

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087421.D
 Acq On : 28 Jul 2025 10:27
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 13:24:22 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	104056	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	582372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	518227	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	234251	29.439	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.133%		
60) 4-Bromofluorobenzene	12.829	95	251797	29.588	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.633%		
63) Toluene-d8	10.547	98	713184	29.967	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	245888	40.501	ug/l	95
3) Chloromethane	2.383	50	259384	40.247	ug/l	99
4) Vinyl Chloride	2.542	62	262437	40.248	ug/l	100
5) Bromomethane	2.983	94	130747	41.119	ug/l	96
6) Chloroethane	3.136	64	149748	40.717	ug/l	96
7) Trichlorofluoromethane	3.512	101	340827	41.546	ug/l	100
8) Diethyl Ether	3.965	74	137366	40.120	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	181873	40.641	ug/l	97
10) 1,1-Dichloroethene	4.336	96	184843	41.523	ug/l	98
11) Methyl Iodide	4.583	142	169435	42.035	ug/l	99
12) Methyl Acetate	5.018	43	397450	40.948	ug/l	96
13) Acrolein	4.177	56	137204	173.328	ug/l	99
14) Acrylonitrile	5.706	53	845001	200.771	ug/l	98
15) Acetone	4.424	58	188498	193.237	ug/l	81
16) Carbon Disulfide	4.700	76	649186	41.036	ug/l	98
17) Allyl chloride	5.012	41	422244	40.709	ug/l	99
18) Methylene Chloride	5.265	84	271545	40.518	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	249424	39.440	ug/l	96
20) Diisopropyl ether	6.659	45	978272	41.454	ug/l	97
21) 1,1-Dichloroethane	6.553	63	490965	41.047	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	314663	40.938	ug/l	100
23) tert-Butyl Alcohol	5.524	59	329582	202.032	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	913143	41.345	ug/l	99
25) Chloroform	7.953	83	500601	41.456	ug/l	98
26) Cyclohexane	8.241	56	448124	40.567	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	339352	41.047	ug/l	98
30) 2-Butanone	7.471	43	1232374	205.745	ug/l	100
31) 2,2-Dichloropropane	7.471	77	420975	40.865	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	412028	41.462	ug/l	99
33) Carbon Tetrachloride	8.347	117	343165	41.880	ug/l	95
34) Benzene	8.588	78	1114078	41.201	ug/l	97
35) Methacrylonitrile	7.765	41	277074	40.381	ug/l	97
36) 1,2-Dichloroethane	8.653	62	364910	40.551	ug/l #	93
37) Trichloroethene	9.335	130	254332	41.205	ug/l	91
38) Methylcyclohexane	9.583	83	442244	41.476	ug/l	99
39) 1,2-Dichloropropane	9.606	63	286553	42.093	ug/l	97
40) Dibromomethane	9.694	93	199678	41.348	ug/l	100
41) Bromodichloromethane	9.871	83	406835	41.859	ug/l	95
42) Vinyl Acetate	6.594	43	4078744	202.344	ug/l	100

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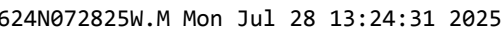
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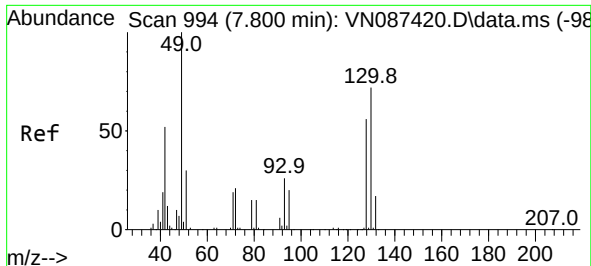
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	484273	39.439	ug/l #	64
44) Isopropyl Acetate	8.677	43	818584	41.729	ug/l	99
45) 1,4-Dioxane	9.683	88	99119	796.364	ug/l	93
46) Methyl methacrylate	9.665	41	387675	42.443	ug/l	94
47) n-amyl Acetate	12.500	43	391335	48.388	ug/l	97
48) t-1,3-Dichloropropene	10.818	75	459614	42.006	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	487320	42.408	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	268781	41.813	ug/l	96
51) Ethyl methacrylate	10.859	69	493799	42.418	ug/l	98
52) 1,3-Dichloropropane	11.147	76	475675	42.817	ug/l	98
53) Dibromochloromethane	11.341	129	312618	42.399	ug/l	99
54) 1,2-Dibromoethane	11.447	107	284615	42.080	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	1001321	209.203	ug/l	100
56) Bromoform	12.559	173	218091	42.150	ug/l	100
58) 4-Methyl-2-Pentanone	10.430	43	2465965	211.256	ug/l	99
59) 2-Hexanone	11.177	43	1735360	214.524	ug/l	99
61) Tetrachloroethene	11.082	164	205829	41.833	ug/l	97
62) Toluene	10.612	91	1225674	41.908	ug/l	100
64) Chlorobenzene	11.871	112	746442	41.501	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	256968	42.134	ug/l	98
66) Ethyl Benzene	11.941	91	1348264	42.194	ug/l	98
67) m/p-Xylenes	12.053	106	1020622	85.245	ug/l	99
68) o-Xylene	12.376	106	492694	42.051	ug/l	97
69) Styrene	12.394	104	846783	42.252	ug/l	99
70) Isopropylbenzene	12.676	105	1256635	41.764	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	422439	41.173	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	562066	60.225	ug/l	72
73) Bromobenzene	12.959	156	295472	42.264	ug/l	97
74) n-propylbenzene	13.012	91	1570377	42.272	ug/l	100
75) 2-Chlorotoluene	13.106	91	924823	41.947	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	1053588	42.266	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	166291	41.991	ug/l	98
78) 4-Chlorotoluene	13.200	91	948477	41.894	ug/l	99
79) tert-butylbenzene	13.418	119	917803	42.621	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	1052781	42.563	ug/l	99
81) sec-Butylbenzene	13.594	105	1360199	42.524	ug/l	99
82) p-Isopropyltoluene	13.706	119	1108608	42.701	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	570197	43.098	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	579128	41.859	ug/l	99
85) n-Butylbenzene	14.035	91	1108525	42.396	ug/l	99
86) Hexachloroethane	14.312	117	222124	42.126	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	554554	43.118	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	93256	39.379	ug/l	98
89) 1,2,4-Trichlorobenzene	15.812	180	323791	41.276	ug/l	98
90) Hexachlorobutadiene	15.476	225	124521	41.693	ug/l	100
91) Naphthalene	15.617	128	1229606	41.473	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	323791	41.276	ug/l	98

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

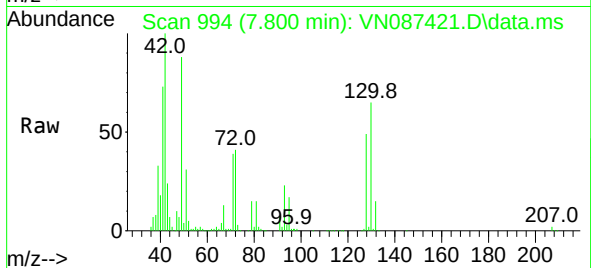
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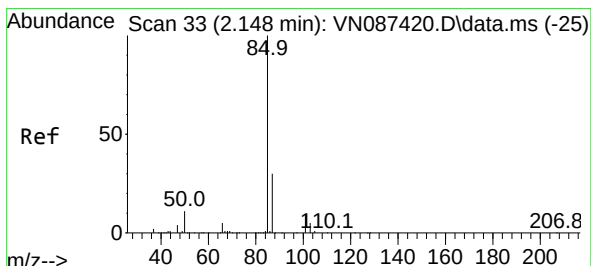
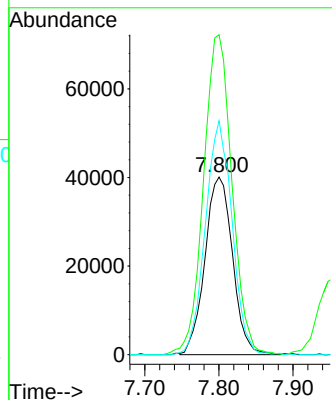
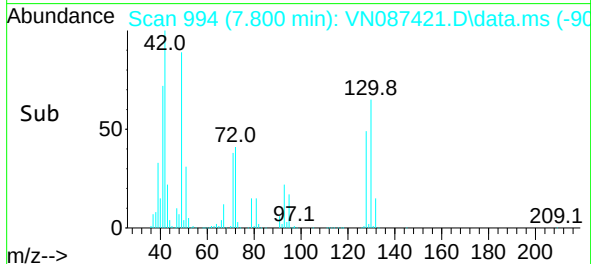


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

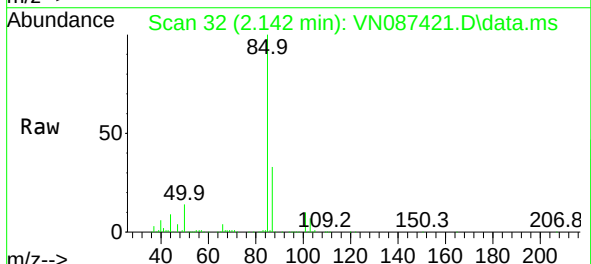
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MSVOA_N
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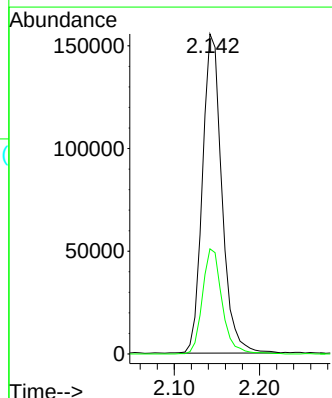
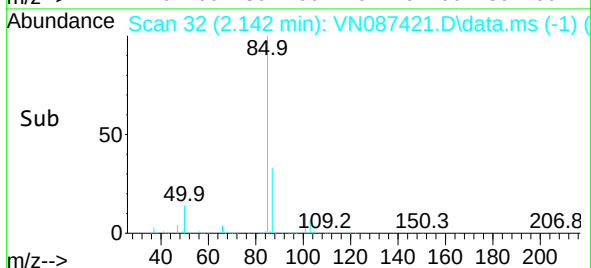
Tgt Ion:128 Resp: 104056
Ion Ratio Lower Upper
128 100
49 184.9 0.0 457.3
130 127.0 0.0 316.0

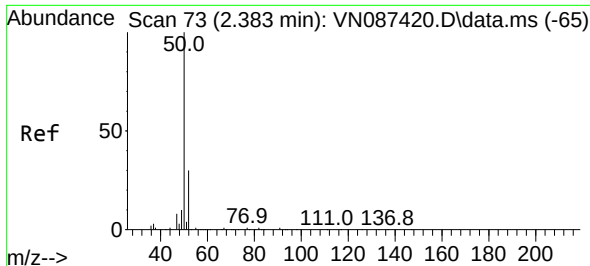


#2
Dichlorodifluoromethane
Concen: 40.501 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27



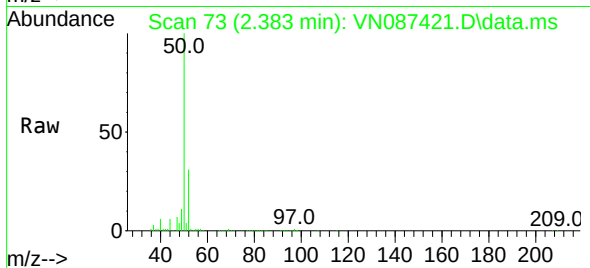
Tgt Ion: 85 Resp: 245888
Ion Ratio Lower Upper
85 100
87 32.8 15.0 45.1



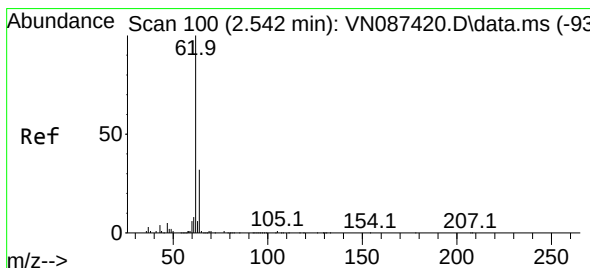
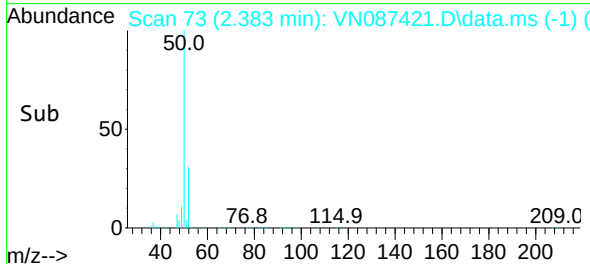
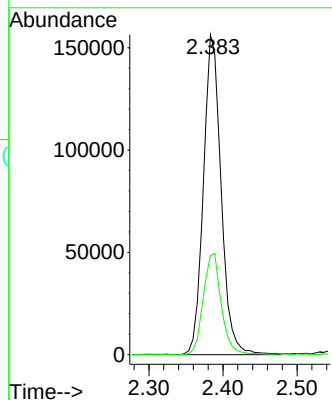


#3
Chloromethane
Concen: 40.247 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

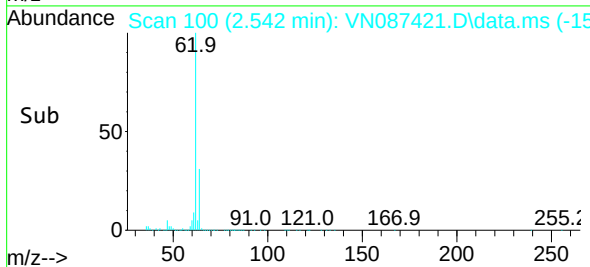
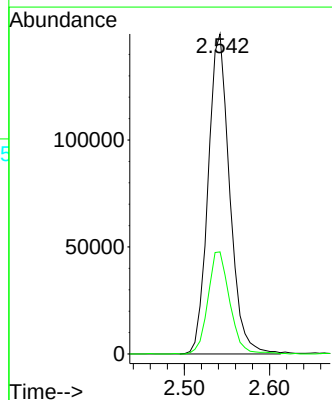
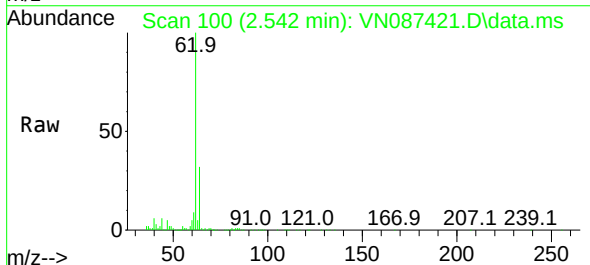


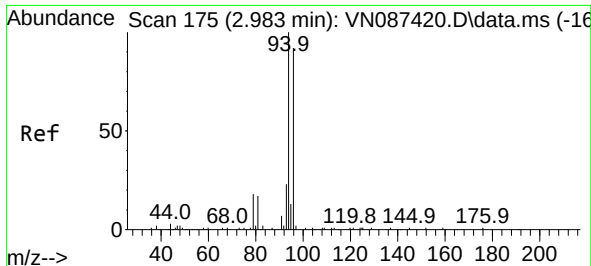
Tgt Ion: 50 Resp: 259384
Ion Ratio Lower Upper
50 100
52 30.8 24.3 36.5



#4
Vinyl Chloride
Concen: 40.248 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 62 Resp: 262437
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4

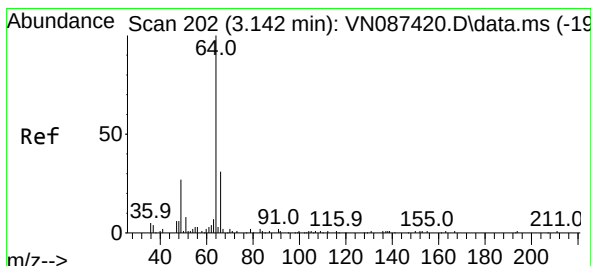
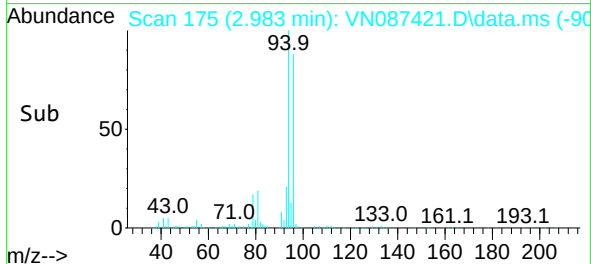
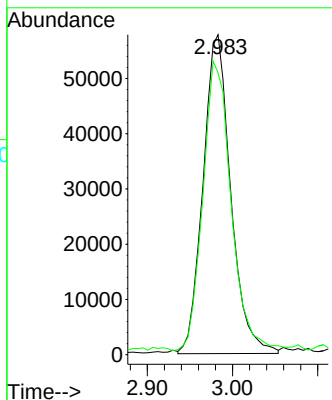
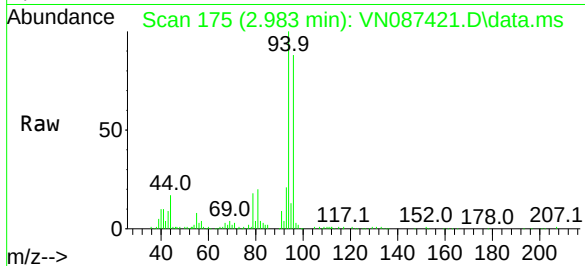




#5
Bromomethane
Concen: 41.119 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

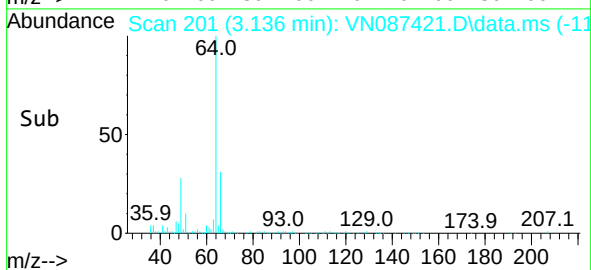
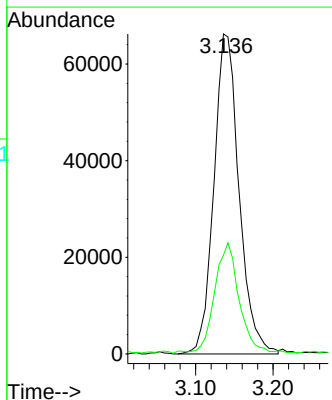
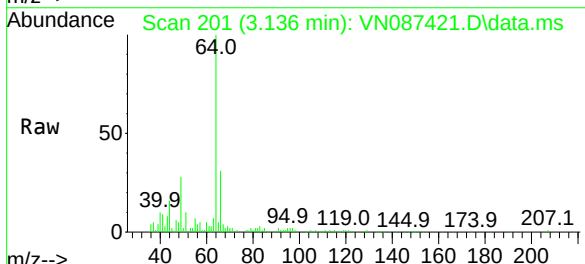
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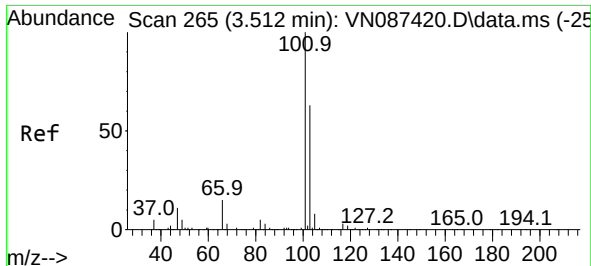
Tgt Ion: 94 Resp: 130747
Ion Ratio Lower Upper
94 100
96 87.4 73.2 109.8



#6
Chloroethane
Concen: 40.717 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

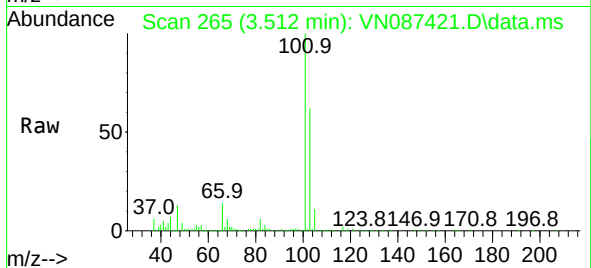
Tgt Ion: 64 Resp: 149748
Ion Ratio Lower Upper
64 100
66 30.0 25.6 38.4



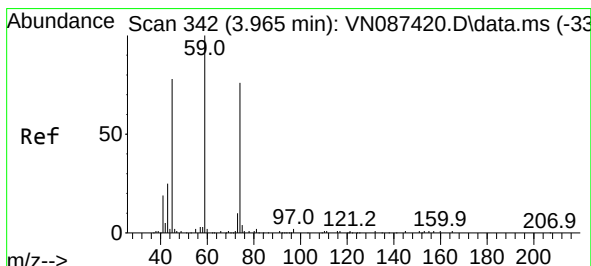
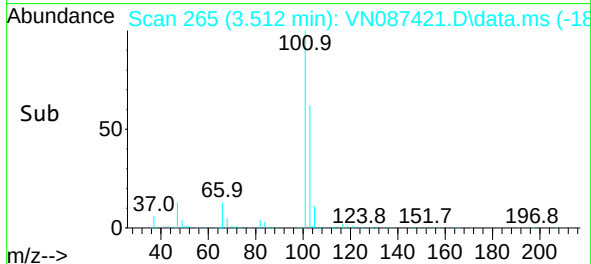
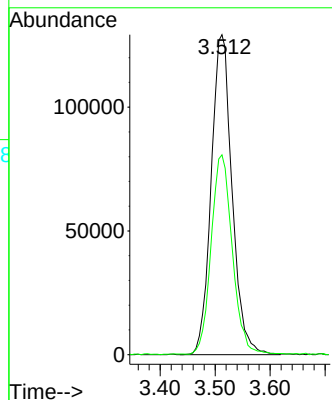


#7
 Trichlorofluoromethane
 Concen: 41.546 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

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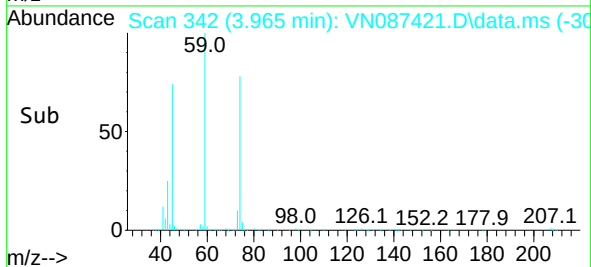
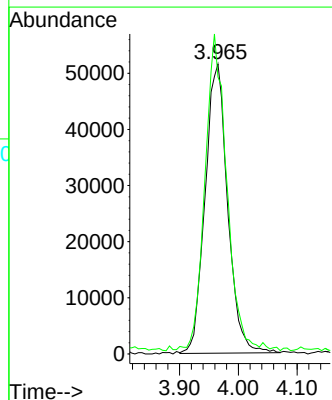
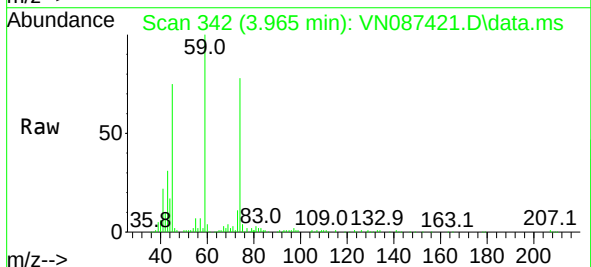


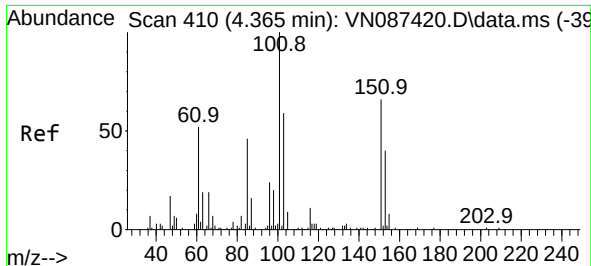
Tgt Ion:101 Resp: 340827
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.0 75.0



#8
 Diethyl Ether
 Concen: 40.120 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

Tgt Ion: 74 Resp: 137366
 Ion Ratio Lower Upper
 74 100
 45 104.3 20.2 181.4

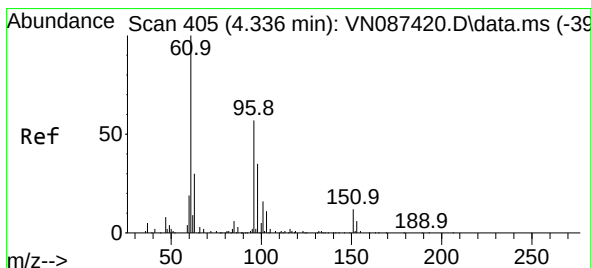
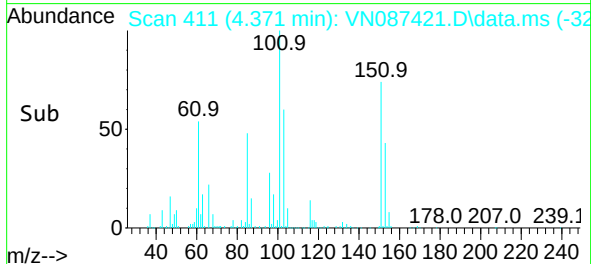
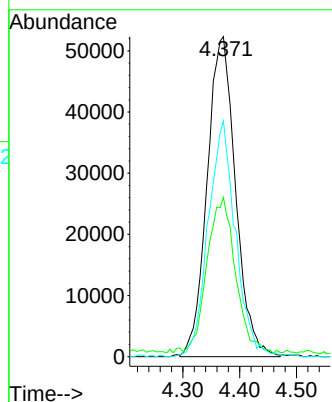
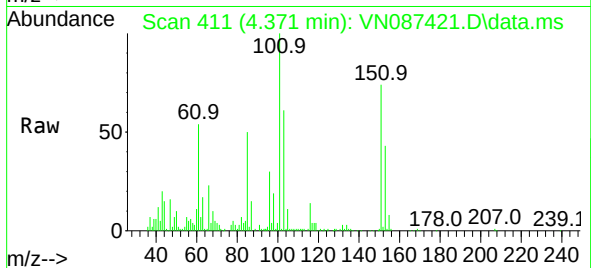




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 40.641 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

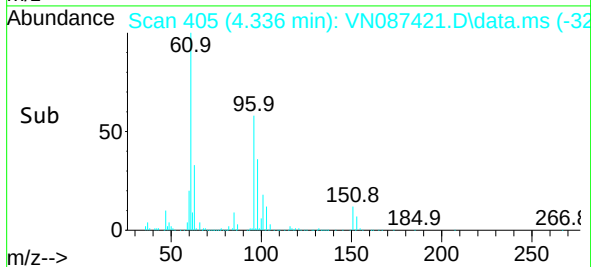
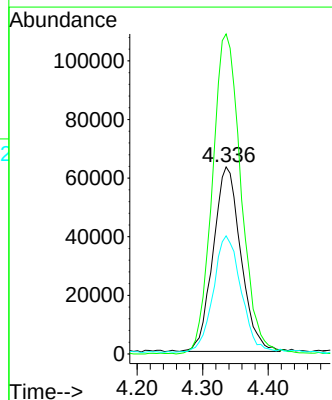
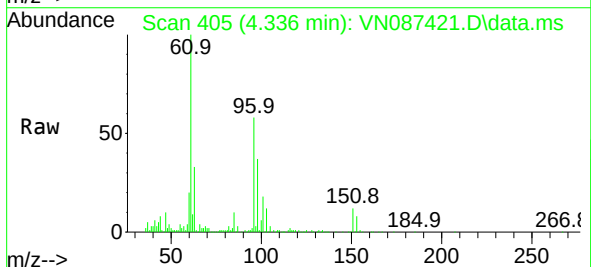
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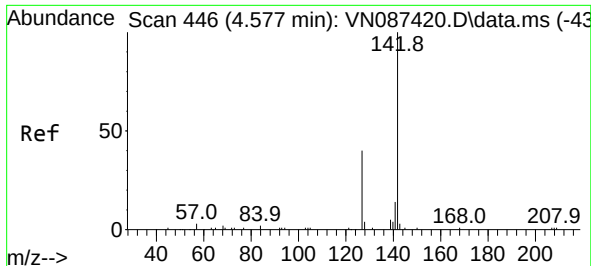
Tgt Ion:101 Resp: 181873
 Ion Ratio Lower Upper
 101 100
 85 46.6 0.0 101.2
 151 69.6 0.0 140.6



#10
 1,1-Dichloroethene
 Concen: 41.523 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

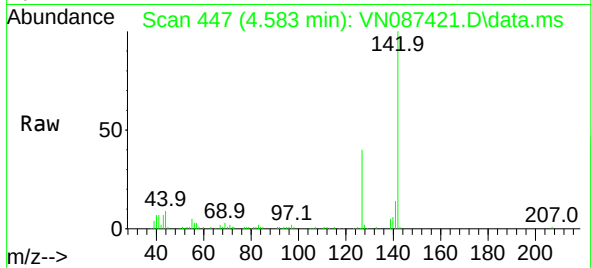
Tgt Ion: 96 Resp: 184843
 Ion Ratio Lower Upper
 96 100
 61 173.1 140.4 210.6
 98 62.8 49.6 74.4



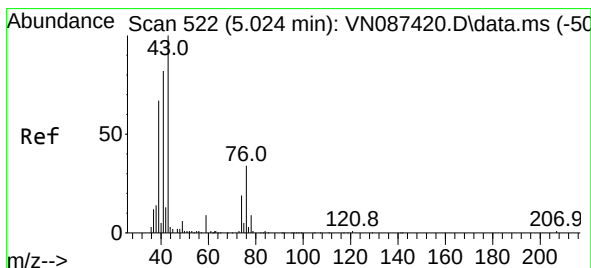
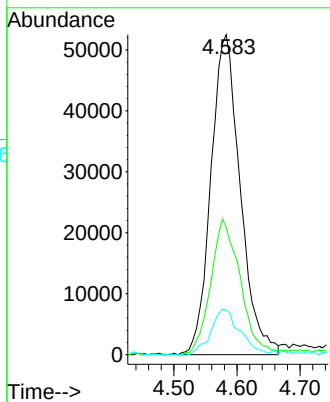
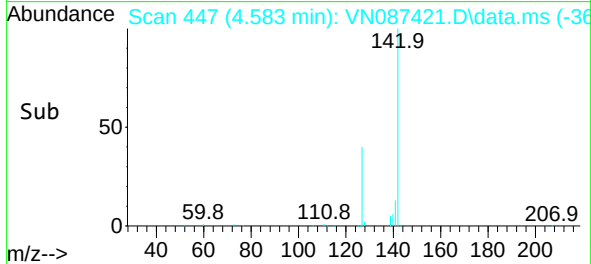


#11
Methyl Iodide
Concen: 42.035 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

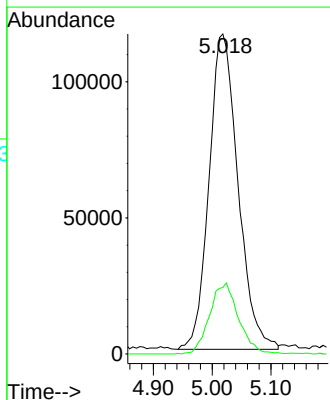
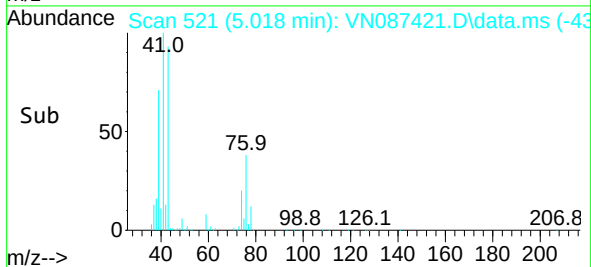
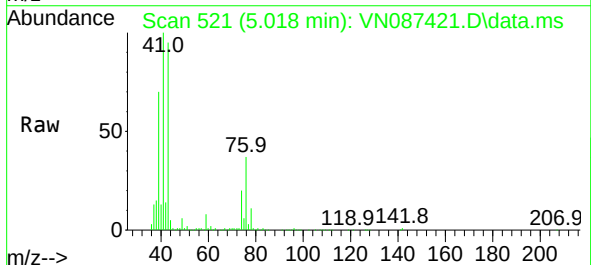


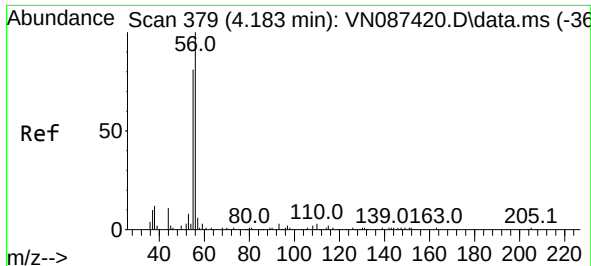
Tgt Ion:142 Resp: 169435
Ion Ratio Lower Upper
142 100
127 39.8 20.0 59.9
141 14.2 6.8 20.4



#12
Methyl Acetate
Concen: 40.948 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 43 Resp: 397450
Ion Ratio Lower Upper
43 100
74 20.9 15.4 23.0

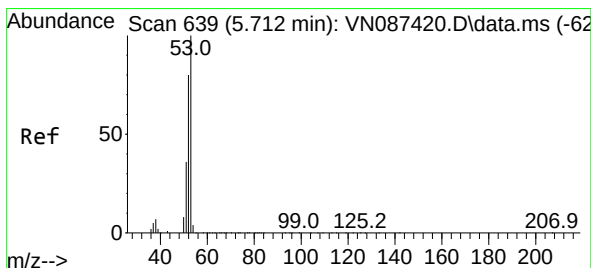
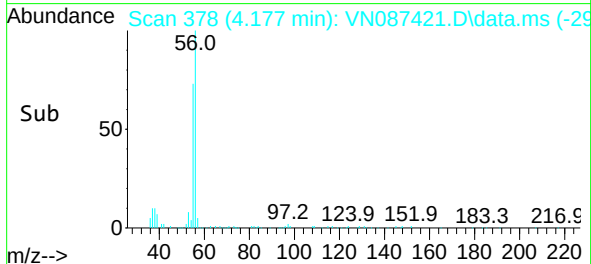
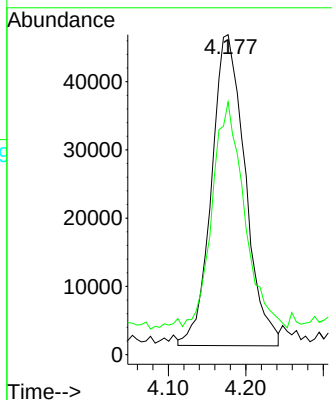
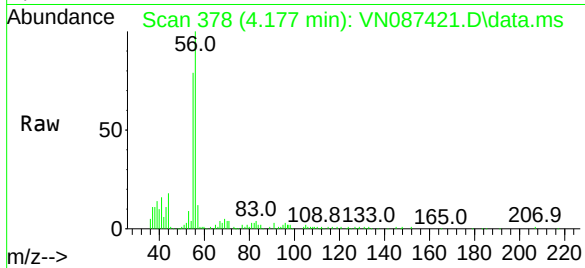




#13
Acrolein
Concen: 173.328 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

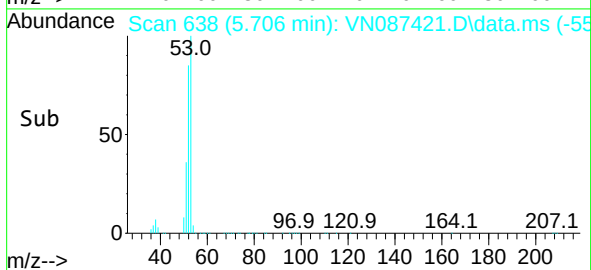
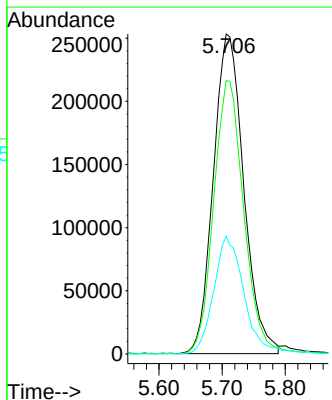
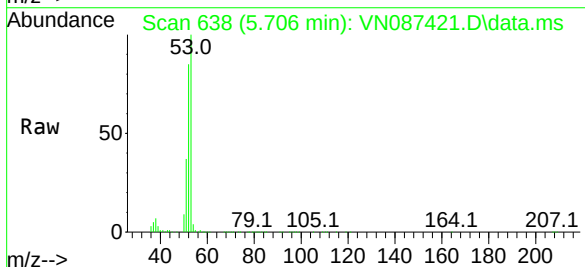
Instrument :
MSVOA_N
ClientSampleId :

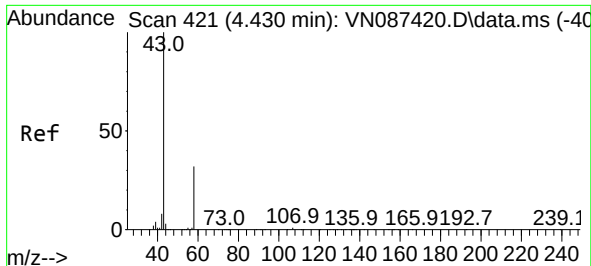
Tgt Ion: 56 Resp: 137204
Ion Ratio Lower Upper
56 100
55 74.9 58.9 88.3



#14
Acrylonitrile
Concen: 200.771 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 53 Resp: 845001
Ion Ratio Lower Upper
53 100
52 85.0 41.6 124.9
51 36.8 18.1 54.4

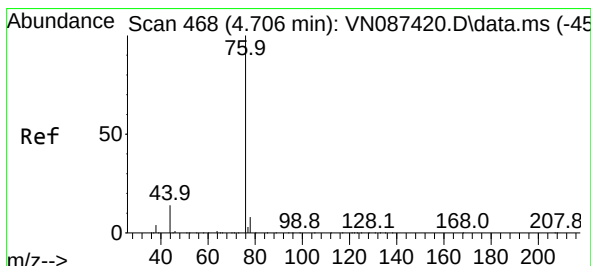
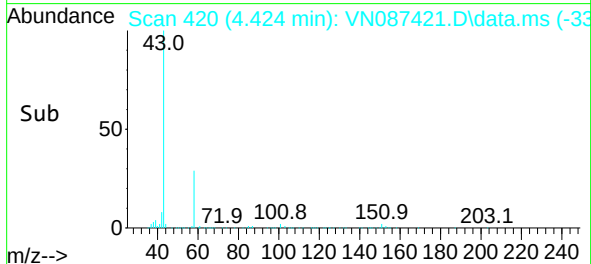
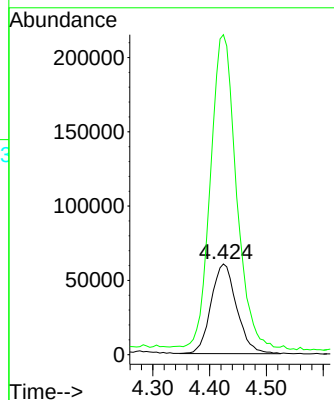
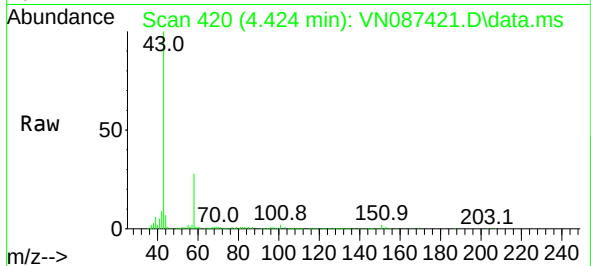




#15
Acetone
Concen: 193.237 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

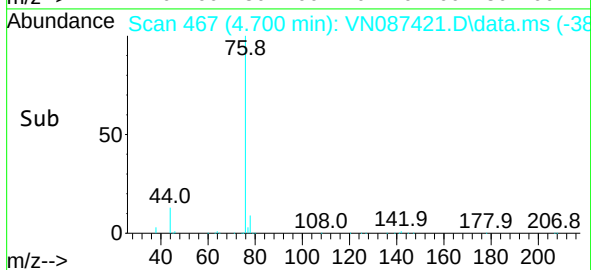
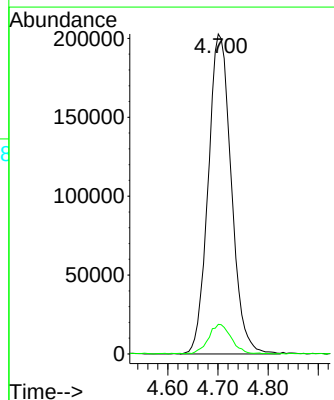
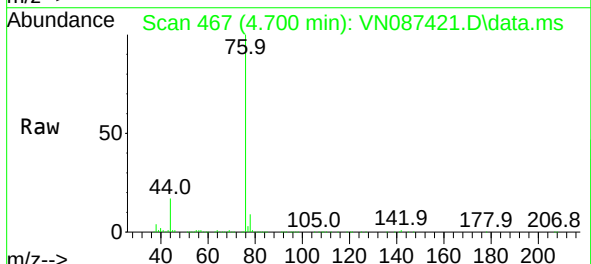
Instrument :
MSVOA_N
ClientSampleId :

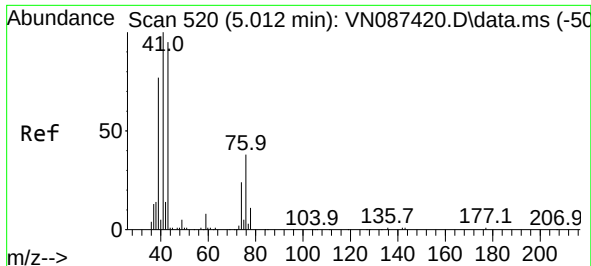
Tgt Ion: 58 Resp: 188498
Ion Ratio Lower Upper
58 100
43 349.0 248.4 372.6



#16
Carbon Disulfide
Concen: 41.036 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 76 Resp: 649186
Ion Ratio Lower Upper
76 100
78 9.2 6.6 10.0





#17

Allyl chloride

Concen: 40.709 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.000 min

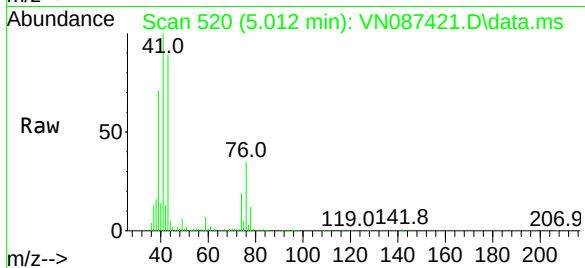
Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

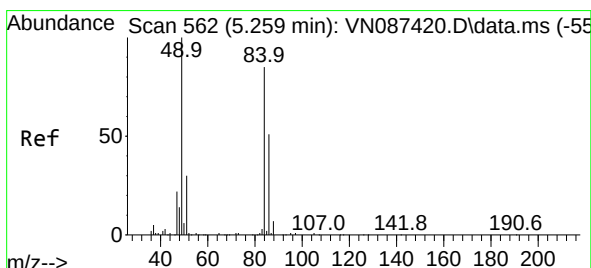
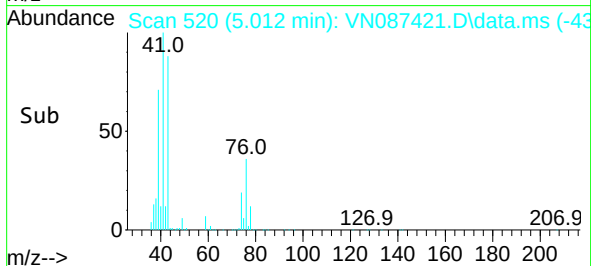
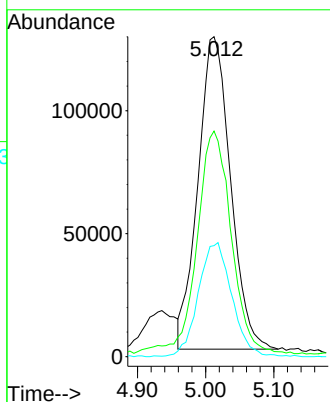
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	422244
Ion Ratio	100	Lower	Upper
39	70.6	35.9	107.8
76	35.3	17.5	52.5



#18

Methylene Chloride

Concen: 40.518 ug/l

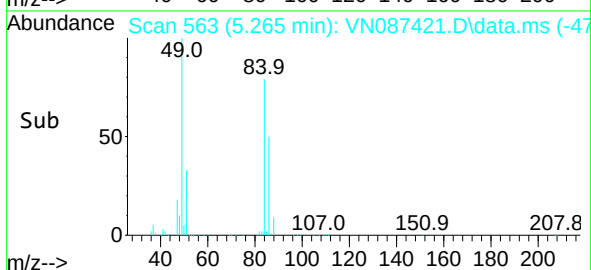
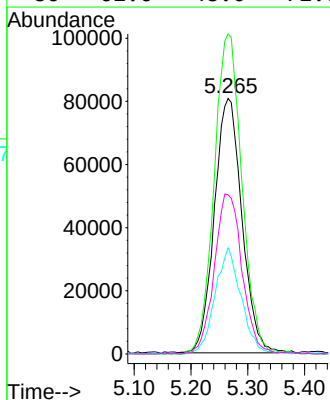
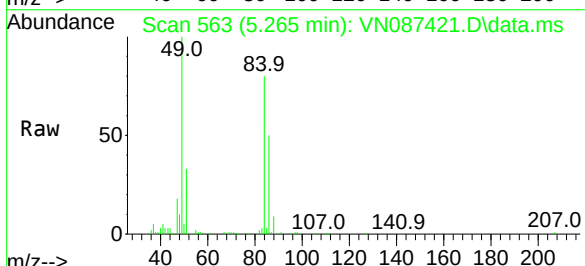
RT: 5.265 min Scan# 563

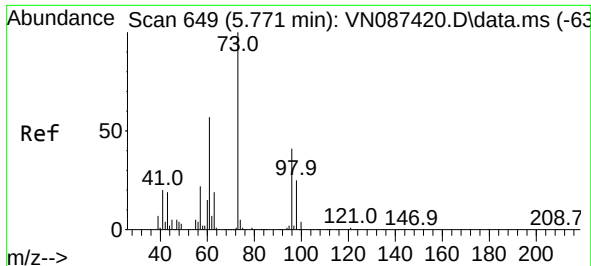
Delta R.T. 0.006 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Tgt Ion:	84	Resp:	271545
Ion Ratio	100	Lower	Upper
49	125.8	93.5	140.3
51	41.5	28.0	42.0
86	62.6	48.0	72.0

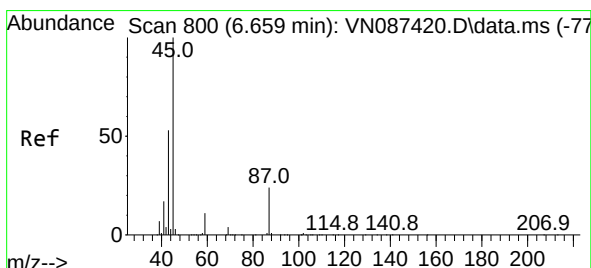
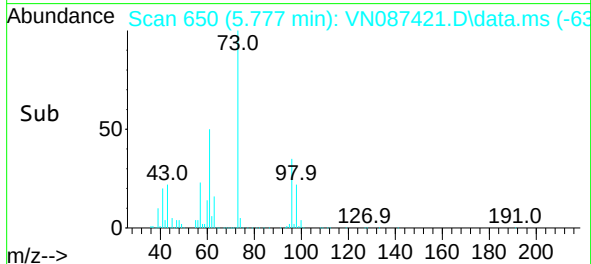
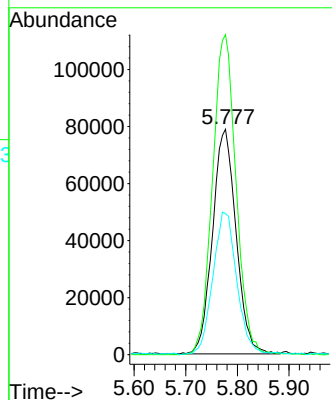
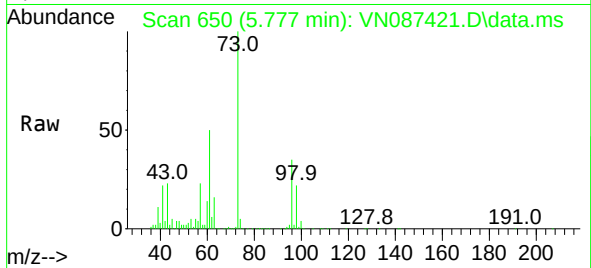




#19
trans-1,2-Dichloroethene
Concen: 39.440 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

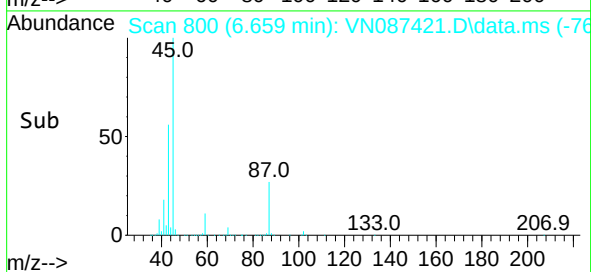
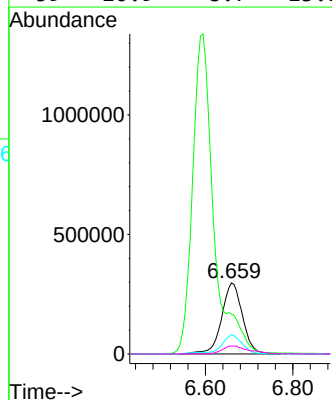
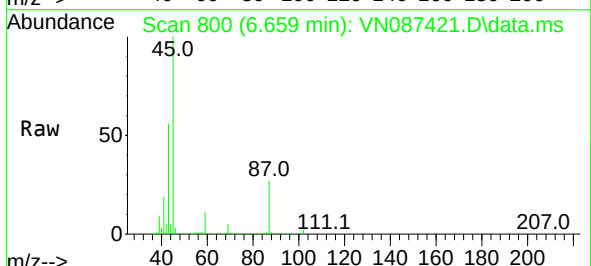
Instrument :
MSVOA_N
ClientSampleId :

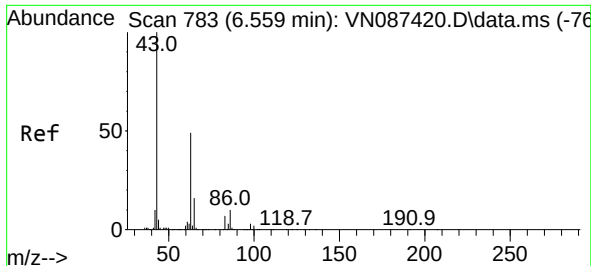
Tgt Ion: 96 Resp: 249424
Ion Ratio Lower Upper
96 100
61 142.5 110.2 165.4
98 62.9 47.9 71.9



#20
Diisopropyl ether
Concen: 41.454 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 45 Resp: 978272
Ion Ratio Lower Upper
45 100
43 55.0 42.7 64.1
87 26.9 19.4 29.0
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 41.047 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

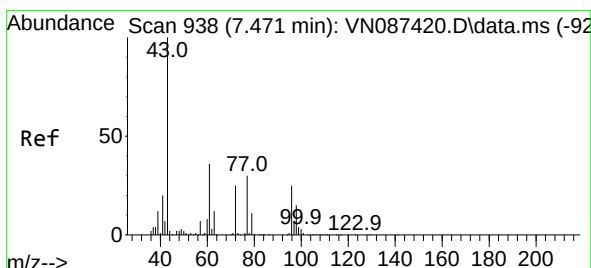
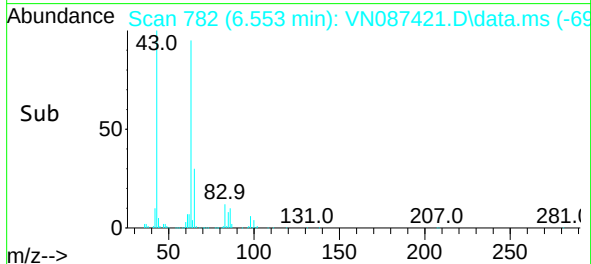
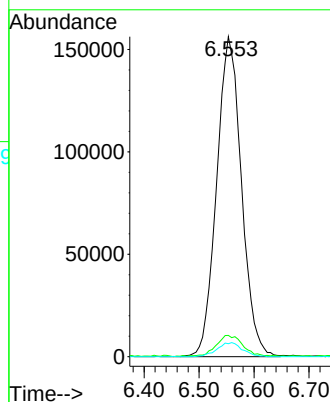
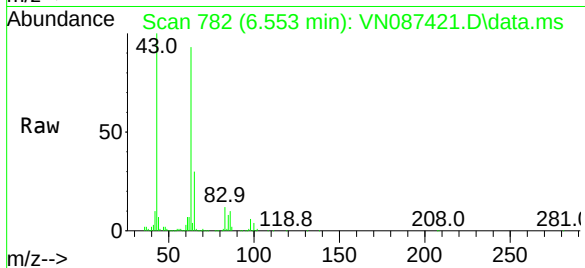
Tgt Ion: 63 Resp: 490965

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.1 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 40.938 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

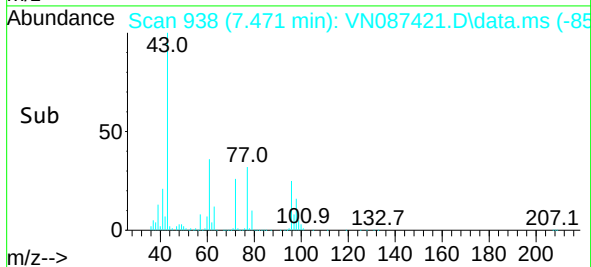
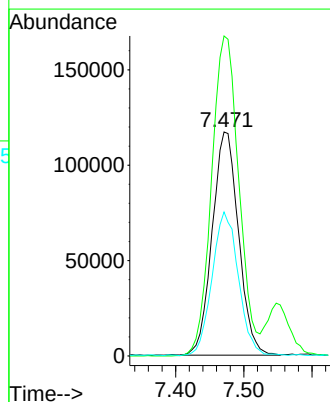
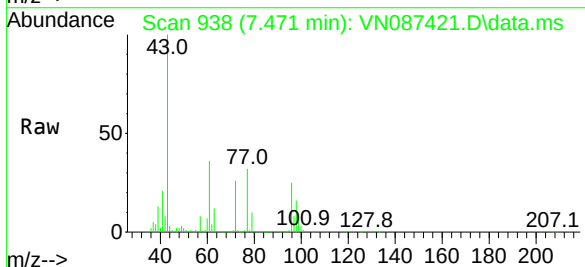
Tgt Ion: 96 Resp: 314663

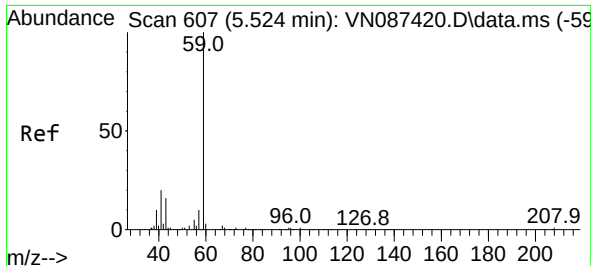
Ion Ratio Lower Upper

96 100

61 148.7 118.8 178.2

98 64.4 51.5 77.3

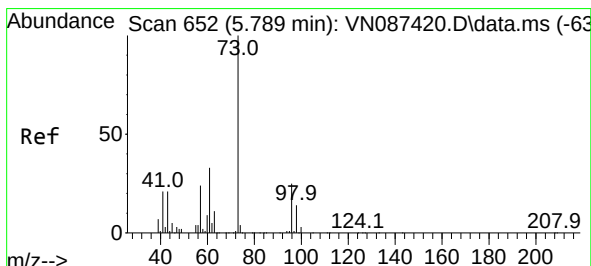
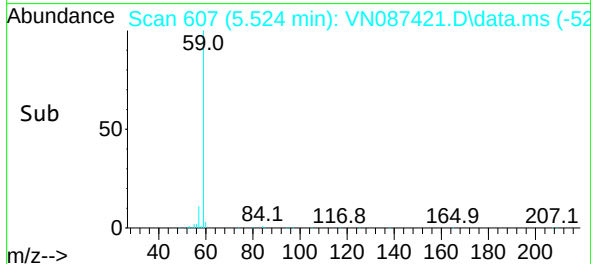
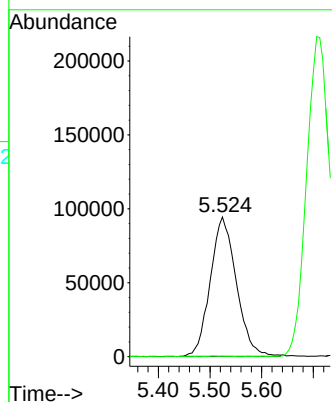
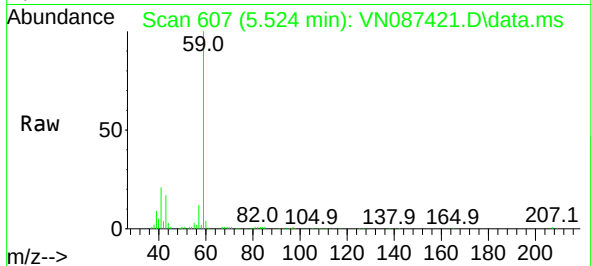




#23
tert-Butyl Alcohol
Concen: 202.032 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

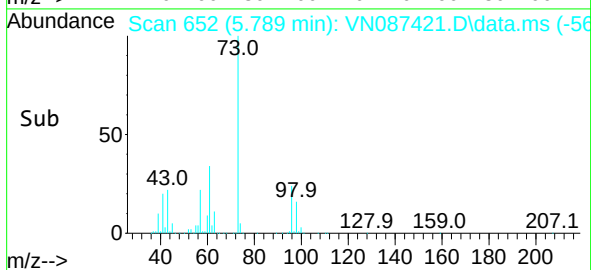
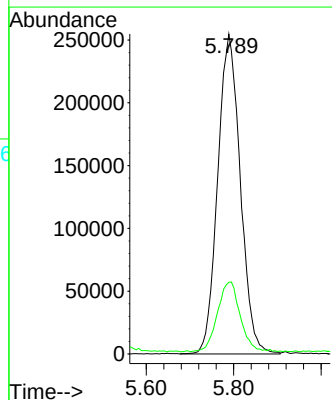
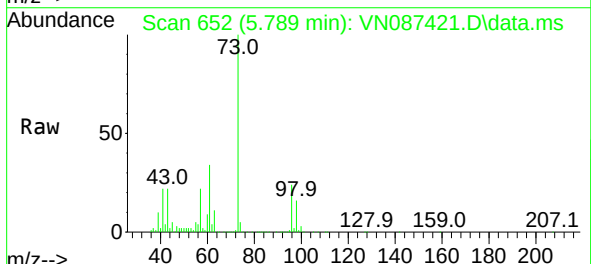
Instrument :
MSVOA_N
ClientSampleId :

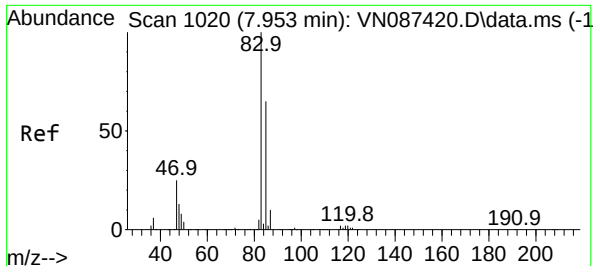
Tgt Ion: 59 Resp: 329582
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 41.345 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 73 Resp: 913143
Ion Ratio Lower Upper
73 100
43 21.8 17.1 25.7





#25

Chloroform

Concen: 41.456 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

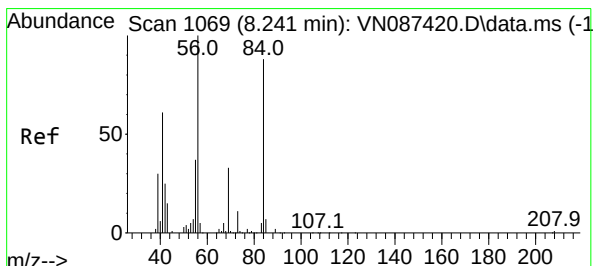
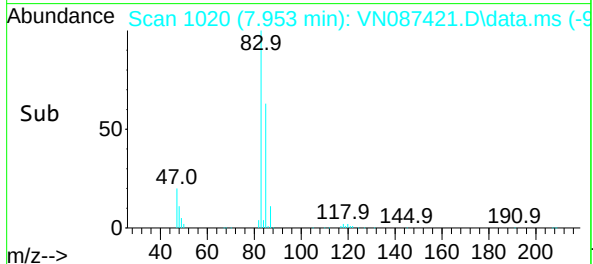
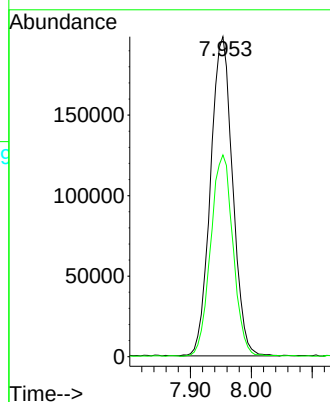
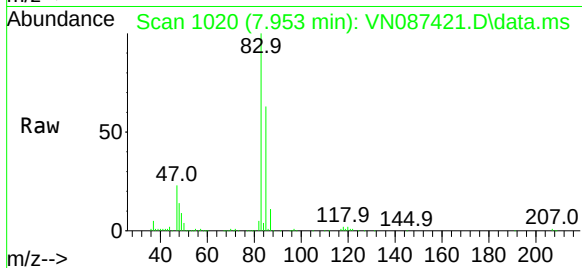
ClientSampleId :

Tgt Ion: 83 Resp: 500601

Ion Ratio Lower Upper

83 100

85 63.0 52.0 78.0



#26

Cyclohexane

Concen: 40.567 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

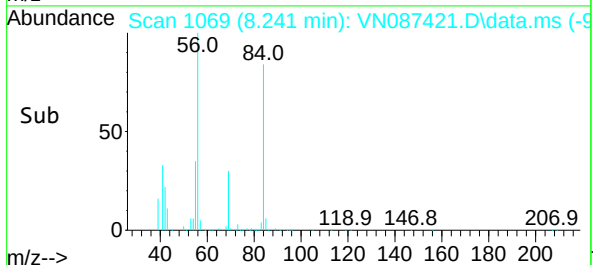
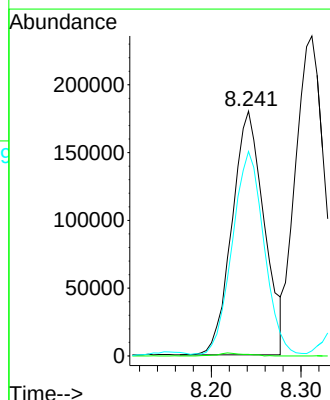
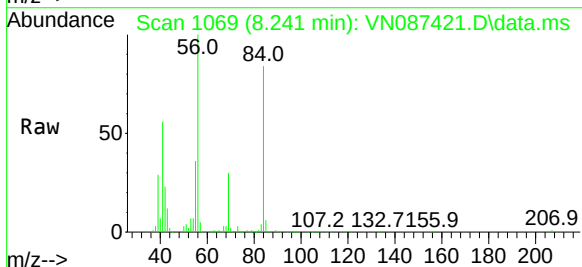
Tgt Ion: 56 Resp: 448124

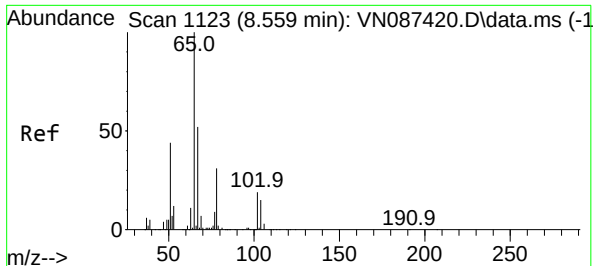
Ion Ratio Lower Upper

56 100

89 0.0 4.7 7.1#

84 82.7 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 29.439 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

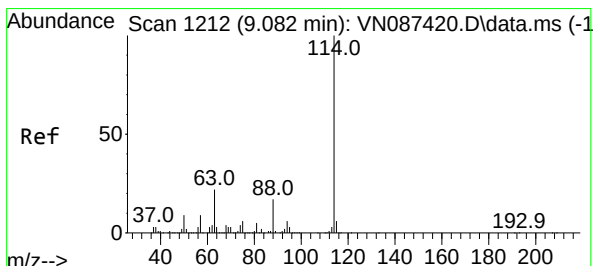
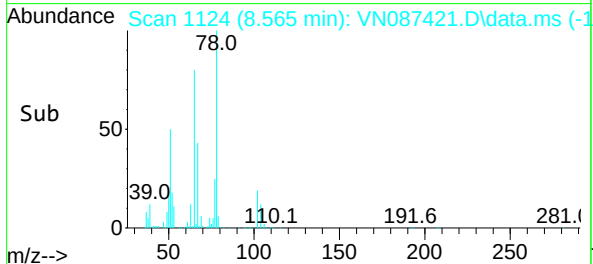
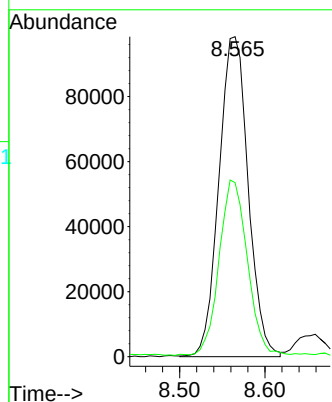
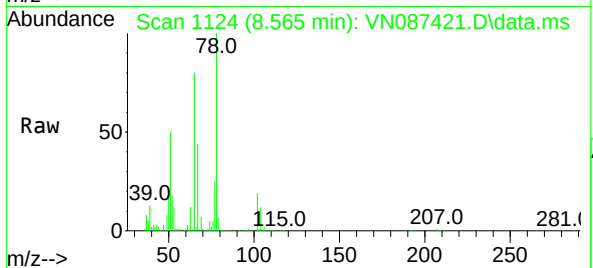
ClientSampleId :

Tgt Ion: 65 Resp: 234251

Ion Ratio Lower Upper

65 100

67 52.7 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

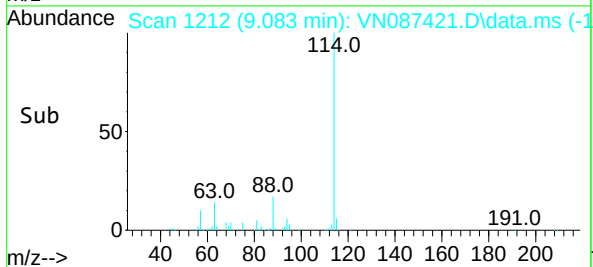
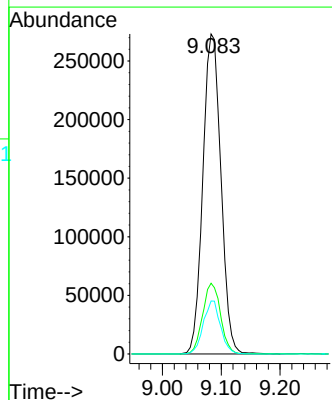
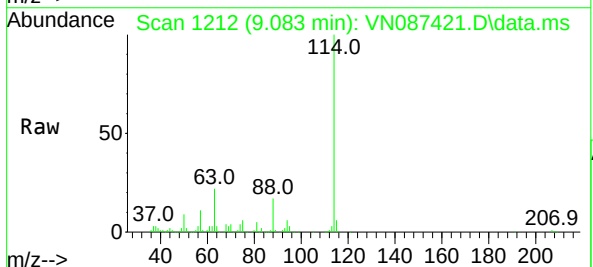
Tgt Ion: 114 Resp: 582372

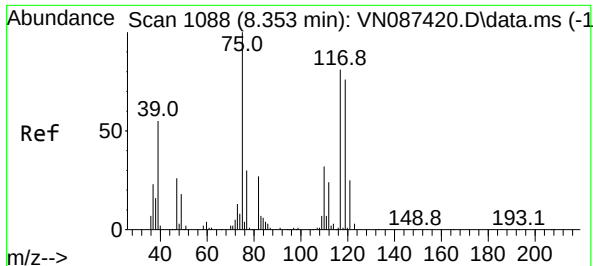
Ion Ratio Lower Upper

114 100

63 21.8 17.8 26.6

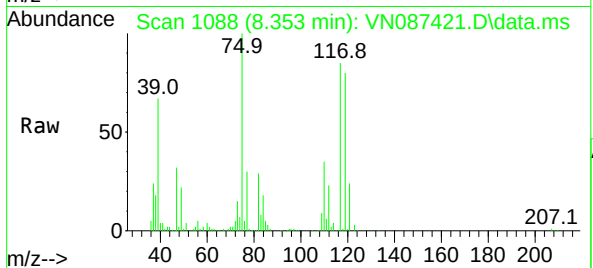
88 15.8 13.0 19.4



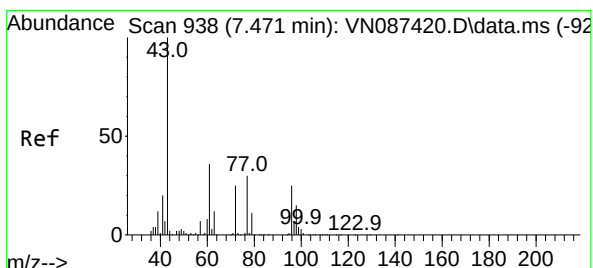
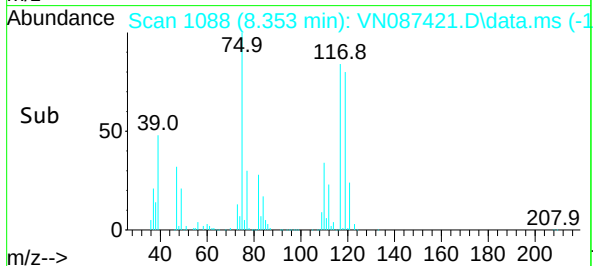
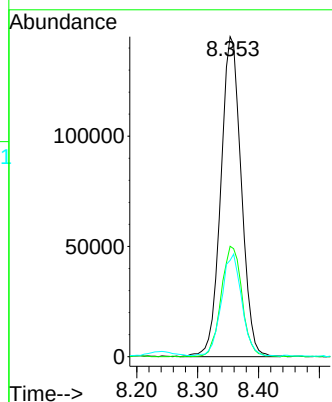


#29
1,1-Dichloropropene
Concen: 41.047 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

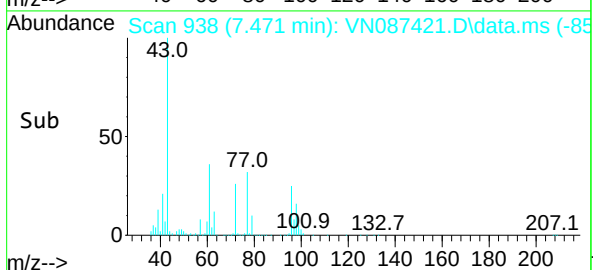
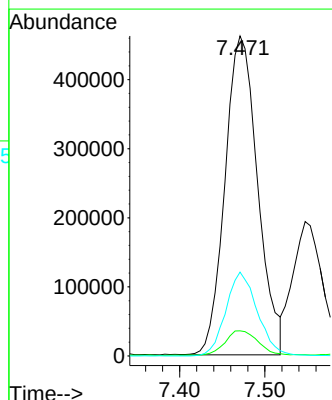
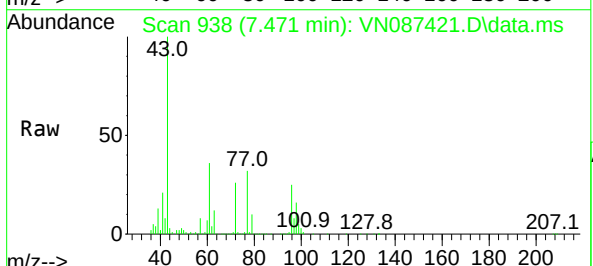


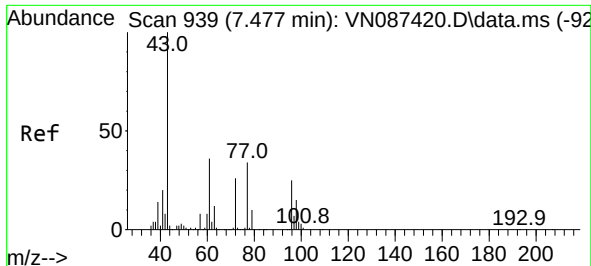
Tgt Ion: 75 Resp: 339352
Ion Ratio Lower Upper
75 100
110 35.1 0.0 69.6
77 31.7 0.0 60.2



#30
2-Butanone
Concen: 205.745 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

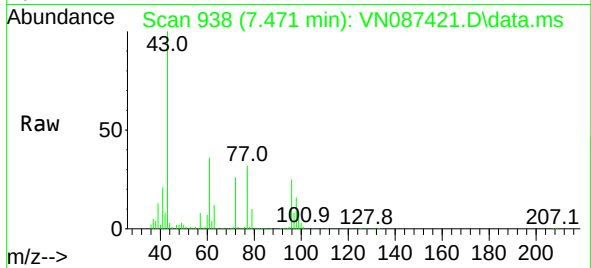
Tgt Ion: 43 Resp: 1232374
Ion Ratio Lower Upper
43 100
57 7.6 6.0 9.0
72 25.4 20.3 30.5



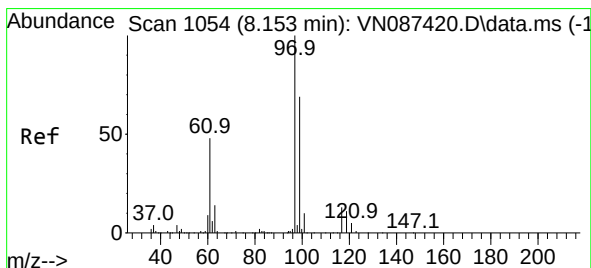
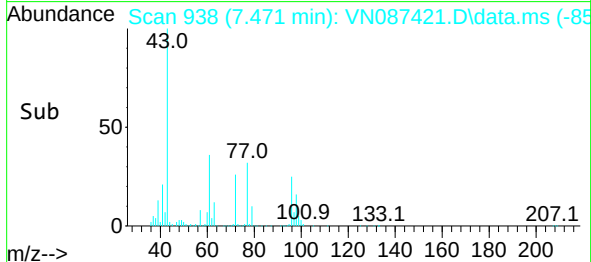
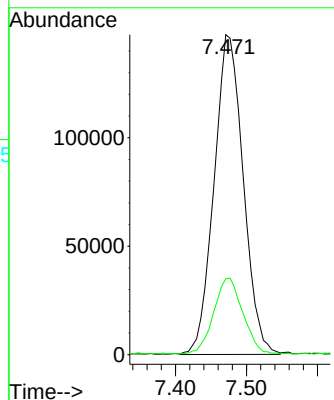


#31
2,2-Dichloropropane
Concen: 40.865 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

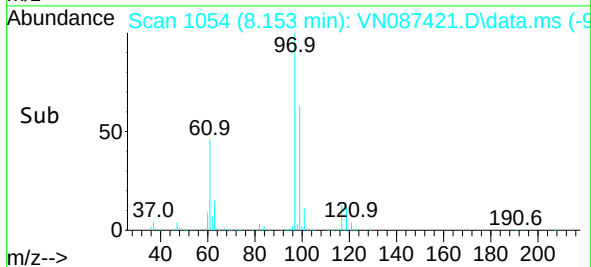
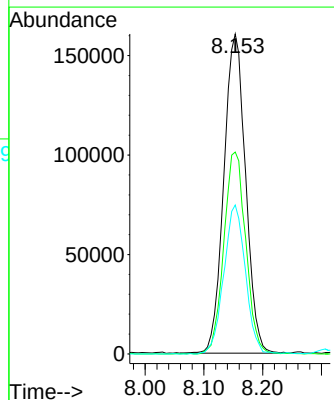
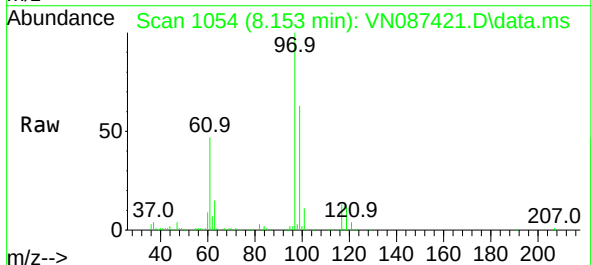


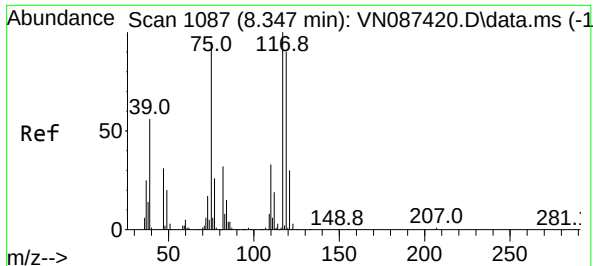
Tgt Ion: 77 Resp: 420975
Ion Ratio Lower Upper
77 100
97 23.7 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 41.462 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 97 Resp: 412028
Ion Ratio Lower Upper
97 100
99 63.8 52.1 78.1
61 46.2 36.3 54.5

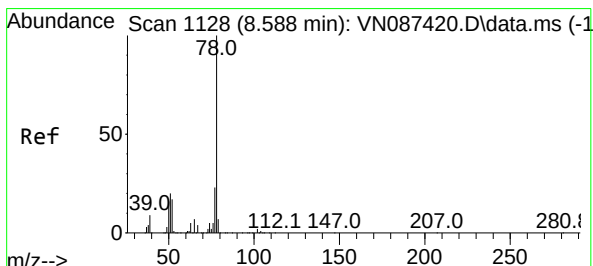
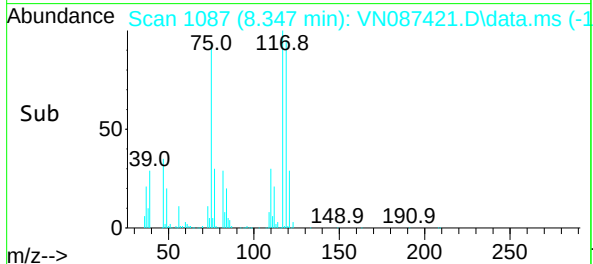
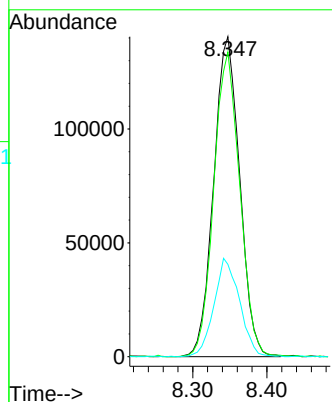
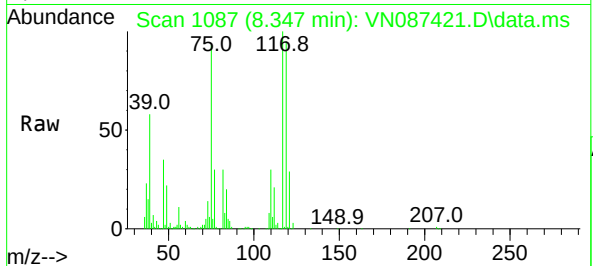




#33
Carbon Tetrachloride
Concen: 41.880 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

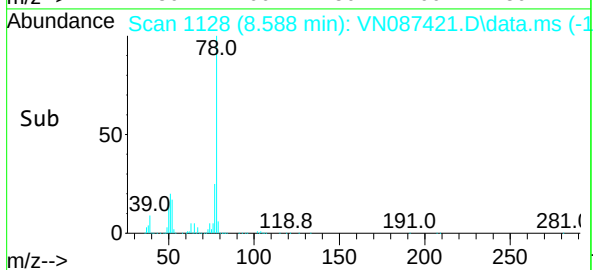
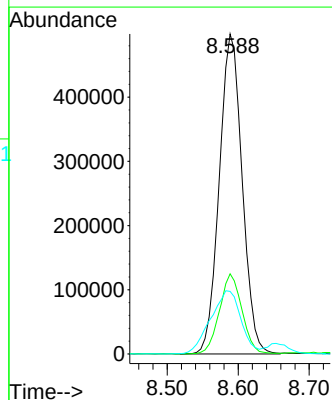
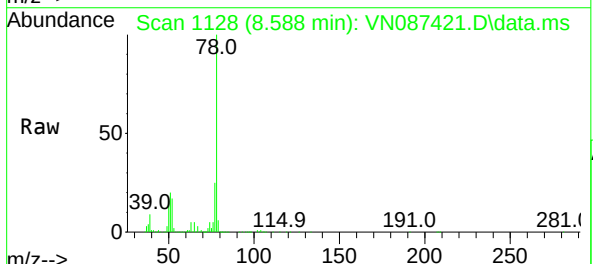
Instrument :
MSVOA_N
ClientSampleId :

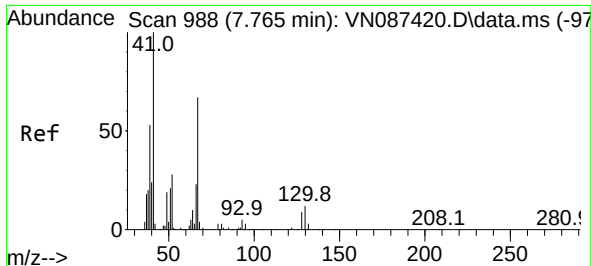
Tgt Ion:117 Resp: 343165
Ion Ratio Lower Upper
117 100
119 95.1 71.9 107.9
121 28.9 24.4 36.6



#34
Benzene
Concen: 41.201 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 78 Resp: 1114078
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0
51 19.4 16.3 24.5

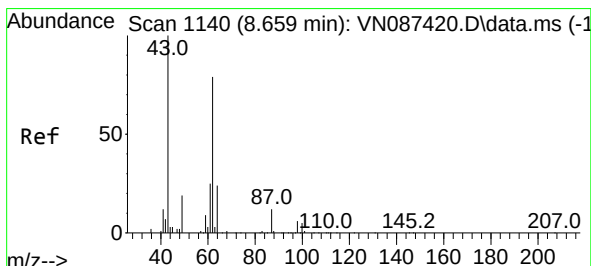
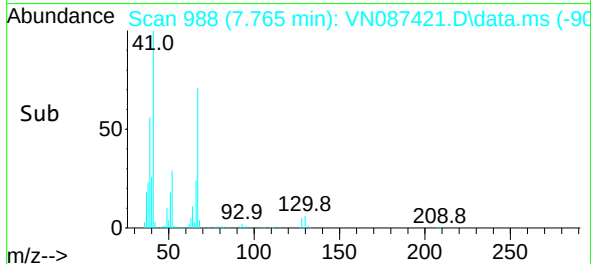
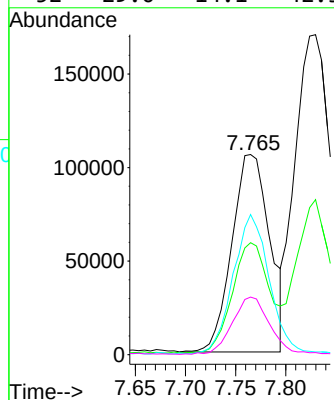
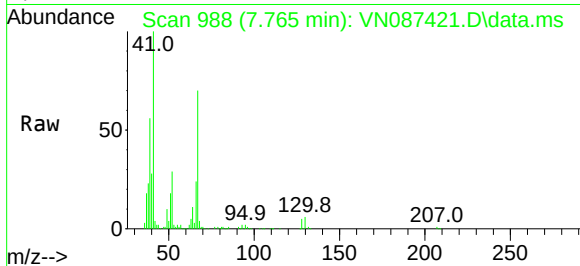




#35
Methacrylonitrile
Concen: 40.381 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

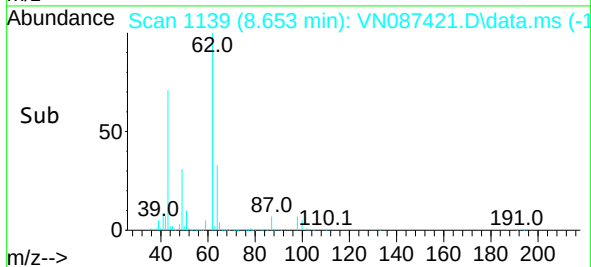
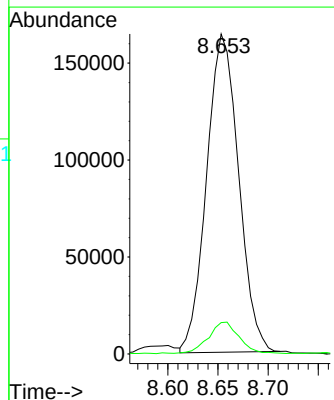
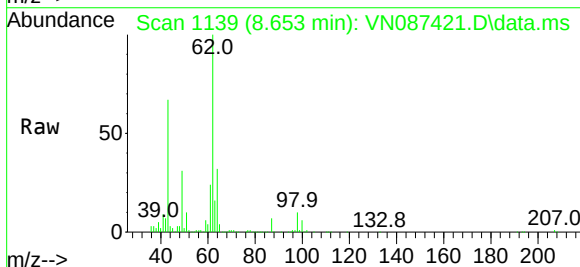
Instrument :
MSVOA_N
ClientSampleId :

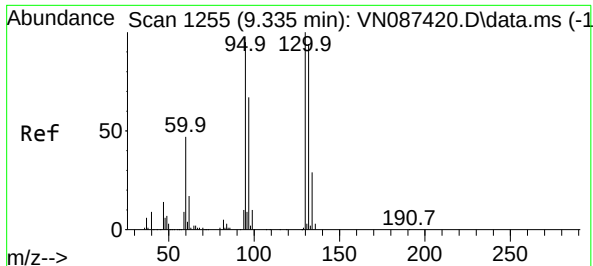
Tgt Ion: 41 Resp: 277074
Ion Ratio Lower Upper
41 100
39 55.7 26.7 80.1
67 70.1 33.5 100.4
52 29.0 14.1 42.3



#36
1,2-Dichloroethane
Concen: 40.551 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 62 Resp: 364910
Ion Ratio Lower Upper
62 100
98 9.3 0.2 0.2#





#37

Trichloroethene

Concen: 41.205 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

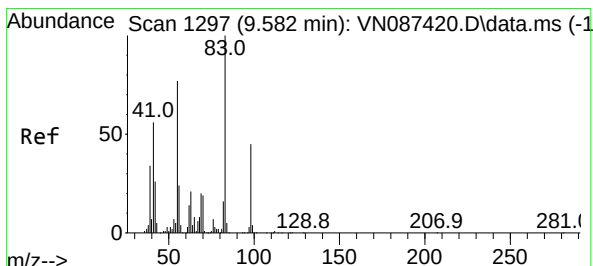
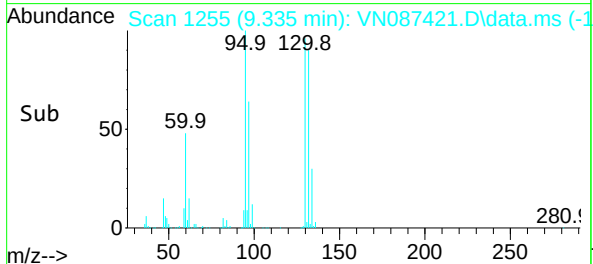
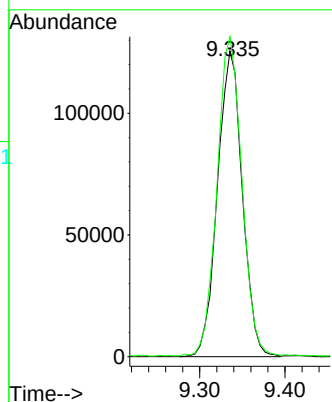
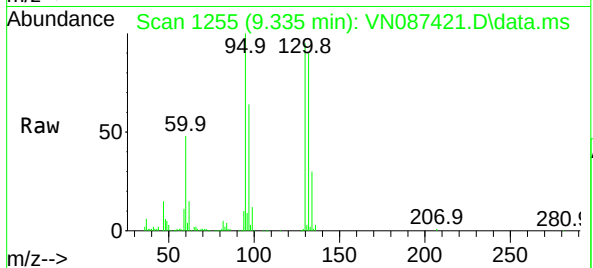
ClientSampleId :

Tgt Ion:130 Resp: 254332

Ion Ratio Lower Upper

130 100

95 104.4 76.4 114.6



#38

Methylcyclohexane

Concen: 41.476 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

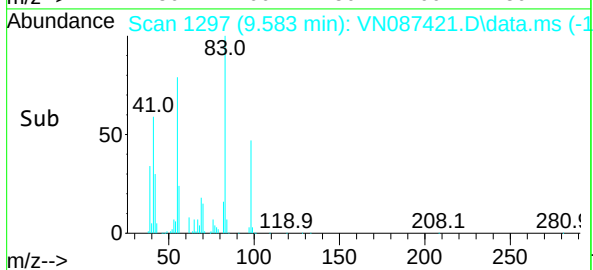
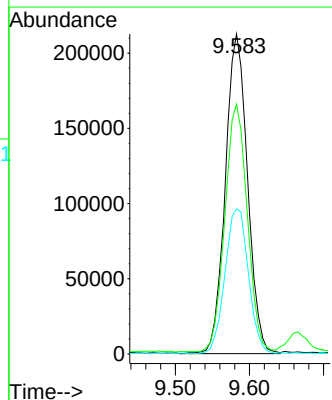
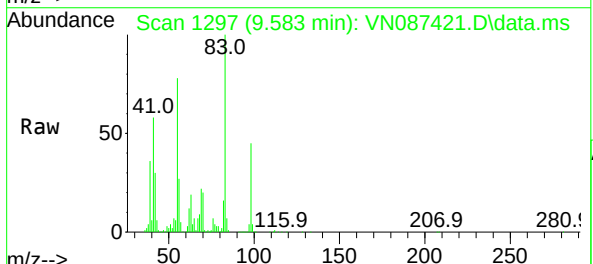
Tgt Ion: 83 Resp: 442244

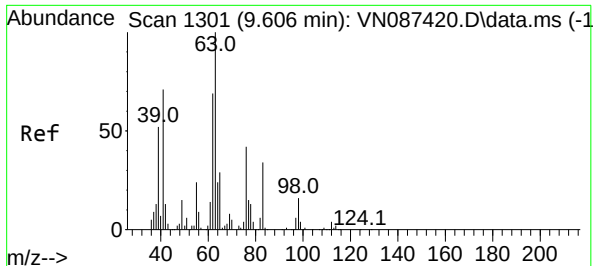
Ion Ratio Lower Upper

83 100

55 78.2 39.4 118.1

98 48.0 23.6 70.8





#39

1,2-Dichloropropane

Concen: 42.093 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

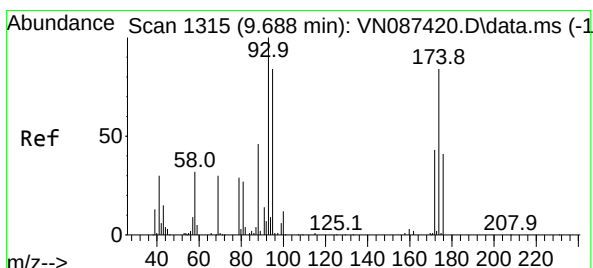
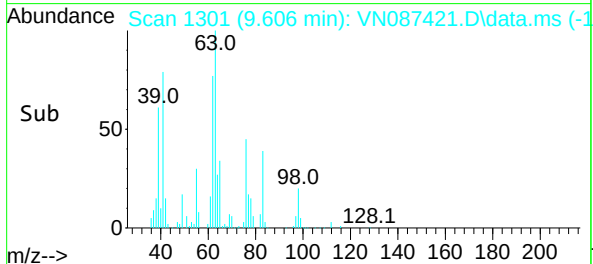
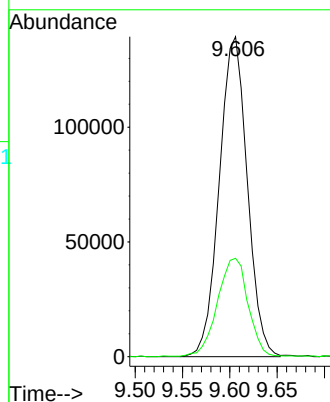
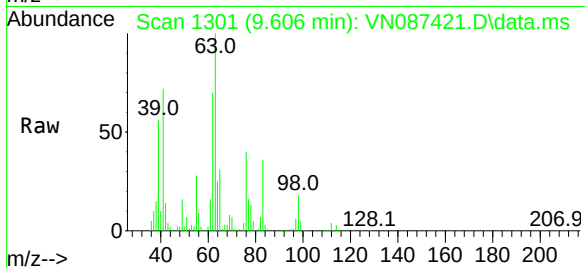
ClientSampleId :

Tgt Ion: 63 Resp: 286553

Ion Ratio Lower Upper

63 100

65 30.6 23.1 34.7



#40

Dibromomethane

Concen: 41.348 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

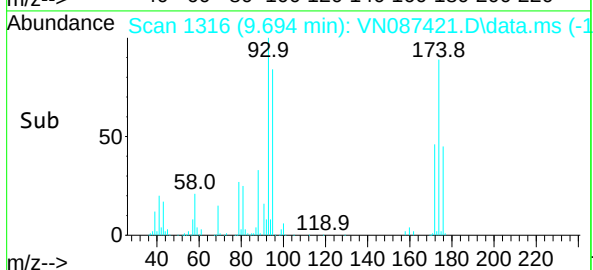
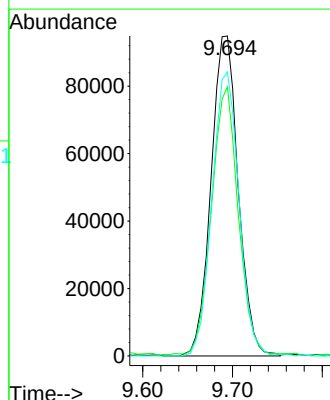
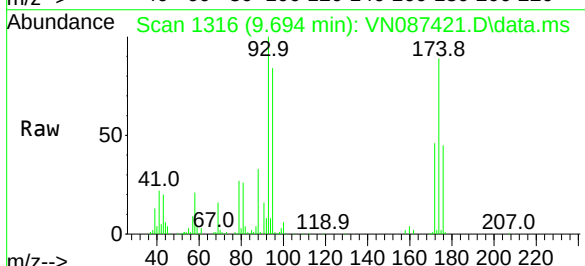
Tgt Ion: 93 Resp: 199678

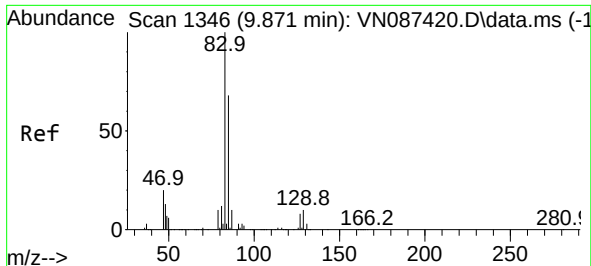
Ion Ratio Lower Upper

93 100

95 82.3 0.0 164.8

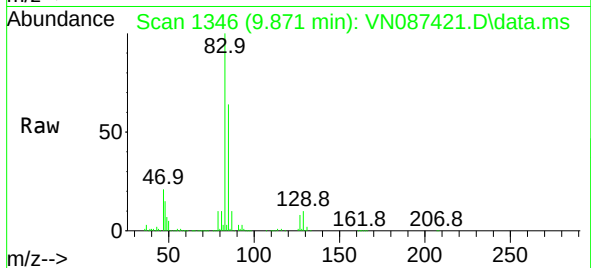
174 88.0 0.0 174.4



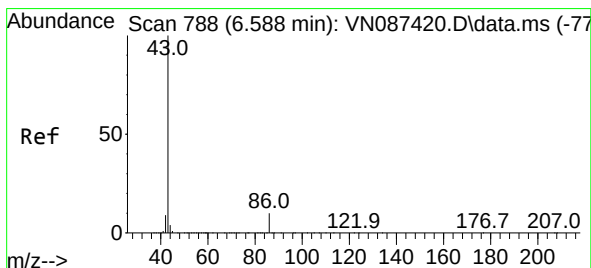
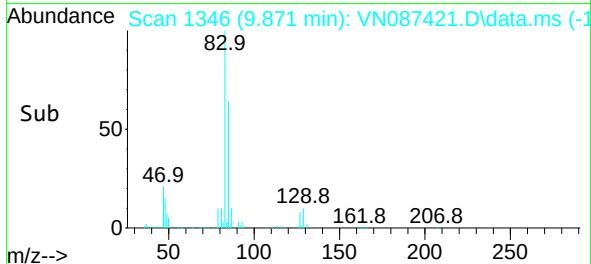
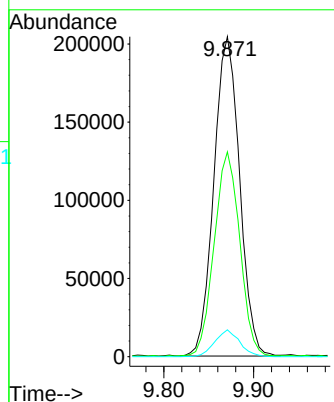


#41
Bromodichloromethane
Concen: 41.859 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :

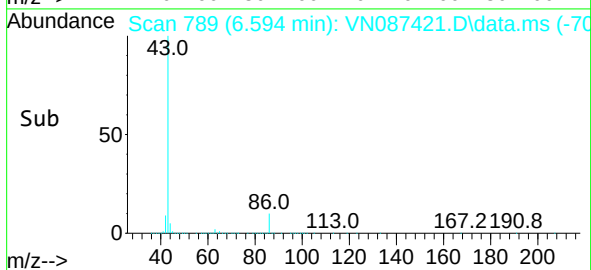
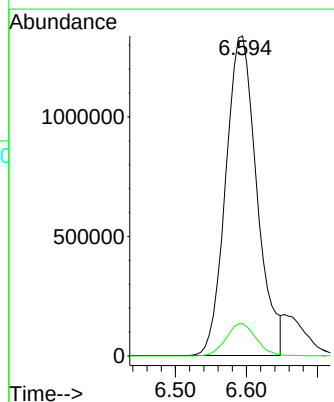
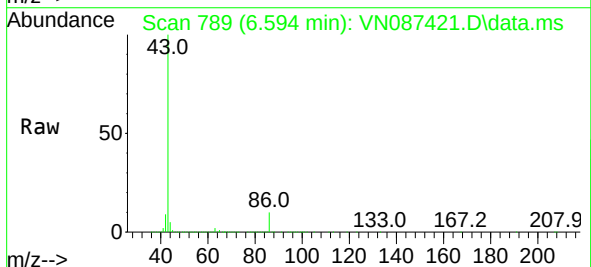


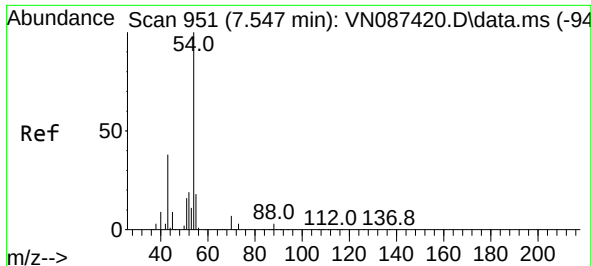
Tgt Ion: 83 Resp: 406835
Ion Ratio Lower Upper
83 100
85 63.8 54.5 81.7
127 8.4 6.6 10.0



#42
Vinyl Acetate
Concen: 202.344 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 43 Resp: 4078744
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9

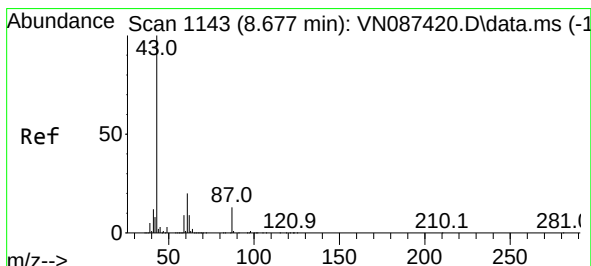
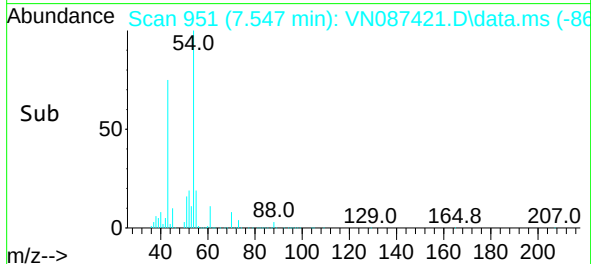
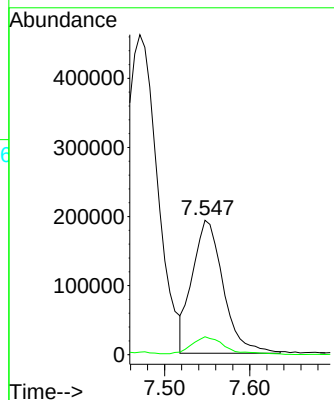
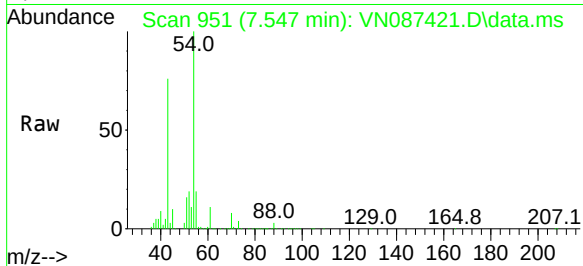




#43
Ethyl Acetate
Concen: 39.439 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

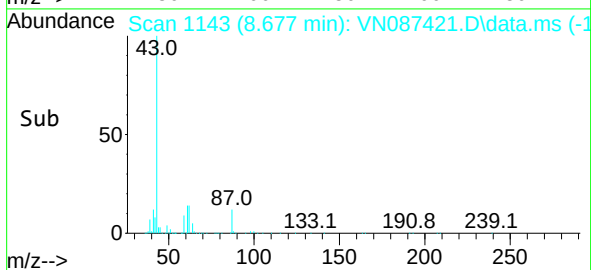
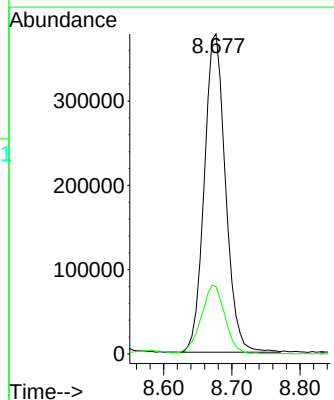
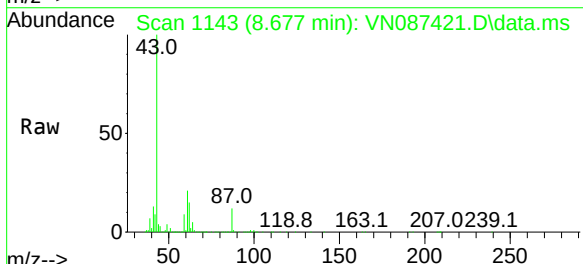
Instrument :
MSVOA_N
ClientSampleId :

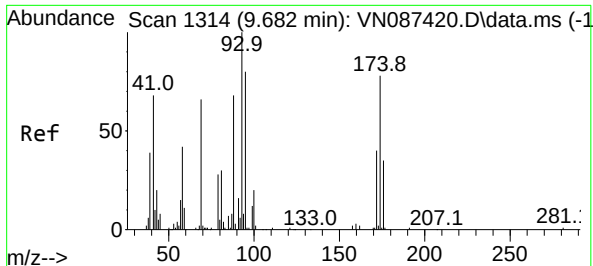
Tgt Ion: 43 Resp: 484273
Ion Ratio Lower Upper
43 100
45 14.7 1.6 2.4#



#44
Isopropyl Acetate
Concen: 41.729 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 43 Resp: 818584
Ion Ratio Lower Upper
43 100
61 24.4 20.0 30.0





#45

1,4-Dioxane

Concen: 796.364 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

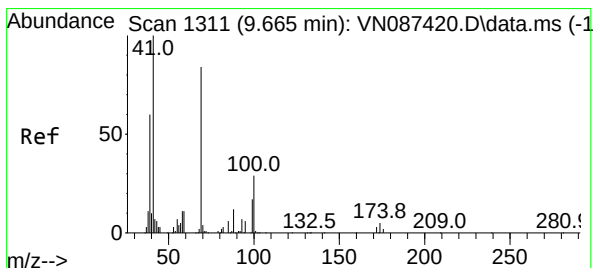
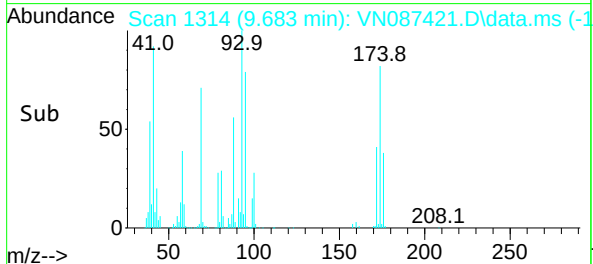
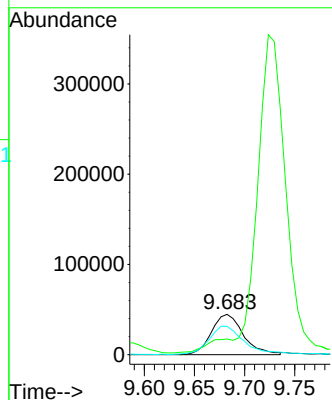
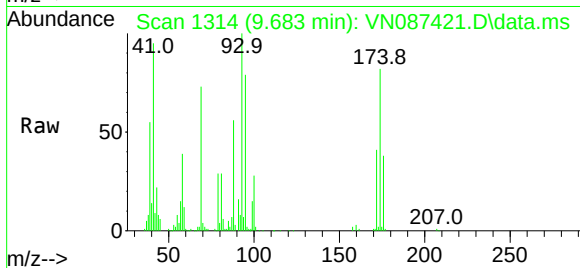
Tgt Ion: 88 Resp: 99119

Ion Ratio Lower Upper

88 100

43 30.2 22.7 34.1

58 77.1 56.2 84.4



#46

Methyl methacrylate

Concen: 42.443 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

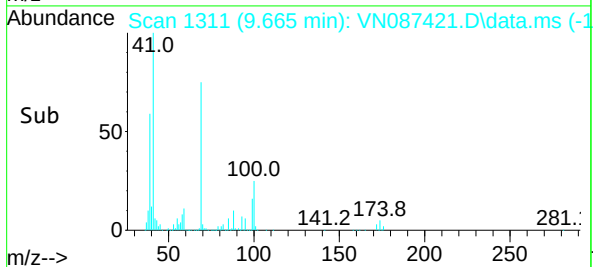
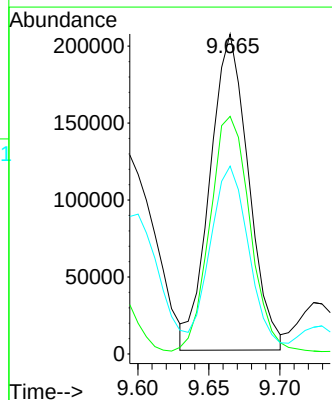
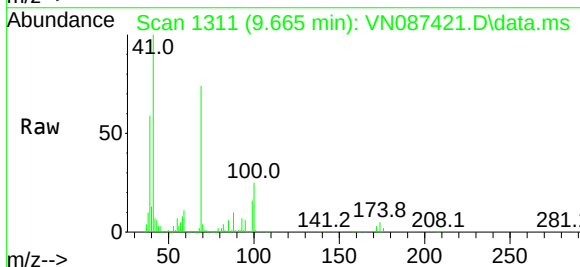
Tgt Ion: 41 Resp: 387675

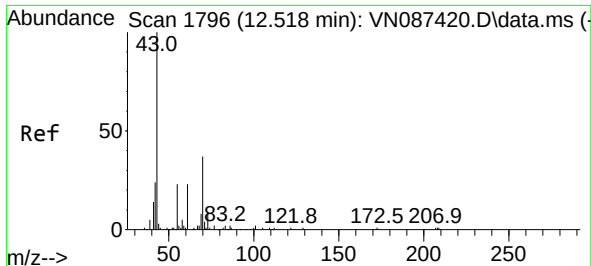
Ion Ratio Lower Upper

41 100

69 76.8 41.9 125.7

39 58.7 31.1 93.5

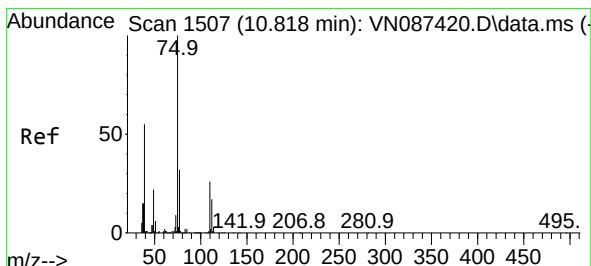
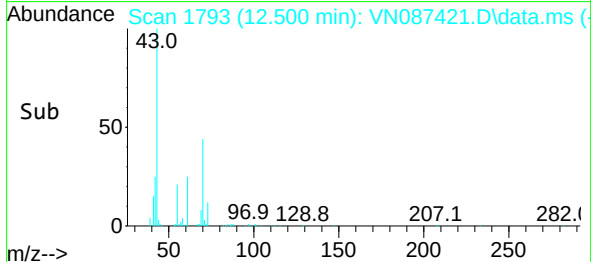
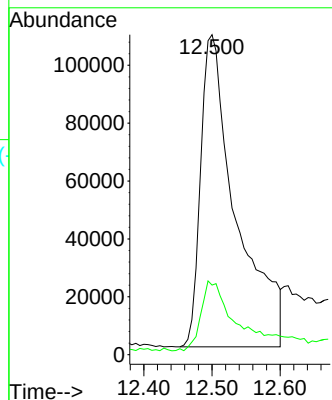
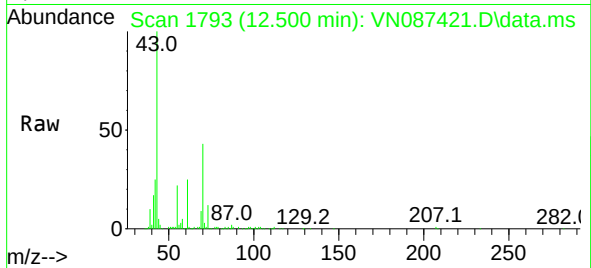




#47
n-amy1 Acetate
Concen: 48.388 ug/l
RT: 12.500 min Scan# 1796
Delta R.T. -0.018 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

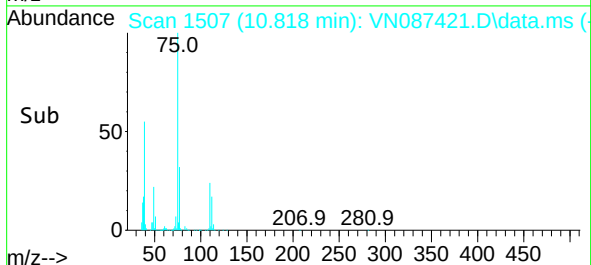
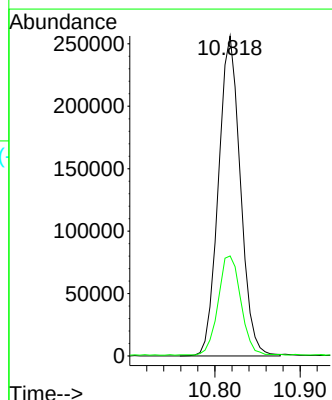
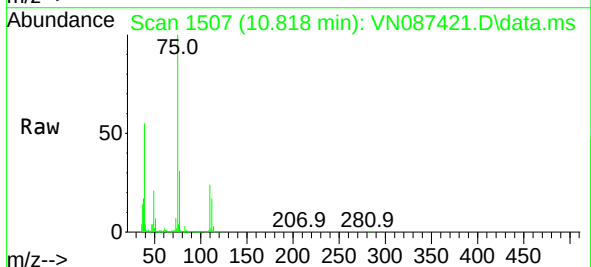
Instrument :
MSVOA_N
ClientSampleId :

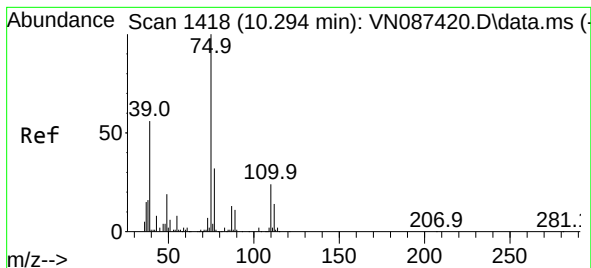
Tgt Ion: 43 Resp: 391335
Ion Ratio Lower Upper
43 100
55 17.2 15.0 22.6



#48
t-1,3-Dichloropropene
Concen: 42.006 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

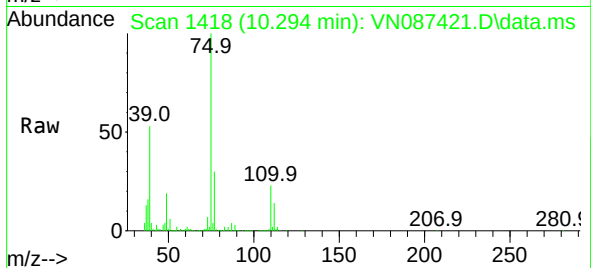
Tgt Ion: 75 Resp: 459614
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



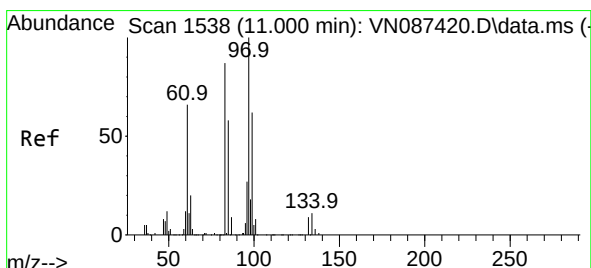
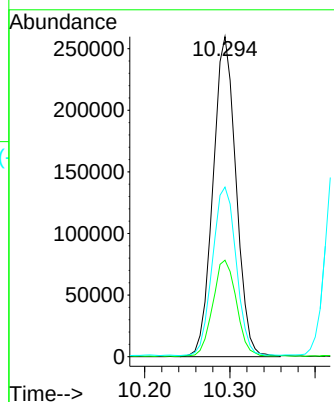
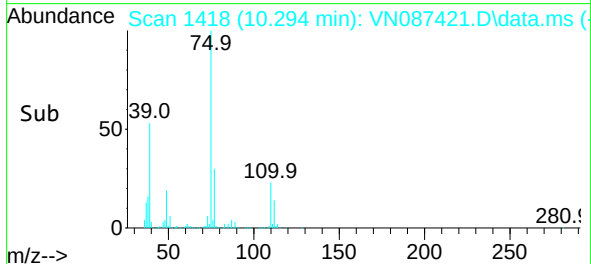


#49
 cis-1,3-Dichloropropene
 Concen: 42.408 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

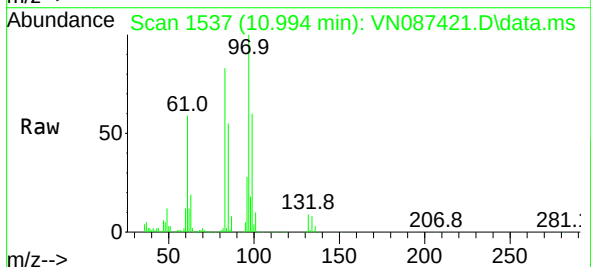
Instrument :
 MSVOA_N
 ClientSampleId :



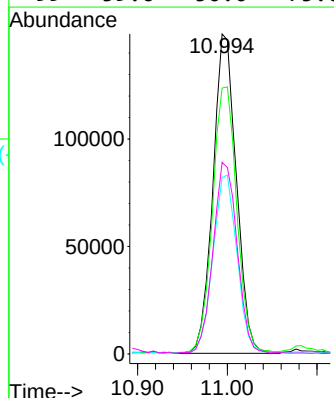
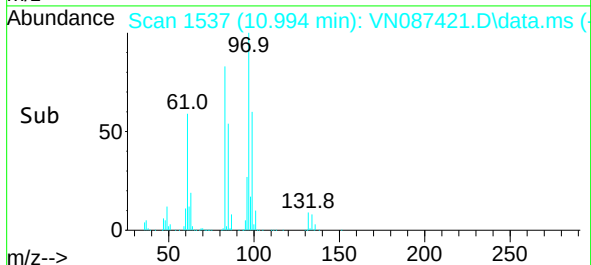
Tgt Ion: 75 Resp: 487320
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.1 39.1
 39 52.6 45.0 67.4

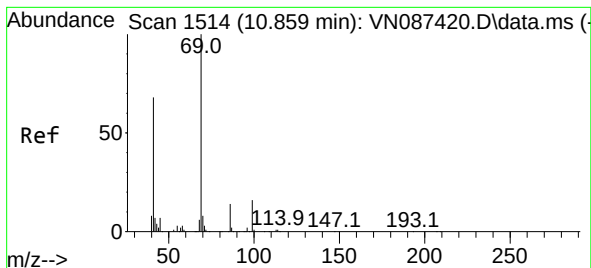


#50
 1,1,2-Trichloroethane
 Concen: 41.813 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.006 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27



Tgt Ion: 97 Resp: 268781
 Ion Ratio Lower Upper
 97 100
 83 82.9 70.0 105.0
 85 54.8 46.2 69.2
 99 59.6 50.0 75.0





#51

Ethyl methacrylate

Concen: 42.418 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

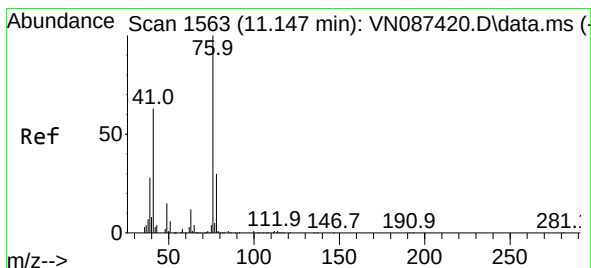
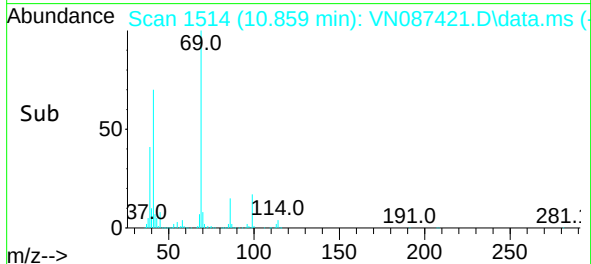
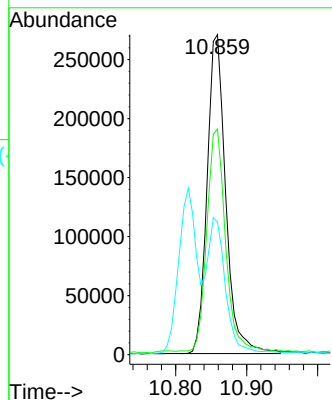
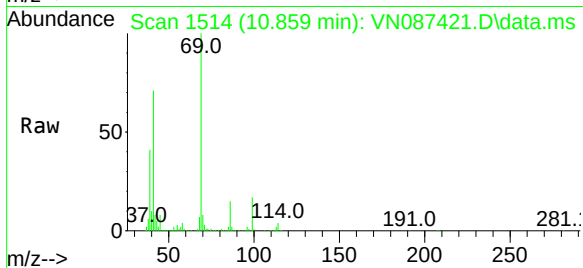
Tgt Ion: 69 Resp: 493799

Ion Ratio Lower Upper

69 100

41 69.6 33.9 101.6

39 40.7 20.3 60.9



#52

1,3-Dichloropropane

Concen: 42.817 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.000 min

Lab File: VN087421.D

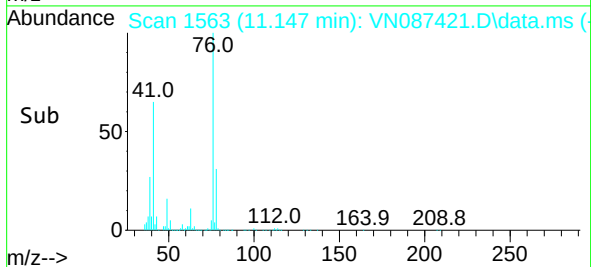
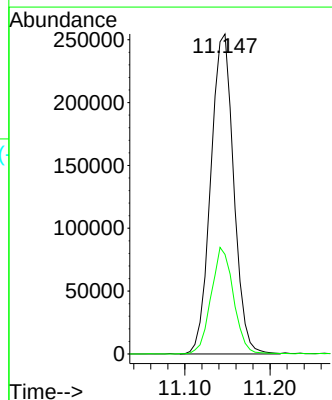
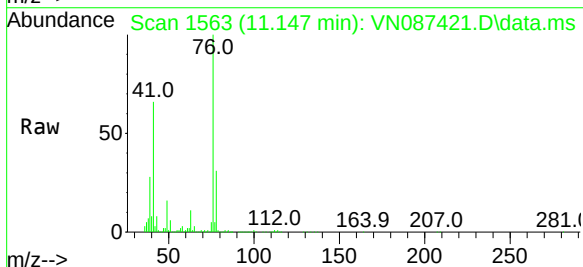
Acq: 28 Jul 2025 10:27

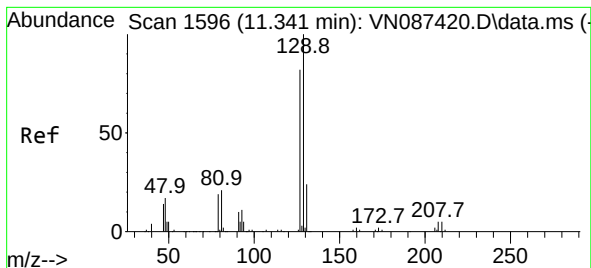
Tgt Ion: 76 Resp: 475675

Ion Ratio Lower Upper

76 100

78 32.6 0.0 67.4





#53

Dibromochloromethane

Concen: 42.399 ug/l

RT: 11.341 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

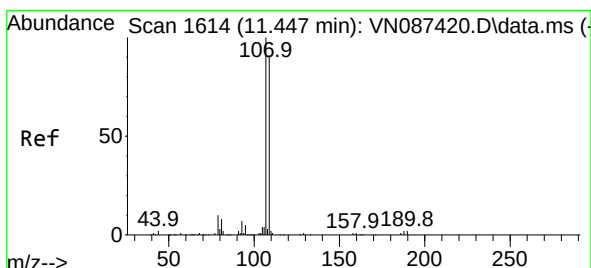
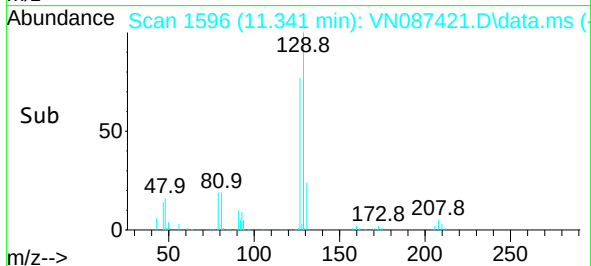
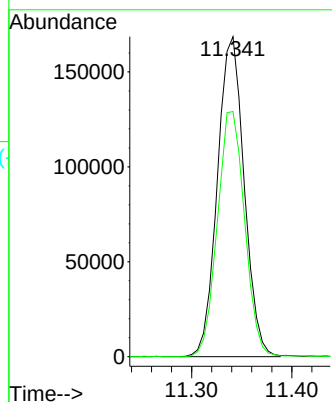
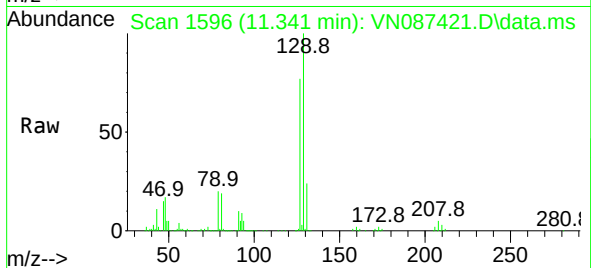
ClientSampleId :

Tgt Ion:129 Resp: 312618

Ion Ratio Lower Upper

129 100

127 77.9 39.5 118.3



#54

1,2-Dibromoethane

Concen: 42.080 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VN087421.D

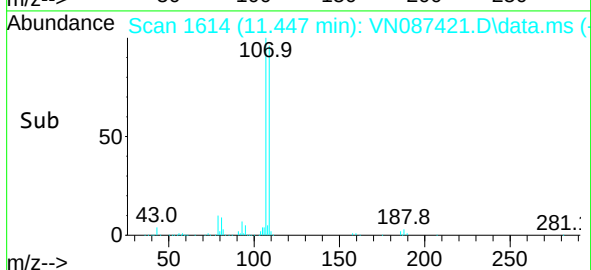
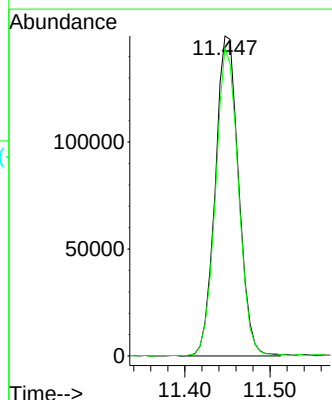
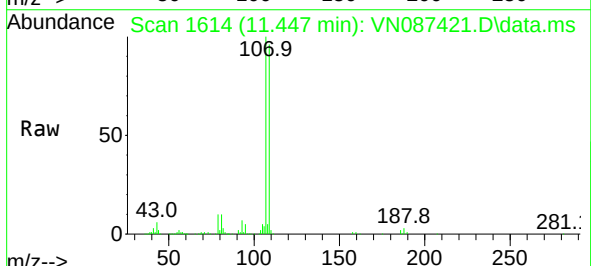
Acq: 28 Jul 2025 10:27

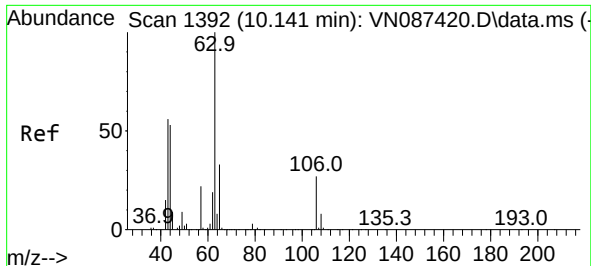
Tgt Ion:107 Resp: 284615

Ion Ratio Lower Upper

107 100

109 94.1 73.9 110.9

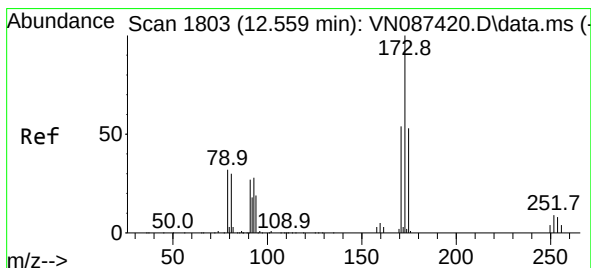
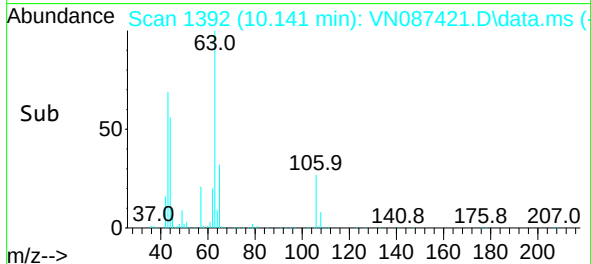
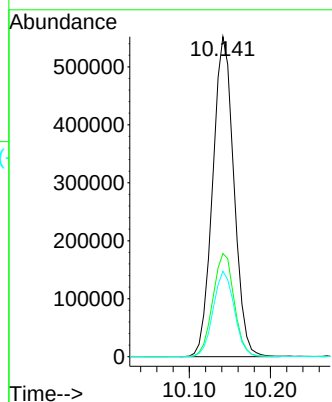
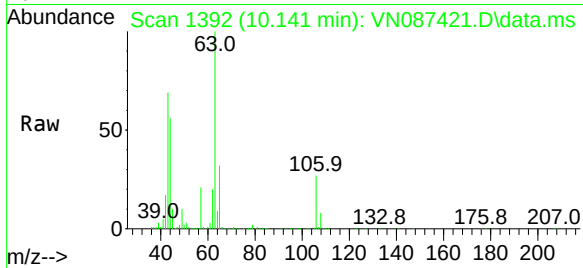




#55
2-Chloroethyl vinyl ether
Concen: 209.203 ug/l
RT: 10.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

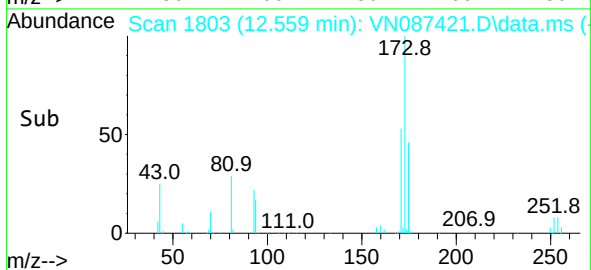
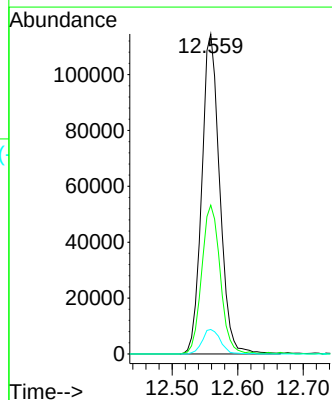
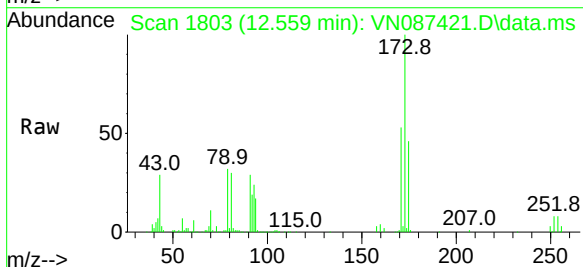
Instrument :
MSVOA_N
ClientSampleId :

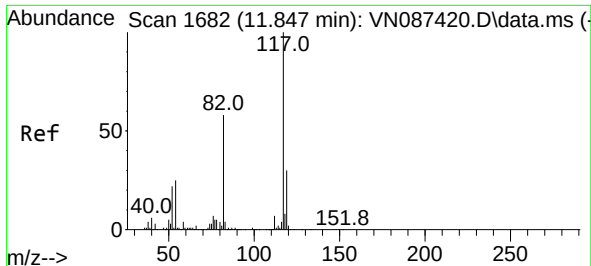
Tgt Ion: 63 Resp: 1001321
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 26.6 21.3 31.9



#56
Bromoform
Concen: 42.150 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion:173 Resp: 218091
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 7.8 6.4 9.6

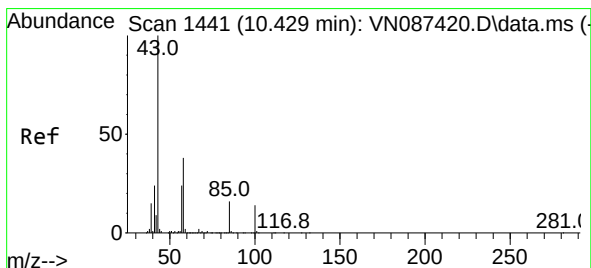
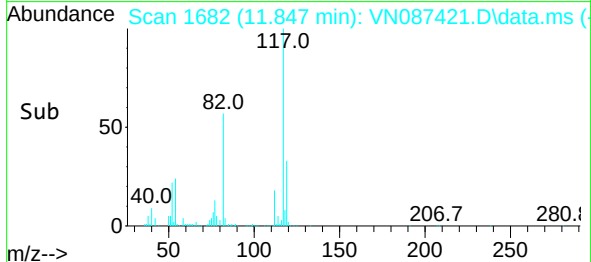
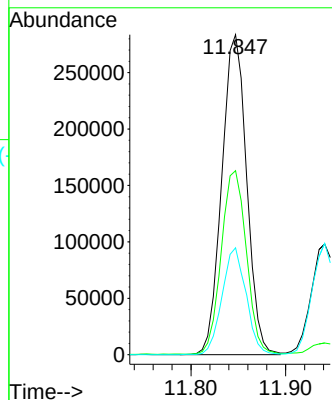
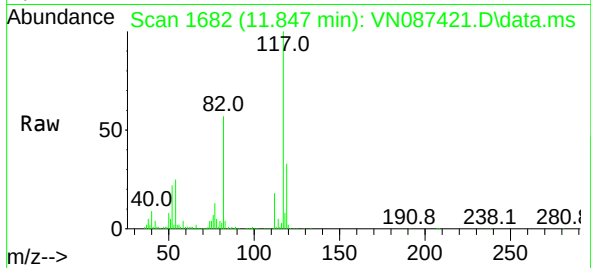




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

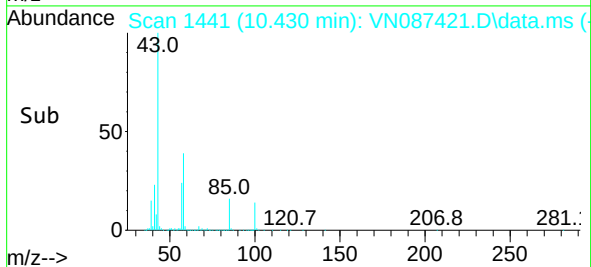
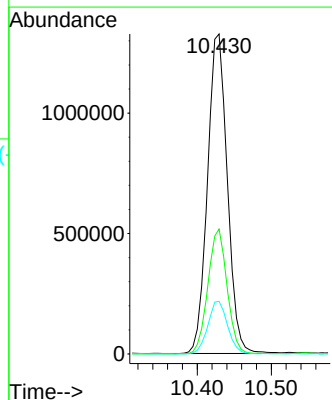
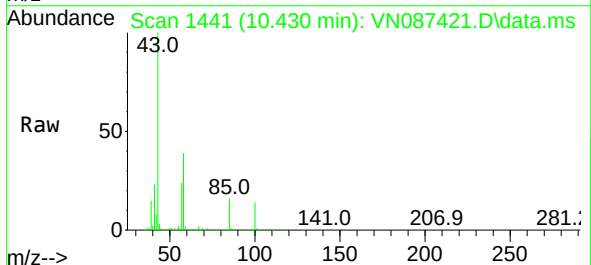
Instrument :
MSVOA_N
ClientSampleId :

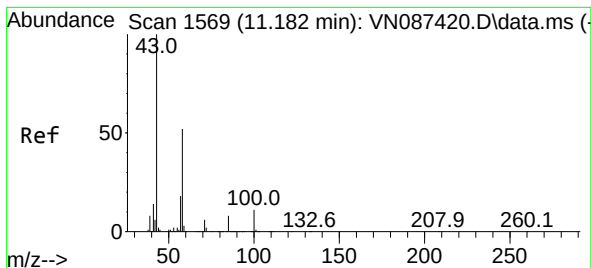
Tgt Ion:117 Resp: 518227
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 211.256 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 43 Resp: 2465965
Ion Ratio Lower Upper
43 100
58 37.9 29.9 44.9
85 16.4 12.8 19.2

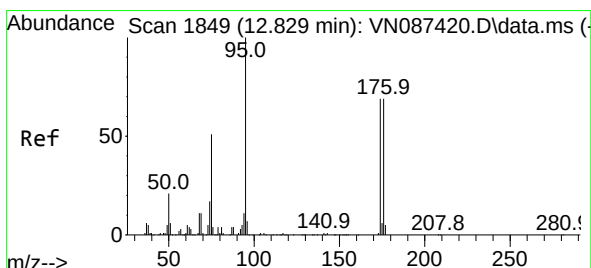
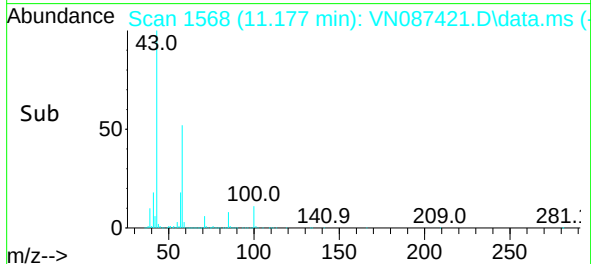
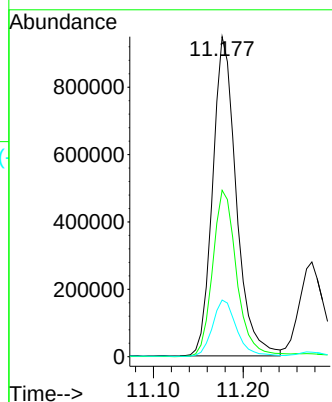
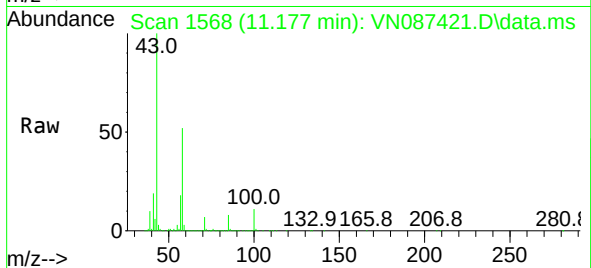




#59
2-Hexanone
Concen: 214.524 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

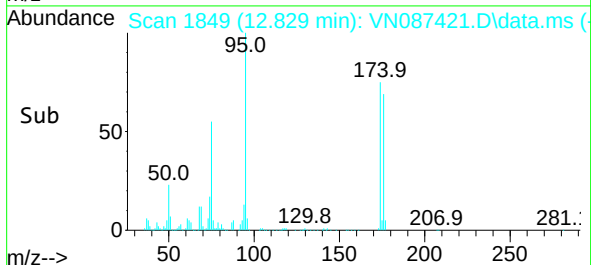
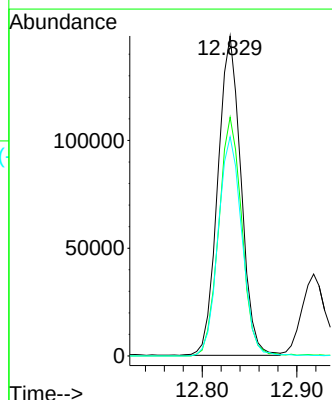
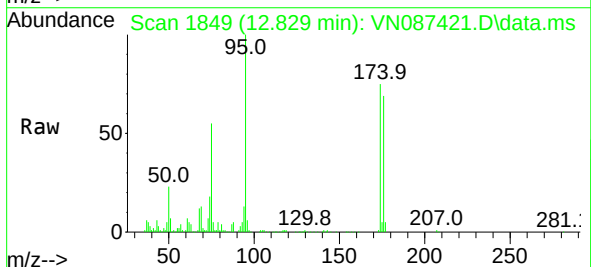
Instrument :
MSVOA_N
ClientSampleId :

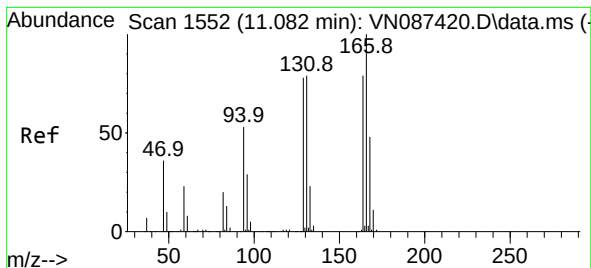
Tgt Ion: 43 Resp: 1735360
Ion Ratio Lower Upper
43 100
58 53.3 42.2 63.2
57 18.1 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 29.588 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 95 Resp: 251797
Ion Ratio Lower Upper
95 100
174 74.3 57.8 86.8
176 70.4 54.9 82.3





#61

Tetrachloroethene

Concen: 41.833 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

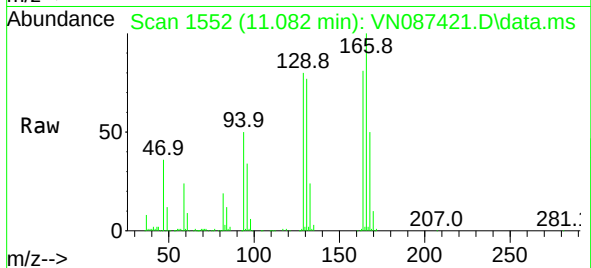
Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 205829

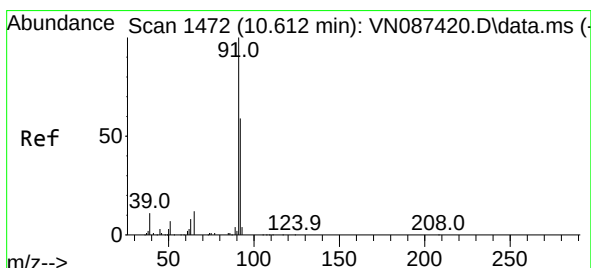
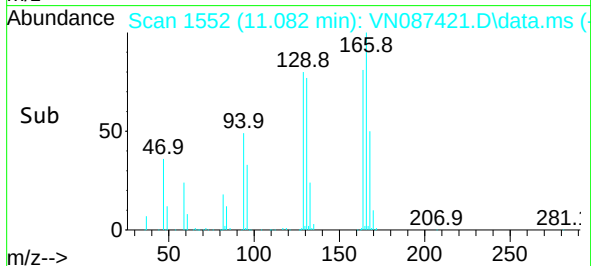
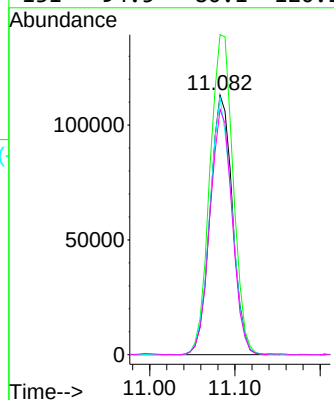
Ion Ratio Lower Upper

164 100

166 123.3 101.8 152.8

129 98.8 79.8 119.8

131 94.5 80.1 120.1



#62

Toluene

Concen: 41.908 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087421.D

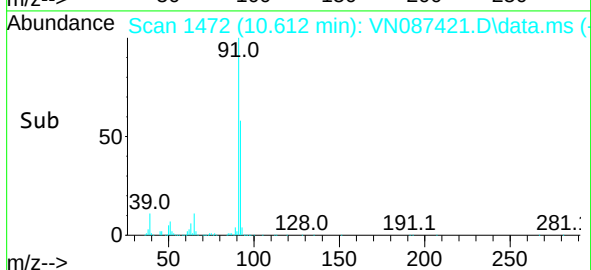
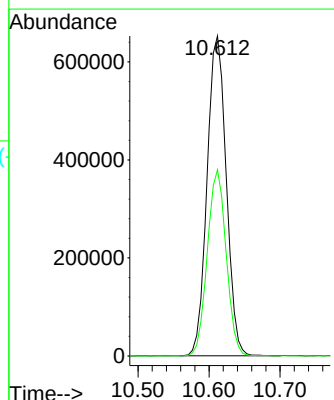
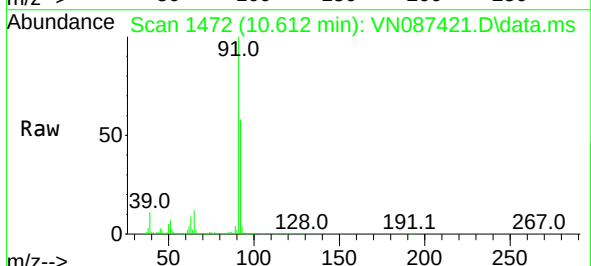
Acq: 28 Jul 2025 10:27

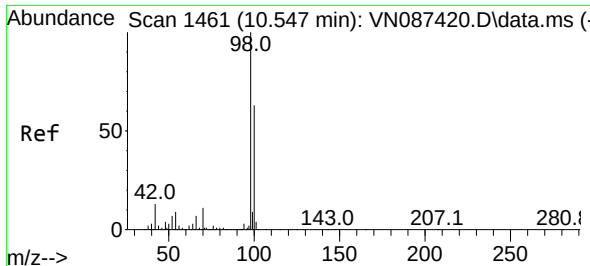
Tgt Ion: 91 Resp: 1225674

Ion Ratio Lower Upper

91 100

92 57.1 45.6 68.4

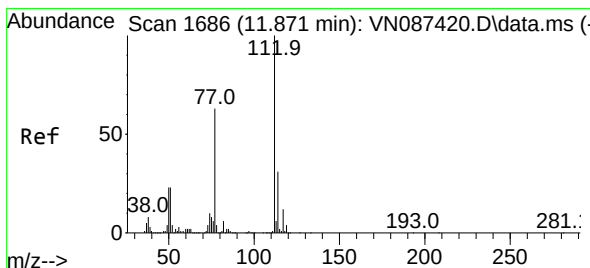
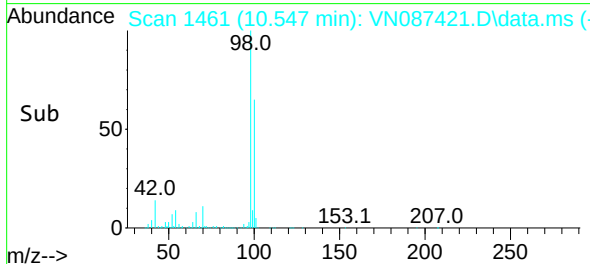
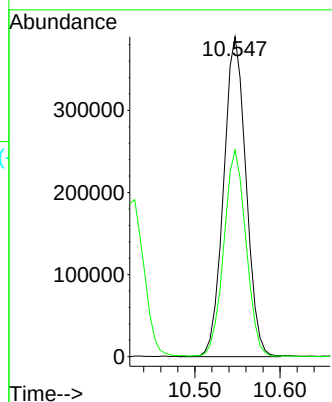
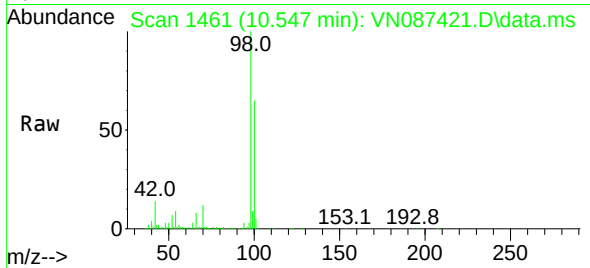




#63
Toluene-d8
Concen: 29.967 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

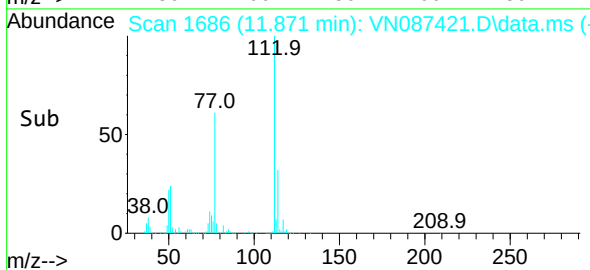
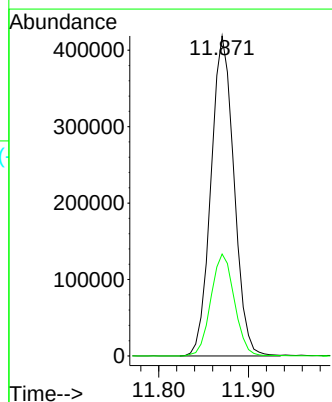
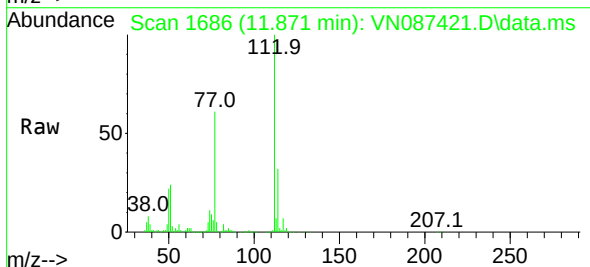
Instrument :
MSVOA_N
ClientSampleId :

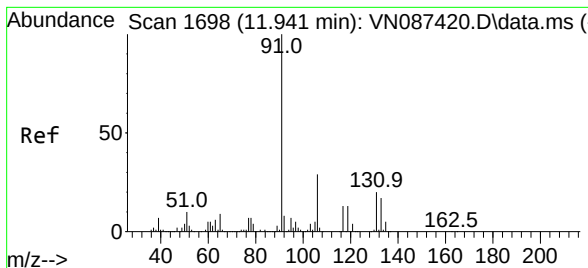
Tgt Ion: 98 Resp: 713184
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



#64
Chlorobenzene
Concen: 41.501 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 112 Resp: 746442
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

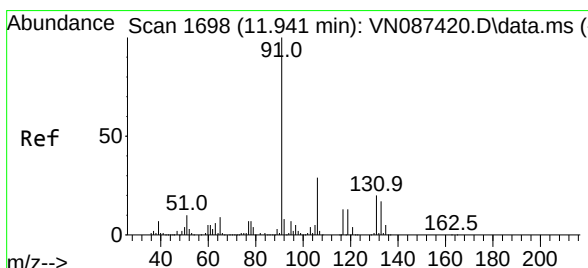
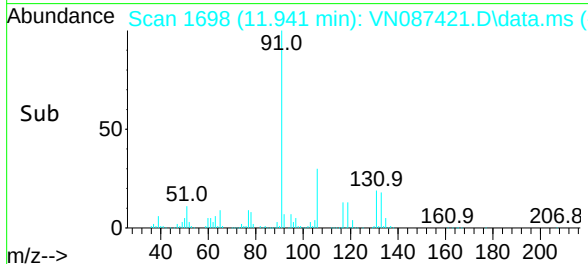
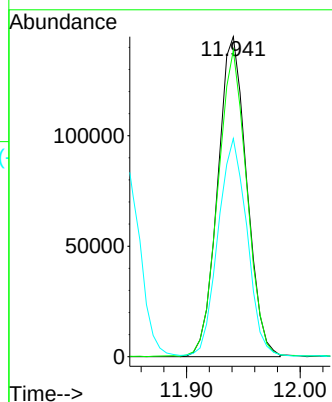
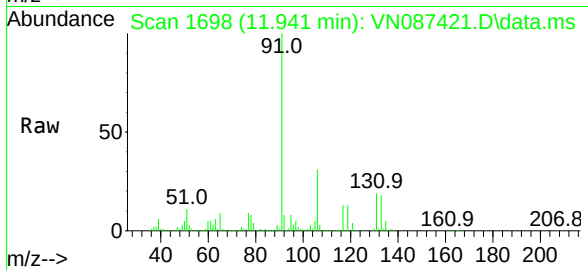




#65
 1,1,1,2-Tetrachloroethane
 Concen: 42.134 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

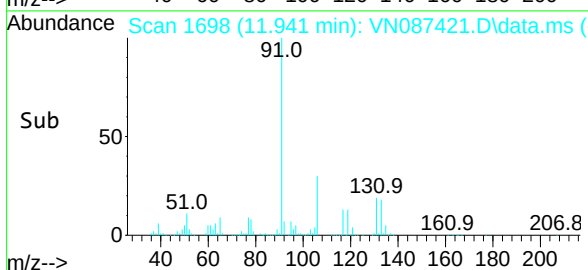
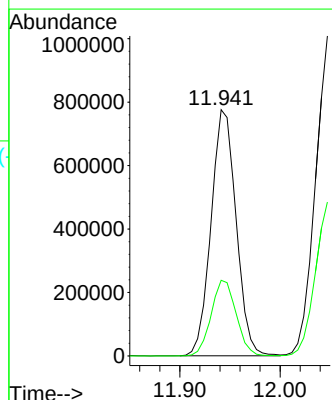
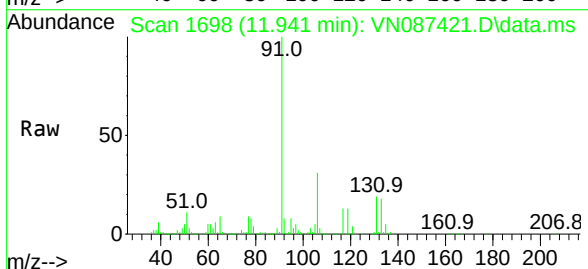
Instrument :
 MSVOA_N
 ClientSampleId :

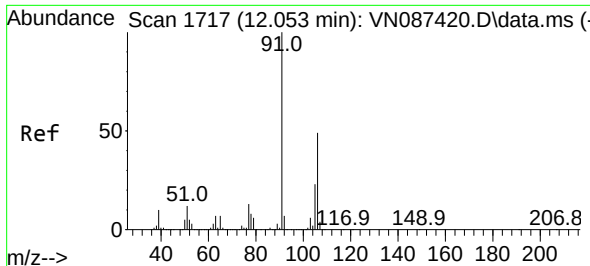
Tgt Ion:131 Resp: 256968
 Ion Ratio Lower Upper
 131 100
 133 95.3 0.0 184.2
 119 67.9 0.0 136.4



#66
 Ethyl Benzene
 Concen: 42.194 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

Tgt Ion: 91 Resp: 1348264
 Ion Ratio Lower Upper
 91 100
 106 30.7 23.6 35.4

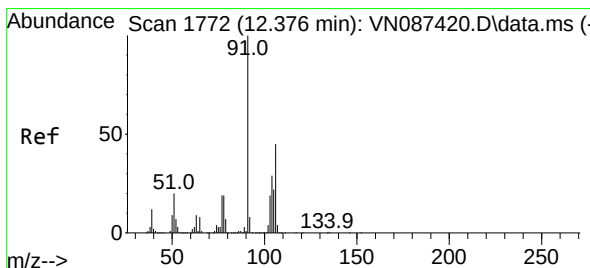
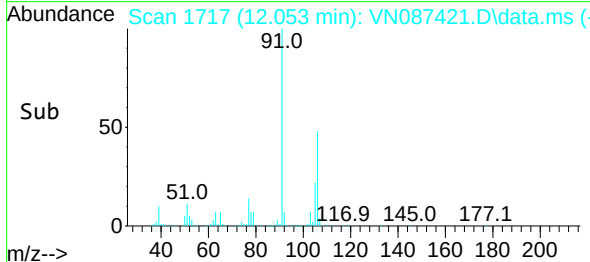
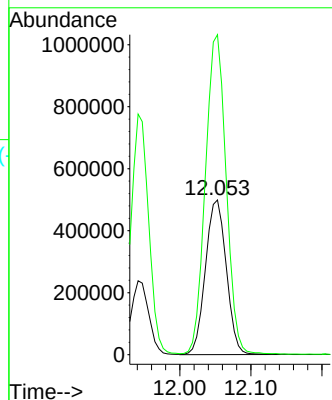
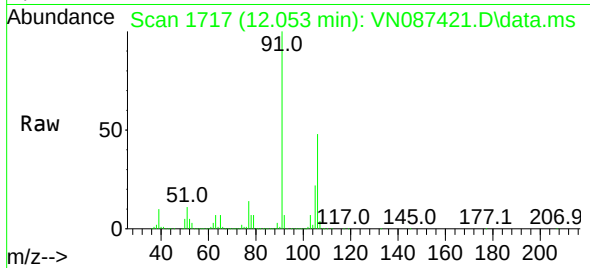




#67
m/p-Xylenes
Concen: 85.245 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

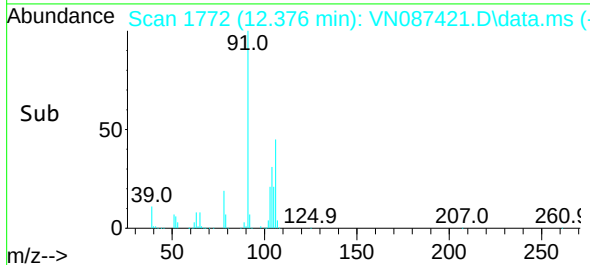
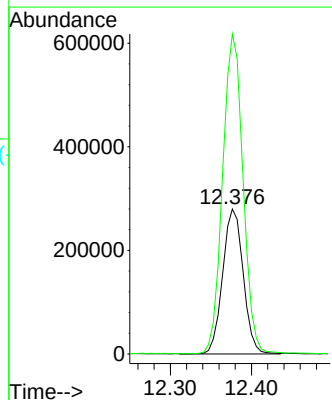
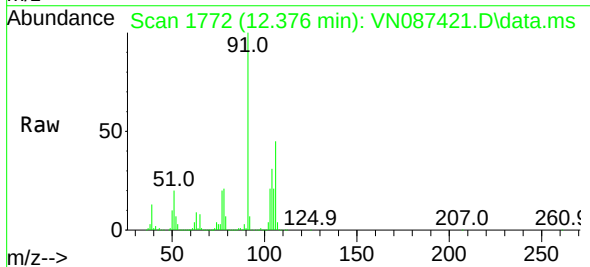
Instrument :
MSVOA_N
ClientSampleId :

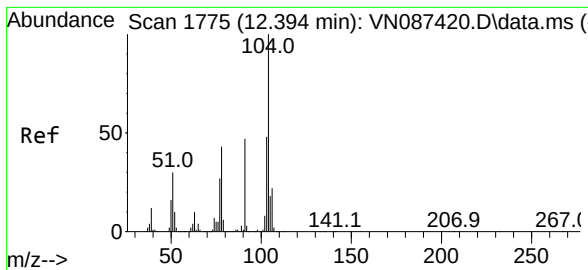
Tgt Ion:106 Resp: 1020622
Ion Ratio Lower Upper
106 100
91 205.6 165.4 248.2



#68
o-Xylene
Concen: 42.051 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion:106 Resp: 492694
Ion Ratio Lower Upper
106 100
91 219.0 106.9 320.8

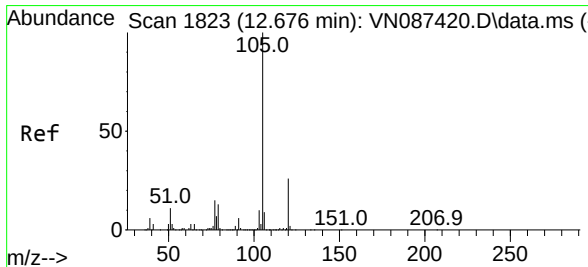
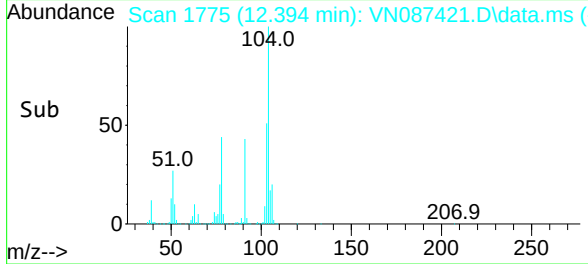
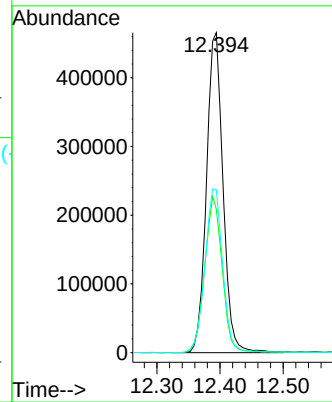
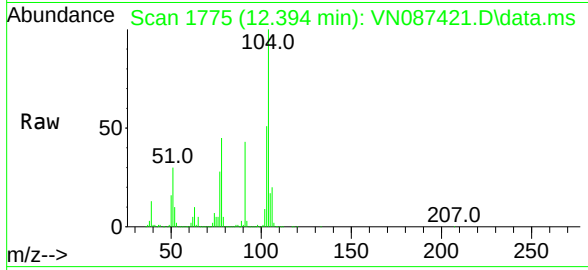




#69
Styrene
Concen: 42.252 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

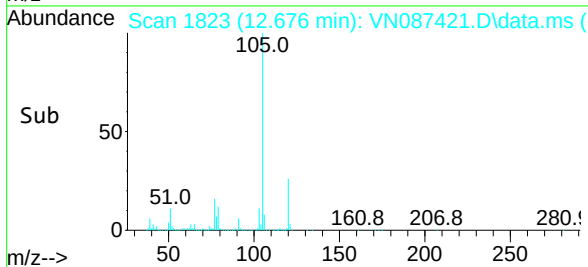
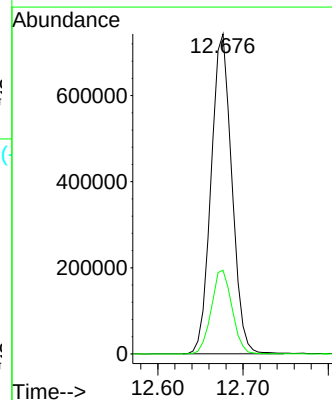
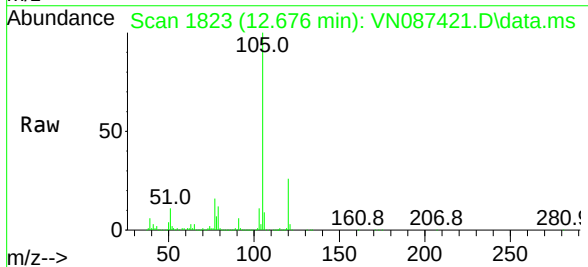
Instrument :
MSVOA_N
ClientSampleId :

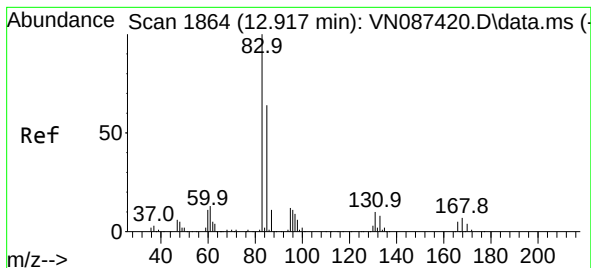
Tgt Ion:104 Resp: 846783
Ion Ratio Lower Upper
104 100
78 51.2 40.6 60.8
103 55.0 43.8 65.8



#70
Isopropylbenzene
Concen: 41.764 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion:105 Resp: 1256635
Ion Ratio Lower Upper
105 100
120 26.2 18.1 33.5

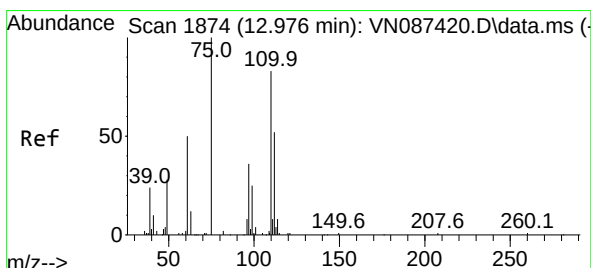
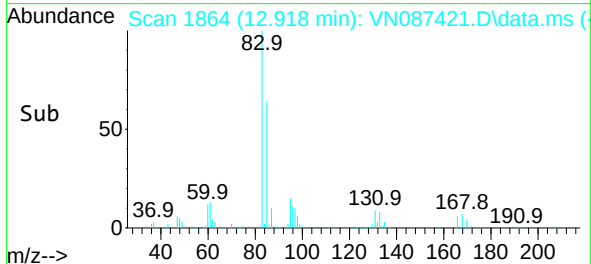
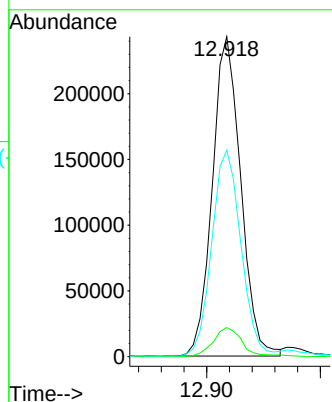
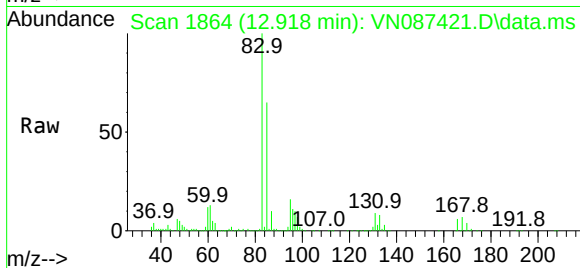




#71
 1,1,2,2-Tetrachloroethane
 Concen: 41.173 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

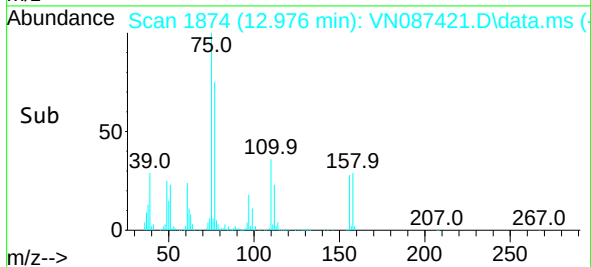
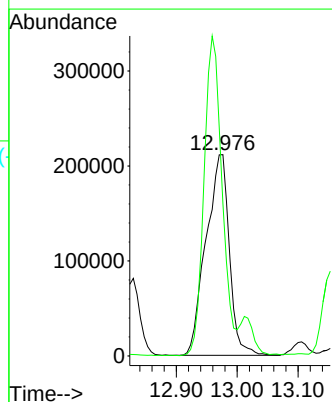
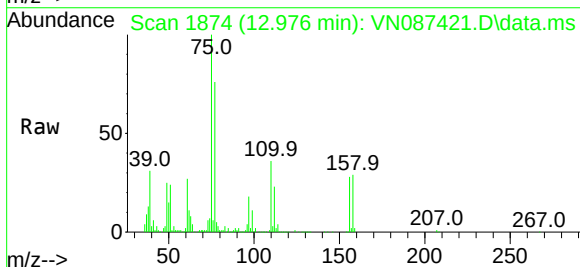
Instrument :
 MSVOA_N
 ClientSampleId :

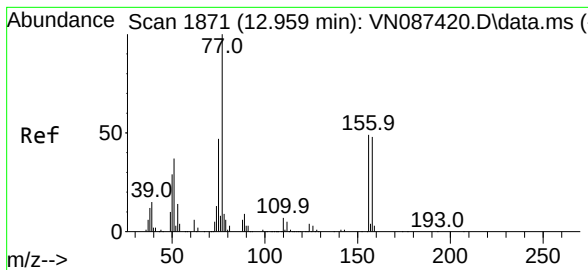
Tgt Ion: 83 Resp: 422439
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 14.9
 85 65.9 32.7 98.1



#72
 1,2,3-Trichloropropane
 Concen: 60.225 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

Tgt Ion: 75 Resp: 562066
 Ion Ratio Lower Upper
 75 100
 77 123.7 0.0 322.6

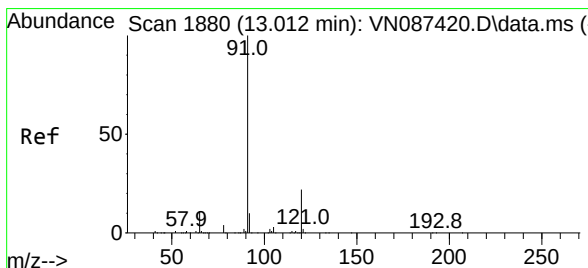
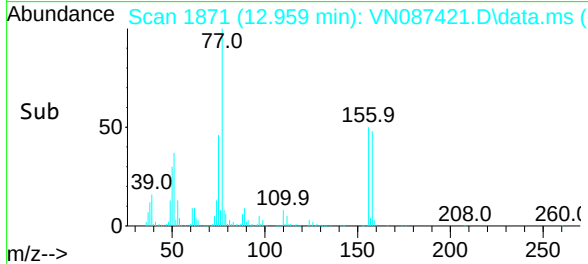
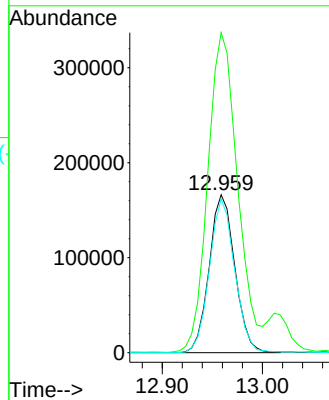
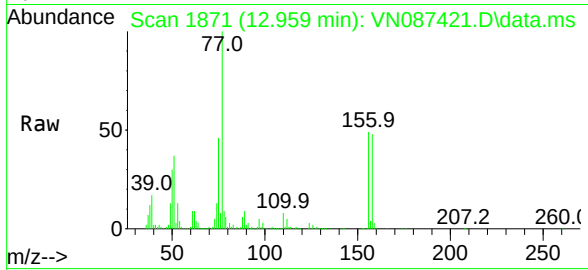




#73
Bromobenzene
Concen: 42.264 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

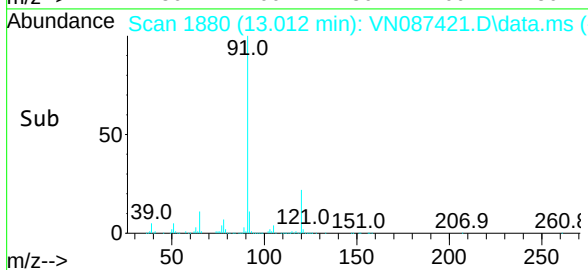
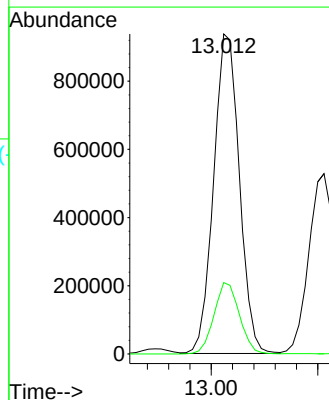
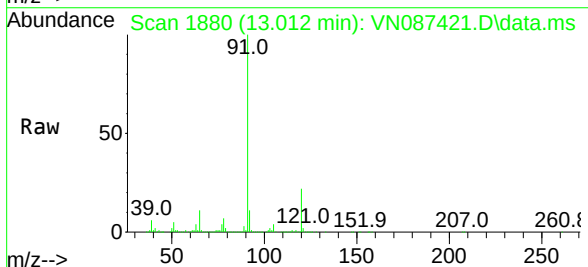
Instrument :
MSVOA_N
ClientSampleId :

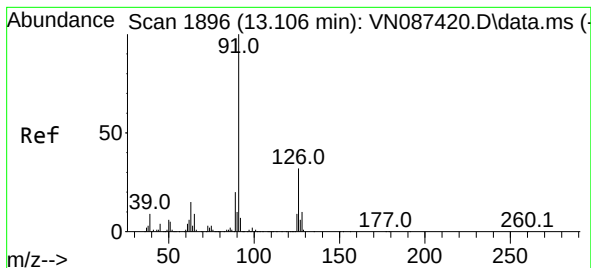
Tgt Ion:156 Resp: 295472
Ion Ratio Lower Upper
156 100
77 235.3 0.0 483.0
158 96.3 0.0 195.0



#74
n-propylbenzene
Concen: 42.272 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 91 Resp: 1570377
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0

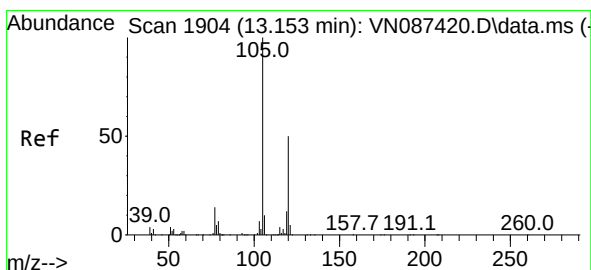
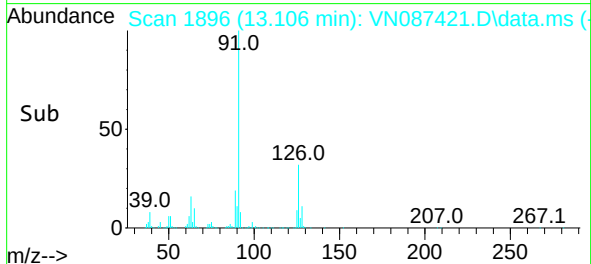
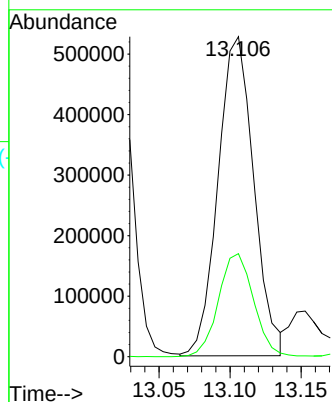
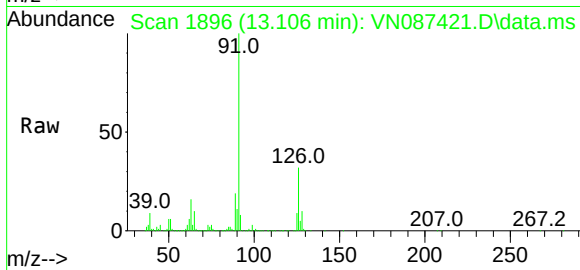




#75
2-Chlorotoluene
Concen: 41.947 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

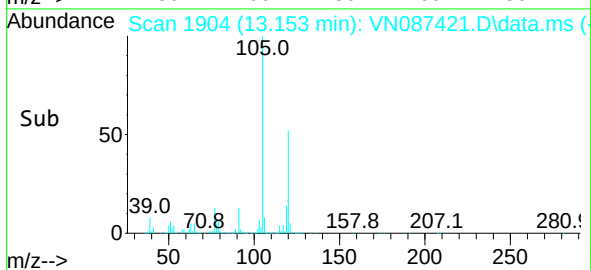
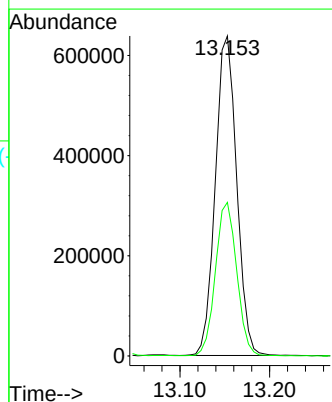
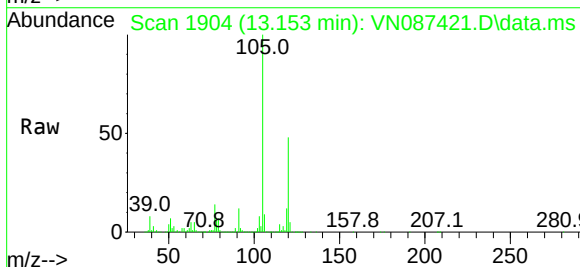
Instrument :
MSVOA_N
ClientSampleId :

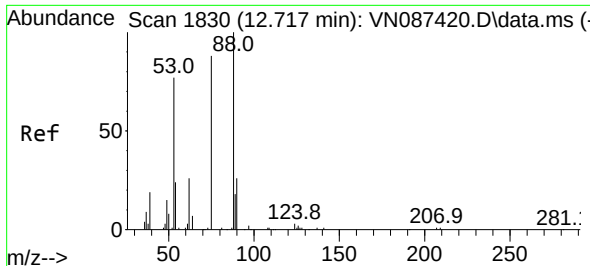
Tgt Ion: 91 Resp: 924823
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 42.266 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion:105 Resp: 1053588
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.0

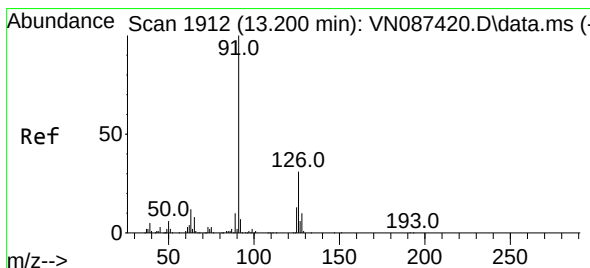
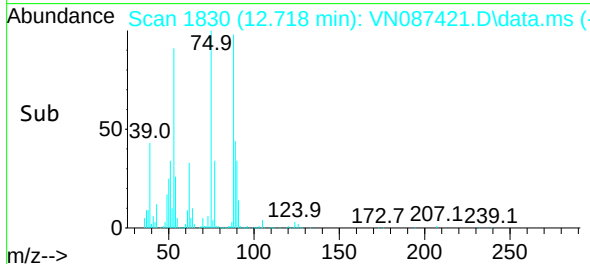
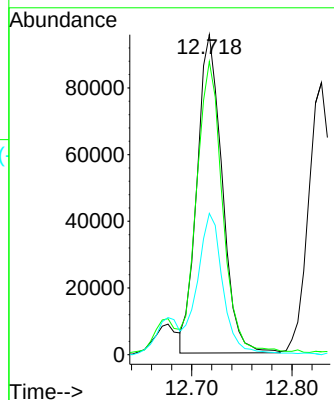
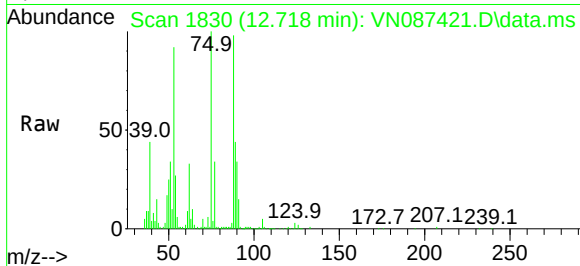




#77
t-1,4-Dichloro-2-butene
Concen: 41.991 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

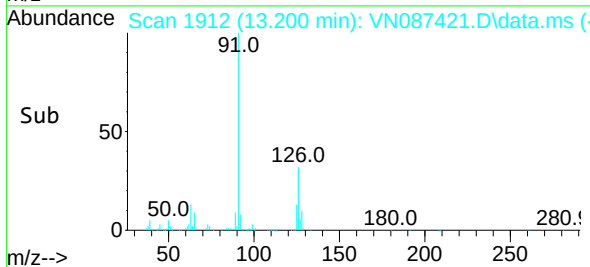
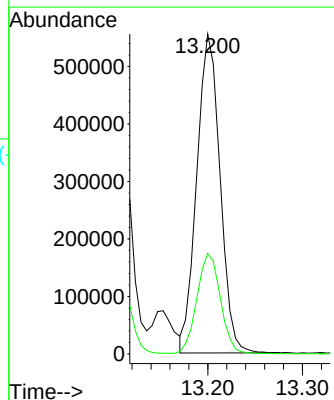
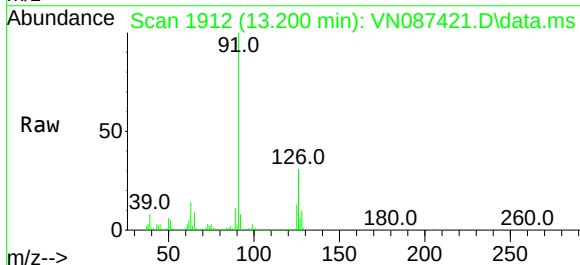
Instrument :
MSVOA_N
ClientSampleId :

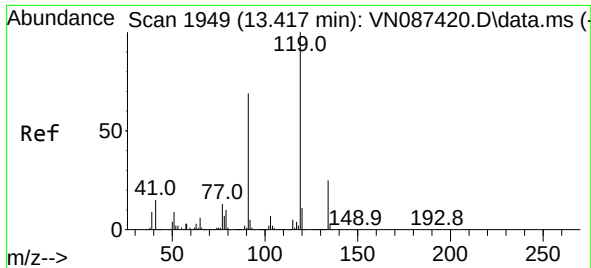
Tgt Ion: 75 Resp: 166291
Ion Ratio Lower Upper
75 100
53 91.5 44.3 132.8
89 44.2 22.4 67.3



#78
4-Chlorotoluene
Concen: 41.894 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion: 91 Resp: 948477
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.4

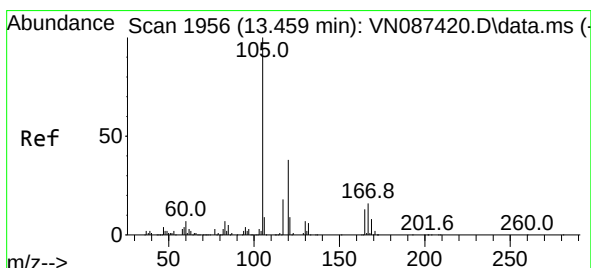
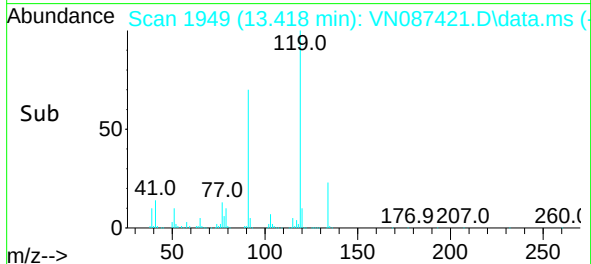
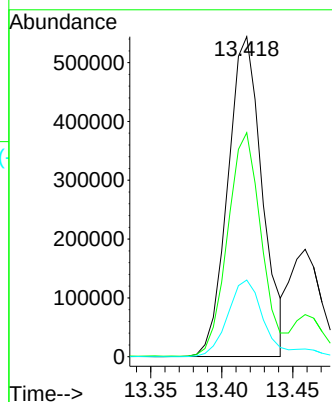
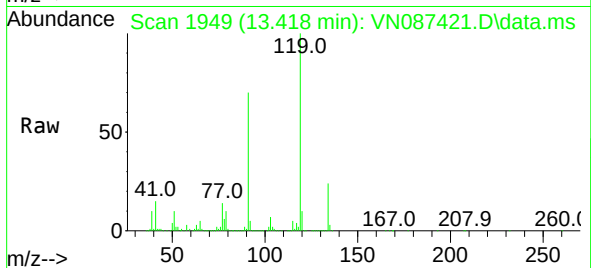




#79
tert-butylbenzene
Concen: 42.621 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

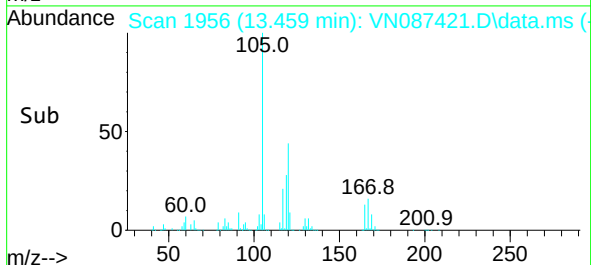
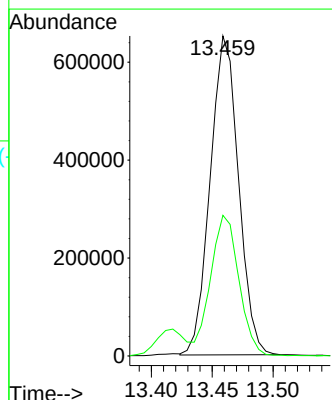
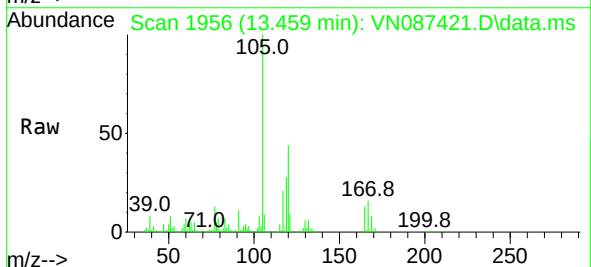
Instrument :
MSVOA_N
ClientSampleId :

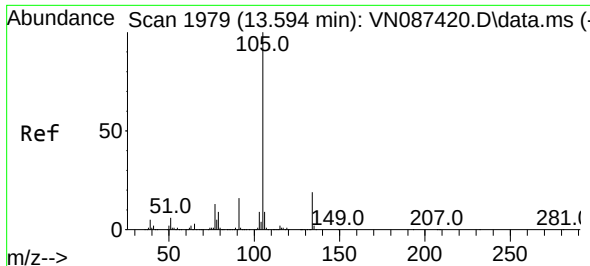
Tgt Ion:119 Resp: 917803
Ion Ratio Lower Upper
119 100
91 69.1 0.0 135.4
134 24.2 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 42.563 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion:105 Resp: 1052781
Ion Ratio Lower Upper
105 100
120 43.6 0.0 88.6

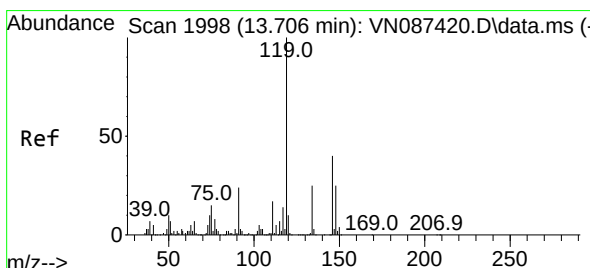
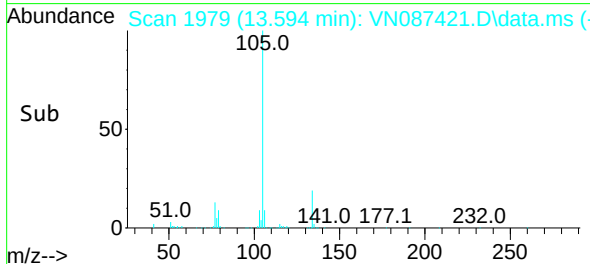
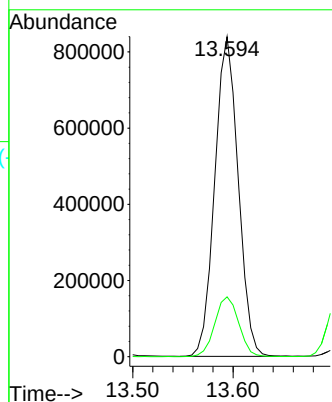
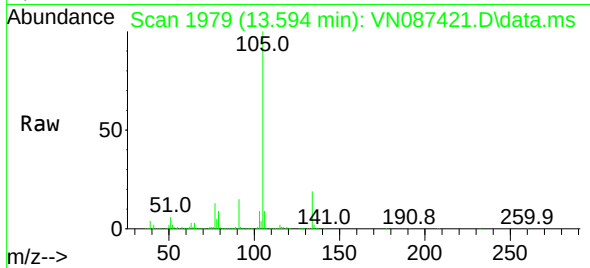




#81
 sec-Butylbenzene
 Concen: 42.524 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

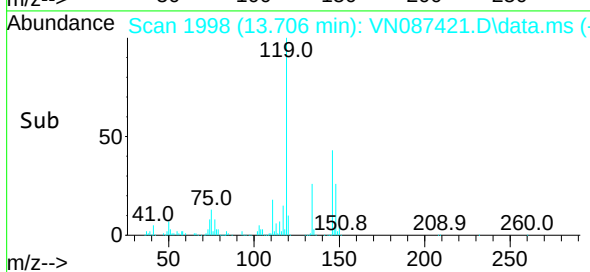
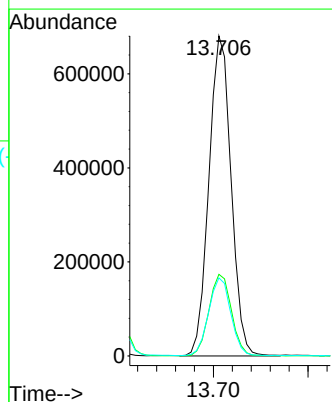
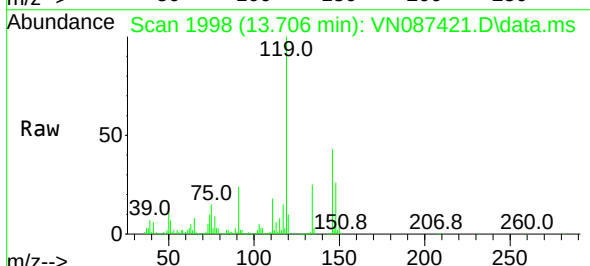
Instrument :
 MSVOA_N
 ClientSampleId :

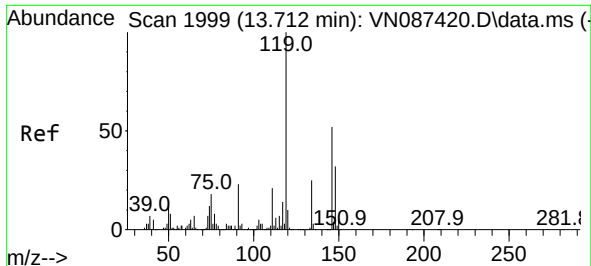
Tgt Ion:105 Resp: 1360199
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 42.701 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

Tgt Ion:119 Resp: 1108608
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 24.2 0.0 47.6

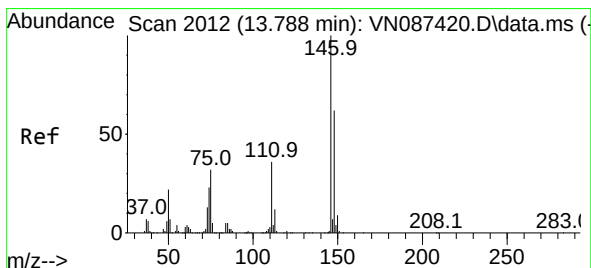
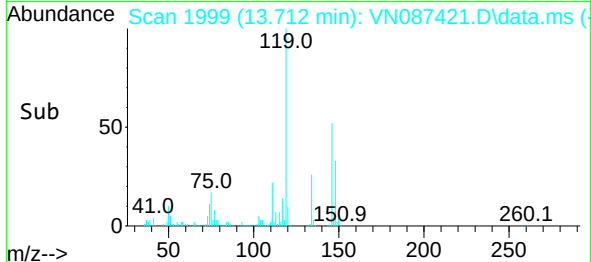
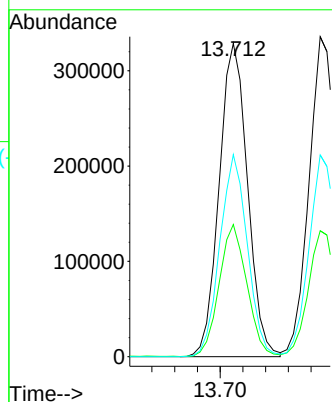
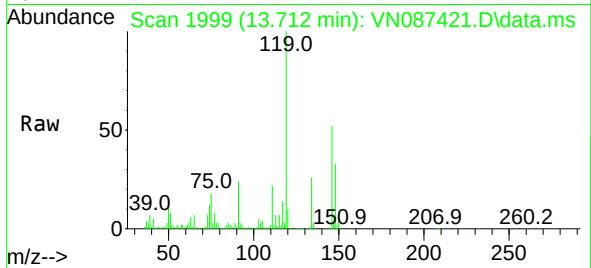




#83
1,3-Dichlorobenzene
Concen: 43.098 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

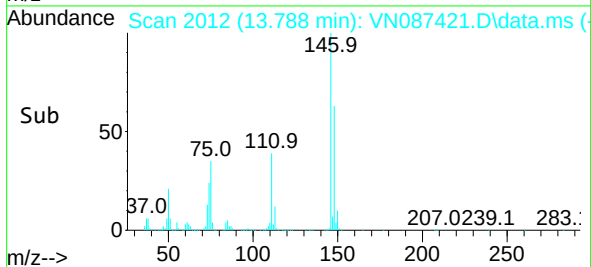
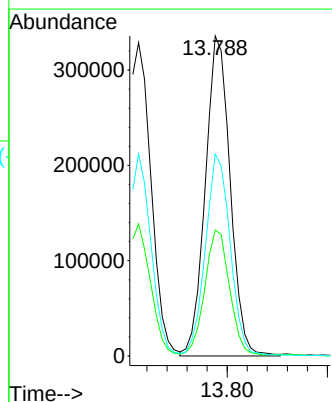
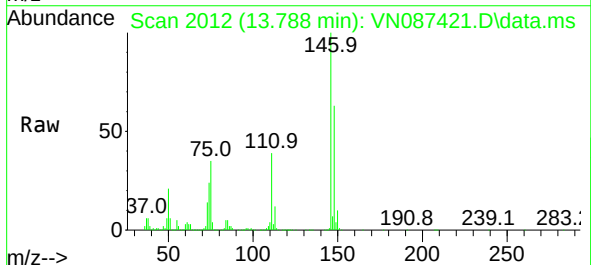
Instrument :
MSVOA_N
ClientSampleId :

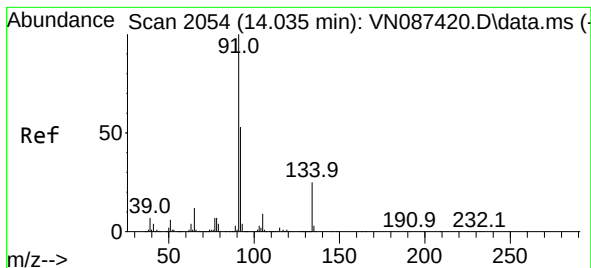
Tgt Ion:146 Resp: 570197
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.7
148 62.6 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 41.859 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087421.D
Acq: 28 Jul 2025 10:27

Tgt Ion:146 Resp: 579128
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.3
148 62.4 31.4 94.2





#85

n-Butylbenzene

Concen: 42.396 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

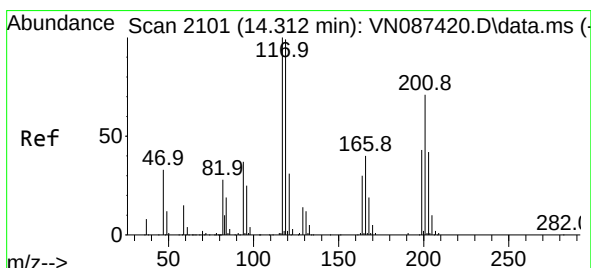
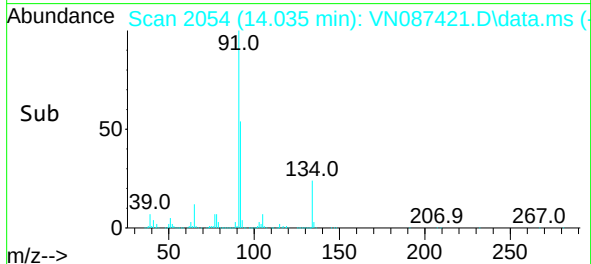
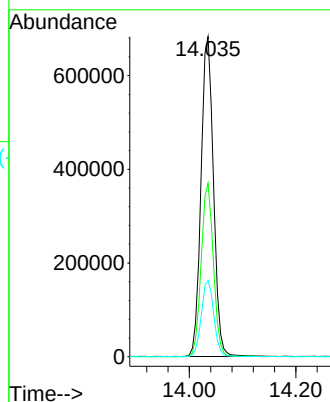
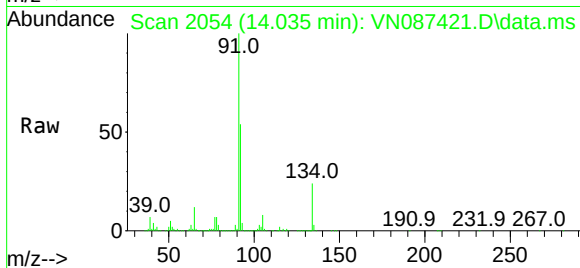
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91 Resp: 1108525

Ion	Ratio	Lower	Upper
91	100		
92	53.1	0.0	104.8
134	23.8	0.0	49.0



#86

Hexachloroethane

Concen: 42.126 ug/l

RT: 14.312 min Scan# 2101

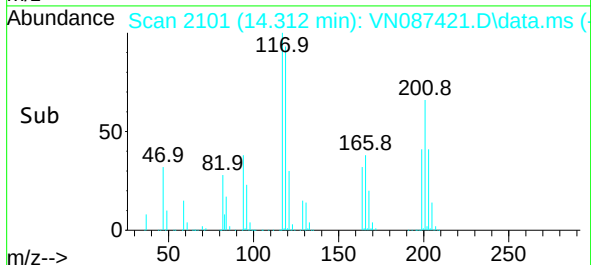
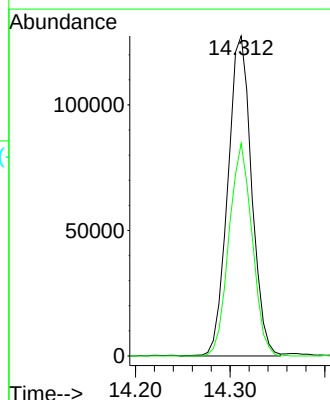
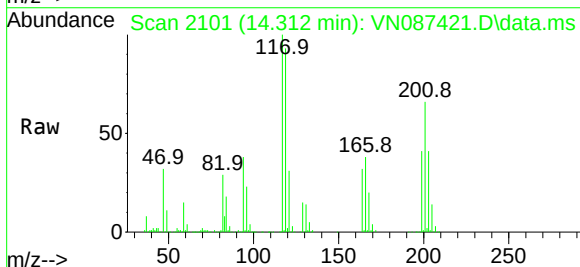
Delta R.T. 0.000 min

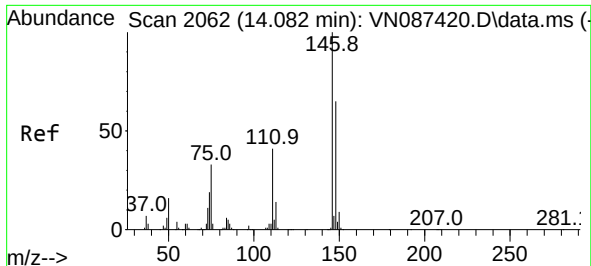
Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Tgt Ion: 117 Resp: 222124

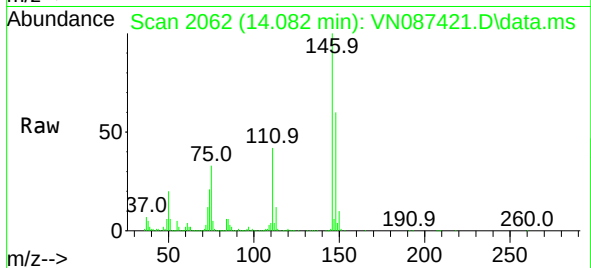
Ion	Ratio	Lower	Upper
117	100		
201	64.4	32.7	98.1



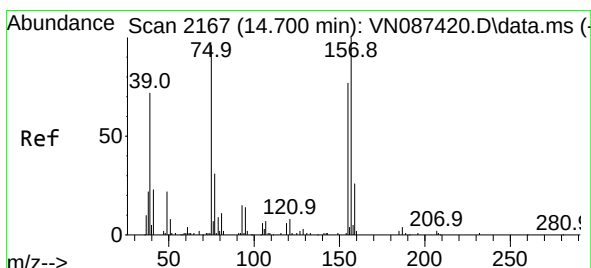
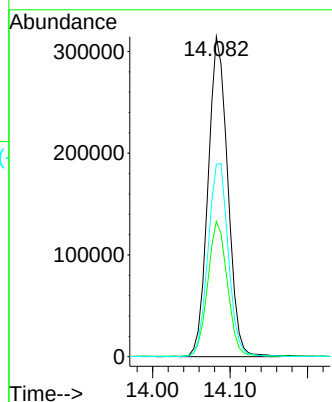
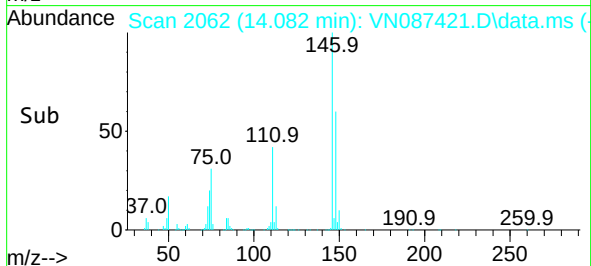


#87
 1,2-Dichlorobenzene
 Concen: 43.118 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27

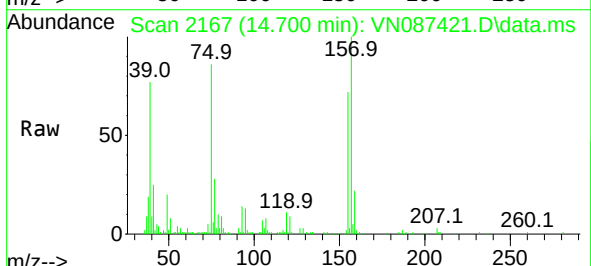
Instrument :
 MSVOA_N
 ClientSampleId :



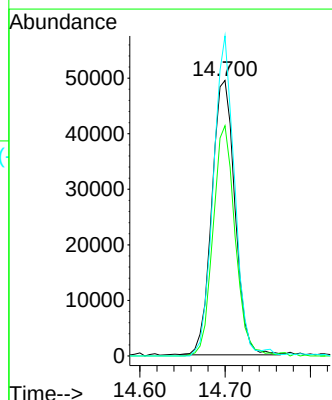
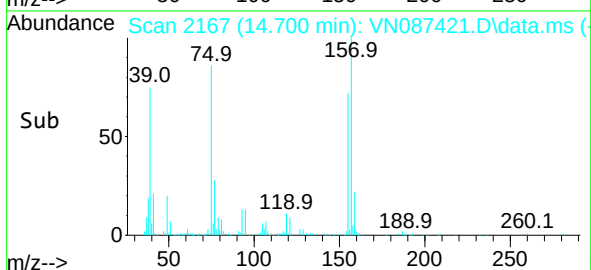
Tgt Ion:146 Resp: 554554
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.6 61.9
 148 62.3 32.5 97.5

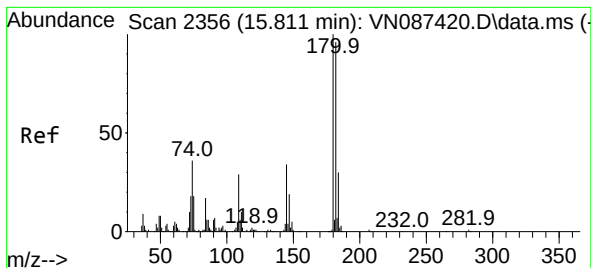


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 39.379 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087421.D
 Acq: 28 Jul 2025 10:27



Tgt Ion: 75 Resp: 93256
 Ion Ratio Lower Upper
 75 100
 155 79.9 64.4 96.6
 157 105.8 82.3 123.5





#89

1,2,4-Trichlorobenzene

Concen: 41.276 ug/l

RT: 15.812 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

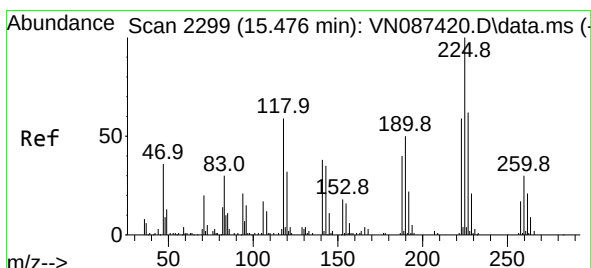
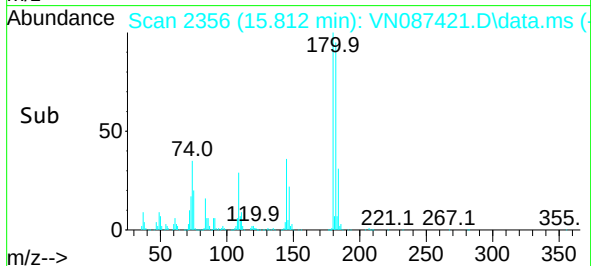
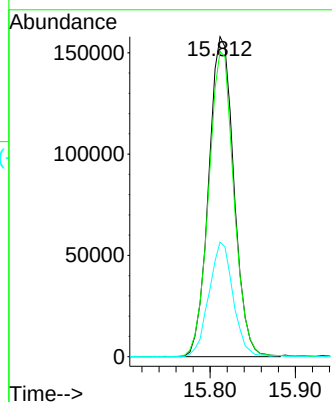
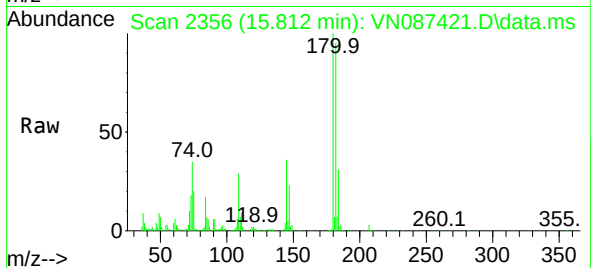
Tgt Ion:180 Resp: 323791

Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

145 34.2 27.4 41.2



#90

Hexachlorobutadiene

Concen: 41.693 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

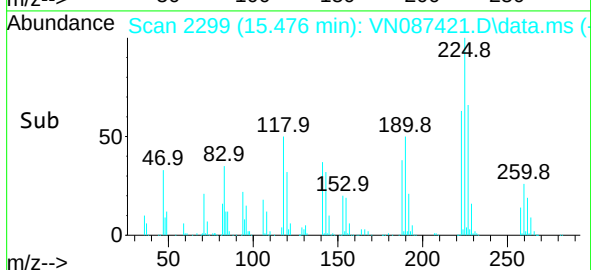
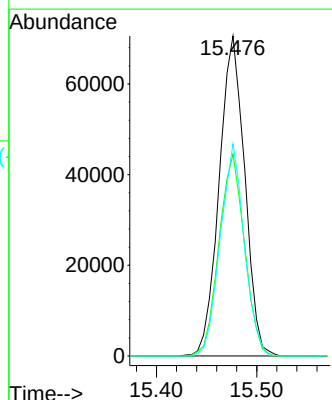
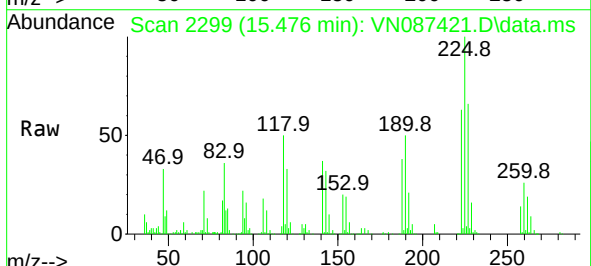
Tgt Ion:225 Resp: 124521

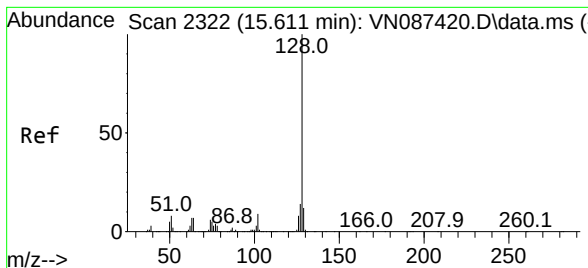
Ion Ratio Lower Upper

225 100

223 62.9 0.0 125.4

227 62.2 0.0 125.0





#91

Naphthalene

Concen: 41.473 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

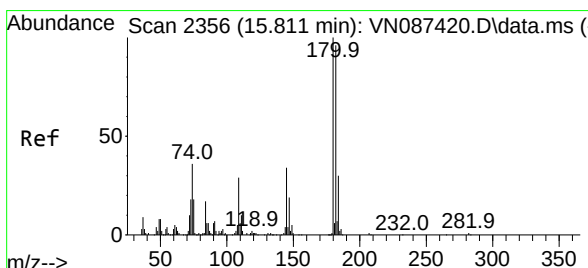
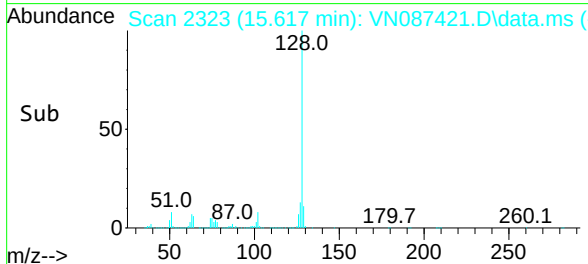
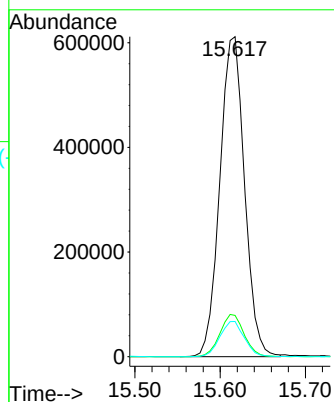
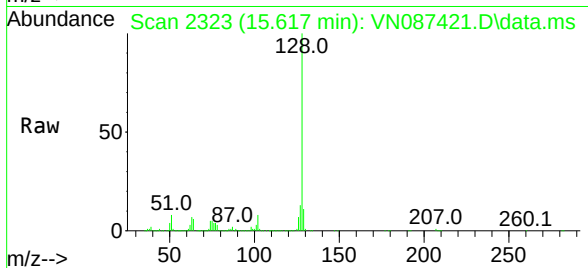
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128 Resp: 1229606

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	9.1	13.7



#92

1,2,3-Trichlorobenzene

Concen: 41.276 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087421.D

Acq: 28 Jul 2025 10:27

Tgt Ion:180 Resp: 323791

Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	186.8
145	34.2	0.0	68.6

