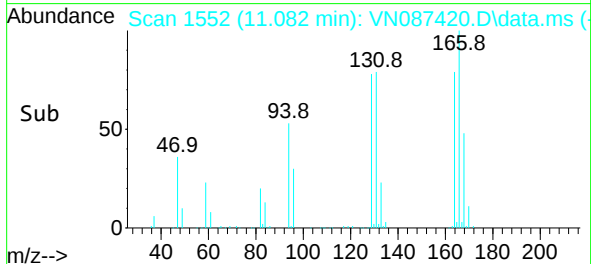
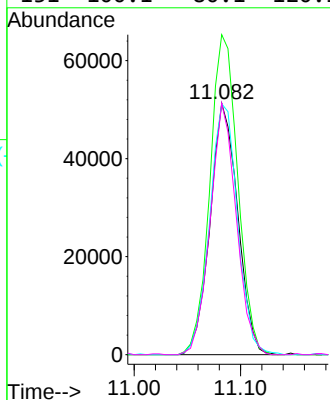


#61
Tetrachloroethene
Concen: 19.823 ug/l
RT: 11.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :

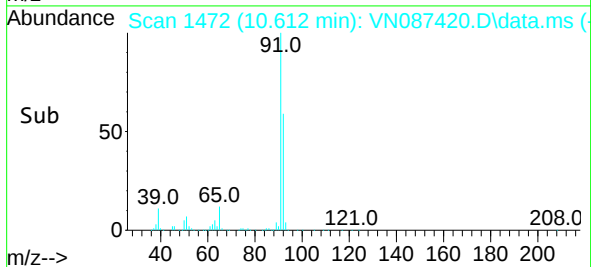
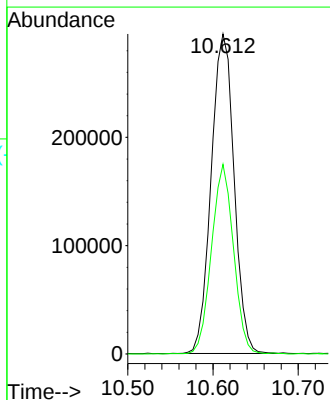
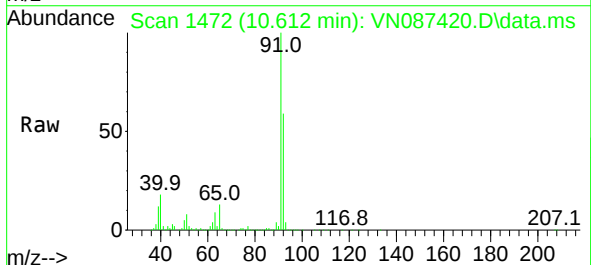


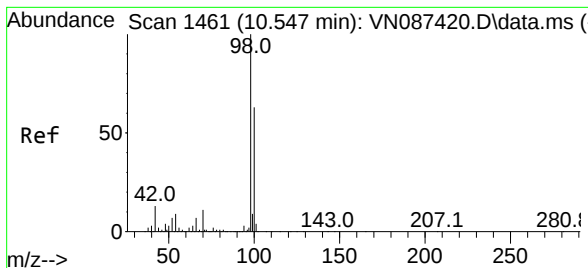
Tgt Ion:164 Resp: 92302
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 99.8 79.8 119.8
131 100.1 80.1 120.1



#62
Toluene
Concen: 19.910 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 91 Resp: 551064
Ion Ratio Lower Upper
91 100
92 57.0 45.6 68.4





#63

Toluene-d8

Concen: 30.064 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

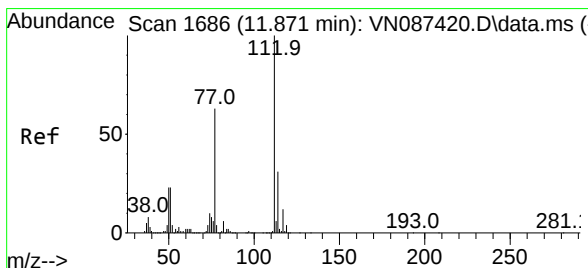
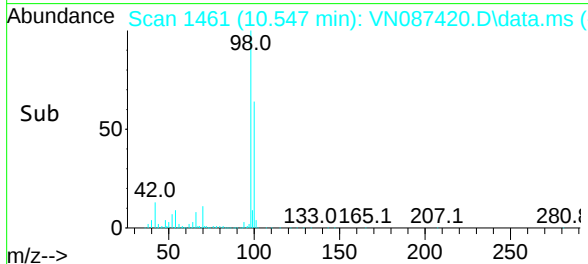
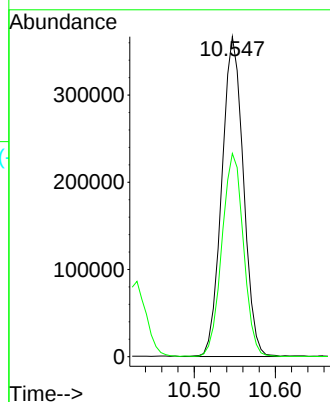
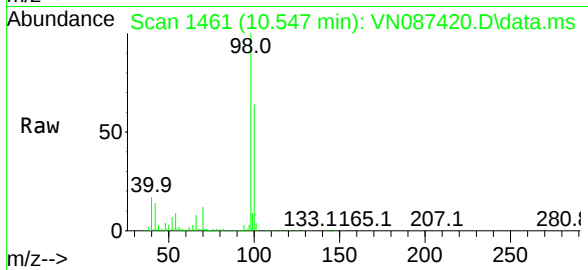
ClientSampleId :

Tgt Ion: 98 Resp: 677131

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#64

Chlorobenzene

Concen: 19.966 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087420.D

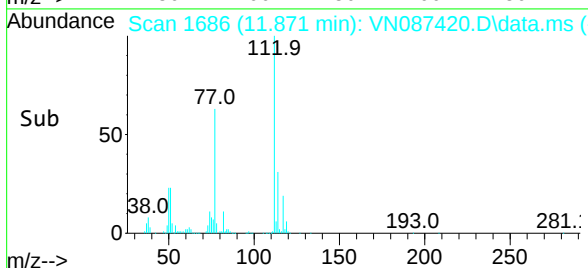
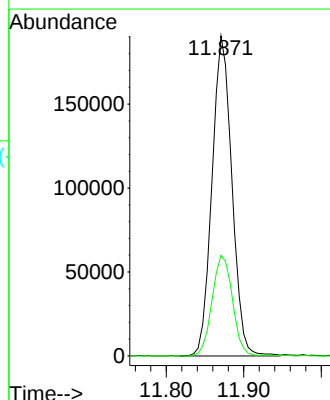
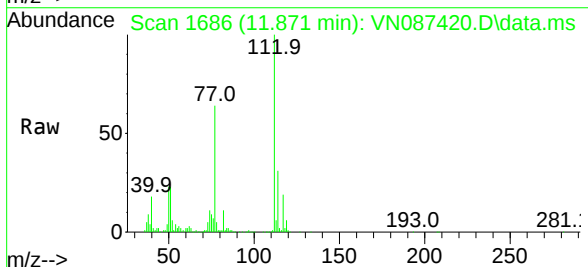
Acq: 28 Jul 2025 10:06

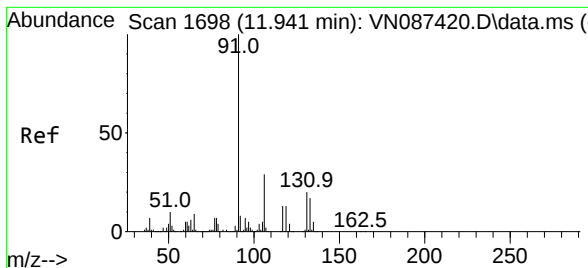
Tgt Ion: 112 Resp: 339856

Ion Ratio Lower Upper

112 100

114 31.5 25.2 37.8

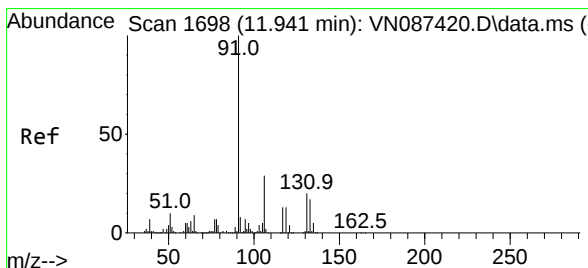
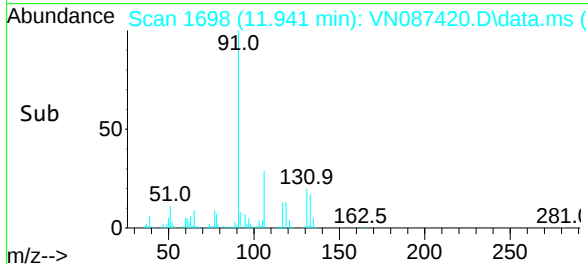
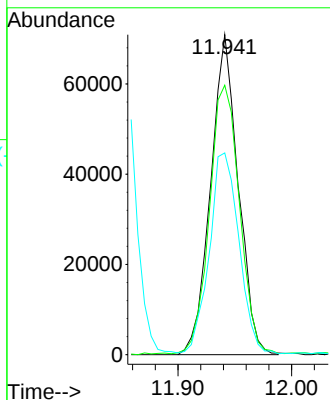
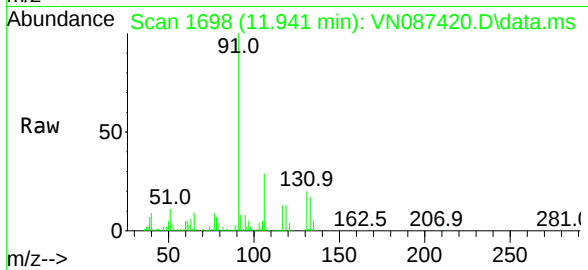




#65
1,1,1,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

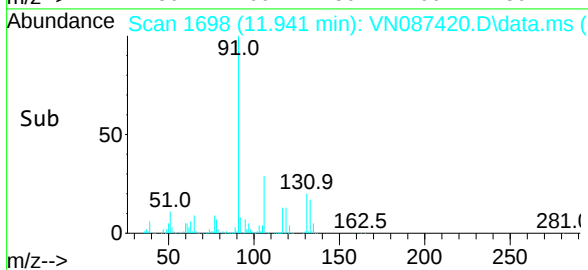
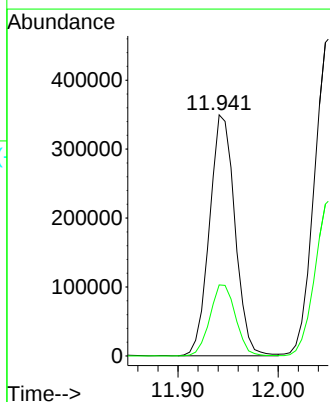
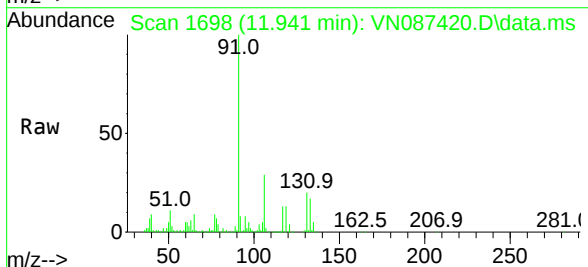
Instrument :
MSVOA_N
ClientSampleId :

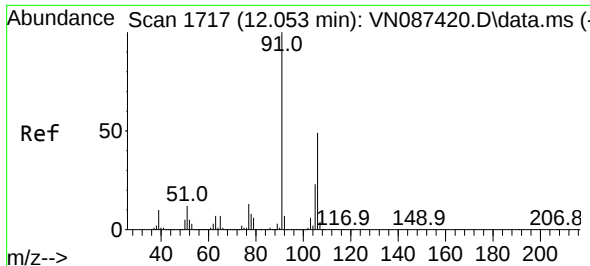
Tgt Ion:131 Resp: 119776
Ion Ratio Lower Upper
131 100
133 92.1 0.0 184.2
119 68.2 0.0 136.4



#66
Ethyl Benzene
Concen: 20.399 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 91 Resp: 616868
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

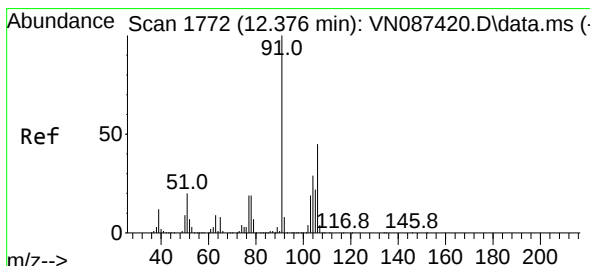
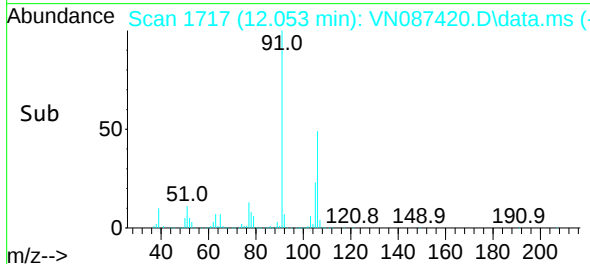
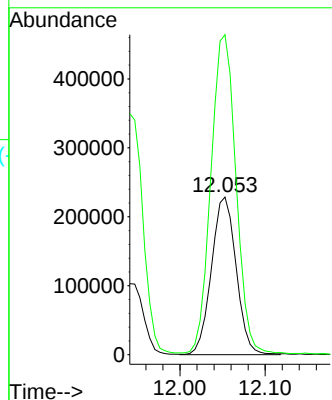
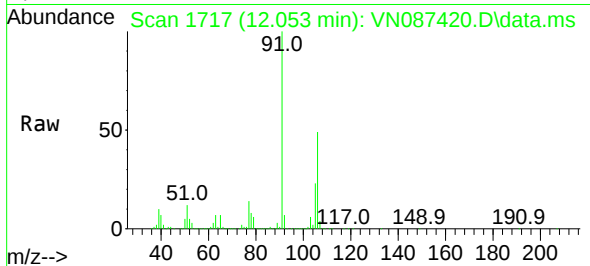




#67
m/p-Xylenes
Concen: 40.629 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

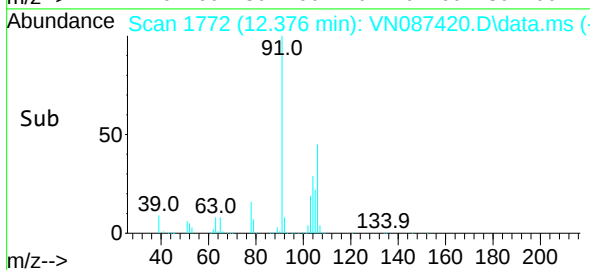
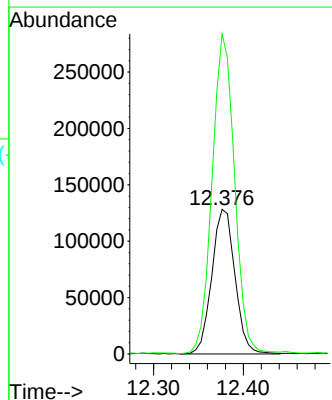
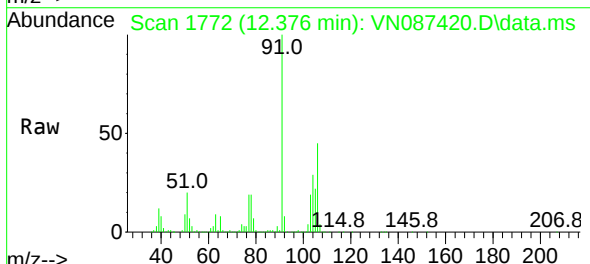
Instrument :
MSVOA_N
ClientSampleId :

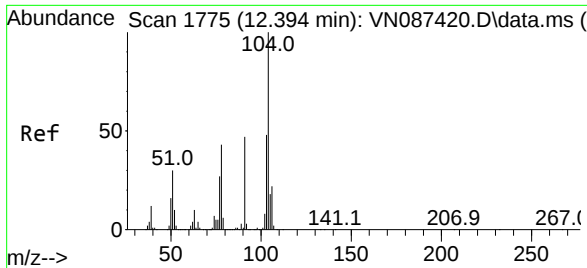
Tgt Ion:106 Resp: 460356
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.2



#68
o-Xylene
Concen: 20.744 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion:106 Resp: 230015
Ion Ratio Lower Upper
106 100
91 213.9 106.9 320.8

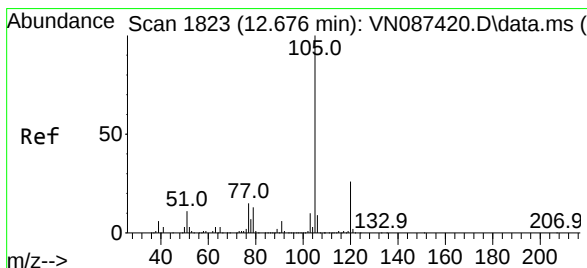
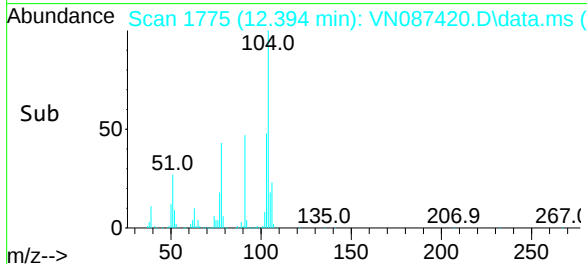
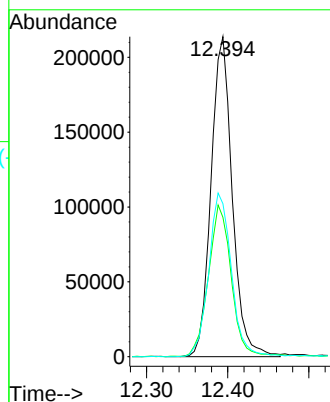
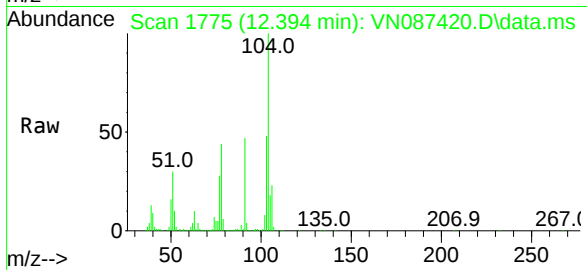




#69
Styrene
Concen: 20.468 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

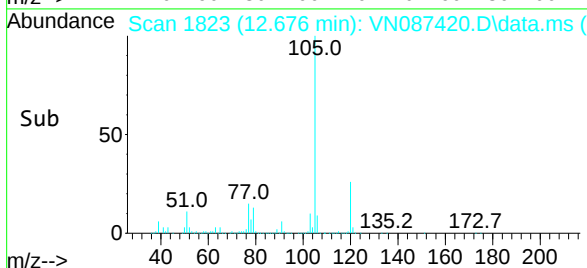
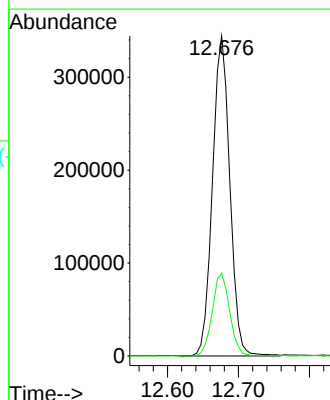
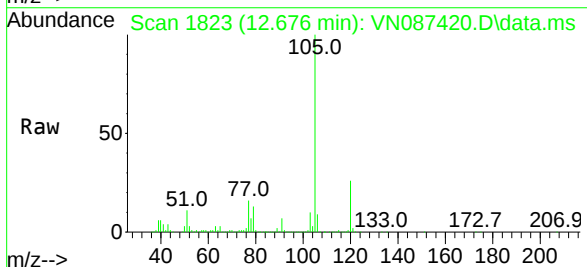
Instrument :
MSVOA_N
ClientSampleId :

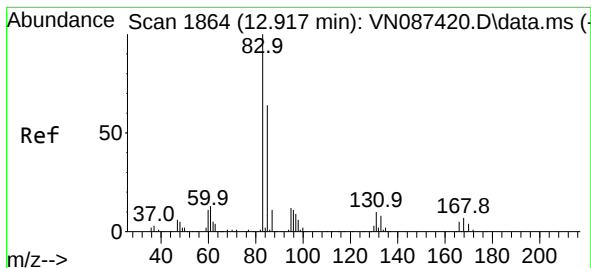
Tgt Ion:104 Resp: 388194
Ion Ratio Lower Upper
104 100
78 50.7 40.6 60.8
103 54.8 43.8 65.8



#70
Isopropylbenzene
Concen: 20.474 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion:105 Resp: 583004
Ion Ratio Lower Upper
105 100
120 25.8 18.1 33.5

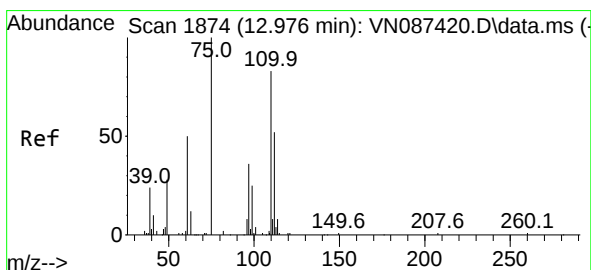
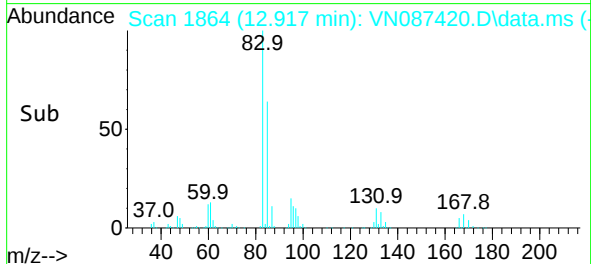
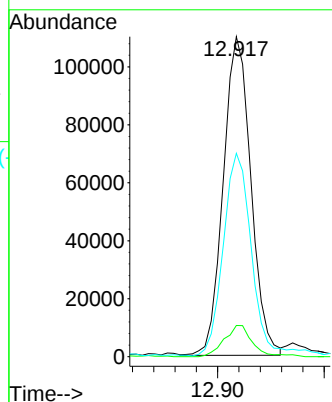
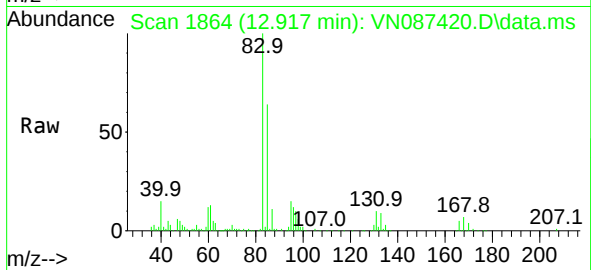




#71
1,1,2,2-Tetrachloroethane
Concen: 20.409 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

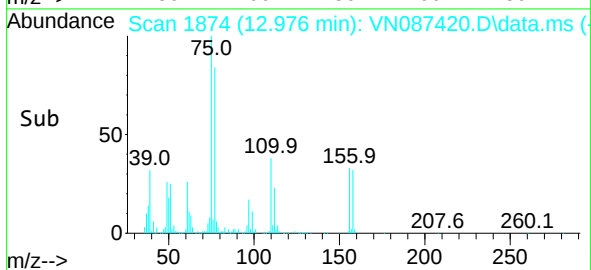
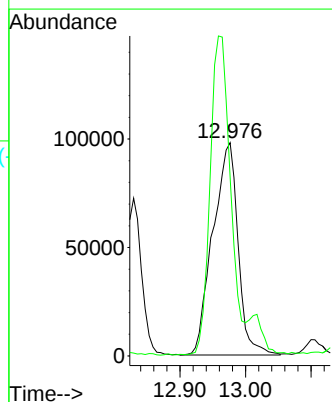
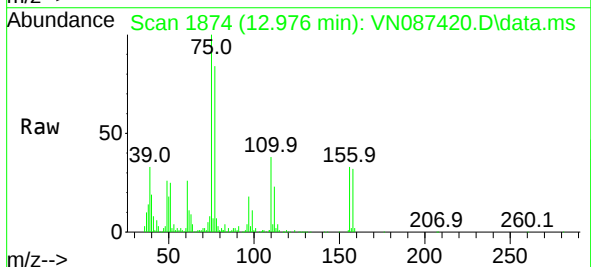
Instrument :
MSVOA_N
ClientSampleId :

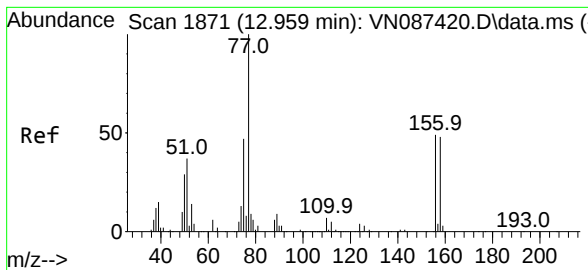
Tgt Ion: 83 Resp: 198171
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.4 32.7 98.1



#72
1,2,3-Trichloropropane
Concen: 29.509 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 75 Resp: 260629
Ion Ratio Lower Upper
75 100
77 121.2 0.0 322.6

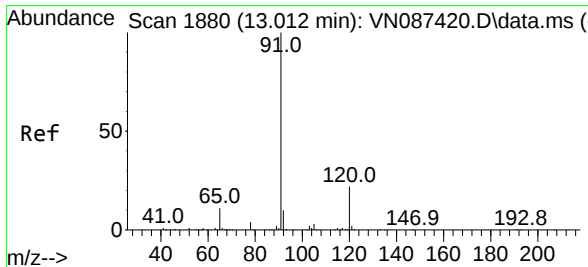
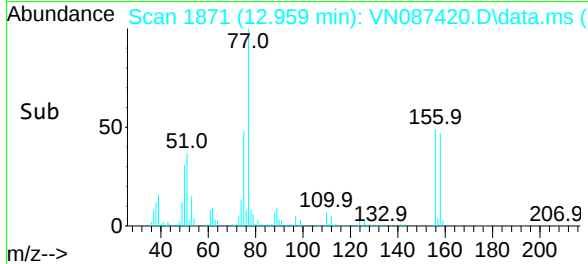
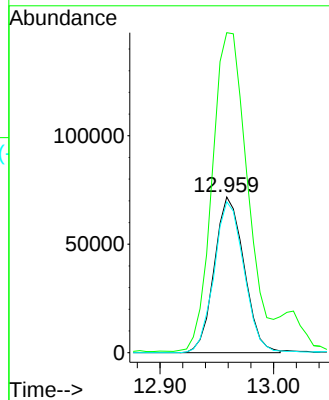
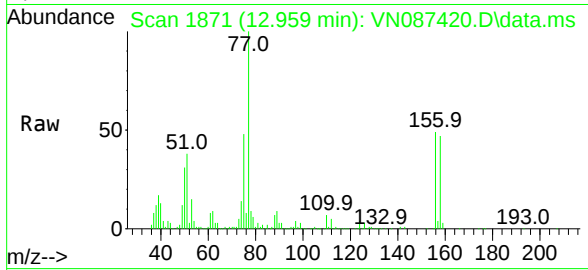




#73
Bromobenzene
Concen: 19.779 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

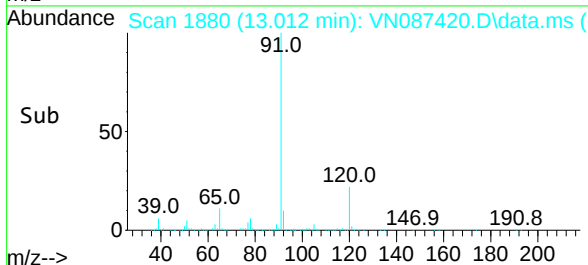
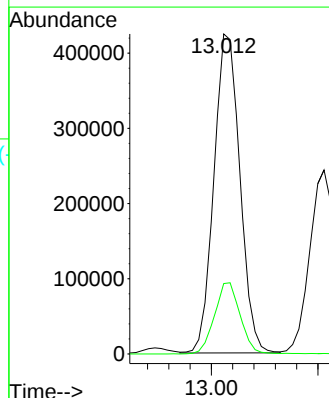
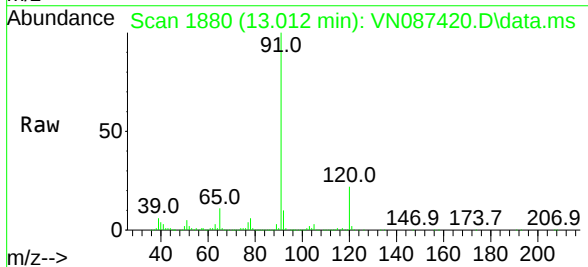
Instrument :
MSVOA_N
ClientSampleId :

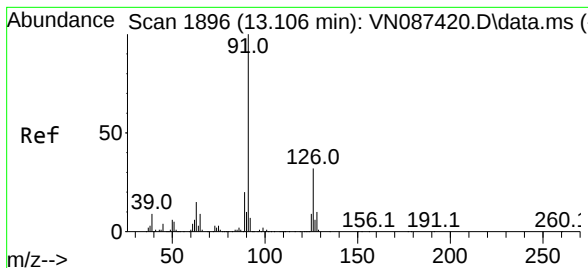
Tgt Ion:	156	Resp:	130858
Ion Ratio	Lower	Upper	
156	100		
77	241.5	0.0	483.0
158	97.5	0.0	195.0



#74
n-propylbenzene
Concen: 20.431 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion:	91	Resp:	718289
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	44.0

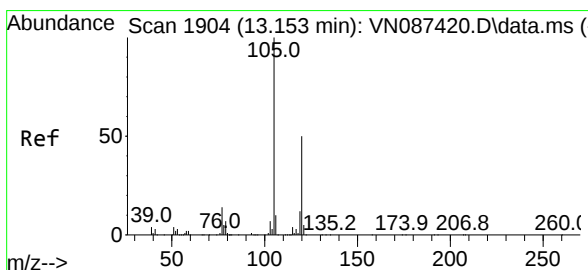
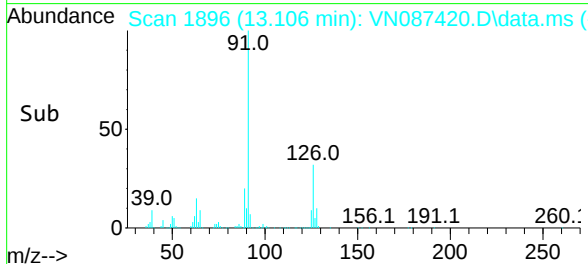
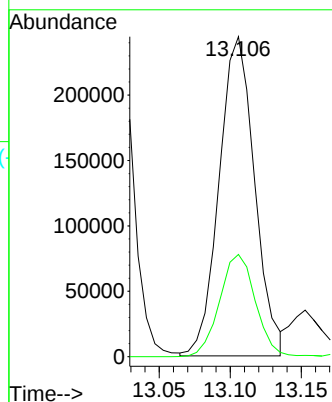
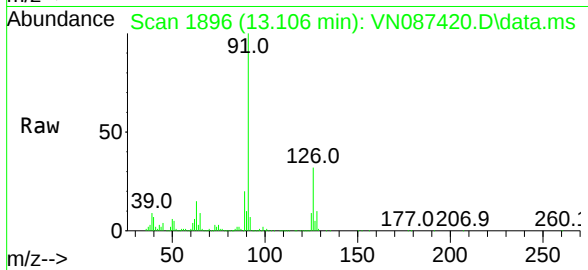




#75
2-Chlorotoluene
Concen: 20.352 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

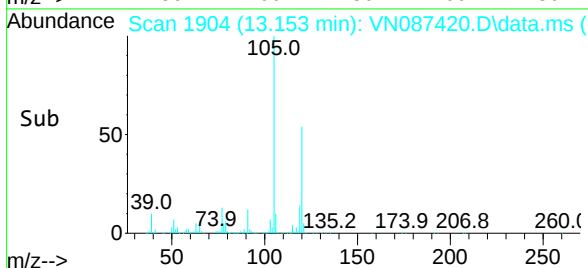
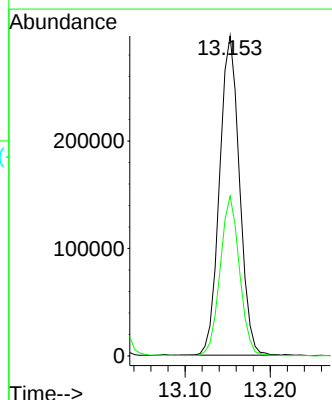
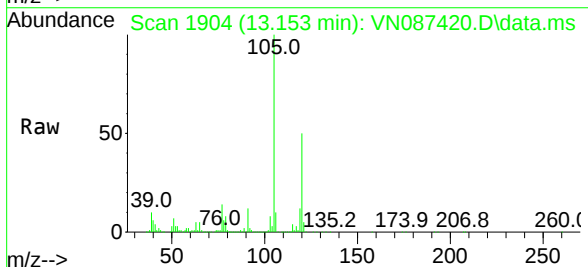
Instrument :
MSVOA_N
ClientSampleId :

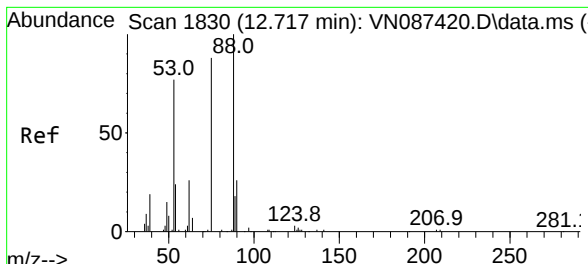
Tgt Ion: 91 Resp: 424649
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 20.483 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087420.D
Acq: 28 Jul 2025 10:06

Tgt Ion: 105 Resp: 483204
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.0

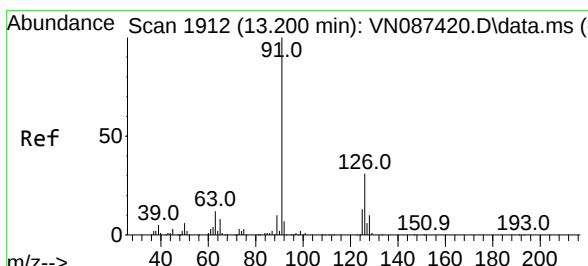
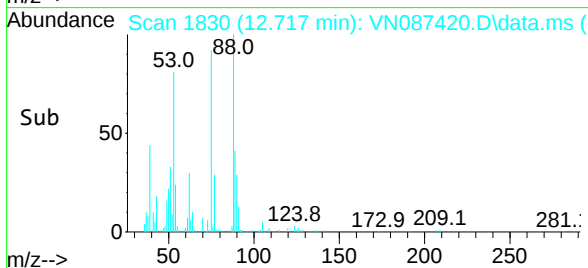
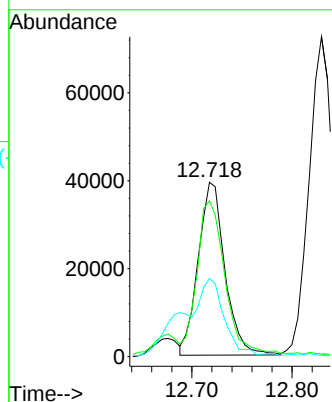
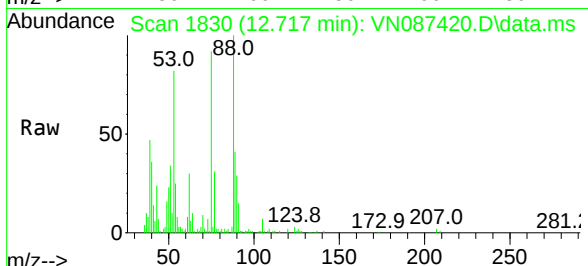




#77
 t-1,4-Dichloro-2-butene
 Concen: 19.488 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

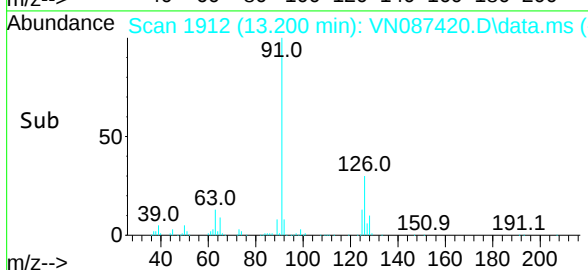
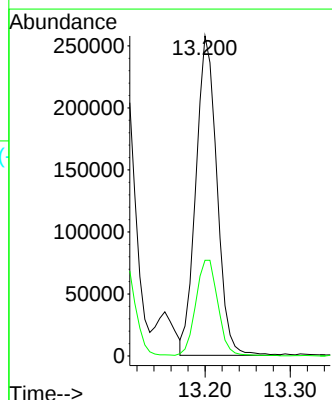
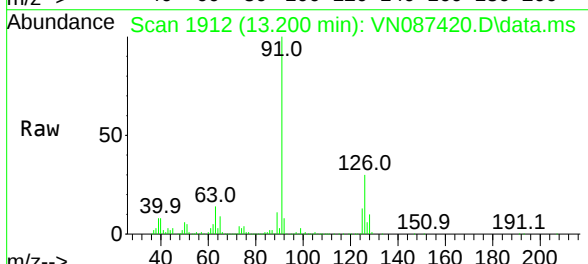
Instrument :
 MSVOA_N
 ClientSampleId :

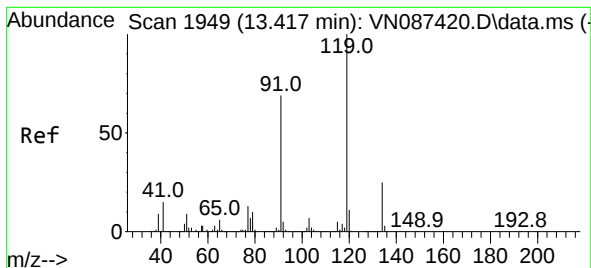
Tgt Ion: 75 Resp: 73038
 Ion Ratio Lower Upper
 75 100
 53 88.5 44.3 132.8
 89 44.9 22.4 67.3



#78
 4-Chlorotoluene
 Concen: 20.576 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

Tgt Ion: 91 Resp: 440861
 Ion Ratio Lower Upper
 91 100
 126 31.7 0.0 63.4





#79

tert-butylbenzene

Concen: 20.540 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

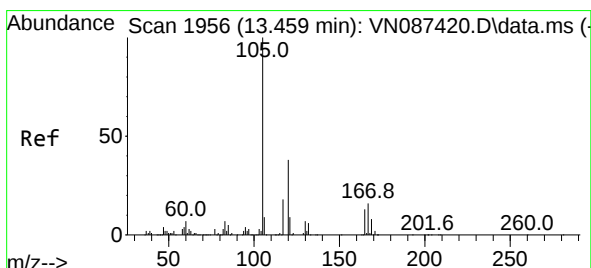
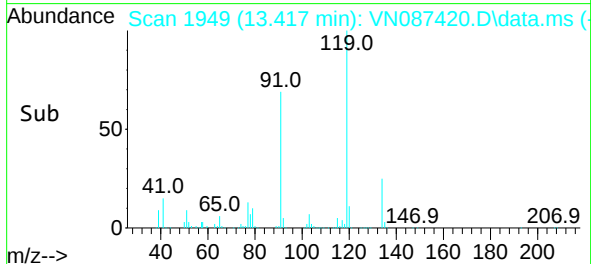
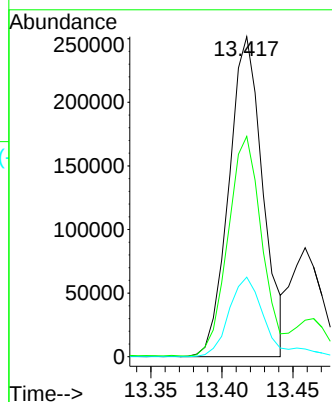
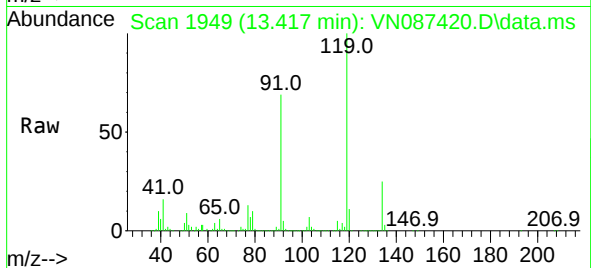
Tgt Ion:119 Resp: 418588

Ion Ratio Lower Upper

119 100

91 67.7 0.0 135.4

134 24.6 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 20.743 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087420.D

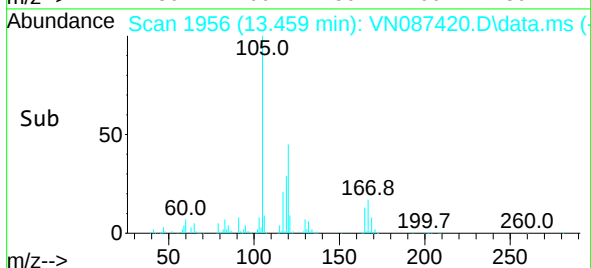
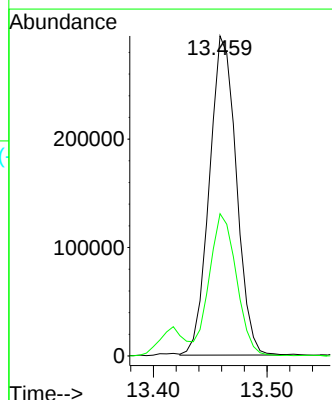
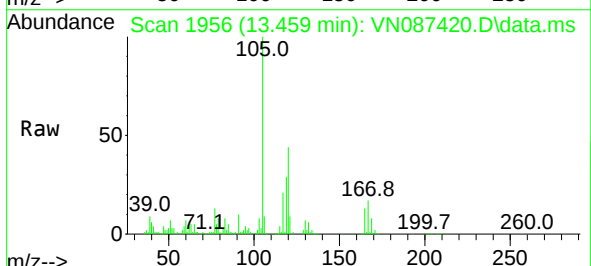
Acq: 28 Jul 2025 10:06

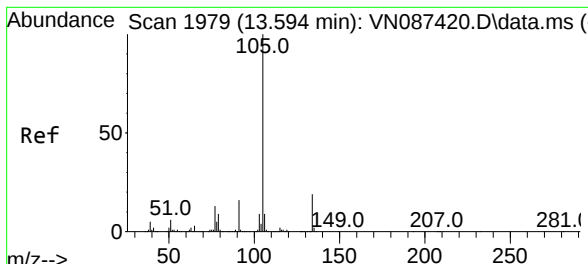
Tgt Ion:105 Resp: 485562

Ion Ratio Lower Upper

105 100

120 44.3 0.0 88.6

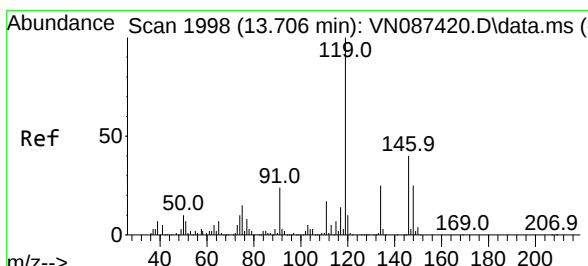
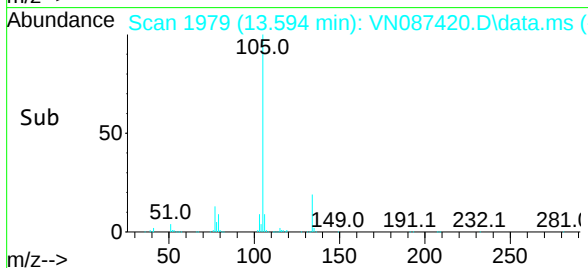
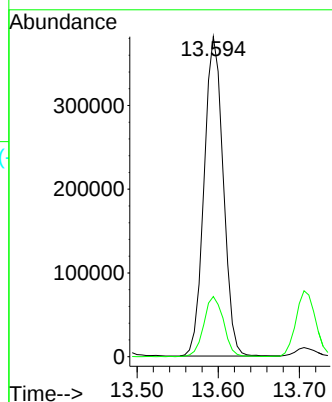
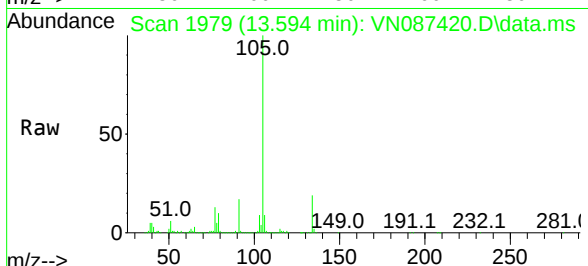




#81
 sec-Butylbenzene
 Concen: 20.586 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

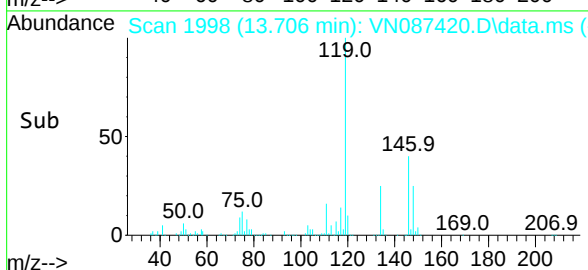
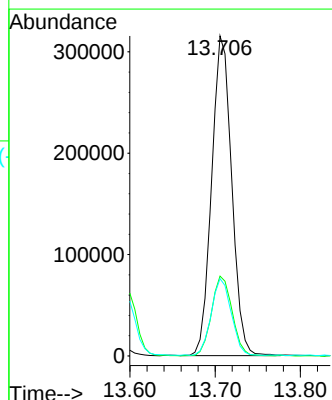
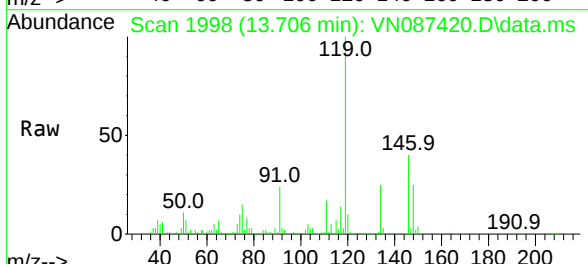
Instrument :
 MSVOA_N
 ClientSampleId :

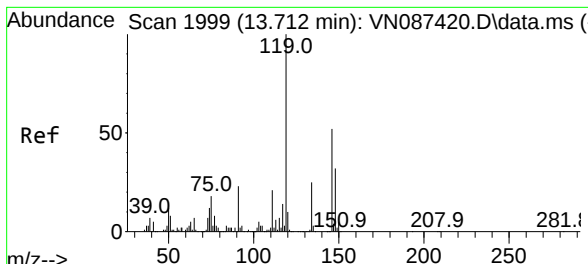
Tgt Ion:105 Resp: 623158
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 20.999 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

Tgt Ion:119 Resp: 515943
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 23.8 0.0 47.6



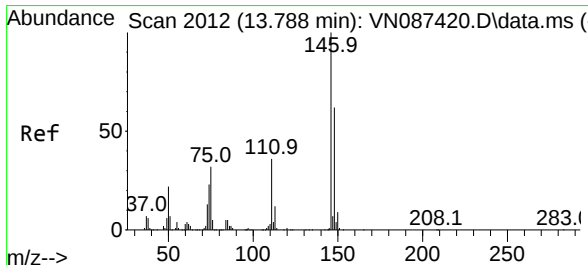
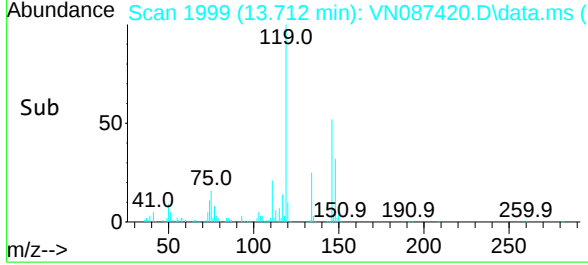
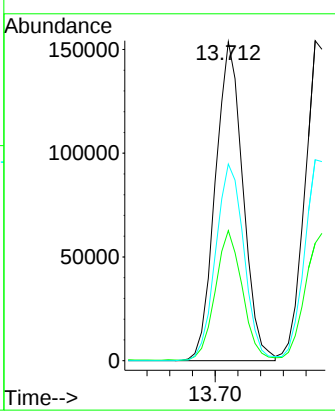
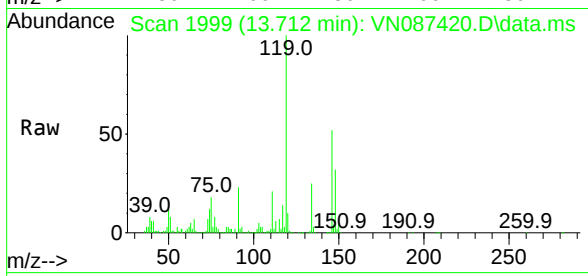


#83
 1,3-Dichlorobenzene
 Concen: 20.696 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:146 Resp: 259135

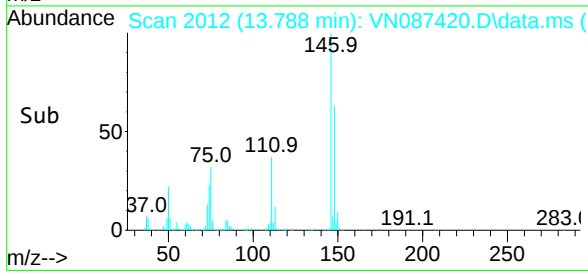
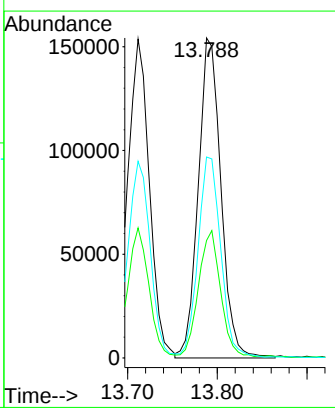
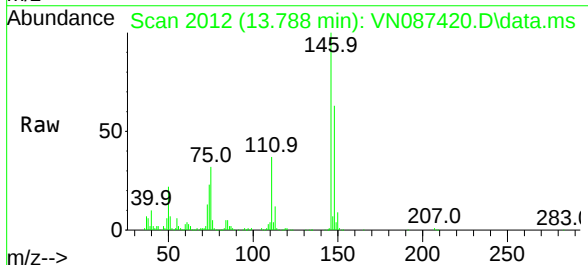
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.7	31.9	95.5

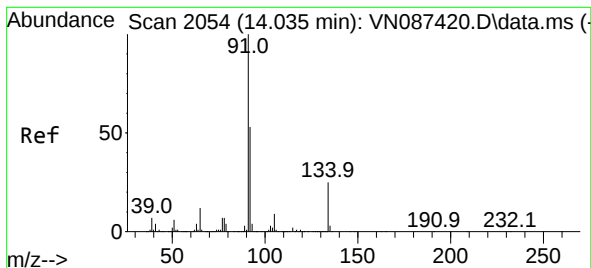


#84
 1,4-Dichlorobenzene
 Concen: 20.704 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

Tgt Ion:146 Resp: 271082

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	62.8	31.4	94.2





#85

n-Butylbenzene

Concen: 20.305 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

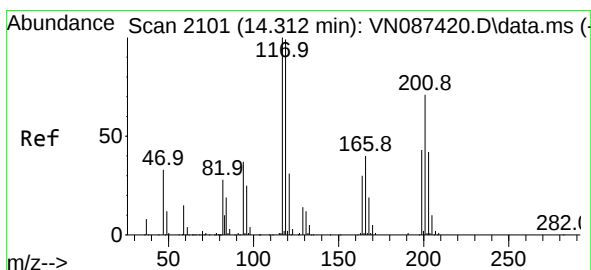
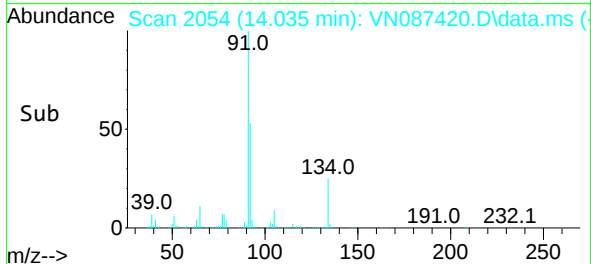
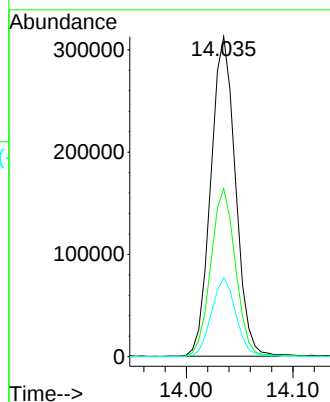
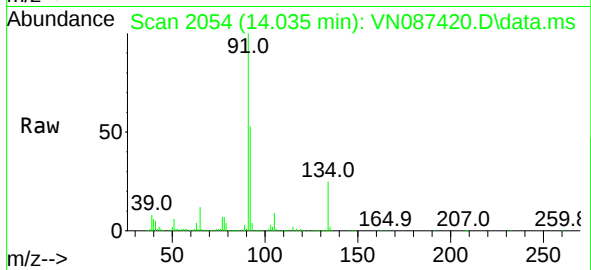
Tgt Ion: 91 Resp: 502453

Ion Ratio Lower Upper

91 100

92 52.4 0.0 104.8

134 24.5 0.0 49.0



#86

Hexachloroethane

Concen: 20.483 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087420.D

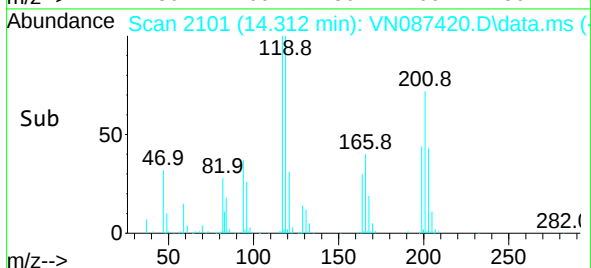
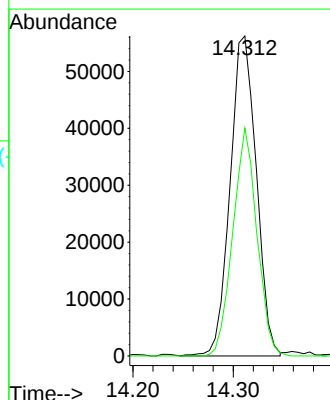
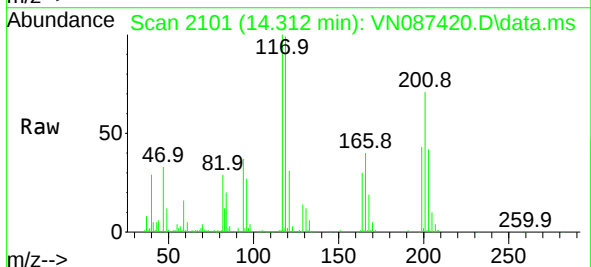
Acq: 28 Jul 2025 10:06

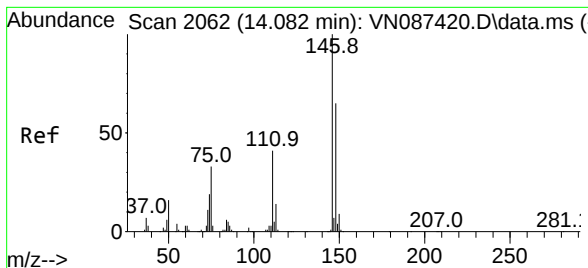
Tgt Ion: 117 Resp: 102213

Ion Ratio Lower Upper

117 100

201 65.4 32.7 98.1





#87

1,2-Dichlorobenzene

Concen: 20.365 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

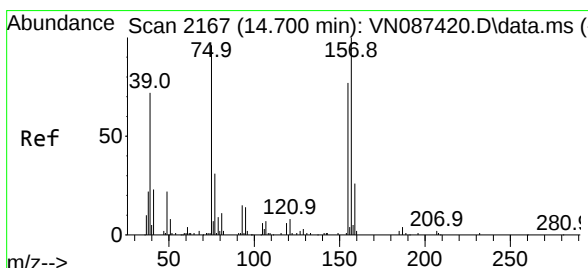
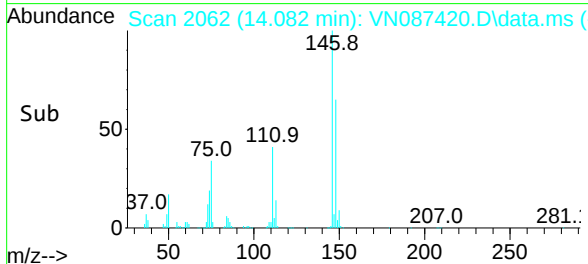
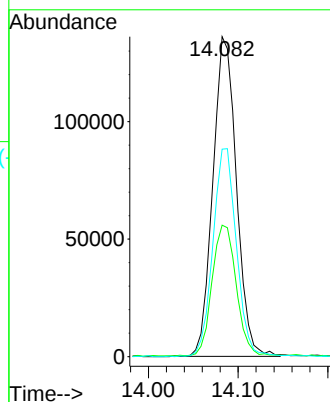
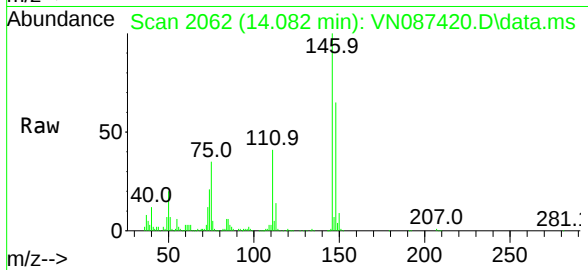
Tgt Ion:146 Resp: 247872

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

148 65.0 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.853 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

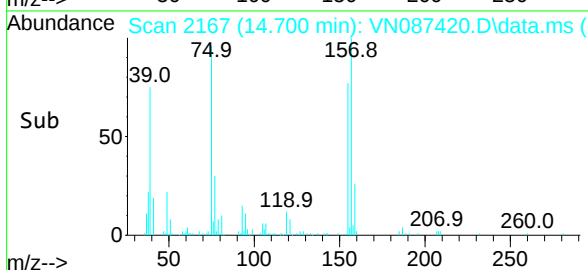
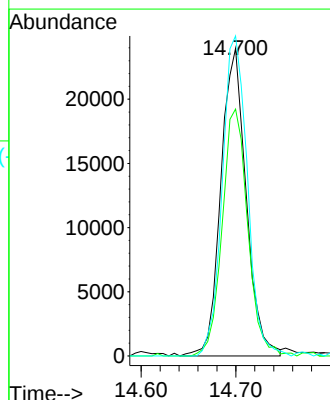
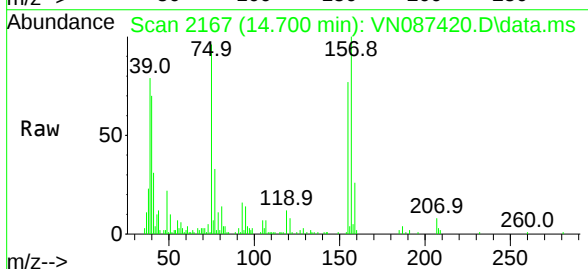
Tgt Ion: 75 Resp: 44493

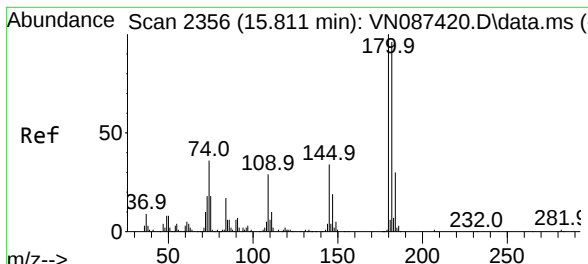
Ion Ratio Lower Upper

75 100

155 80.5 64.4 96.6

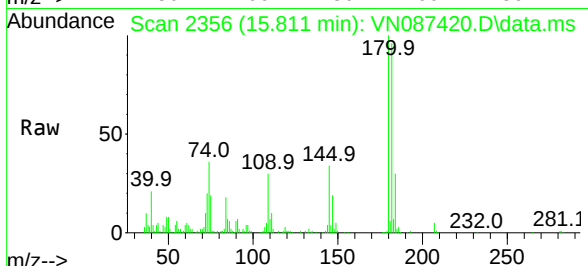
157 102.9 82.3 123.5



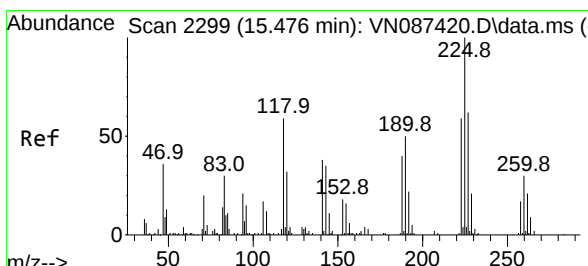
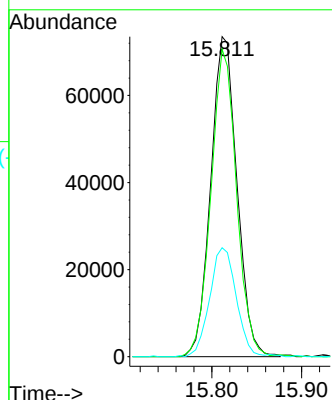
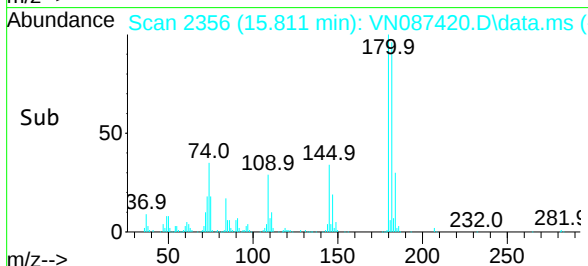


#89
 1,2,4-Trichlorobenzene
 Concen: 20.134 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06

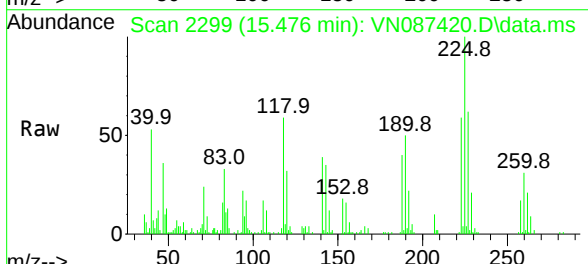
Instrument :
 MSVOA_N
 ClientSampleId :



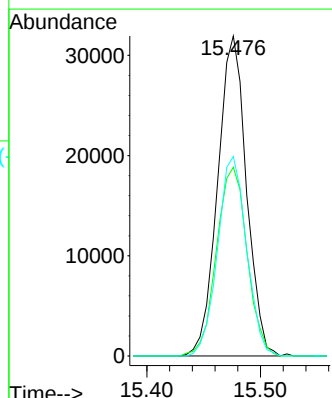
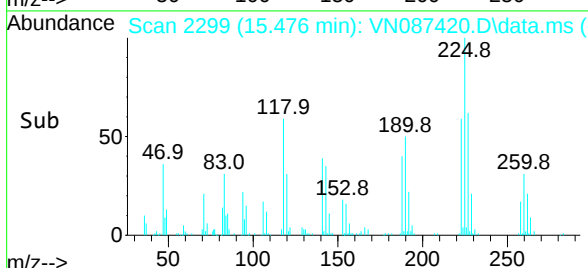
Tgt Ion:180 Resp: 149474
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.7 112.1
 145 34.3 27.4 41.2

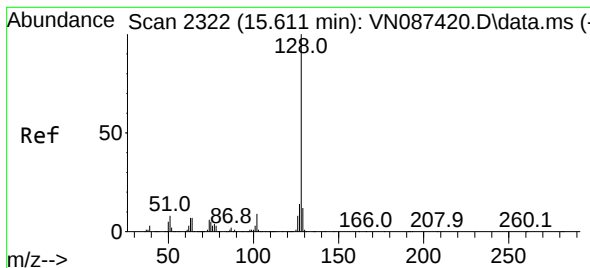


#90
 Hexachlorobutadiene
 Concen: 19.902 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN087420.D
 Acq: 28 Jul 2025 10:06



Tgt Ion:225 Resp: 56252
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 125.4
 227 62.5 0.0 125.0





#91

Naphthalene

Concen: 20.042 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

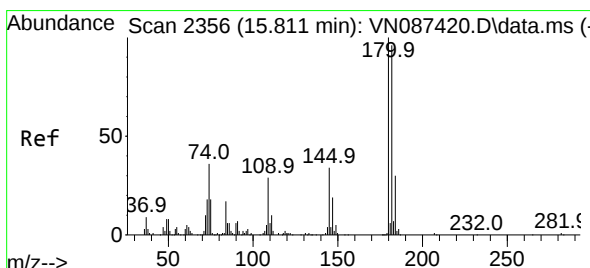
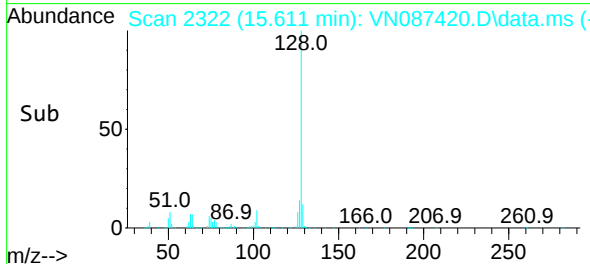
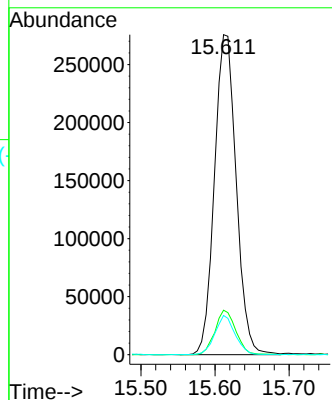
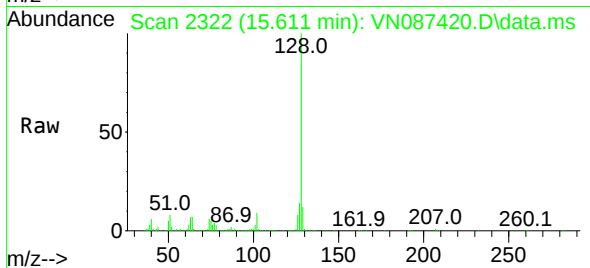
Tgt Ion:128 Resp: 562350

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.4 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 20.134 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087420.D

Acq: 28 Jul 2025 10:06

Tgt Ion:180 Resp: 149474

Ion Ratio Lower Upper

180 100

182 93.4 0.0 186.8

145 34.3 0.0 68.6

