

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087435.D
 Acq On : 28 Jul 2025 16:34
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 01:11:25 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	60635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	332596	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	302118	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	140690	30.343	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.133%	
60) 4-Bromofluorobenzene	12.829	95	146039	29.436	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.133%	
63) Toluene-d8	10.547	98	414458	29.872	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.567%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	72163	20.398	ug/l	93
3) Chloromethane	2.383	50	77245	20.569	ug/l	97
4) Vinyl Chloride	2.542	62	74730	19.668	ug/l	91
5) Bromomethane	2.989	94	21170	11.425	ug/l	93
6) Chloroethane	3.142	64	44040	20.550	ug/l	98
7) Trichlorofluoromethane	3.512	101	99488	20.812	ug/l	99
8) Diethyl Ether	3.965	74	42871	21.488	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	52915	20.292	ug/l	39
10) 1,1-Dichloroethene	4.330	96	56467	21.768	ug/l	91
11) Methyl Iodide	4.571	142	31816	13.546	ug/l	94
12) Methyl Acetate	5.018	43	122526	21.663	ug/l	97
13) Acrolein	4.177	56	49828	108.024	ug/l	100
14) Acrylonitrile	5.706	53	259048	105.625	ug/l	99
15) Acetone	4.424	58	66150	116.374	ug/l	84
16) Carbon Disulfide	4.706	76	175547	19.043	ug/l	98
17) Allyl chloride	5.012	41	113247	18.737	ug/l	98
18) Methylene Chloride	5.265	84	77780	19.917	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	69839	18.951	ug/l	98
20) Diisopropyl ether	6.665	45	286547	20.838	ug/l	99
21) 1,1-Dichloroethane	6.559	63	139066	19.953	ug/l	98
22) cis-1,2-Dichloroethene	7.477	96	87772	19.596	ug/l	98
23) tert-Butyl Alcohol	5.530	59	104848	110.296	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	261439	20.314	ug/l	98
25) Chloroform	7.947	83	141695	20.137	ug/l	98
26) Cyclohexane	8.241	56	123970	19.259	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	96663	20.473	ug/l	97
30) 2-Butanone	7.471	43	389110	113.748	ug/l	98
31) 2,2-Dichloropropane	7.477	77	118579	20.155	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	116623	20.549	ug/l	98
33) Carbon Tetrachloride	8.347	117	92438	19.753	ug/l	95
34) Benzene	8.588	78	305967	19.813	ug/l	98
35) Methacrylonitrile	7.765	41	82933	21.164	ug/l	93
36) 1,2-Dichloroethane	8.653	62	109920	21.388	ug/l #	93
37) Trichloroethene	9.330	130	69281	19.654	ug/l	99
38) Methylcyclohexane	9.583	83	117022	19.217	ug/l	99
39) 1,2-Dichloropropane	9.606	63	79826	20.532	ug/l	95
40) Dibromomethane	9.694	93	56603	20.523	ug/l	97
41) Bromodichloromethane	9.871	83	114153	20.566	ug/l	92
42) Vinyl Acetate	6.589	43	1314693	114.201	ug/l	96

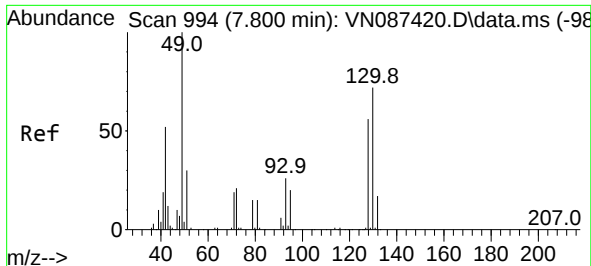
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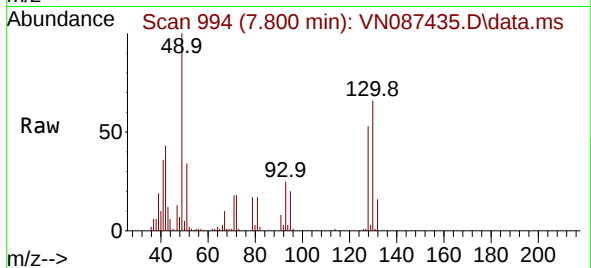
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	150237	21.424	ug/l	# 67
44) Isopropyl Acetate	8.677	43	244882	21.858	ug/l	96
45) 1,4-Dioxane	9.683	88	29840	419.795	ug/l	94
46) Methyl methacrylate	9.665	41	108628	20.824	ug/l	92
48) t-1,3-Dichloropropene	10.818	75	125872	20.143	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	133416	20.329	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	75949	20.688	ug/l	97
51) Ethyl methacrylate	10.859	69	132308	19.901	ug/l	91
52) 1,3-Dichloropropane	11.141	76	131001	20.647	ug/l	98
53) Dibromochloromethane	11.341	129	85994	20.422	ug/l	96
54) 1,2-Dibromoethane	11.447	107	78570	20.340	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	367549	134.460	ug/l	99
56) Bromoform	12.559	173	54106	18.310	ug/l	98
58) 4-Methyl-2-Pentanone	10.430	43	759073	111.545	ug/l	99
59) 2-Hexanone	11.182	43	493203	104.581	ug/l	100
61) Tetrachloroethene	11.088	164	53788	18.752	ug/l	98
62) Toluene	10.612	91	336994	19.765	ug/l	100
64) Chlorobenzene	11.871	112	205875	19.634	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	68653	19.309	ug/l	96
66) Ethyl Benzene	11.947	91	369620	19.842	ug/l	99
67) m/p-Xylenes	12.053	106	278518	39.903	ug/l	98
68) o-Xylene	12.376	106	134092	19.631	ug/l	97
69) Styrene	12.394	104	224805	19.241	ug/l	98
70) Isopropylbenzene	12.676	105	347281	19.798	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	122643	20.504	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	145373	26.719	ug/l	73
73) Bromobenzene	12.965	156	78438	19.245	ug/l	96
74) n-propylbenzene	13.018	91	427870	19.756	ug/l	99
75) 2-Chlorotoluene	13.106	91	248409	19.327	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	287479	19.782	ug/l	99
77) t-1,4-Dichloro-2-butene	12.724	75	29797	12.906	ug/l	90
78) 4-Chlorotoluene	13.200	91	256473	19.432	ug/l	99
79) tert-butylbenzene	13.418	119	245925	19.589	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	289712	20.091	ug/l	100
81) sec-Butylbenzene	13.594	105	367695	19.718	ug/l	99
82) p-Isopropyltoluene	13.706	119	303000	20.019	ug/l	99
83) 1,3-Dichlorobenzene	13.718	146	152185	19.731	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	154414	19.145	ug/l	99
85) n-Butylbenzene	14.035	91	302344	19.834	ug/l	99
86) Hexachloroethane	14.312	117	53562	17.424	ug/l	99
87) 1,2-Dichlorobenzene	14.088	146	145662	19.427	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	27512	19.928	ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	85496	18.695	ug/l	98
90) Hexachlorobutadiene	15.476	225	33584	19.288	ug/l	97
91) Naphthalene	15.617	128	345995	20.018	ug/l	98
92) 1,2,3-Trichlorobenzene	15.817	180	85496	18.695	ug/l	98

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

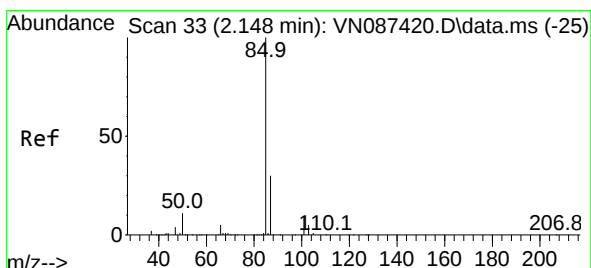
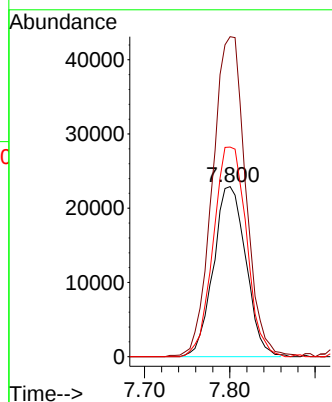
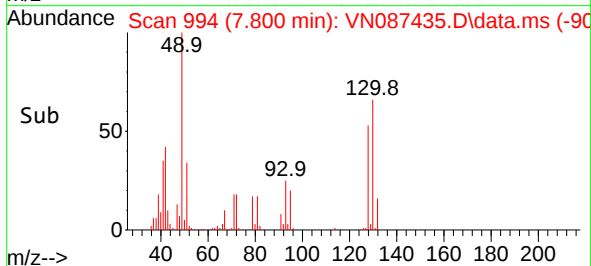


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :

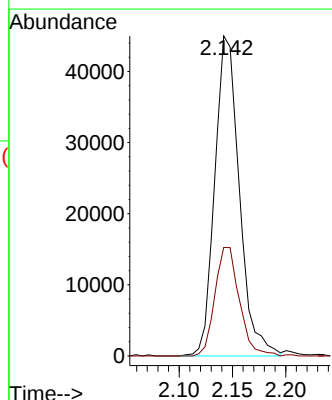
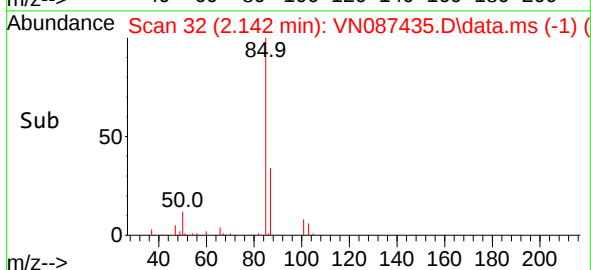
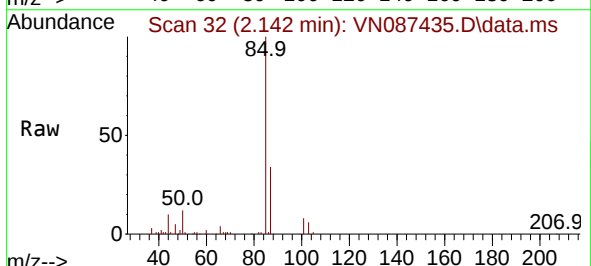


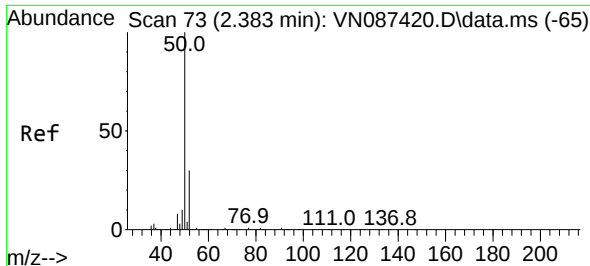
Tgt Ion:128 Resp: 60635
Ion Ratio Lower Upper
128 100
49 192.3 0.0 457.3
130 125.9 0.0 316.0



#2
Dichlorodifluoromethane
Concen: 20.398 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 85 Resp: 72163
Ion Ratio Lower Upper
85 100
87 33.9 15.0 45.1

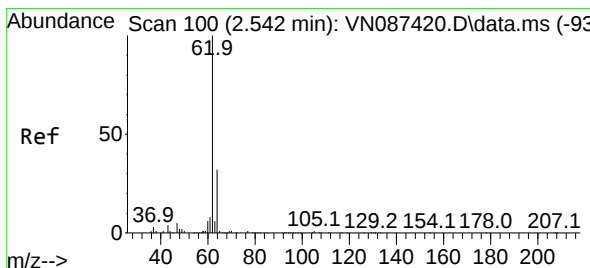
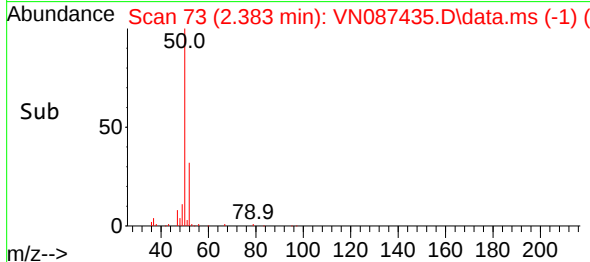
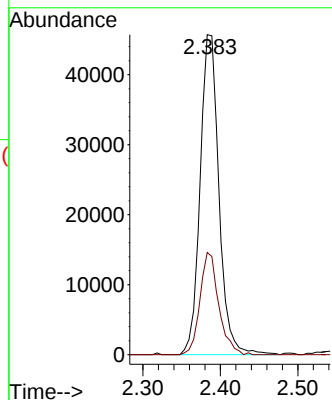
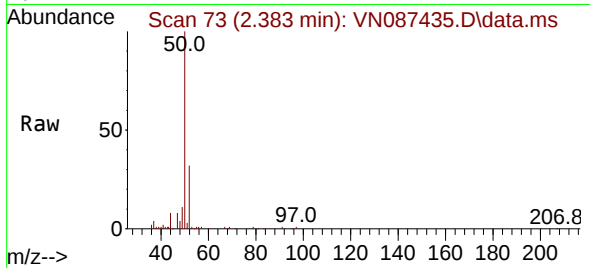




#3
Chloromethane
Concen: 20.569 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

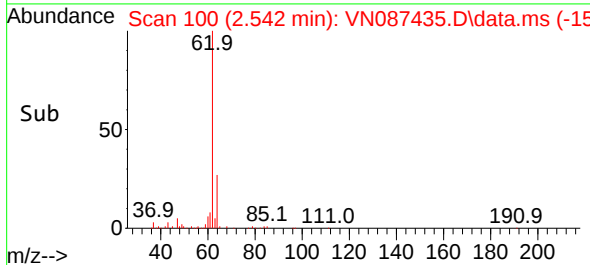
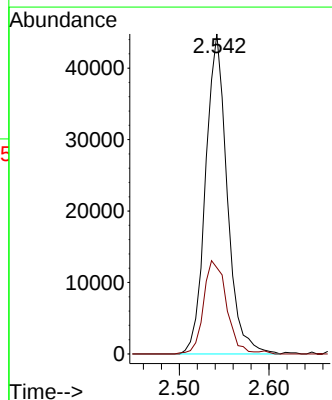
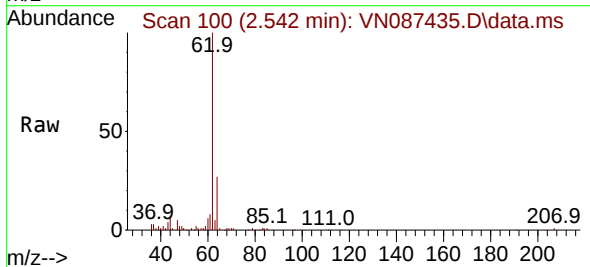
Instrument :
MSVOA_N
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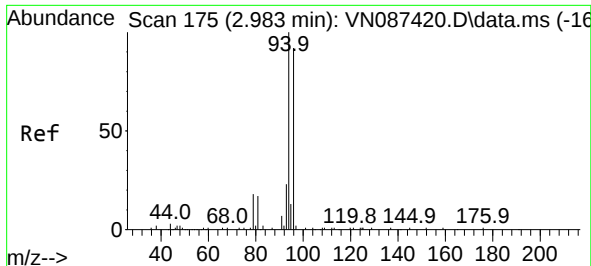
Tgt Ion: 50 Resp: 77245
Ion Ratio Lower Upper
50 100
52 31.9 24.3 36.5



#4
Vinyl Chloride
Concen: 19.668 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 62 Resp: 74730
Ion Ratio Lower Upper
62 100
64 26.9 25.6 38.4

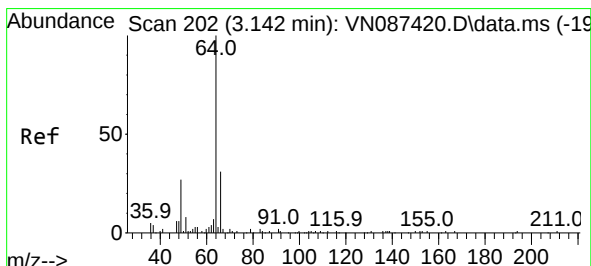
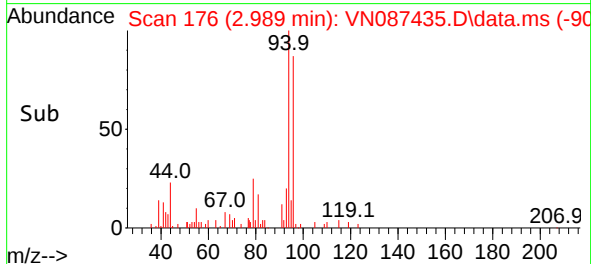
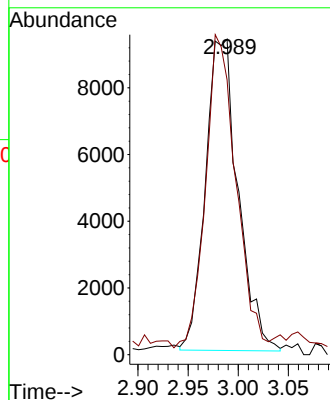
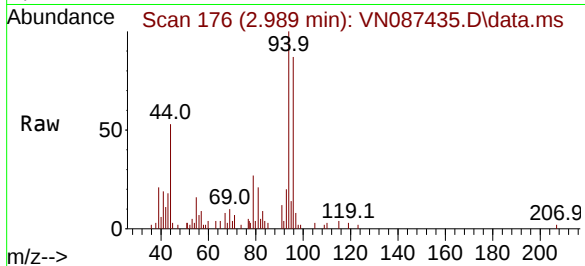




#5
Bromomethane
Concen: 11.425 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

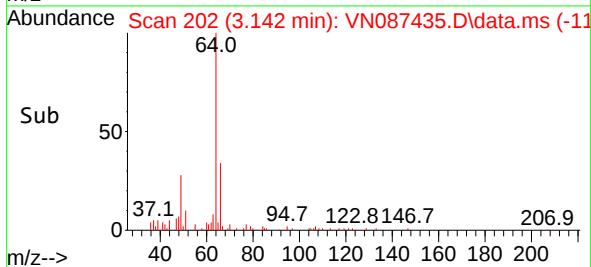
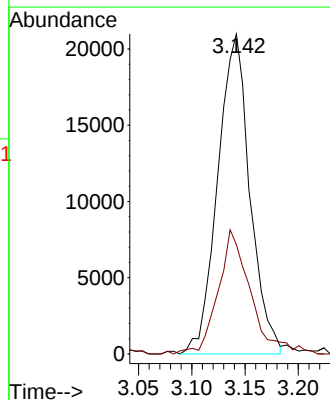
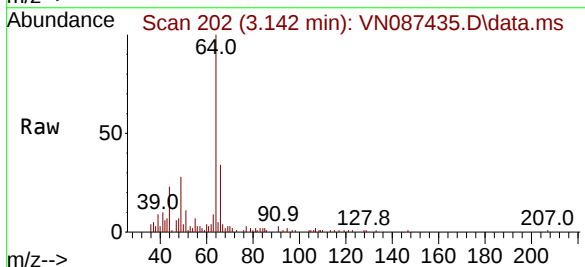
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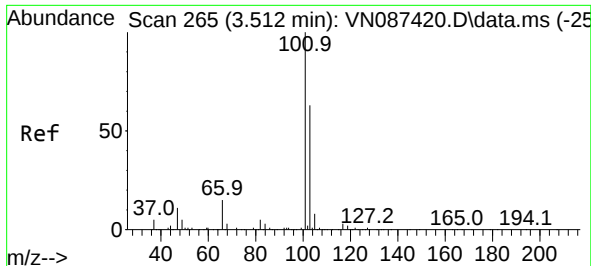
Tgt Ion: 94 Resp: 21170
Ion Ratio Lower Upper
94 100
96 84.6 73.2 109.8



#6
Chloroethane
Concen: 20.550 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 64 Resp: 44040
Ion Ratio Lower Upper
64 100
66 33.3 25.6 38.4

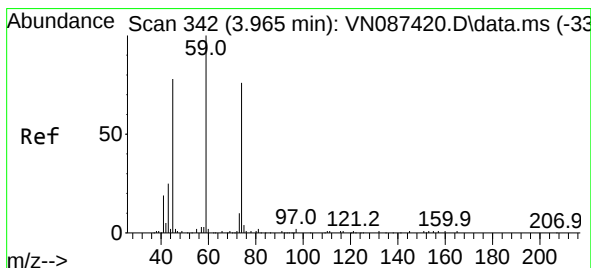
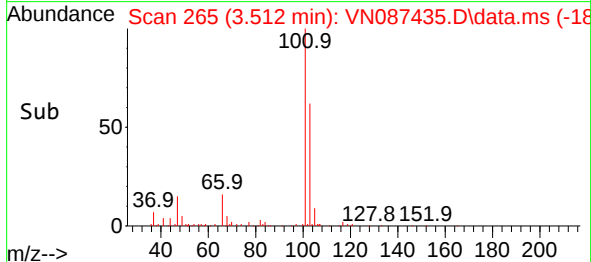
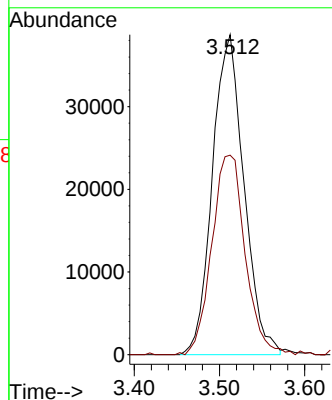
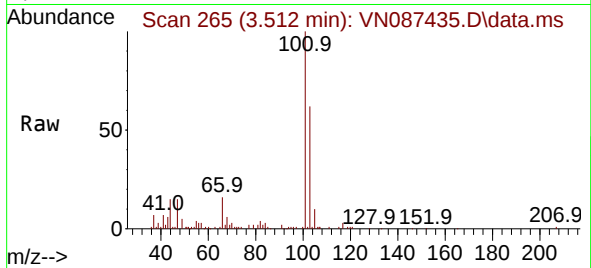




#7
 Trichlorofluoromethane
 Concen: 20.812 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

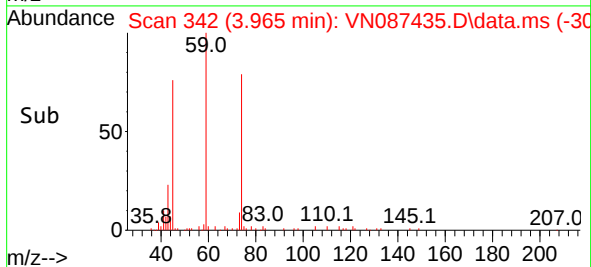
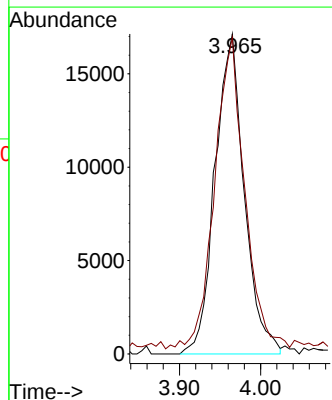
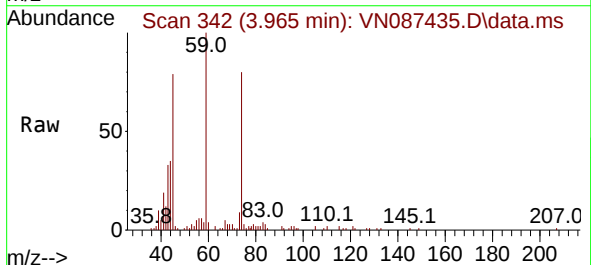
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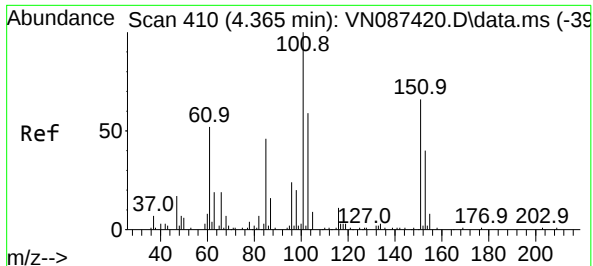
Tgt Ion:101 Resp: 99488
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.0 75.0



#8
 Diethyl Ether
 Concen: 21.488 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Tgt Ion: 74 Resp: 42871
 Ion Ratio Lower Upper
 74 100
 45 95.8 20.2 181.4

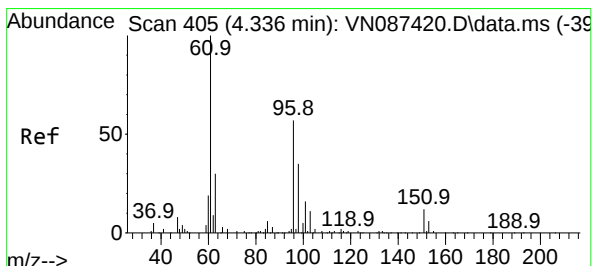
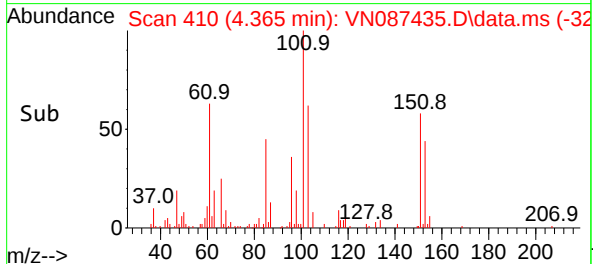
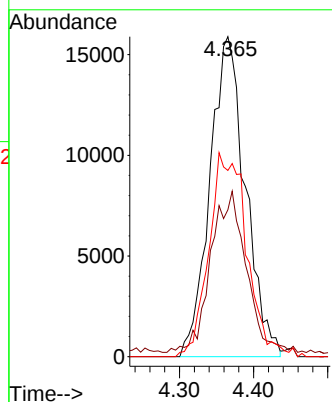
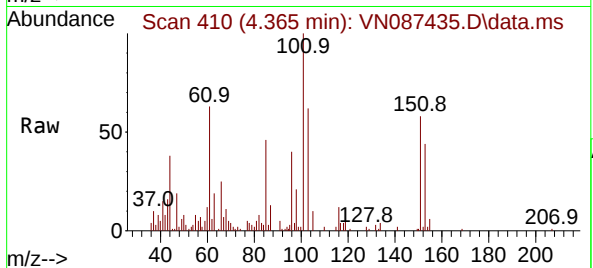




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.292 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

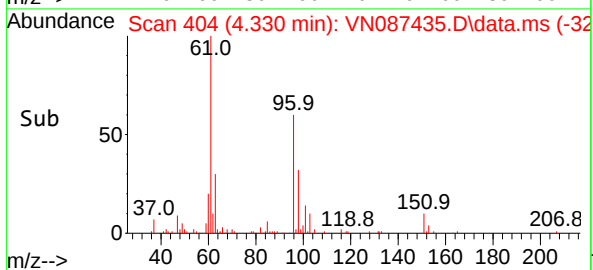
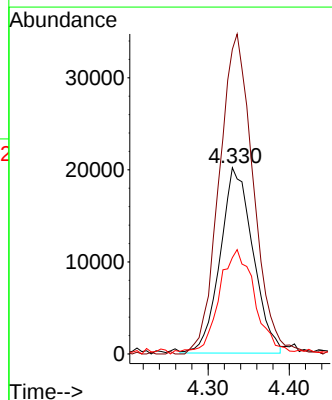
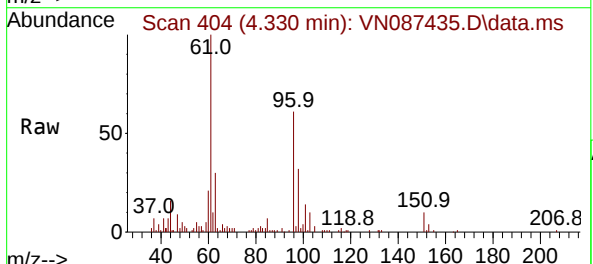
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 ClientSampleId :

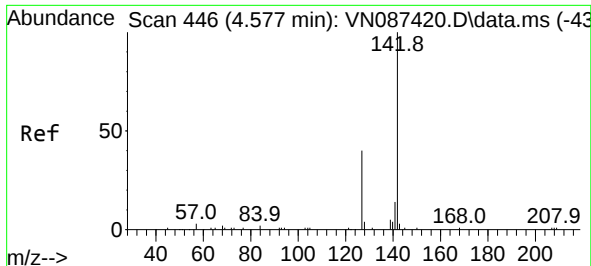
Tgt Ion:	101	Resp:	52915
Ion Ratio	Lower	Upper	
101	100		
85	30.2	0.0	101.2
151	0.9	0.0	140.6



#10
 1,1-Dichloroethene
 Concen: 21.768 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

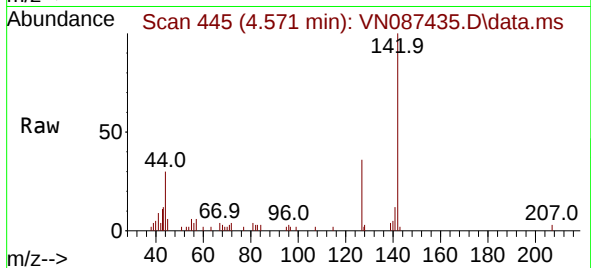
Tgt Ion:	96	Resp:	56467
Ion Ratio	Lower	Upper	
96	100		
61	165.7	140.4	210.6
98	51.0	49.6	74.4



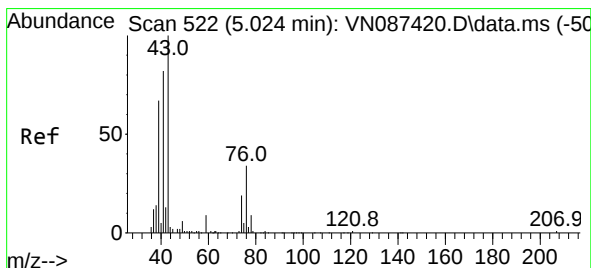
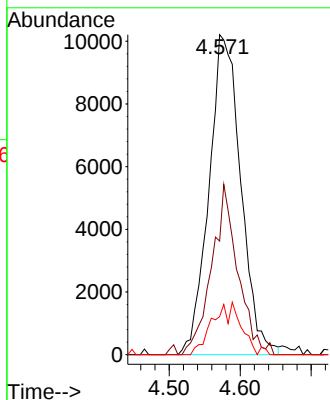
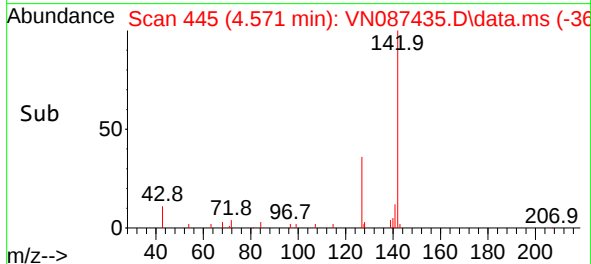


#11
Methyl Iodide
Concen: 13.546 ug/l
RT: 4.571 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :

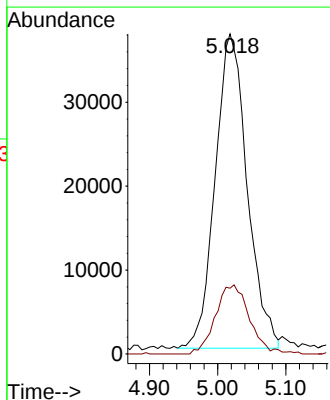
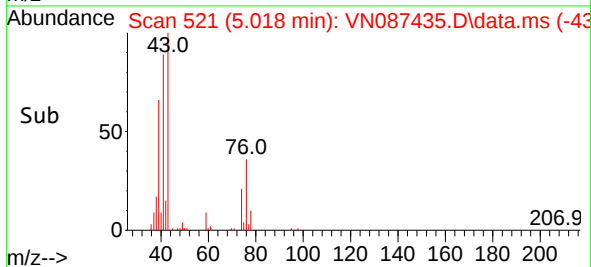
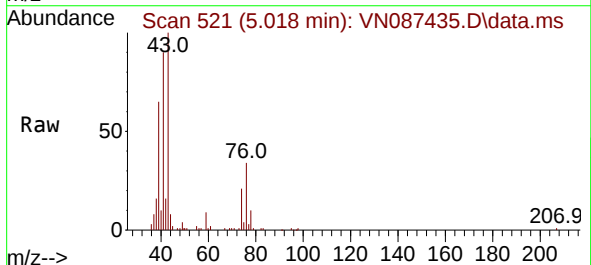


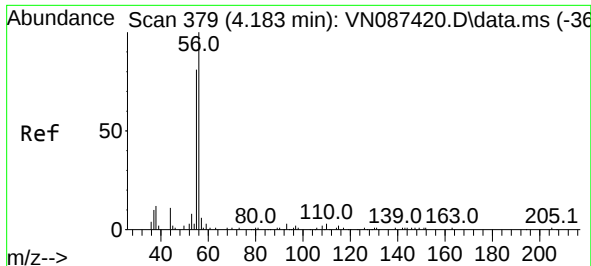
Tgt Ion:142 Resp: 31816
Ion Ratio Lower Upper
142 100
127 36.0 20.0 59.9
141 12.0 6.8 20.4



#12
Methyl Acetate
Concen: 21.663 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 43 Resp: 122526
Ion Ratio Lower Upper
43 100
74 20.5 15.4 23.0

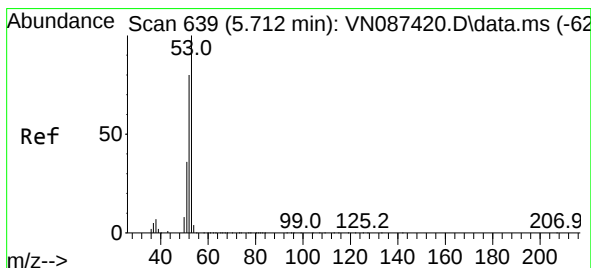
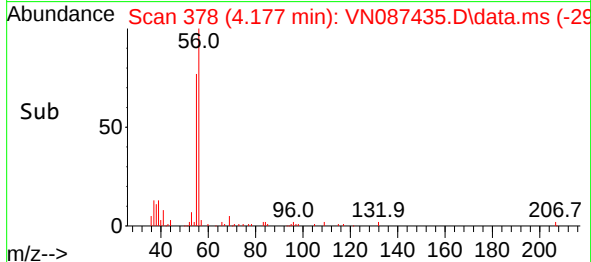
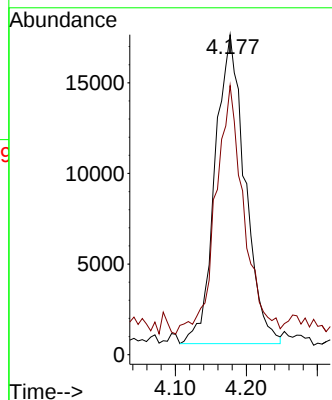
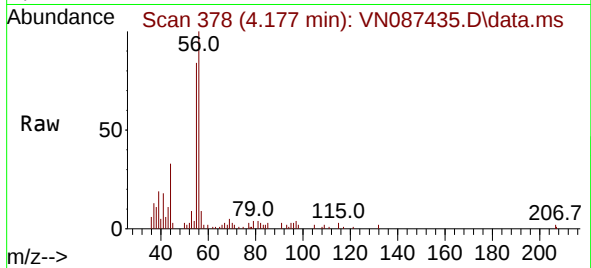




#13
Acrolein
Concen: 108.024 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

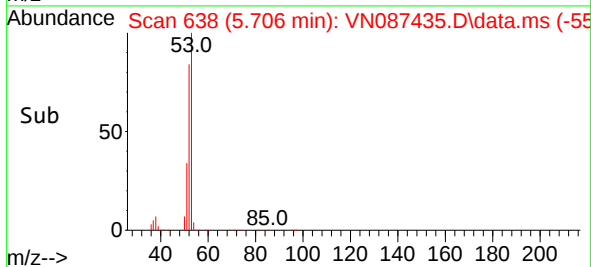
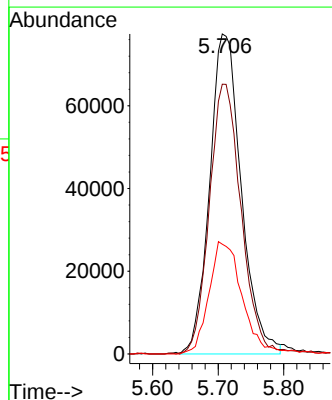
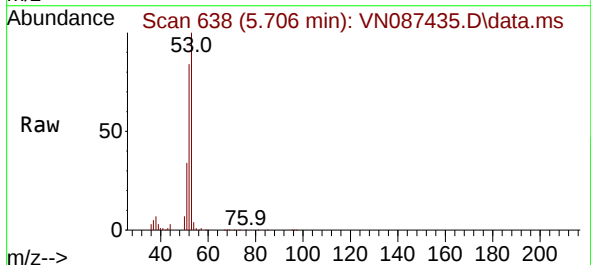
Instrument :
MSVOA_N
ClientSampleId :

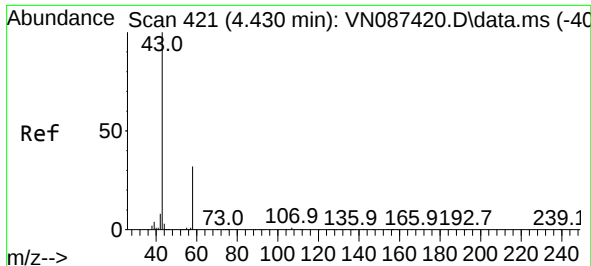
Tgt Ion: 56 Resp: 49828
Ion Ratio Lower Upper
56 100
55 73.9 58.9 88.3



#14
Acrylonitrile
Concen: 105.625 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 53 Resp: 259048
Ion Ratio Lower Upper
53 100
52 84.1 41.6 124.9
51 35.6 18.1 54.4

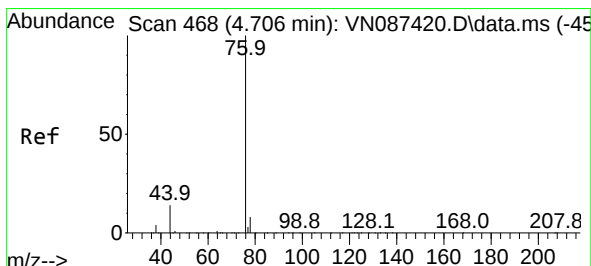
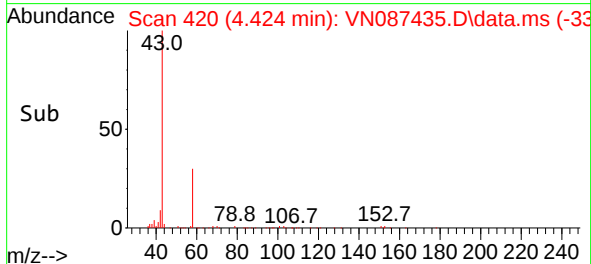
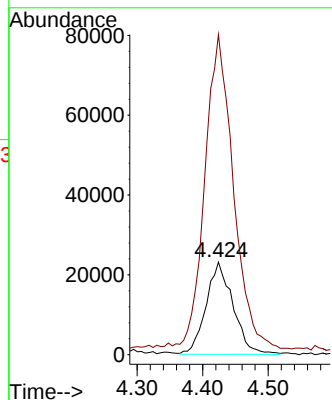
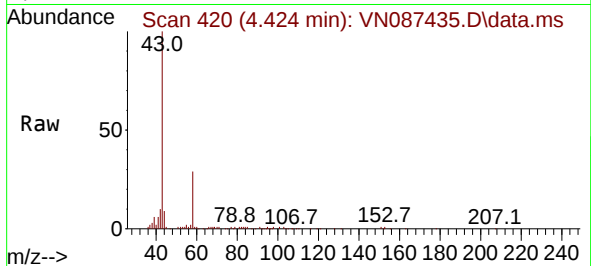




#15
Acetone
Concen: 116.374 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

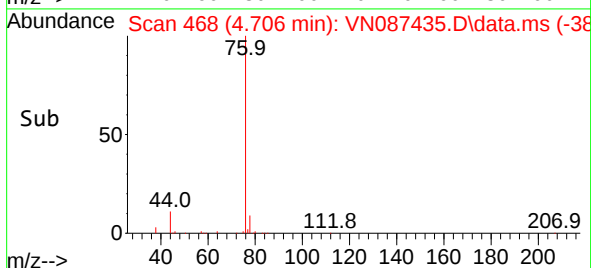
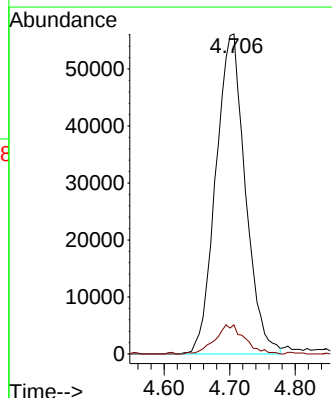
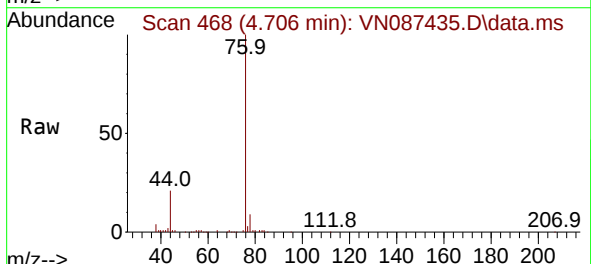
Instrument :
MSVOA_N
ClientSampleId :

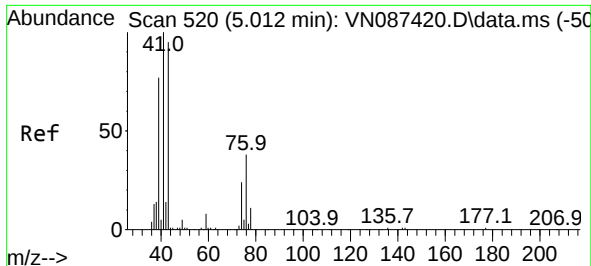
Tgt Ion: 58 Resp: 66150
Ion Ratio Lower Upper
58 100
43 343.1 248.4 372.6



#16
Carbon Disulfide
Concen: 19.043 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 76 Resp: 175547
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0

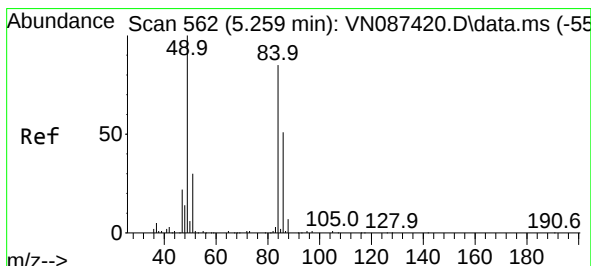
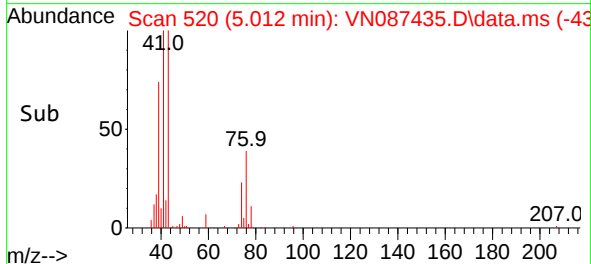
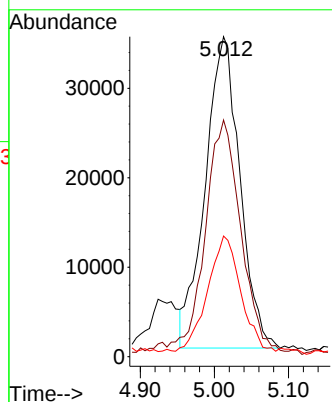
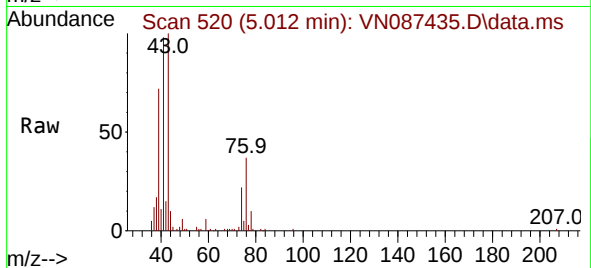




#17
 Allyl chloride
 Concen: 18.737 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

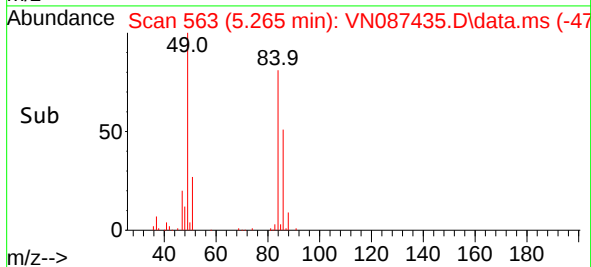
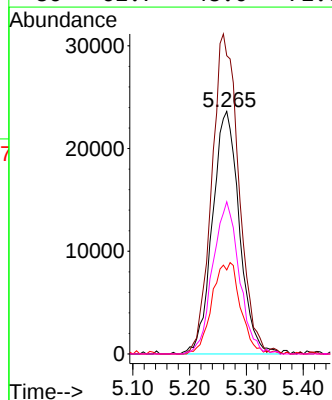
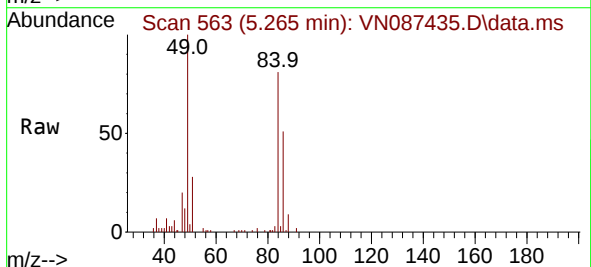
Instrument :
 MSVOA_N
 ClientSampleId :

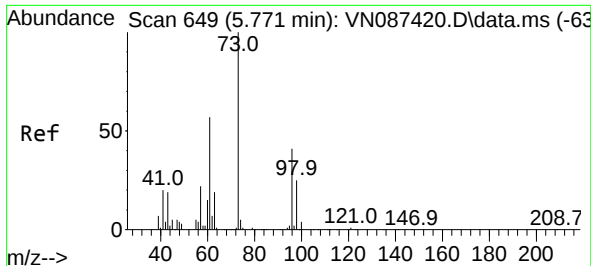
Tgt Ion: 41 Resp: 113247
 Ion Ratio Lower Upper
 41 100
 39 74.0 35.9 107.8
 76 36.0 17.5 52.5



#18
 Methylene Chloride
 Concen: 19.917 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Tgt Ion: 84 Resp: 77780
 Ion Ratio Lower Upper
 84 100
 49 123.0 93.5 140.3
 51 34.6 28.0 42.0
 86 62.7 48.0 72.0

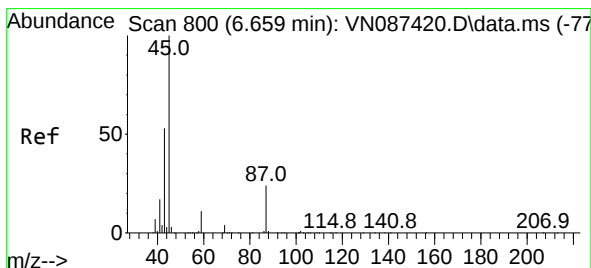
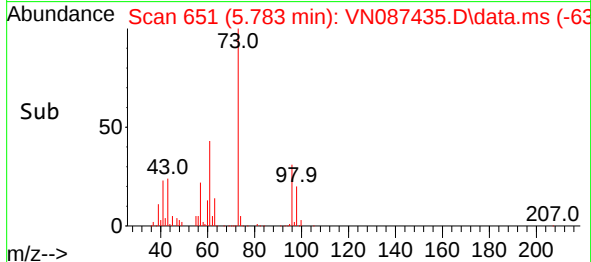
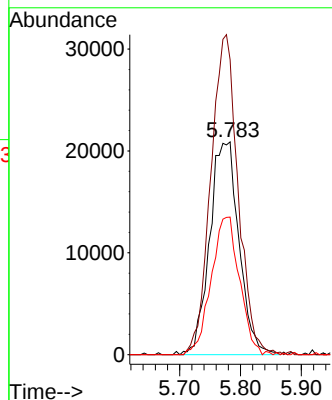
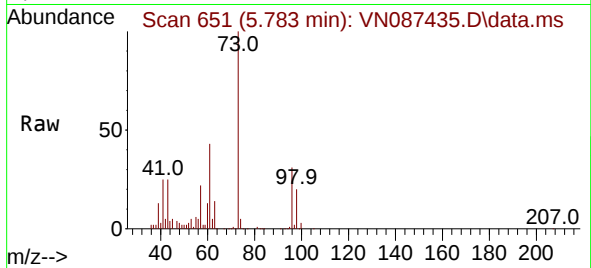




#19
trans-1,2-Dichloroethene
Concen: 18.951 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

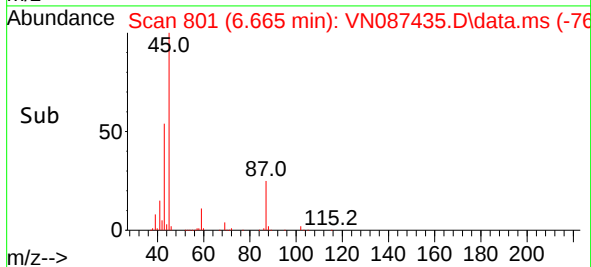
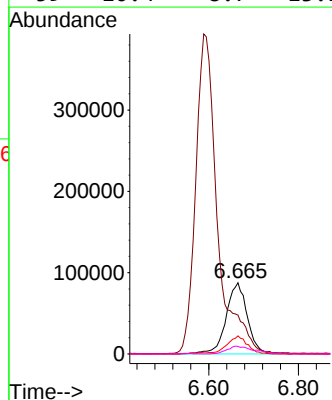
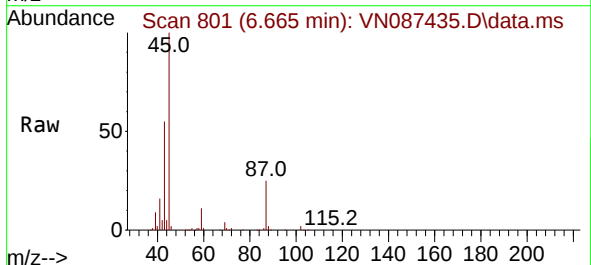
Instrument :
MSVOA_N
ClientSampleId :

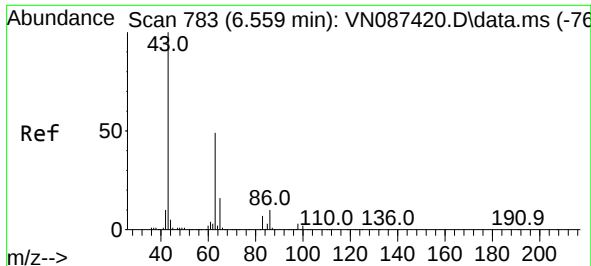
Tgt Ion: 96 Resp: 69839
Ion Ratio Lower Upper
96 100
61 138.6 110.2 165.4
98 64.7 47.9 71.9



#20
Diisopropyl ether
Concen: 20.838 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 45 Resp: 286547
Ion Ratio Lower Upper
45 100
43 53.1 42.7 64.1
87 25.3 19.4 29.0
59 10.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.953 ug/l

RT: 6.559 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

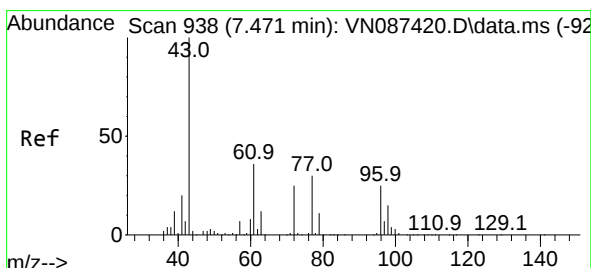
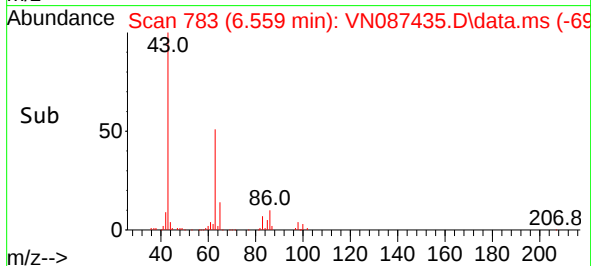
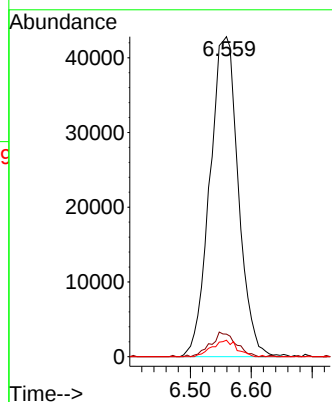
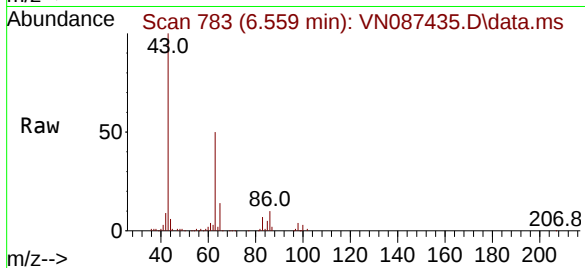
Tgt Ion: 63 Resp: 139066

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

100 5.2 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.596 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

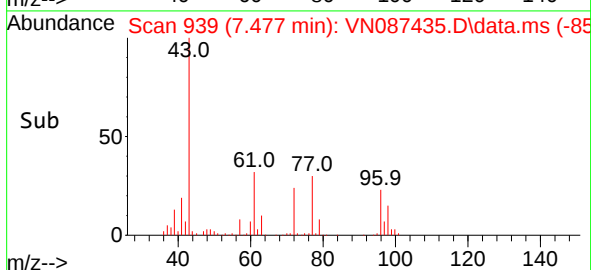
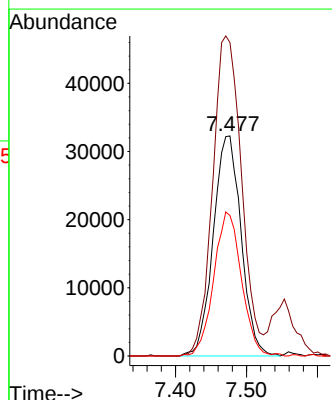
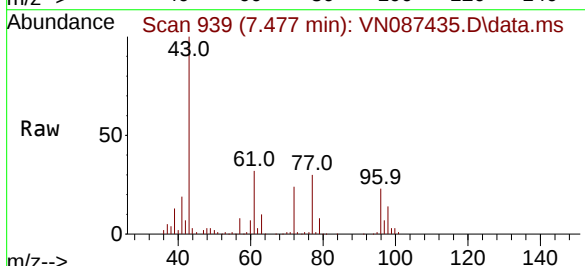
Tgt Ion: 96 Resp: 87772

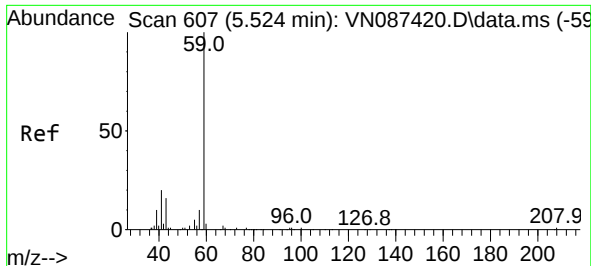
Ion Ratio Lower Upper

96 100

61 151.0 118.8 178.2

98 64.7 51.5 77.3

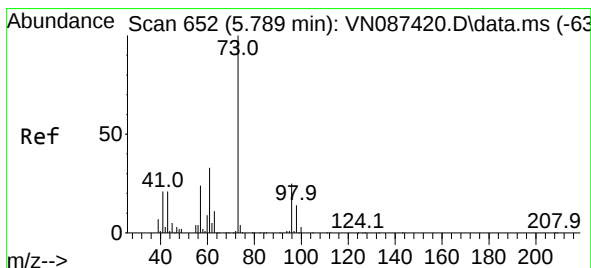
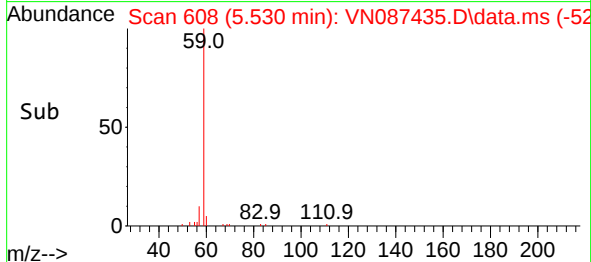
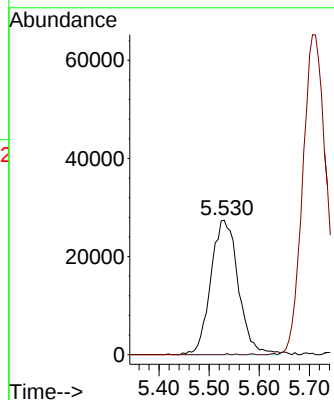
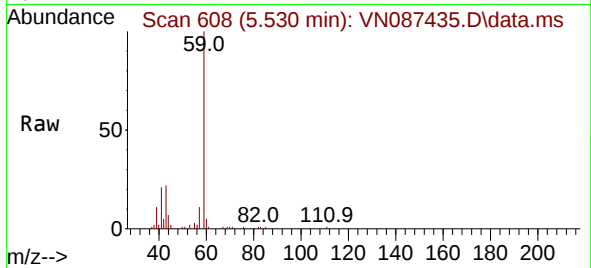




#23
tert-Butyl Alcohol
Concen: 110.296 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

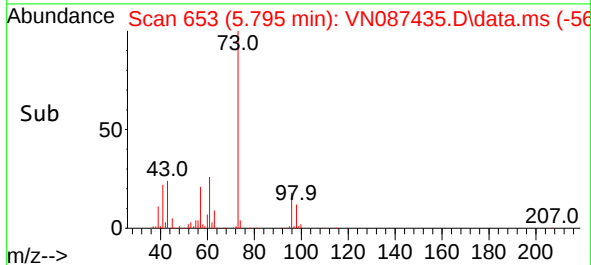
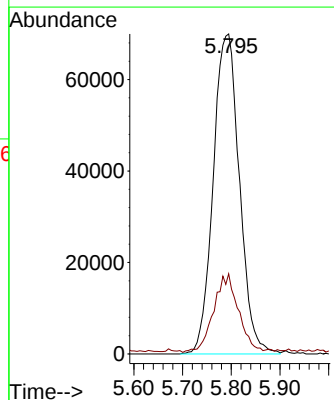
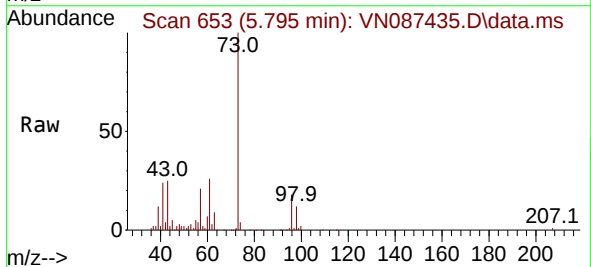
Instrument :
MSVOA_N
ClientSampleId :

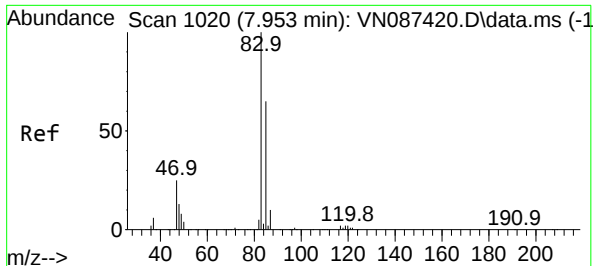
Tgt Ion: 59 Resp: 104848
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 20.314 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 73 Resp: 261439
Ion Ratio Lower Upper
73 100
43 22.2 17.1 25.7





#25

Chloroform

Concen: 20.137 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

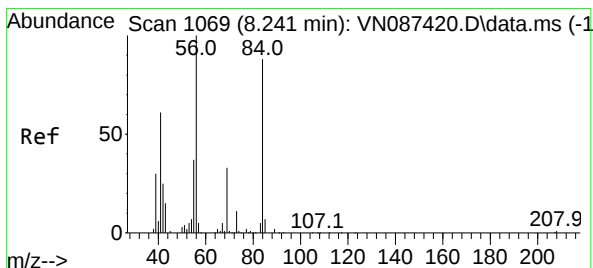
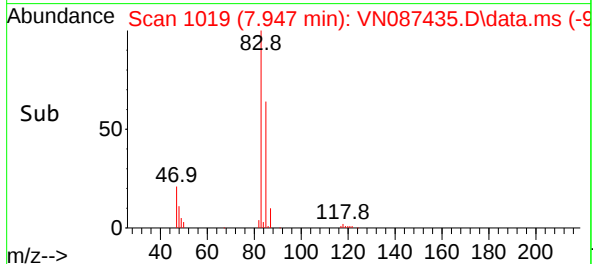
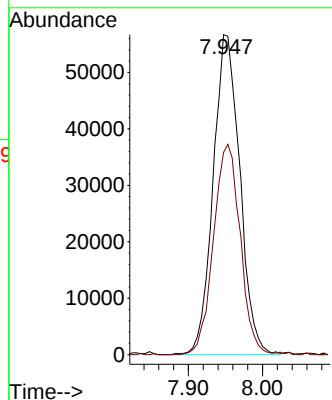
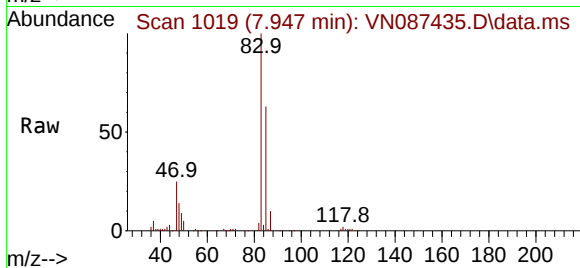
ClientSampleId :

Tgt Ion: 83 Resp: 141695

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0



#26

Cyclohexane

Concen: 19.259 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

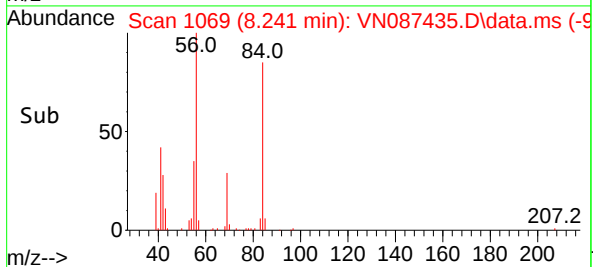
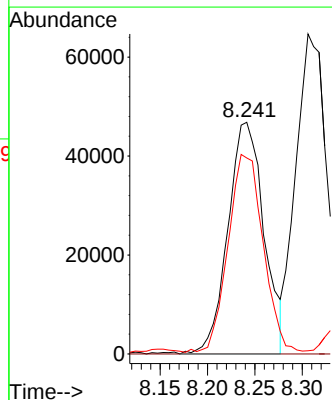
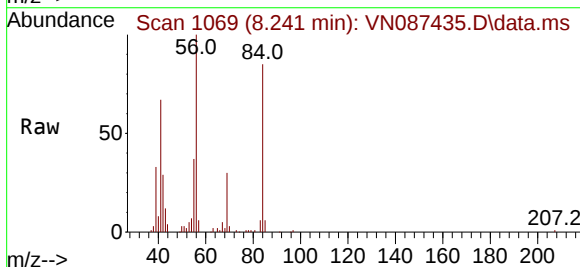
Tgt Ion: 56 Resp: 123970

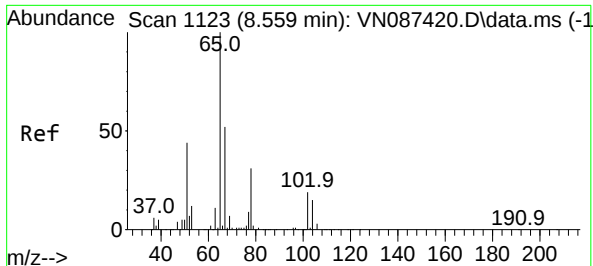
Ion Ratio Lower Upper

56 100

89 0.0 4.7 7.1#

84 84.4 67.4 101.2

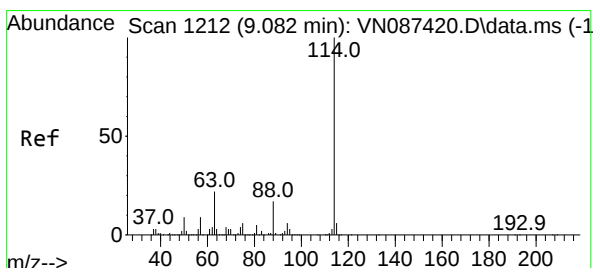
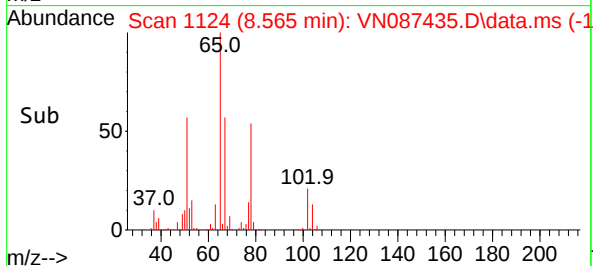
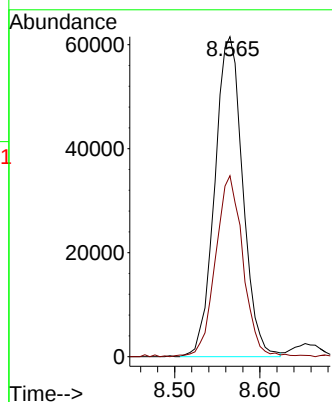
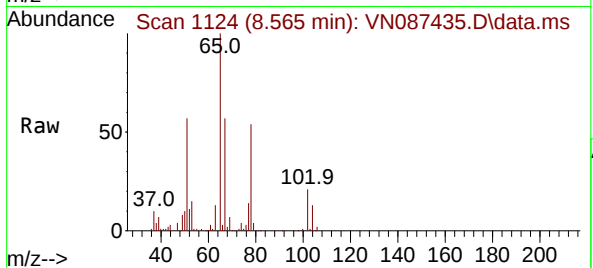




#27
 1,2-Dichloroethane-d4
 Concen: 30.343 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

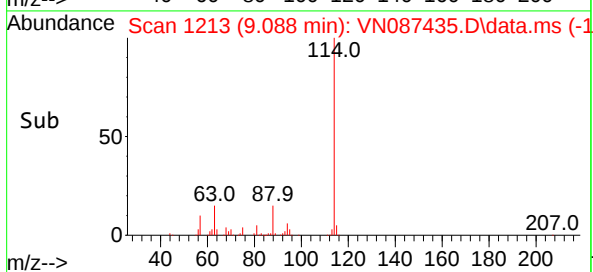
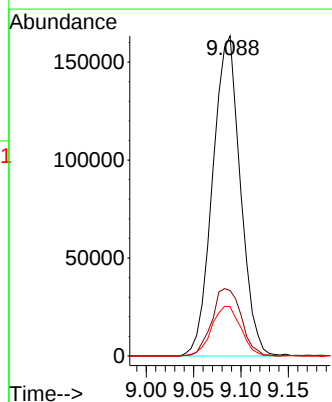
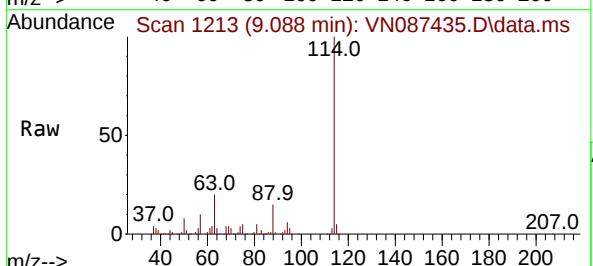
Instrument :
 MSVOA_N
 ClientSampleId :

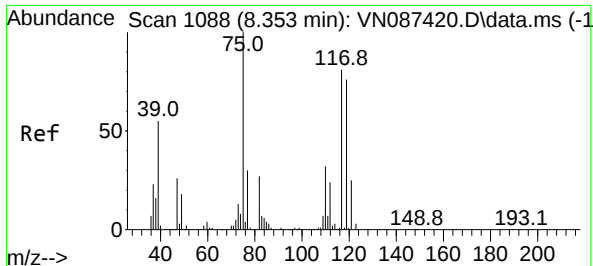
Tgt Ion: 65 Resp: 140690
 Ion Ratio Lower Upper
 65 100
 67 55.4 42.3 63.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.088 min Scan# 1213
 Delta R.T. 0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Tgt Ion: 114 Resp: 332596
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.8 26.6
 88 16.3 13.0 19.4

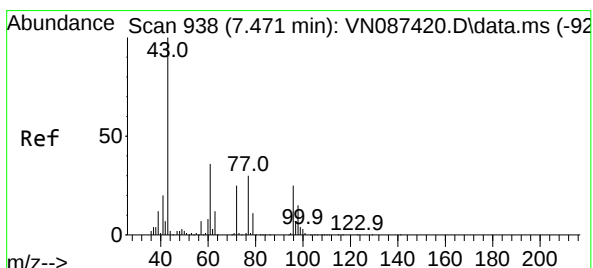
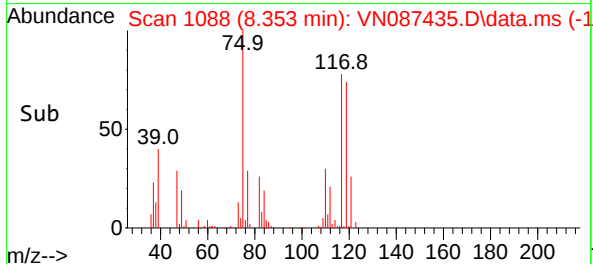
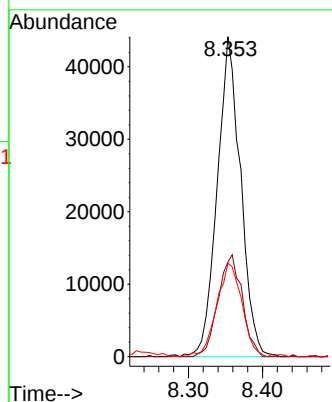
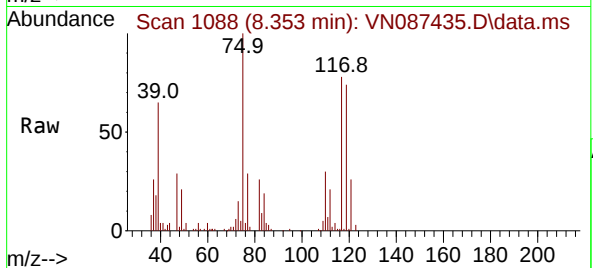




#29
1,1-Dichloropropene
Concen: 20.473 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

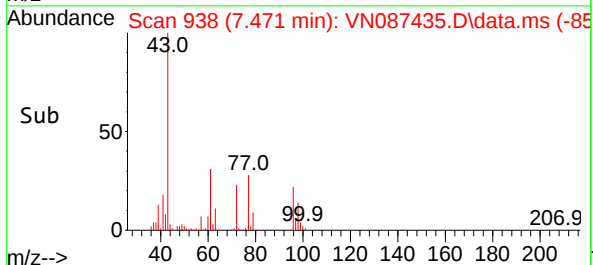
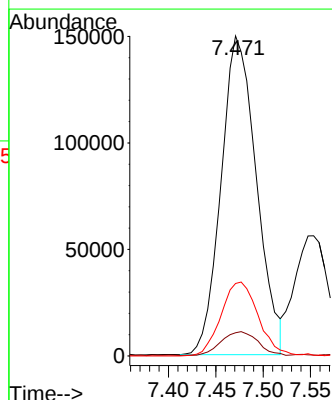
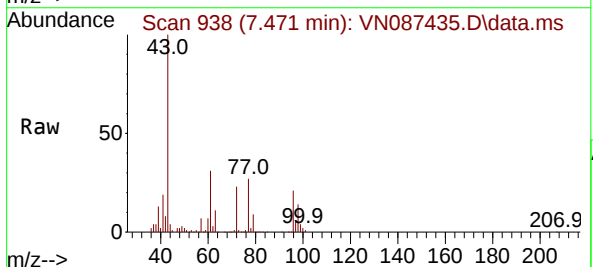
Instrument :
MSVOA_N
ClientSampleId :

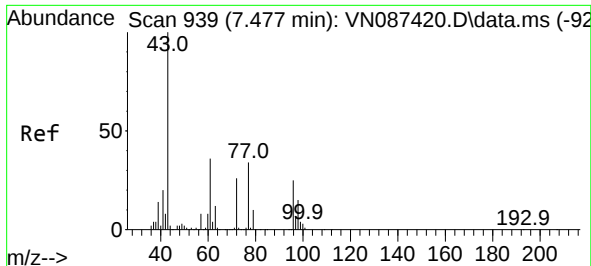
Tgt Ion: 75 Resp: 96663
Ion Ratio Lower Upper
75 100
110 32.8 0.0 69.6
77 31.0 0.0 60.2



#30
2-Butanone
Concen: 113.748 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 43 Resp: 389110
Ion Ratio Lower Upper
43 100
57 7.7 6.0 9.0
72 24.4 20.3 30.5

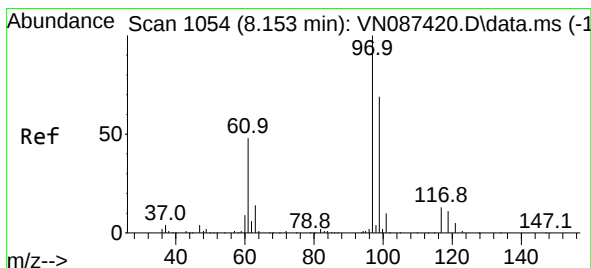
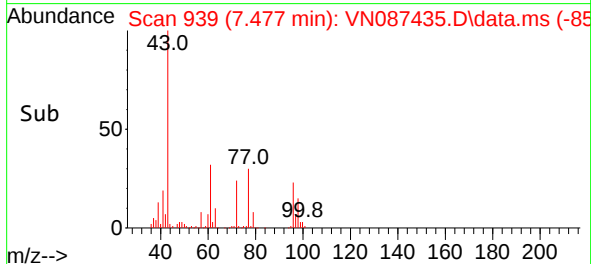
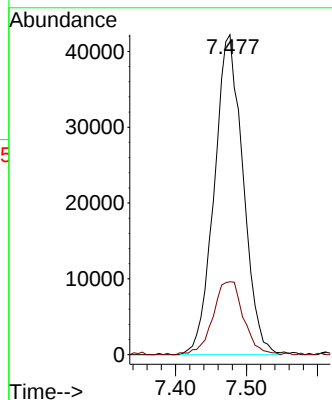
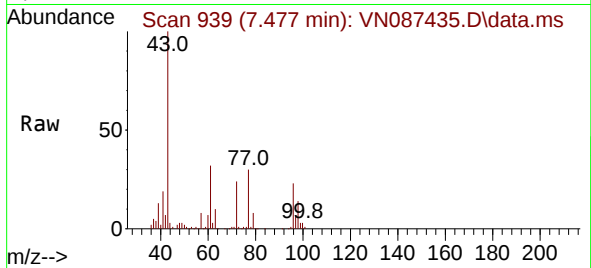




#31
2,2-Dichloropropane
Concen: 20.155 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

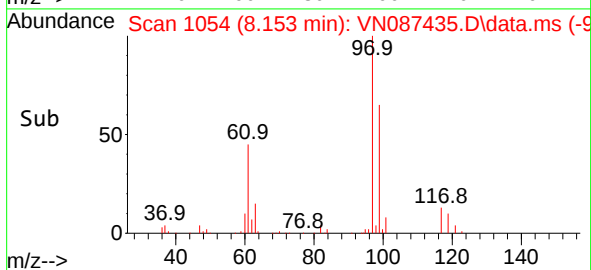
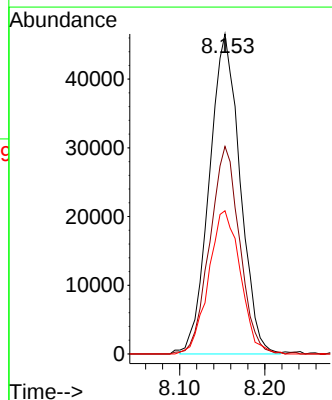
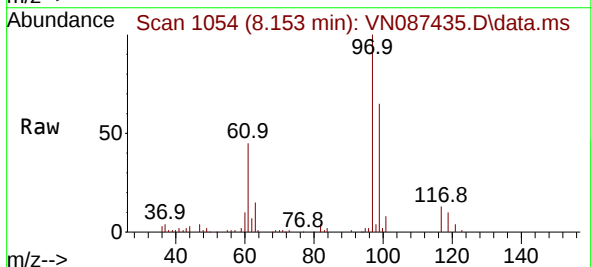
Instrument :
MSVOA_N
ClientSampleId :

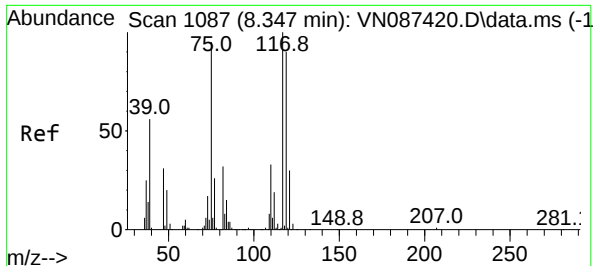
Tgt Ion: 77 Resp: 118579
Ion Ratio Lower Upper
77 100
97 24.1 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 20.549 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 97 Resp: 116623
Ion Ratio Lower Upper
97 100
99 62.8 52.1 78.1
61 46.3 36.3 54.5

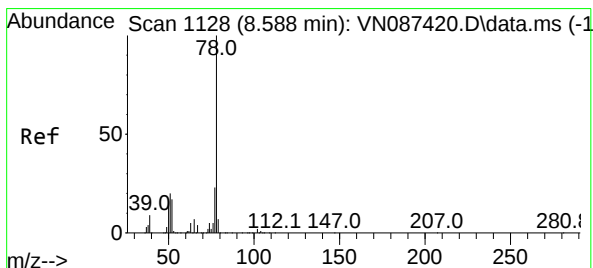
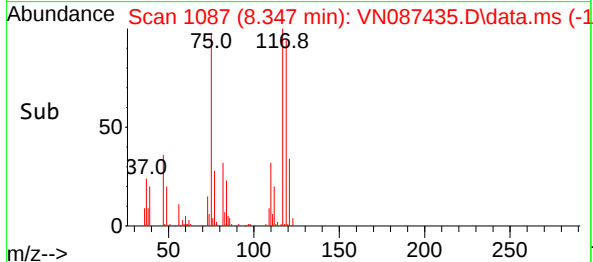
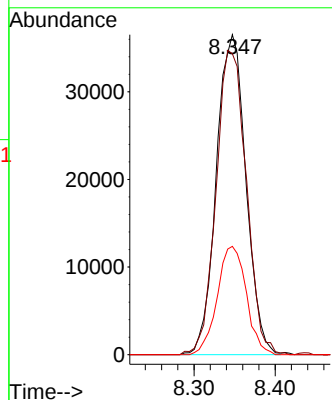
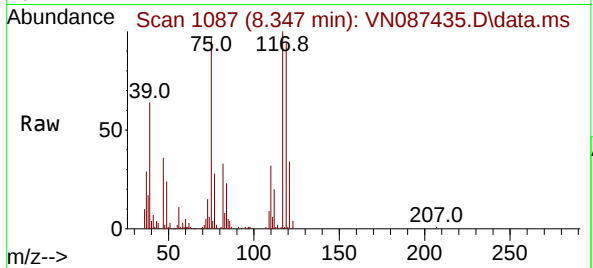




#33
Carbon Tetrachloride
Concen: 19.753 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

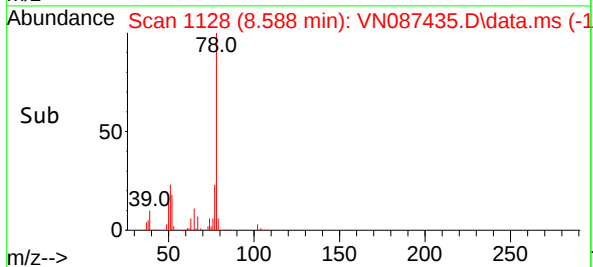
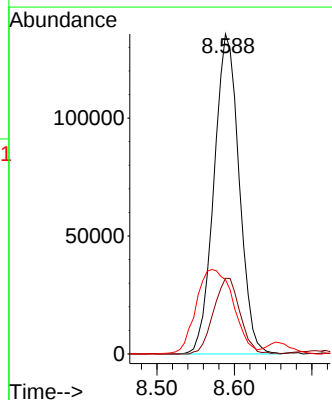
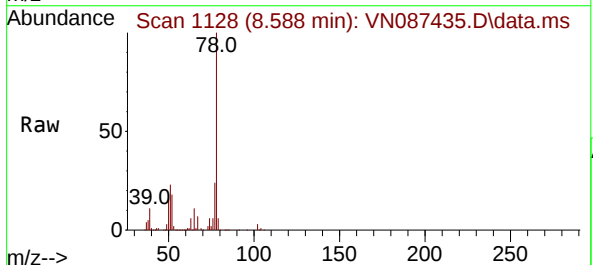
Instrument :
MSVOA_N
ClientSampleId :

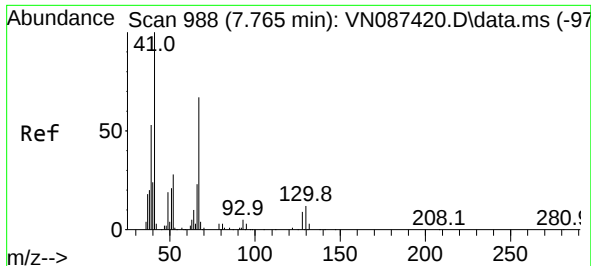
Tgt Ion:117 Resp: 92438
Ion Ratio Lower Upper
117 100
119 94.0 71.9 107.9
121 33.9 24.4 36.6



#34
Benzene
Concen: 19.813 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 78 Resp: 305967
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
51 21.9 16.3 24.5

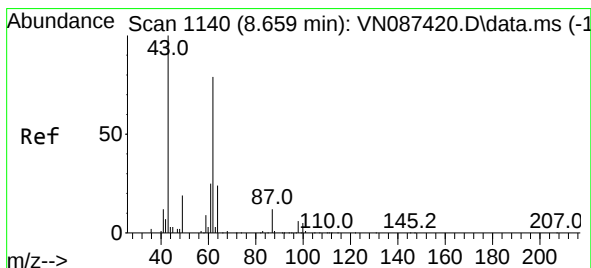
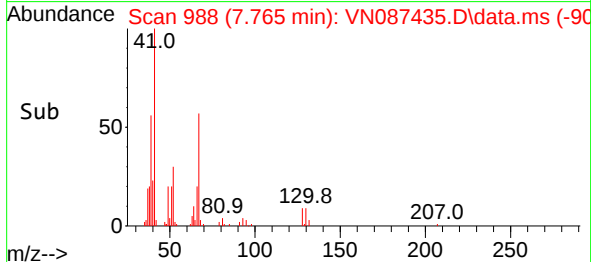
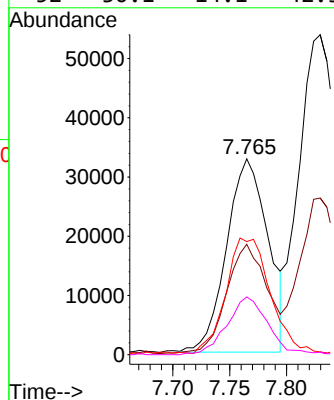
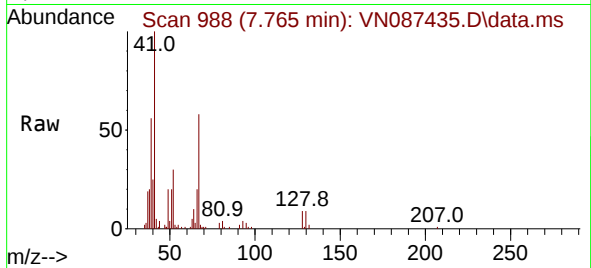




#35
Methacrylonitrile
Concen: 21.164 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

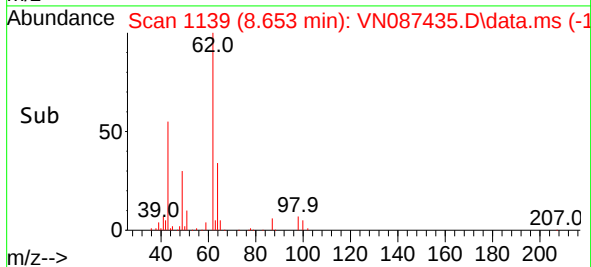
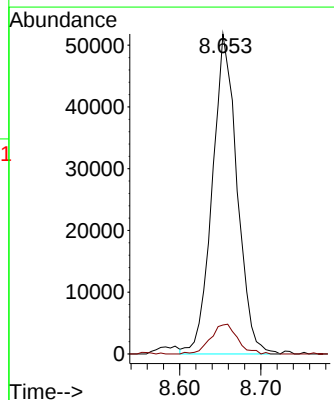
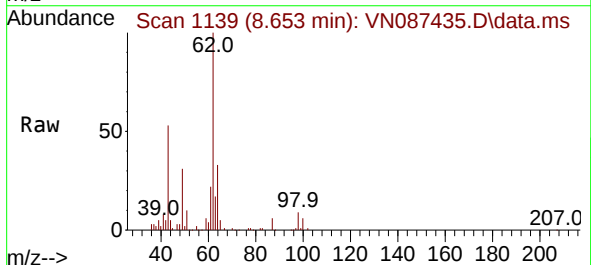
Instrument :
MSVOA_N
ClientSampleId :

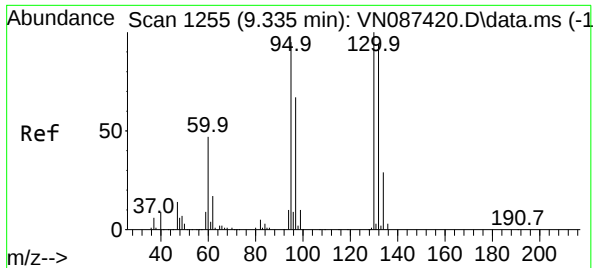
Tgt Ion:	41	Resp:	82933
Ion	Ratio	Lower	Upper
41	100		
39	56.1	26.7	80.1
67	57.6	33.5	100.4
52	30.1	14.1	42.3



#36
1,2-Dichloroethane
Concen: 21.388 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion:	62	Resp:	109920
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.2	0.2#

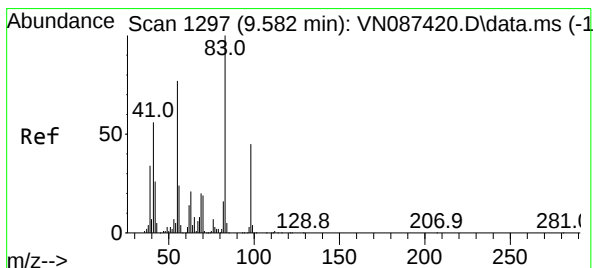
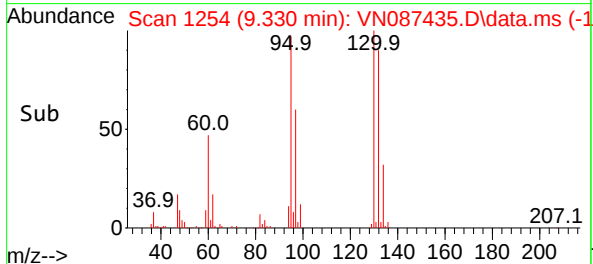
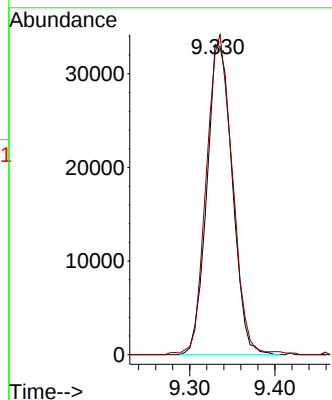
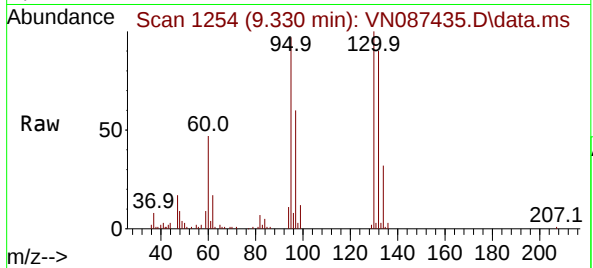




#37
Trichloroethene
Concen: 19.654 ug/l
RT: 9.330 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

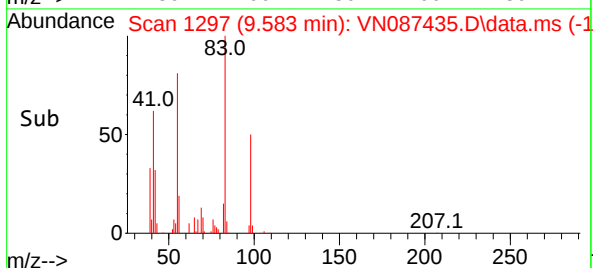
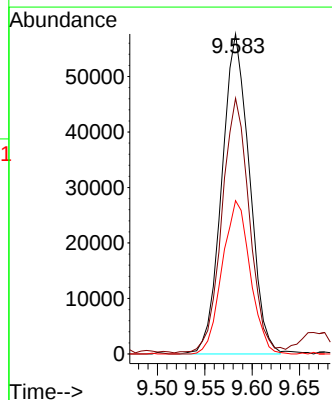
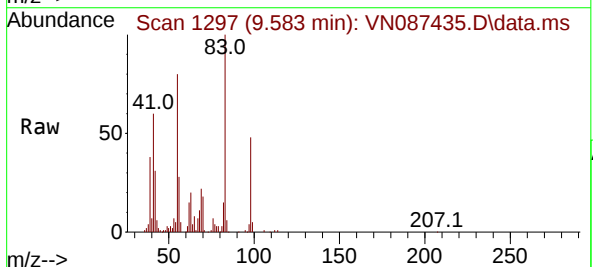
Instrument :
MSVOA_N
ClientSampleId :

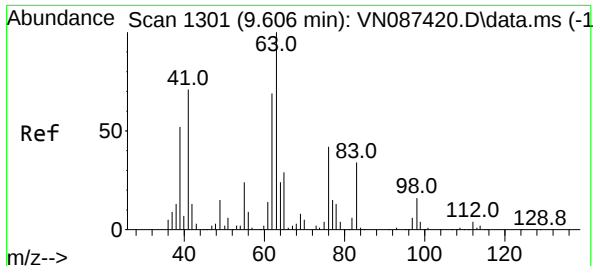
Tgt Ion:130 Resp: 69281
Ion Ratio Lower Upper
130 100
95 96.8 76.4 114.6



#38
Methylcyclohexane
Concen: 19.217 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 83 Resp: 117022
Ion Ratio Lower Upper
83 100
55 78.6 39.4 118.1
98 48.6 23.6 70.8





#39

1,2-Dichloropropane

Concen: 20.532 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

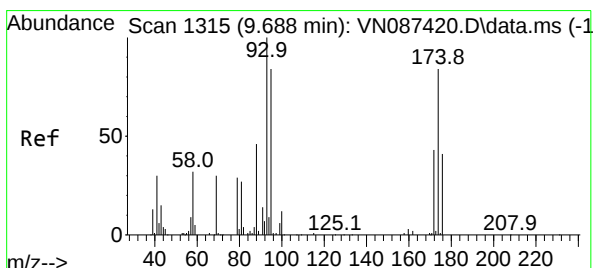
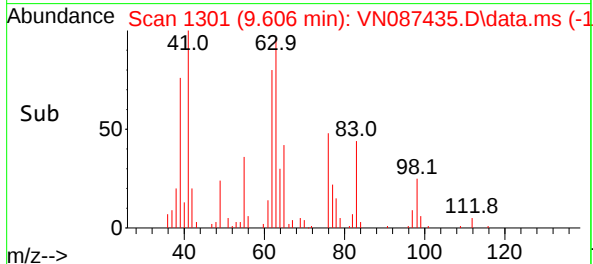
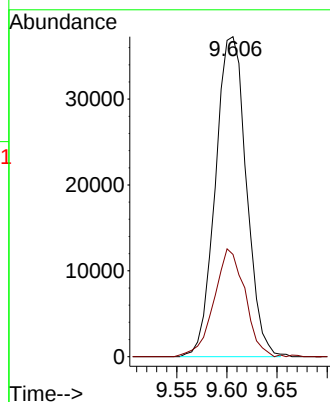
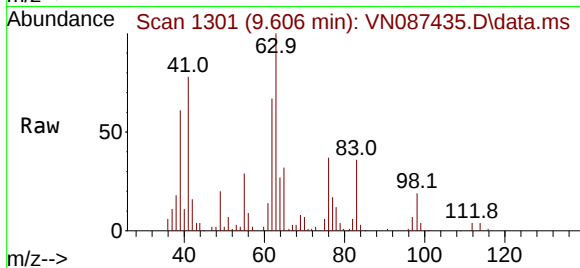
ClientSampleId :

Tgt Ion: 63 Resp: 79826

Ion Ratio Lower Upper

63 100

65 31.4 23.1 34.7



#40

Dibromomethane

Concen: 20.523 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

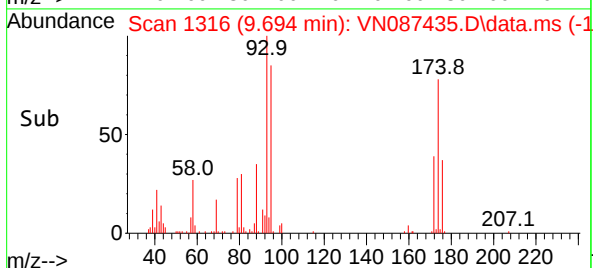
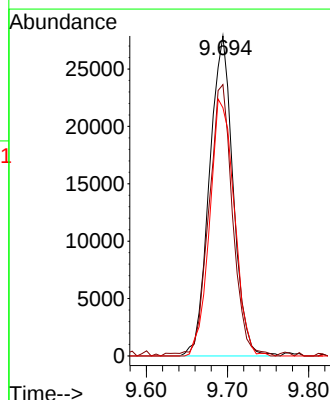
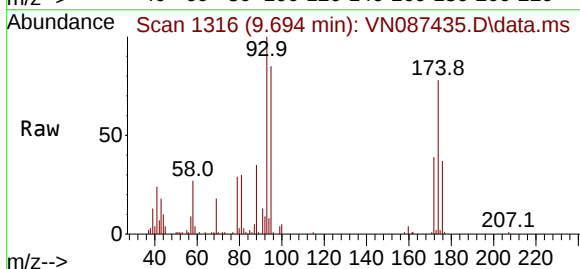
Tgt Ion: 93 Resp: 56603

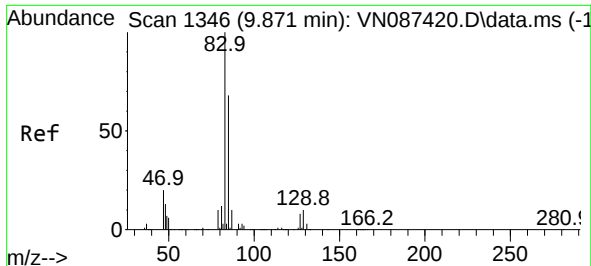
Ion Ratio Lower Upper

93 100

95 84.0 0.0 164.8

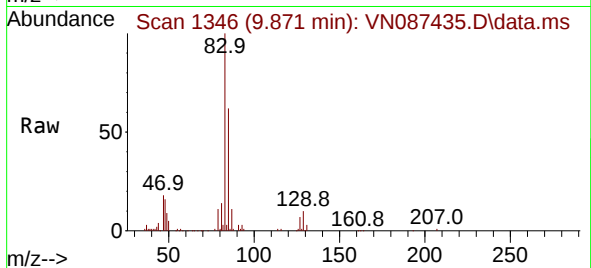
174 82.9 0.0 174.4



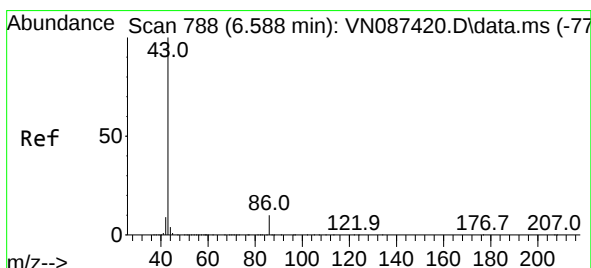
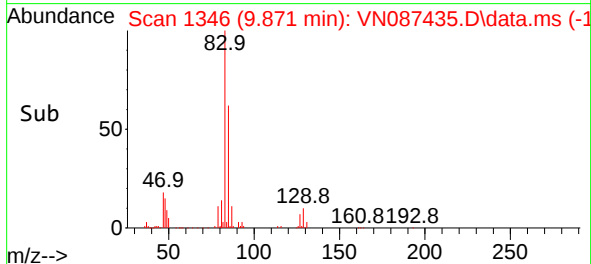
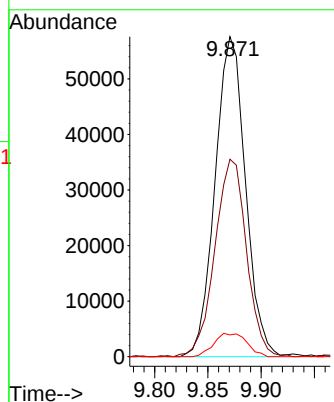


#41
Bromodichloromethane
Concen: 20.566 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :

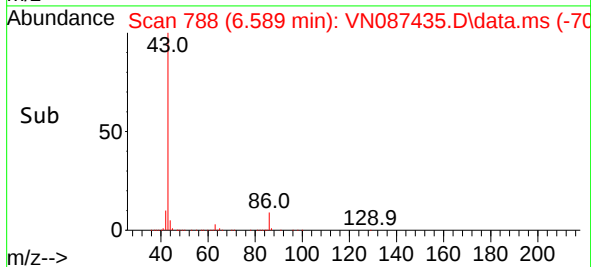
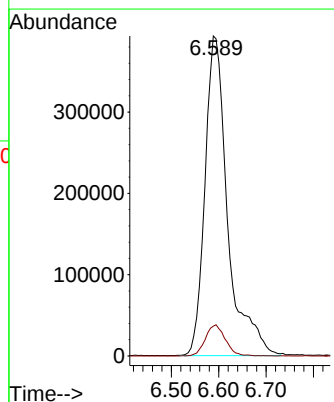
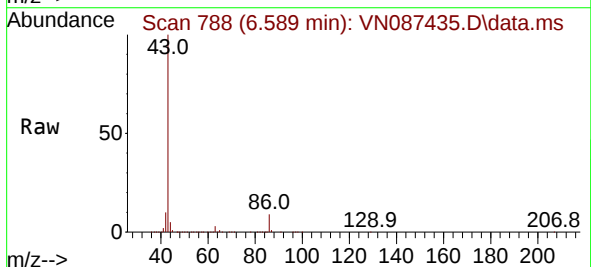


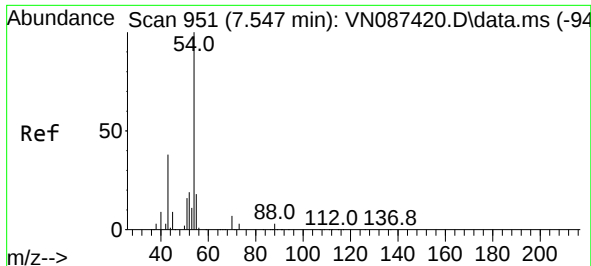
Tgt Ion: 83 Resp: 114153
Ion Ratio Lower Upper
83 100
85 61.2 54.5 81.7
127 6.8 6.6 10.0



#42
Vinyl Acetate
Concen: 114.201 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 43 Resp: 1314693
Ion Ratio Lower Upper
43 100
86 8.4 7.9 11.9

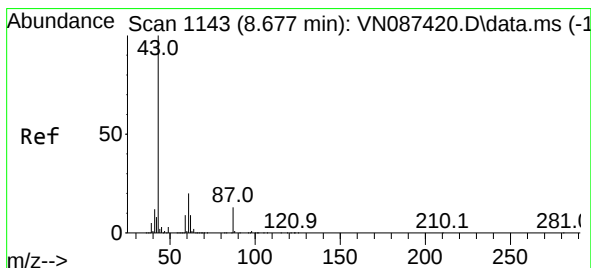
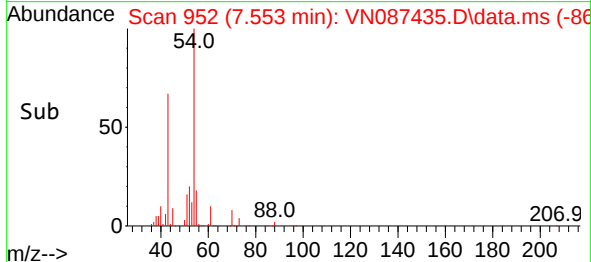
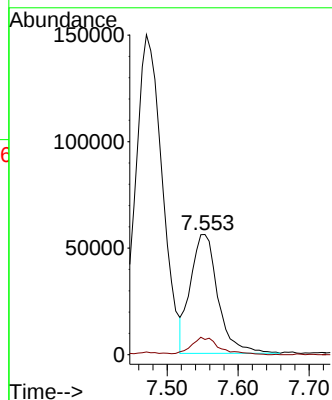
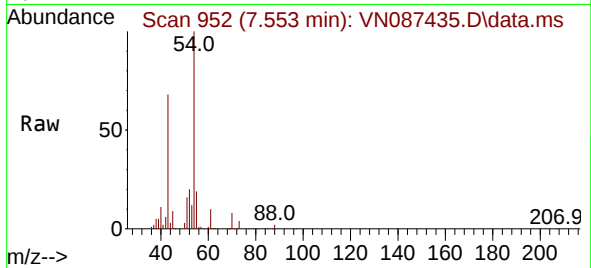




#43
Ethyl Acetate
Concen: 21.424 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

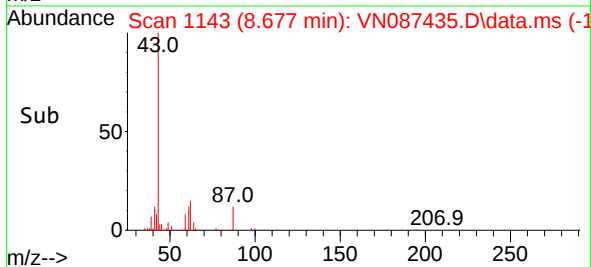
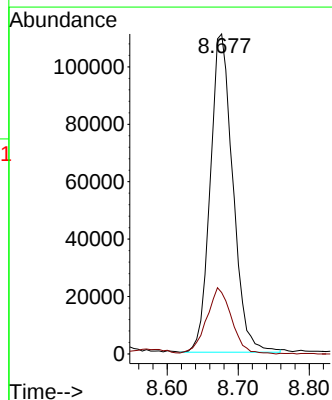
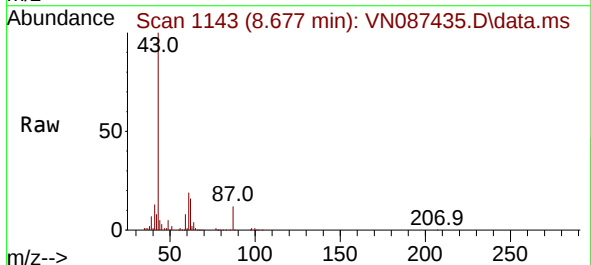
Instrument :
MSVOA_N
ClientSampleId :

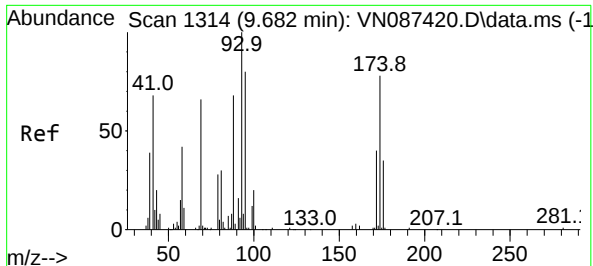
Tgt Ion: 43 Resp: 150237
Ion Ratio Lower Upper
43 100
45 13.5 1.6 2.4#



#44
Isopropyl Acetate
Concen: 21.858 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 43 Resp: 244882
Ion Ratio Lower Upper
43 100
61 23.1 20.0 30.0

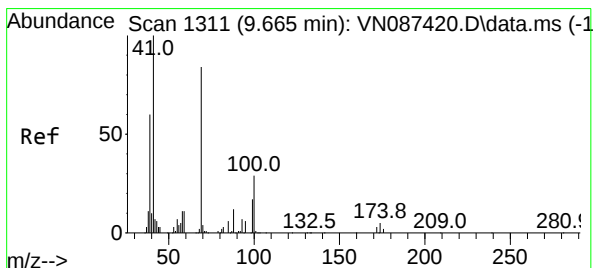
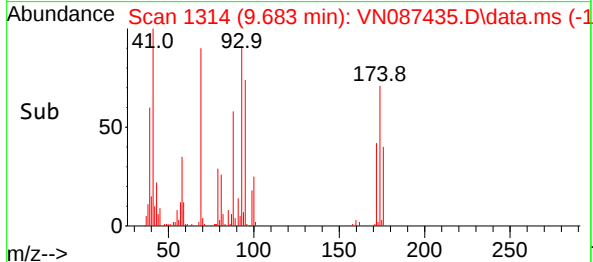
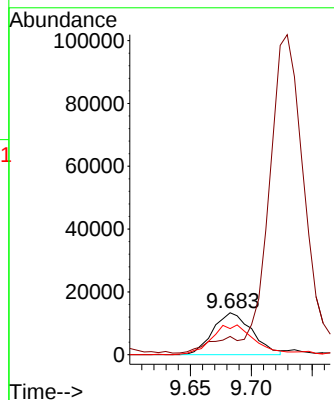
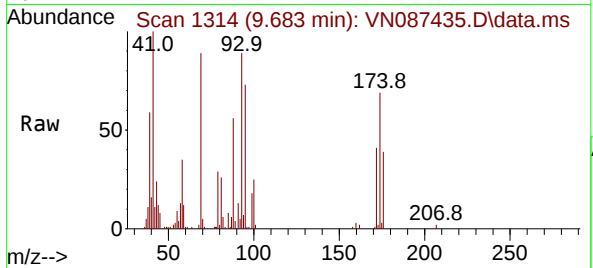




#45
1,4-Dioxane
Concen: 419.795 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

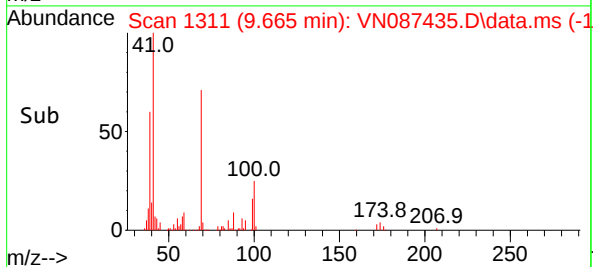
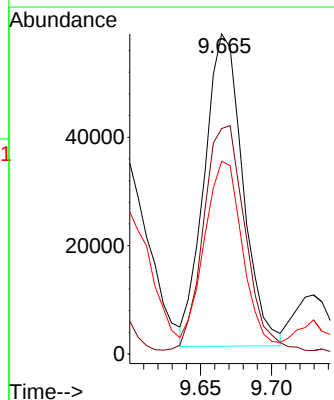
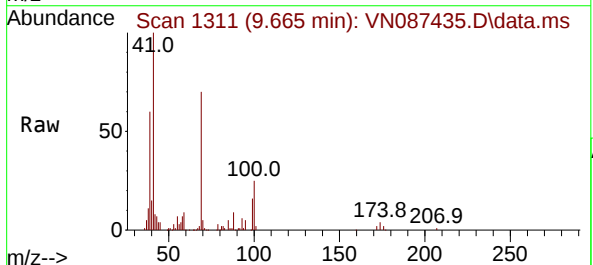
Instrument :
MSVOA_N
ClientSampleId :

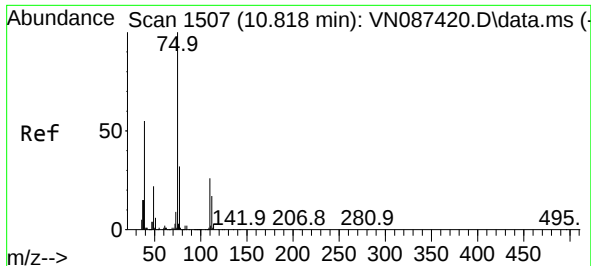
Tgt Ion: 88 Resp: 29840
Ion Ratio Lower Upper
88 100
43 28.9 22.7 34.1
58 76.4 56.2 84.4



#46
Methyl methacrylate
Concen: 20.824 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 41 Resp: 108628
Ion Ratio Lower Upper
41 100
69 72.3 41.9 125.7
39 60.4 31.1 93.5

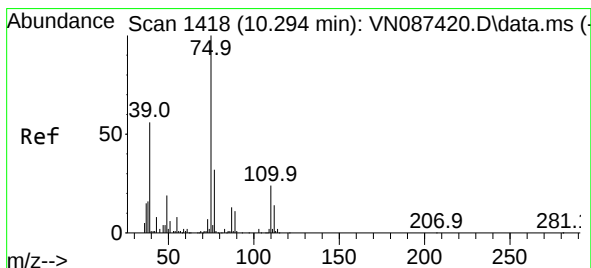
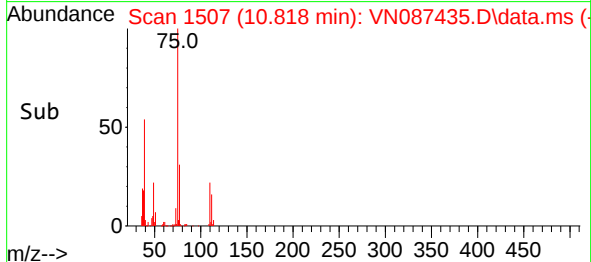
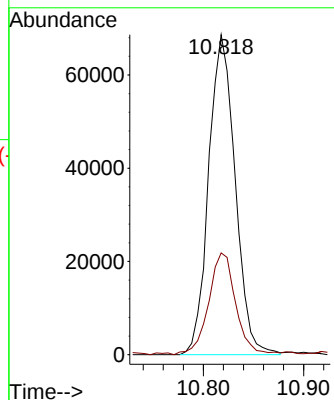
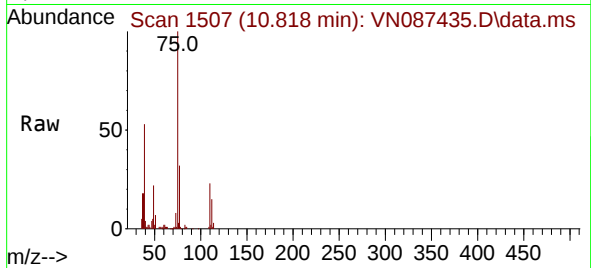




#48
t-1,3-Dichloropropene
Concen: 20.143 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

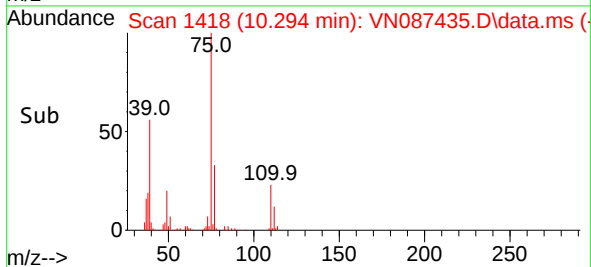
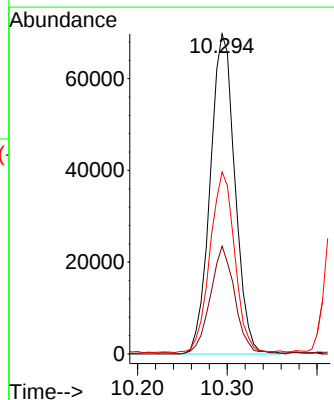
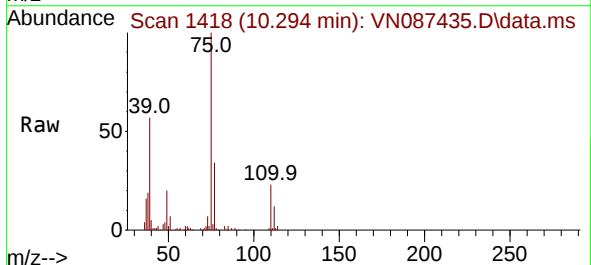
Instrument :
MSVOA_N
ClientSampleId :

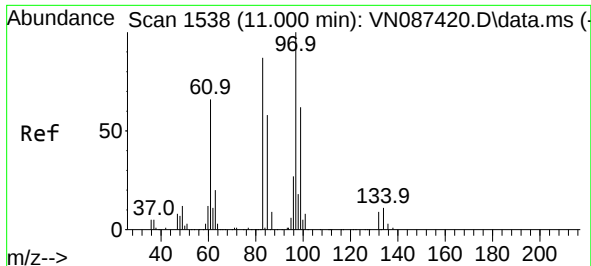
Tgt Ion: 75 Resp: 125872
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#49
cis-1,3-Dichloropropene
Concen: 20.329 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 75 Resp: 133416
Ion Ratio Lower Upper
75 100
77 33.7 26.1 39.1
39 56.2 45.0 67.4

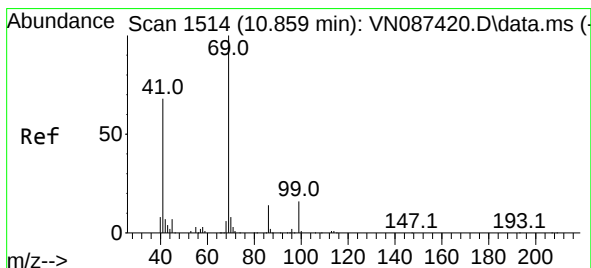
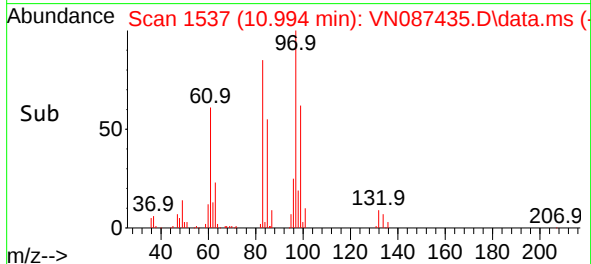
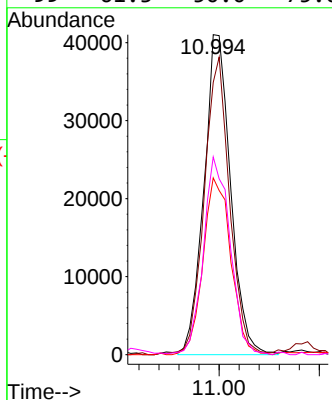
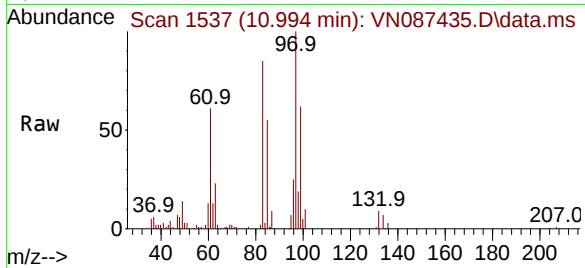




#50
1,1,2-Trichloroethane
Concen: 20.688 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

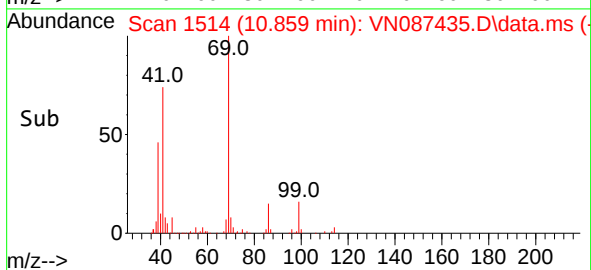
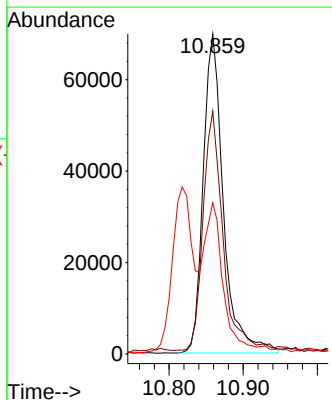
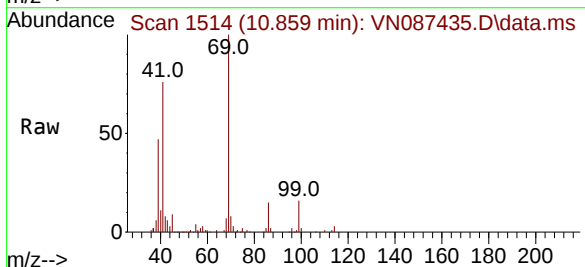
Instrument :
MSVOA_N
ClientSampleId :

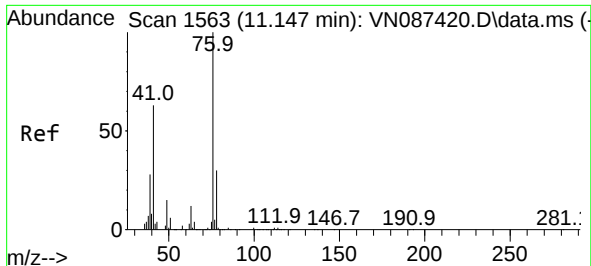
Tgt Ion: 97 Resp: 75949
Ion Ratio Lower Upper
97 100
83 84.5 70.0 105.0
85 55.0 46.2 69.2
99 61.3 50.0 75.0



#51
Ethyl methacrylate
Concen: 19.901 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 69 Resp: 132308
Ion Ratio Lower Upper
69 100
41 74.9 33.9 101.6
39 45.8 20.3 60.9

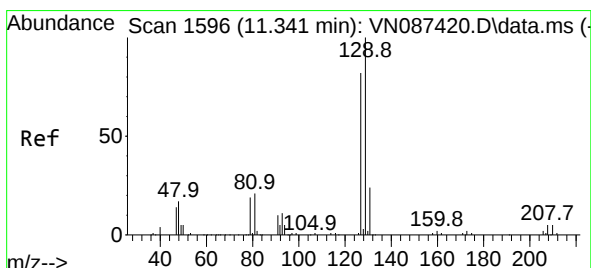
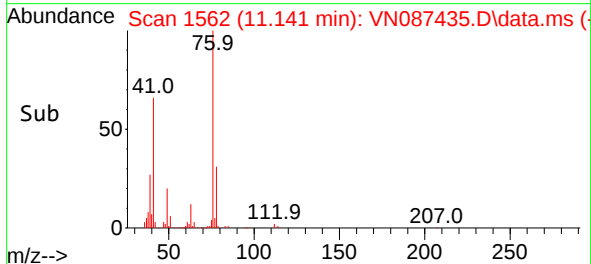
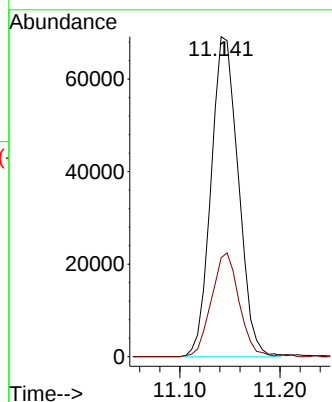
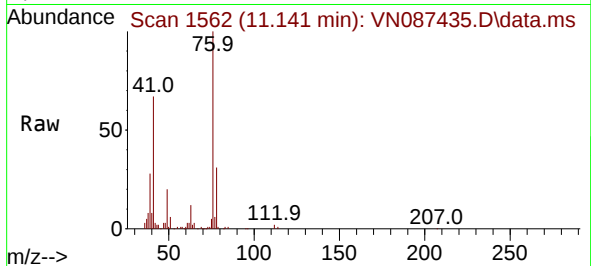




#52
1,3-Dichloropropane
Concen: 20.647 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

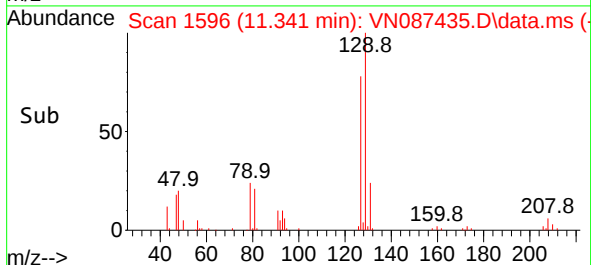
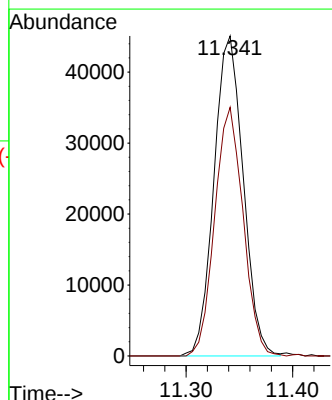
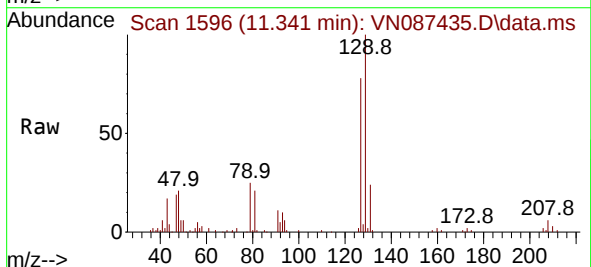
Instrument :
MSVOA_N
ClientSampleId :

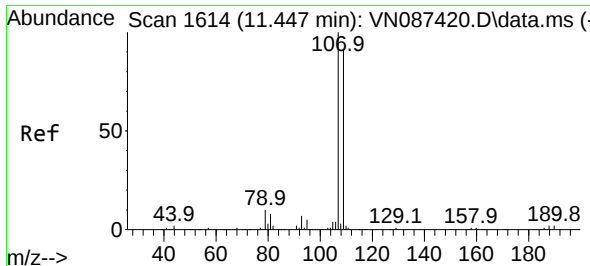
Tgt Ion: 76 Resp: 131001
Ion Ratio Lower Upper
76 100
78 32.7 0.0 67.4



#53
Dibromochloromethane
Concen: 20.422 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 129 Resp: 85994
Ion Ratio Lower Upper
129 100
127 75.4 39.5 118.3

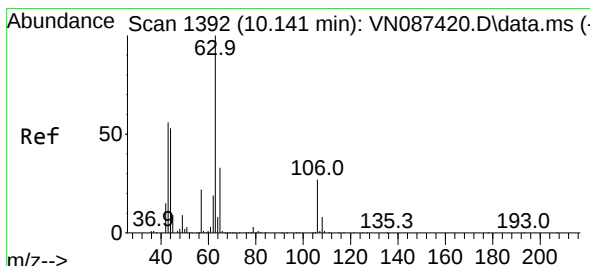
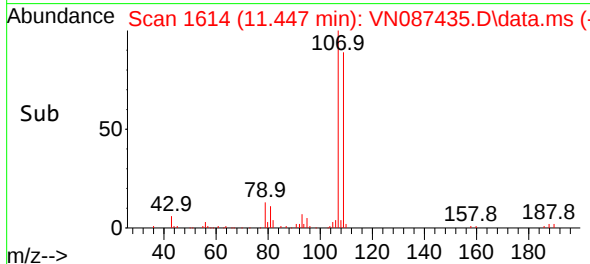
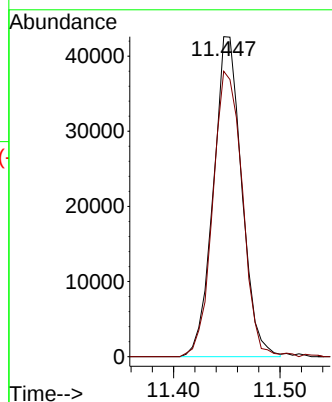
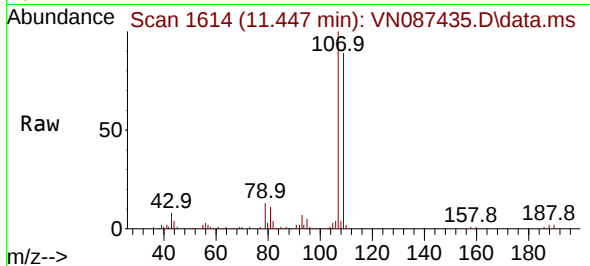




#54
1,2-Dibromoethane
Concen: 20.340 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

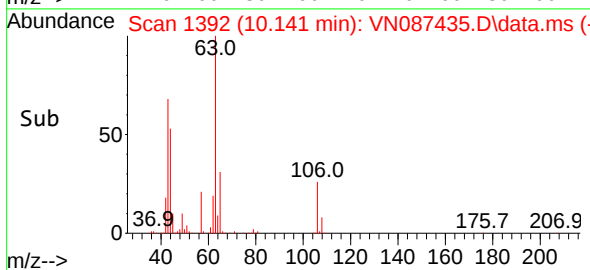
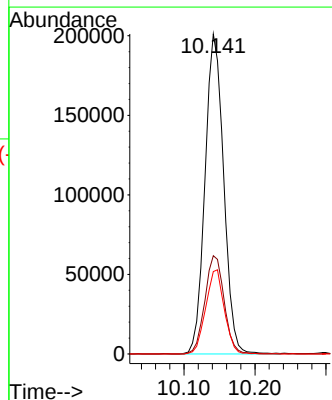
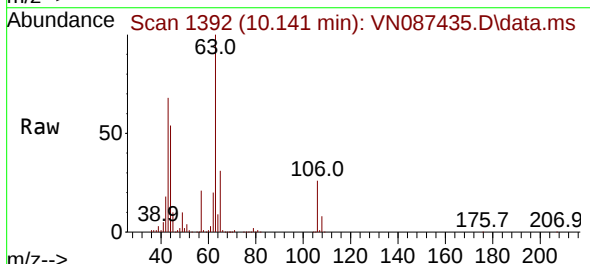
Instrument :
MSVOA_N
ClientSampleId :

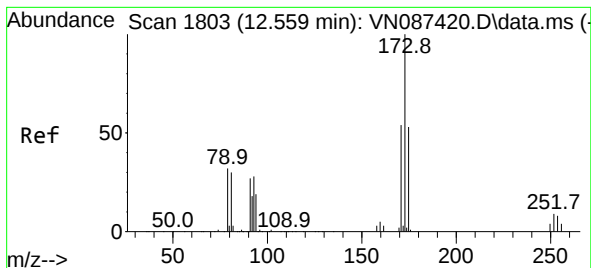
Tgt Ion:107 Resp: 78570
Ion Ratio Lower Upper
107 100
109 92.8 73.9 110.9



#55
2-Chloroethyl vinyl ether
Concen: 134.460 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

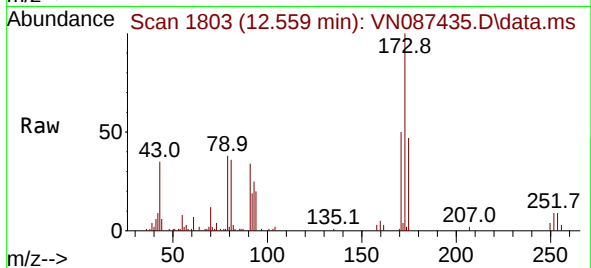
Tgt Ion: 63 Resp: 367549
Ion Ratio Lower Upper
63 100
65 31.6 26.2 39.2
106 26.3 21.3 31.9



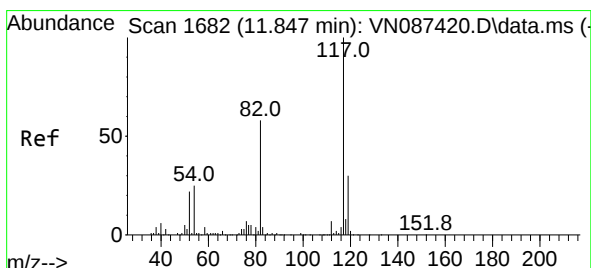
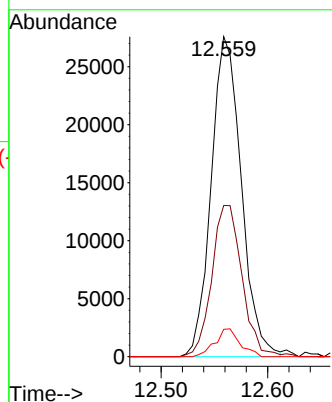
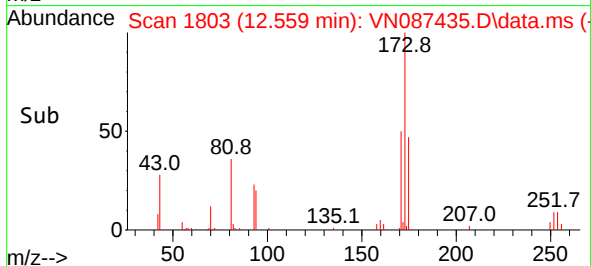


#56
Bromoform
Concen: 18.310 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :

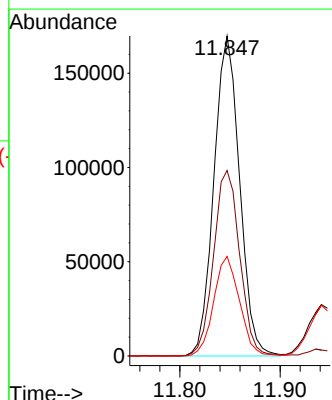
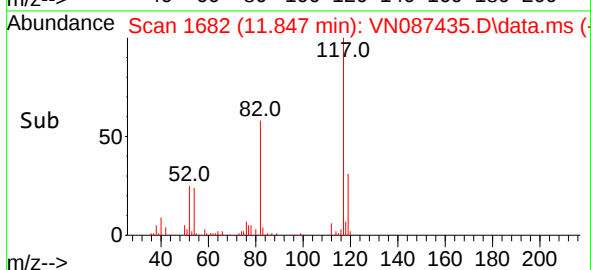
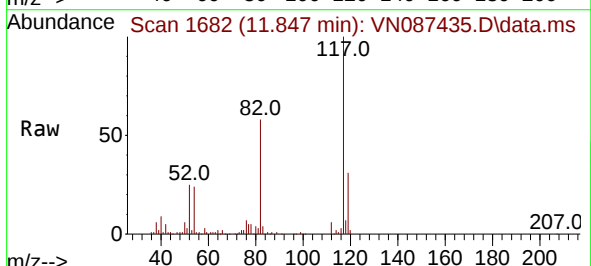


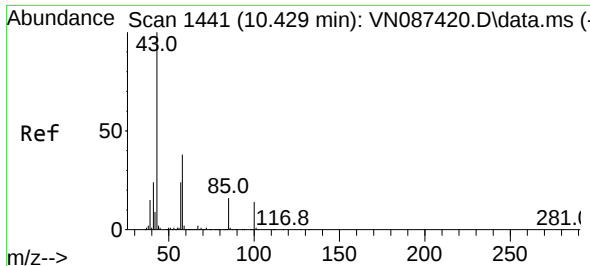
Tgt Ion:173 Resp: 54106
Ion Ratio Lower Upper
173 100
175 46.9 38.4 57.6
254 7.2 6.4 9.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion:117 Resp: 302118
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.2 25.7 38.5

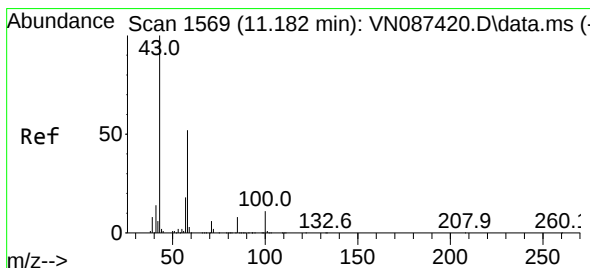
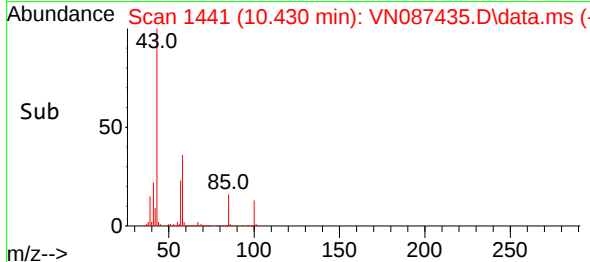
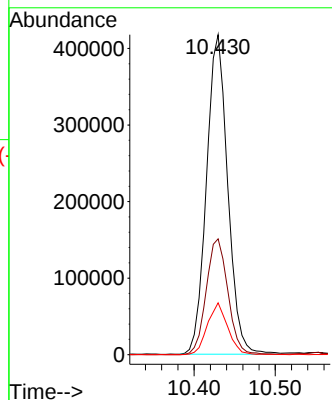
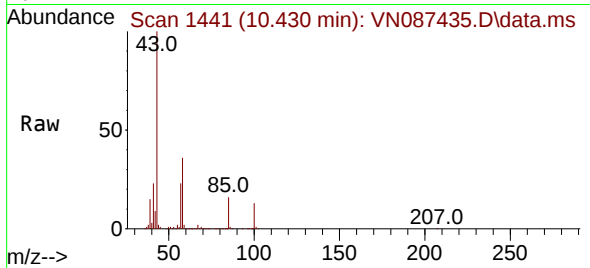




#58
4-Methyl-2-Pentanone
Concen: 111.545 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

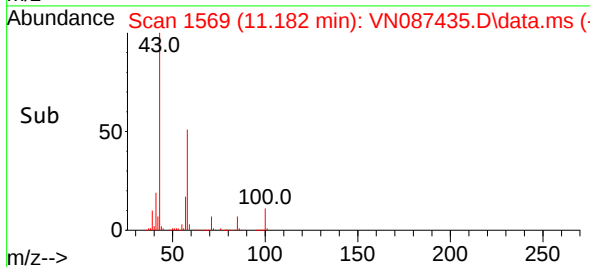
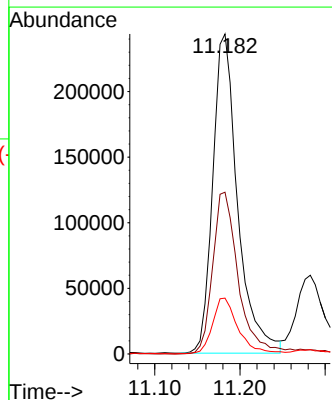
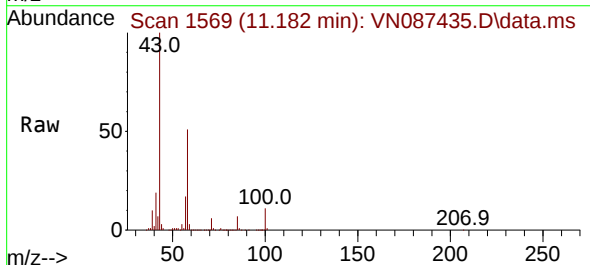
Instrument :
MSVOA_N
ClientSampleId :

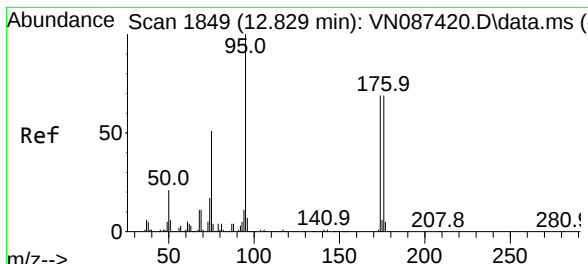
Tgt Ion: 43 Resp: 759073
Ion Ratio Lower Upper
43 100
58 37.0 29.9 44.9
85 15.5 12.8 19.2



#59
2-Hexanone
Concen: 104.581 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 43 Resp: 493203
Ion Ratio Lower Upper
43 100
58 52.4 42.2 63.2
57 18.2 14.3 21.5



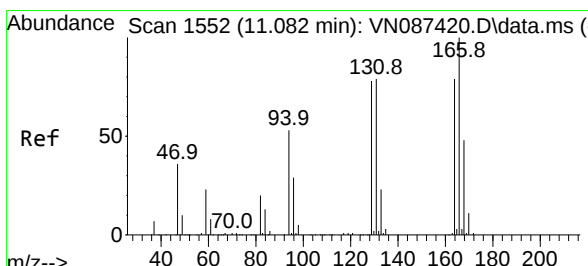
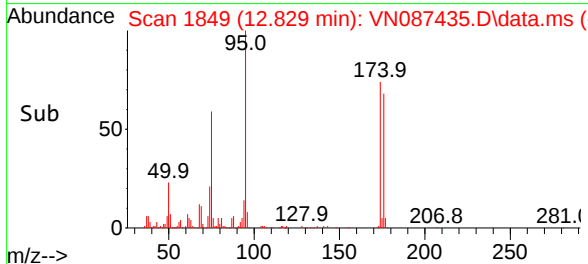
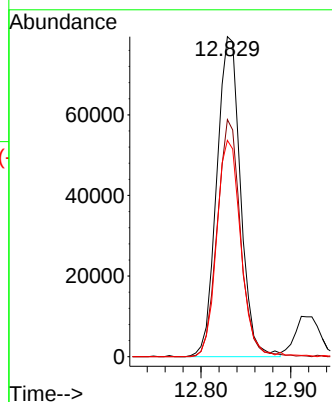
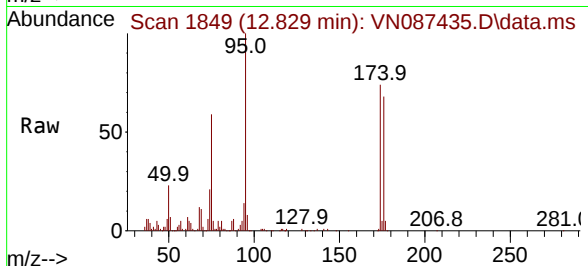


#60
 4-Bromofluorobenzene
 Concen: 29.436 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 95 Resp: 146039

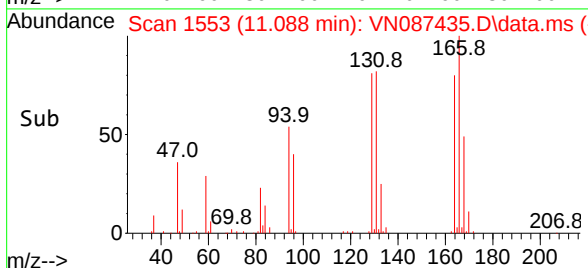
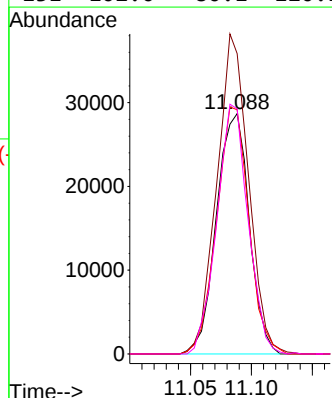
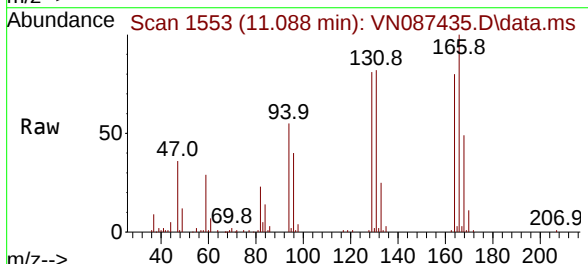
Ion	Ratio	Lower	Upper
95	100		
174	72.3	57.8	86.8
176	68.2	54.9	82.3

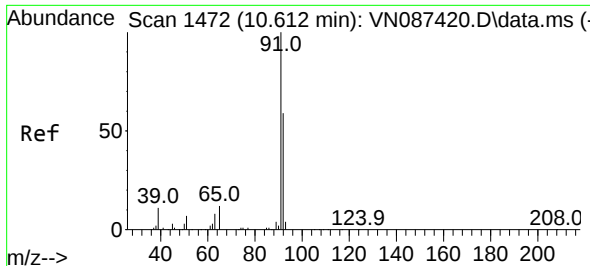


#61
 Tetrachloroethene
 Concen: 18.752 ug/l
 RT: 11.088 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Tgt Ion: 164 Resp: 53788

Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.8	152.8
129	101.6	79.8	119.8
131	102.0	80.1	120.1

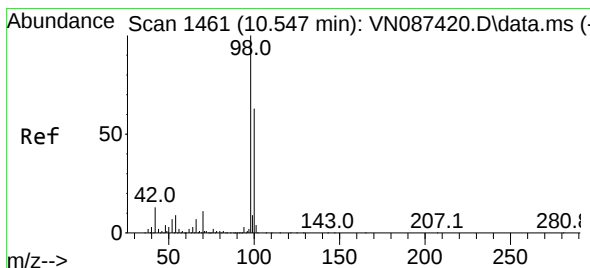
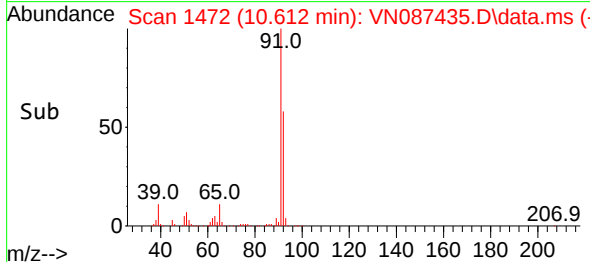
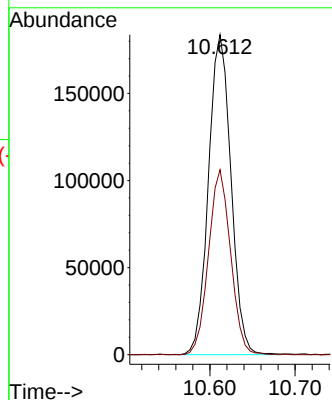
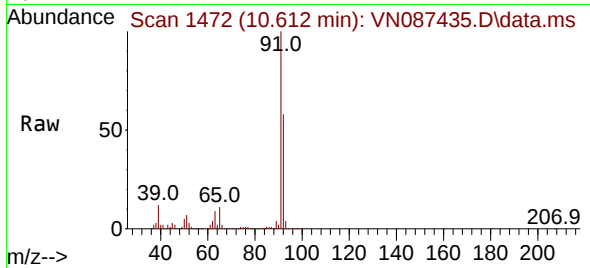




#62
Toluene
Concen: 19.765 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

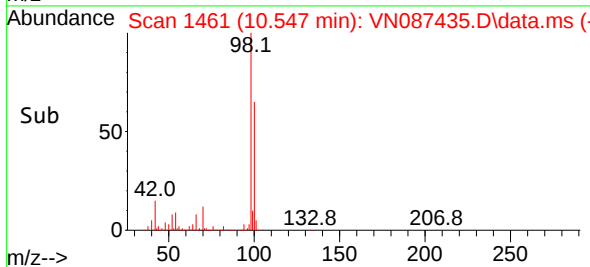
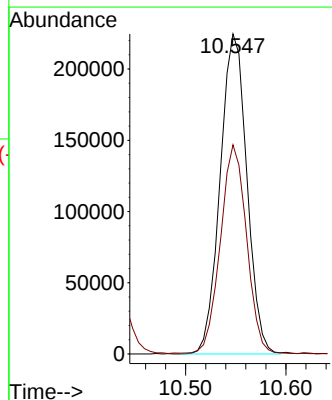
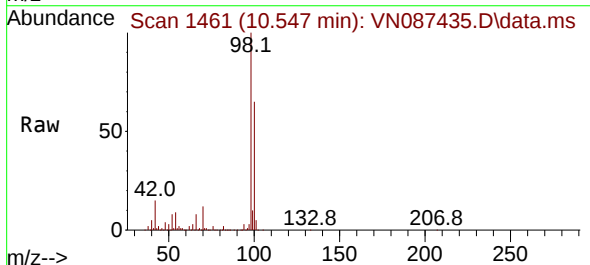
Instrument :
MSVOA_N
ClientSampleId :

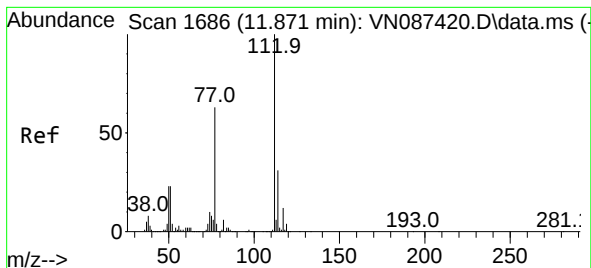
Tgt Ion: 91 Resp: 336994
Ion Ratio Lower Upper
91 100
92 56.6 45.6 68.4



#63
Toluene-d8
Concen: 29.872 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 98 Resp: 414458
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1





#64

Chlorobenzene

Concen: 19.634 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

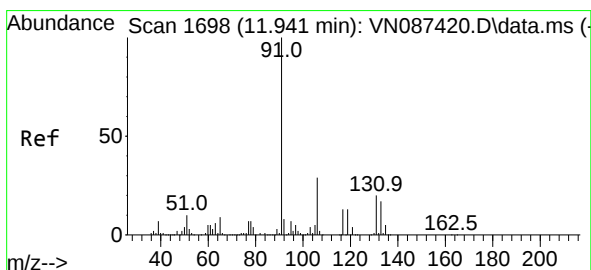
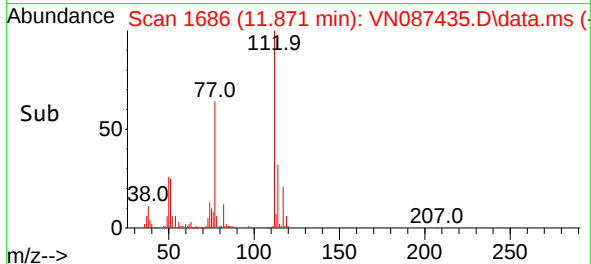
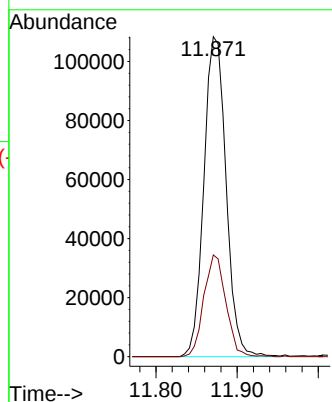
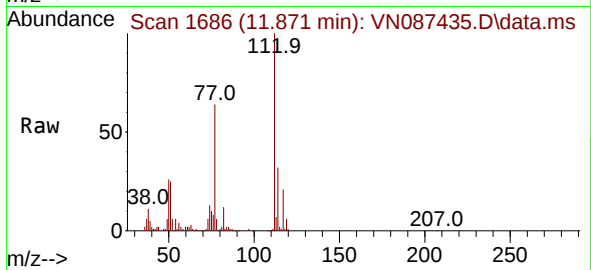
ClientSampleId :

Tgt Ion:112 Resp: 205875

Ion Ratio Lower Upper

112 100

114 31.8 25.2 37.8



#65

1,1,1,2-Tetrachloroethane

Concen: 19.309 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

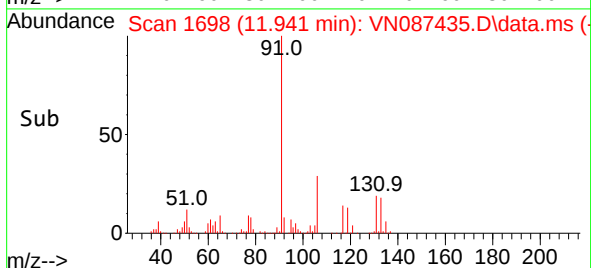
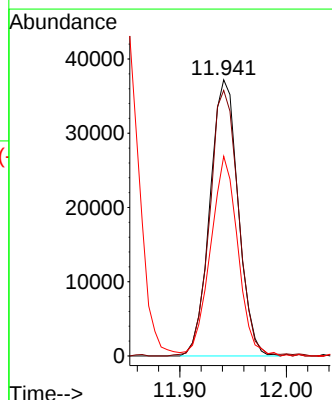
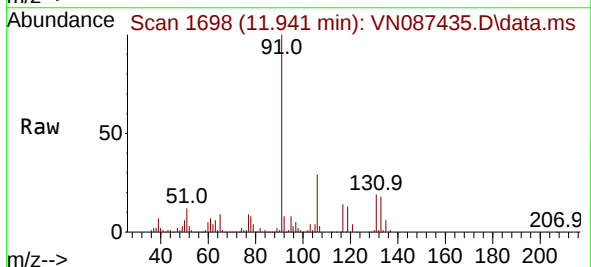
Tgt Ion:131 Resp: 68653

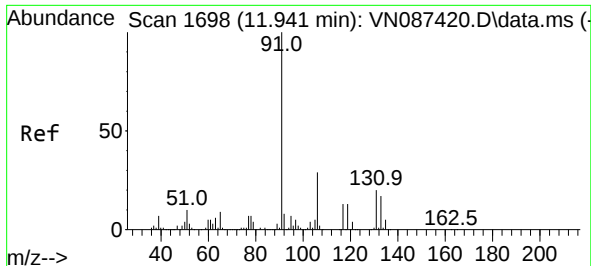
Ion Ratio Lower Upper

131 100

133 97.5 0.0 184.2

119 69.9 0.0 136.4

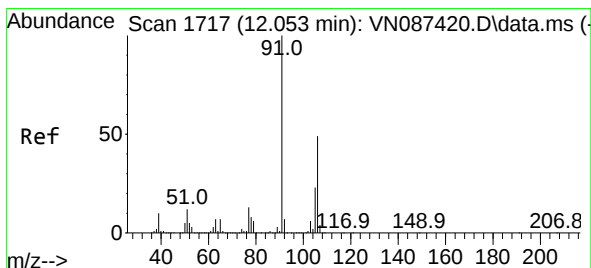
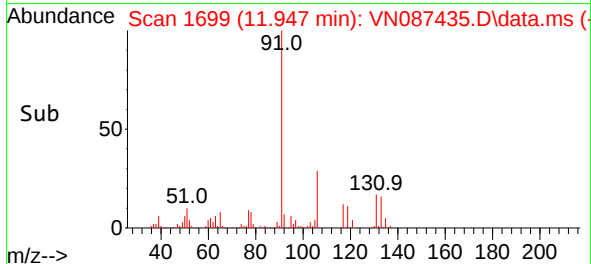
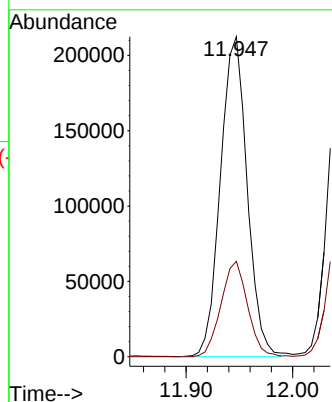
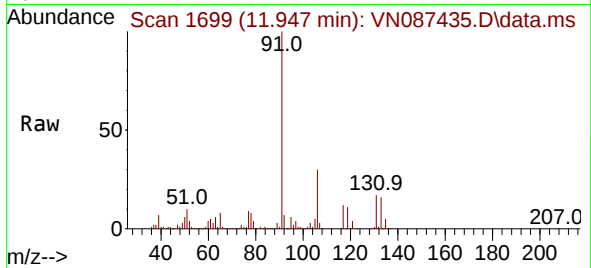




#66
Ethyl Benzene
Concen: 19.842 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

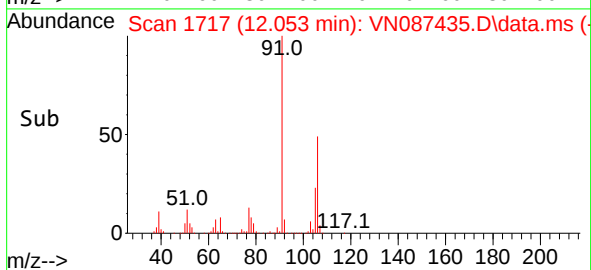
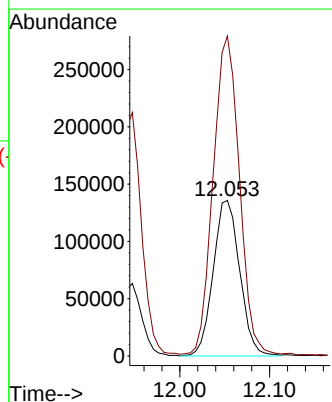
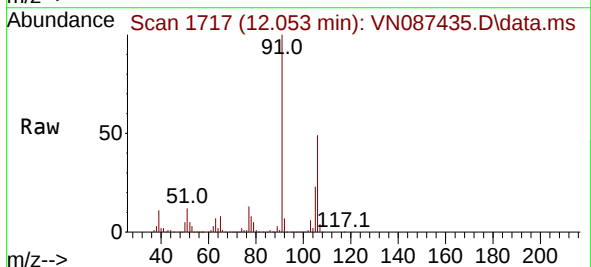
Instrument :
MSVOA_N
ClientSampleId :

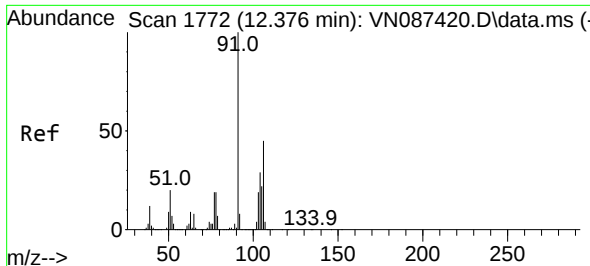
Tgt Ion: 91 Resp: 369620
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#67
m/p-Xylenes
Concen: 39.903 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion:106 Resp: 278518
Ion Ratio Lower Upper
106 100
91 203.6 165.4 248.2

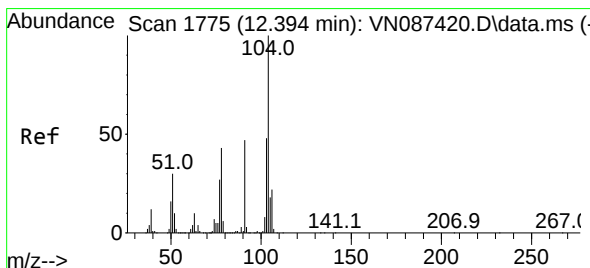
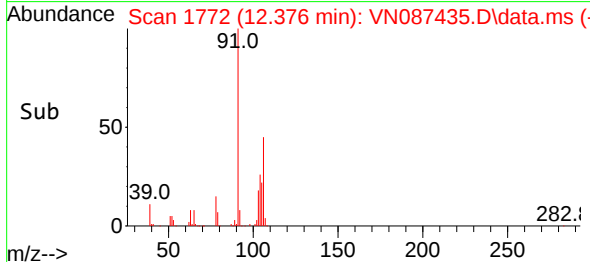
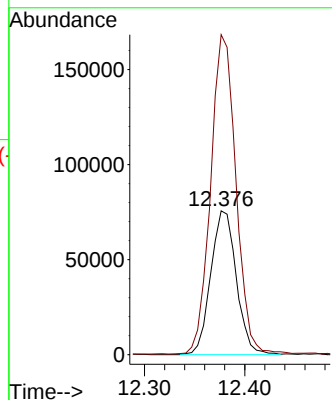
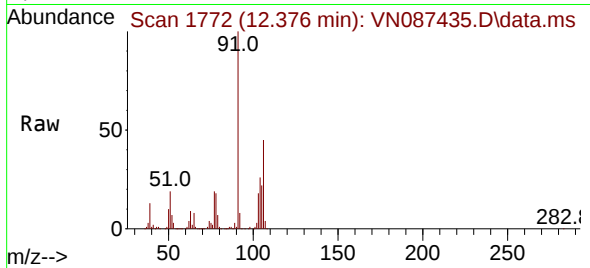




#68
o-Xylene
Concen: 19.631 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

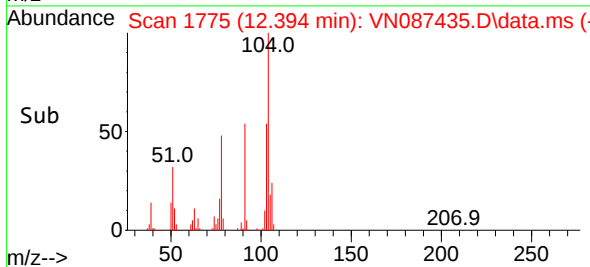
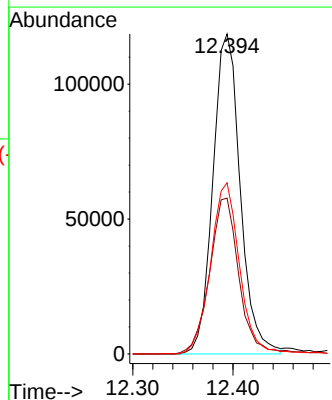
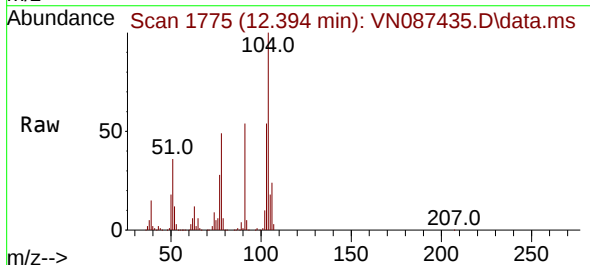
Instrument :
MSVOA_N
ClientSampleId :

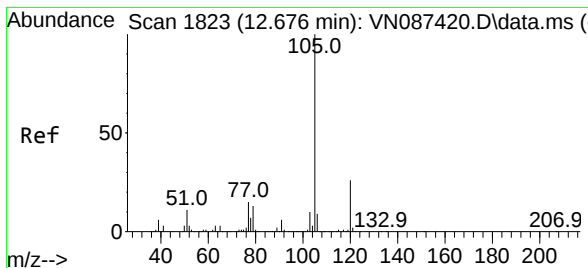
Tgt Ion:106 Resp: 134092
Ion Ratio Lower Upper
106 100
91 218.6 106.9 320.8



#69
Styrene
Concen: 19.241 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion:104 Resp: 224805
Ion Ratio Lower Upper
104 100
78 51.7 40.6 60.8
103 56.7 43.8 65.8





#70

Isopropylbenzene

Concen: 19.798 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

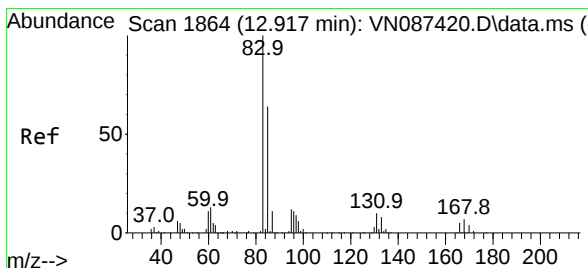
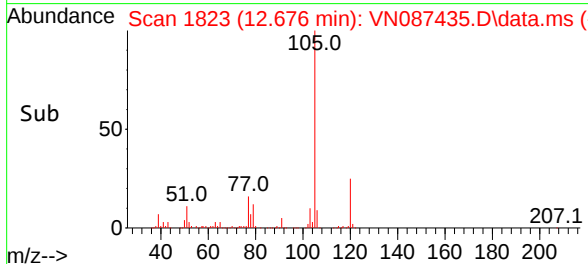
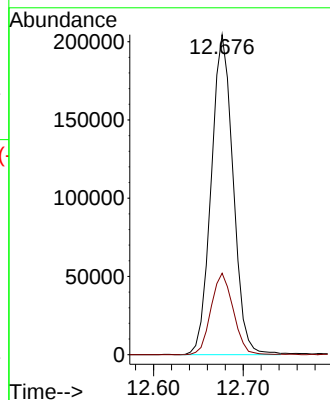
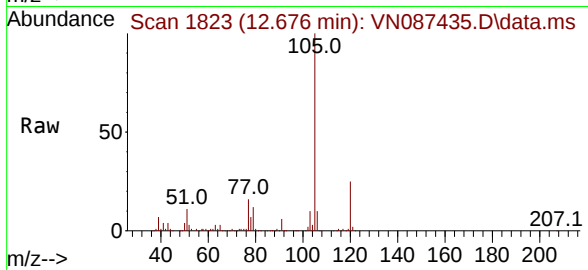
ClientSampleId :

Tgt Ion:105 Resp: 347281

Ion Ratio Lower Upper

105 100

120 25.8 18.1 33.5



#71

1,1,2,2-Tetrachloroethane

Concen: 20.504 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

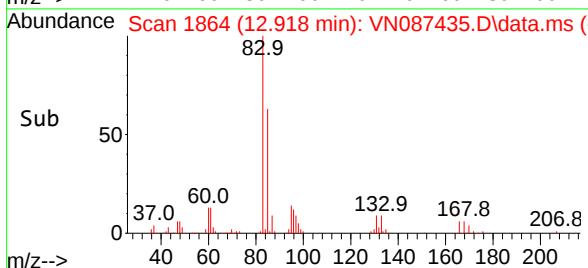
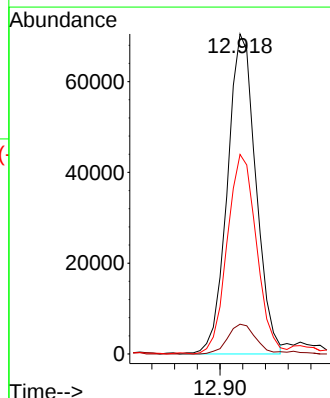
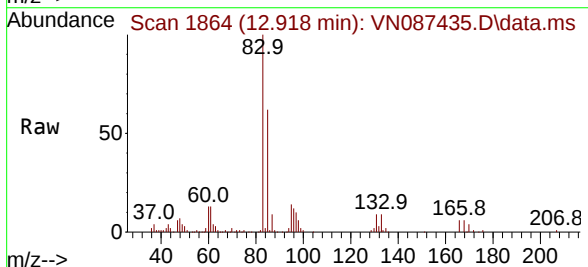
Tgt Ion: 83 Resp: 122643

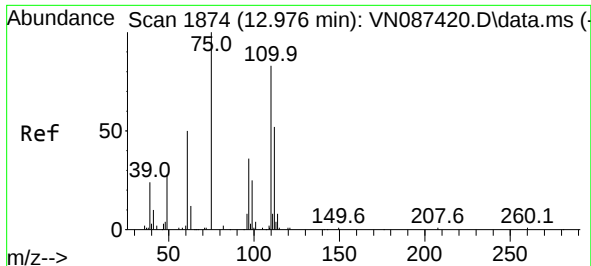
Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

85 64.2 32.7 98.1

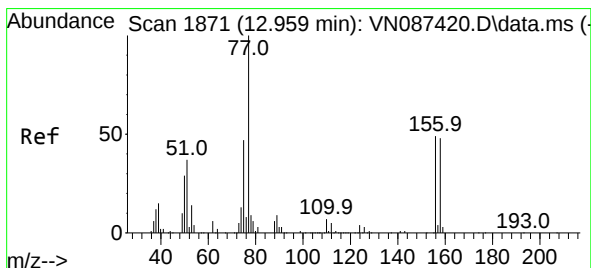
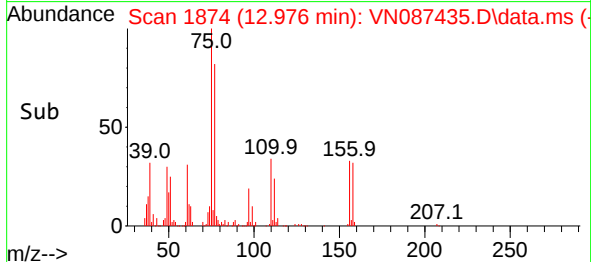
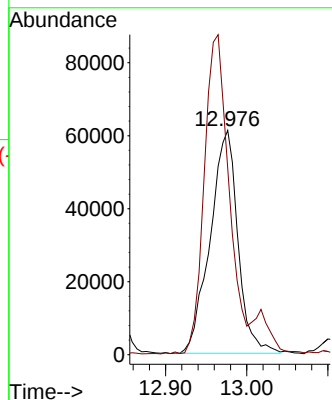
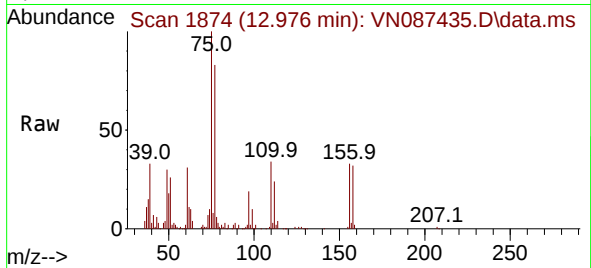




#72
1,2,3-Trichloropropane
Concen: 26.719 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

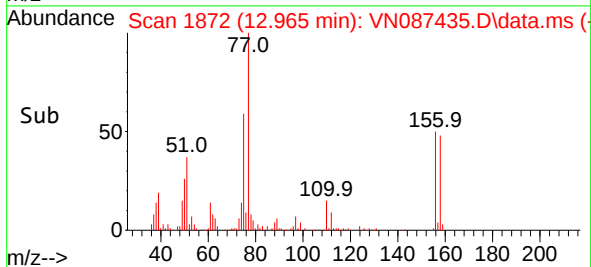
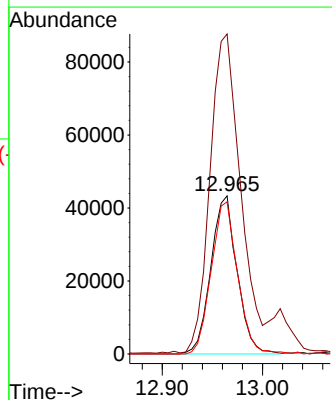
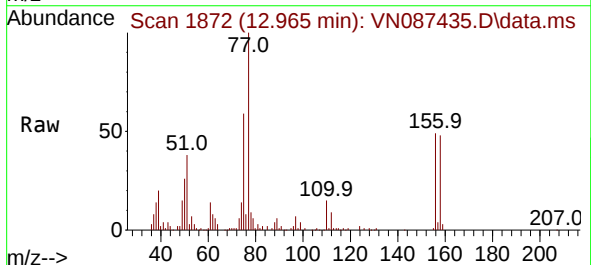
Instrument :
MSVOA_N
ClientSampleId :

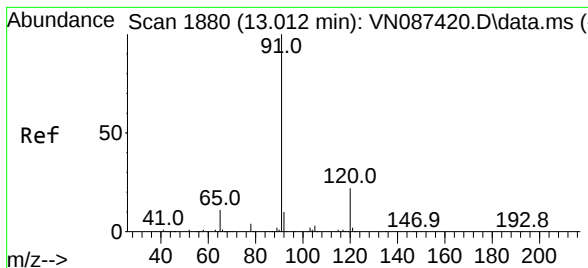
Tgt Ion: 75 Resp: 145373
Ion Ratio Lower Upper
75 100
77 125.7 0.0 322.6



#73
Bromobenzene
Concen: 19.245 ug/l
RT: 12.965 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 156 Resp: 78438
Ion Ratio Lower Upper
156 100
77 232.9 0.0 483.0
158 96.8 0.0 195.0





#74

n-propylbenzene

Concen: 19.756 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

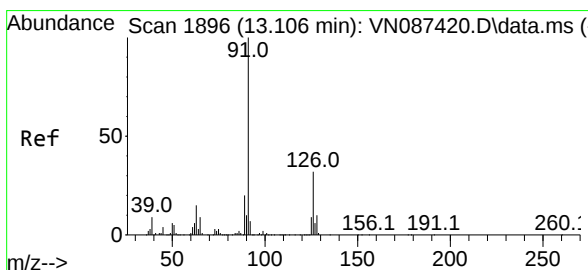
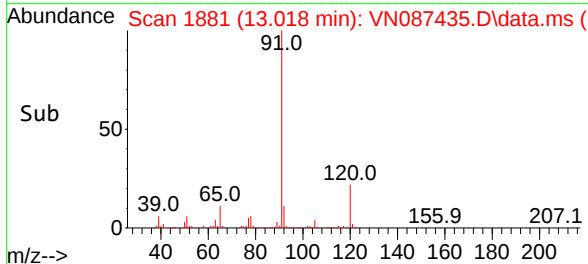
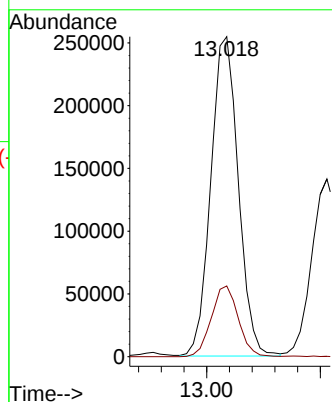
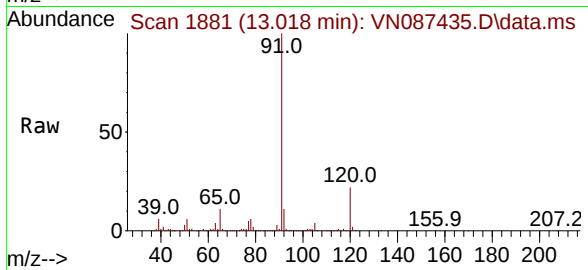
ClientSampleId :

Tgt Ion: 91 Resp: 427870

Ion Ratio Lower Upper

91 100

120 21.7 0.0 44.0



#75

2-Chlorotoluene

Concen: 19.327 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VN087435.D

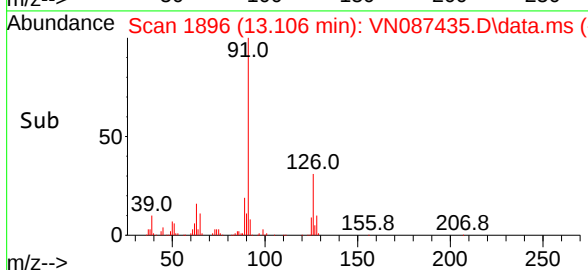
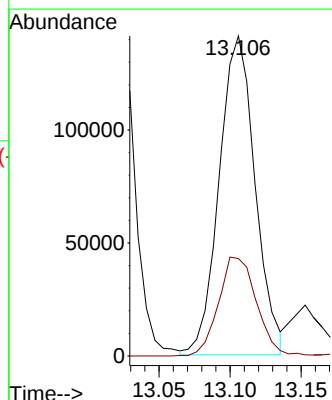
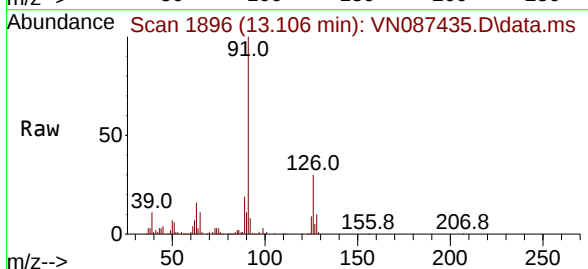
Acq: 28 Jul 2025 16:34

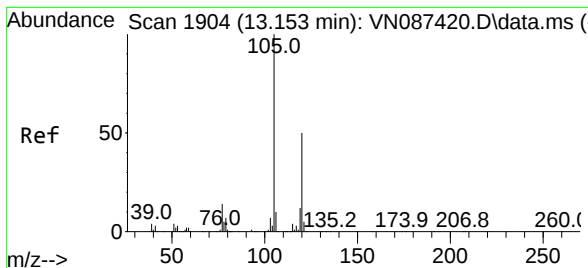
Tgt Ion: 91 Resp: 248409

Ion Ratio Lower Upper

91 100

126 32.3 0.0 64.4

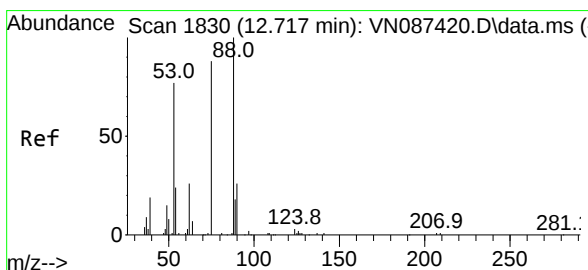
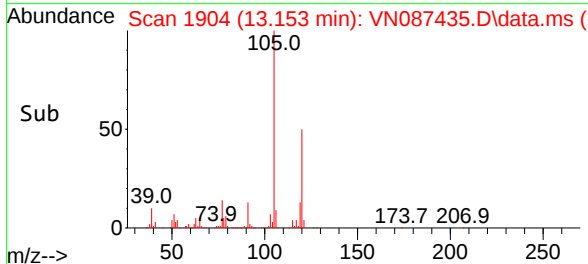
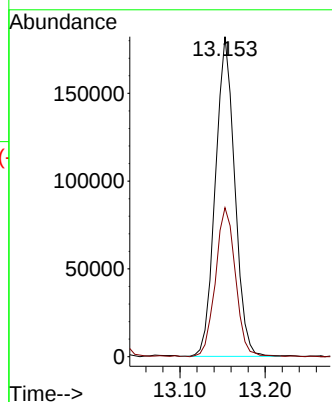
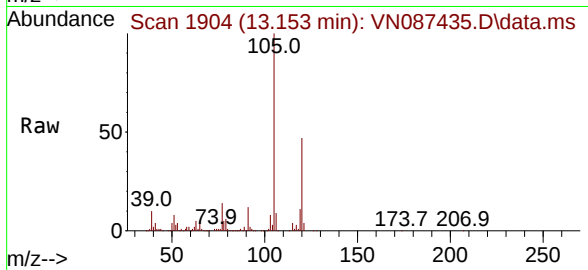




#76
 1,3,5-Trimethylbenzene
 Concen: 19.782 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

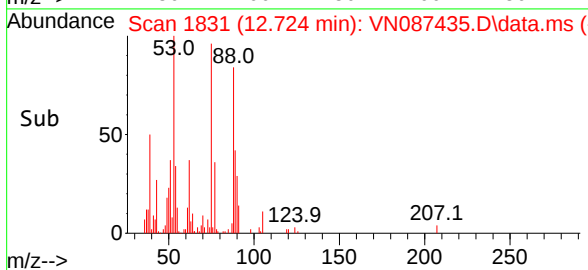
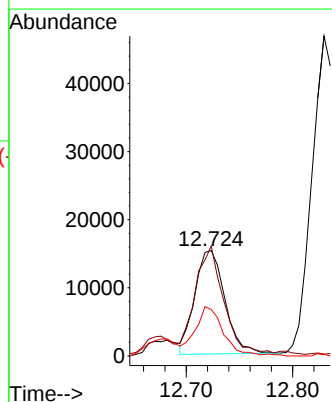
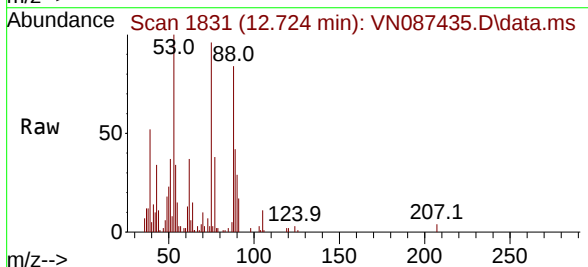
Instrument :
 MSVOA_N
 ClientSampleId :

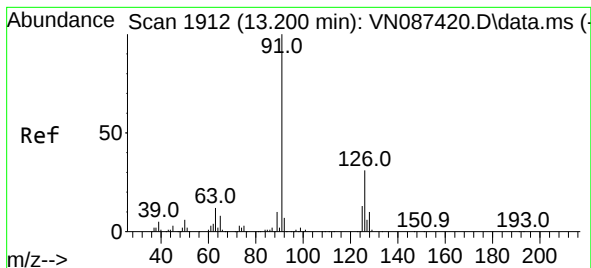
Tgt Ion:105 Resp: 287479
 Ion Ratio Lower Upper
 105 100
 120 48.0 0.0 97.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 12.906 ug/l
 RT: 12.724 min Scan# 1831
 Delta R.T. 0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Tgt Ion: 75 Resp: 29797
 Ion Ratio Lower Upper
 75 100
 53 102.7 44.3 132.8
 89 44.2 22.4 67.3





#78

4-Chlorotoluene

Concen: 19.432 ug/l

RT: 13.200 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

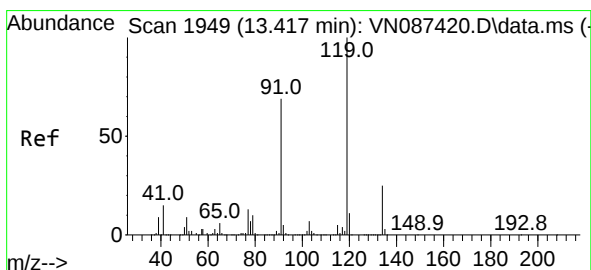
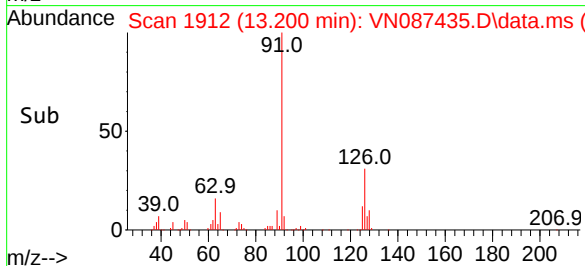
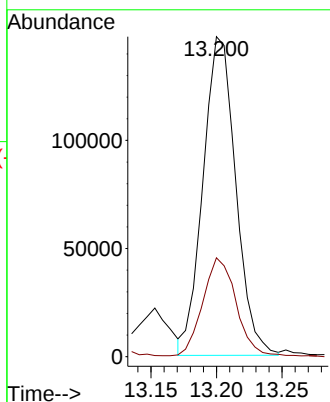
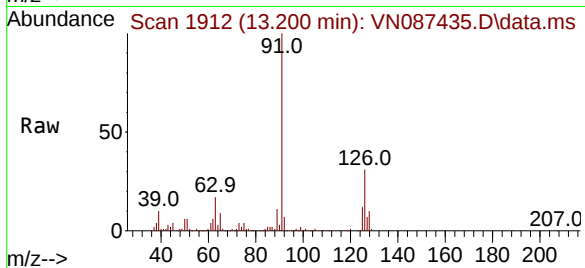
ClientSampleId :

Tgt Ion: 91 Resp: 256473

Ion Ratio Lower Upper

91 100

126 31.2 0.0 63.4



#79

tert-butylbenzene

Concen: 19.589 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

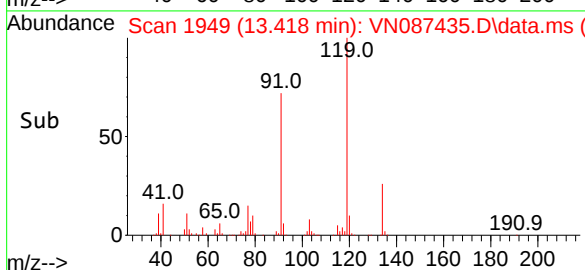
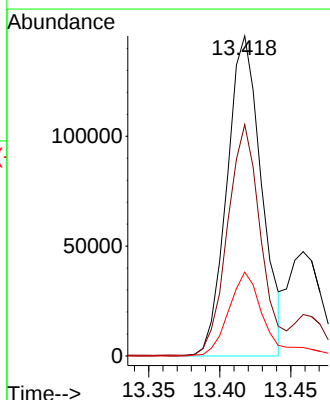
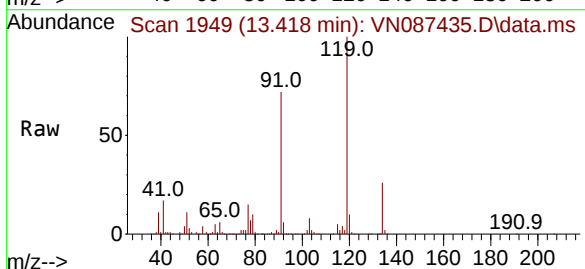
Tgt Ion: 119 Resp: 245925

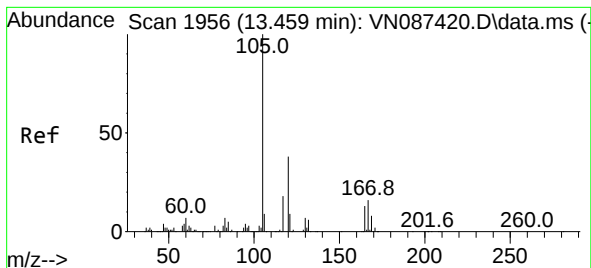
Ion Ratio Lower Upper

119 100

91 69.9 0.0 135.4

134 25.5 0.0 49.2

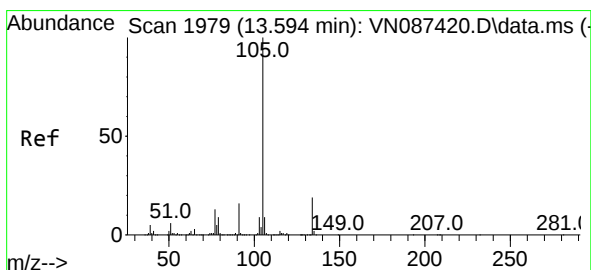
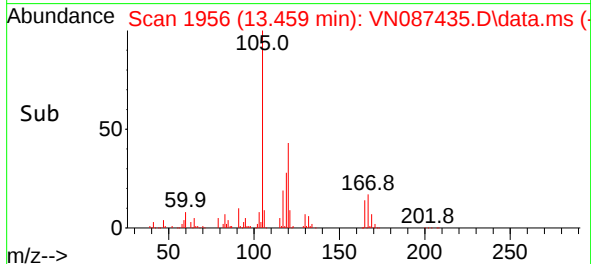
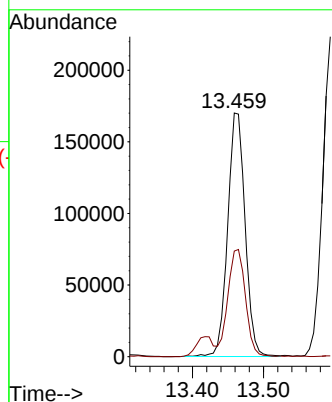
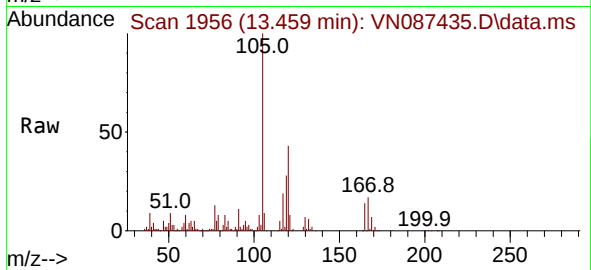




#80
1,2,4-Trimethylbenzene
Concen: 20.091 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

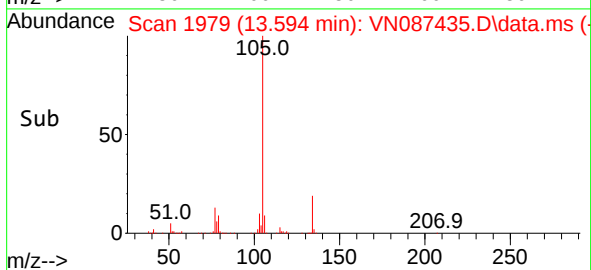
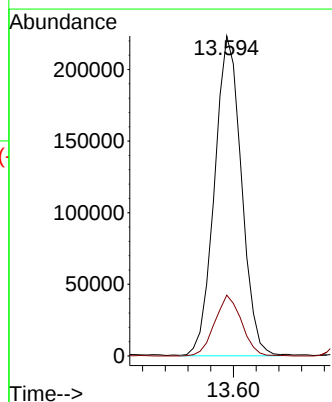
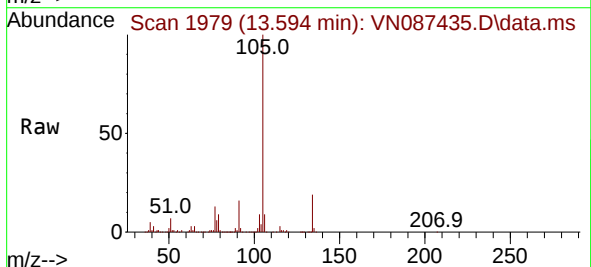
Instrument :
MSVOA_N
ClientSampleId :

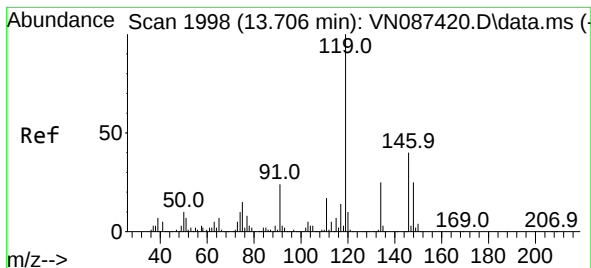
Tgt Ion:105 Resp: 289712
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.6



#81
sec-Butylbenzene
Concen: 19.718 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion:105 Resp: 367695
Ion Ratio Lower Upper
105 100
134 18.9 0.0 39.0





#82

p-Isopropyltoluene

Concen: 20.019 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

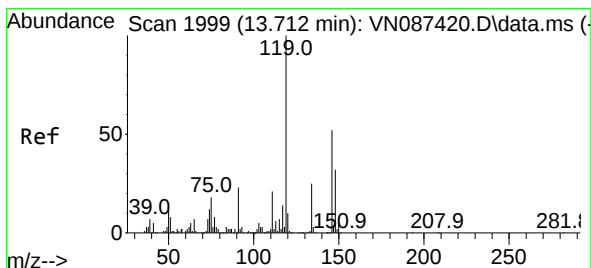
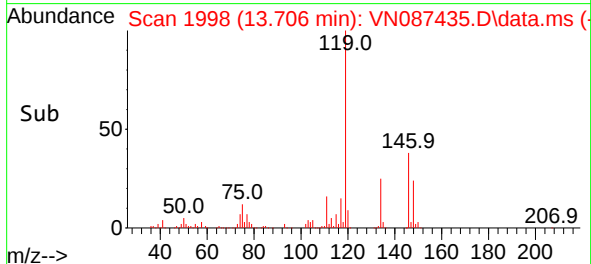
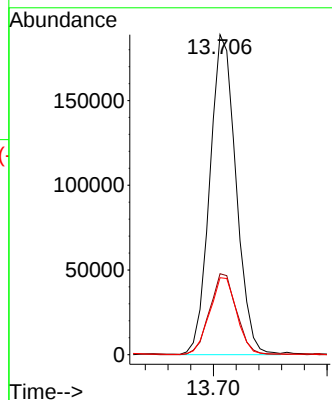
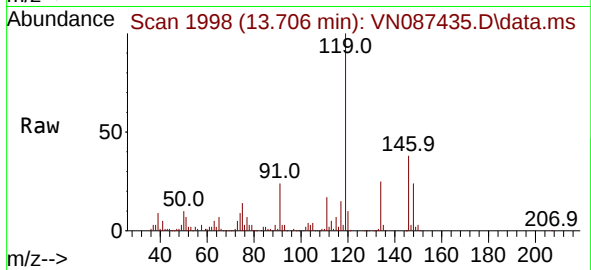
Tgt Ion:119 Resp: 303000

Ion Ratio Lower Upper

119 100

134 26.0 0.0 50.8

91 24.6 0.0 47.6



#83

1,3-Dichlorobenzene

Concen: 19.731 ug/l

RT: 13.718 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

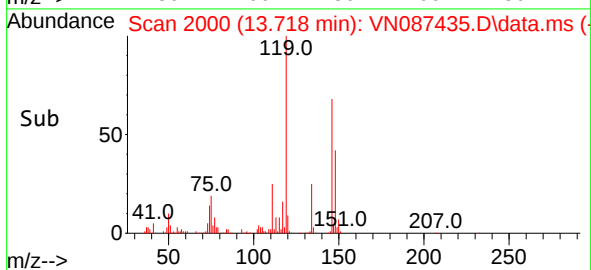
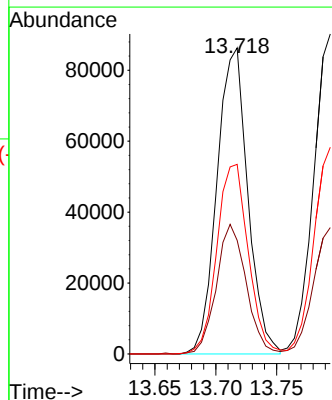
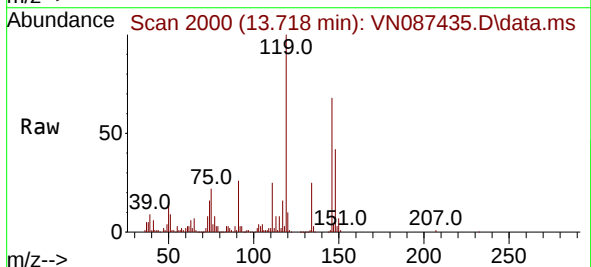
Tgt Ion:146 Resp: 152185

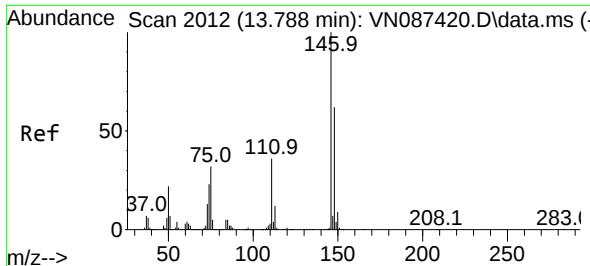
Ion Ratio Lower Upper

146 100

111 41.0 19.9 59.7

148 63.4 31.9 95.5

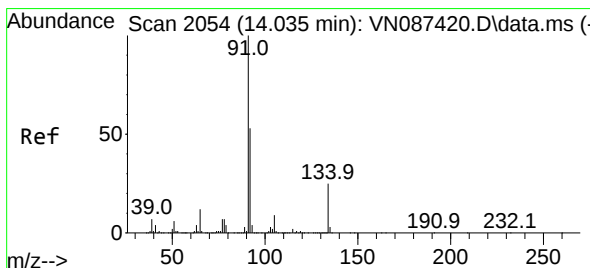
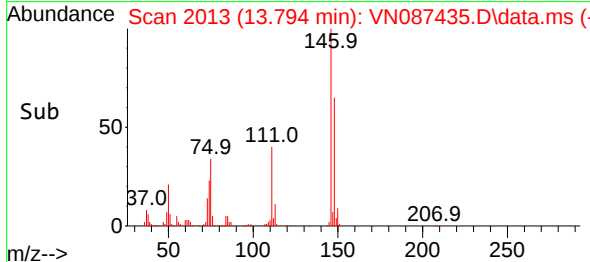
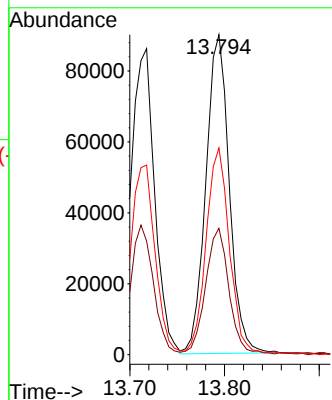
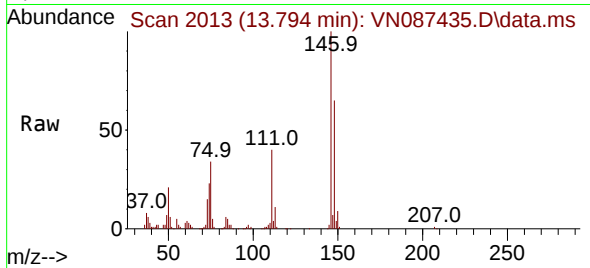




#84
1,4-Dichlorobenzene
Concen: 19.145 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

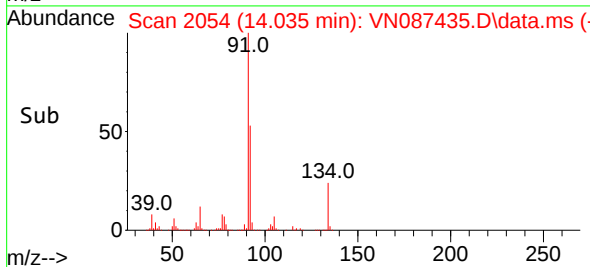
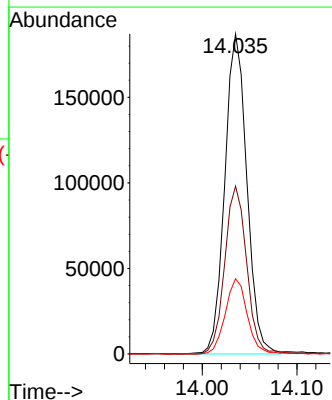
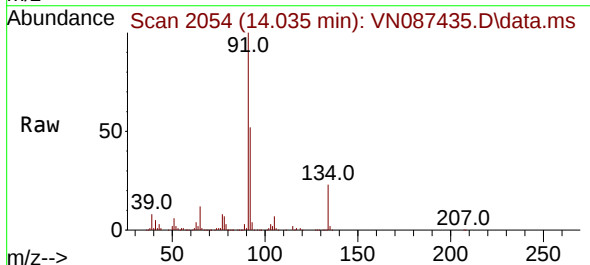
Instrument :
MSVOA_N
ClientSampleId :

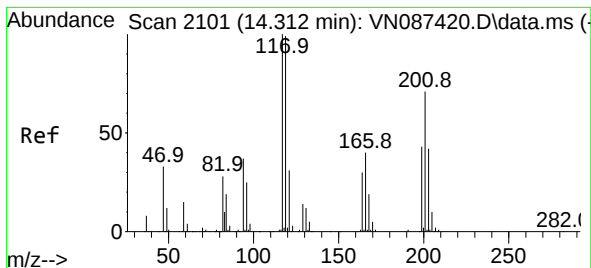
Tgt Ion:146 Resp: 154414
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.3
148 63.0 31.4 94.2



#85
n-Butylbenzene
Concen: 19.834 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

Tgt Ion: 91 Resp: 302344
Ion Ratio Lower Upper
91 100
92 52.2 0.0 104.8
134 23.3 0.0 49.0





#86

Hexachloroethane

Concen: 17.424 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

Instrument :

MSVOA_N

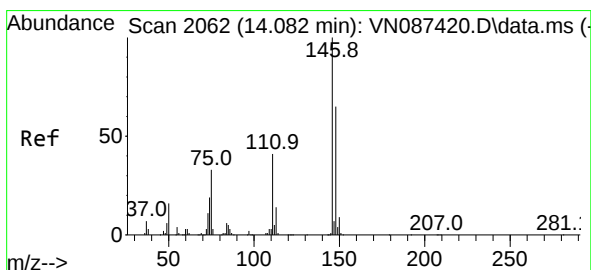
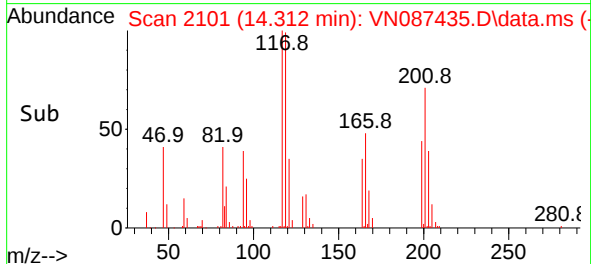
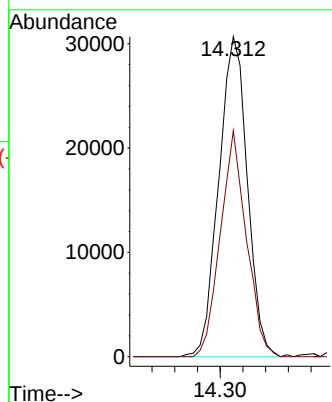
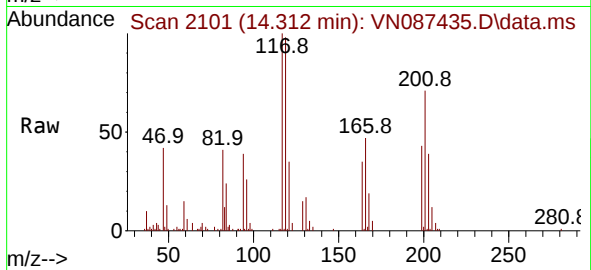
ClientSampleId :

Tgt Ion:117 Resp: 53562

Ion Ratio Lower Upper

117 100

201 64.5 32.7 98.1



#87

1,2-Dichlorobenzene

Concen: 19.427 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN087435.D

Acq: 28 Jul 2025 16:34

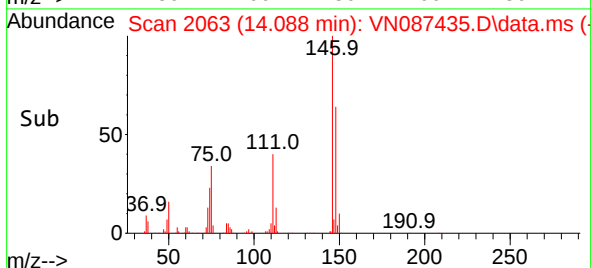
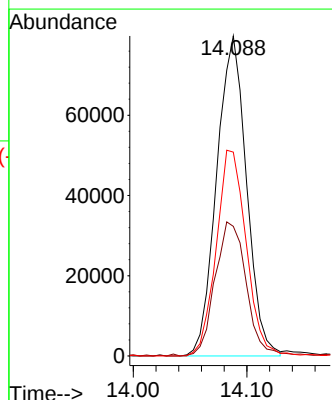
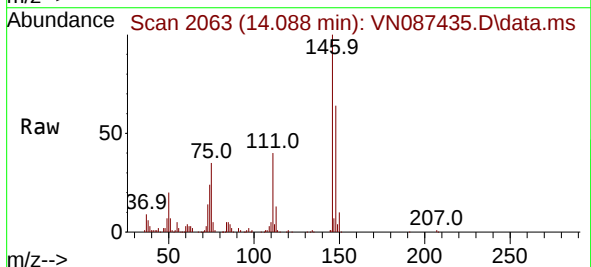
Tgt Ion:146 Resp: 145662

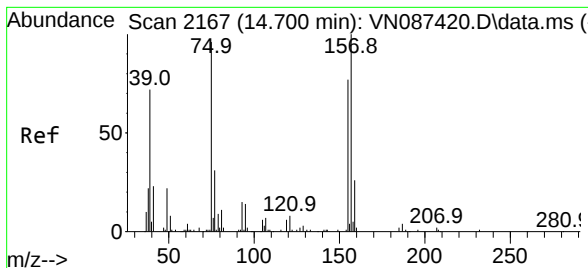
Ion Ratio Lower Upper

146 100

111 43.9 20.6 61.9

148 64.7 32.5 97.5

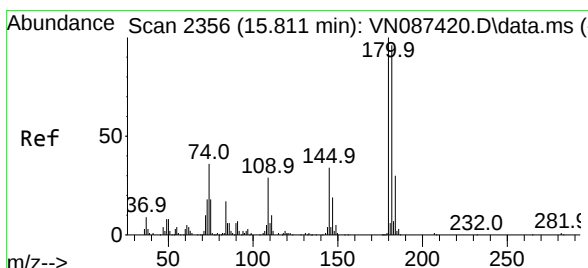
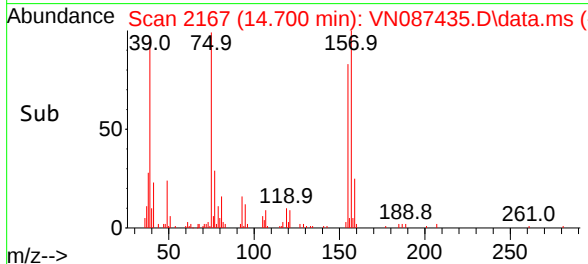
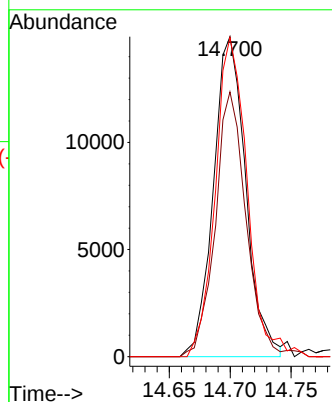
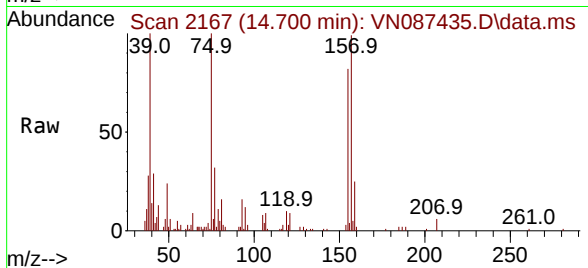




#88
1,2-Dibromo-3-Chloropropane
Concen: 19.928 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

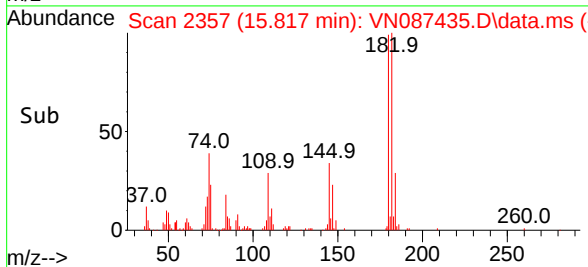
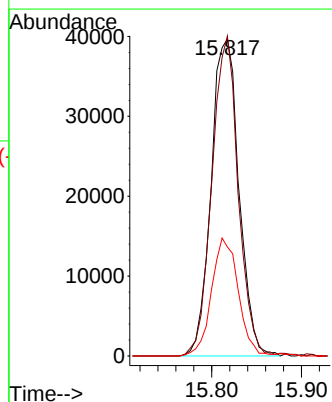
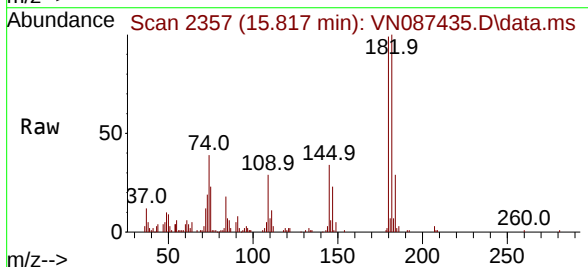
Instrument :
MSVOA_N
ClientSampleId :

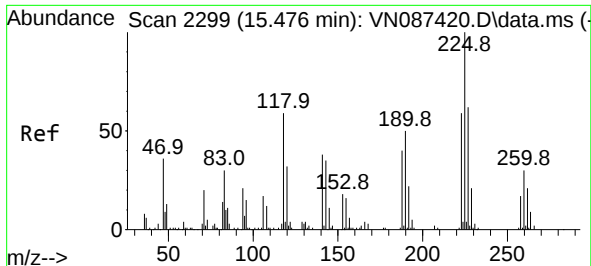
Tgt Ion: 75 Resp: 27512
Ion Ratio Lower Upper
75 100
155 78.7 64.4 96.6
157 96.2 82.3 123.5



#89
1,2,4-Trichlorobenzene
Concen: 18.695 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

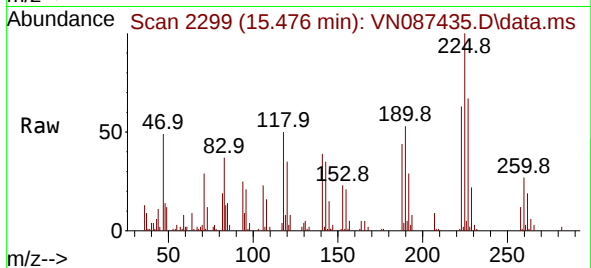
Tgt Ion:180 Resp: 85496
Ion Ratio Lower Upper
180 100
182 95.2 74.7 112.1
145 35.5 27.4 41.2



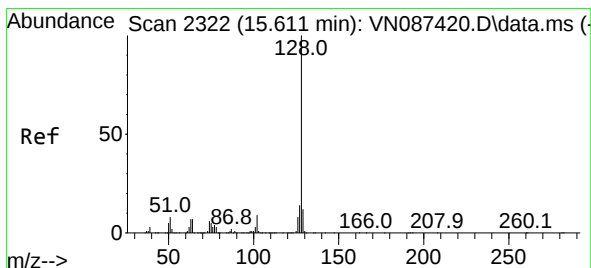
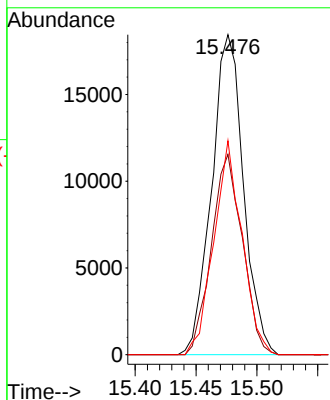
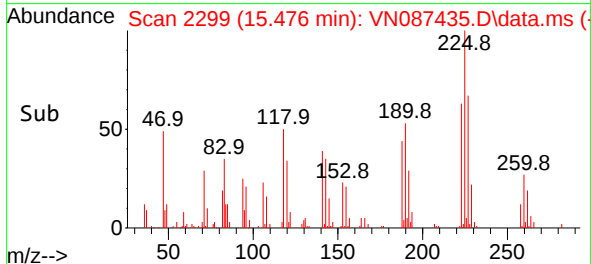


#90
Hexachlorobutadiene
Concen: 19.288 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34

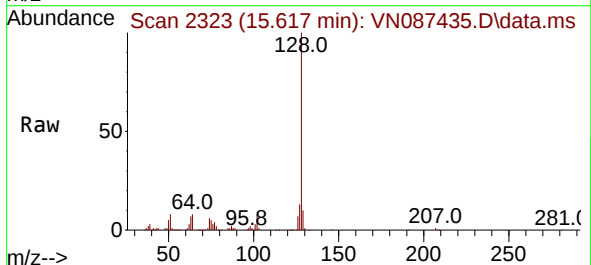
Instrument :
MSVOA_N
ClientSampleId :



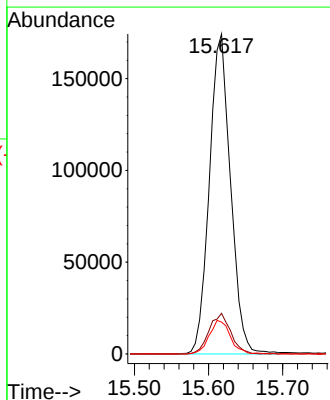
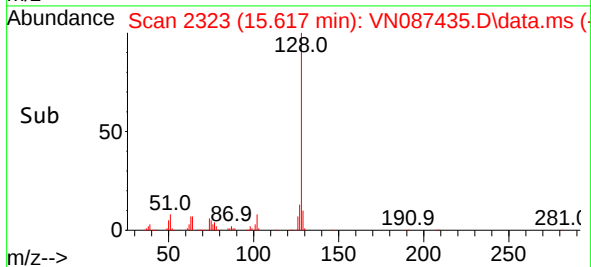
Tgt Ion:225 Resp: 33584
Ion Ratio Lower Upper
225 100
223 60.7 0.0 125.4
227 59.5 0.0 125.0

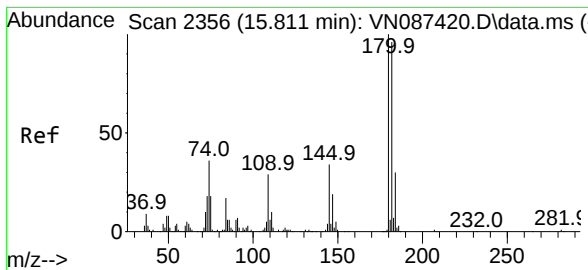


#91
Naphthalene
Concen: 20.018 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087435.D
Acq: 28 Jul 2025 16:34



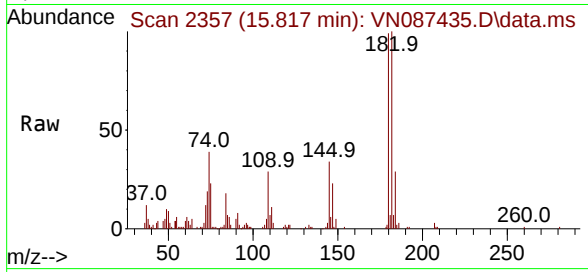
Tgt Ion:128 Resp: 345995
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.4 9.1 13.7





#92
 1,2,3-Trichlorobenzene
 Concen: 18.695 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087435.D
 Acq: 28 Jul 2025 16:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	85496
Ion Ratio	Lower	Upper	
180	100		
182	95.2	0.0	186.8
145	35.5	0.0	68.6

