

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087427.D
 Acq On : 28 Jul 2025 13:01
 Operator : JC\MD
 Sample : VN0728WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 13:26:22 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	82214	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	454464	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	401032	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	190251	30.262	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.867%	
60) 4-Bromofluorobenzene	12.829	95	196184	29.790	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.300%	
63) Toluene-d8	10.547	98	561695	30.499	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.667%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	87388	18.218	ug/l	98
3) Chloromethane	2.383	50	90605	17.794	ug/l	92
4) Vinyl Chloride	2.542	62	90689	17.603	ug/l	97
5) Bromomethane	2.983	94	43566	17.341	ug/l	98
6) Chloroethane	3.142	64	53188	18.304	ug/l	97
7) Trichlorofluoromethane	3.512	101	121335	18.720	ug/l	96
8) Diethyl Ether	3.965	74	52378	19.362	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	63579	17.982	ug/l	60
10) 1,1-Dichloroethene	4.342	96	64269	18.273	ug/l	96
11) Methyl Iodide	4.577	142	50517	15.862	ug/l	97
12) Methyl Acetate	5.024	43	143029	18.651	ug/l	93
13) Acrolein	4.171	56	66233	105.900	ug/l	96
14) Acrylonitrile	5.712	53	309709	93.136	ug/l	98
15) Acetone	4.424	58	73327	95.141	ug/l	95
16) Carbon Disulfide	4.700	76	221693	17.736	ug/l	99
17) Allyl chloride	5.012	41	141414	17.256	ug/l	98
18) Methylene Chloride	5.259	84	94534	17.853	ug/l	90
19) trans-1,2-Dichloroethene	5.777	96	84696	16.951	ug/l	95
20) Diisopropyl ether	6.659	45	349308	18.734	ug/l	100
21) 1,1-Dichloroethane	6.553	63	167413	17.715	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	104880	17.270	ug/l	99
23) tert-Butyl Alcohol	5.524	59	128537	99.725	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	320681	18.377	ug/l	99
25) Chloroform	7.947	83	167331	17.539	ug/l	99
26) Cyclohexane	8.247	56	154073	17.653	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	118191	18.320	ug/l	99
30) 2-Butanone	7.471	43	456875	97.743	ug/l	99
31) 2,2-Dichloropropane	7.477	77	139667	17.374	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	140132	18.070	ug/l	98
33) Carbon Tetrachloride	8.341	117	111389	17.420	ug/l	90
34) Benzene	8.588	78	376079	17.823	ug/l	98
35) Methacrylonitrile	7.765	41	99021	18.493	ug/l	98
36) 1,2-Dichloroethane	8.653	62	128684	18.325	ug/l #	93
37) Trichloroethene	9.335	130	86364	17.930	ug/l	83
38) Methylcyclohexane	9.582	83	150606	18.100	ug/l	98
39) 1,2-Dichloropropane	9.606	63	95429	17.963	ug/l	97
40) Dibromomethane	9.694	93	69996	18.574	ug/l	98
41) Bromodichloromethane	9.871	83	138757	18.295	ug/l	93
42) Vinyl Acetate	6.594	43	1442947	91.731	ug/l	99

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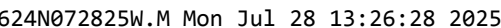
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 ClientSampleId :

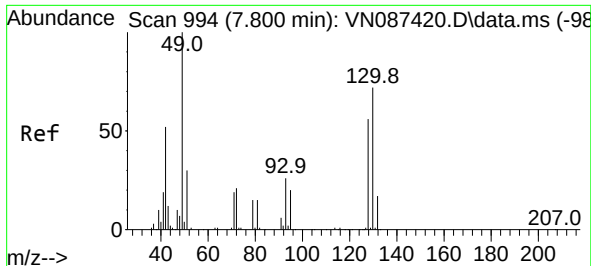
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	162984	17.009	ug/l #	64
44) Isopropyl Acetate	8.677	43	297215	19.416	ug/l	98
45) 1,4-Dioxane	9.682	88	36975	380.683	ug/l #	84
46) Methyl methacrylate	9.665	41	129901	18.224	ug/l	97
47) n-amyl Acetate	12.529	43	43772	6.936	ug/l	96
48) t-1,3-Dichloropropene	10.818	75	157424	18.437	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	163555	18.239	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	91889	18.318	ug/l	96
51) Ethyl methacrylate	10.859	69	164790	18.140	ug/l	96
52) 1,3-Dichloropropane	11.147	76	162314	18.722	ug/l	98
53) Dibromochloromethane	11.341	129	105571	18.348	ug/l	97
54) 1,2-Dibromoethane	11.453	107	96478	18.279	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	439906	117.775	ug/l	99
56) Bromoform	12.559	173	70084	17.357	ug/l	98
58) 4-Methyl-2-Pentanone	10.429	43	897982	99.410	ug/l	100
59) 2-Hexanone	11.176	43	591460	94.483	ug/l	99
61) Tetrachloroethene	11.082	164	68211	17.915	ug/l	95
62) Toluene	10.612	91	407240	17.993	ug/l	99
64) Chlorobenzene	11.871	112	246071	17.679	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	86341	18.294	ug/l	99
66) Ethyl Benzene	11.941	91	448375	18.133	ug/l	97
67) m/p-Xylenes	12.053	106	338484	36.533	ug/l	98
68) o-Xylene	12.376	106	165907	18.298	ug/l	99
69) Styrene	12.394	104	272287	17.557	ug/l	99
70) Isopropylbenzene	12.676	105	419334	18.009	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	150519	18.958	ug/l	98
72) 1,2,3-Trichloropropane	12.976	75	194919	26.989	ug/l	68
73) Bromobenzene	12.959	156	97430	18.009	ug/l	98
74) n-propylbenzene	13.018	91	529758	18.427	ug/l	99
75) 2-Chlorotoluene	13.106	91	304751	17.862	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	354584	18.382	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	51754	16.888	ug/l	95
78) 4-Chlorotoluene	13.200	91	311288	17.768	ug/l	99
79) tert-butylbenzene	13.417	119	305198	18.314	ug/l	100
80) 1,2,4-Trimethylbenzene	13.465	105	348541	18.209	ug/l	99
81) sec-Butylbenzene	13.594	105	457951	18.501	ug/l	99
82) p-Isopropyltoluene	13.706	119	374764	18.653	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	189259	18.485	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	189537	17.703	ug/l	98
85) n-Butylbenzene	14.035	91	377205	18.642	ug/l	99
86) Hexachloroethane	14.312	117	74347	18.220	ug/l	95
87) 1,2-Dichlorobenzene	14.088	146	179575	18.043	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	32966	17.989	ug/l	97
89) 1,2,4-Trichlorobenzene	15.817	180	111169	18.313	ug/l	100
90) Hexachlorobutadiene	15.476	225	43477	18.811	ug/l	99
91) Naphthalene	15.617	128	425912	18.564	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	111169	18.313	ug/l	100

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

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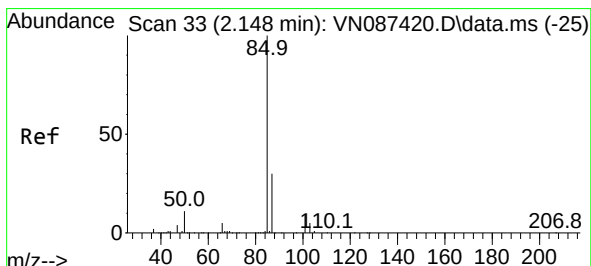
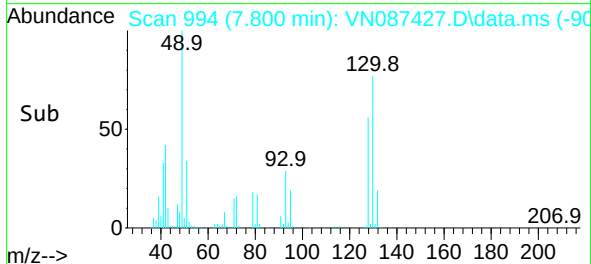
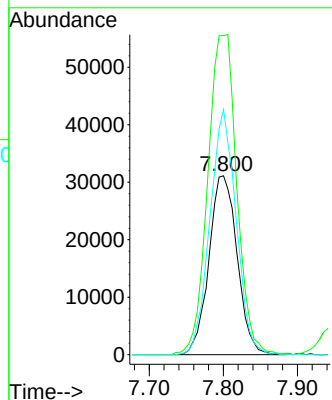
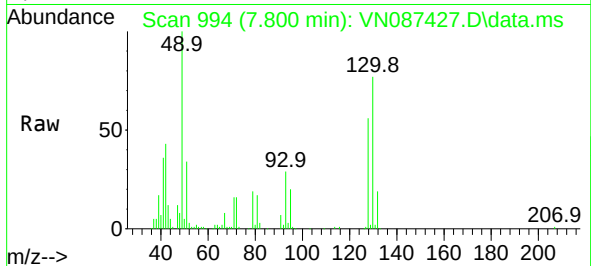




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

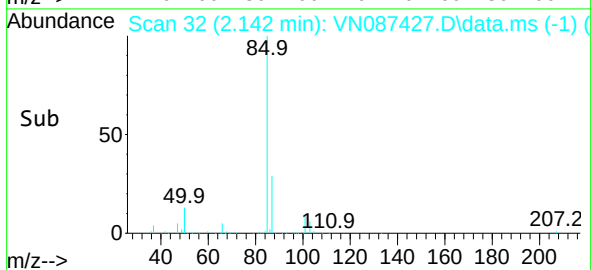
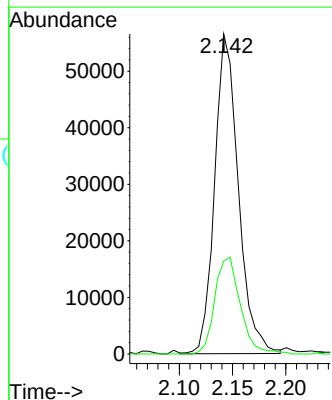
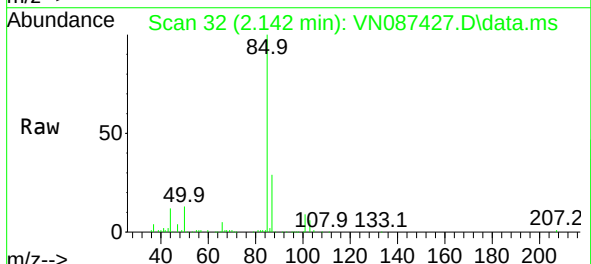
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ClientSampleId :

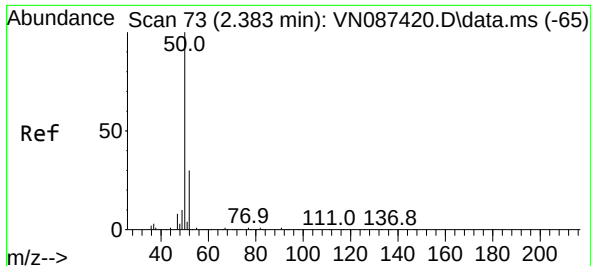
Tgt Ion	Ratio	Lower	Upper
128	100		
49	184.1	0.0	457.3
130	127.5	0.0	316.0



#2
Dichlorodifluoromethane
Concen: 18.218 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.1	15.0	45.1

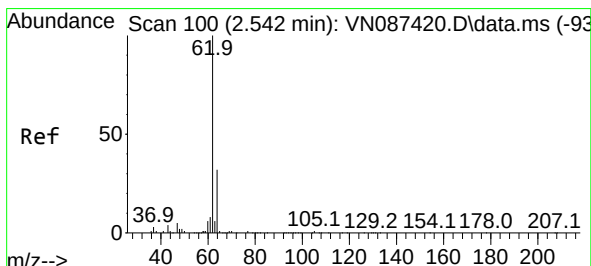
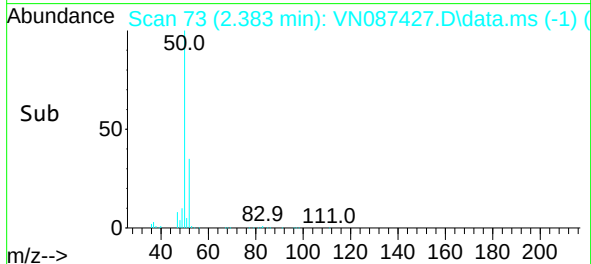
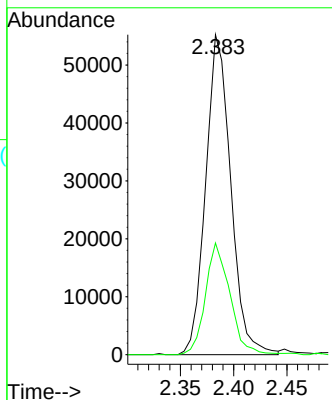
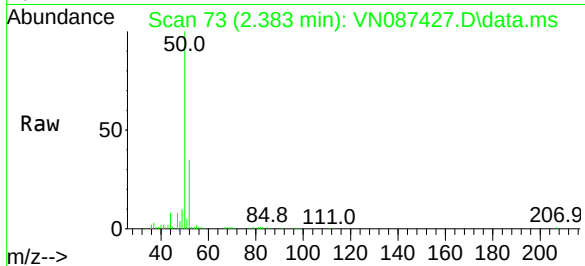




#3
Chloromethane
Concen: 17.794 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

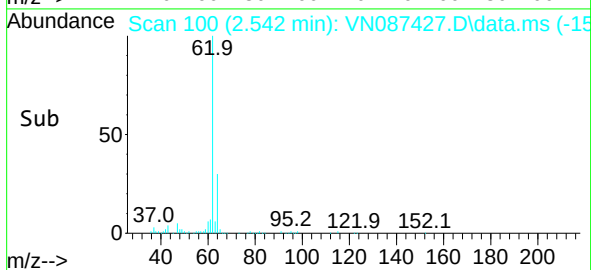
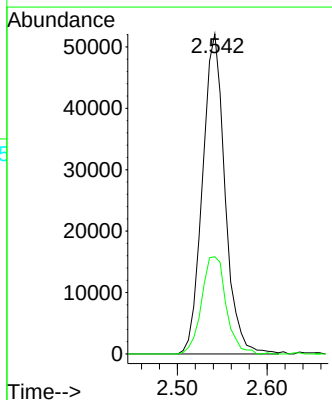
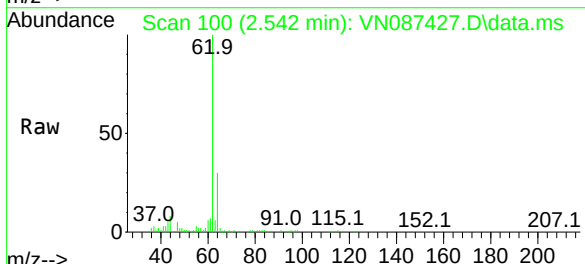
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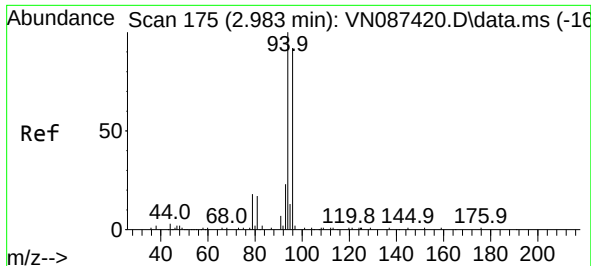
Tgt Ion: 50 Resp: 90605
Ion Ratio Lower Upper
50 100
52 34.9 24.3 36.5



#4
Vinyl Chloride
Concen: 17.603 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 62 Resp: 90689
Ion Ratio Lower Upper
62 100
64 30.4 25.6 38.4

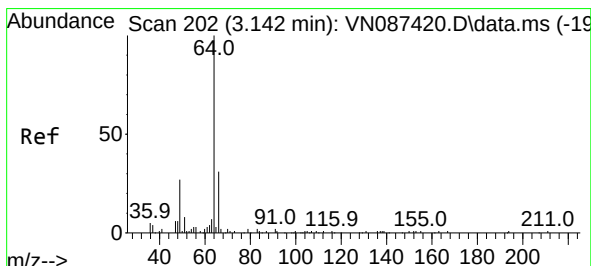
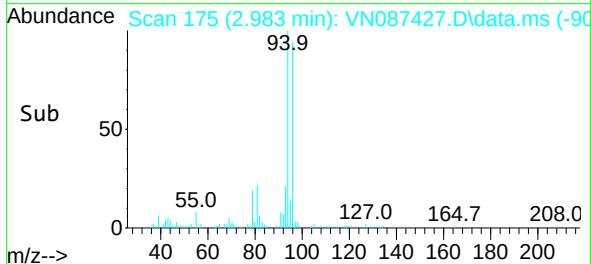
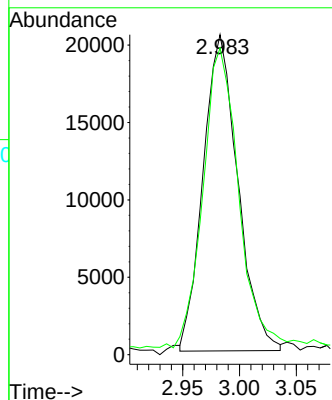
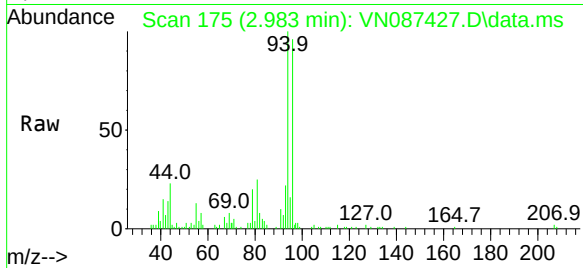




#5
Bromomethane
Concen: 17.341 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

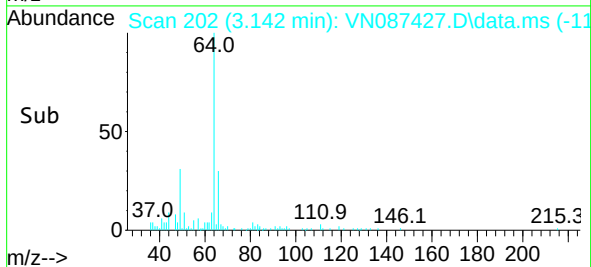
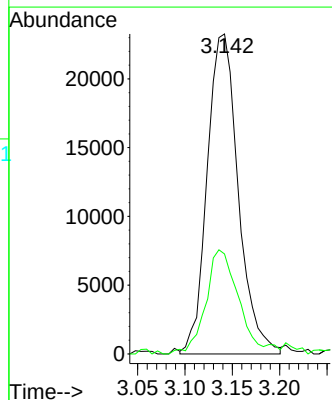
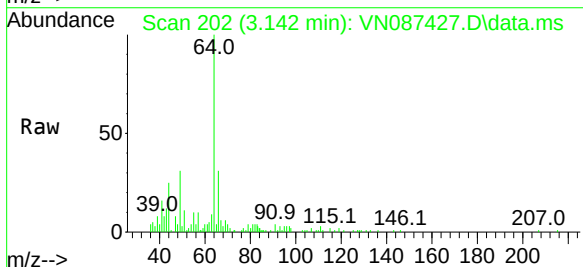
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MSVOA_N
ClientSampleId :

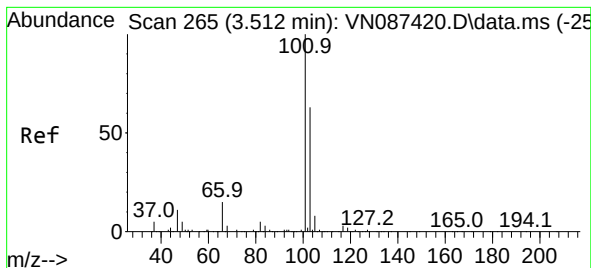
Tgt Ion: 94 Resp: 43566
Ion Ratio Lower Upper
94 100
96 93.4 73.2 109.8



#6
Chloroethane
Concen: 18.304 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 64 Resp: 53188
Ion Ratio Lower Upper
64 100
66 30.2 25.6 38.4





#7

Trichlorofluoromethane

Concen: 18.720 ug/l

RT: 3.512 min Scan# 2

Delta R.T. 0.000 min

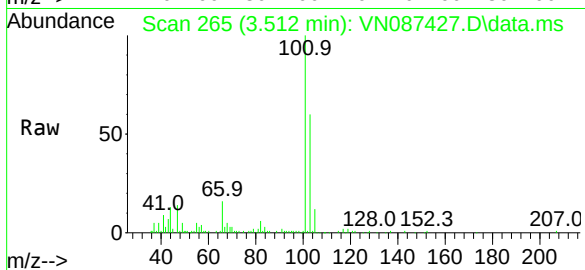
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Instrument :

MSVOA_N

ClientSampleId :

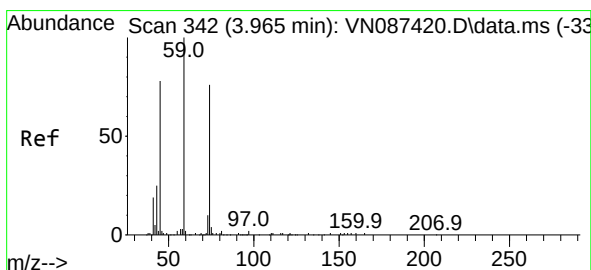
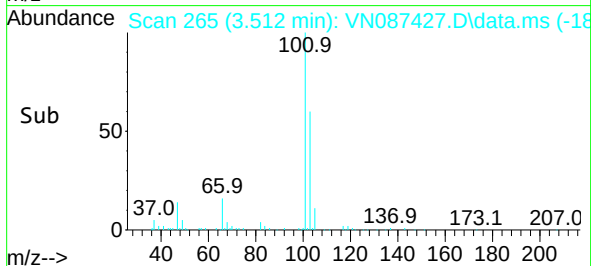
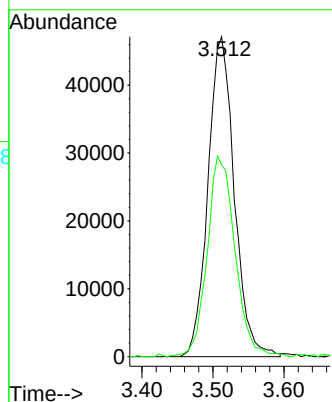


Tgt Ion:101 Resp: 121335

Ion Ratio Lower Upper

101 100

103 59.2 50.0 75.0



#8

Diethyl Ether

Concen: 19.362 ug/l

RT: 3.965 min Scan# 342

Delta R.T. 0.000 min

Lab File: VN087427.D

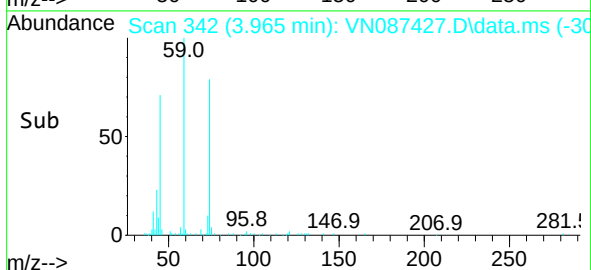
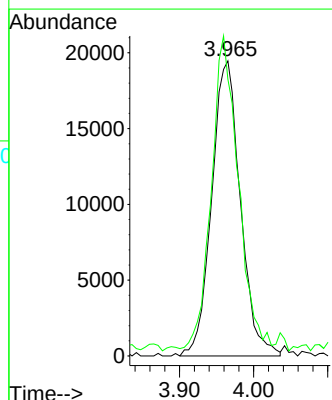
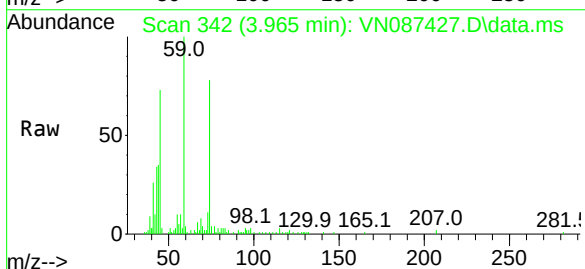
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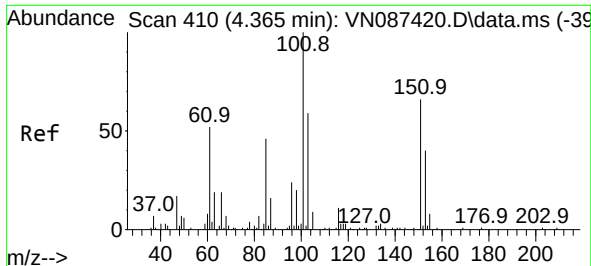
Tgt Ion: 74 Resp: 52378

Ion Ratio Lower Upper

74 100

45 99.7 20.2 181.4

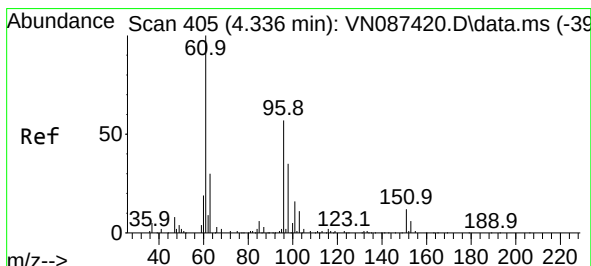
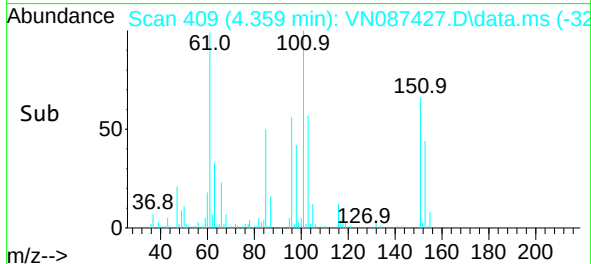
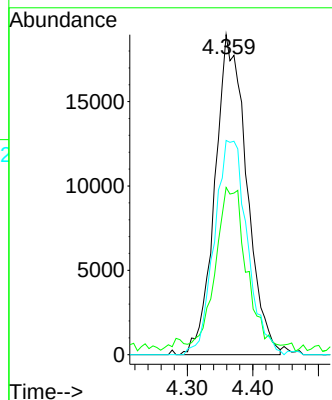
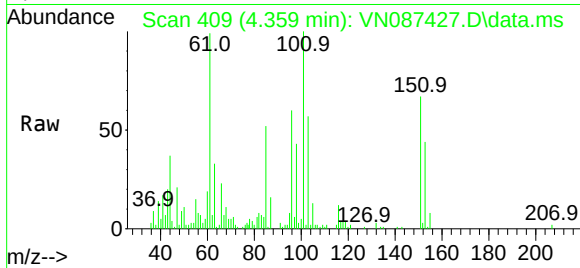




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.982 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

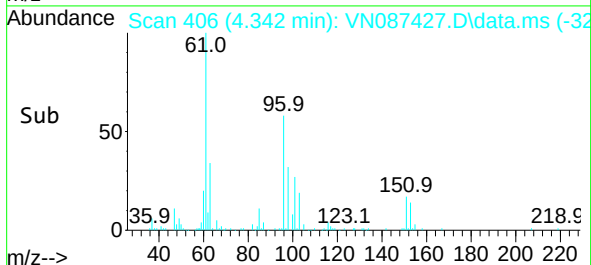
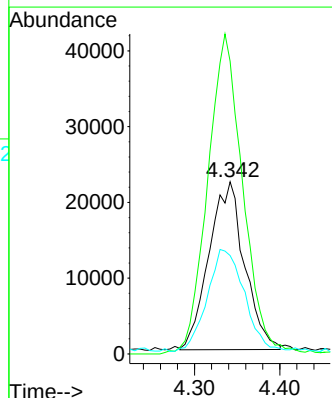
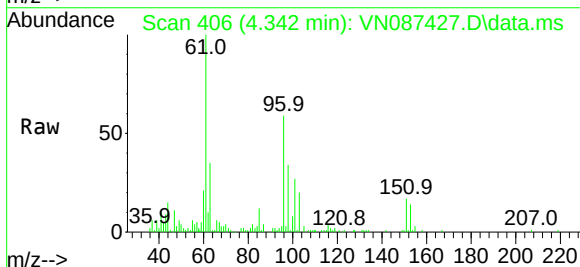
Instrument :
 MSVOA_N
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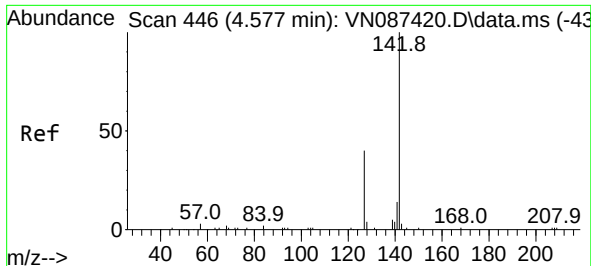
Tgt Ion:101 Resp: 63579
 Ion Ratio Lower Upper
 101 100
 85 23.8 0.0 101.2
 151 36.3 0.0 140.6



#10
 1,1-Dichloroethene
 Concen: 18.273 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

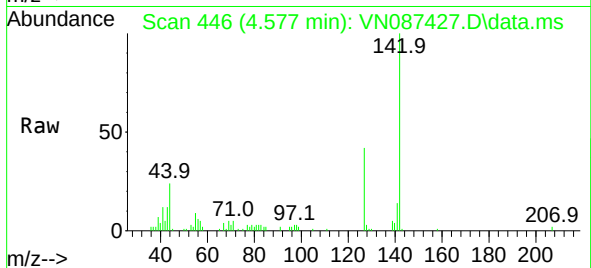
Tgt Ion: 96 Resp: 64269
 Ion Ratio Lower Upper
 96 100
 61 171.7 140.4 210.6
 98 55.8 49.6 74.4



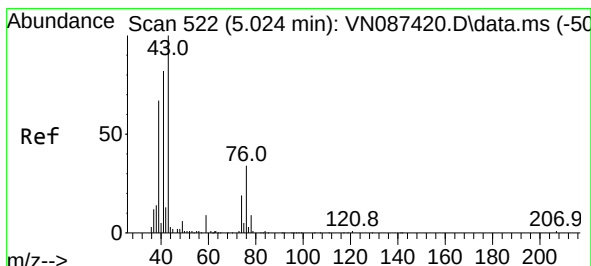
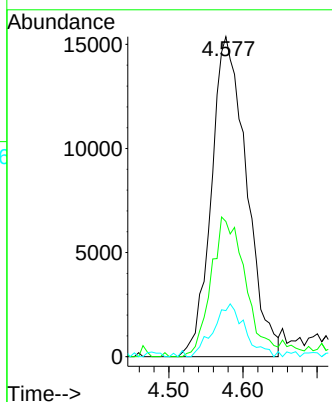
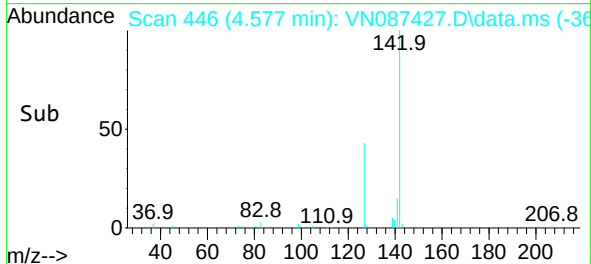


#11
Methyl Iodide
Concen: 15.862 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

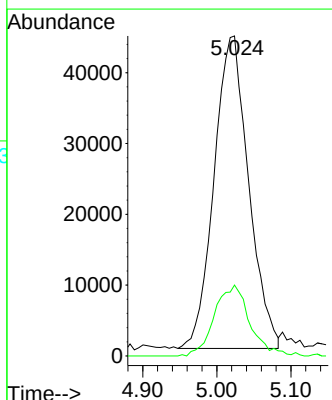
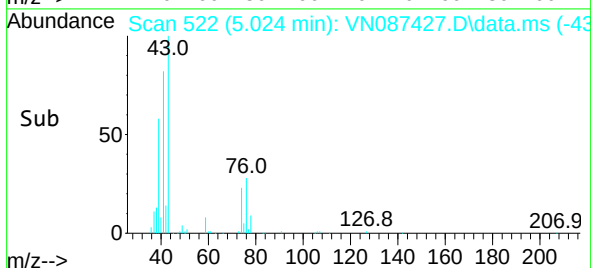
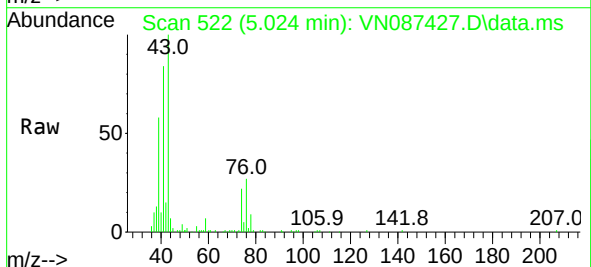


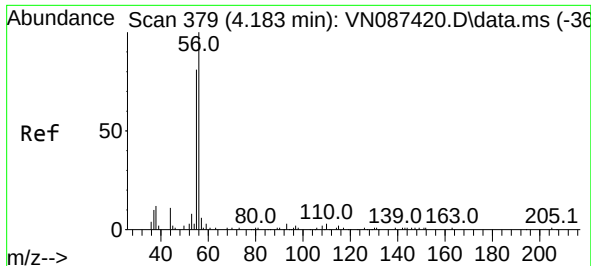
Tgt Ion:142 Resp: 50517
Ion Ratio Lower Upper
142 100
127 42.0 20.0 59.9
141 14.0 6.8 20.4



#12
Methyl Acetate
Concen: 18.651 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 43 Resp: 143029
Ion Ratio Lower Upper
43 100
74 22.3 15.4 23.0

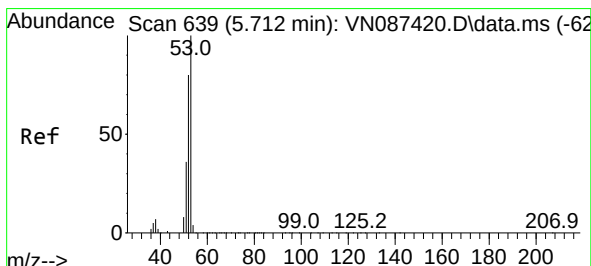
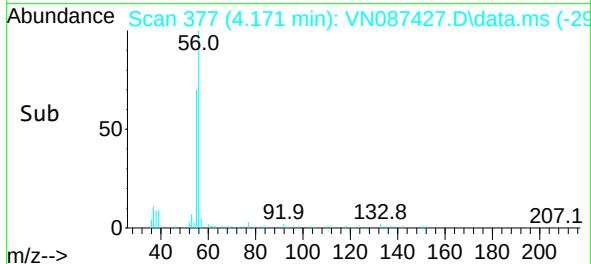
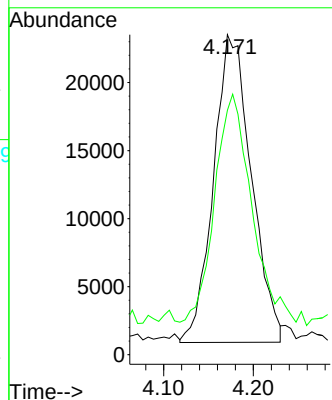
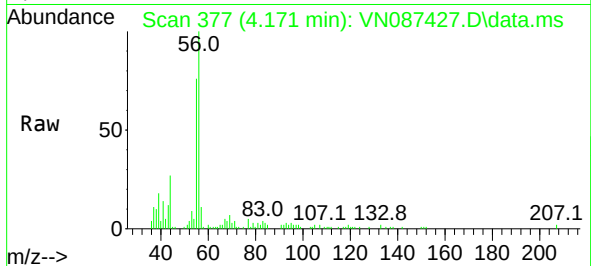




#13
Acrolein
Concen: 105.900 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

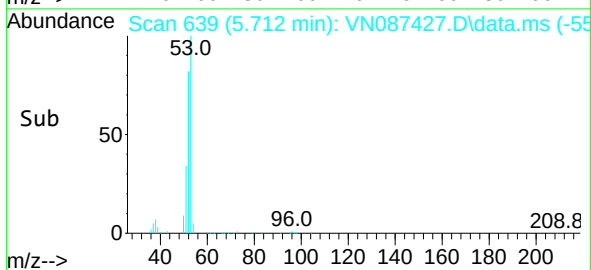
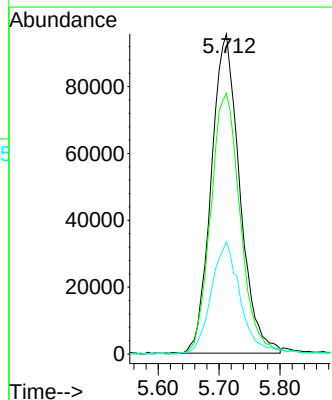
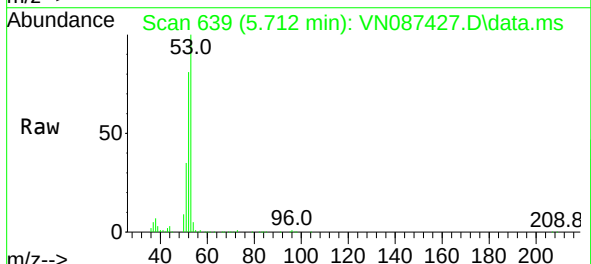
Instrument :
MSVOA_N
ClientSampleId :

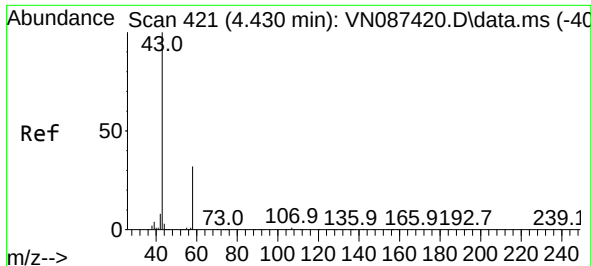
Tgt Ion: 56 Resp: 66233
Ion Ratio Lower Upper
56 100
55 77.1 58.9 88.3



#14
Acrylonitrile
Concen: 93.136 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

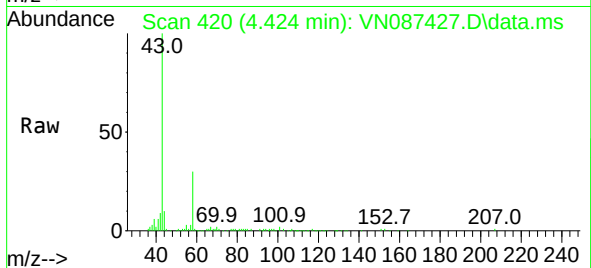
Tgt Ion: 53 Resp: 309709
Ion Ratio Lower Upper
53 100
52 84.5 41.6 124.9
51 34.3 18.1 54.4



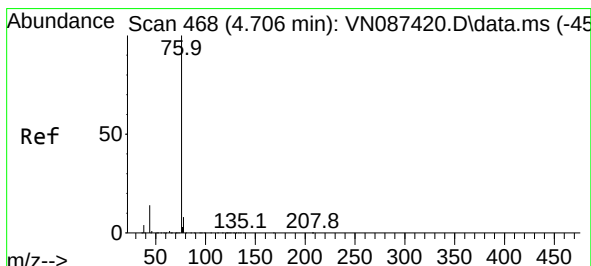
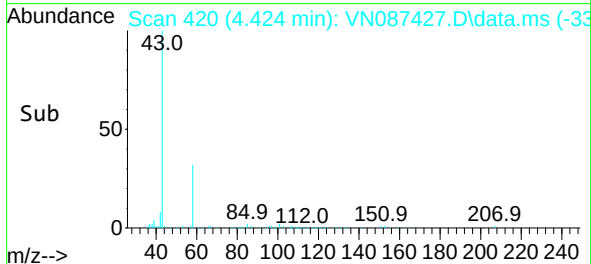
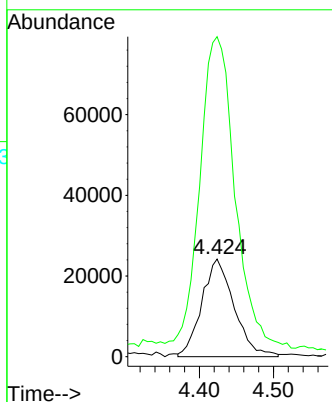


#15
Acetone
Concen: 95.141 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

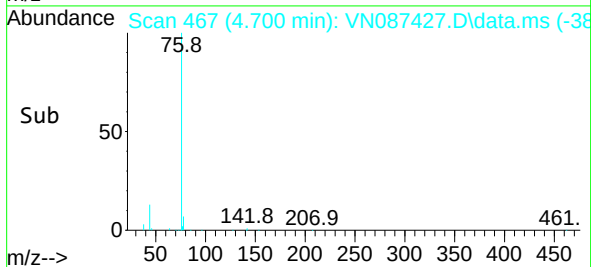
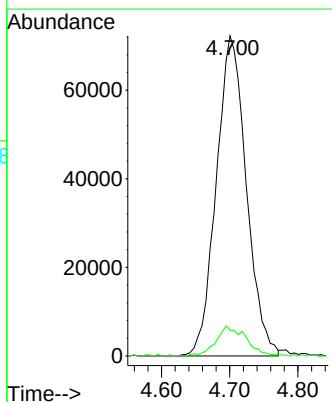
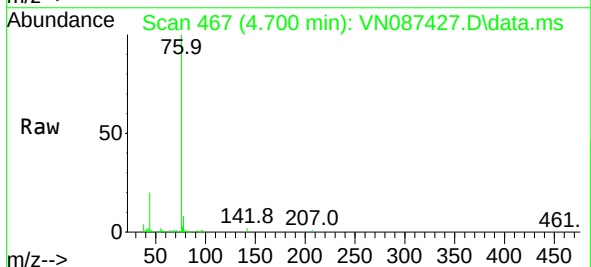


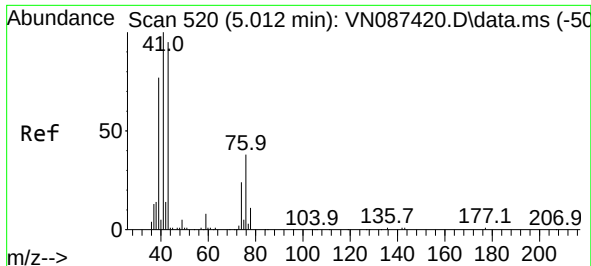
Tgt Ion: 58 Resp: 73327
Ion Ratio Lower Upper
58 100
43 320.6 248.4 372.6



#16
Carbon Disulfide
Concen: 17.736 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 76 Resp: 221693
Ion Ratio Lower Upper
76 100
78 7.8 6.6 10.0





#17

Allyl chloride

Concen: 17.256 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.000 min

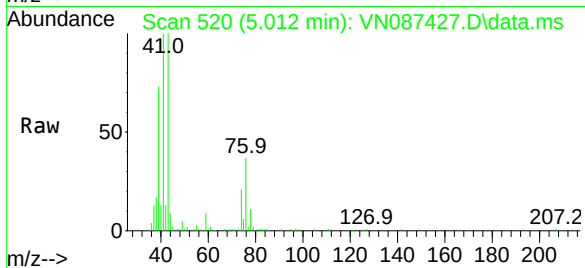
Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :



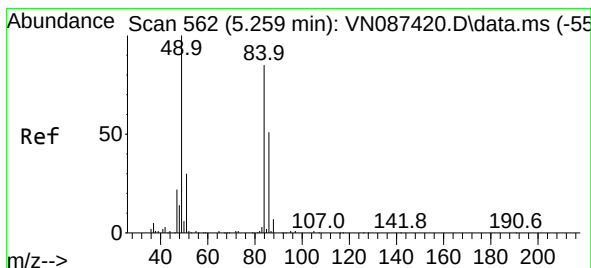
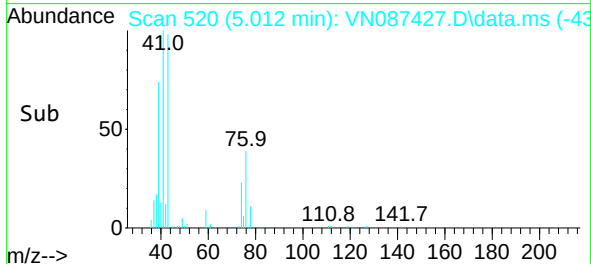
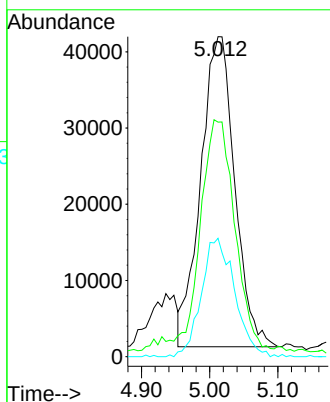
Tgt Ion: 41 Resp: 141414

Ion Ratio Lower Upper

41 100

39 72.3 35.9 107.8

76 38.2 17.5 52.5



#18

Methylene Chloride

Concen: 17.853 ug/l

RT: 5.259 min Scan# 562

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Tgt Ion: 84 Resp: 94534

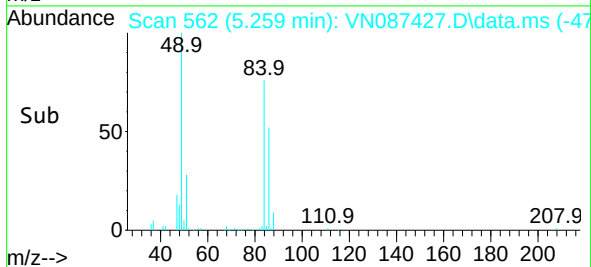
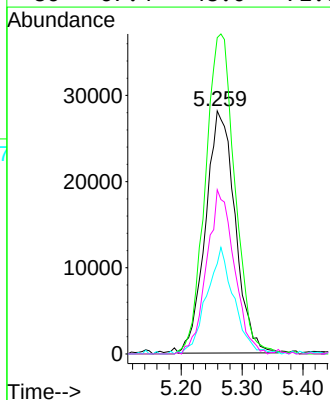
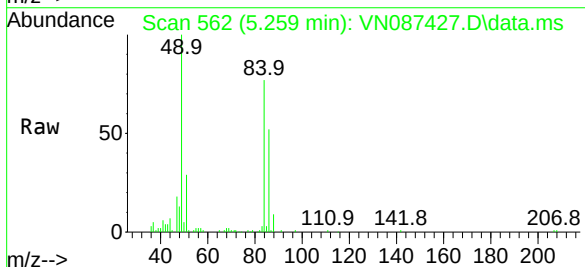
Ion Ratio Lower Upper

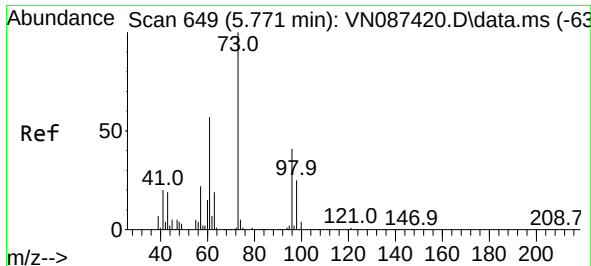
84 100

49 130.2 93.5 140.3

51 36.8 28.0 42.0

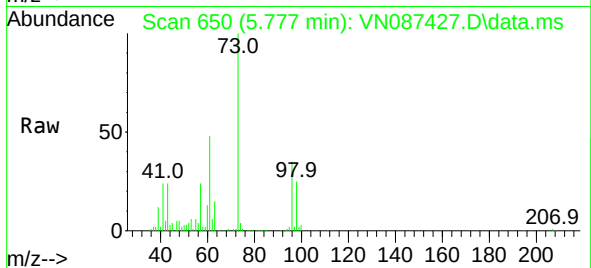
86 67.4 48.0 72.0



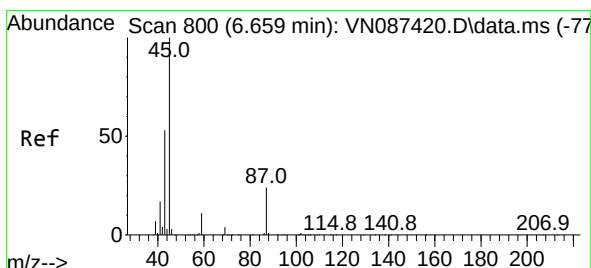
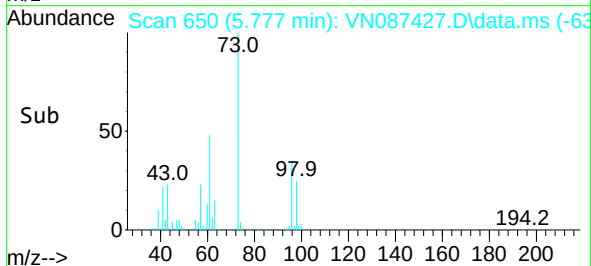
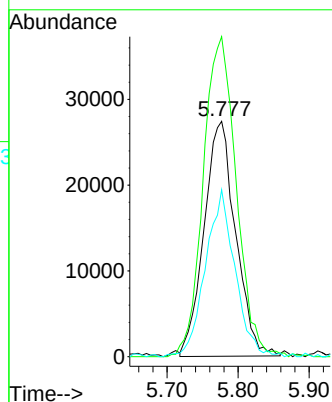


#19
trans-1,2-Dichloroethene
Concen: 16.951 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

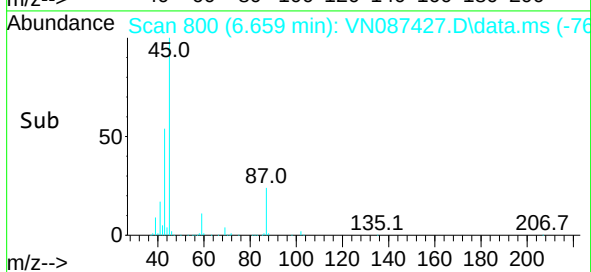
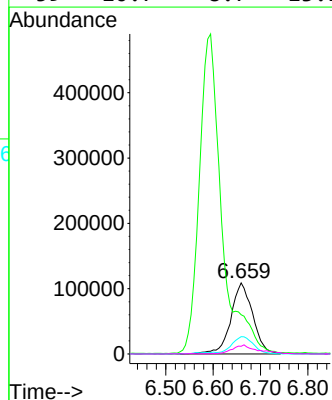
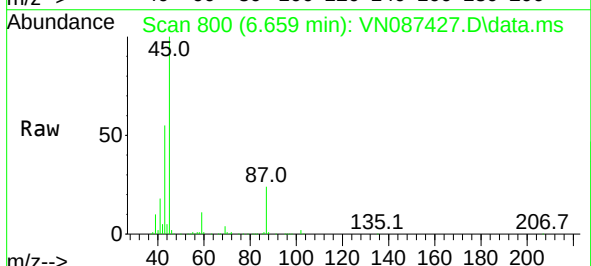


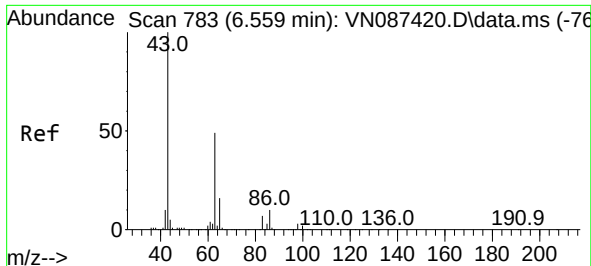
Tgt Ion: 96 Resp: 84696
Ion Ratio Lower Upper
96 100
61 136.2 110.2 165.4
98 70.3 47.9 71.9



#20
Diisopropyl ether
Concen: 18.734 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 45 Resp: 349308
Ion Ratio Lower Upper
45 100
43 53.1 42.7 64.1
87 24.4 19.4 29.0
59 10.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 17.715 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.006 min

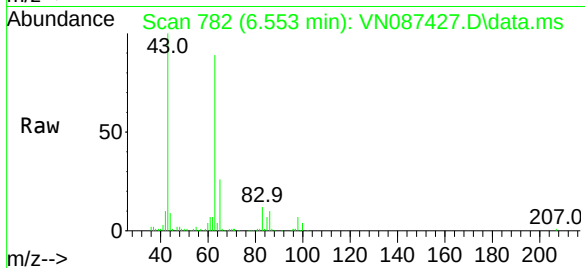
Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :



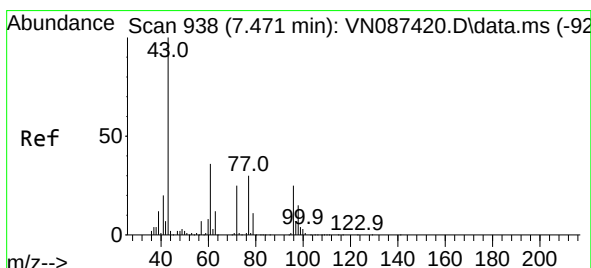
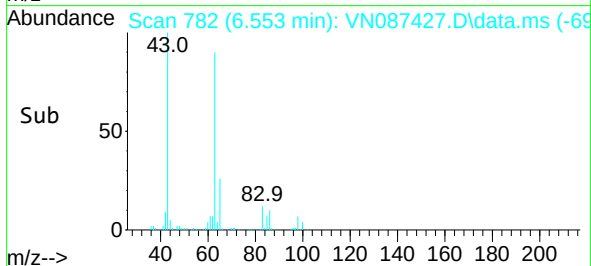
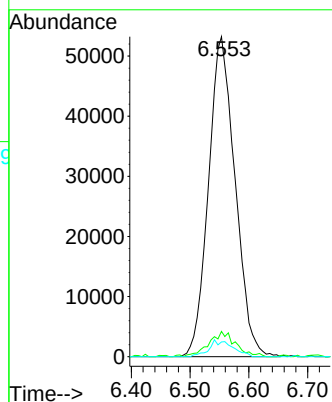
Tgt Ion: 63 Resp: 167413

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

100 4.6 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 17.270 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

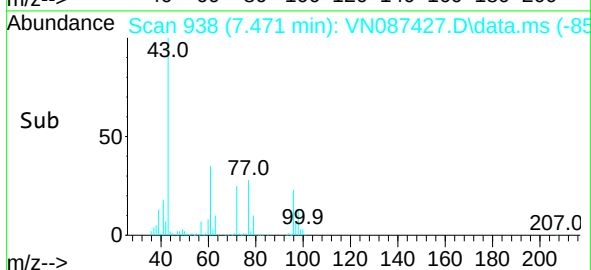
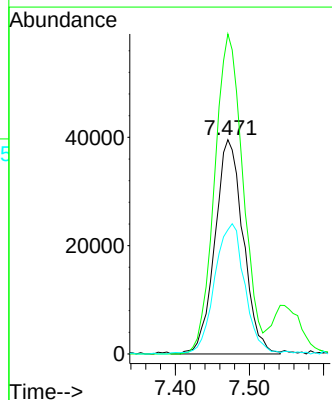
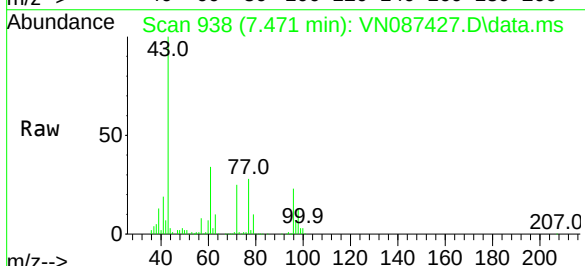
Tgt Ion: 96 Resp: 104880

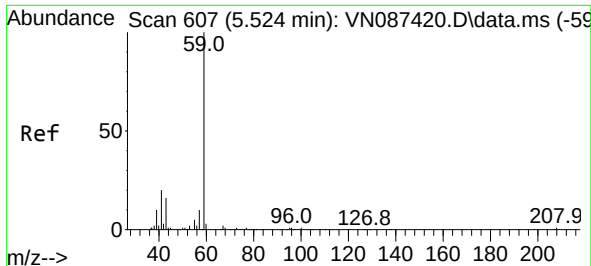
Ion Ratio Lower Upper

96 100

61 149.7 118.8 178.2

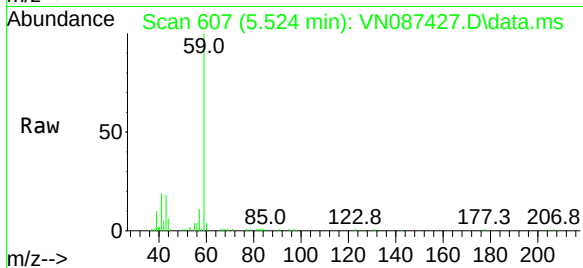
98 63.5 51.5 77.3



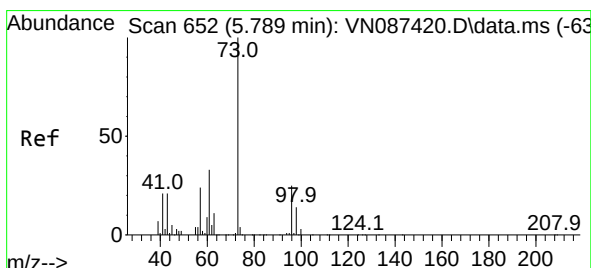
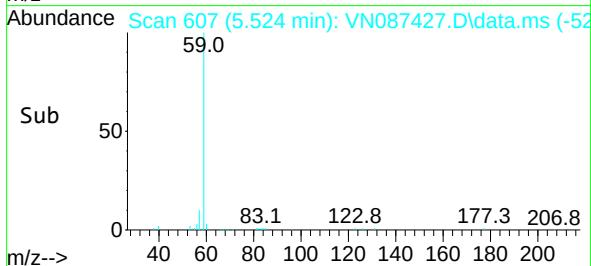
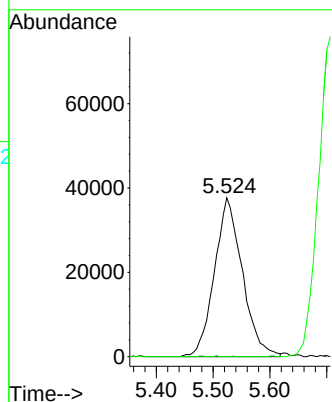


#23
tert-Butyl Alcohol
Concen: 99.725 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

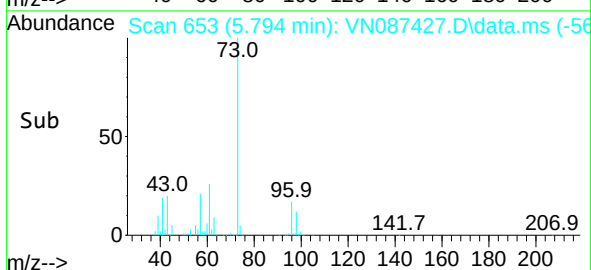
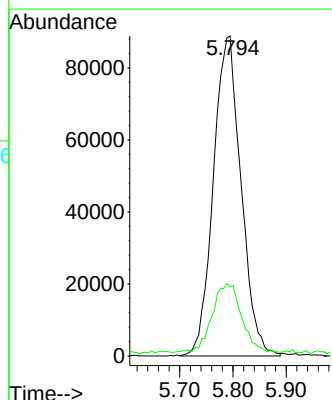
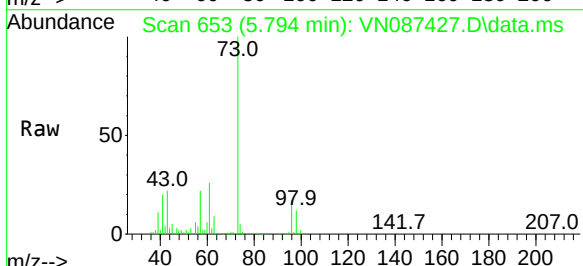


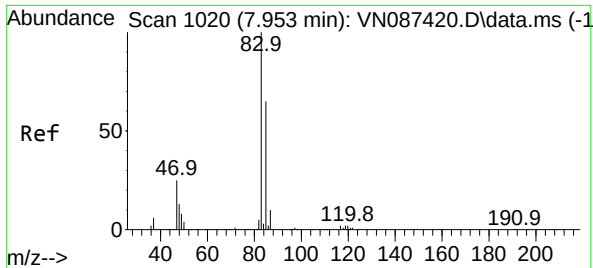
Tgt Ion: 59 Resp: 128537
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 18.377 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 73 Resp: 320681
Ion Ratio Lower Upper
73 100
43 21.8 17.1 25.7

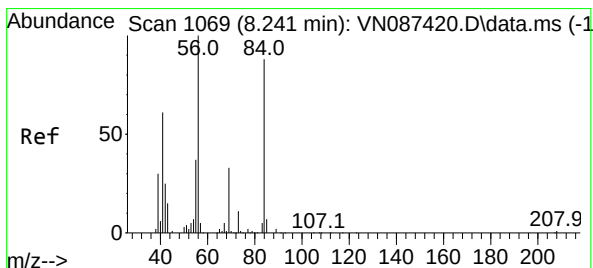
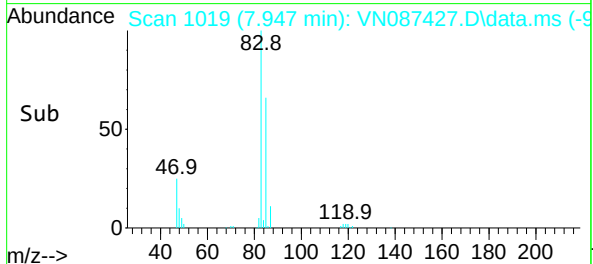
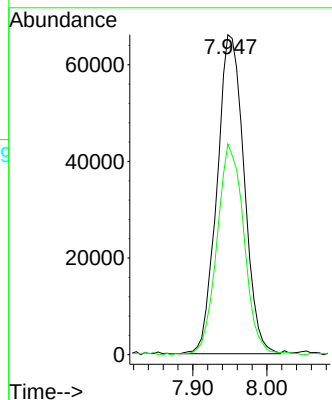
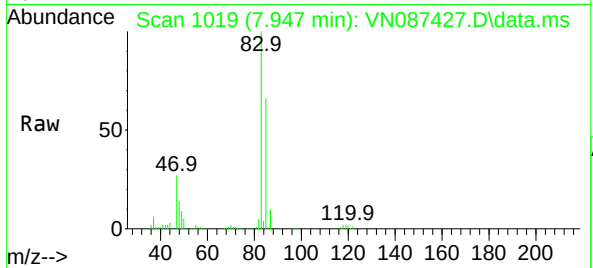




#25
Chloroform
Concen: 17.539 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

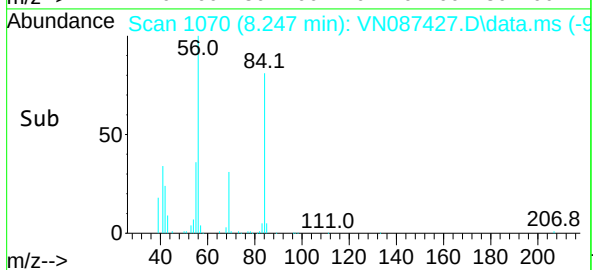
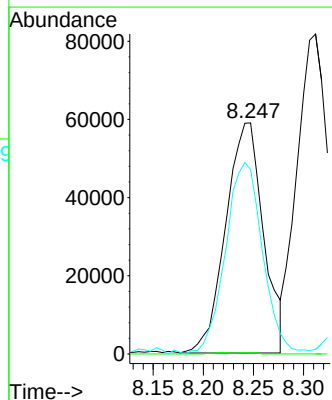
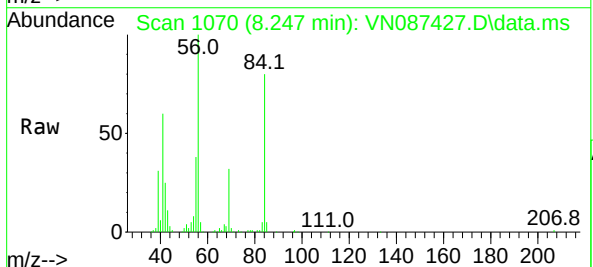
Instrument :
MSVOA_N
ClientSampleId :

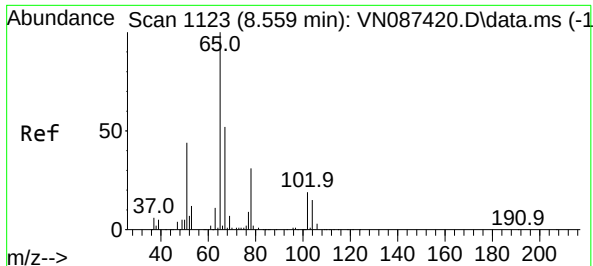
Tgt Ion: 83 Resp: 167331
Ion Ratio Lower Upper
83 100
85 65.8 52.0 78.0



#26
Cyclohexane
Concen: 17.653 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 56 Resp: 154073
Ion Ratio Lower Upper
56 100
89 0.3 4.7 7.1#
84 82.0 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.262 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

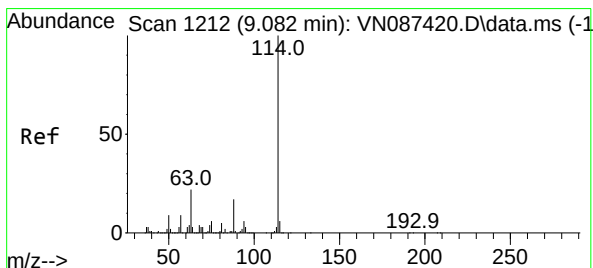
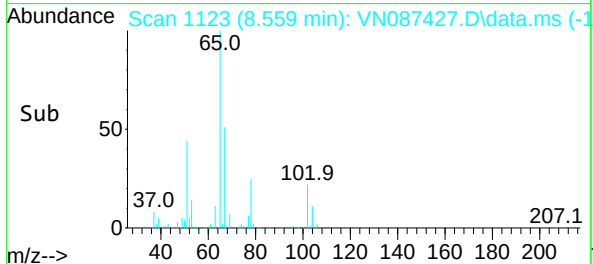
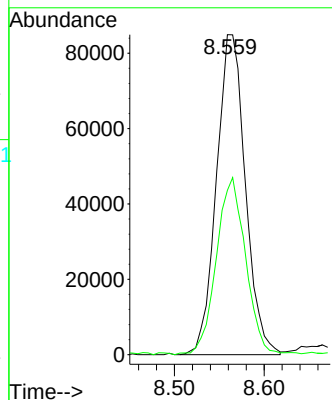
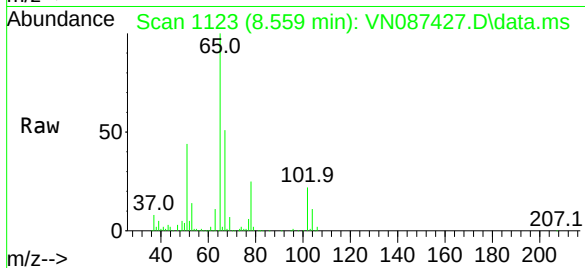
ClientSampleId :

Tgt Ion: 65 Resp: 190251

Ion Ratio Lower Upper

65 100

67 54.8 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: VN087427.D

Acq: 28 Jul 2025 13:01

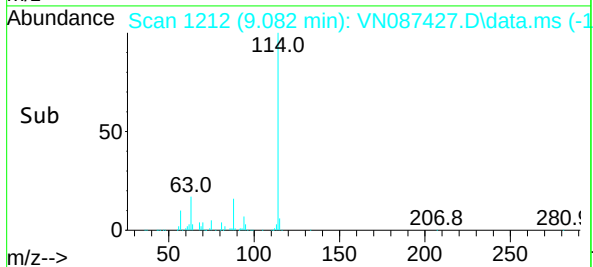
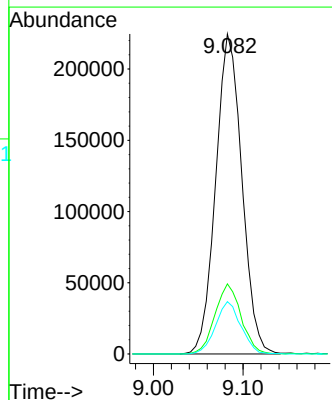
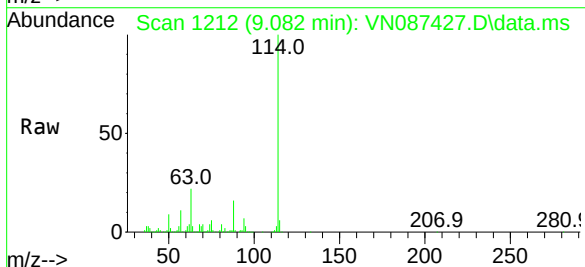
Tgt Ion: 114 Resp: 454464

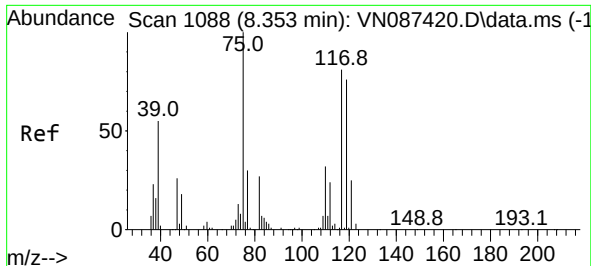
Ion Ratio Lower Upper

114 100

63 21.9 17.8 26.6

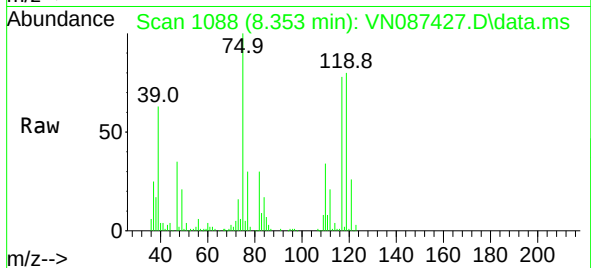
88 15.9 13.0 19.4



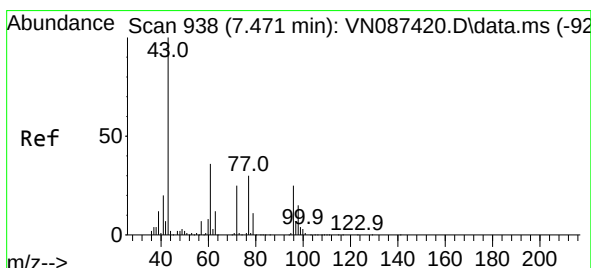
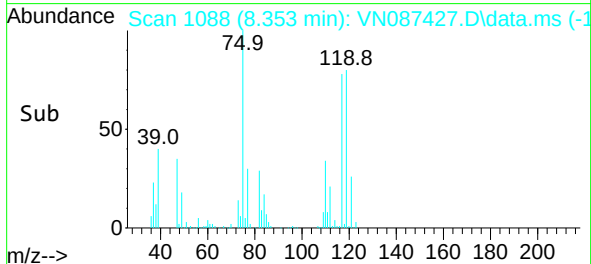
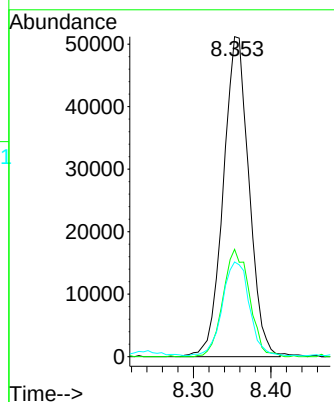


#29
1,1-Dichloropropene
Concen: 18.320 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

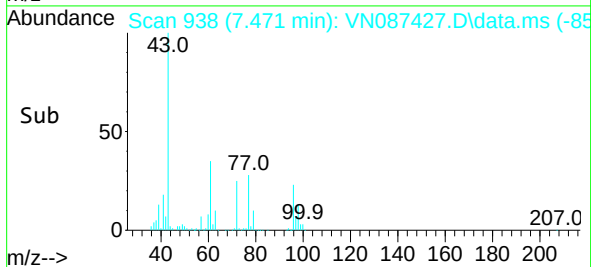
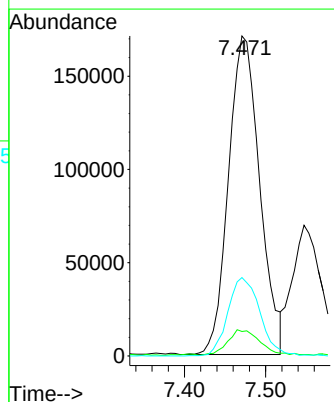
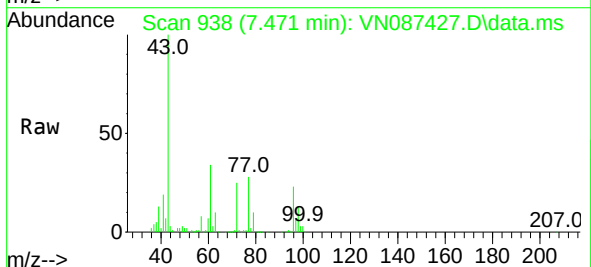


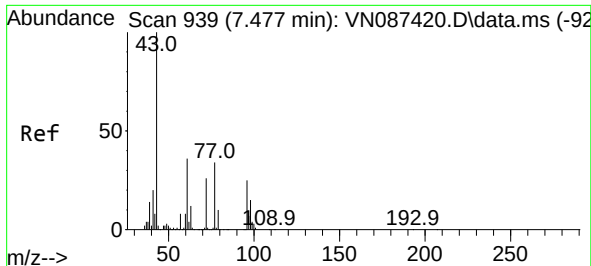
Tgt Ion: 75 Resp: 118191
Ion Ratio Lower Upper
75 100
110 34.3 0.0 69.6
77 30.7 0.0 60.2



#30
2-Butanone
Concen: 97.743 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 43 Resp: 456875
Ion Ratio Lower Upper
43 100
57 8.2 6.0 9.0
72 25.1 20.3 30.5





#31

2,2-Dichloropropane

Concen: 17.374 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

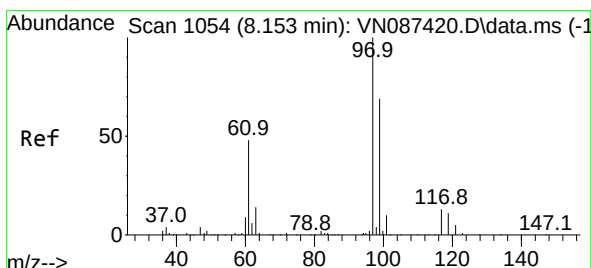
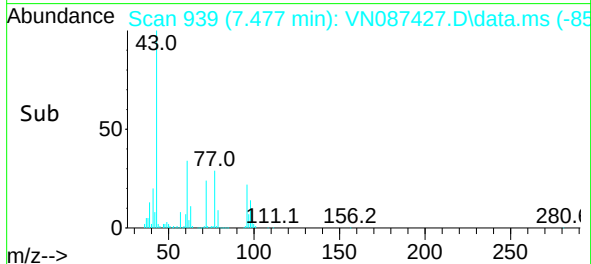
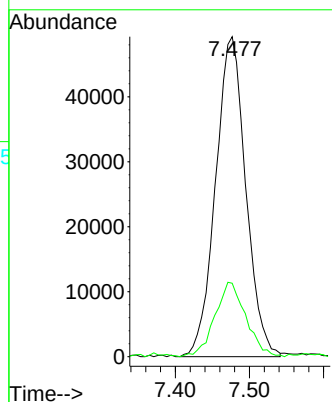
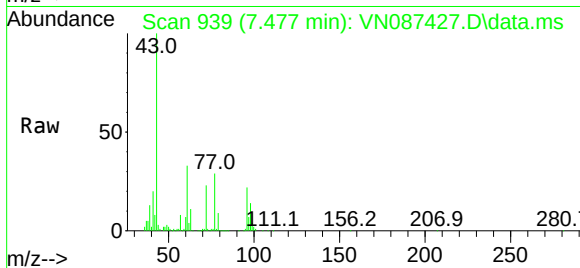
ClientSampleId :

Tgt Ion: 77 Resp: 139667

Ion Ratio Lower Upper

77 100

97 23.8 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 18.070 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

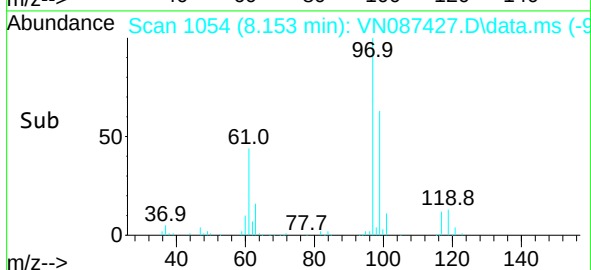
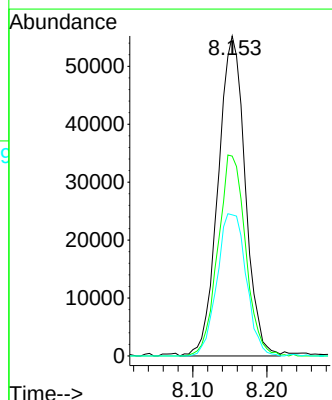
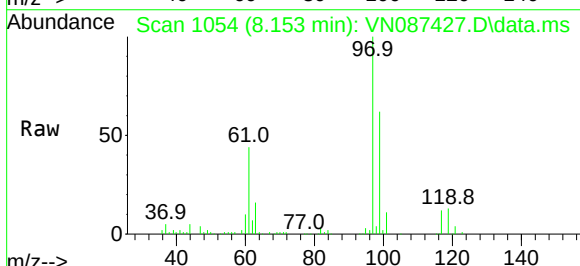
Tgt Ion: 97 Resp: 140132

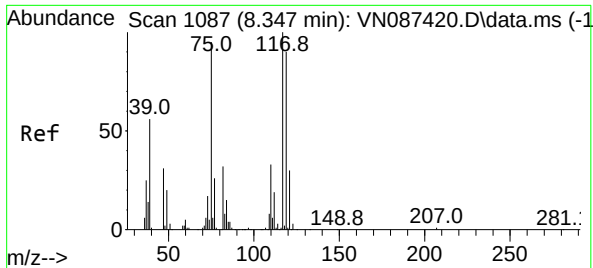
Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

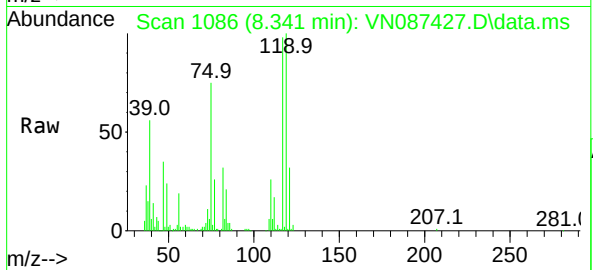
61 47.7 36.3 54.5



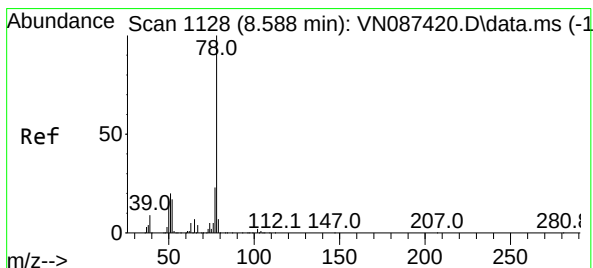
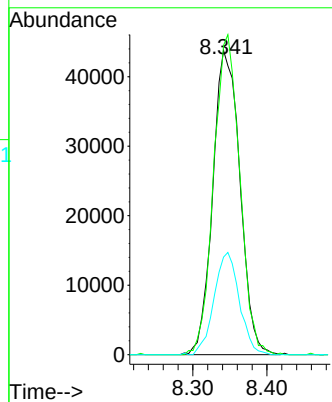
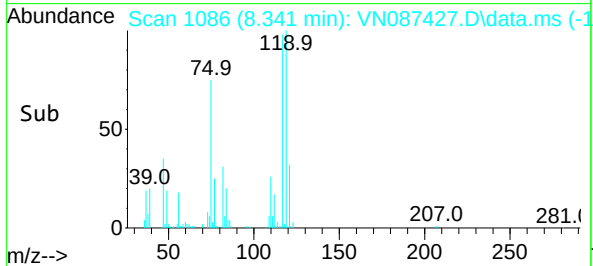


#33
Carbon Tetrachloride
Concen: 17.420 ug/l
RT: 8.341 min Scan# 111389
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

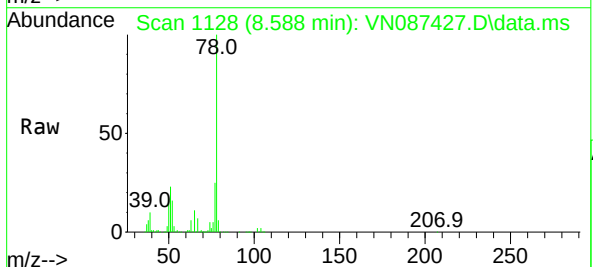
Instrument :
MSVOA_N
ClientSampleId :



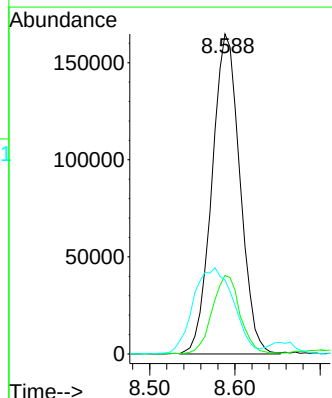
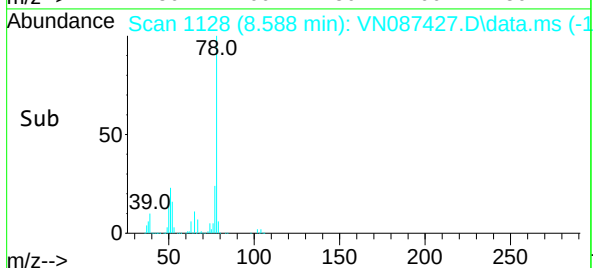
Tgt Ion:117 Resp: 111389
Ion Ratio Lower Upper
117 100
119 101.6 71.9 107.9
121 32.1 24.4 36.6

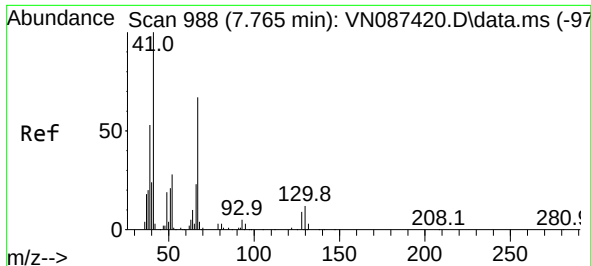


#34
Benzene
Concen: 17.823 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01



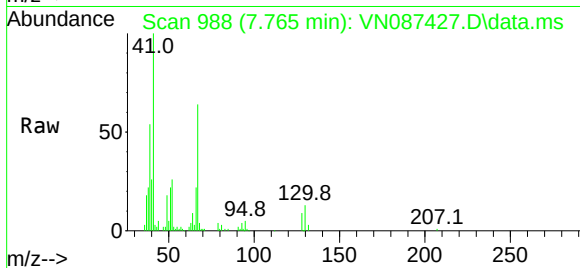
Tgt Ion: 78 Resp: 376079
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0
51 19.5 16.3 24.5



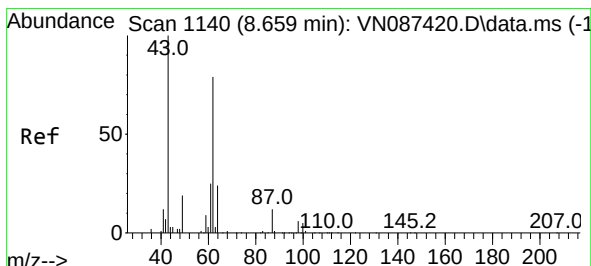
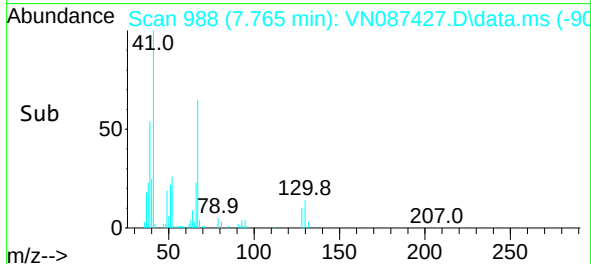
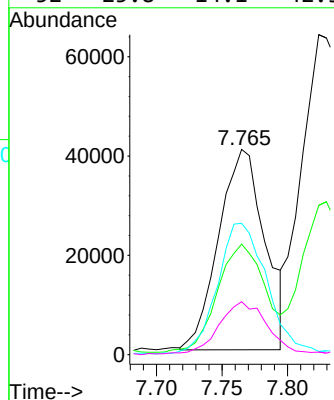


#35
Methacrylonitrile
Concen: 18.493 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

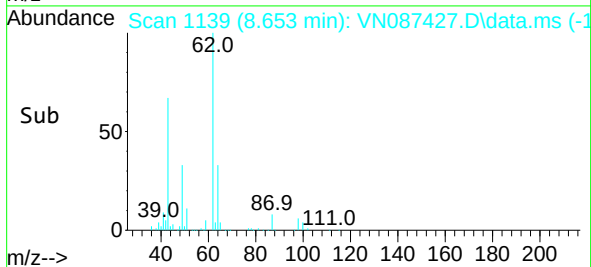
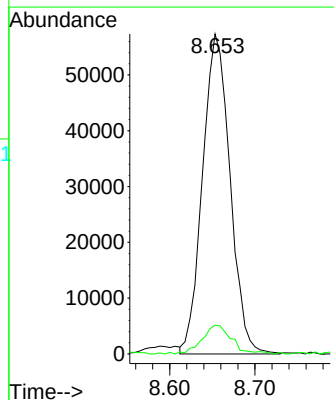
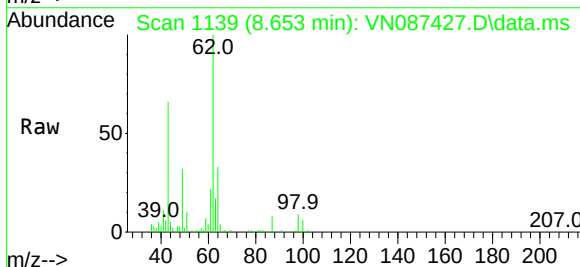


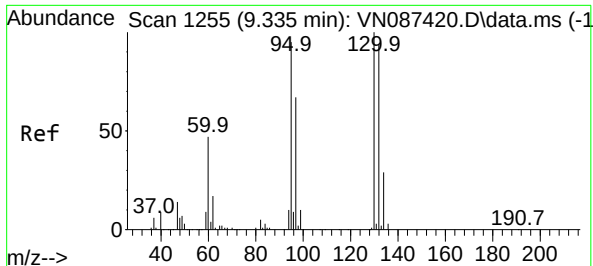
Tgt Ion:	41	Resp:	99021
Ion	Ratio	Lower	Upper
41	100		
39	53.0	26.7	80.1
67	64.4	33.5	100.4
52	25.8	14.1	42.3



#36
1,2-Dichloroethane
Concen: 18.325 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:	62	Resp:	128684
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.2	0.2#





#37

Trichloroethene

Concen: 17.930 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

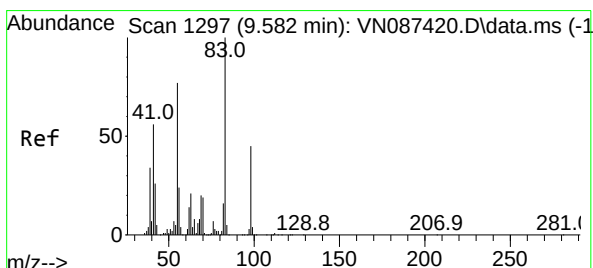
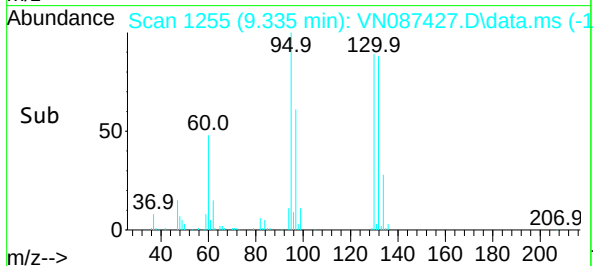
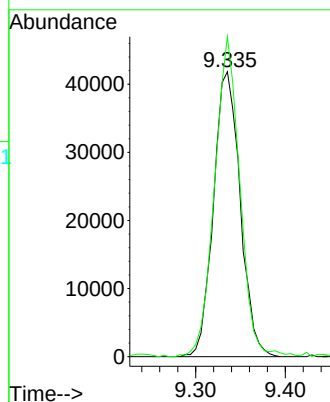
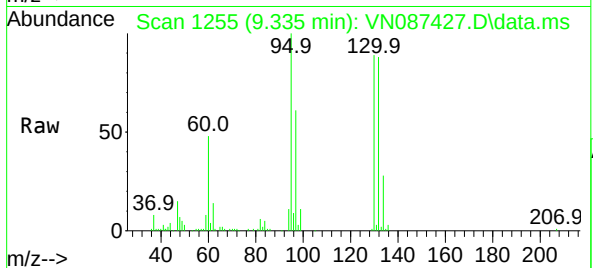
ClientSampleId :

Tgt Ion:130 Resp: 86364

Ion Ratio Lower Upper

130 100

95 111.6 76.4 114.6



#38

Methylcyclohexane

Concen: 18.100 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

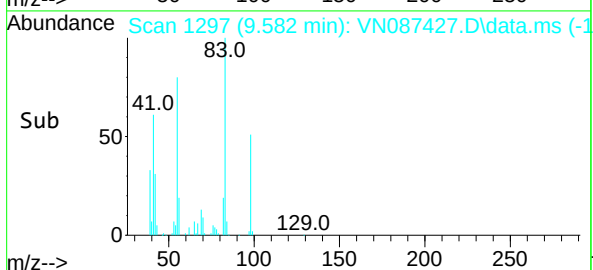
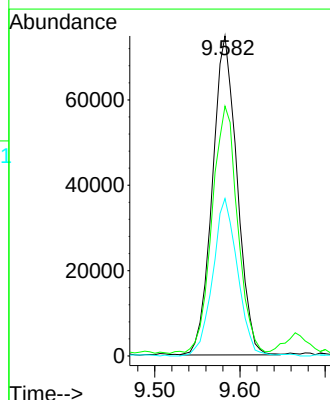
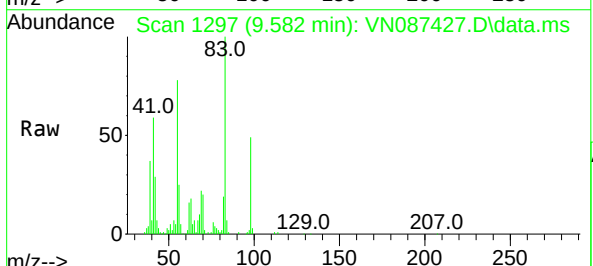
Tgt Ion: 83 Resp: 150606

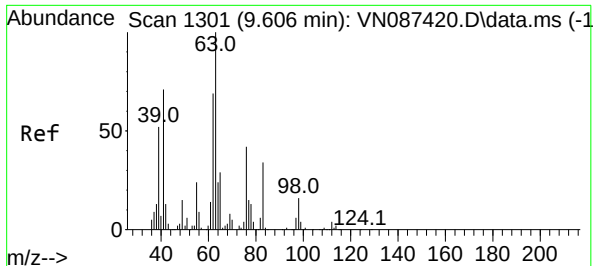
Ion Ratio Lower Upper

83 100

55 79.6 39.4 118.1

98 49.3 23.6 70.8





#39

1,2-Dichloropropane

Concen: 17.963 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

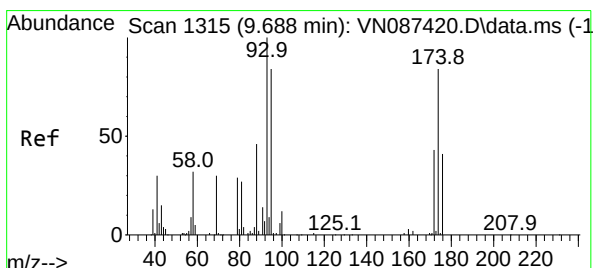
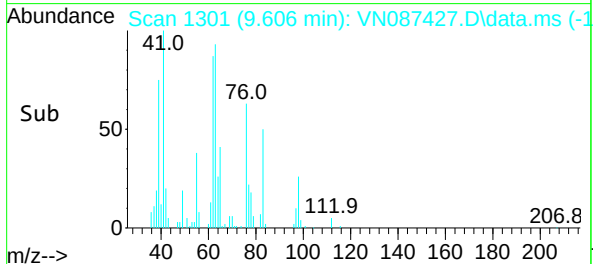
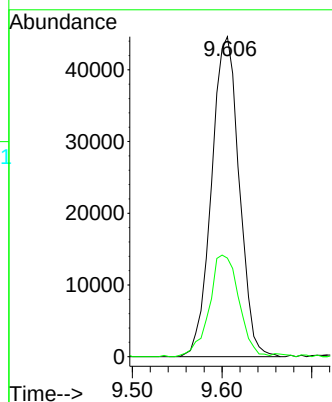
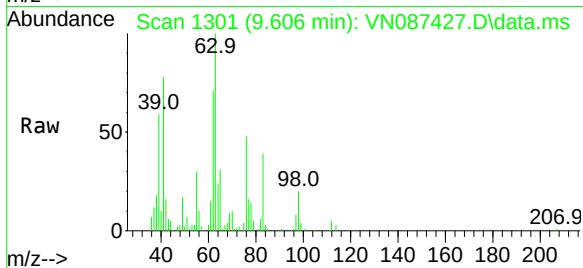
ClientSampleId :

Tgt Ion: 63 Resp: 95429

Ion Ratio Lower Upper

63 100

65 30.4 23.1 34.7



#40

Dibromomethane

Concen: 18.574 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

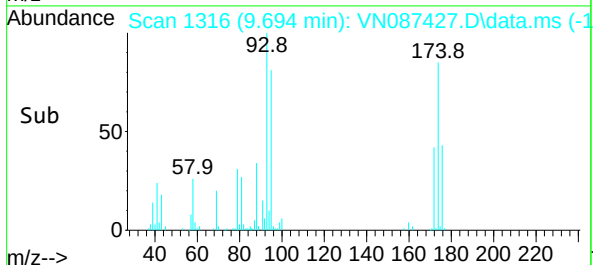
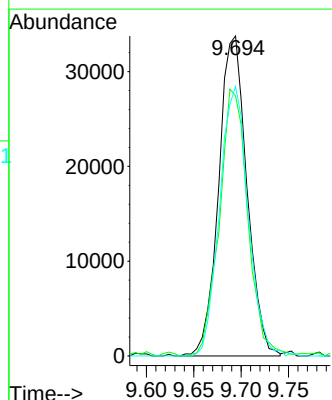
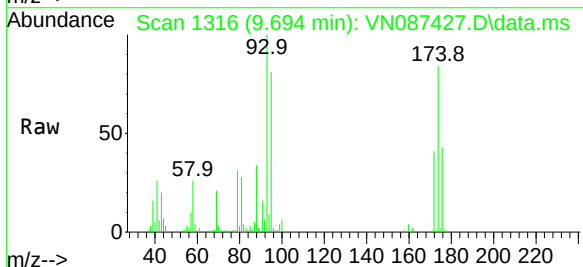
Tgt Ion: 93 Resp: 69996

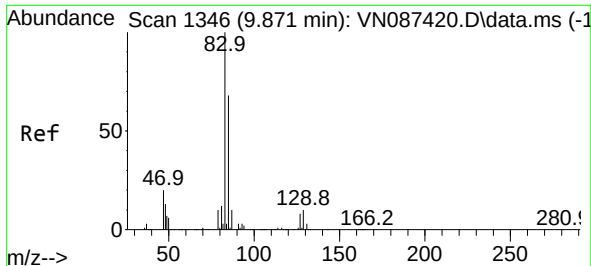
Ion Ratio Lower Upper

93 100

95 83.8 0.0 164.8

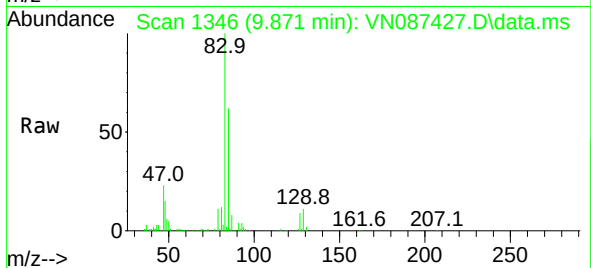
174 85.2 0.0 174.4



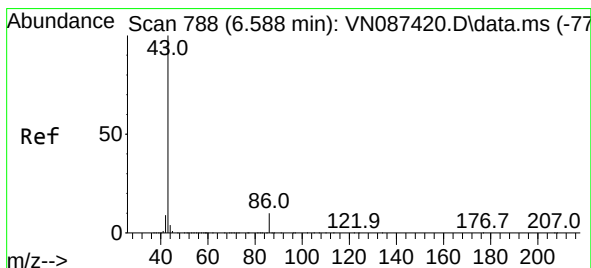
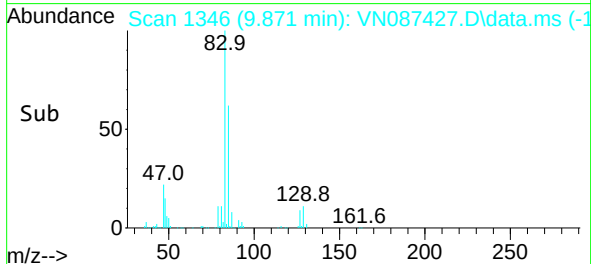
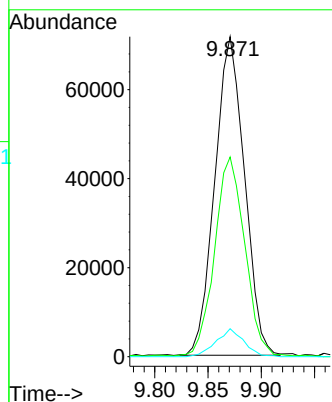


#41
Bromodichloromethane
Concen: 18.295 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

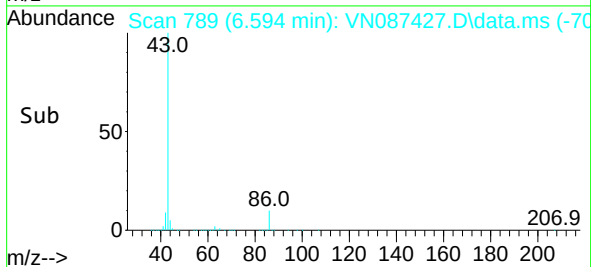
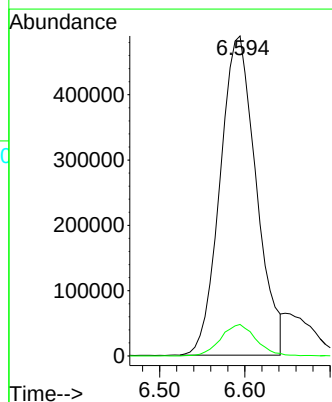
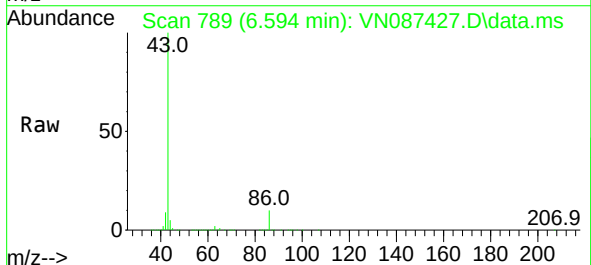


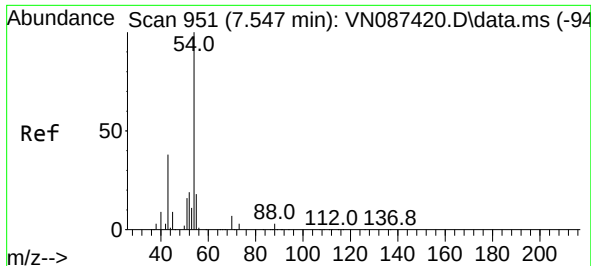
Tgt Ion: 83 Resp: 138757
Ion Ratio Lower Upper
83 100
85 62.3 54.5 81.7
127 8.8 6.6 10.0



#42
Vinyl Acetate
Concen: 91.731 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

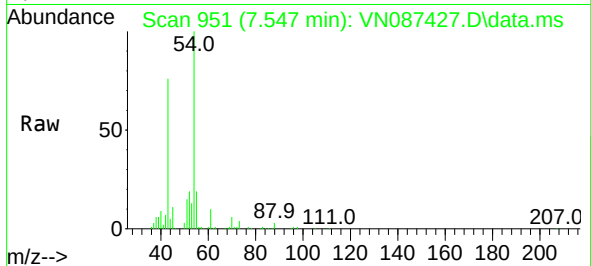
Tgt Ion: 43 Resp: 1442947
Ion Ratio Lower Upper
43 100
86 9.7 7.9 11.9



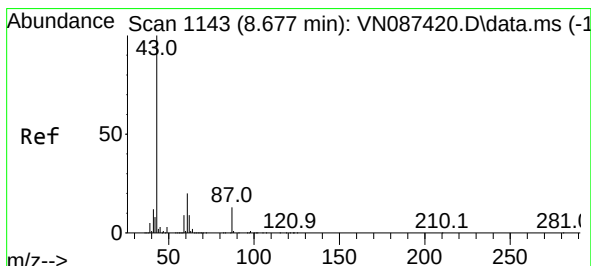
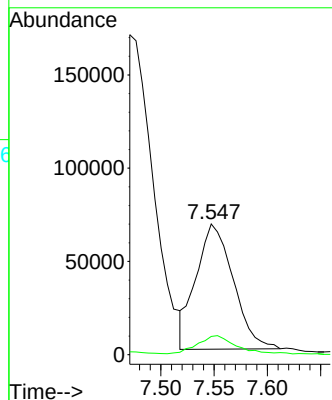
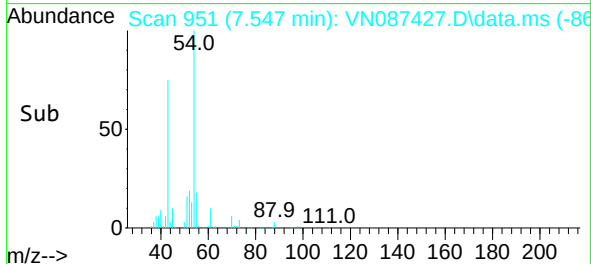


#43
Ethyl Acetate
Concen: 17.009 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

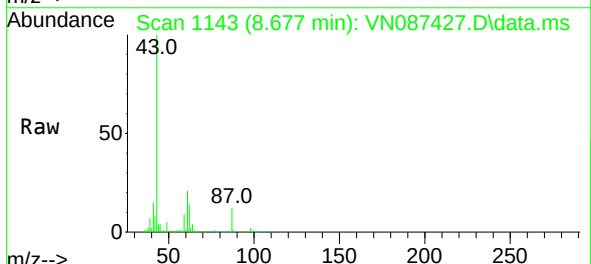
Instrument :
MSVOA_N
ClientSampleId :



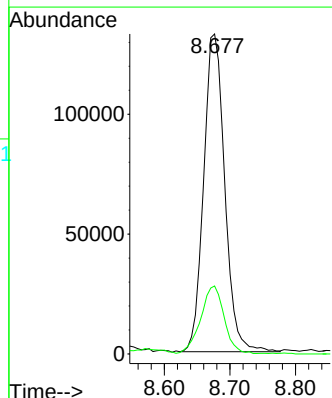
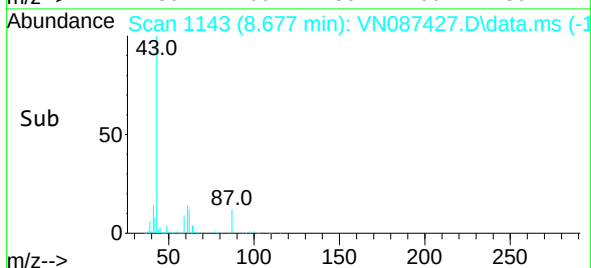
Tgt Ion: 43 Resp: 162984
Ion Ratio Lower Upper
43 100
45 14.5 1.6 2.4#

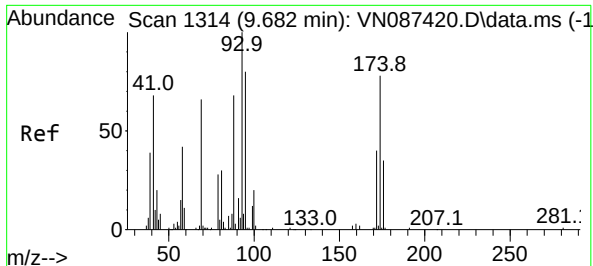


#44
Isopropyl Acetate
Concen: 19.416 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01



Tgt Ion: 43 Resp: 297215
Ion Ratio Lower Upper
43 100
61 23.7 20.0 30.0





#45

1,4-Dioxane

Concen: 380.683 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.000 min

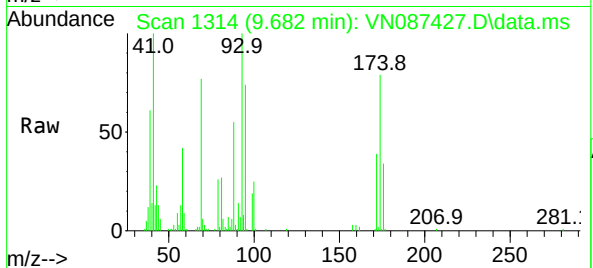
Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :



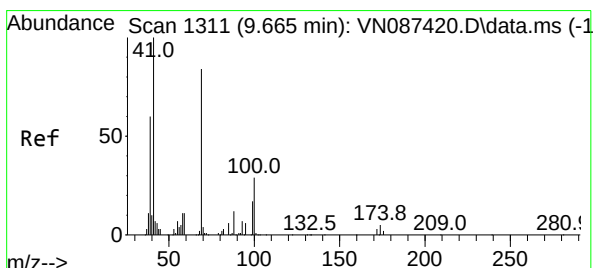
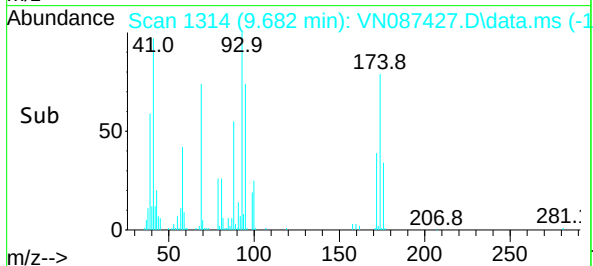
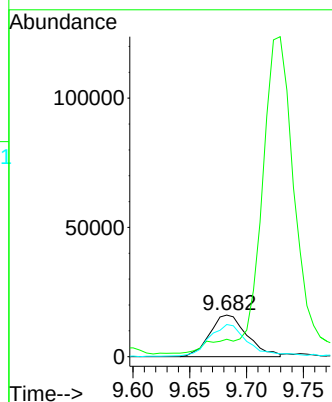
Tgt Ion: 88 Resp: 36975

Ion Ratio Lower Upper

88 100

43 11.2 22.7 34.1#

58 78.5 56.2 84.4



#46

Methyl methacrylate

Concen: 18.224 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

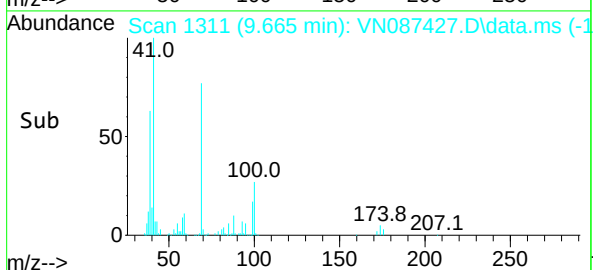
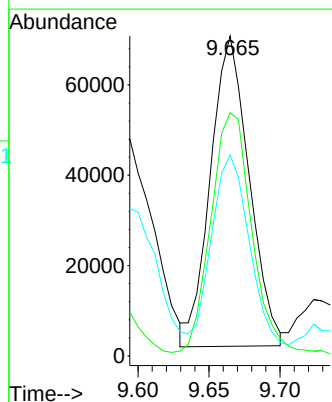
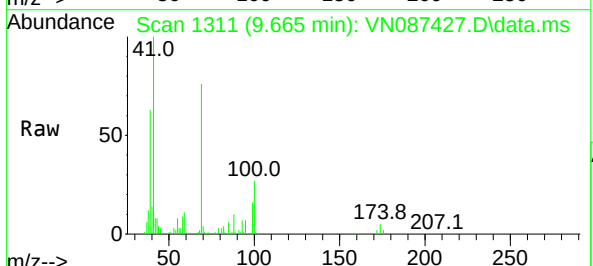
Tgt Ion: 41 Resp: 129901

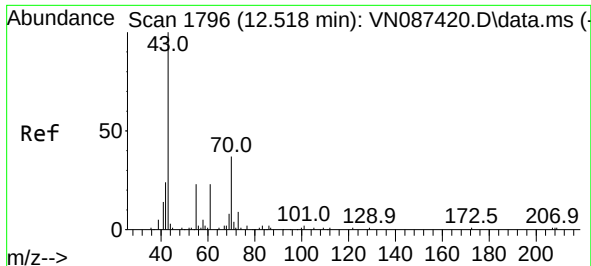
Ion Ratio Lower Upper

41 100

69 80.3 41.9 125.7

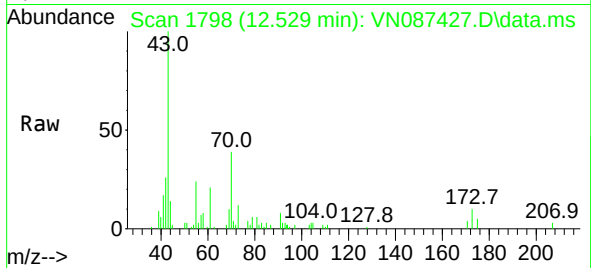
39 63.2 31.1 93.5



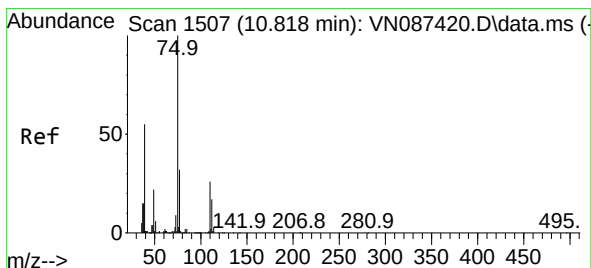
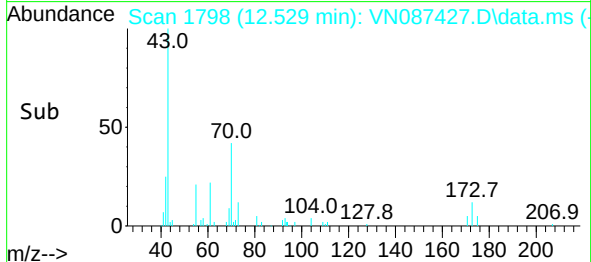
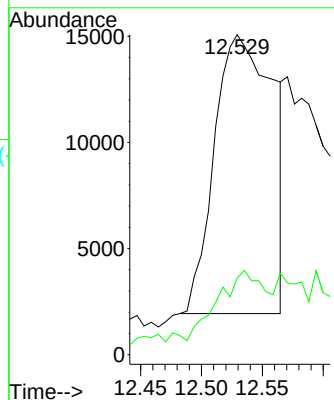


#47
n-amy1 Acetate
Concen: 6.936 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

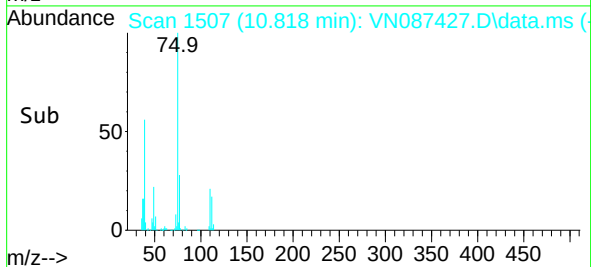
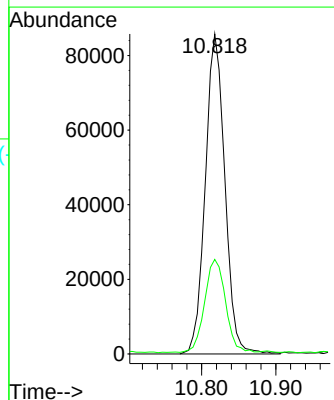
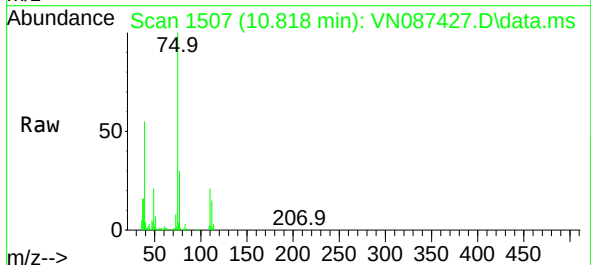


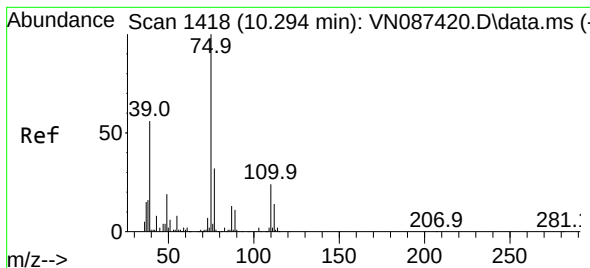
Tgt Ion: 43 Resp: 43772
Ion Ratio Lower Upper
43 100
55 20.7 15.0 22.6



#48
t-1,3-Dichloropropene
Concen: 18.437 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

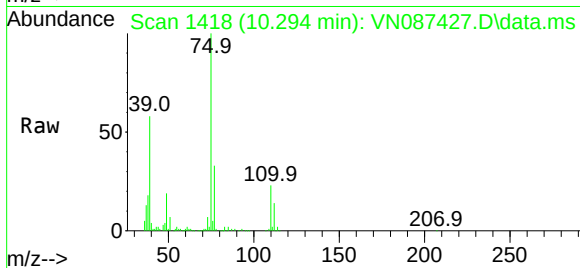
Tgt Ion: 75 Resp: 157424
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.2



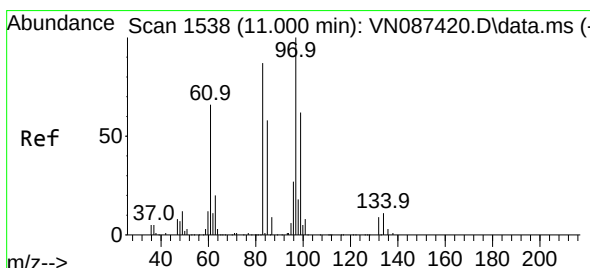
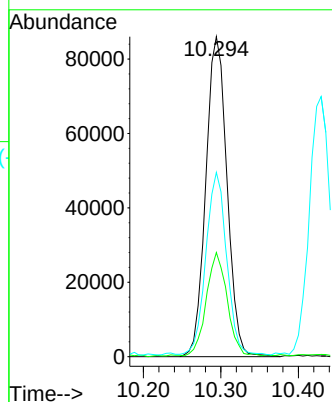
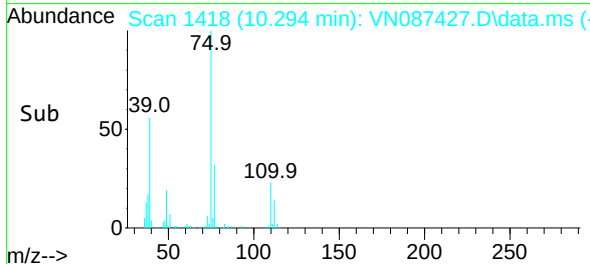


#49
 cis-1,3-Dichloropropene
 Concen: 18.239 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

Instrument :
 MSVOA_N
 ClientSampleId :

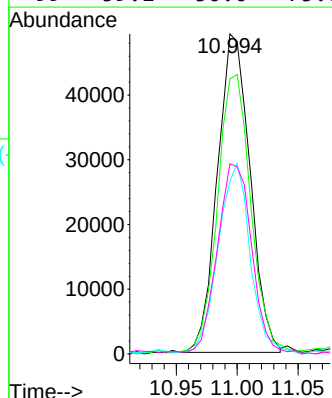
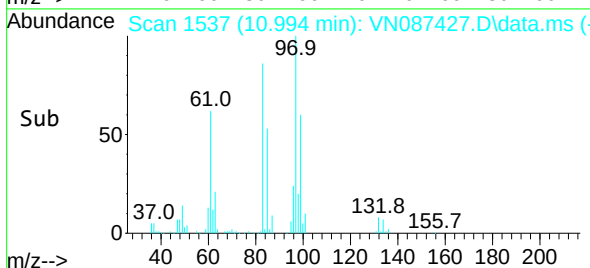
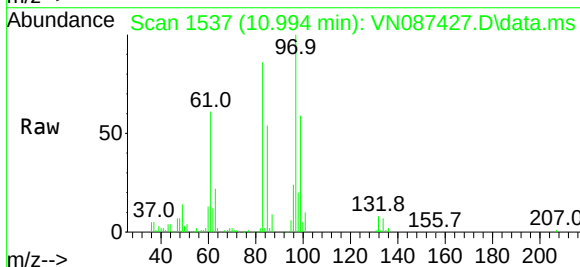


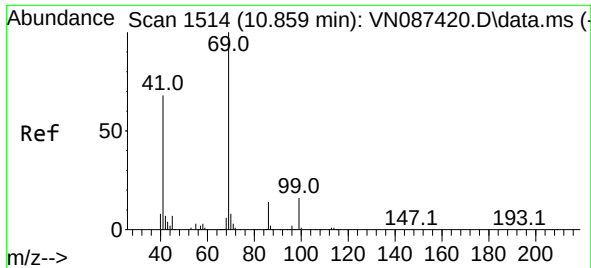
Tgt Ion: 75 Resp: 163555
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 56.8 45.0 67.4



#50
 1,1,2-Trichloroethane
 Concen: 18.318 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.006 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

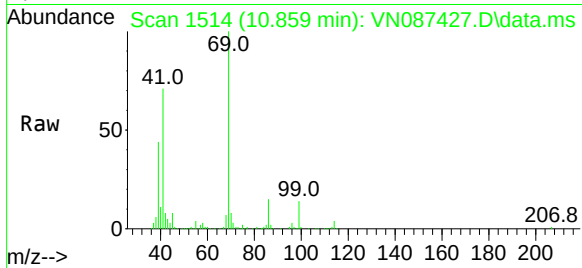
Tgt Ion: 97 Resp: 91889
 Ion Ratio Lower Upper
 97 100
 83 85.6 70.0 105.0
 85 53.8 46.2 69.2
 99 59.1 50.0 75.0



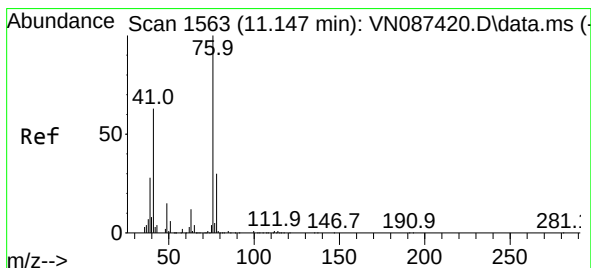
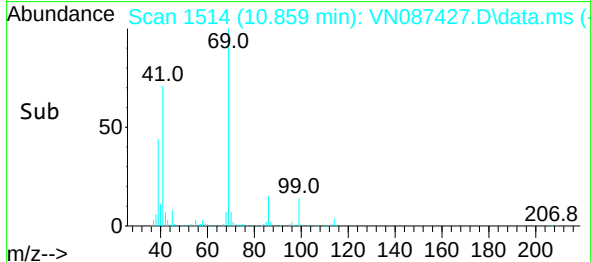
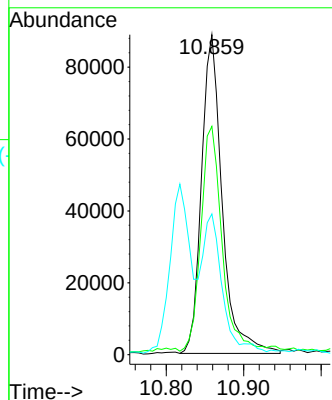


#51
Ethyl methacrylate
Concen: 18.140 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

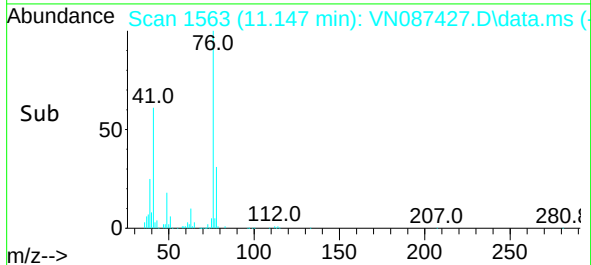
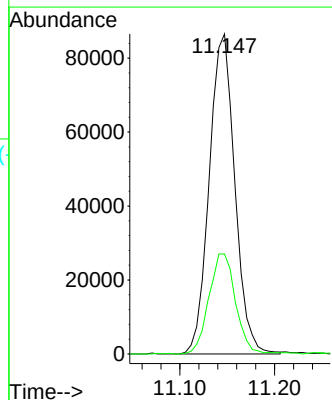
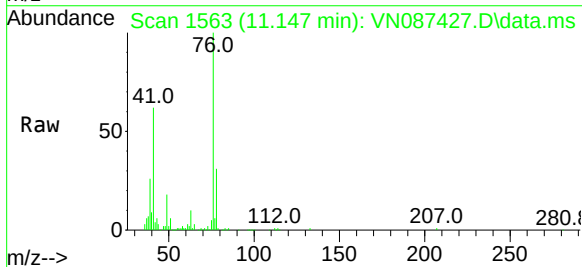


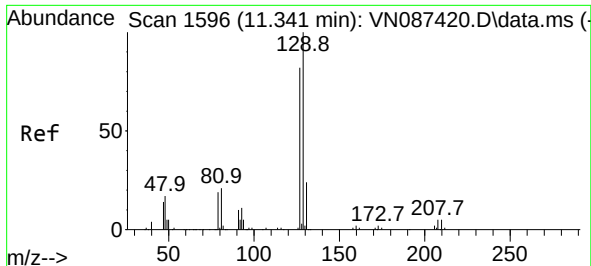
Tgt Ion: 69 Resp: 164790
Ion Ratio Lower Upper
69 100
41 70.5 33.9 101.6
39 43.0 20.3 60.9



#52
1,3-Dichloropropane
Concen: 18.722 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 76 Resp: 162314
Ion Ratio Lower Upper
76 100
78 32.4 0.0 67.4

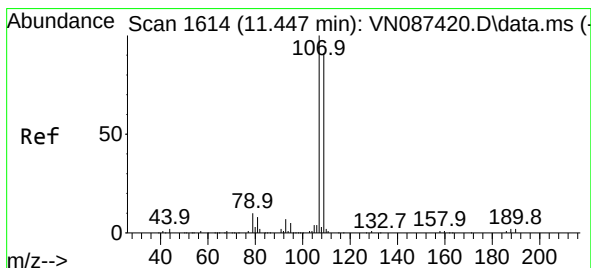
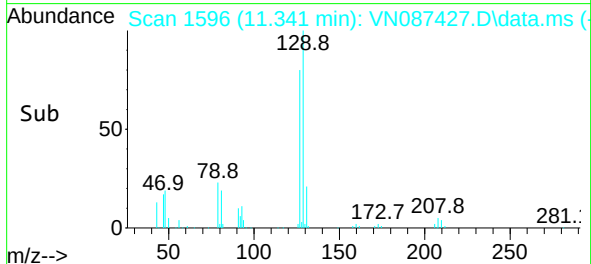
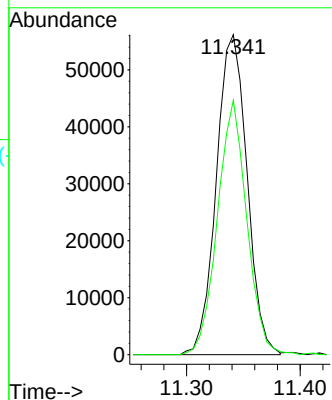
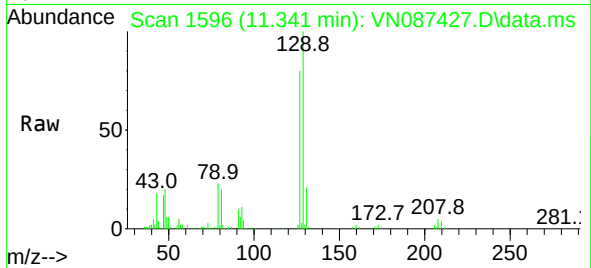




#53
Dibromochloromethane
Concen: 18.348 ug/l
RT: 11.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

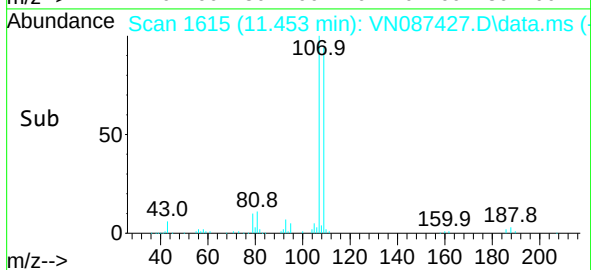
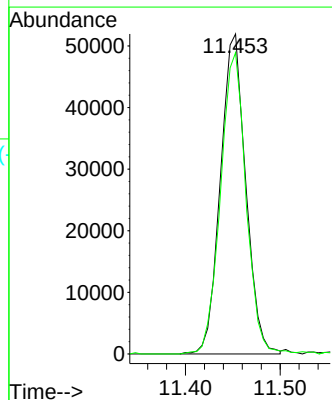
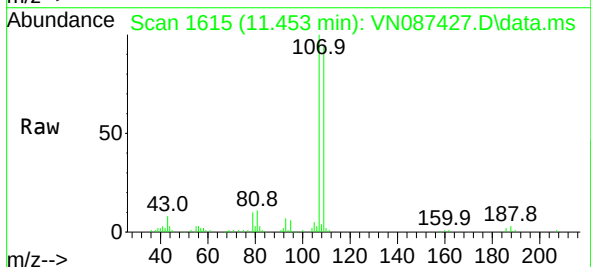
Instrument :
MSVOA_N
ClientSampleId :

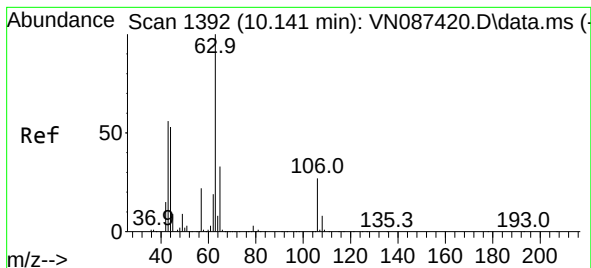
Tgt Ion:129 Resp: 105571
Ion Ratio Lower Upper
129 100
127 76.0 39.5 118.3



#54
1,2-Dibromoethane
Concen: 18.279 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:107 Resp: 96478
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9

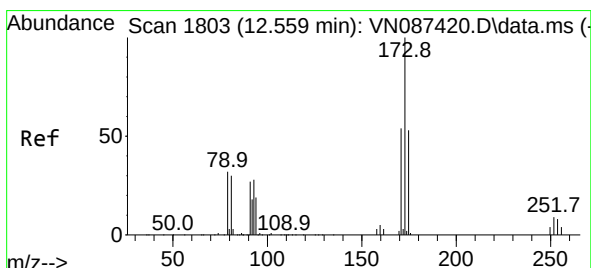
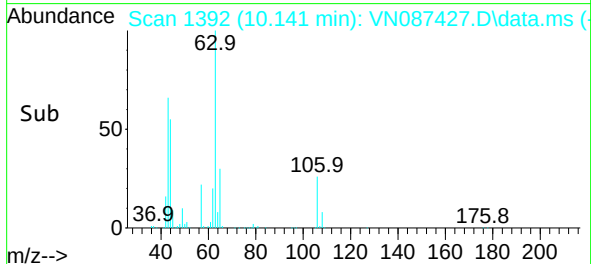
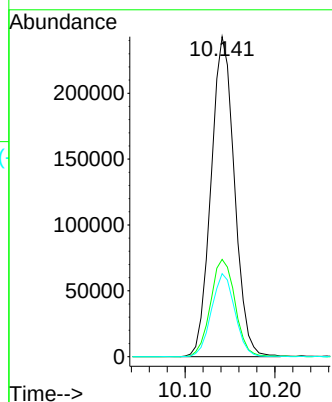
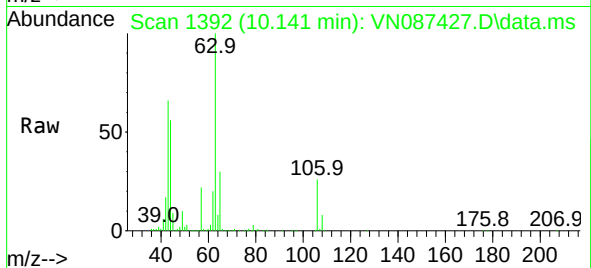




#55
2-Chloroethyl vinyl ether
Concen: 117.775 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

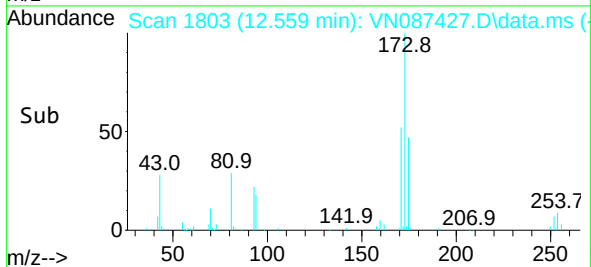
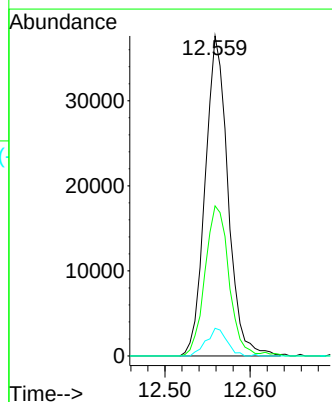
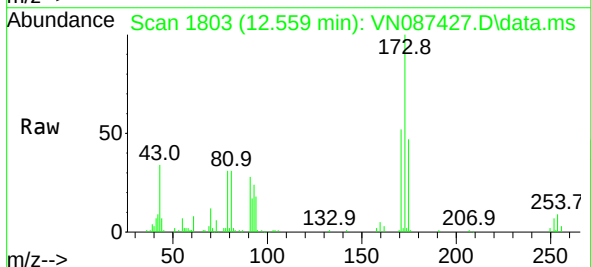
Instrument :
MSVOA_N
ClientSampleId :

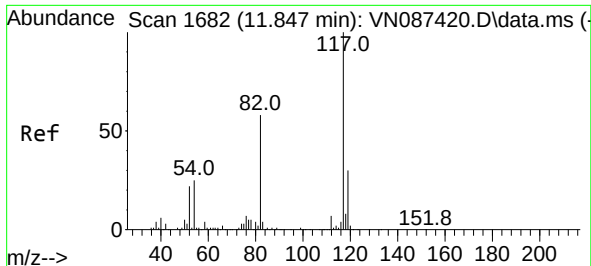
Tgt Ion: 63 Resp: 439906
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 25.9 21.3 31.9



#56
Bromoform
Concen: 17.357 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

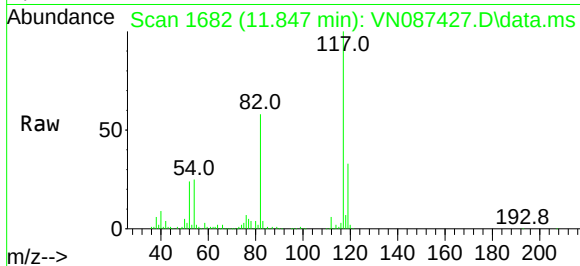
Tgt Ion:173 Resp: 70084
Ion Ratio Lower Upper
173 100
175 49.1 38.4 57.6
254 7.8 6.4 9.6



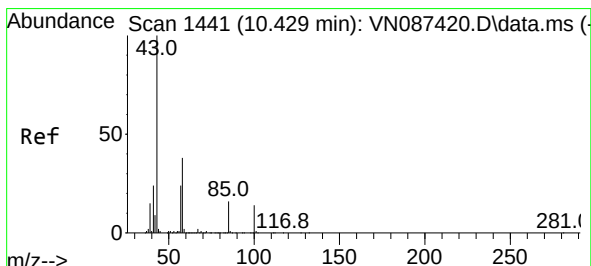
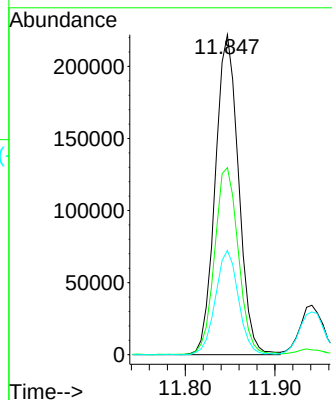
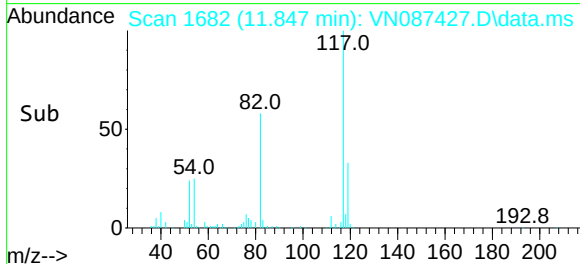


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

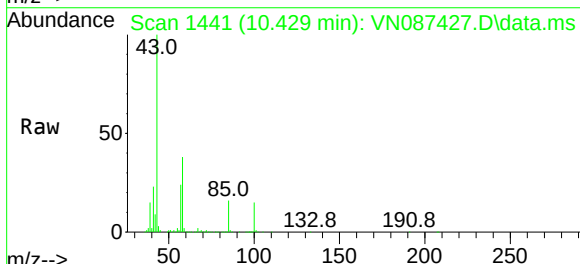
Instrument :
MSVOA_N
ClientSampleId :



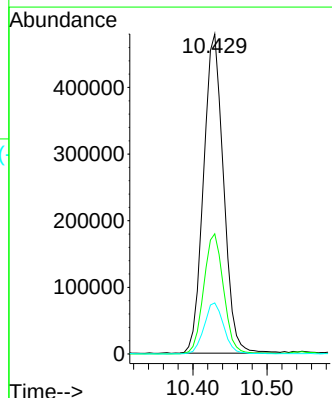
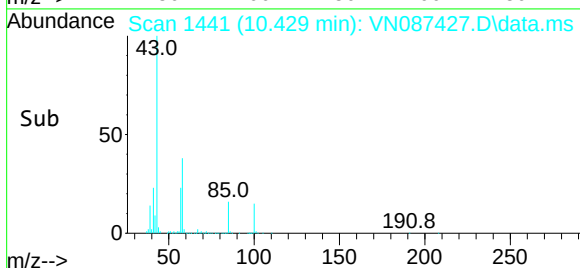
Tgt Ion:117 Resp: 401032
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.2 25.7 38.5

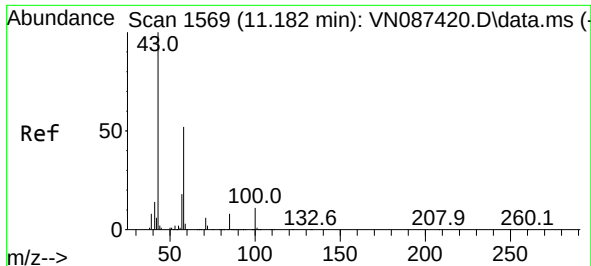


#58
4-Methyl-2-Pentanone
Concen: 99.410 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01



Tgt Ion: 43 Resp: 897982
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9
85 15.8 12.8 19.2

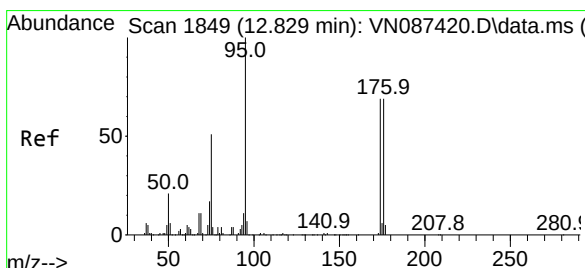
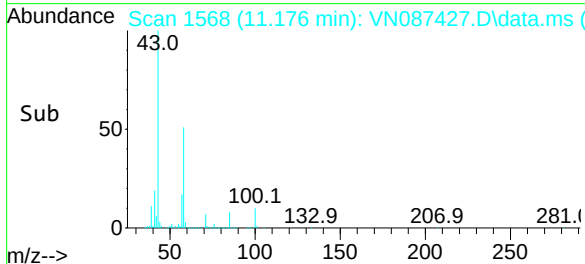
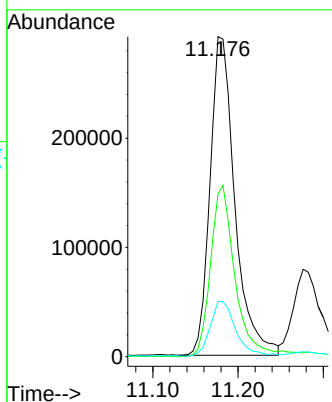
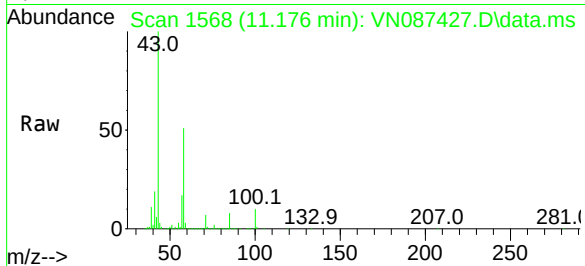




#59
2-Hexanone
Concen: 94.483 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

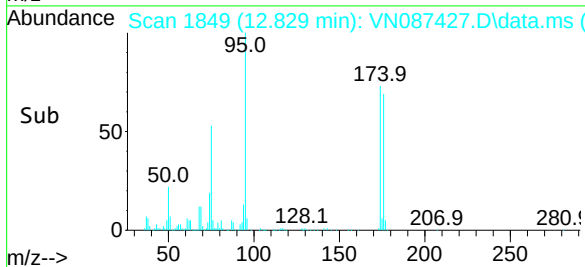
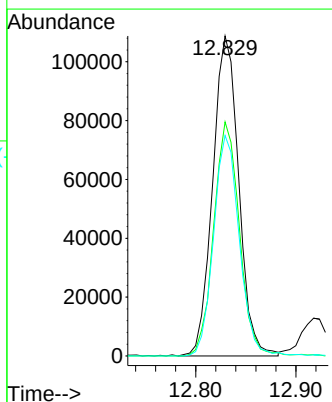
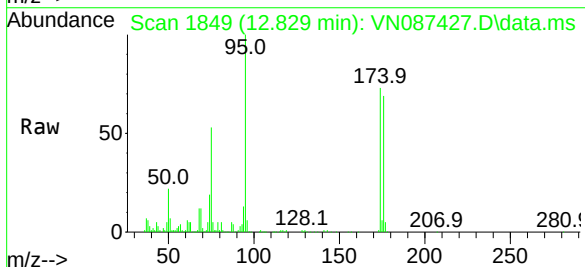
Instrument :
MSVOA_N
ClientSampleId :

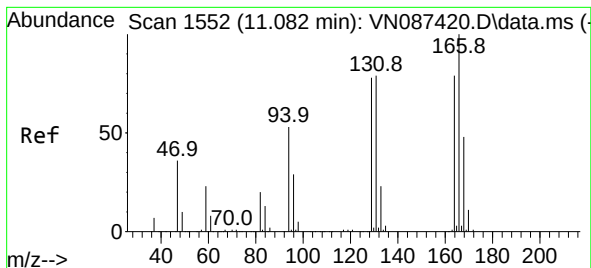
Tgt Ion: 43 Resp: 591460
Ion Ratio Lower Upper
43 100
58 52.0 42.2 63.2
57 17.4 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 29.790 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 95 Resp: 196184
Ion Ratio Lower Upper
95 100
174 72.1 57.8 86.8
176 67.8 54.9 82.3





#61

Tetrachloroethene

Concen: 17.915 ug/l

RT: 11.082 min Scan# 11

Delta R.T. 0.000 min

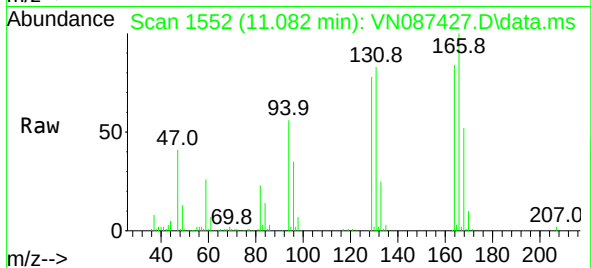
Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 68211

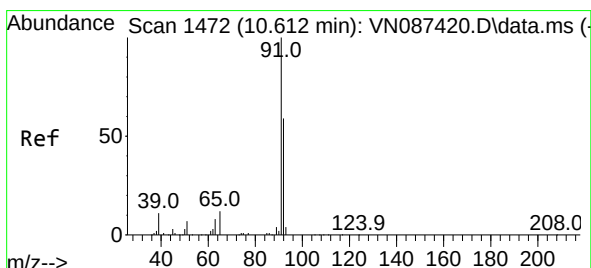
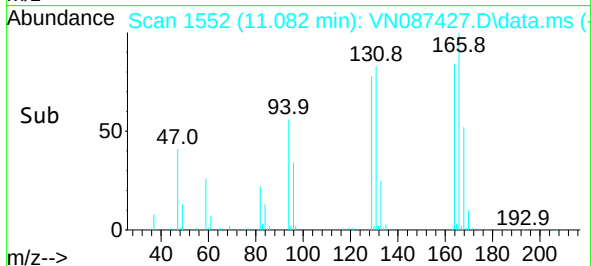
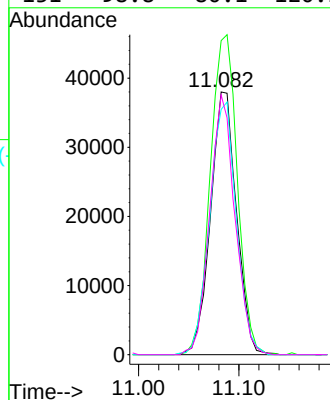
Ion Ratio Lower Upper

164 100

166 119.6 101.8 152.8

129 93.4 79.8 119.8

131 98.8 80.1 120.1



#62

Toluene

Concen: 17.993 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087427.D

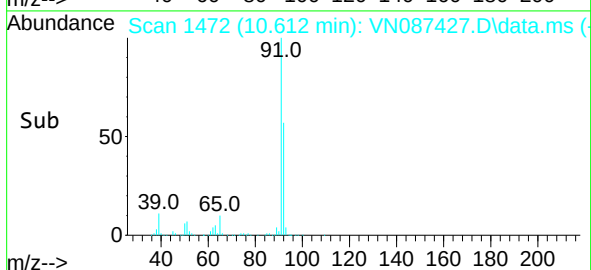
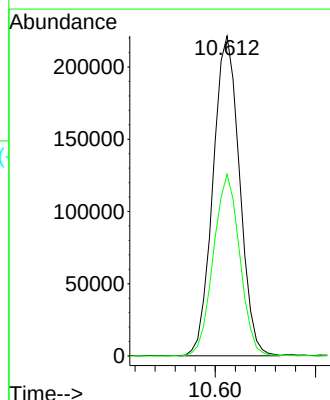
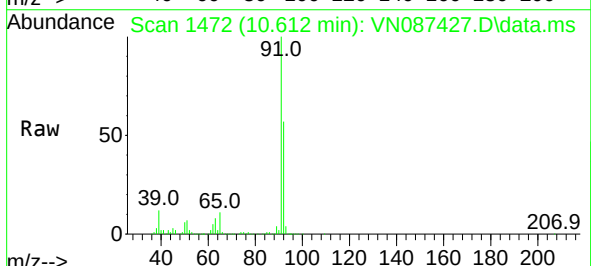
Acq: 28 Jul 2025 13:01

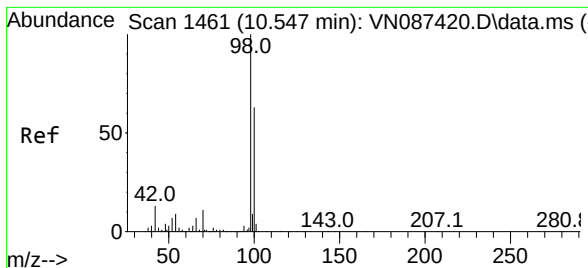
Tgt Ion: 91 Resp: 407240

Ion Ratio Lower Upper

91 100

92 56.2 45.6 68.4





#63

Toluene-d8

Concen: 30.499 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

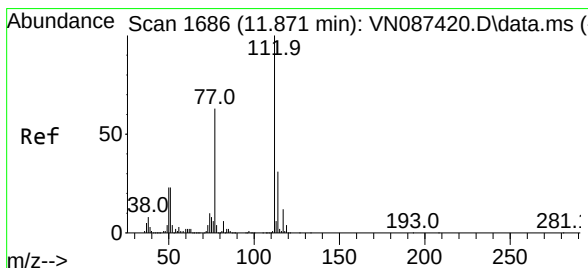
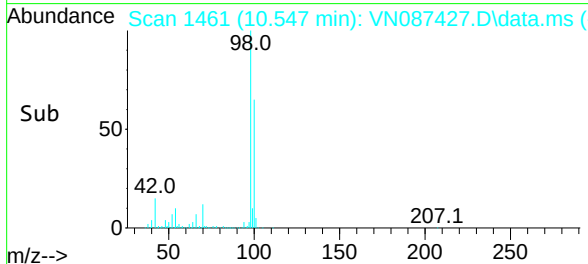
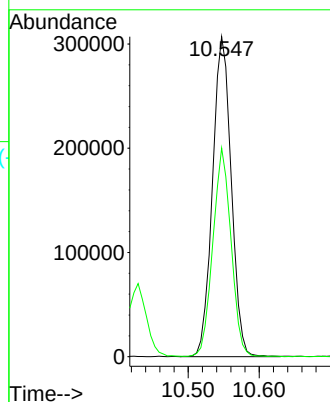
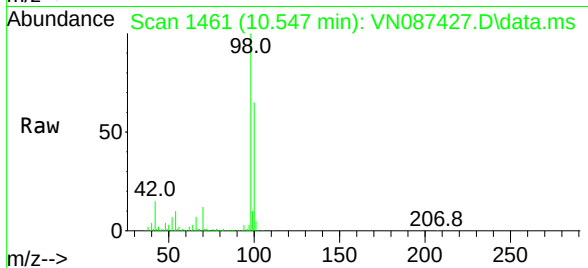
ClientSampleId :

Tgt Ion: 98 Resp: 561695

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#64

Chlorobenzene

Concen: 17.679 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087427.D

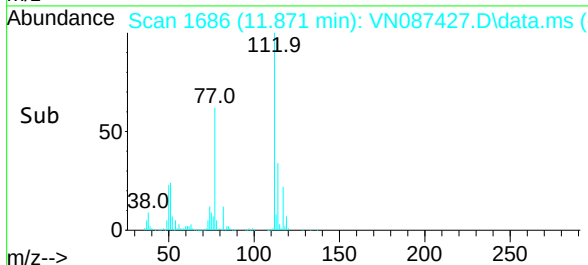
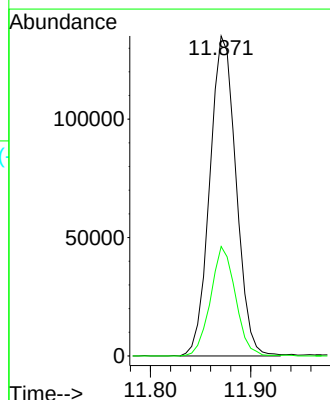
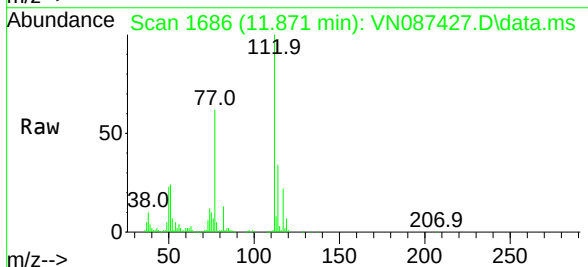
Acq: 28 Jul 2025 13:01

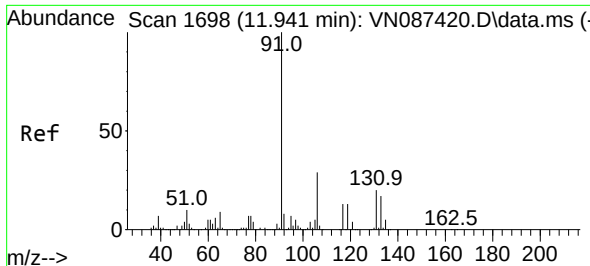
Tgt Ion: 112 Resp: 246071

Ion Ratio Lower Upper

112 100

114 34.2 25.2 37.8

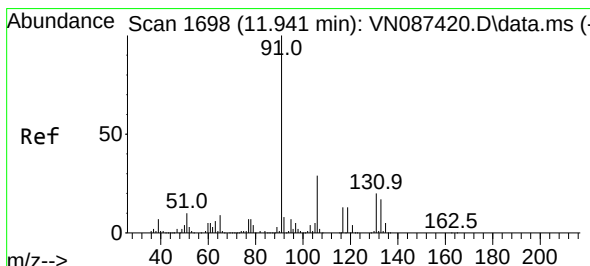
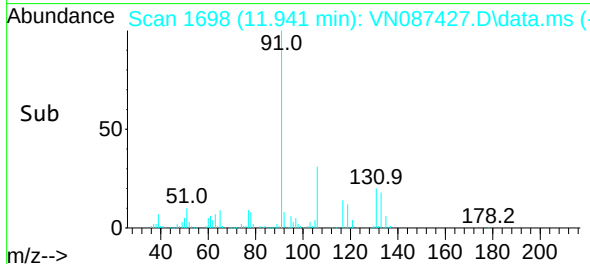
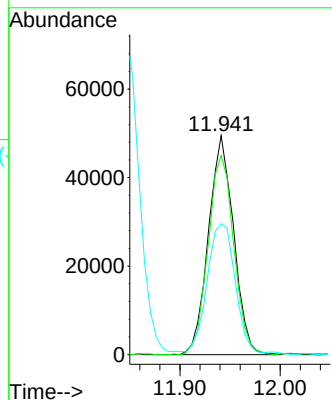
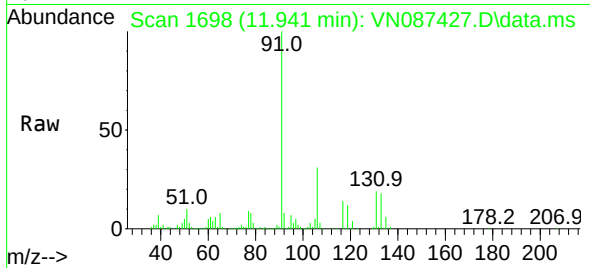




#65
1,1,1,2-Tetrachloroethane
Concen: 18.294 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

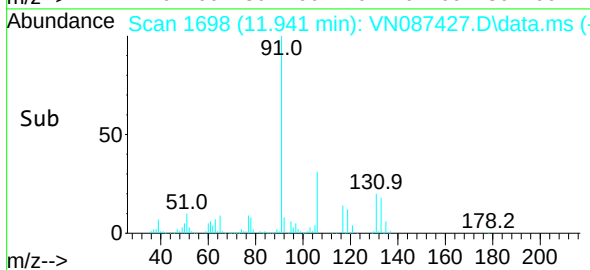
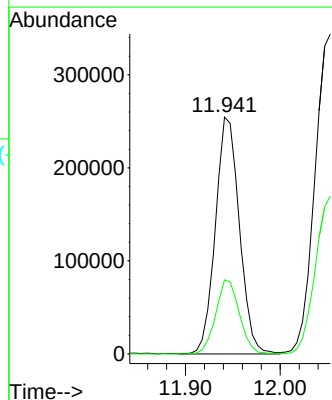
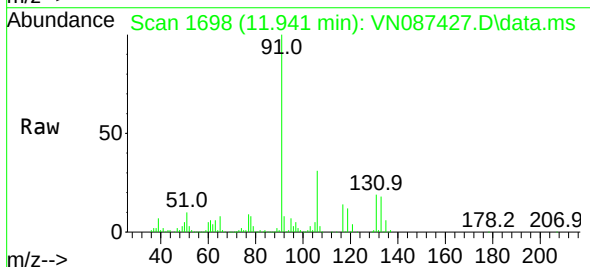
Instrument :
MSVOA_N
ClientSampleId :

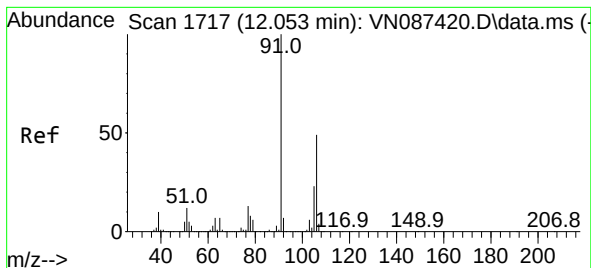
Tgt Ion:131 Resp: 86341
Ion Ratio Lower Upper
131 100
133 93.0 0.0 184.2
119 66.9 0.0 136.4



#66
Ethyl Benzene
Concen: 18.133 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 91 Resp: 448375
Ion Ratio Lower Upper
91 100
106 31.3 23.6 35.4

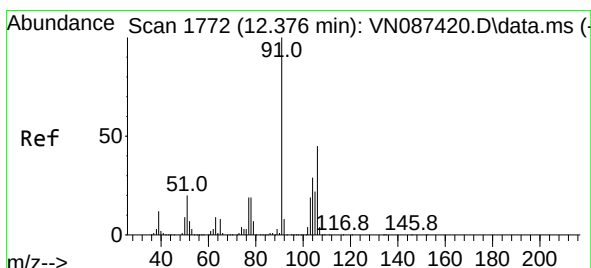
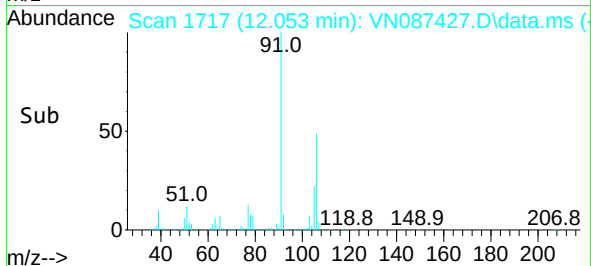
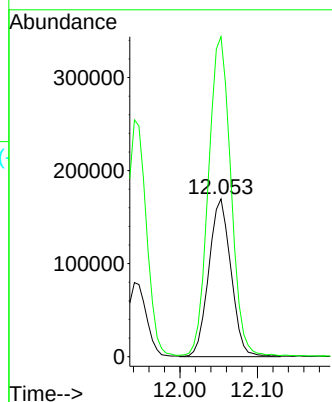
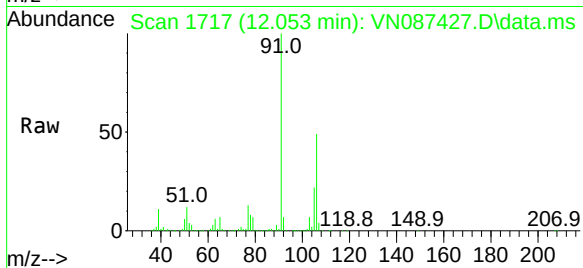




#67
m/p-Xylenes
Concen: 36.533 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

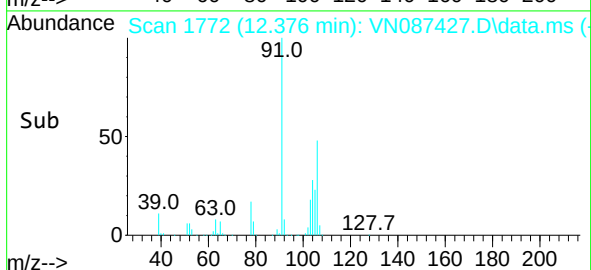
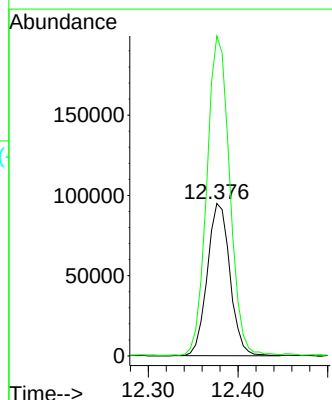
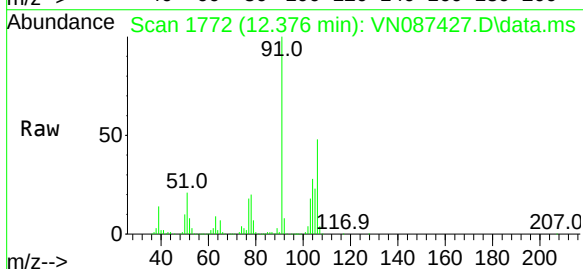
Instrument :
MSVOA_N
ClientSampleId :

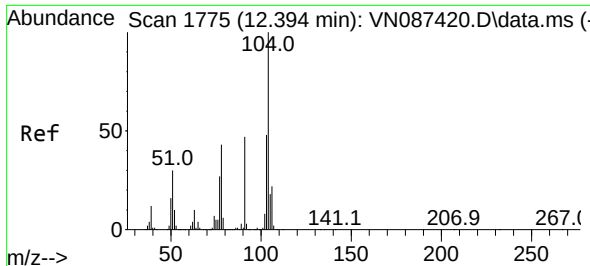
Tgt Ion:106 Resp: 338484
Ion Ratio Lower Upper
106 100
91 204.1 165.4 248.2



#68
o-Xylene
Concen: 18.298 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

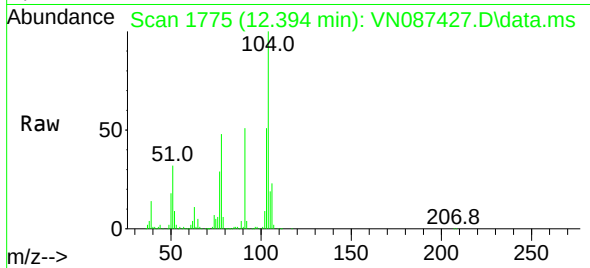
Tgt Ion:106 Resp: 165907
Ion Ratio Lower Upper
106 100
91 212.0 106.9 320.8



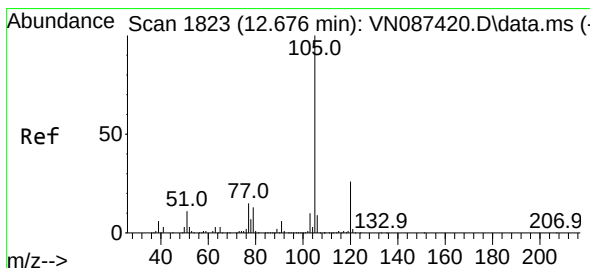
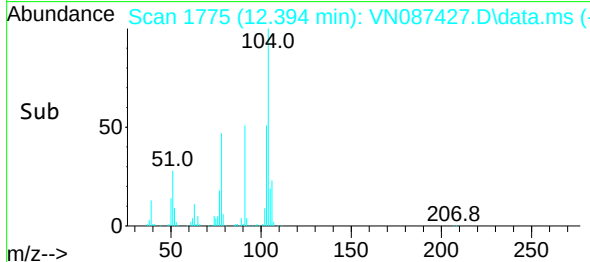
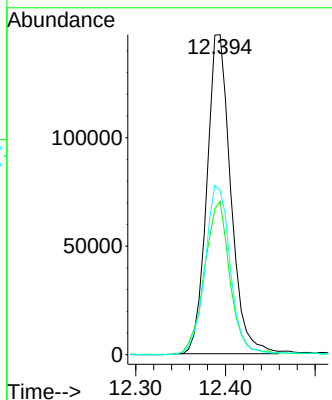


#69
Styrene
Concen: 17.557 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

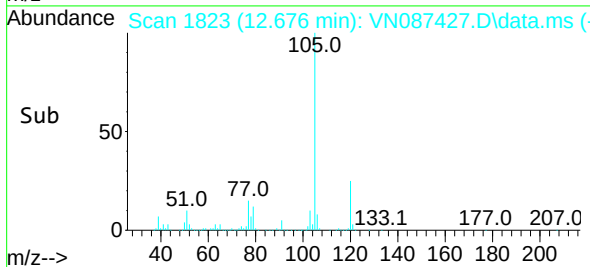
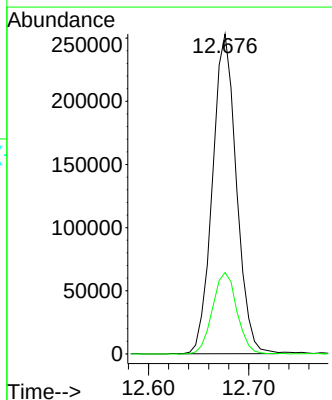
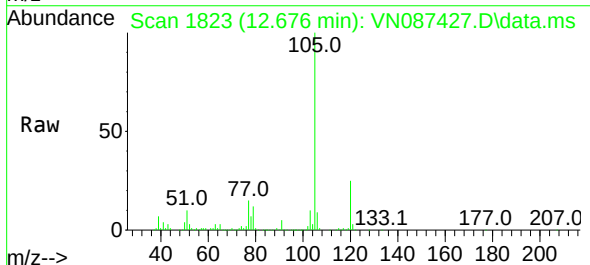


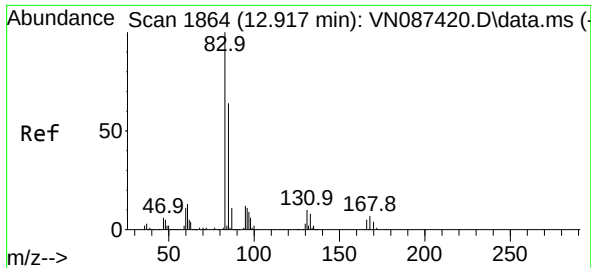
Tgt Ion:104 Resp: 272287
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 56.0 43.8 65.8



#70
Isopropylbenzene
Concen: 18.009 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:105 Resp: 419334
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.5

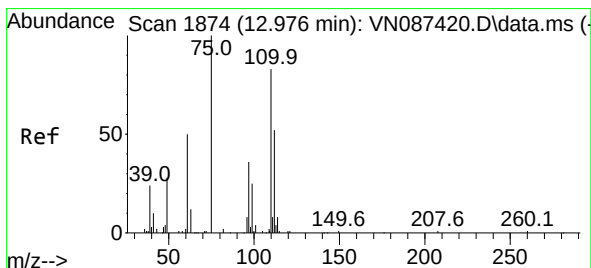
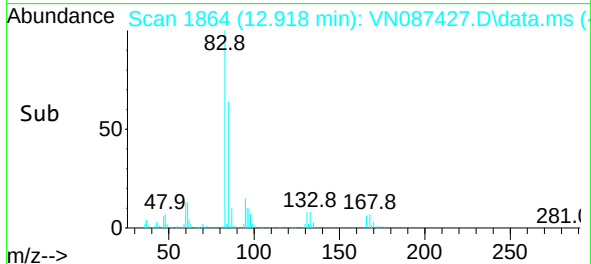
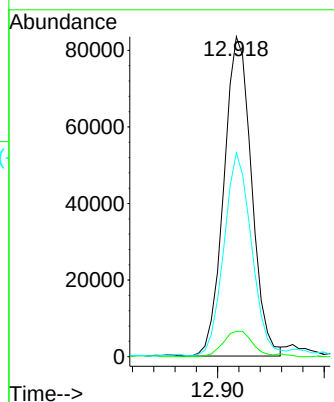
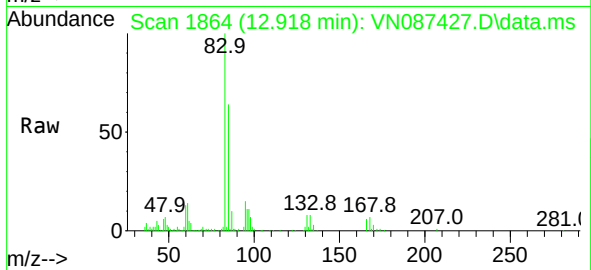




#71
1,1,2,2-Tetrachloroethane
Concen: 18.958 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

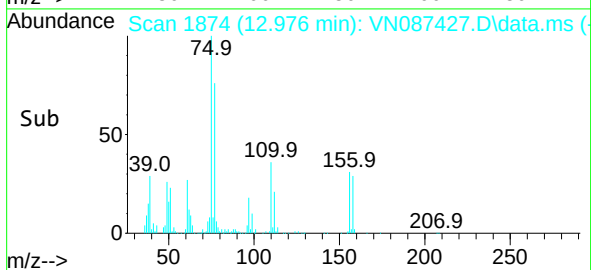
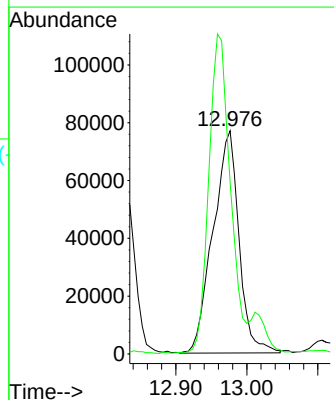
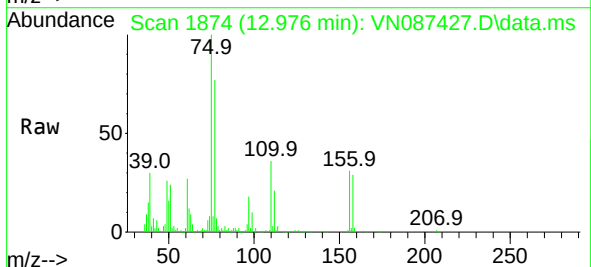
Instrument :
MSVOA_N
ClientSampleId :

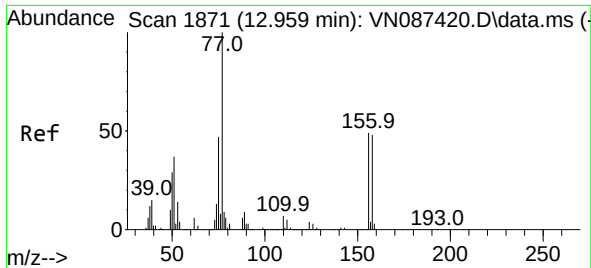
Tgt Ion: 83 Resp: 150519
Ion Ratio Lower Upper
83 100
131 8.5 5.0 14.9
85 64.0 32.7 98.1



#72
1,2,3-Trichloropropane
Concen: 26.989 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 75 Resp: 194919
Ion Ratio Lower Upper
75 100
77 119.0 0.0 322.6

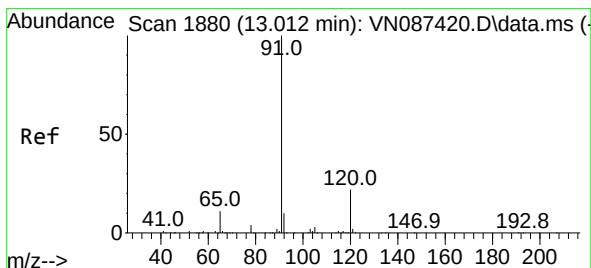
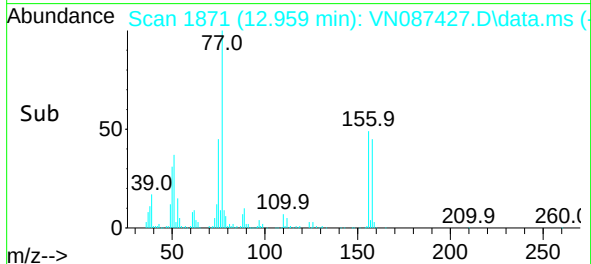
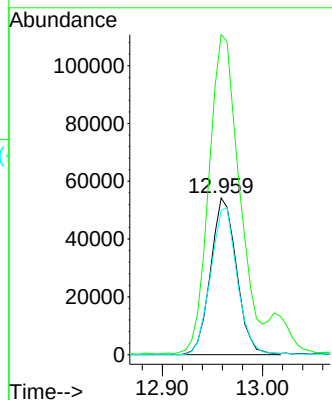
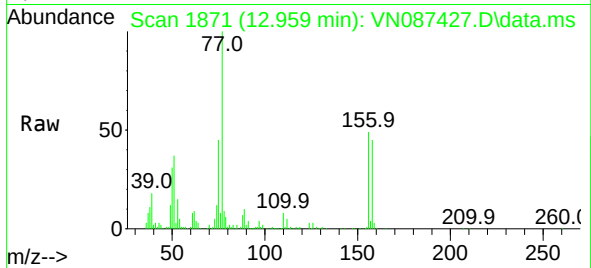




#73
Bromobenzene
Concen: 18.009 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

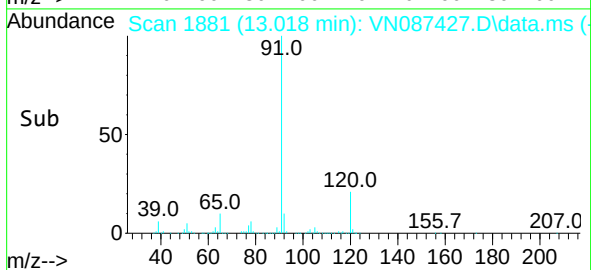
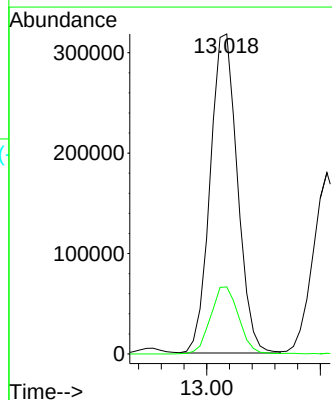
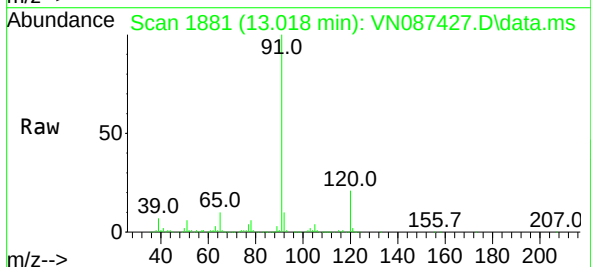
Instrument :
MSVOA_N
ClientSampleId :

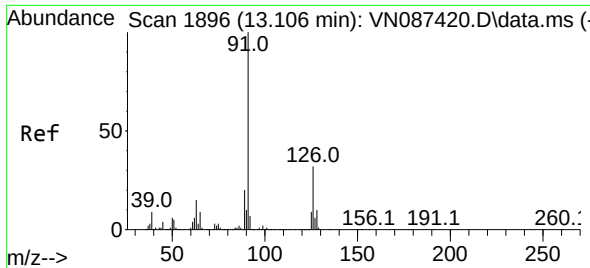
Tgt Ion:	156	Resp:	97430
Ion Ratio	Lower	Upper	
156	100		
77	238.0	0.0	483.0
158	96.7	0.0	195.0



#74
n-propylbenzene
Concen: 18.427 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:	91	Resp:	529758
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	44.0

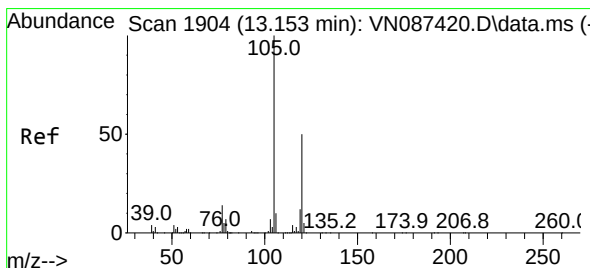
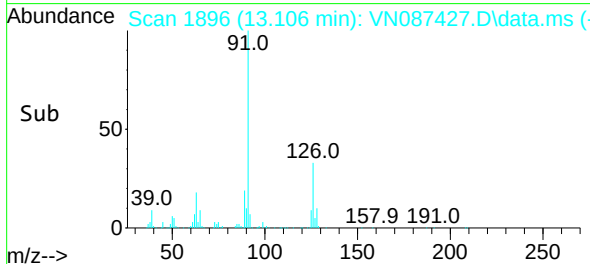
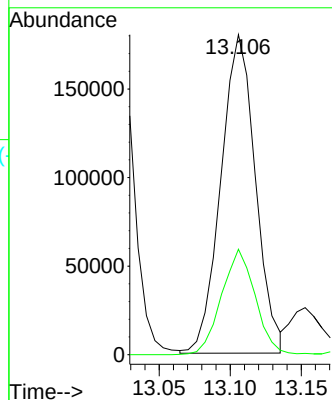
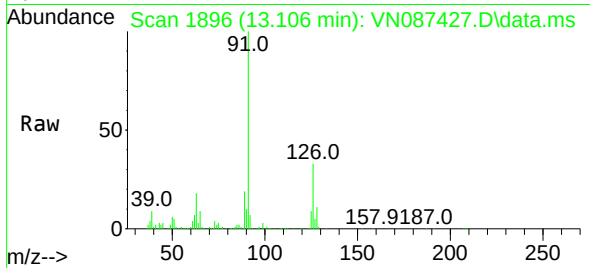




#75
2-Chlorotoluene
Concen: 17.862 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

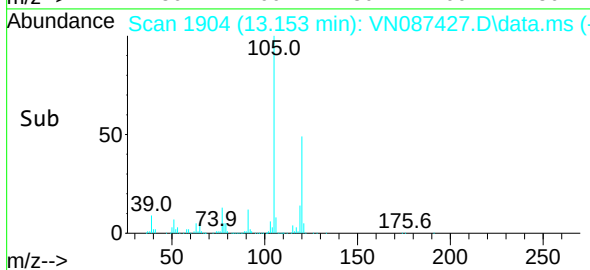
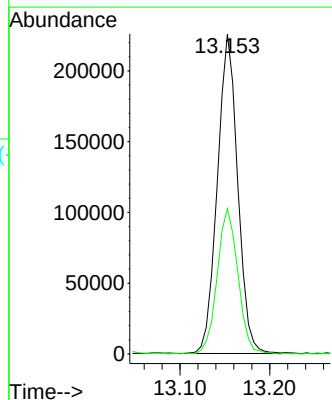
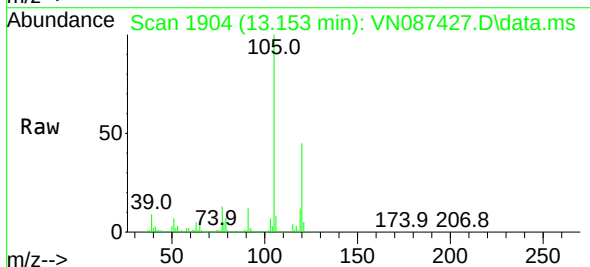
Instrument :
MSVOA_N
ClientSampleId :

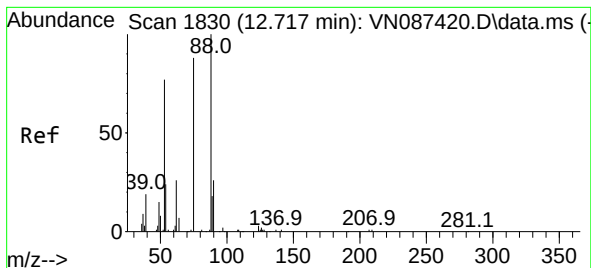
Tgt Ion: 91 Resp: 304751
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 18.382 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 105 Resp: 354584
Ion Ratio Lower Upper
105 100
120 46.4 0.0 97.0

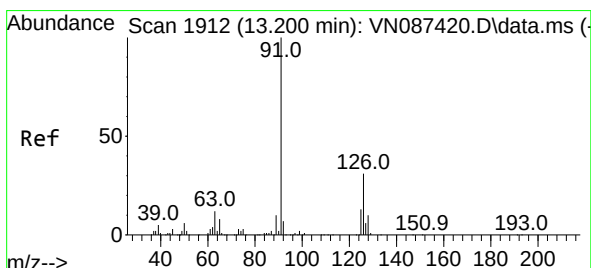
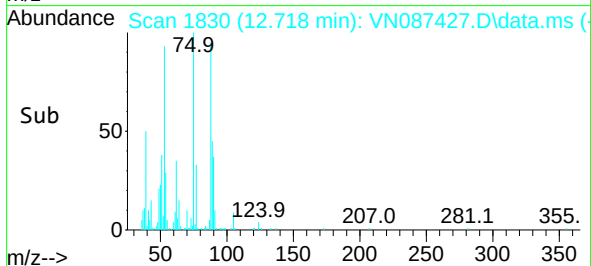
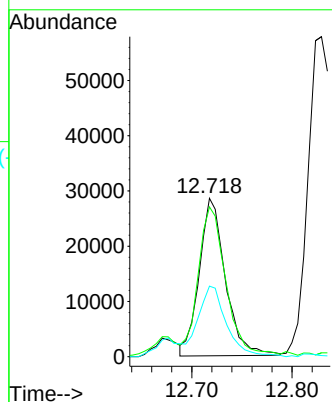
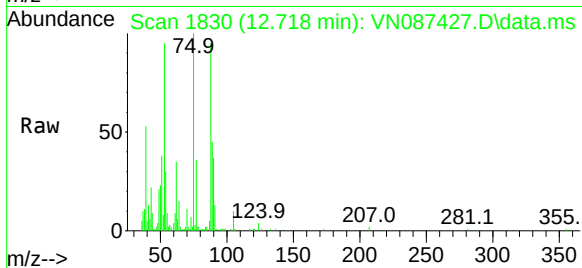




#77
t-1,4-Dichloro-2-butene
Concen: 16.888 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

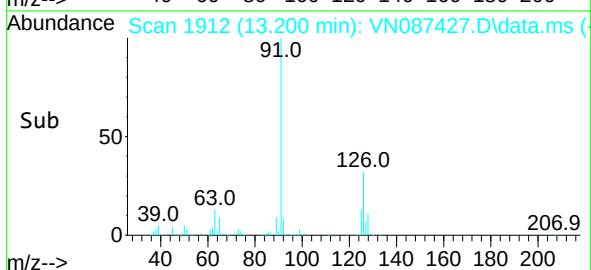
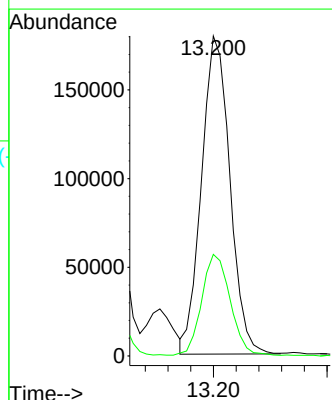
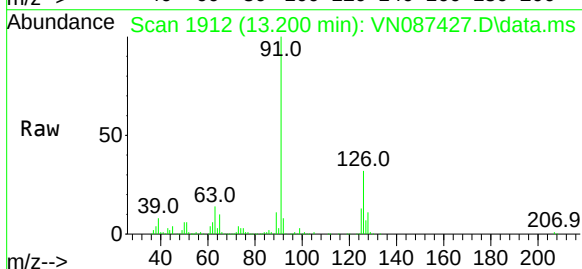
Instrument :
MSVOA_N
ClientSampleId :

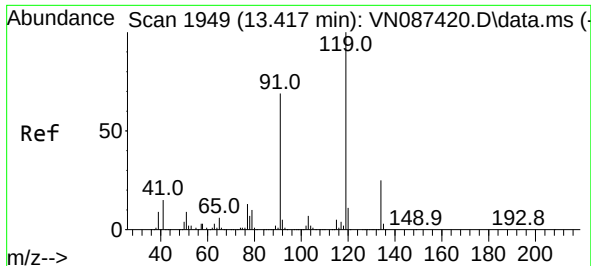
Tgt Ion: 75 Resp: 51754
Ion Ratio Lower Upper
75 100
53 94.6 44.3 132.8
89 44.5 22.4 67.3



#78
4-Chlorotoluene
Concen: 17.768 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion: 91 Resp: 311288
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.4

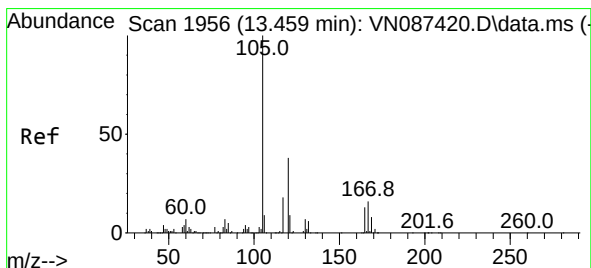
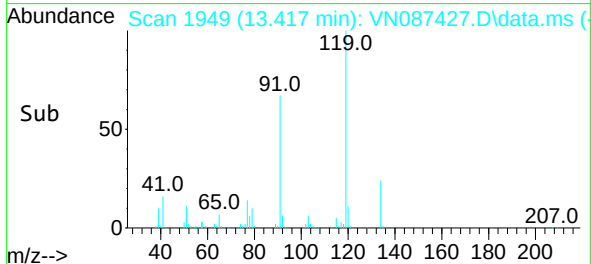
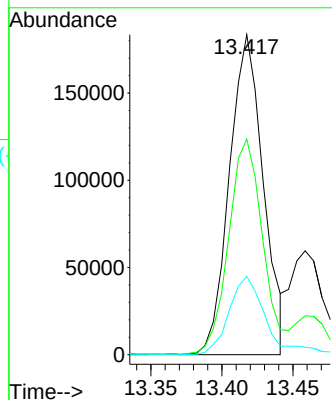
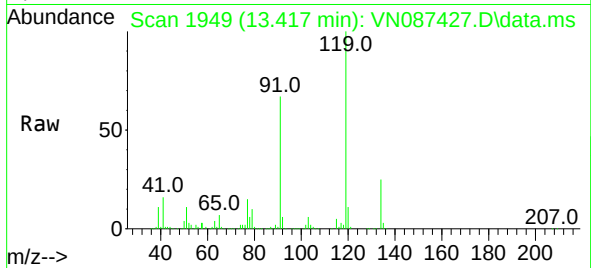




#79
tert-butylbenzene
Concen: 18.314 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

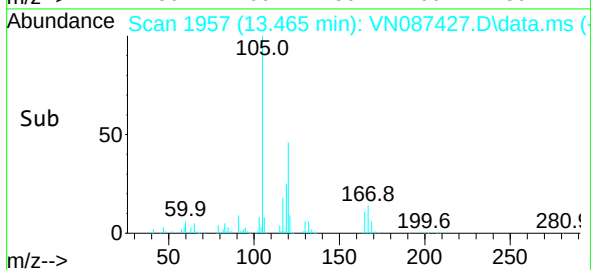
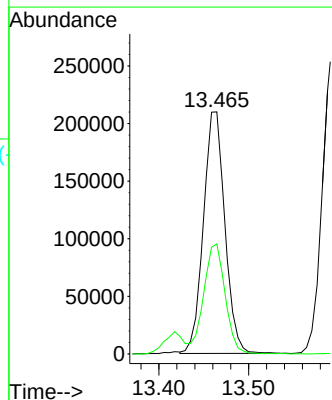
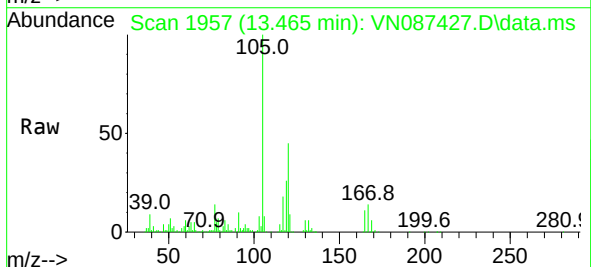
Instrument :
MSVOA_N
ClientSampleId :

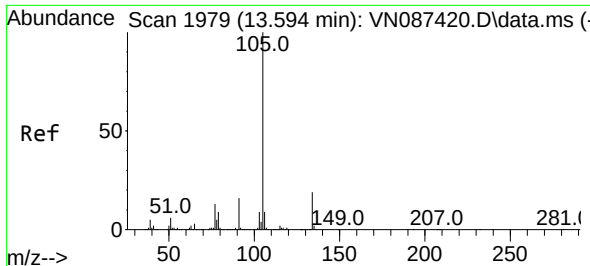
Tgt Ion:119 Resp: 305198
Ion Ratio Lower Upper
119 100
91 67.9 0.0 135.4
134 24.7 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 18.209 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:105 Resp: 348541
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.6

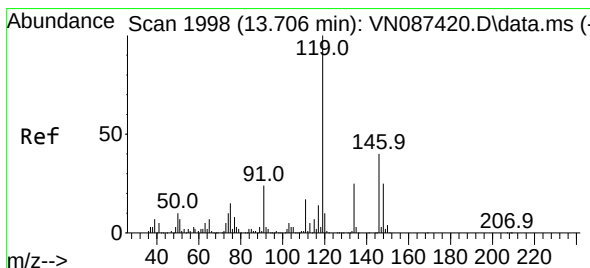
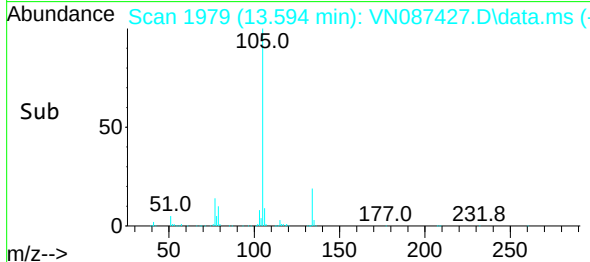
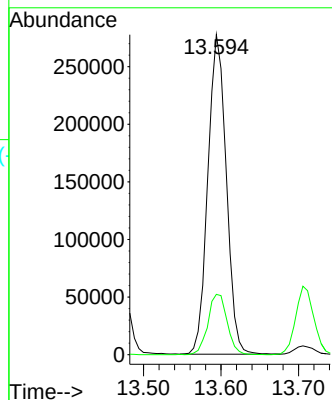
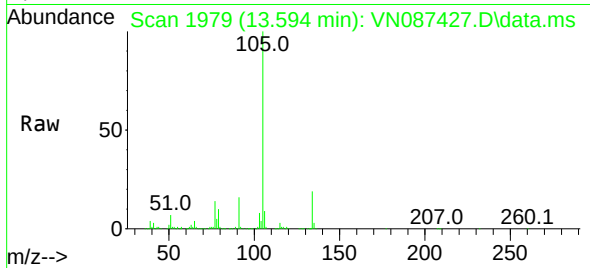




#81
 sec-Butylbenzene
 Concen: 18.501 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

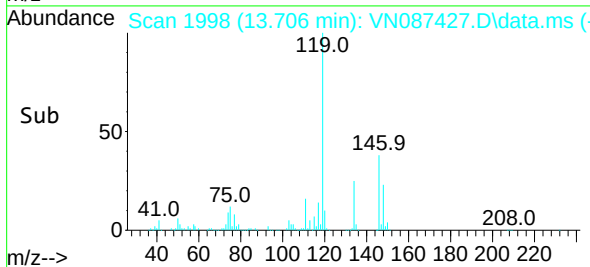
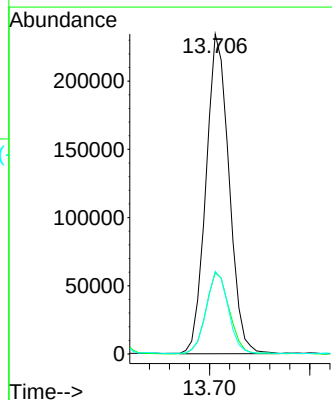
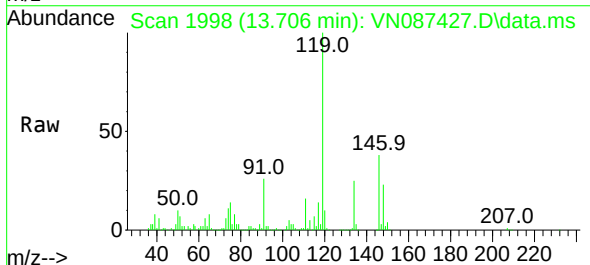
Instrument :
 MSVOA_N
 ClientSampleId :

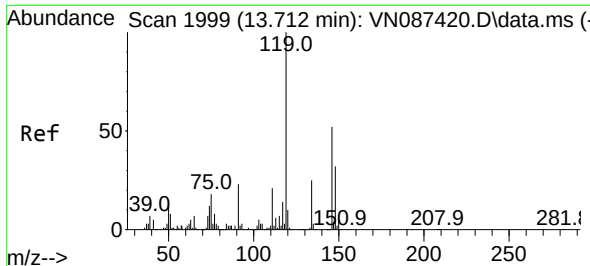
Tgt Ion:105 Resp: 457951
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.653 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

Tgt Ion:119 Resp: 374764
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 24.2 0.0 47.6

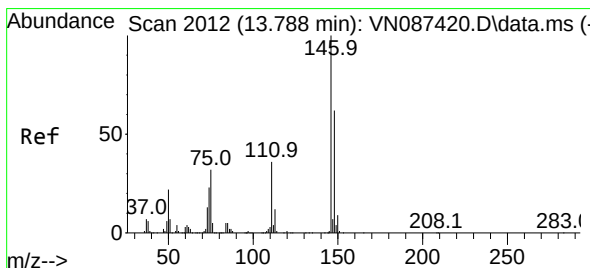
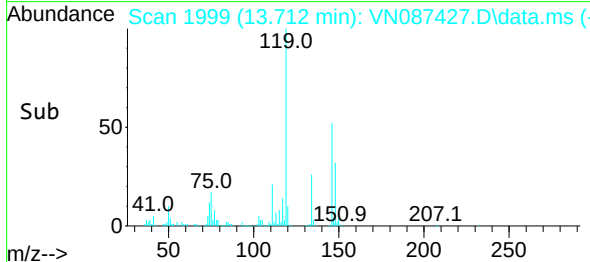
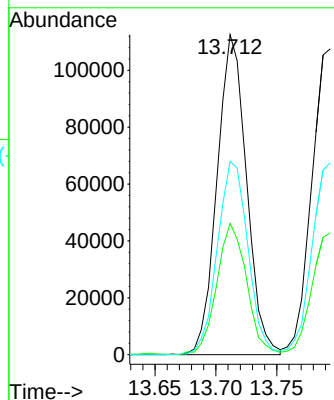
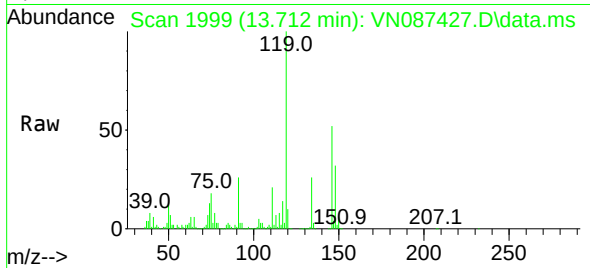




#83
 1,3-Dichlorobenzene
 Concen: 18.485 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

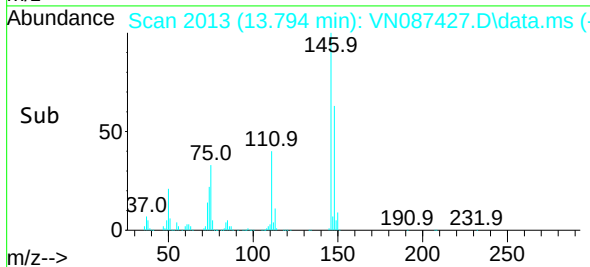
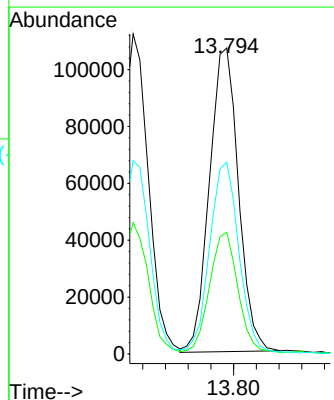
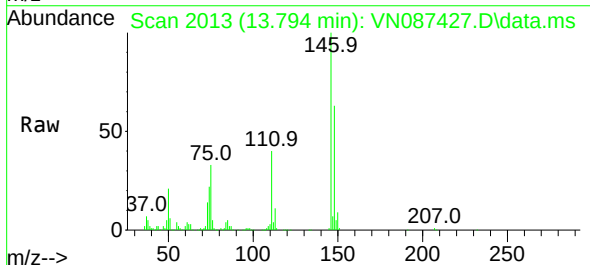
Instrument :
 MSVOA_N
 ClientSampleId :

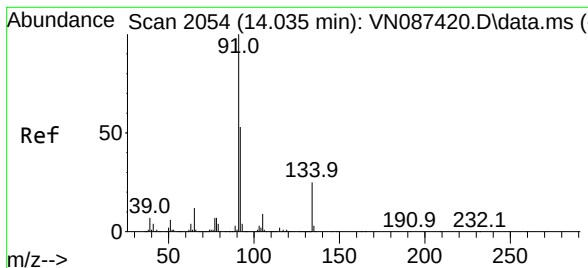
Tgt Ion:146 Resp: 189259
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.9 59.7
 148 62.9 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 17.703 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

Tgt Ion:146 Resp: 189537
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.3
 148 64.4 31.4 94.2





#85

n-Butylbenzene

Concen: 18.642 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087427.D

Acq: 28 Jul 2025 13:01

Instrument :

MSVOA_N

ClientSampleId :

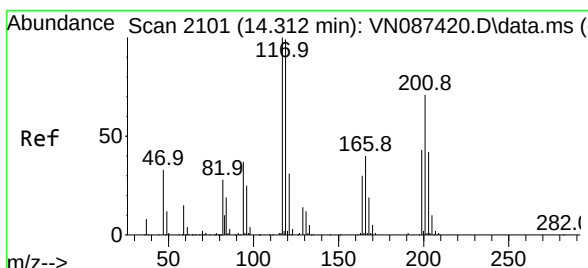
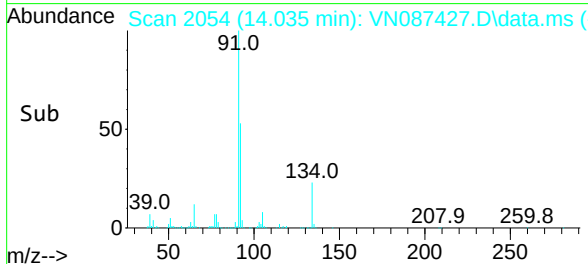
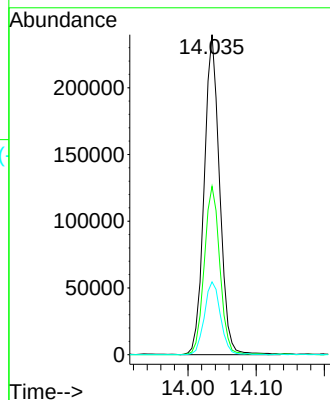
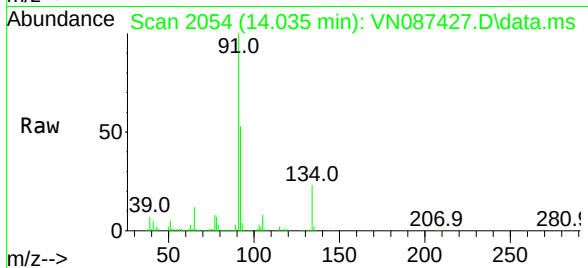
Tgt Ion: 91 Resp: 377205

Ion Ratio Lower Upper

91 100

92 52.9 0.0 104.8

134 23.7 0.0 49.0



#86

Hexachloroethane

Concen: 18.220 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087427.D

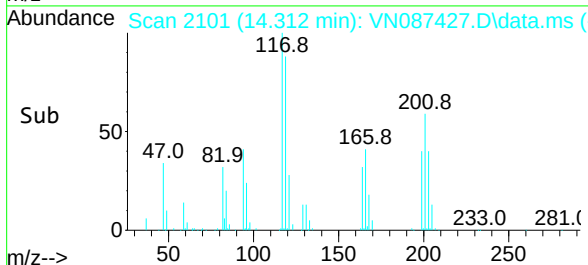
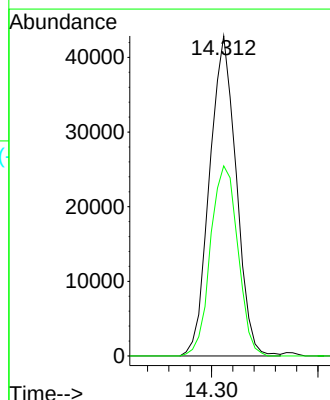
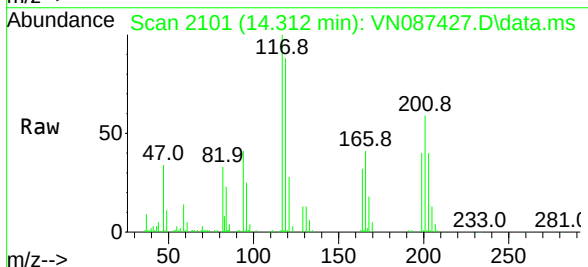
Acq: 28 Jul 2025 13:01

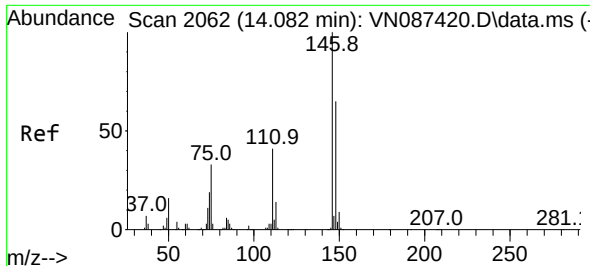
Tgt Ion: 117 Resp: 74347

Ion Ratio Lower Upper

117 100

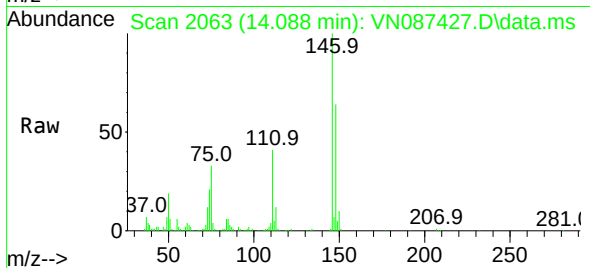
201 61.1 32.7 98.1



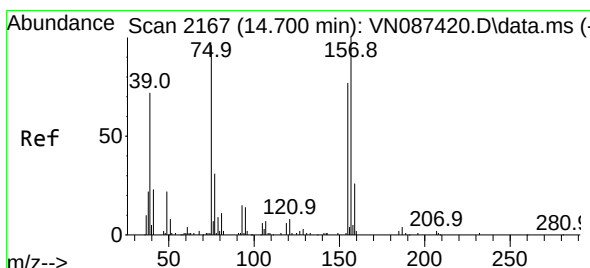
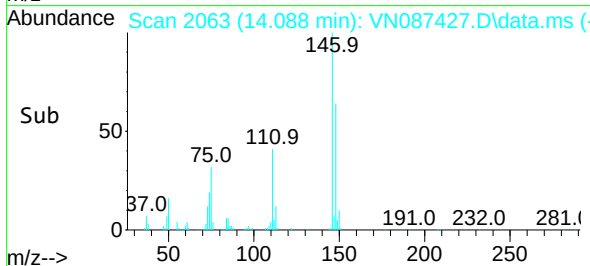
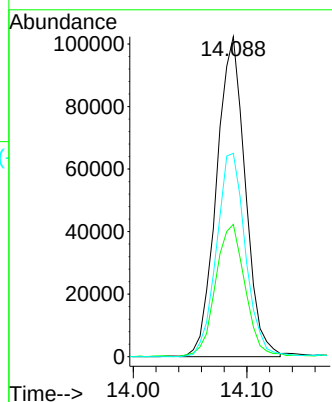


#87
 1,2-Dichlorobenzene
 Concen: 18.043 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

Instrument :
 MSVOA_N
 ClientSampleId :

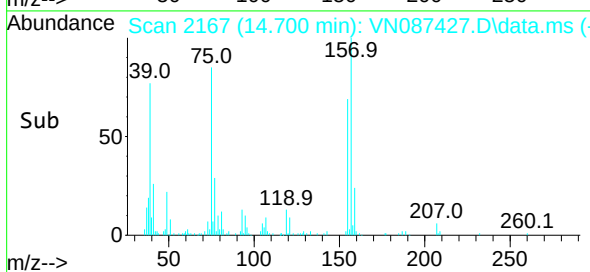
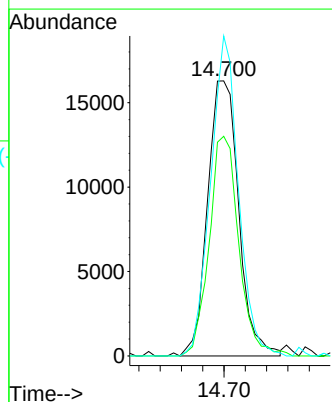
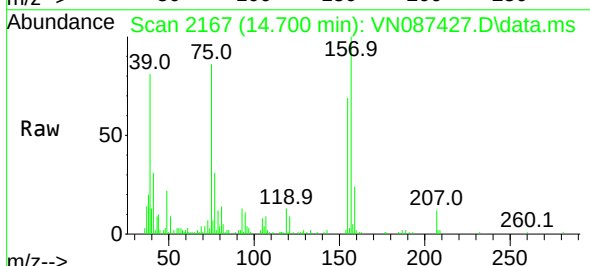


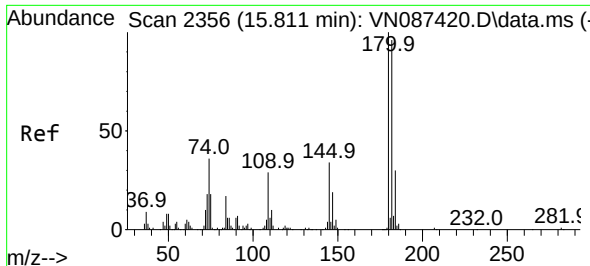
Tgt Ion:146 Resp: 179575
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.6 61.9
 148 64.3 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.989 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087427.D
 Acq: 28 Jul 2025 13:01

Tgt Ion: 75 Resp: 32966
 Ion Ratio Lower Upper
 75 100
 155 75.5 64.4 96.6
 157 104.5 82.3 123.5

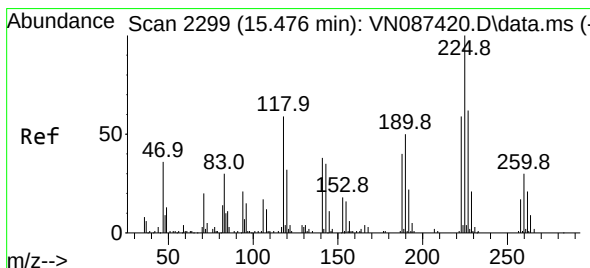
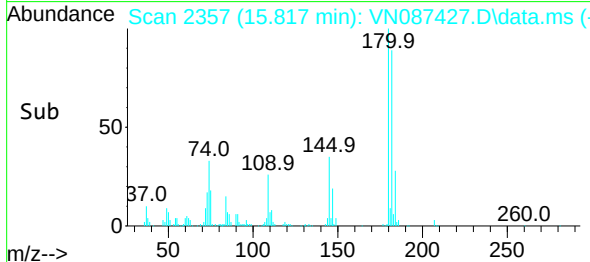
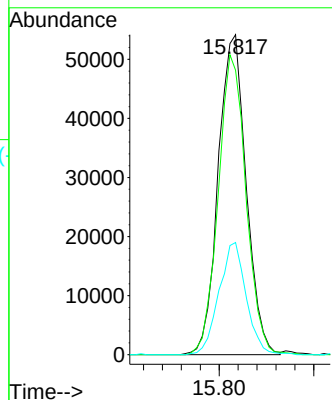
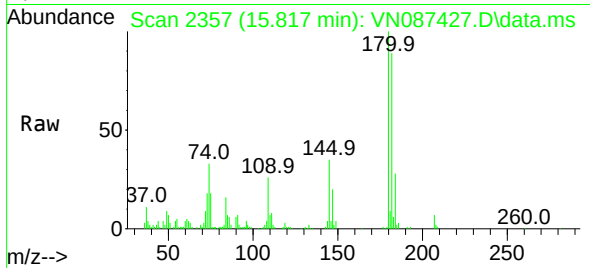




#89
1,2,4-Trichlorobenzene
Concen: 18.313 ug/l
RT: 15.817 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

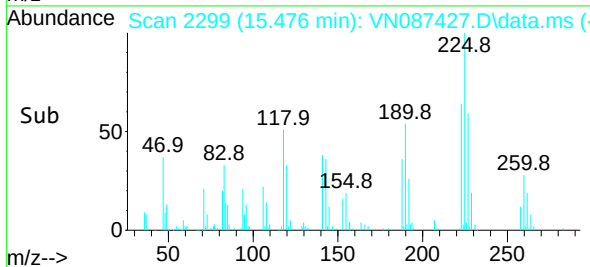
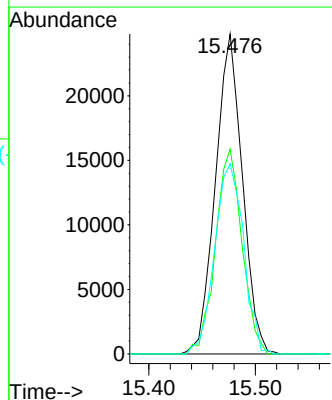
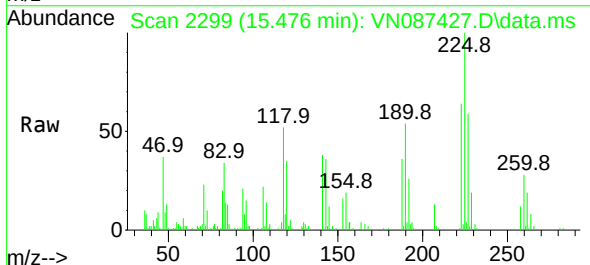
Instrument :
MSVOA_N
ClientSampleId :

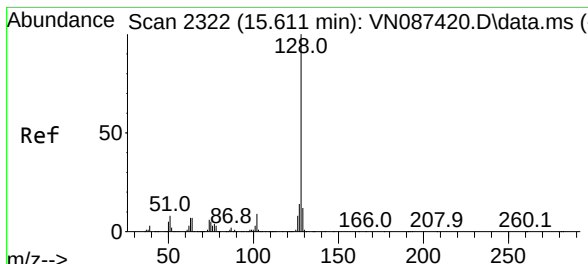
Tgt Ion:180 Resp: 111169
Ion Ratio Lower Upper
180 100
182 93.0 74.7 112.1
145 34.0 27.4 41.2



#90
Hexachlorobutadiene
Concen: 18.811 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:225 Resp: 43477
Ion Ratio Lower Upper
225 100
223 63.3 0.0 125.4
227 63.5 0.0 125.0

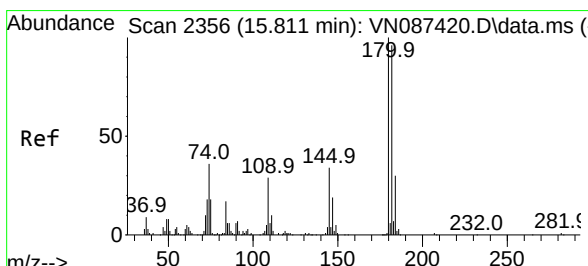
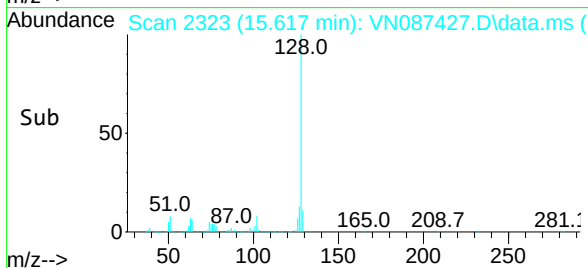
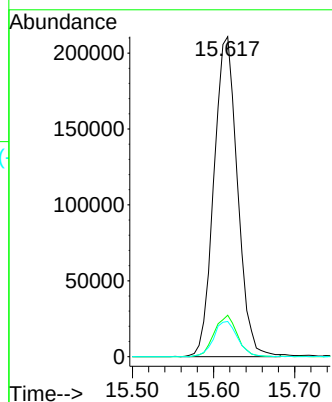
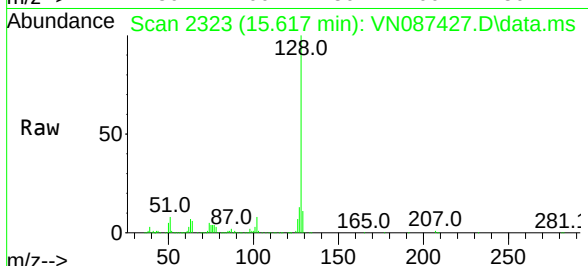




#91
Naphthalene
Concen: 18.564 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp: 425912
Ion Ratio	Lower Upper
128 100	
127 12.7	10.7 16.1
129 11.3	9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 18.313 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087427.D
Acq: 28 Jul 2025 13:01

Tgt Ion:180	Resp:	111169	
Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	186.8
145	34.0	0.0	68.6

