

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080725\
 Data File : VN087483.D
 Acq On : 07 Aug 2025 10:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 08 01:14:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	63498	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	347356	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	314308	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	173800	29.675	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.933%
60) 4-Bromofluorobenzene	12.829	95	160074	29.594	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.633%
63) Toluene-d8	10.547	98	439722	30.405	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	79651	19.213	ug/l	99
3) Chloromethane	2.383	50	83090	19.535	ug/l	97
4) Vinyl Chloride	2.536	62	88915	19.709	ug/l #	88
5) Bromomethane	2.983	94	48153	19.720	ug/l	90
6) Chloroethane	3.142	64	59921	20.598	ug/l	97
7) Trichlorofluoromethane	3.512	101	122596	18.882	ug/l	90
8) Diethyl Ether	3.965	74	54409	20.115	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	64107	19.363	ug/l	96
10) 1,1-Dichloroethene	4.336	96	69879	20.093	ug/l	97
11) Methyl Iodide	4.583	142	37866	13.828	ug/l	98
12) Methyl Acetate	5.012	43	65602	10.222	ug/l	94
13) Acrolein	4.177	56	124360	126.872	ug/l	99
14) Acrylonitrile	5.712	53	266629	95.143	ug/l	98
15) Acetone	4.424	58	84594	105.648	ug/l	100
16) Carbon Disulfide	4.700	76	201654	18.693	ug/l	98
17) Allyl chloride	5.006	41	61080	8.617	ug/l	98
18) Methylene Chloride	5.259	84	87779	19.606	ug/l #	88
19) trans-1,2-Dichloroethene	5.777	96	76991	18.616	ug/l	96
20) Diisopropyl ether	6.659	45	301613	18.678	ug/l	94
21) 1,1-Dichloroethane	6.553	63	161023	19.291	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	98213	19.301	ug/l	99
23) tert-Butyl Alcohol	5.524	59	111260	93.432	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	303730	19.167	ug/l	99
25) Chloroform	7.953	83	171872	19.726	ug/l	95
26) Cyclohexane	8.236	56	129047	19.309	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	109644	19.353	ug/l	98
30) 2-Butanone	7.471	43	419749	100.513	ug/l	99
31) 2,2-Dichloropropane	7.471	77	146812	20.092	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	141241	19.547	ug/l	97
33) Carbon Tetrachloride	8.347	117	114261	19.035	ug/l	98
34) Benzene	8.588	78	353413	19.762	ug/l	98
35) Methacrylonitrile	7.765	41	90032	19.978	ug/l	93
36) 1,2-Dichloroethane	8.653	62	142980	19.781	ug/l	100
37) Trichloroethene	9.335	130	78361	19.892	ug/l	84
38) Methylcyclohexane	9.582	83	120863	18.389	ug/l	98
39) 1,2-Dichloropropane	9.606	63	91199	19.889	ug/l	97
40) Dibromomethane	9.688	93	66010	19.187	ug/l	95
41) Bromodichloromethane	9.871	83	140866	19.705	ug/l	100
42) Vinyl Acetate	6.589	43	1350521	98.202	ug/l	99

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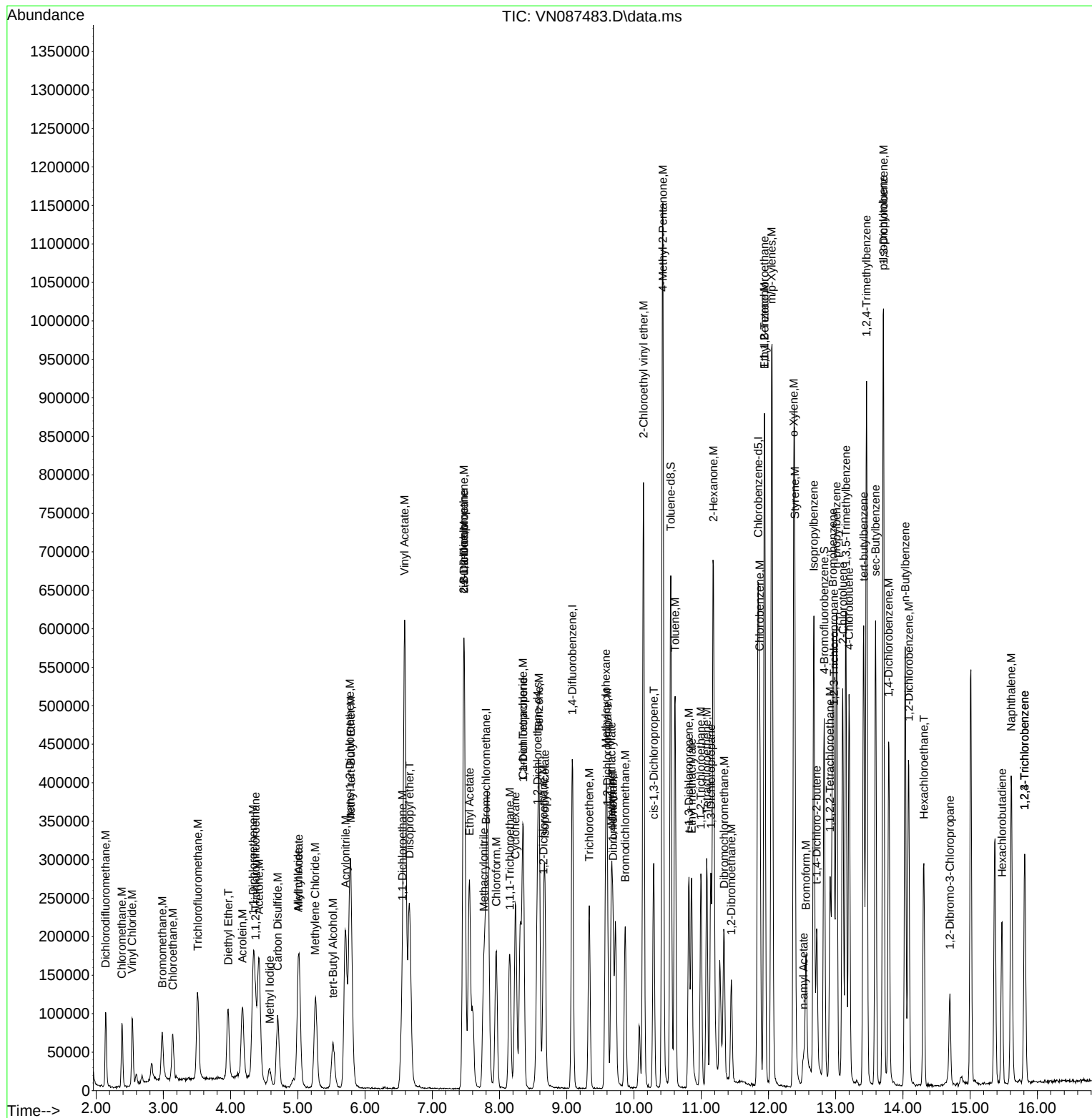
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	159330	19.749	ug/l	99
44) Isopropyl Acetate	8.677	43	266220	19.467	ug/l	100
45) 1,4-Dioxane	9.682	88	34093	391.059	ug/l	96
46) Methyl methacrylate	9.665	41	107778	16.696	ug/l	91
47) n-amyl Acetate	12.523	43	32238	4.267	ug/l	97
48) t-1,3-Dichloropropene	10.818	75	147956	19.024	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	155969	19.927	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	86709	19.948	ug/l	98
51) Ethyl methacrylate	10.859	69	147415	19.257	ug/l	97
52) 1,3-Dichloropropane	11.147	76	156131	19.937	ug/l	99
53) Dibromochloromethane	11.341	129	98080	19.538	ug/l	96
54) 1,2-Dibromoethane	11.447	107	90449	19.602	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	346444	85.967	ug/l	99
56) Bromoform	12.559	173	60780	18.306	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	812035	100.431	ug/l	100
59) 2-Hexanone	11.182	43	535992	97.565	ug/l	98
61) Tetrachloroethene	11.082	164	60076	19.619	ug/l	93
62) Toluene	10.612	91	385997	19.898	ug/l	98
64) Chlorobenzene	11.871	112	236023	19.800	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	83140	19.838	ug/l	98
66) Ethyl Benzene	11.941	91	424869	19.650	ug/l	99
67) m/p-Xylenes	12.047	106	309782	39.032	ug/l	96
68) o-Xylene	12.376	106	150621	19.291	ug/l	99
69) Styrene	12.394	104	260927	19.571	ug/l	99
70) Isopropylbenzene	12.676	105	382726	19.294	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	135822	19.983	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	184726	29.174	ug/l	53
73) Bromobenzene	12.959	156	90923	19.772	ug/l	97
74) n-propylbenzene	13.012	91	485735	19.607	ug/l	99
75) 2-Chlorotoluene	13.106	91	296250	19.440	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	331231	19.502	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	41109	17.151	ug/l	90
78) 4-Chlorotoluene	13.200	91	307564	19.916	ug/l	97
79) tert-butylbenzene	13.418	119	271425	18.954	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	333488	19.650	ug/l	100
81) sec-Butylbenzene	13.594	105	408532	19.596	ug/l	100
82) p-Isopropyltoluene	13.706	119	330199	19.076	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	173251	19.785	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	176355	19.864	ug/l	100
85) n-Butylbenzene	14.035	91	331418	19.569	ug/l	98
86) Hexachloroethane	14.312	117	63828	18.883	ug/l	98
87) 1,2-Dichlorobenzene	14.088	146	167238	20.007	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	33978	19.734	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	93029	18.623	ug/l	98
90) Hexachlorobutadiene	15.476	225	34638	17.832	ug/l	93
91) Naphthalene	15.611	128	363447	19.081	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	93029	18.623	ug/l	98

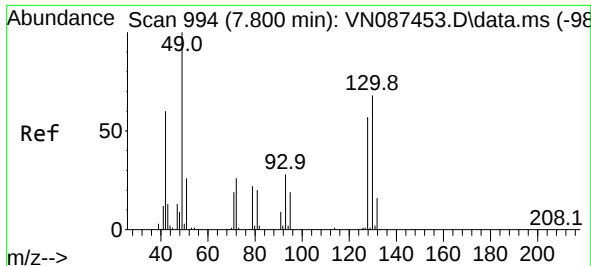
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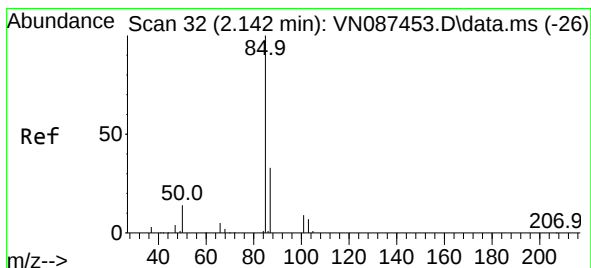
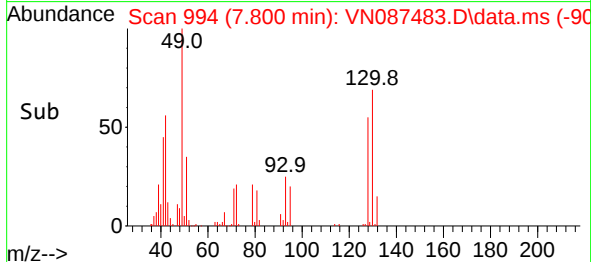
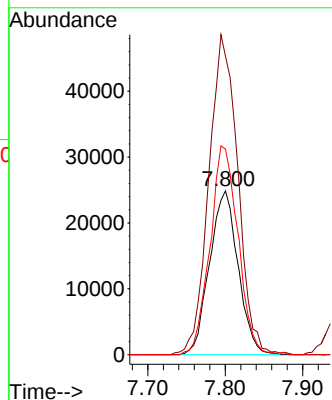
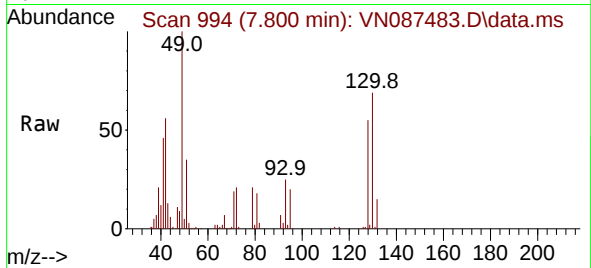




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087483.D
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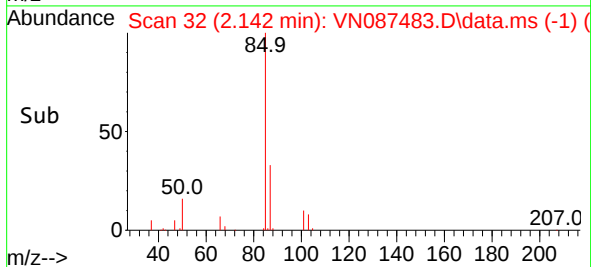
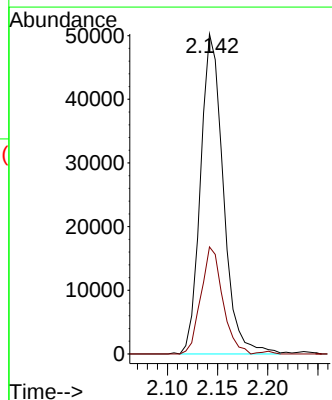
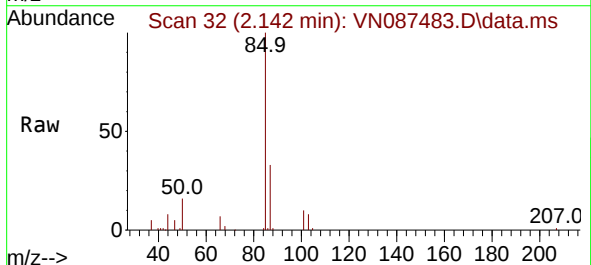
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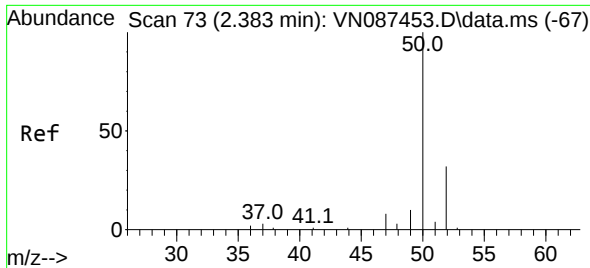
Tgt Ion:128 Resp: 63498
Ion Ratio Lower Upper
128 100
49 198.6 0.0 494.8
130 125.4 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 19.213 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 85 Resp: 79651
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2

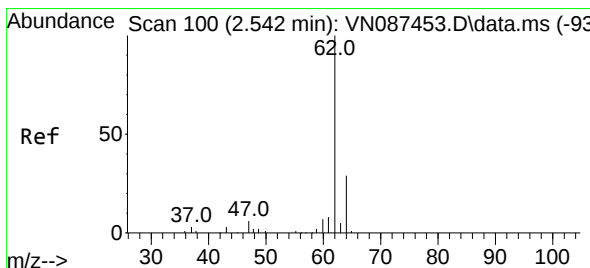
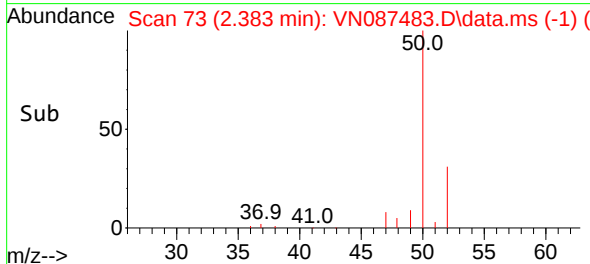
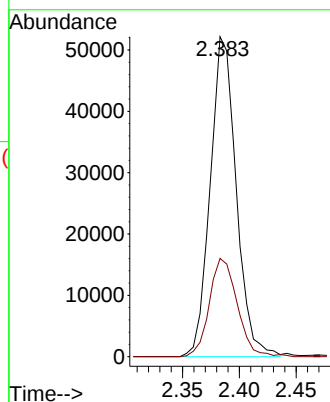
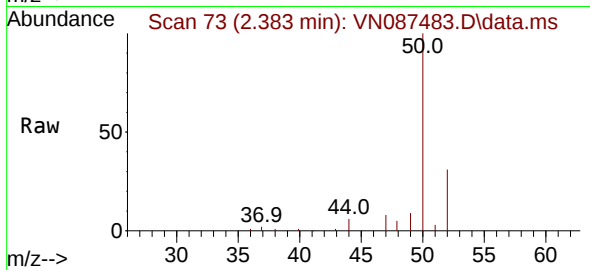




#3
Chloromethane
Concen: 19.535 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

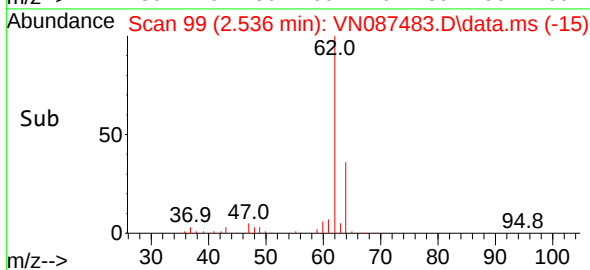
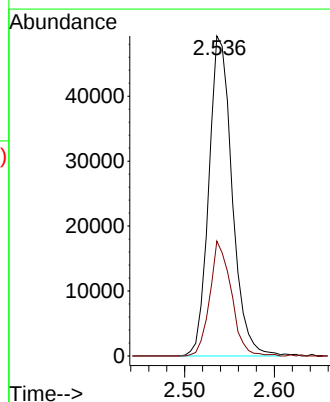
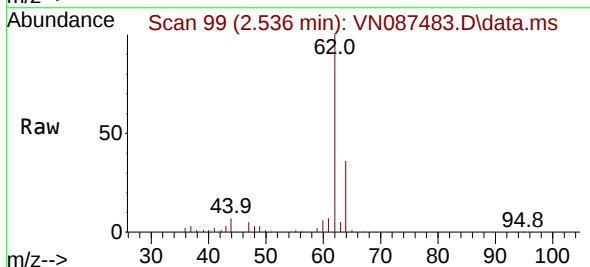
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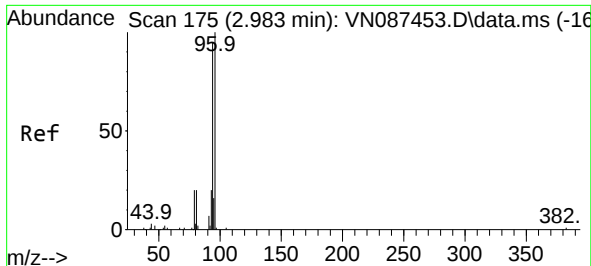
Tgt Ion: 50 Resp: 83090
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.6



#4
Vinyl Chloride
Concen: 19.709 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 62 Resp: 88915
Ion Ratio Lower Upper
62 100
64 35.9 23.4 35.2#

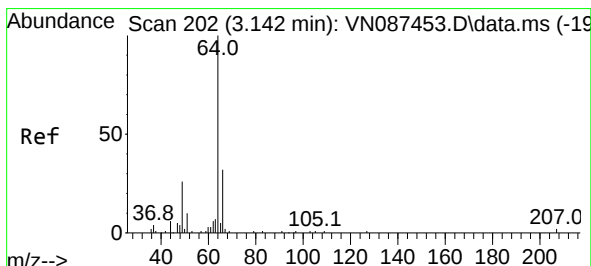
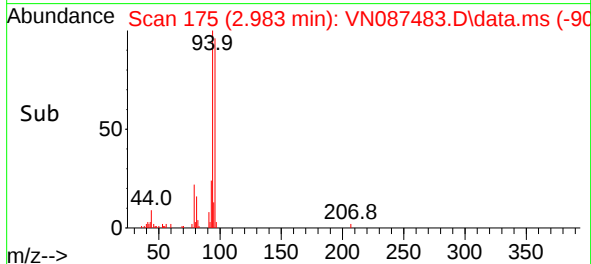
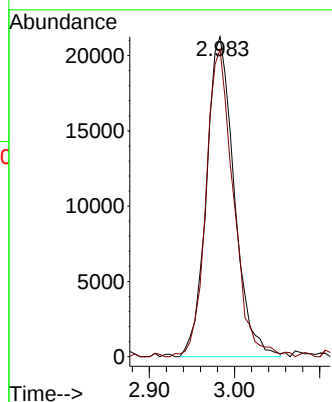
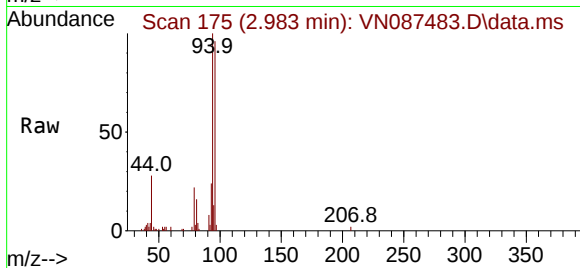




#5
Bromomethane
Concen: 19.720 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087483.D
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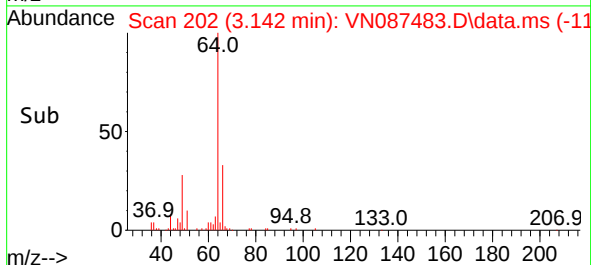
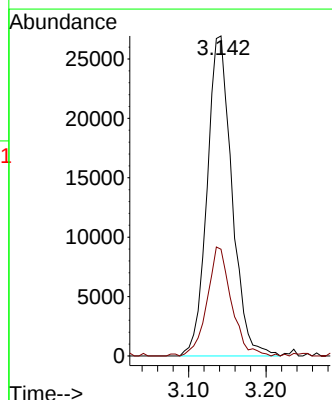
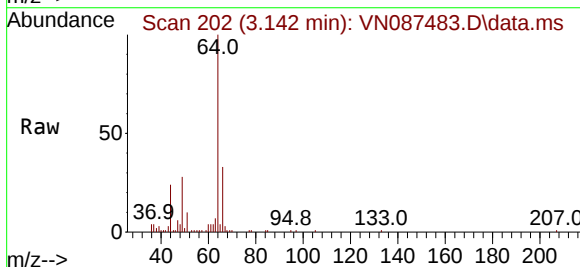
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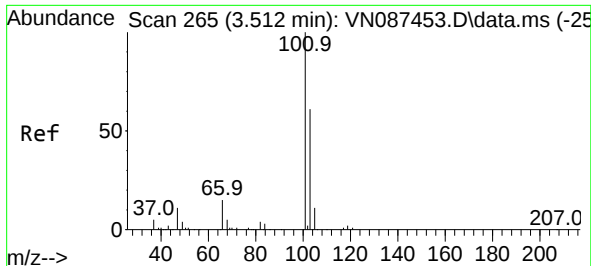
Tgt Ion: 94 Resp: 48153
Ion Ratio Lower Upper
94 100
96 95.3 84.2 126.4



#6
Chloroethane
Concen: 20.598 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 64 Resp: 59921
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

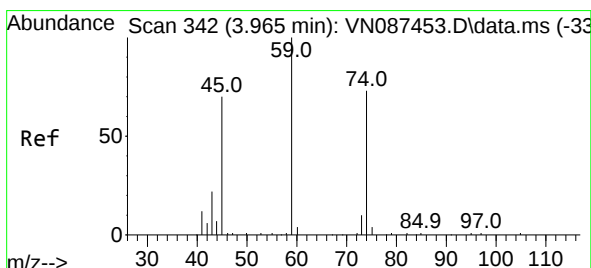
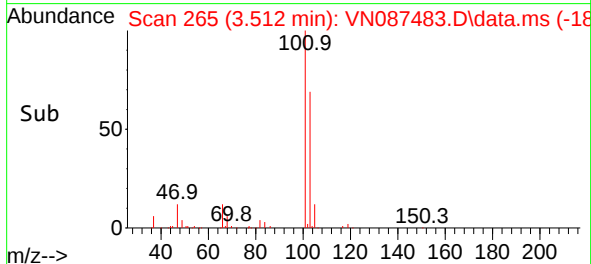
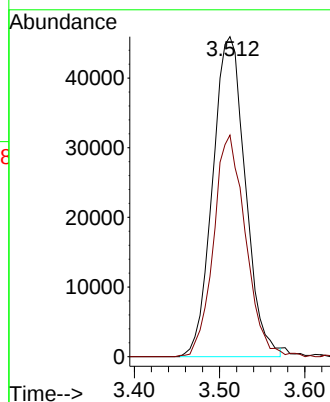
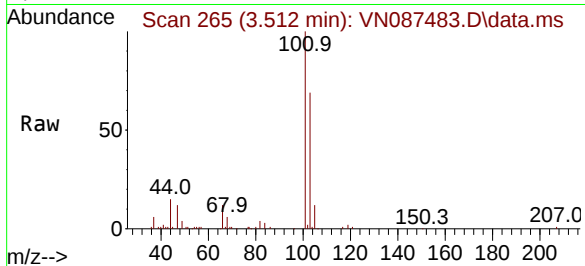




#7
Trichlorofluoromethane
Concen: 18.882 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.000 min
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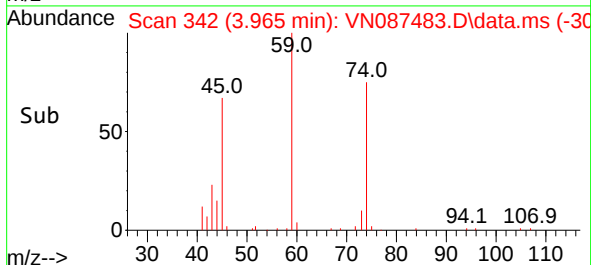
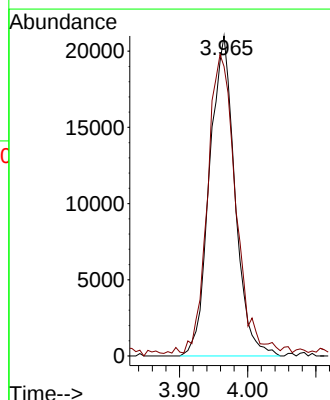
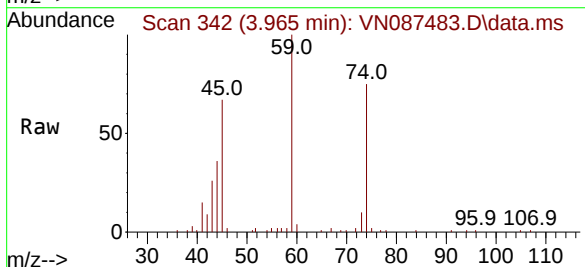
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Tgt Ion:101 Resp: 122596
Ion Ratio Lower Upper
101 100
103 68.8 49.2 73.8



#8
Diethyl Ether
Concen: 20.115 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 74 Resp: 54409
Ion Ratio Lower Upper
74 100
45 98.1 20.1 180.9

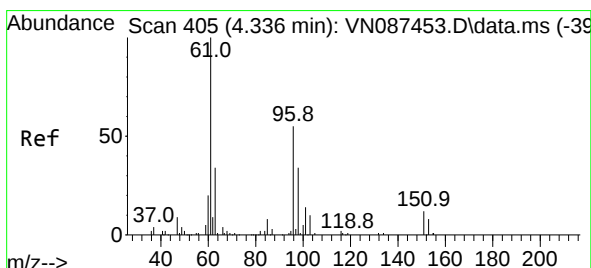
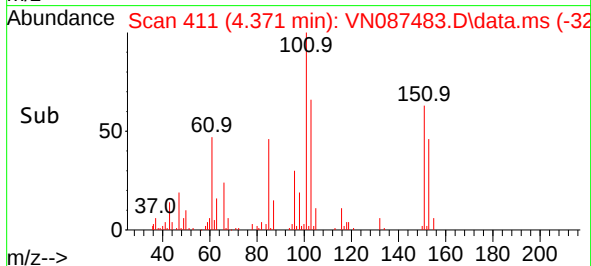
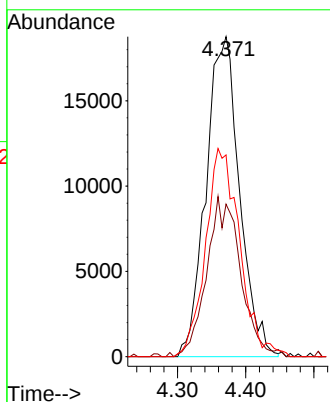
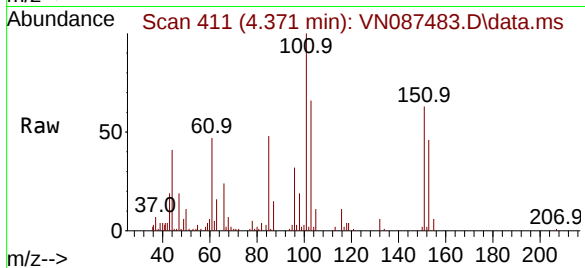




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.363 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
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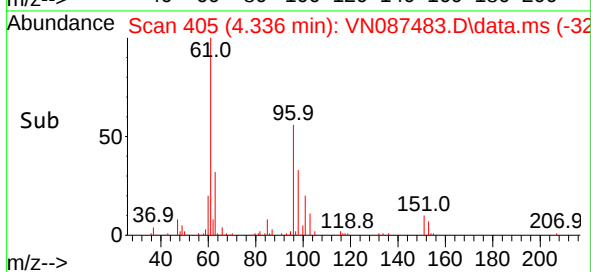
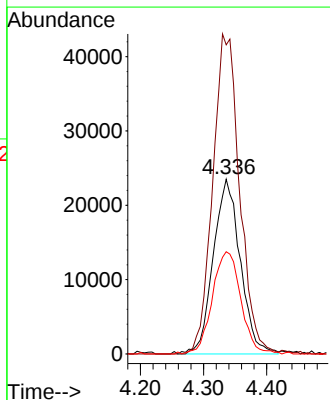
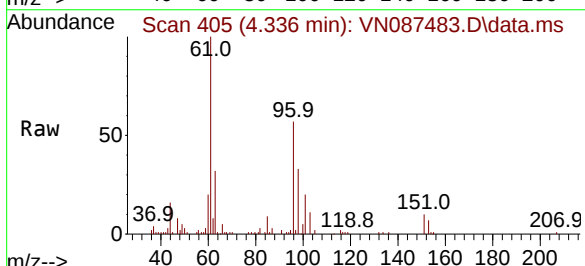
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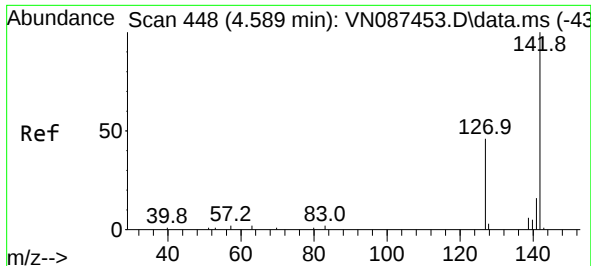
Tgt Ion:101 Resp: 64107
 Ion Ratio Lower Upper
 101 100
 85 24.7 0.0 57.0
 151 64.5 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 20.093 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion: 96 Resp: 69879
 Ion Ratio Lower Upper
 96 100
 61 176.9 144.2 216.4
 98 57.5 49.7 74.5

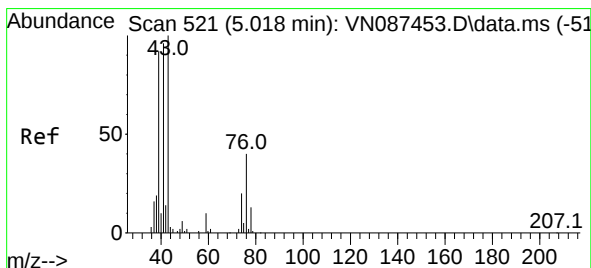
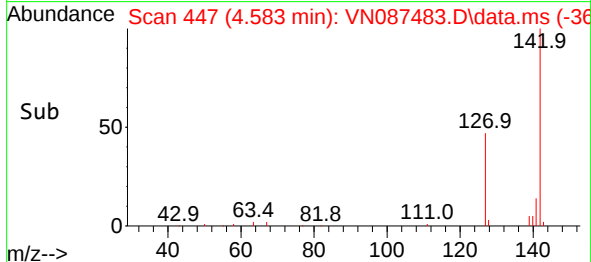
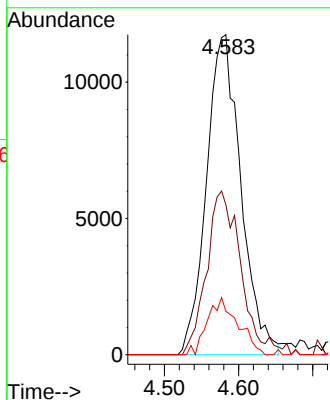
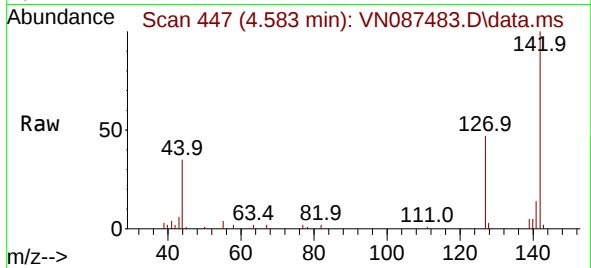




#11
Methyl Iodide
Concen: 13.828 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

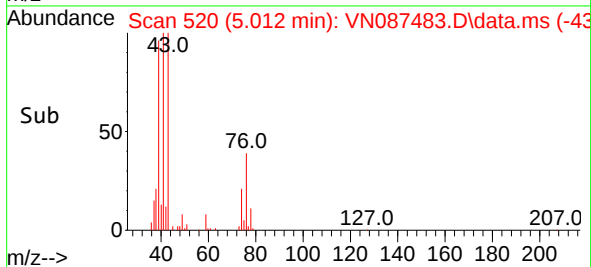
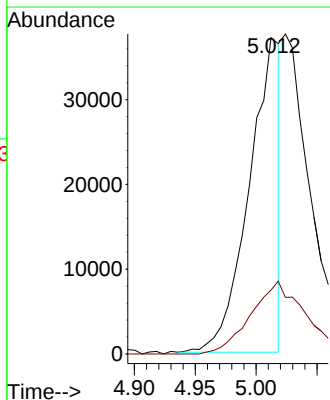
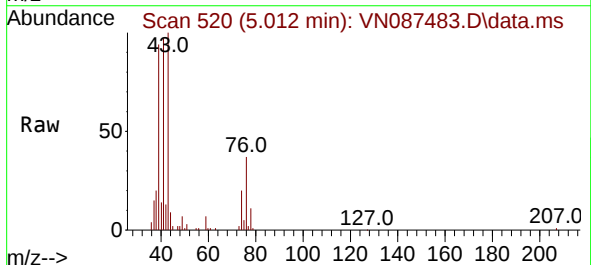
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

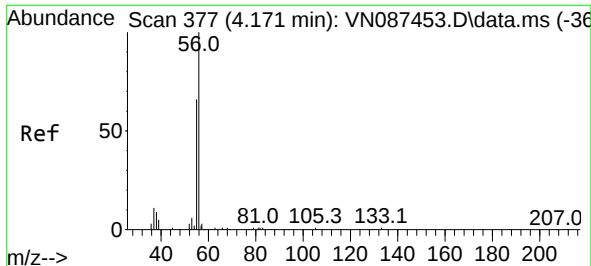
Tgt Ion:142 Resp: 37866
Ion Ratio Lower Upper
142 100
127 46.4 22.9 68.7
141 13.0 7.7 23.1



#12
Methyl Acetate
Concen: 10.222 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 43 Resp: 65602
Ion Ratio Lower Upper
43 100
74 17.1 16.0 24.0

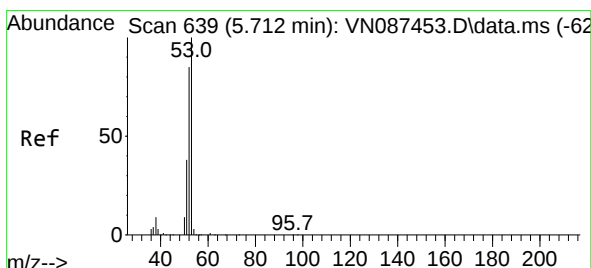
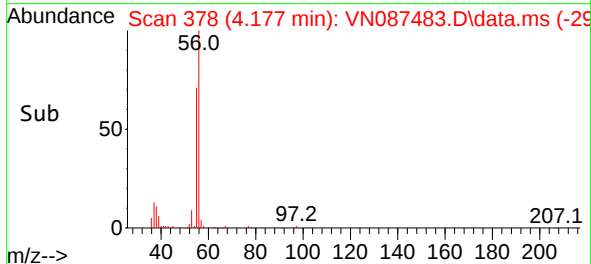
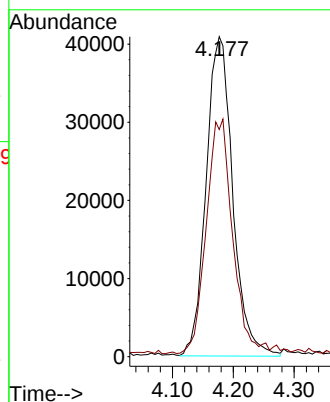
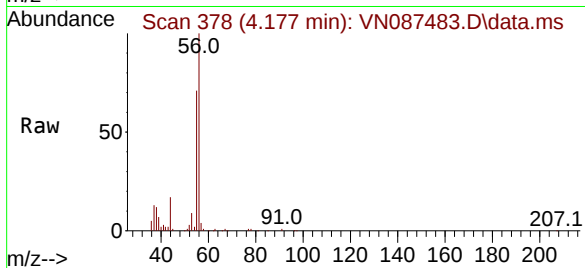




#13
Acrolein
Concen: 126.872 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

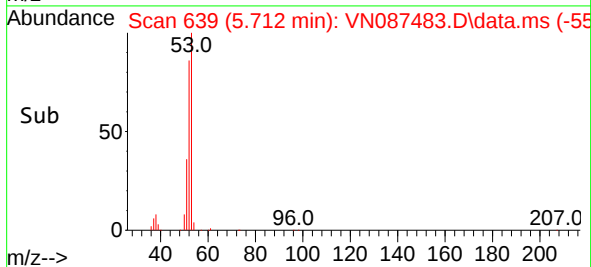
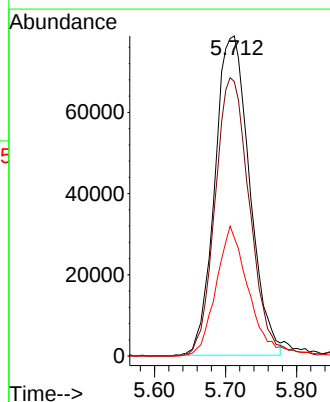
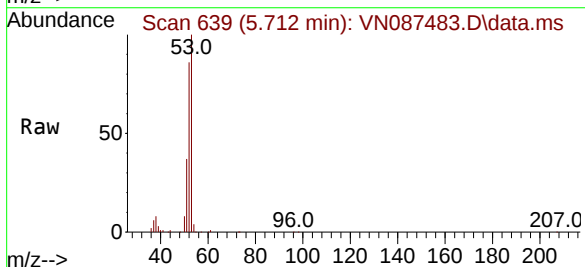
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

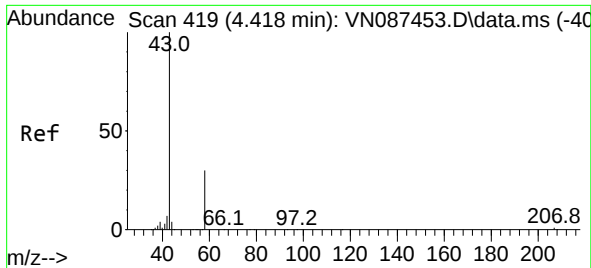
Tgt Ion: 56 Resp: 124360
Ion Ratio Lower Upper
56 100
55 72.4 57.4 86.0



#14
Acrylonitrile
Concen: 95.143 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 53 Resp: 266629
Ion Ratio Lower Upper
53 100
52 87.4 42.4 127.2
51 37.1 18.5 55.5

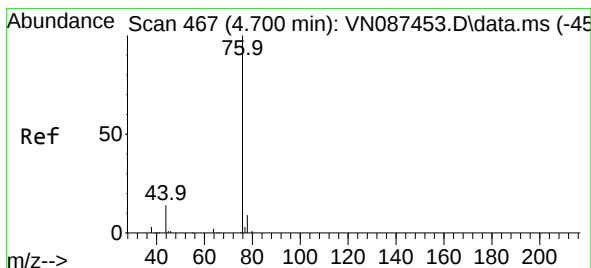
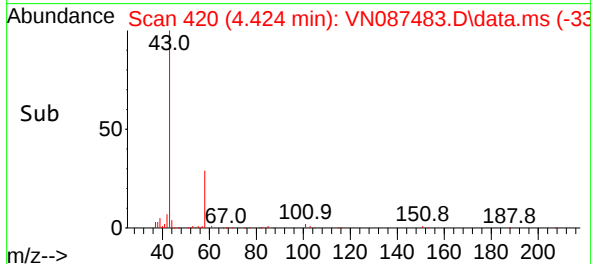
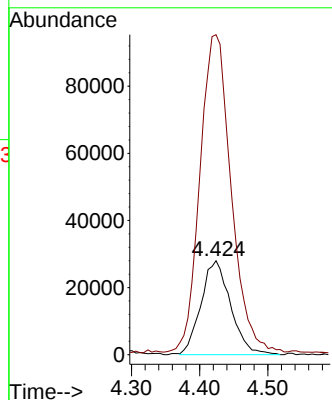
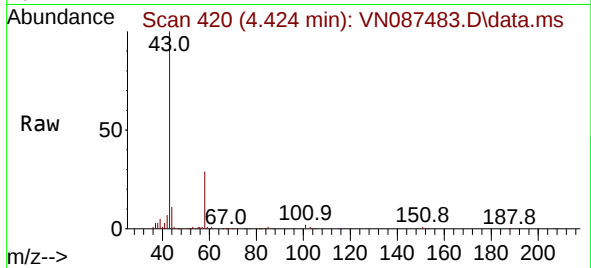




#15
Acetone
Concen: 105.648 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

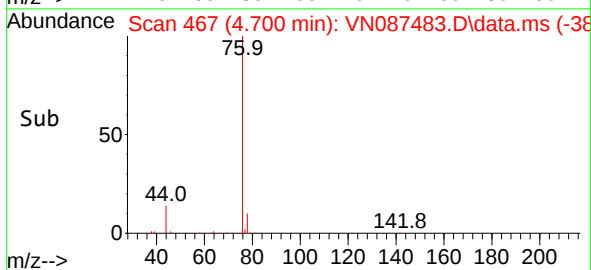
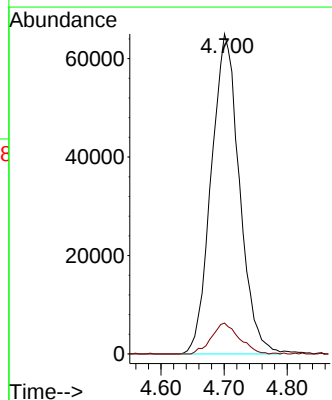
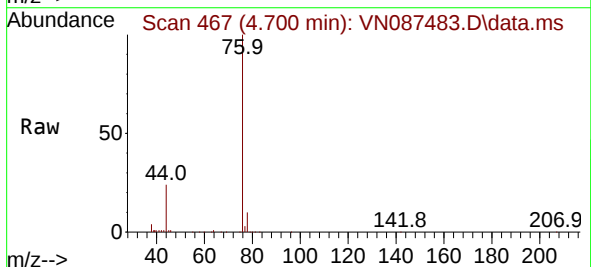
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

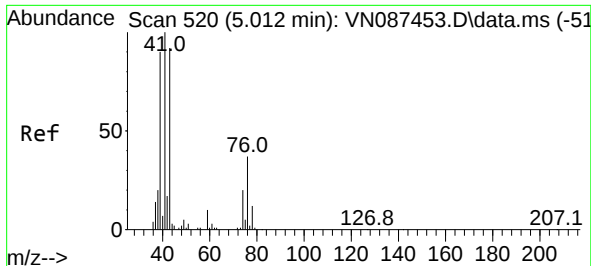
Tgt Ion: 58 Resp: 84594
Ion Ratio Lower Upper
58 100
43 335.2 268.9 403.3



#16
Carbon Disulfide
Concen: 18.693 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 76 Resp: 201654
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

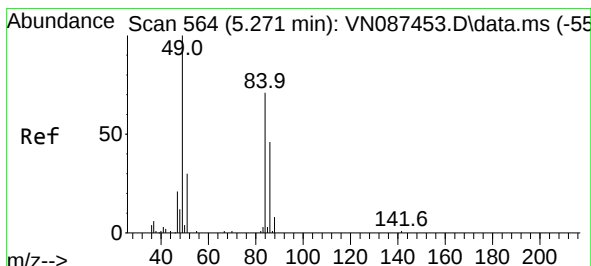
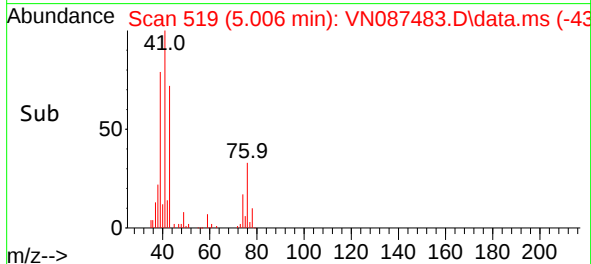
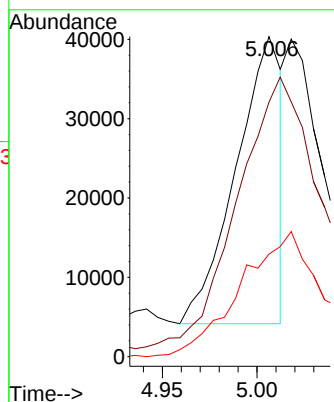
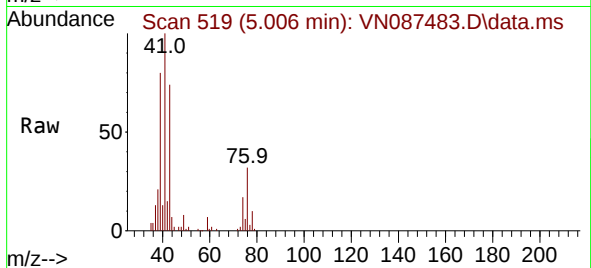




#17
 Allyl chloride
 Concen: 8.617 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

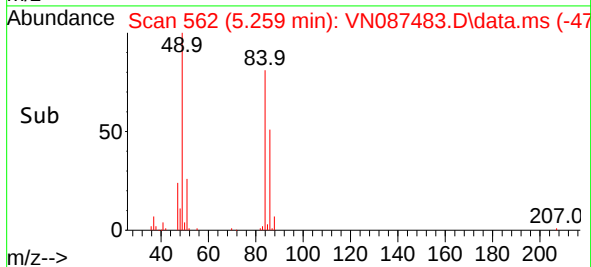
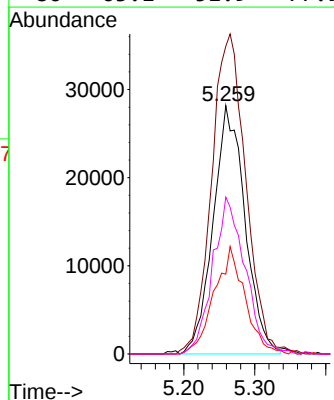
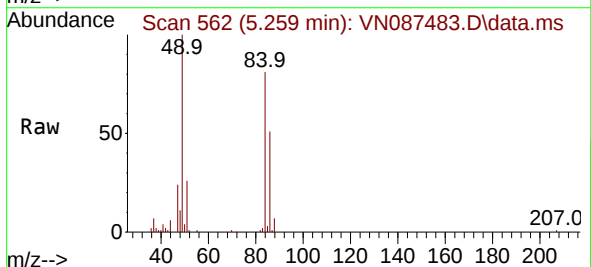
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

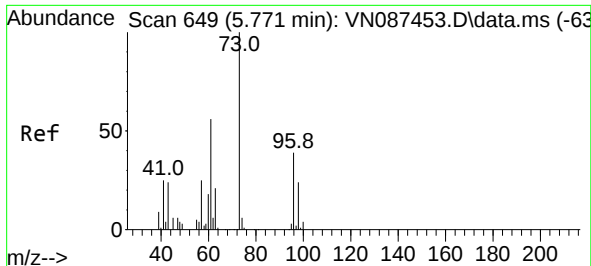
Tgt Ion: 41 Resp: 61080
 Ion Ratio Lower Upper
 41 100
 39 82.1 42.4 127.2
 76 33.3 16.9 50.6



#18
 Methylene Chloride
 Concen: 19.606 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.012 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion: 84 Resp: 87779
 Ion Ratio Lower Upper
 84 100
 49 122.5 112.9 169.3
 51 32.2 33.8 50.8#
 86 63.1 51.9 77.9

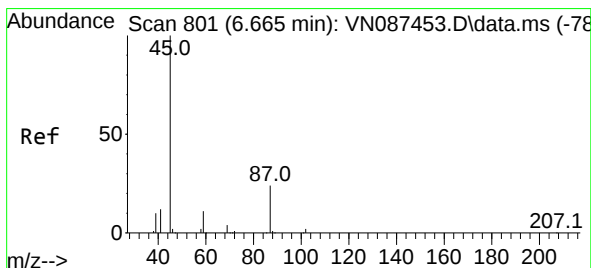
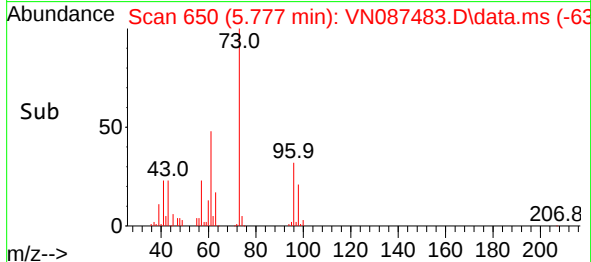
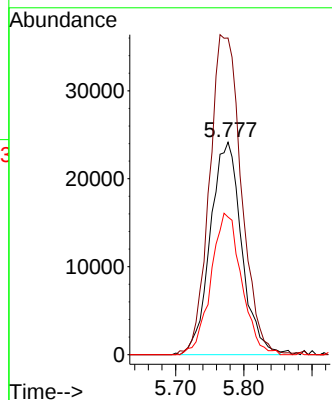
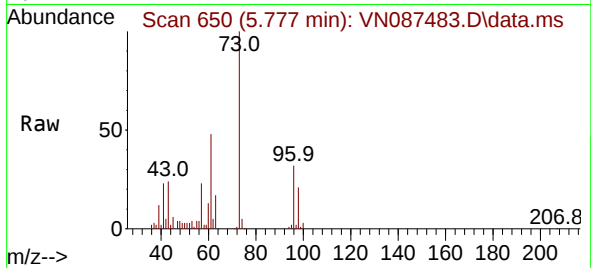




#19
trans-1,2-Dichloroethene
Concen: 18.616 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

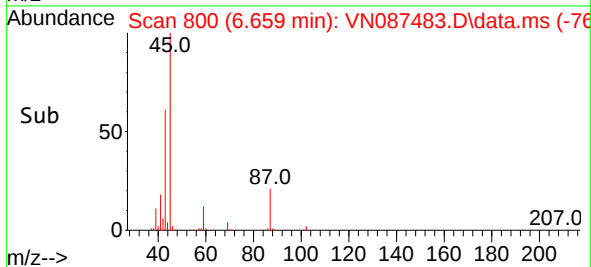
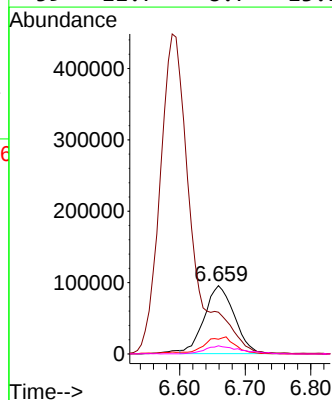
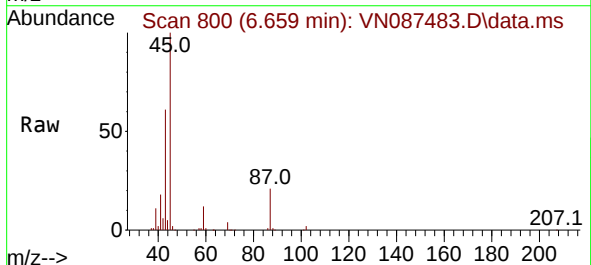
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 76991
Ion Ratio Lower Upper
96 100
61 147.9 114.2 171.4
98 64.8 48.7 73.1



#20
Diisopropyl ether
Concen: 18.678 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 45 Resp: 301613
Ion Ratio Lower Upper
45 100
43 60.1 44.7 67.1
87 21.3 20.2 30.2
59 11.7 8.7 13.1

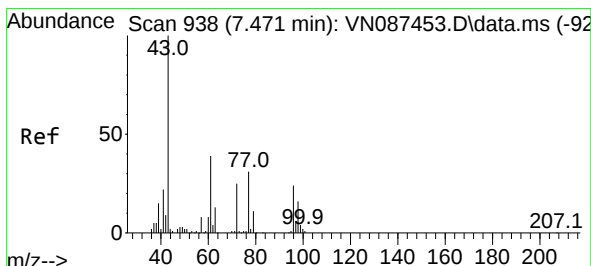
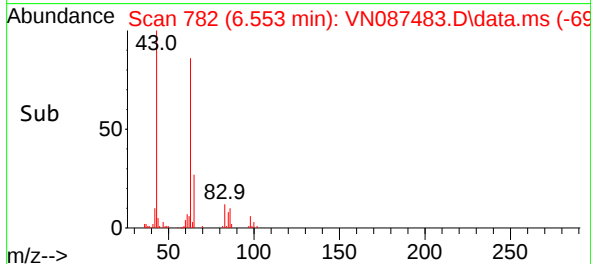
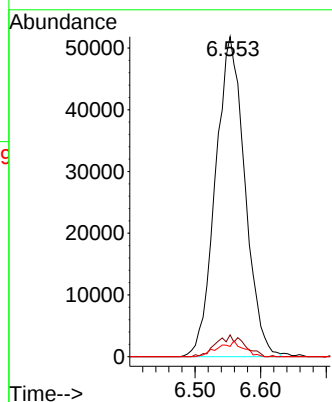
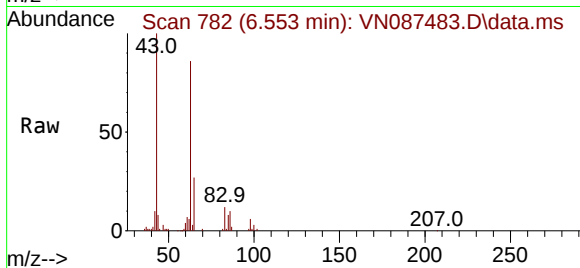




#21
1,1-Dichloroethane
Concen: 19.291 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

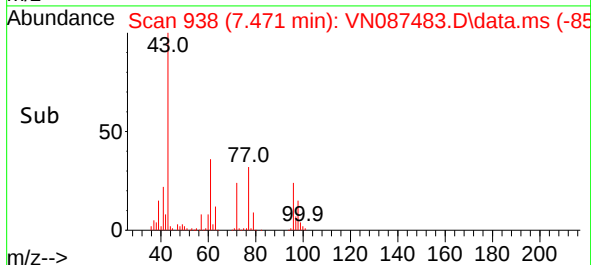
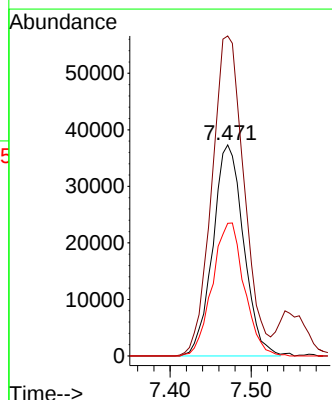
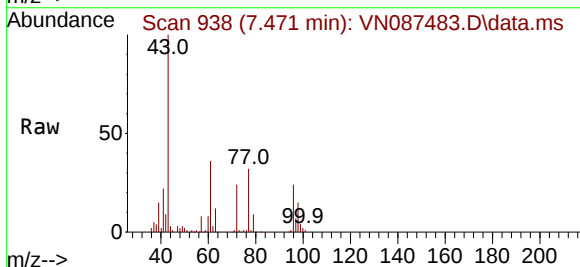
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

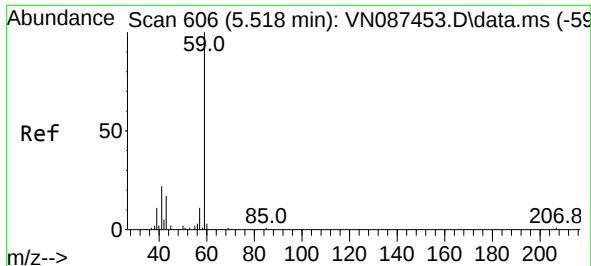
Tgt Ion: 63 Resp: 161023
Ion Ratio Lower Upper
63 100
98 6.8 3.0 9.0
100 3.2 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 19.301 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 96 Resp: 98213
Ion Ratio Lower Upper
96 100
61 159.2 126.6 190.0
98 65.3 50.9 76.3

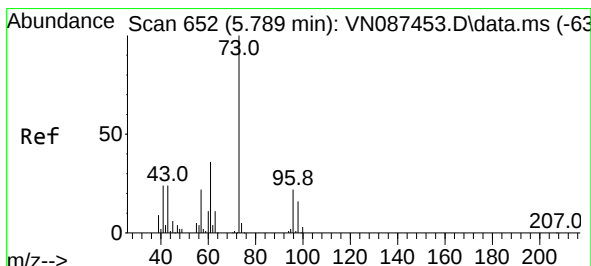
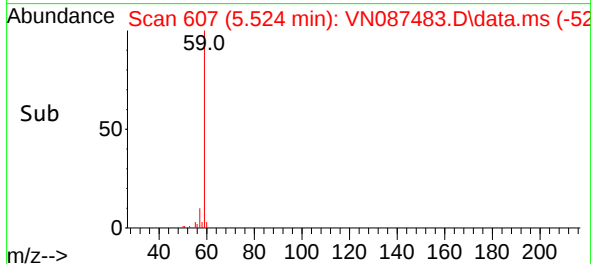
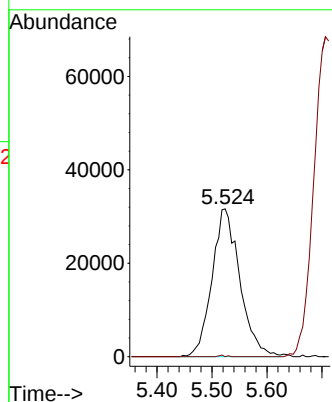
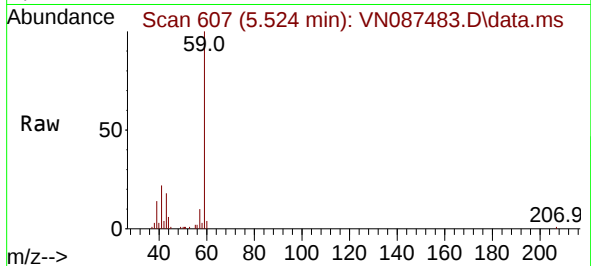




#23
tert-Butyl Alcohol
Concen: 93.432 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

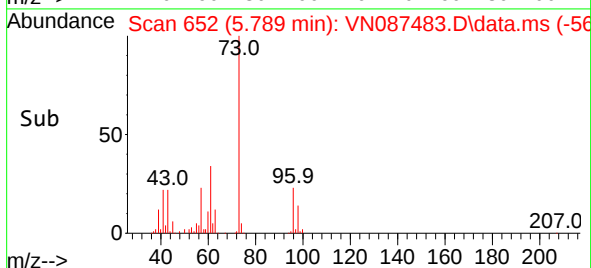
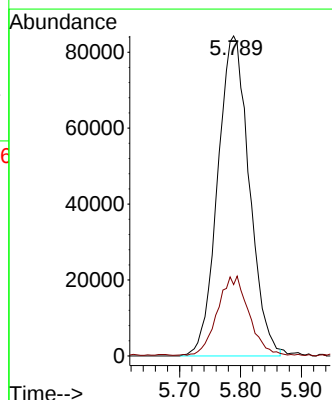
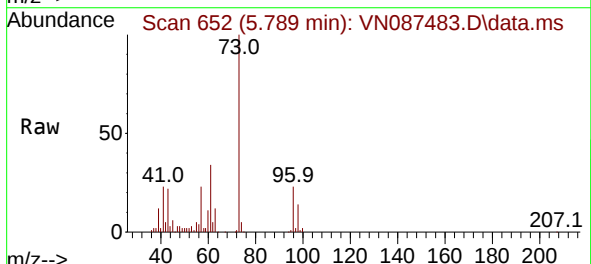
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

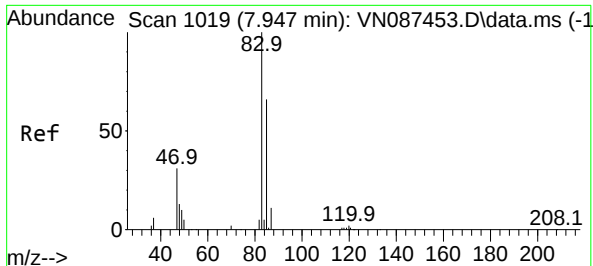
Tgt Ion: 59 Resp: 111260
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.167 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 73 Resp: 303730
Ion Ratio Lower Upper
73 100
43 24.6 19.9 29.9





#25

Chloroform

Concen: 19.726 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

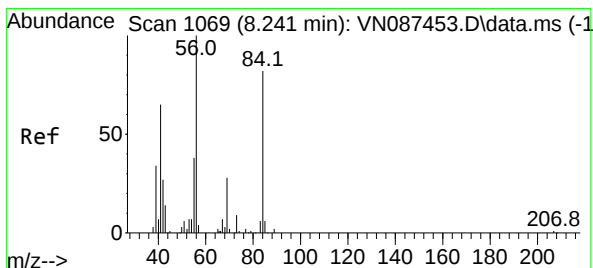
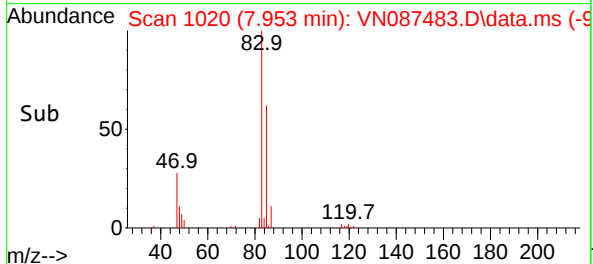
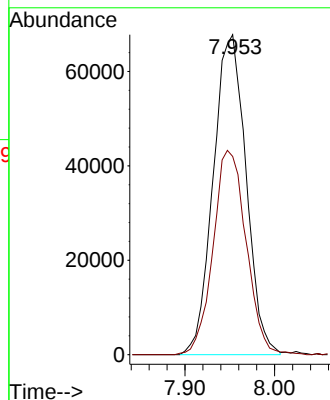
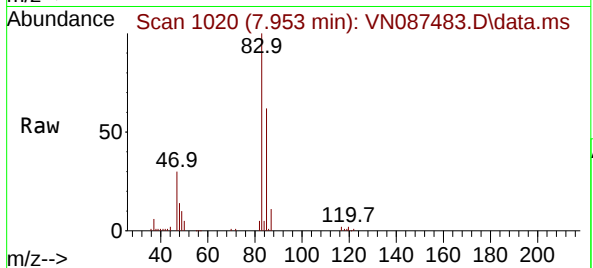
VSTDCCC020

Tgt Ion: 83 Resp: 171872

Ion Ratio Lower Upper

83 100

85 61.5 52.6 78.8



#26

Cyclohexane

Concen: 19.309 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

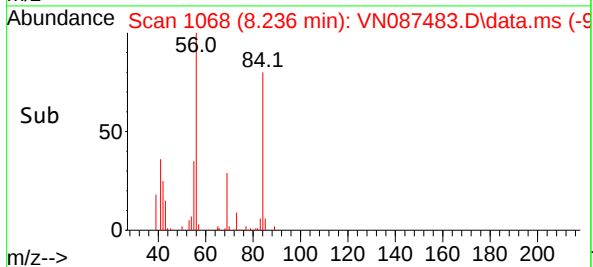
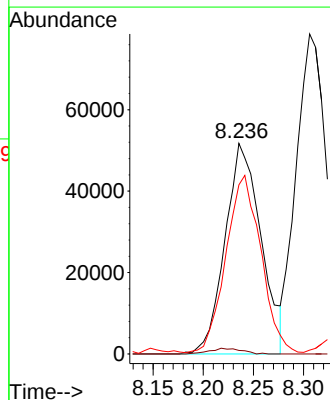
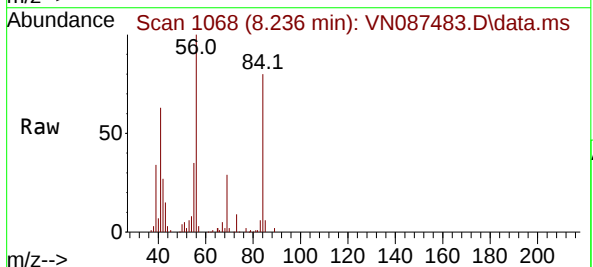
Tgt Ion: 56 Resp: 129047

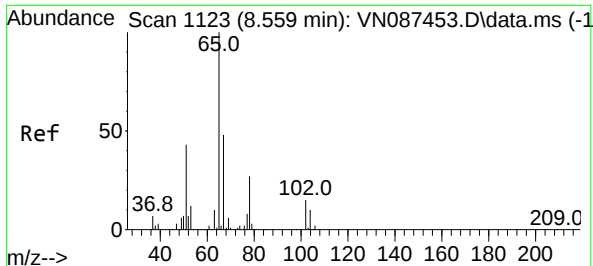
Ion Ratio Lower Upper

56 100

89 0.1 2.3 3.5#

84 83.4 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 29.675 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

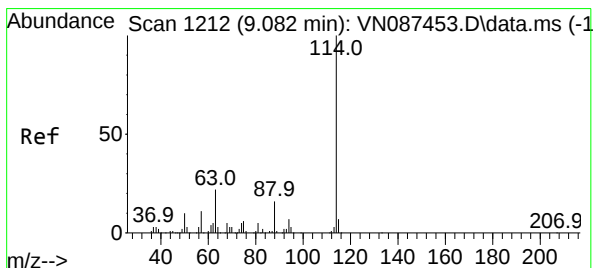
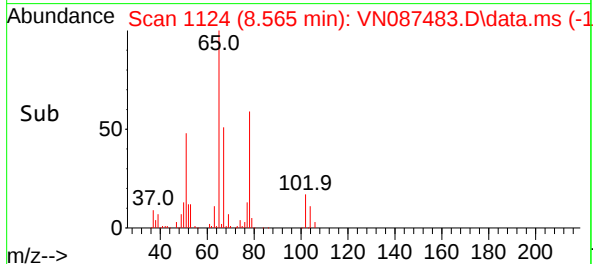
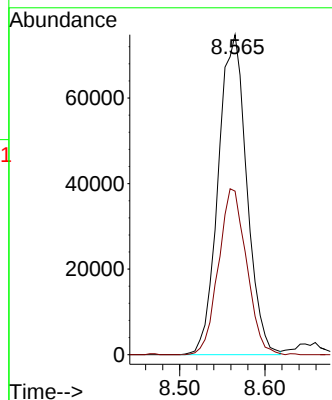
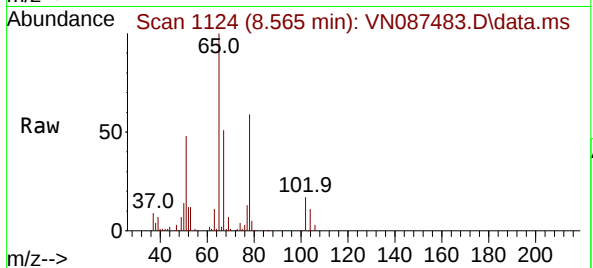
VSTDCCC020

Tgt Ion: 65 Resp: 173800

Ion Ratio Lower Upper

65 100

67 50.9 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

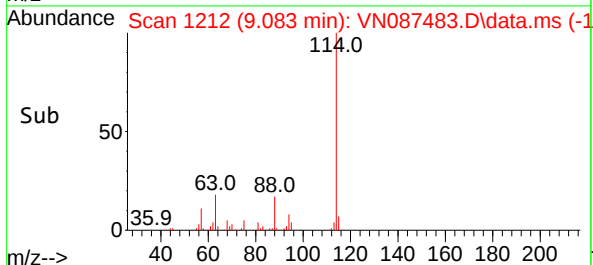
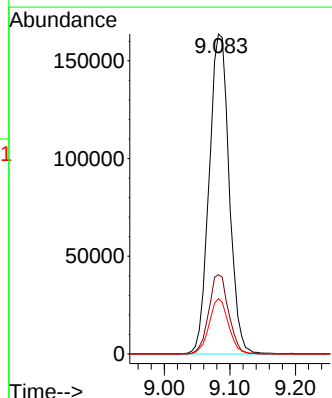
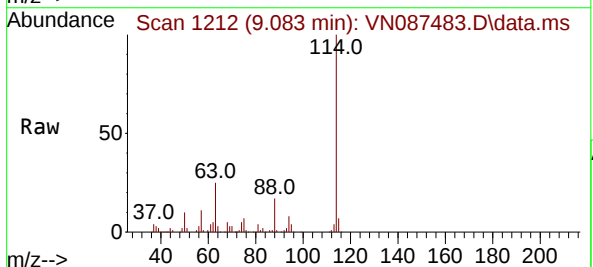
Tgt Ion: 114 Resp: 347356

Ion Ratio Lower Upper

114 100

63 24.5 18.9 28.3

88 16.6 13.1 19.7

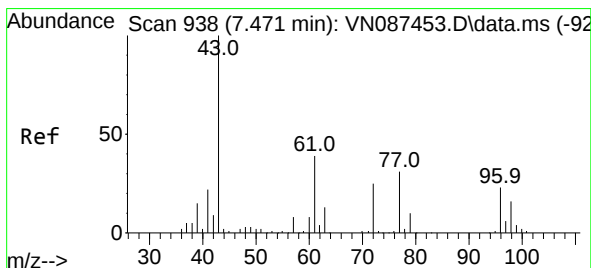
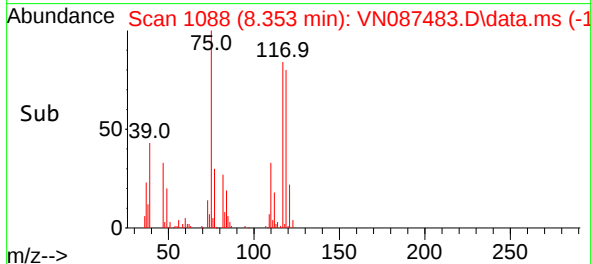
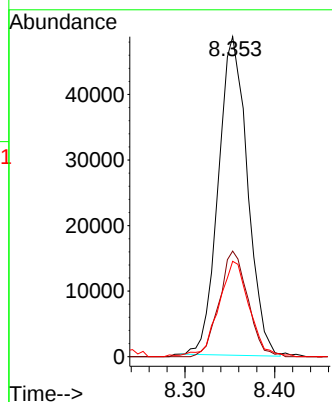
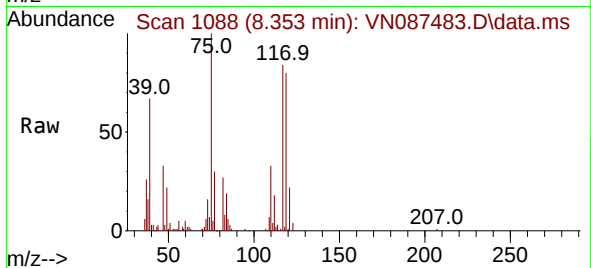




#29
1,1-Dichloropropene
Concen: 19.353 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

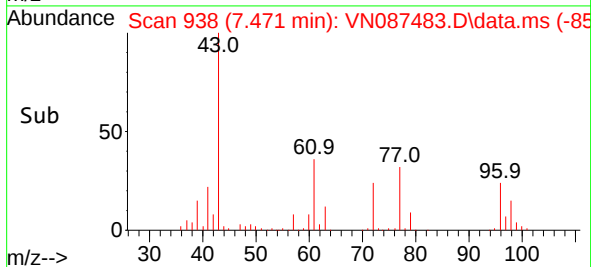
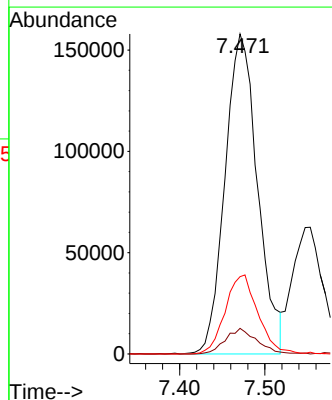
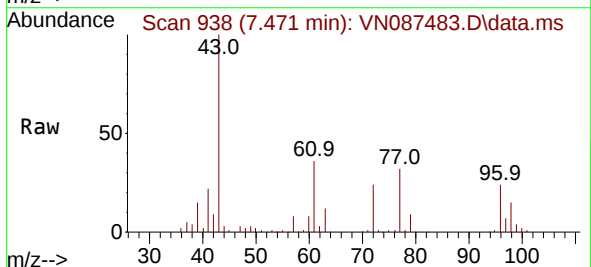
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

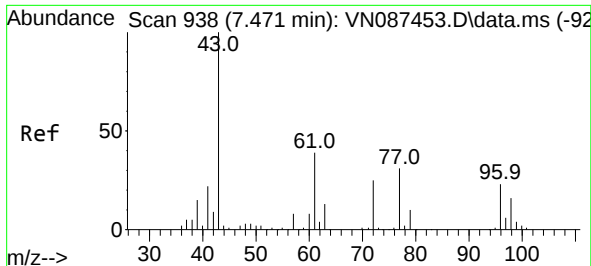
Tgt Ion: 75 Resp: 109644
Ion Ratio Lower Upper
75 100
110 32.3 0.0 65.8
77 30.7 0.0 63.6



#30
2-Butanone
Concen: 100.513 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 43 Resp: 419749
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 24.7 19.7 29.5

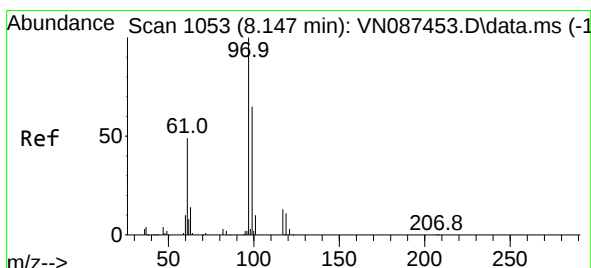
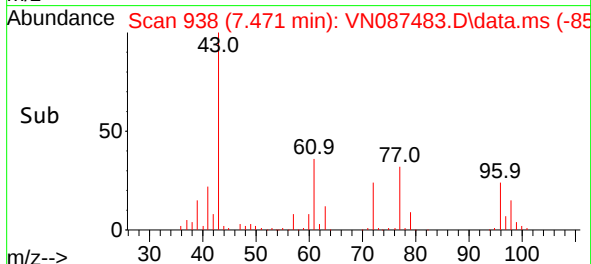
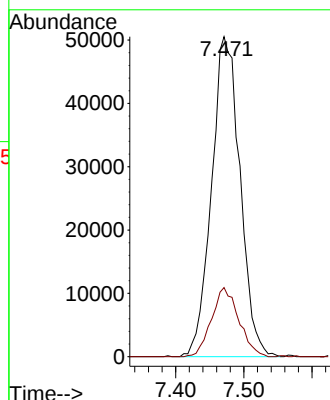
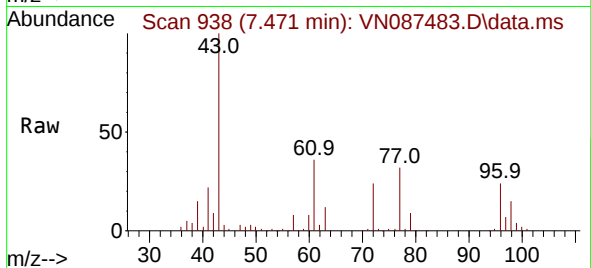




#31
2,2-Dichloropropane
Concen: 20.092 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

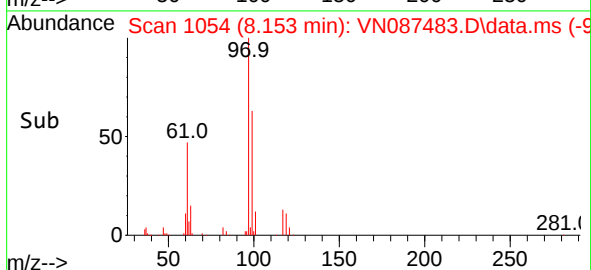
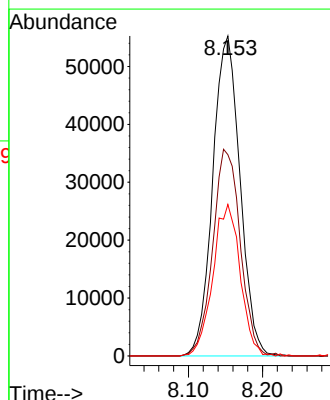
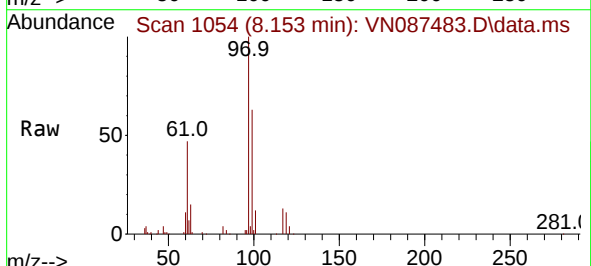
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 146812
Ion Ratio Lower Upper
77 100
97 20.7 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 19.547 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 97 Resp: 141241
Ion Ratio Lower Upper
97 100
99 65.1 53.0 79.6
61 47.1 40.6 61.0

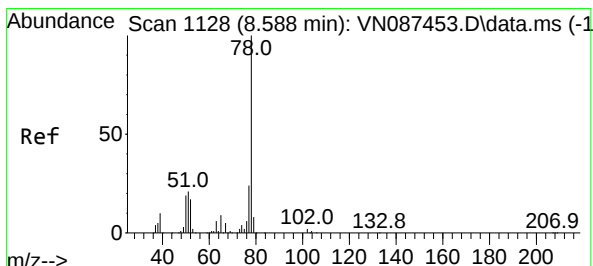
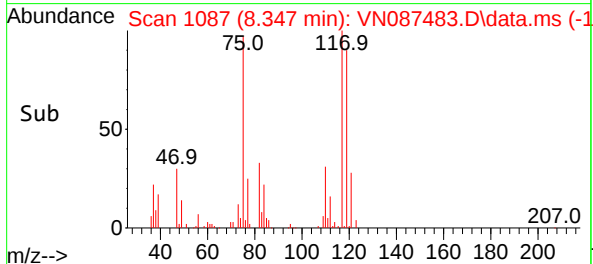
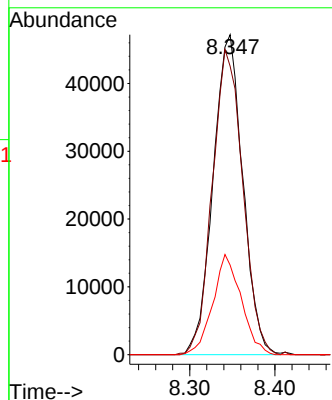
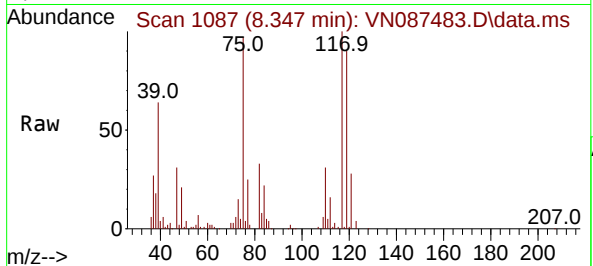




#33
Carbon Tetrachloride
Concen: 19.035 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

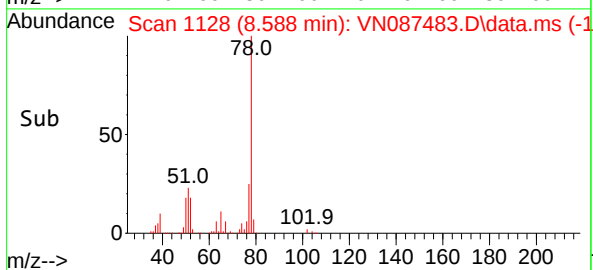
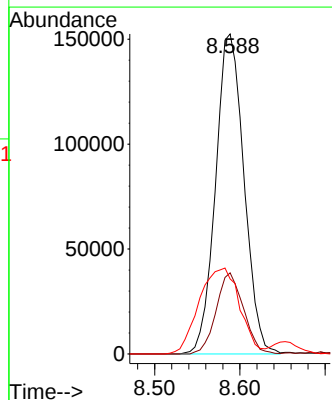
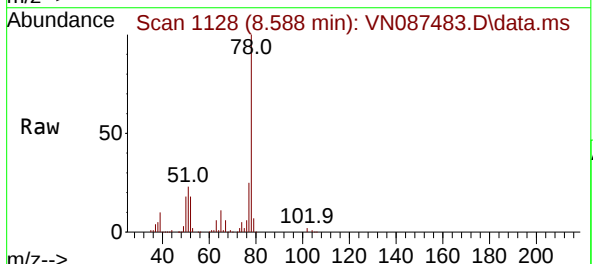
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

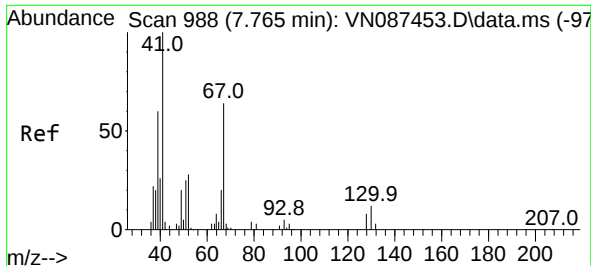
Tgt Ion:117 Resp: 114261
Ion Ratio Lower Upper
117 100
119 90.2 73.4 110.0
121 28.0 21.1 31.7



#34
Benzene
Concen: 19.762 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 78 Resp: 353413
Ion Ratio Lower Upper
78 100
77 25.4 19.2 28.8
51 21.9 16.9 25.3

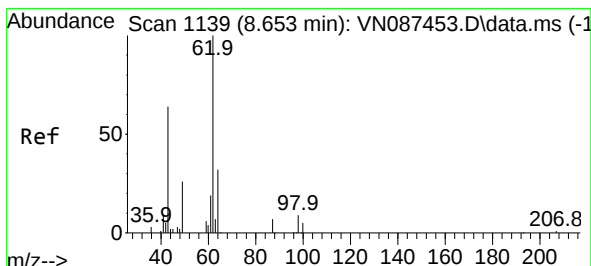
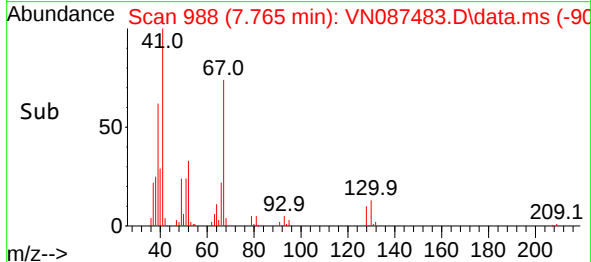
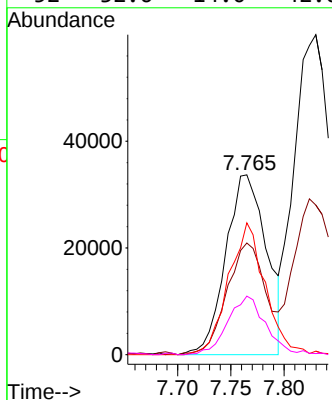
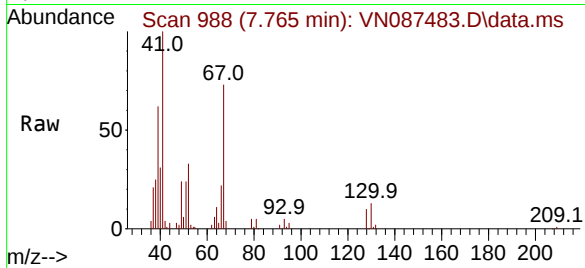




#35
Methacrylonitrile
Concen: 19.978 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

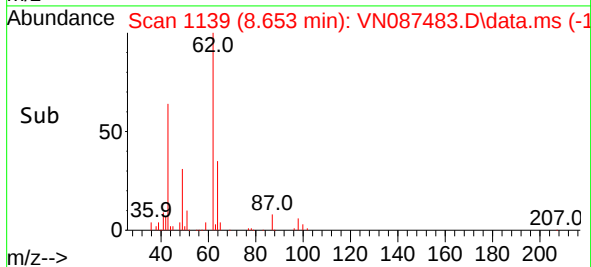
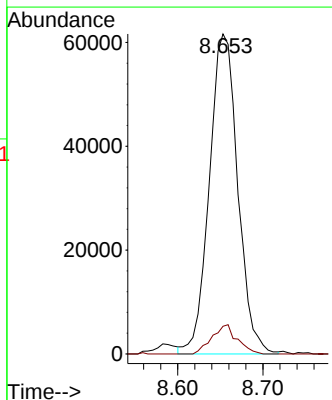
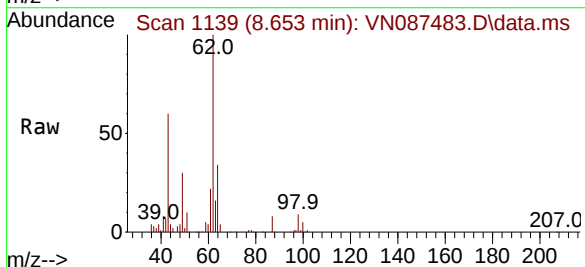
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	90032
Ion Ratio	Lower	Upper	
41	100		
39	62.1	30.1	90.5
67	73.3	32.0	96.2
52	32.6	14.0	42.0



#36
1,2-Dichloroethane
Concen: 19.781 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion:	62	Resp:	142980
Ion Ratio	Lower	Upper	
62	100		
98	8.1	6.6	9.8

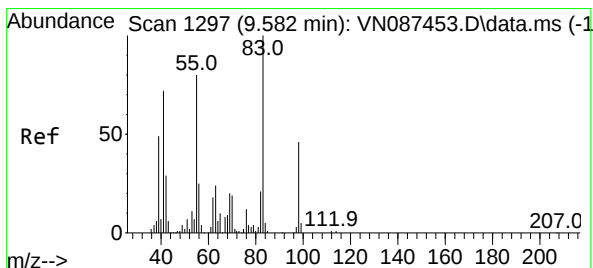
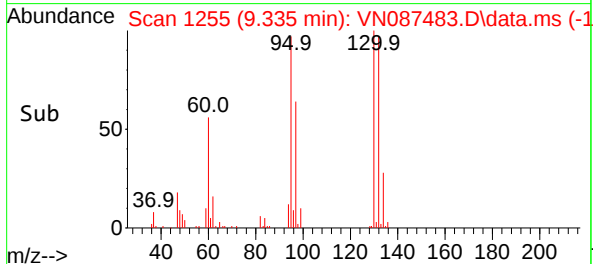
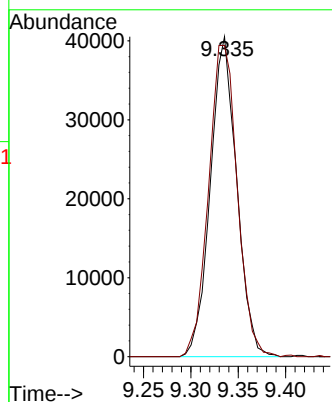
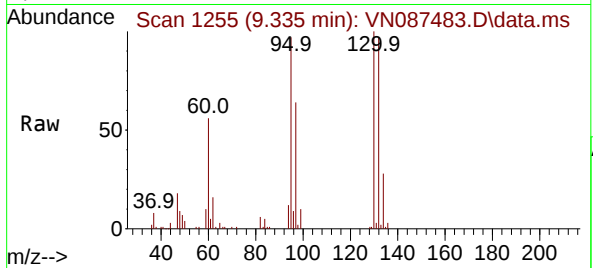




#37
Trichloroethene
Concen: 19.892 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

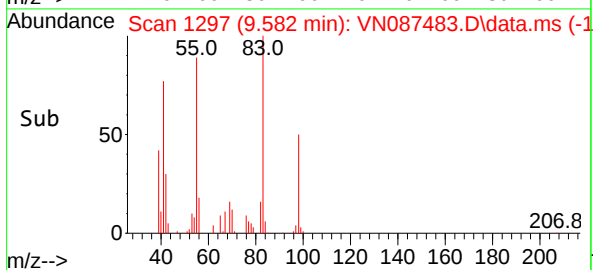
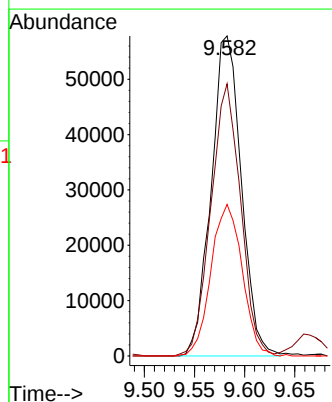
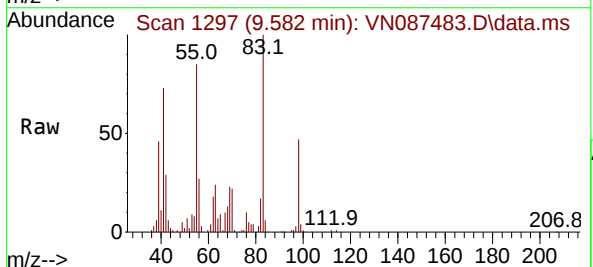
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

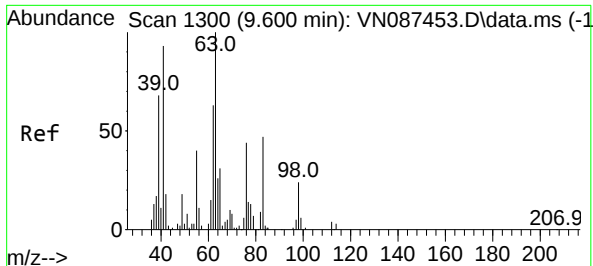
Tgt Ion:130 Resp: 78361
Ion Ratio Lower Upper
130 100
95 97.3 91.4 137.2



#38
Methylcyclohexane
Concen: 18.389 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 83 Resp: 120863
Ion Ratio Lower Upper
83 100
55 83.6 41.2 123.6
98 48.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 19.889 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

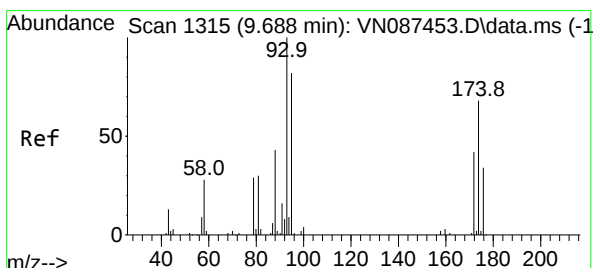
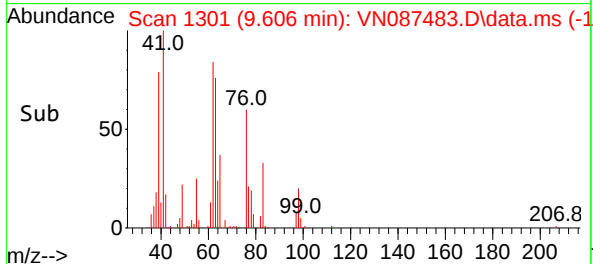
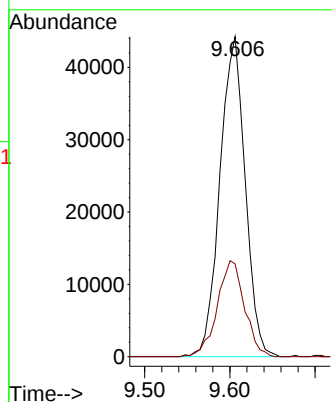
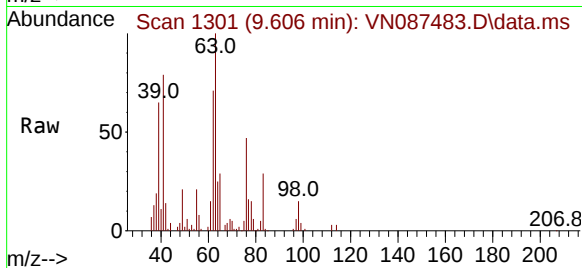
VSTDCCC020

Tgt Ion: 63 Resp: 91199

Ion Ratio Lower Upper

63 100

65 29.0 24.6 36.8



#40

Dibromomethane

Concen: 19.187 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

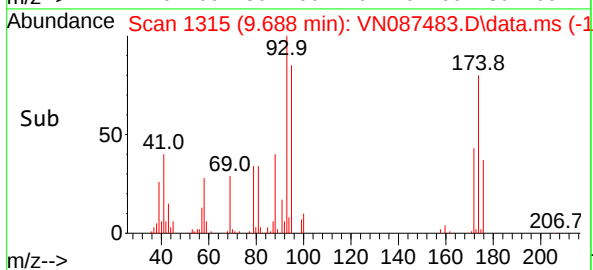
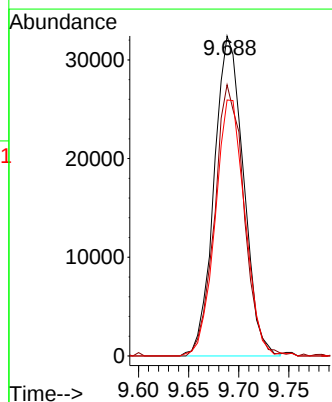
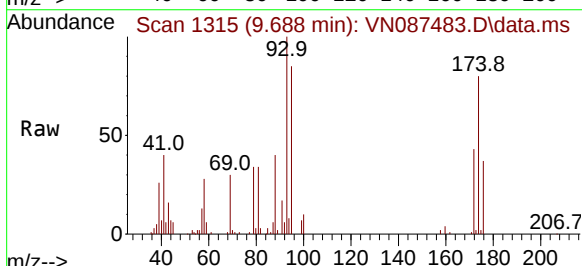
Tgt Ion: 93 Resp: 66010

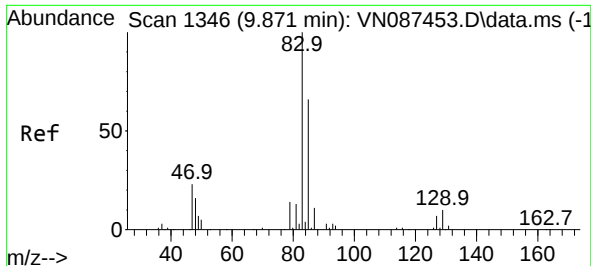
Ion Ratio Lower Upper

93 100

95 84.7 0.0 161.6

174 80.9 0.0 151.4

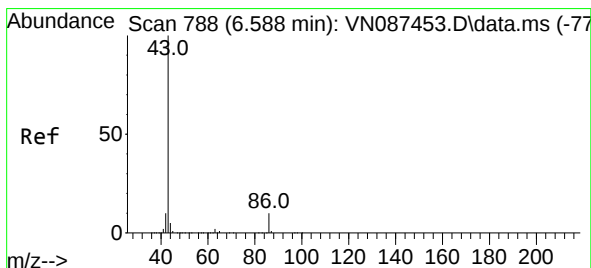
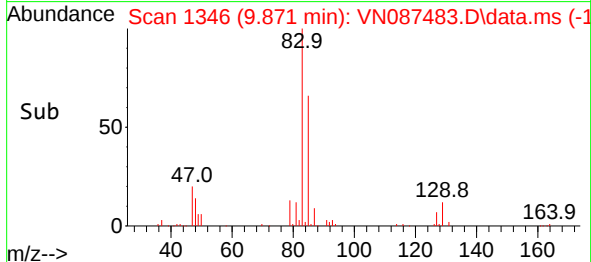
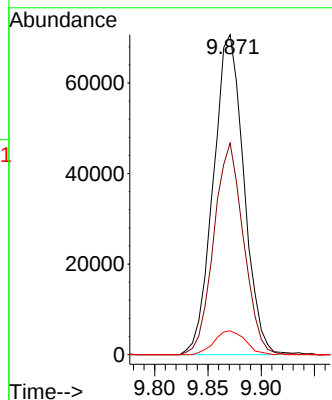
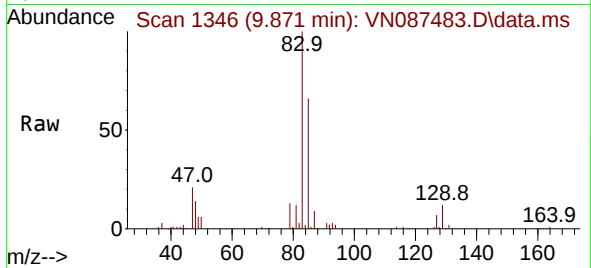




#41
Bromodichloromethane
Concen: 19.705 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

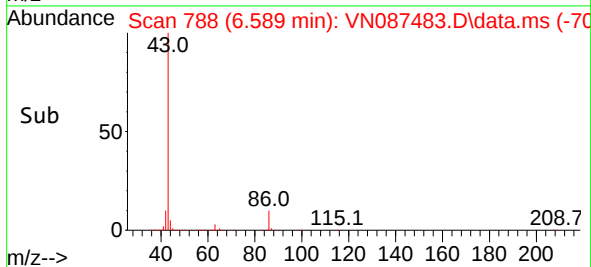
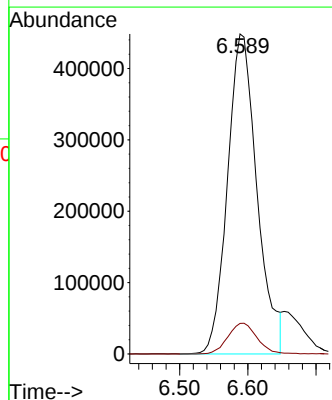
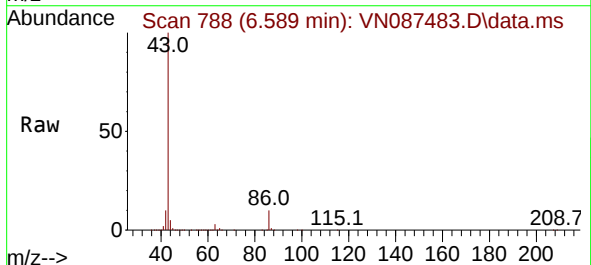
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

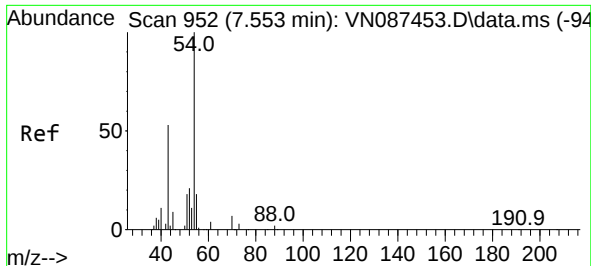
Tgt Ion: 83 Resp: 140866
Ion Ratio Lower Upper
83 100
85 66.1 52.9 79.3
127 7.5 5.8 8.6



#42
Vinyl Acetate
Concen: 98.202 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 43 Resp: 1350521
Ion Ratio Lower Upper
43 100
86 9.5 7.3 10.9

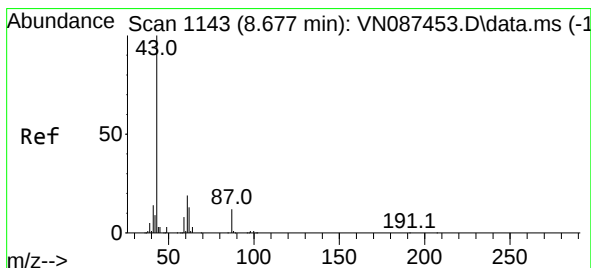
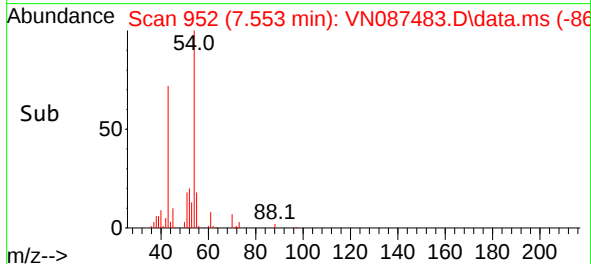
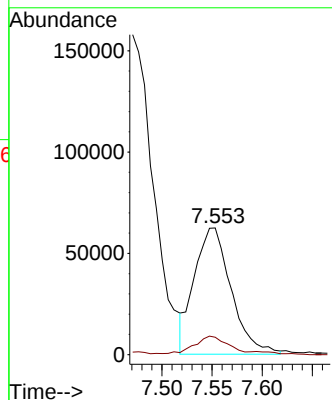
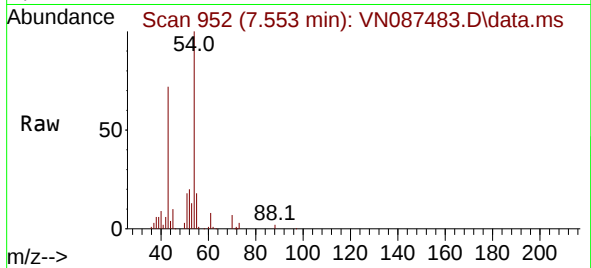




#43
Ethyl Acetate
Concen: 19.749 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

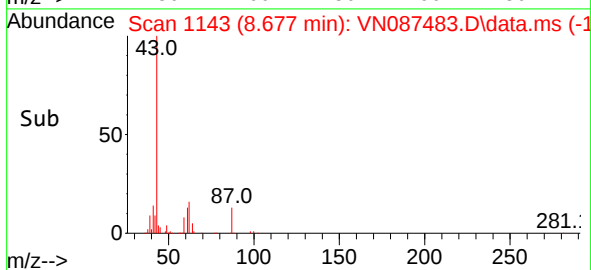
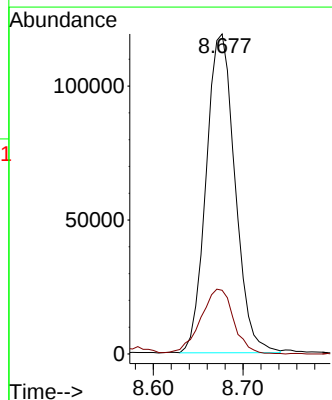
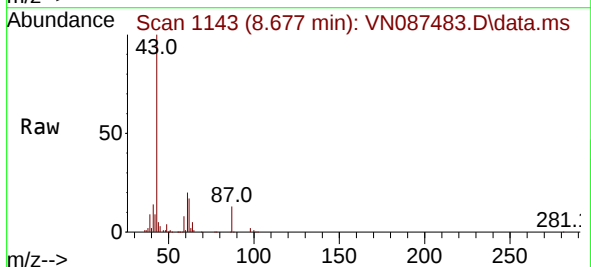
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

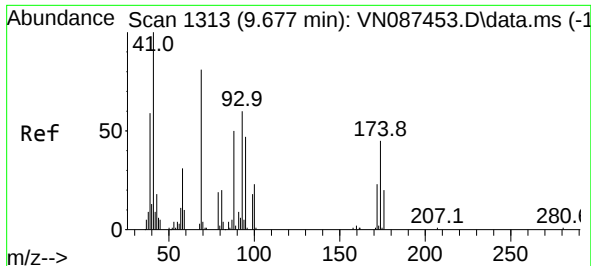
Tgt Ion: 43 Resp: 159330
Ion Ratio Lower Upper
43 100
45 13.4 11.1 16.7



#44
Isopropyl Acetate
Concen: 19.467 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 43 Resp: 266220
Ion Ratio Lower Upper
43 100
61 23.4 18.6 28.0





#45

1,4-Dioxane

Concen: 391.059 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

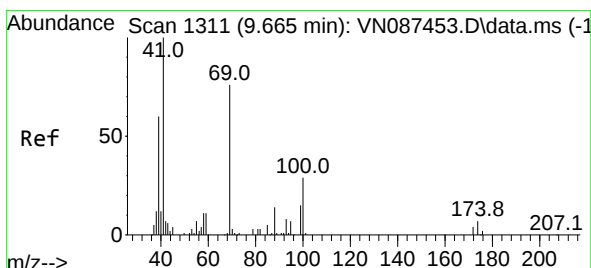
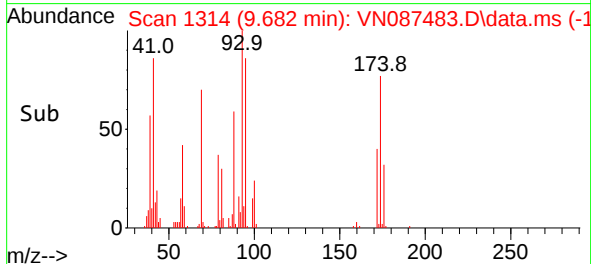
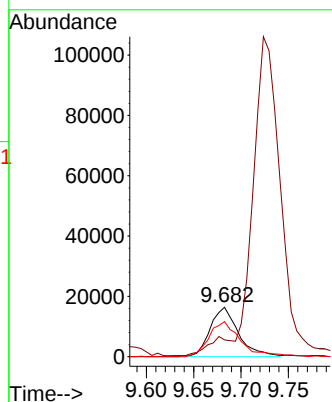
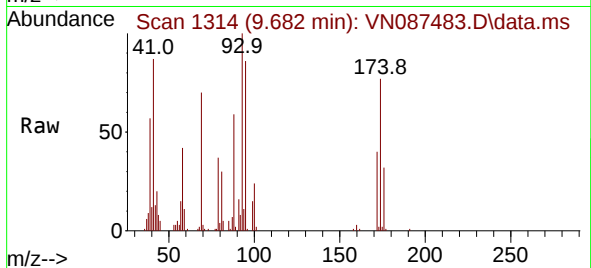
Tgt Ion: 88 Resp: 34093

Ion Ratio Lower Upper

88 100

43 34.1 24.1 36.1

58 73.1 57.2 85.8



#46

Methyl methacrylate

Concen: 16.696 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

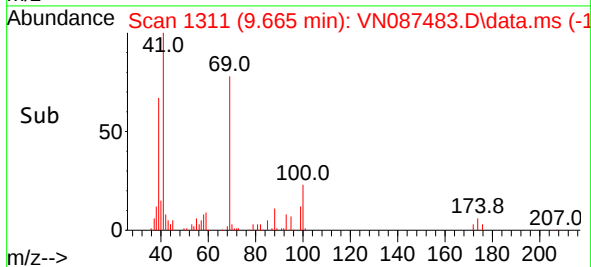
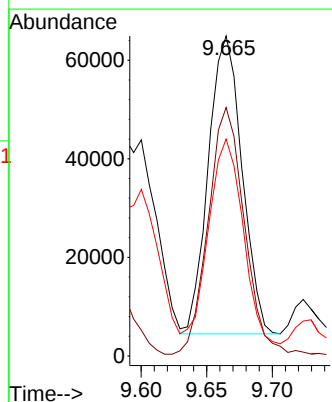
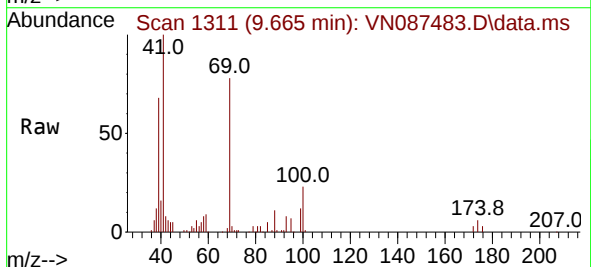
Tgt Ion: 41 Resp: 107778

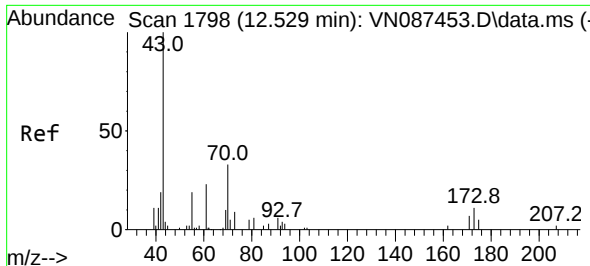
Ion Ratio Lower Upper

41 100

69 81.7 37.1 111.5

39 68.7 30.7 92.1





#47

n-amy1 Acetate

Concen: 4.267 ug/l

RT: 12.523 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

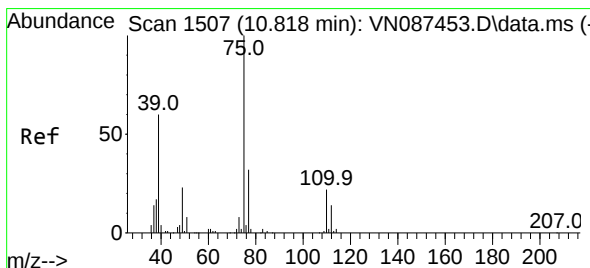
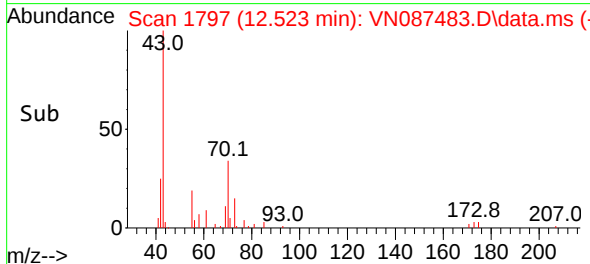
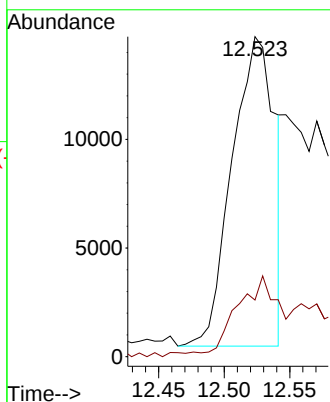
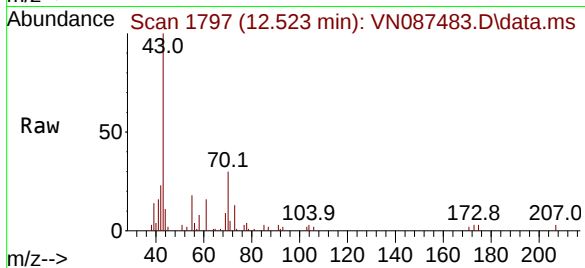
VSTDCCC020

Tgt Ion: 43 Resp: 32238

Ion Ratio Lower Upper

43 100

55 4.7 4.6 6.8



#48

t-1,3-Dichloropropene

Concen: 19.024 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN087483.D

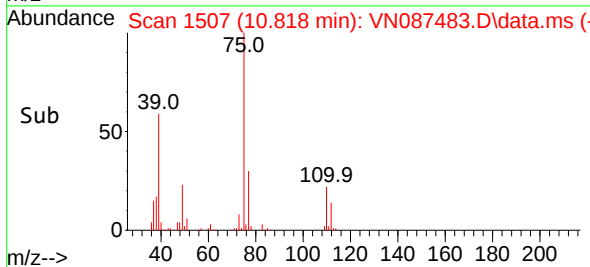
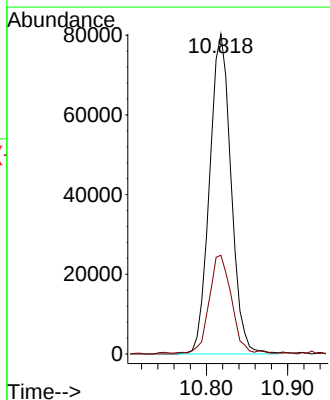
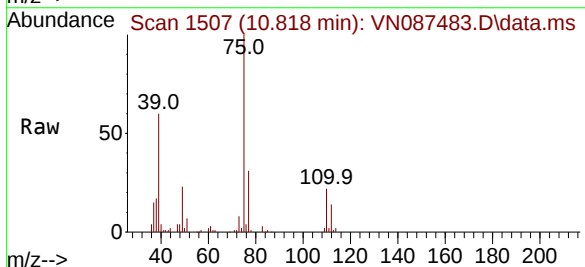
Acq: 07 Aug 2025 10:00

Tgt Ion: 75 Resp: 147956

Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

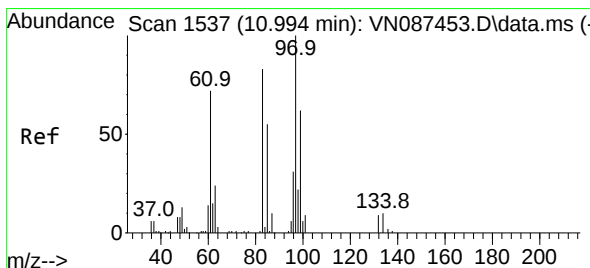
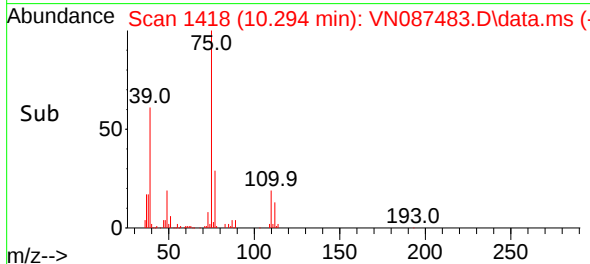
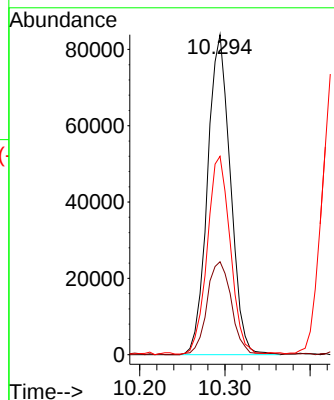
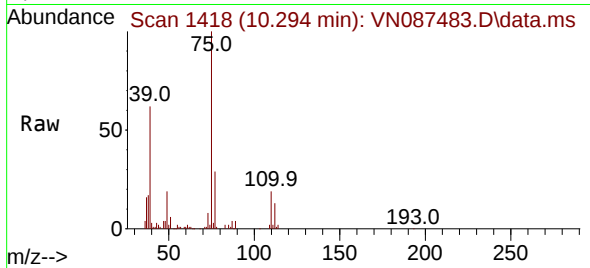




#49
 cis-1,3-Dichloropropene
 Concen: 19.927 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

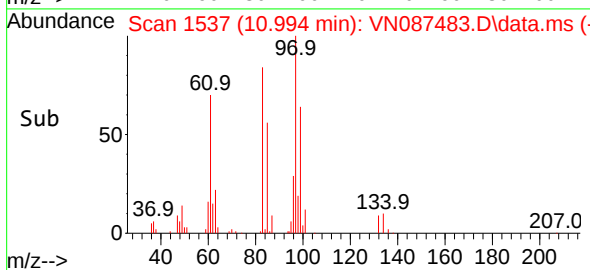
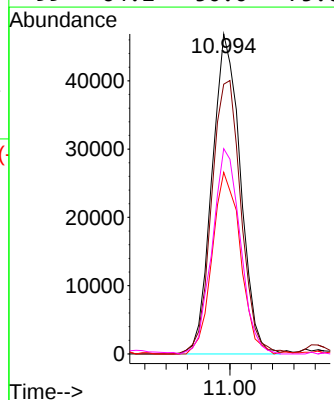
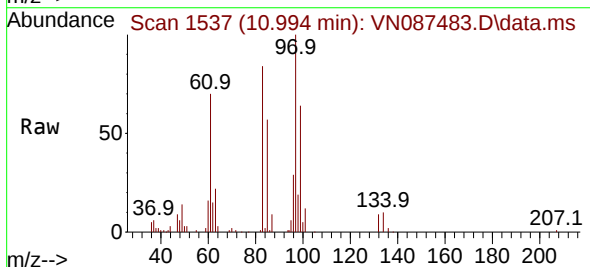
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

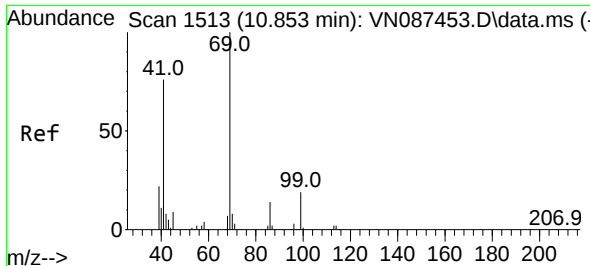
Tgt Ion: 75 Resp: 155969
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.6 36.8
 39 61.8 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 19.948 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion: 97 Resp: 86709
 Ion Ratio Lower Upper
 97 100
 83 83.9 66.2 99.2
 85 56.7 43.9 65.9
 99 64.2 50.0 75.0

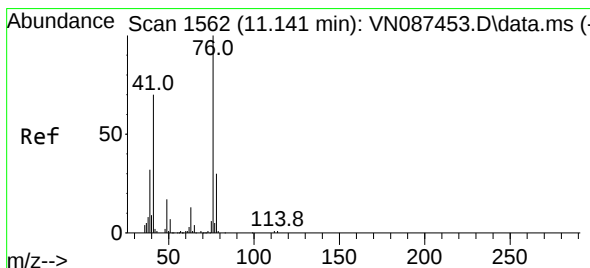
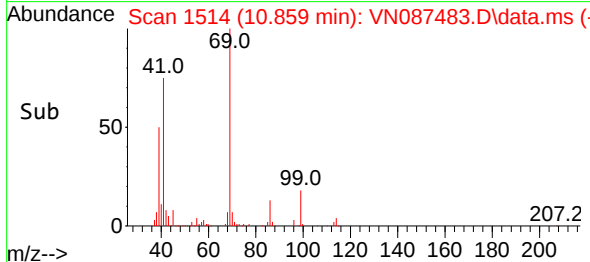
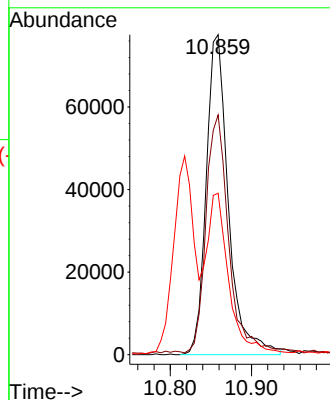
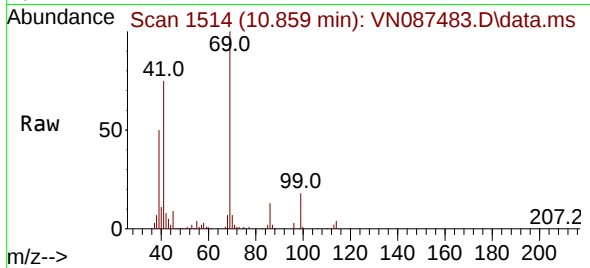




#51
Ethyl methacrylate
Concen: 19.257 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

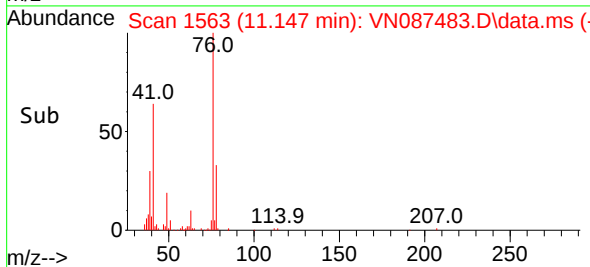
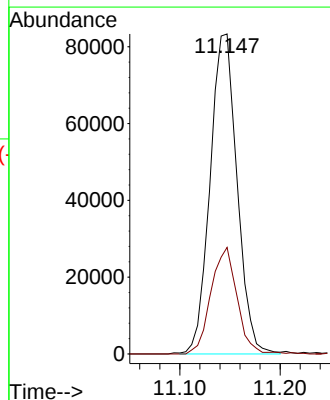
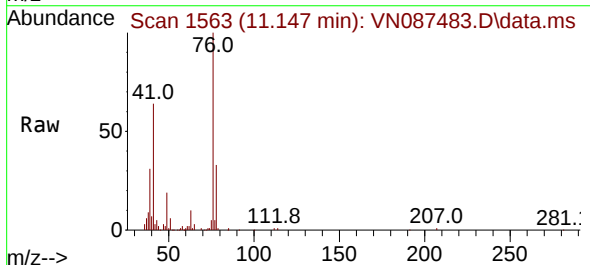
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

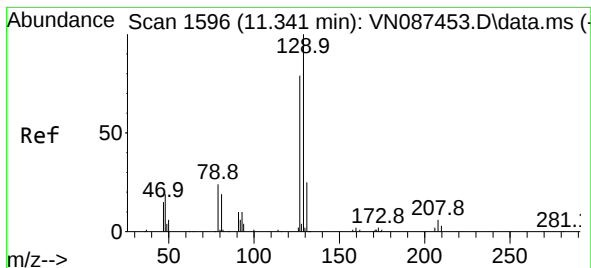
Tgt Ion: 69 Resp: 147415
Ion Ratio Lower Upper
69 100
41 74.0 38.0 114.1
39 49.5 23.2 69.5



#52
1,3-Dichloropropane
Concen: 19.937 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 76 Resp: 156131
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.0

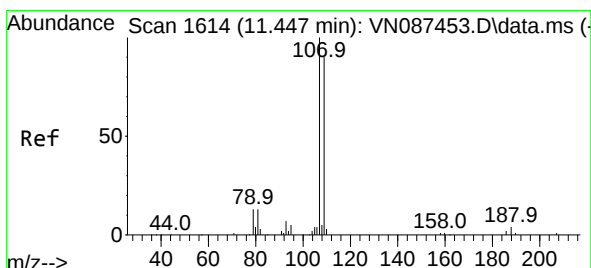
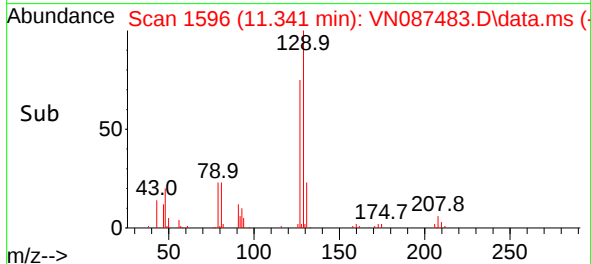
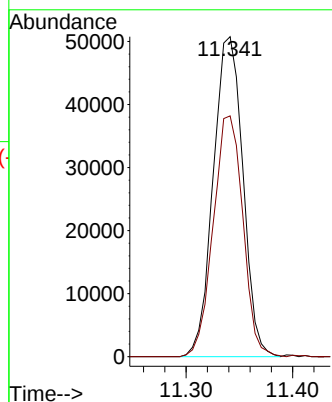
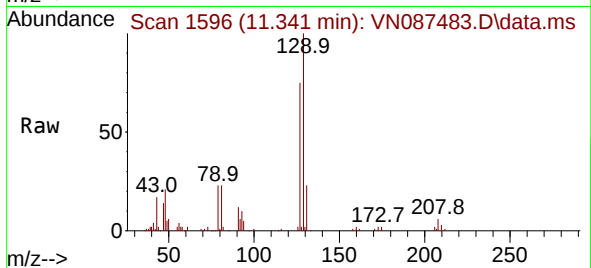




#53
Dibromochloromethane
Concen: 19.538 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

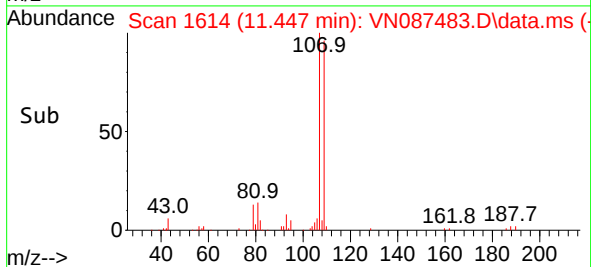
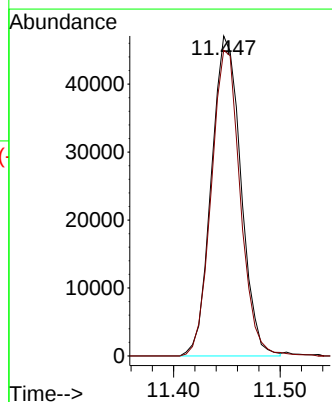
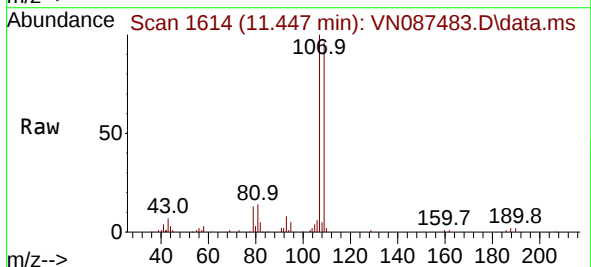
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

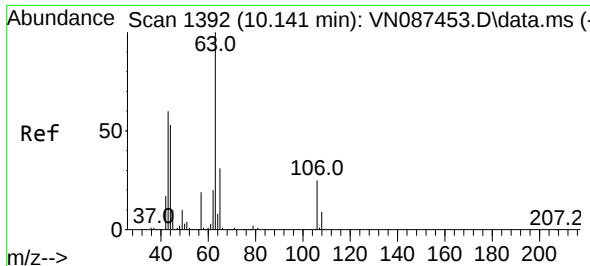
Tgt Ion:129 Resp: 98080
Ion Ratio Lower Upper
129 100
127 75.1 39.1 117.3



#54
1,2-Dibromoethane
Concen: 19.602 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion:107 Resp: 90449
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.4

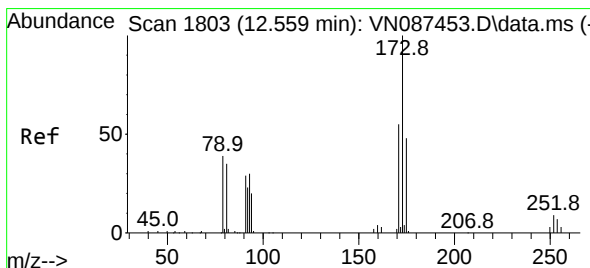
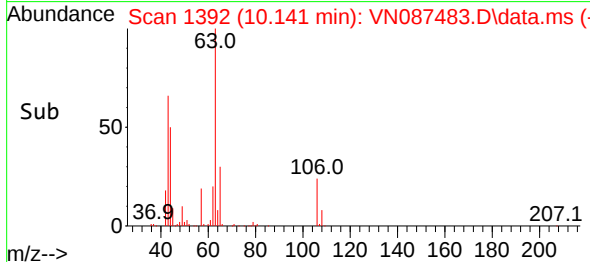
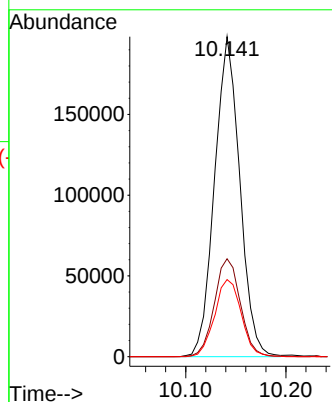
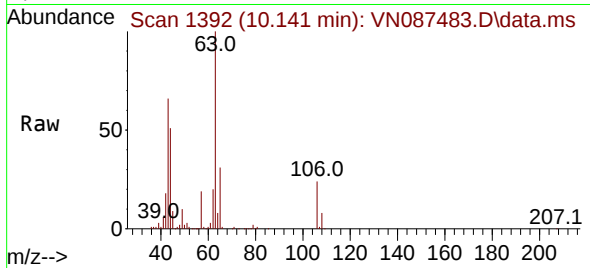




#55
2-Chloroethyl vinyl ether
Concen: 85.967 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

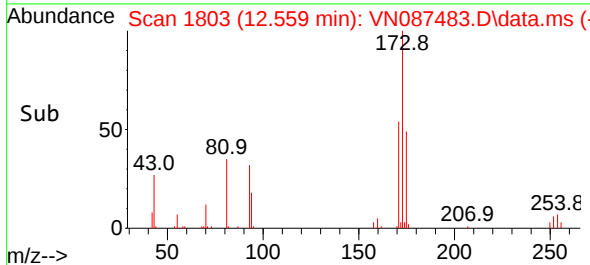
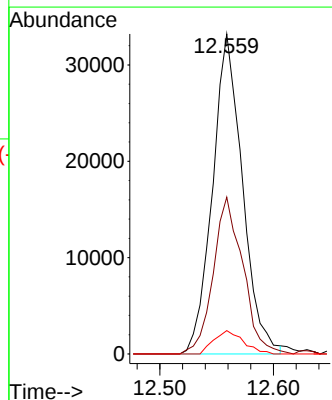
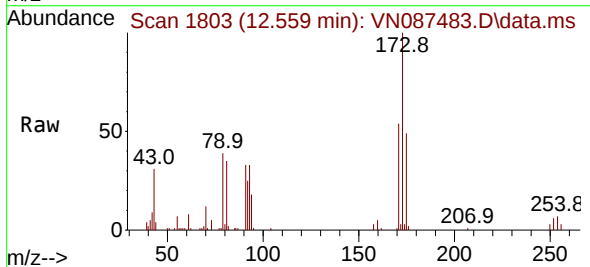
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 346444
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 25.4 20.7 31.1



#56
Bromoform
Concen: 18.306 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 173 Resp: 60780
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 7.2 3.9 5.9#

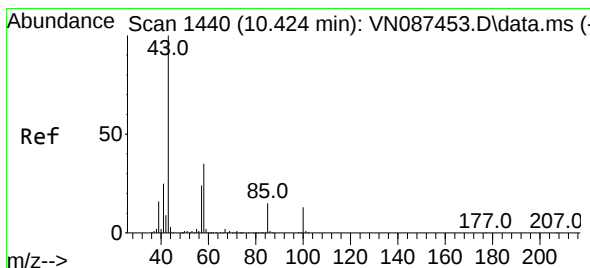
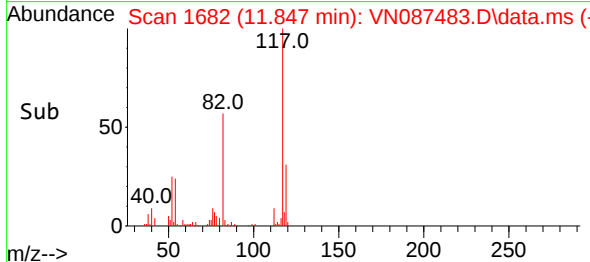
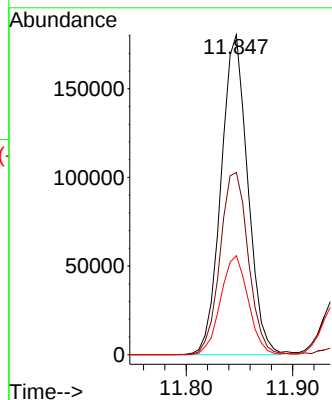
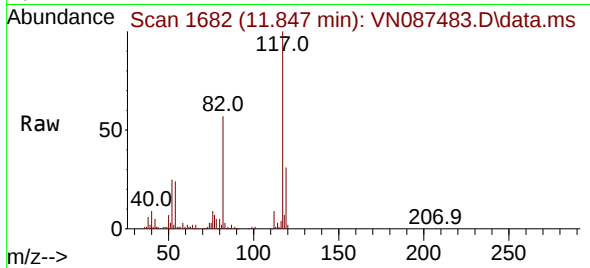




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

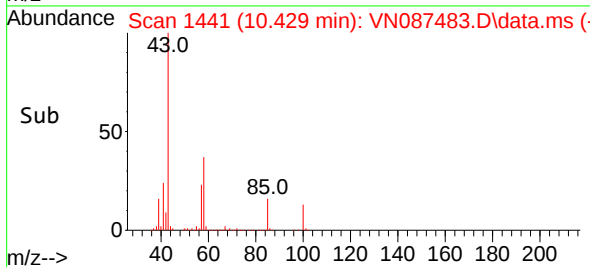
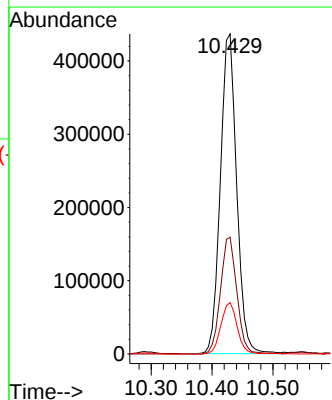
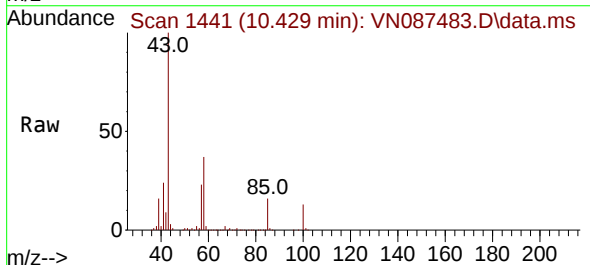
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

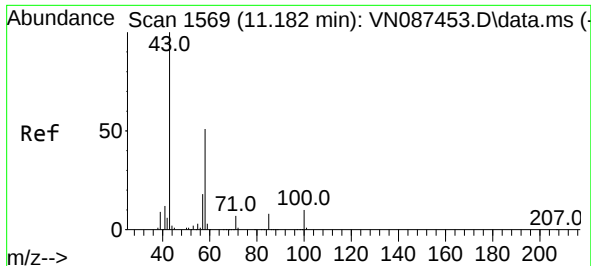
Tgt Ion:117 Resp: 314308
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 100.431 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 43 Resp: 812035
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6
85 16.0 12.7 19.1

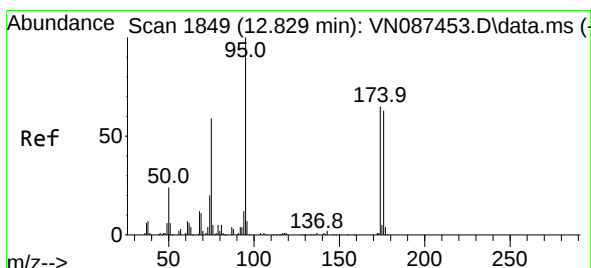
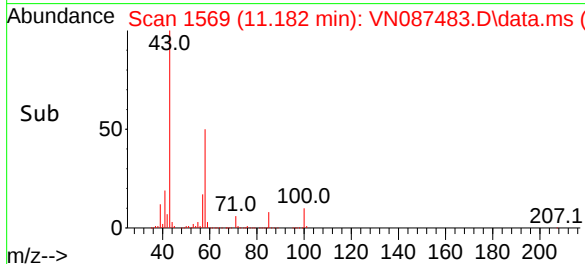
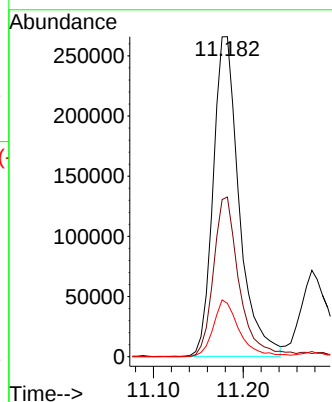
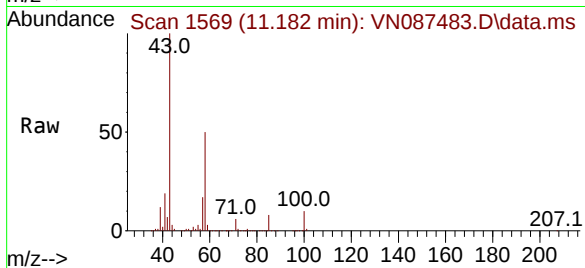




#59
2-Hexanone
Concen: 97.565 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

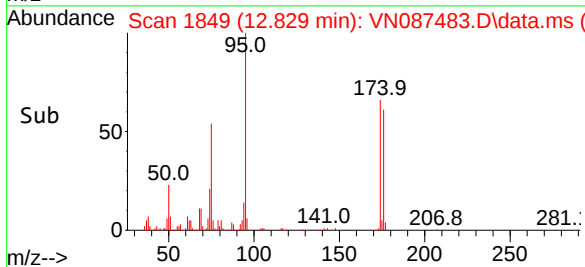
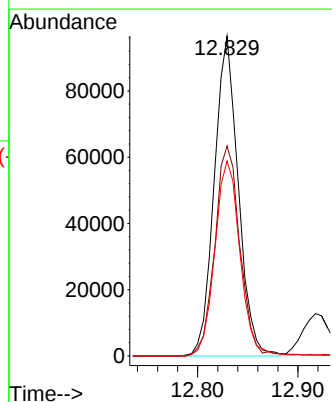
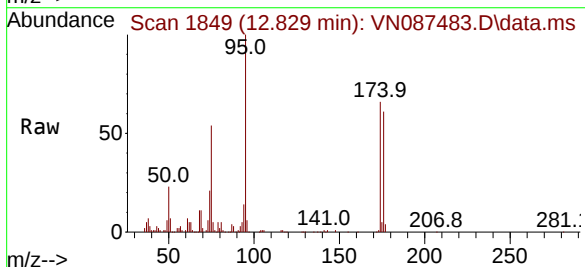
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

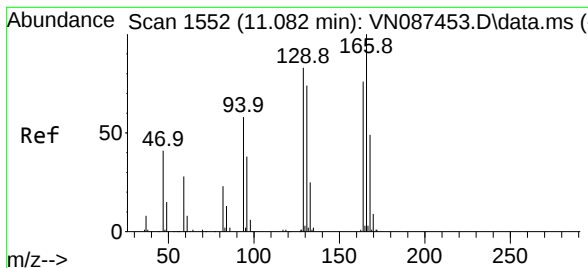
Tgt Ion: 43 Resp: 535992
Ion Ratio Lower Upper
43 100
58 49.4 41.0 61.6
57 17.5 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.594 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 95 Resp: 160074
Ion Ratio Lower Upper
95 100
174 67.8 52.3 78.5
176 63.7 49.8 74.8





#61

Tetrachloroethene

Concen: 19.619 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 60076

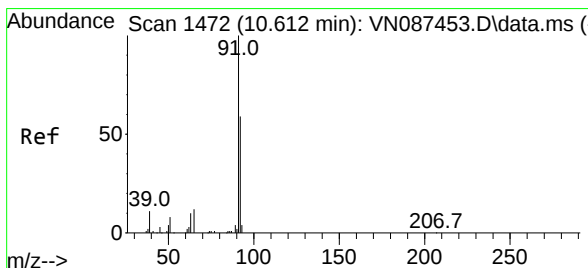
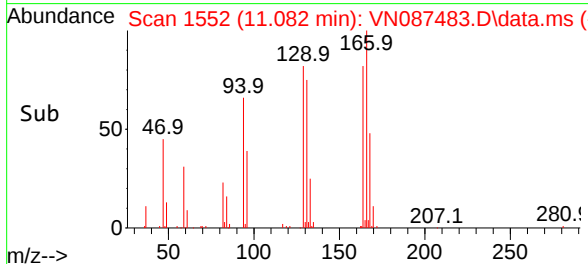
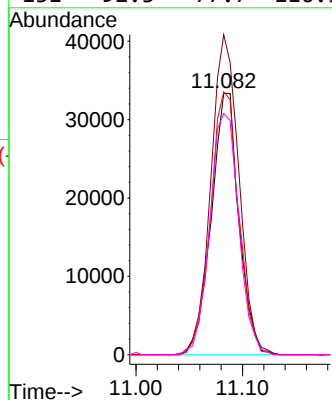
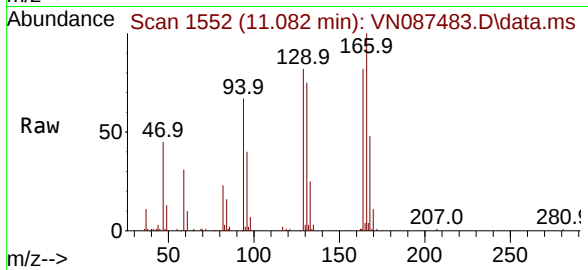
Ion Ratio Lower Upper

164 100

166 122.4 105.4 158.0

129 100.6 87.7 131.5

131 92.3 77.7 116.5



#62

Toluene

Concen: 19.898 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087483.D

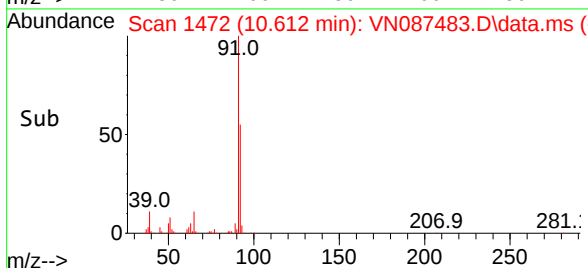
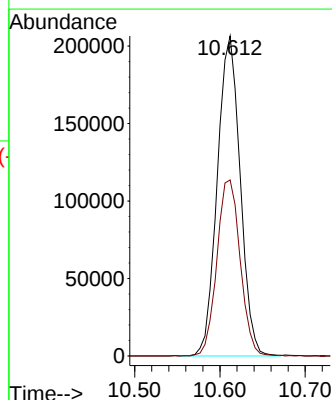
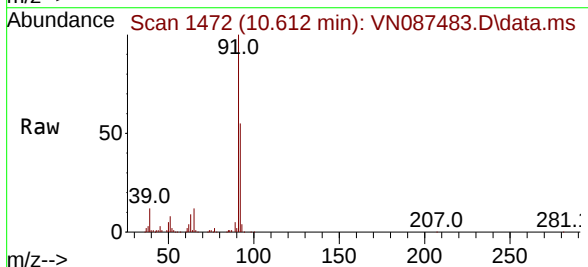
Acq: 07 Aug 2025 10:00

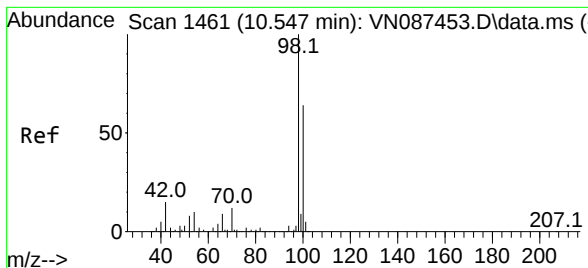
Tgt Ion: 91 Resp: 385997

Ion Ratio Lower Upper

91 100

92 55.9 45.8 68.6





#63

Toluene-d8

Concen: 30.405 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

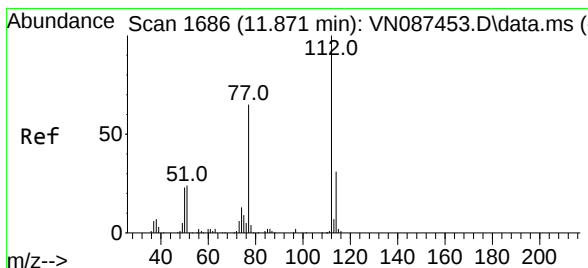
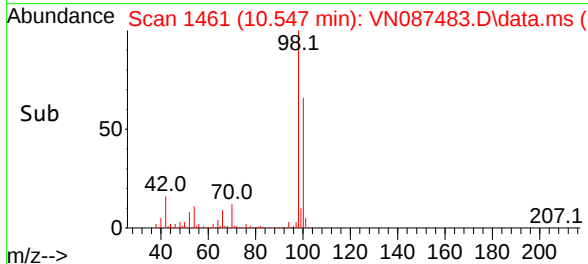
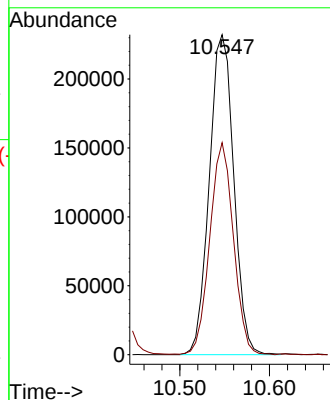
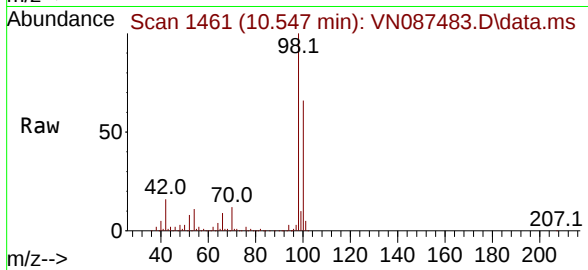
VSTDCCC020

Tgt Ion: 98 Resp: 439722

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7



#64

Chlorobenzene

Concen: 19.800 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087483.D

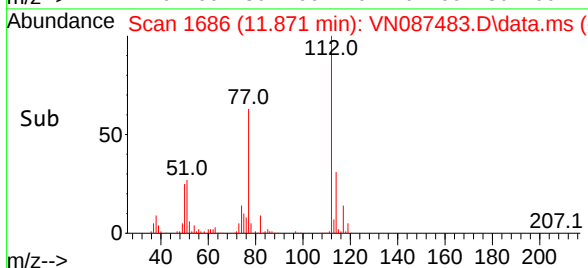
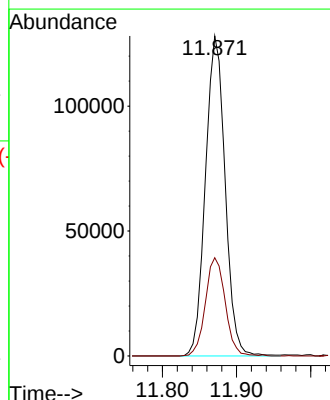
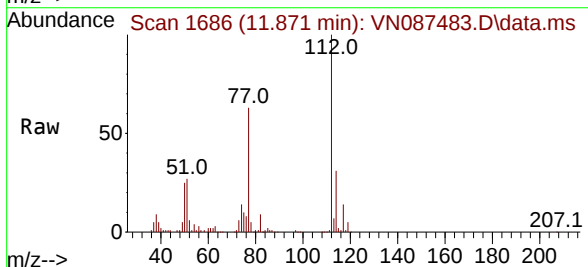
Acq: 07 Aug 2025 10:00

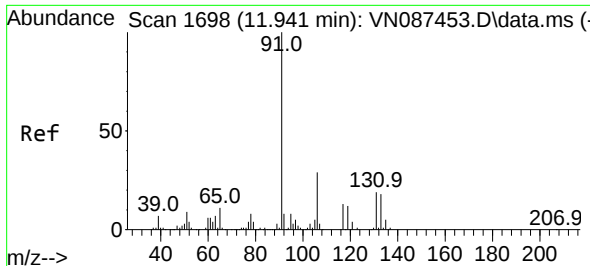
Tgt Ion: 112 Resp: 236023

Ion Ratio Lower Upper

112 100

114 30.7 24.7 37.1

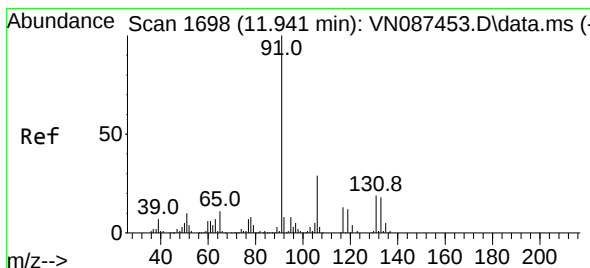
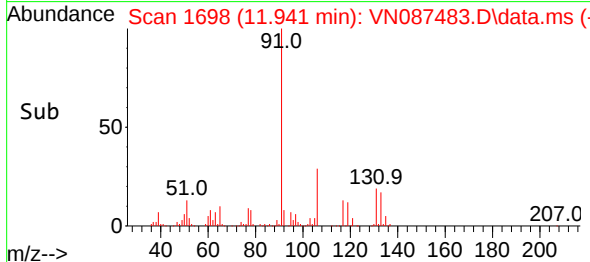
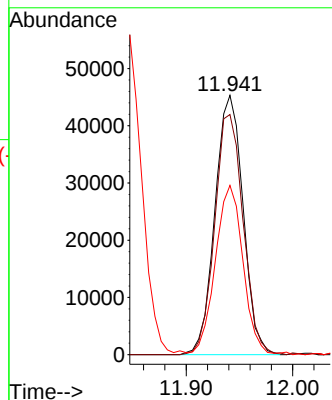
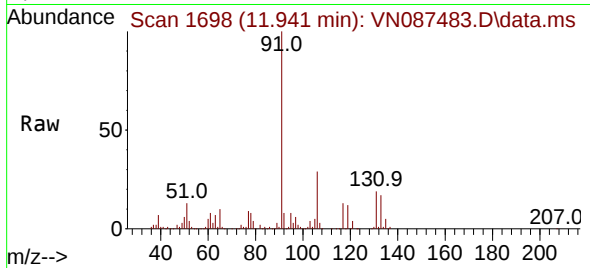




#65
1,1,1,2-Tetrachloroethane
Concen: 19.838 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

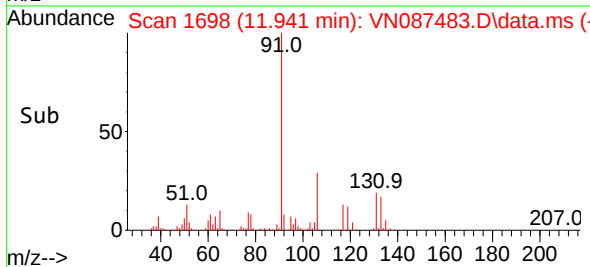
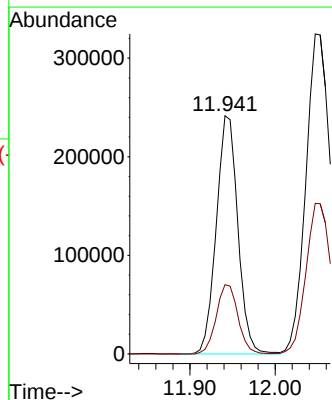
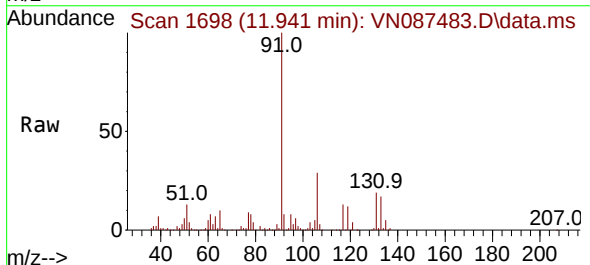
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

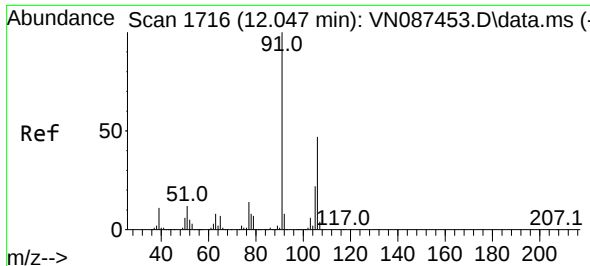
Tgt Ion:131 Resp: 83140
Ion Ratio Lower Upper
131 100
133 93.8 0.0 189.8
119 64.0 0.0 133.2



#66
Ethyl Benzene
Concen: 19.650 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 91 Resp: 424869
Ion Ratio Lower Upper
91 100
106 29.1 22.9 34.3

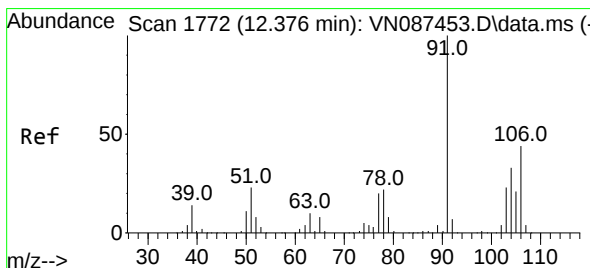
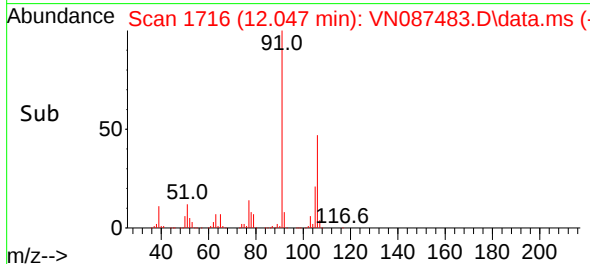
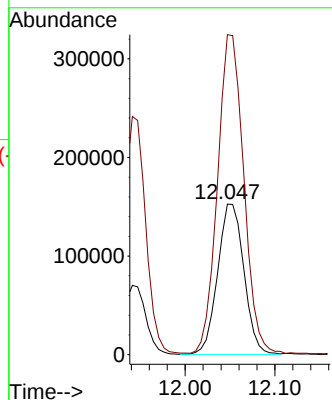
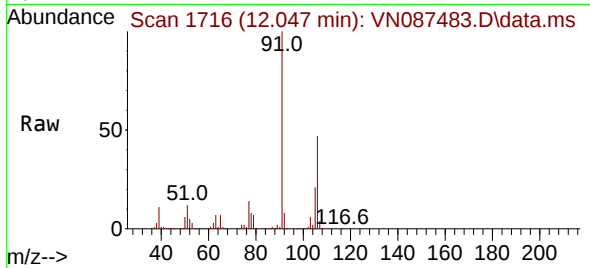




#67
m/p-Xylenes
Concen: 39.032 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

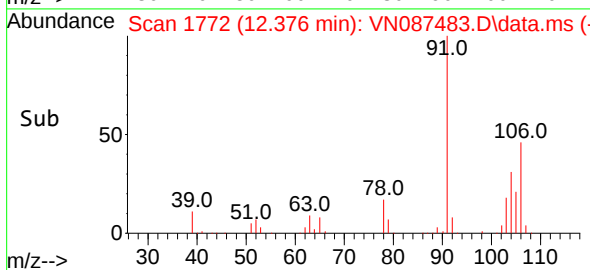
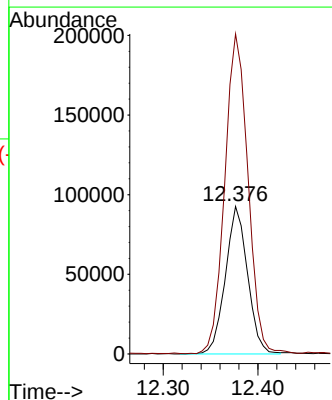
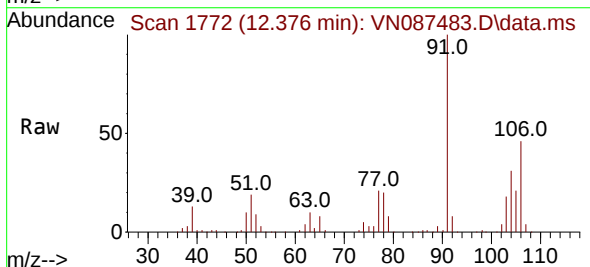
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

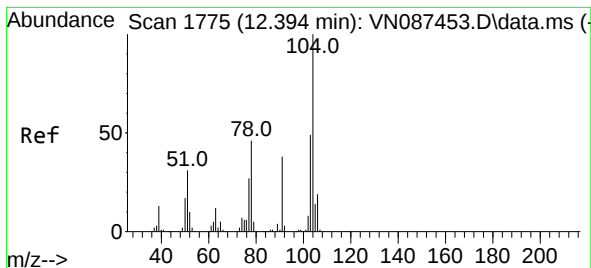
Tgt Ion:106 Resp: 309782
Ion Ratio Lower Upper
106 100
91 211.8 174.2 261.2



#68
o-Xylene
Concen: 19.291 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion:106 Resp: 150621
Ion Ratio Lower Upper
106 100
91 226.8 114.5 343.5





#69

Styrene

Concen: 19.571 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

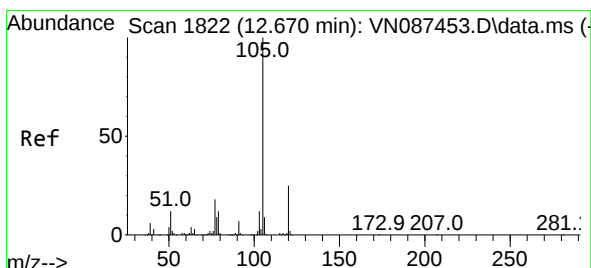
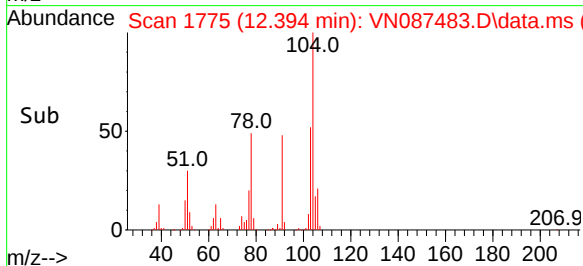
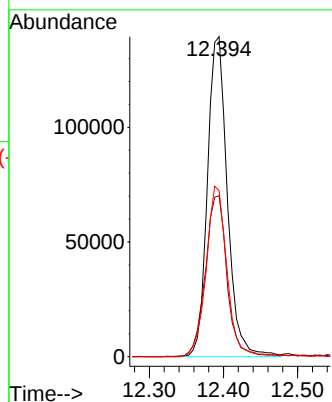
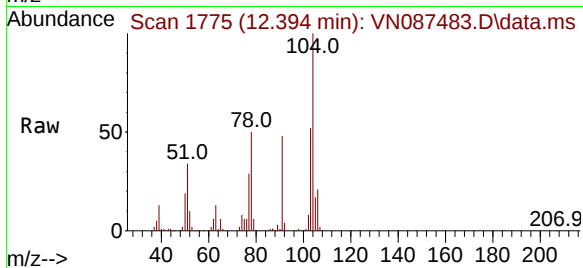
Tgt Ion:104 Resp: 260927

Ion Ratio Lower Upper

104 100

78 54.7 43.8 65.8

103 55.6 43.1 64.7



#70

Isopropylbenzene

Concen: 19.294 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087483.D

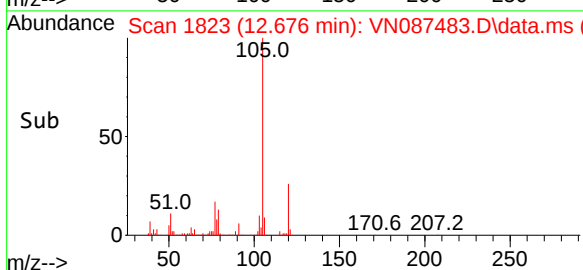
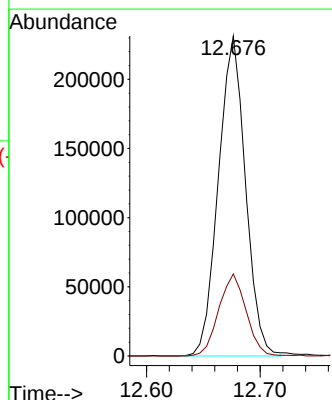
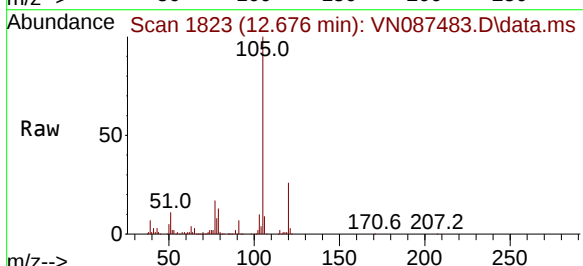
Acq: 07 Aug 2025 10:00

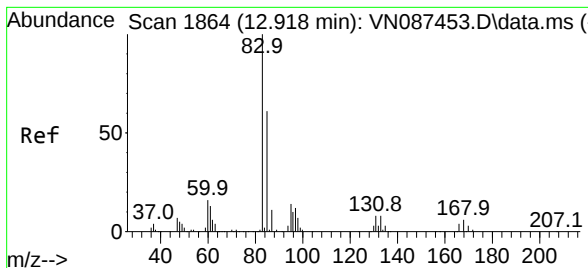
Tgt Ion:105 Resp: 382726

Ion Ratio Lower Upper

105 100

120 25.9 17.5 32.5

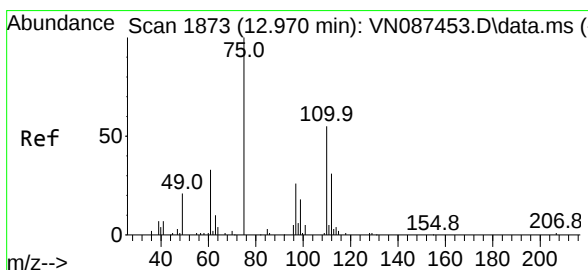
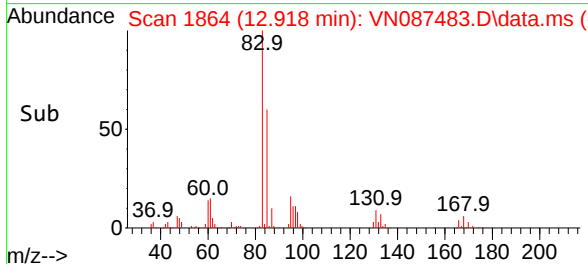
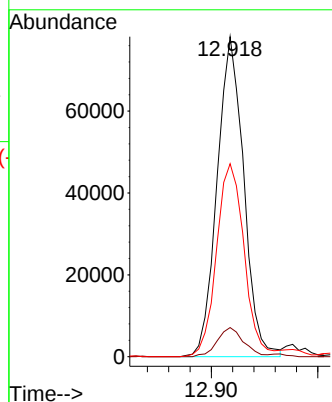
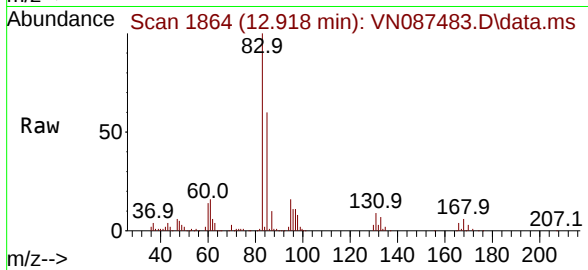




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.983 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

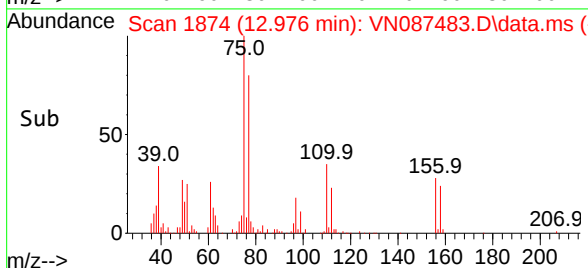
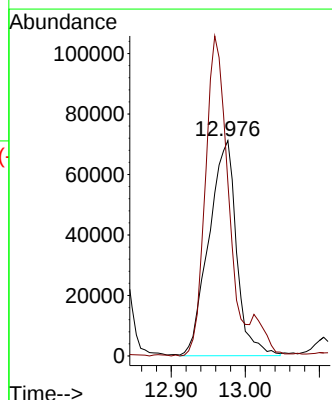
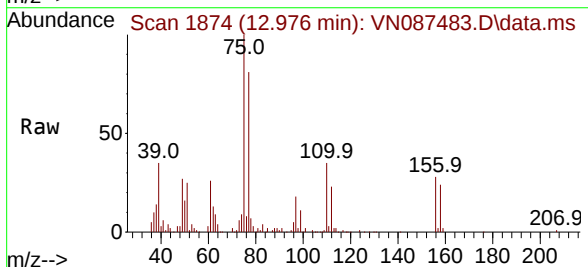
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

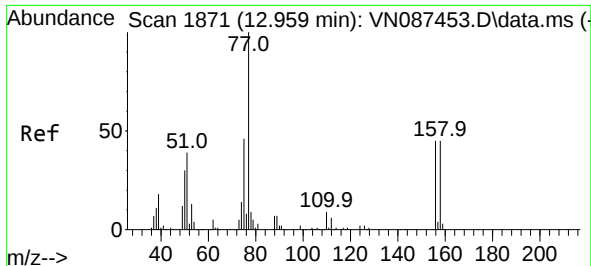
Tgt Ion: 83 Resp: 135822
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.8 14.3
 85 62.4 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 29.174 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion: 75 Resp: 184726
 Ion Ratio Lower Upper
 75 100
 77 122.3 0.0 385.0

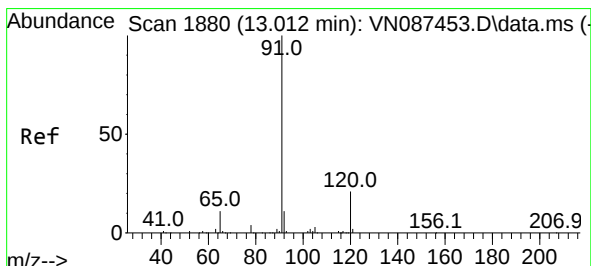
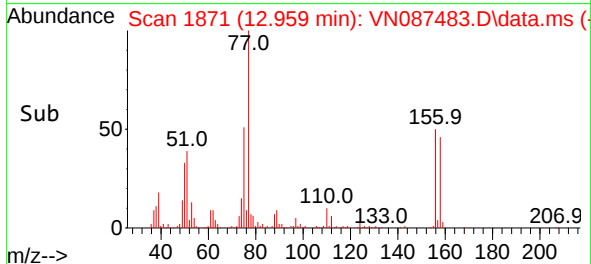
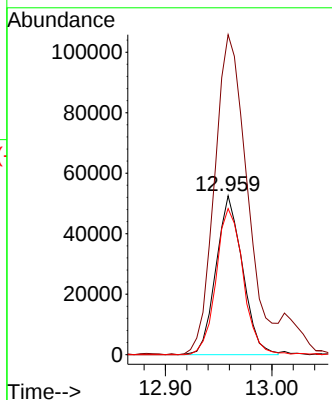
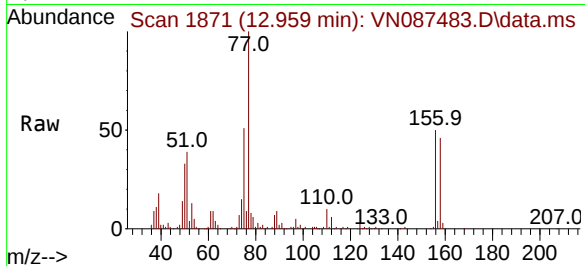




#73
Bromobenzene
Concen: 19.772 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

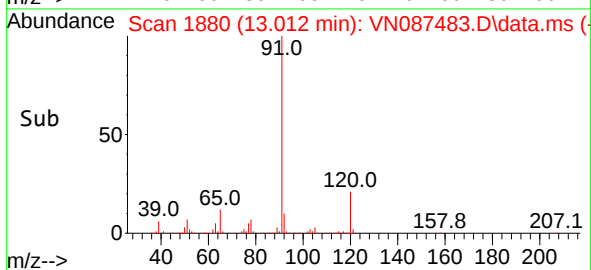
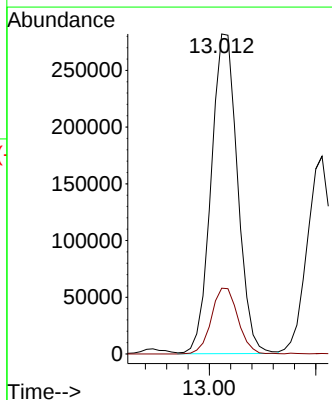
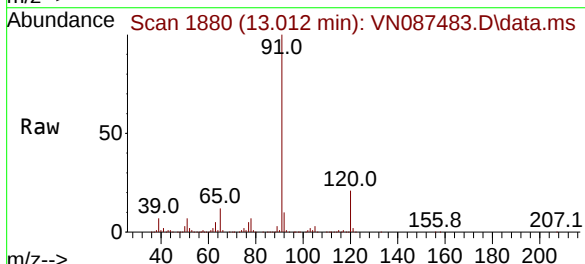
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

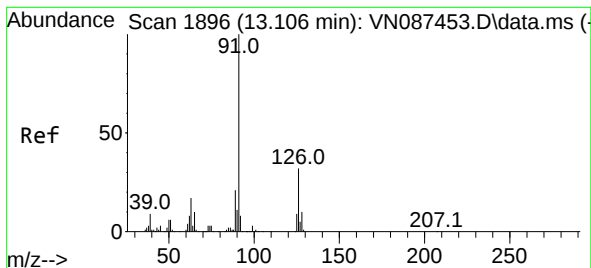
Tgt Ion:156 Resp: 90923
Ion Ratio Lower Upper
156 100
77 248.6 0.0 506.6
158 93.5 0.0 193.6



#74
n-propylbenzene
Concen: 19.607 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 91 Resp: 485735
Ion Ratio Lower Upper
91 100
120 20.6 0.0 41.8

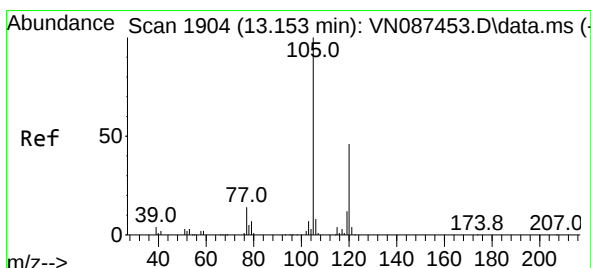
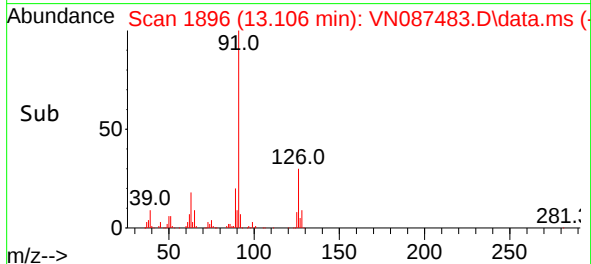
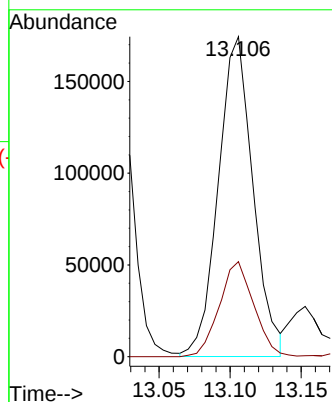
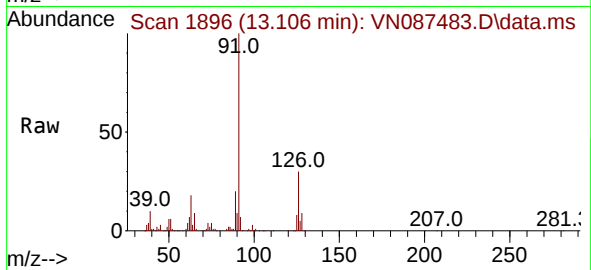




#75
2-Chlorotoluene
Concen: 19.440 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

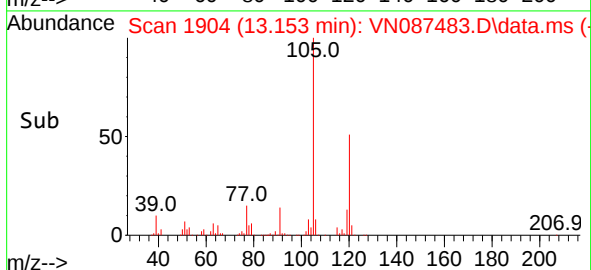
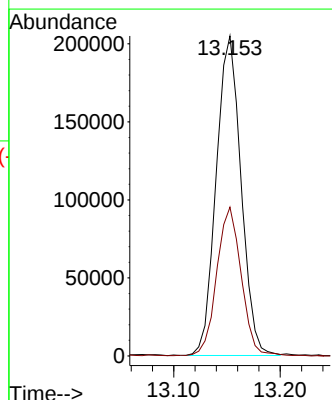
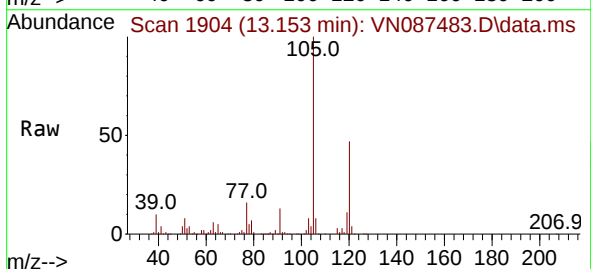
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MSVOA_N
ClientSampleId :
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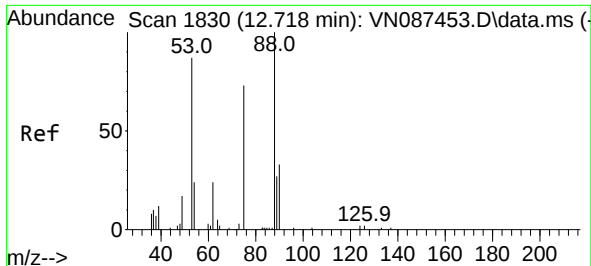
Tgt Ion: 91 Resp: 296250
Ion Ratio Lower Upper
91 100
126 29.5 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 19.502 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 105 Resp: 331231
Ion Ratio Lower Upper
105 100
120 46.0 0.0 91.2

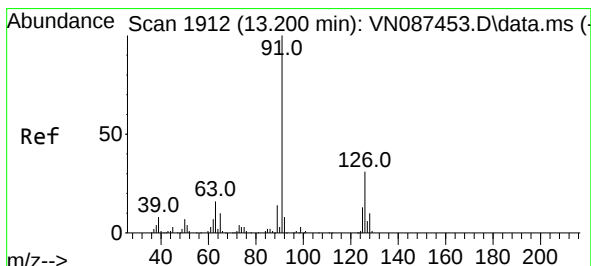
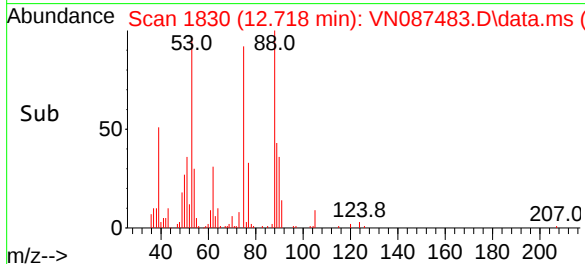
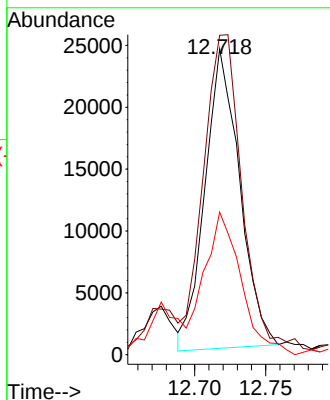
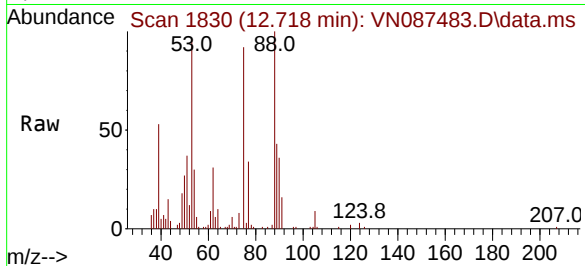




#77
 t-1,4-Dichloro-2-butene
 Concen: 17.151 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

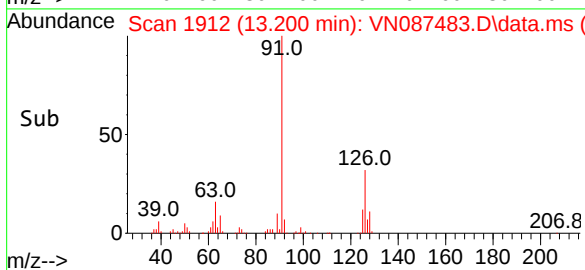
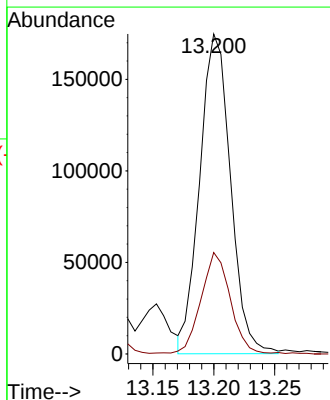
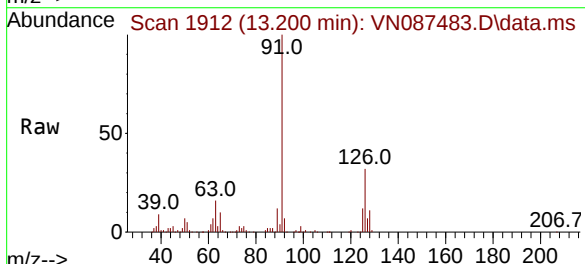
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 ClientSampleId :
 VSTDCCC020

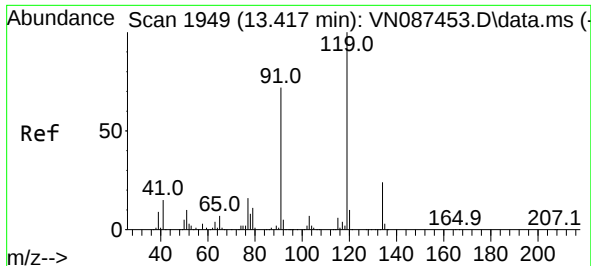
Tgt Ion: 75 Resp: 41109
 Ion Ratio Lower Upper
 75 100
 53 102.2 59.0 176.8
 89 44.4 22.1 66.5



#78
 4-Chlorotoluene
 Concen: 19.916 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion: 91 Resp: 307564
 Ion Ratio Lower Upper
 91 100
 126 30.1 0.0 63.2

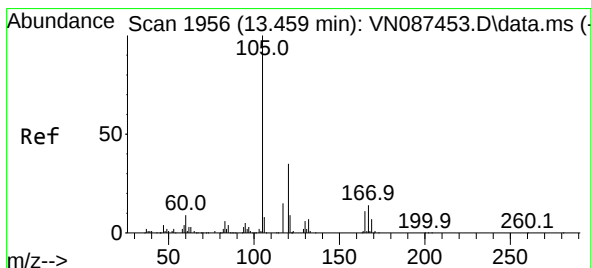
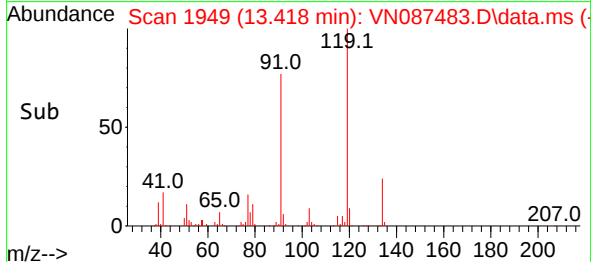
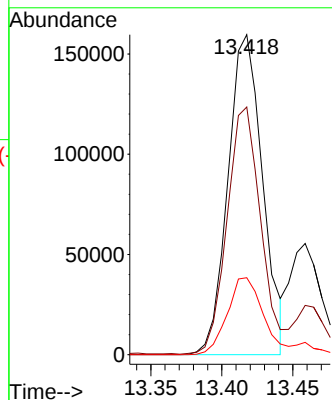
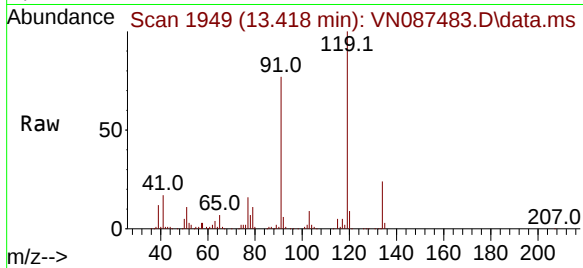




#79
tert-butylbenzene
Concen: 18.954 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

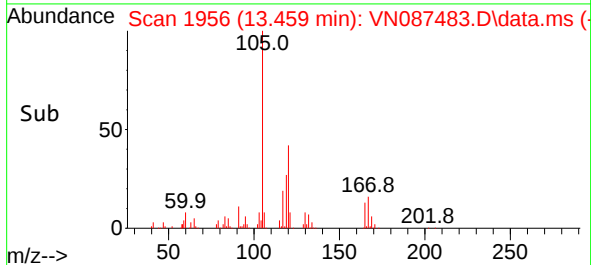
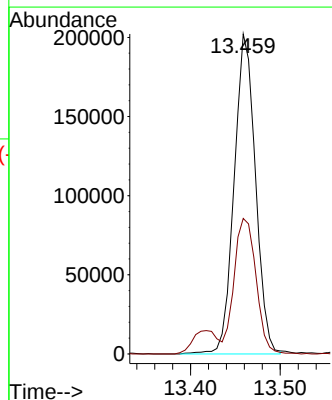
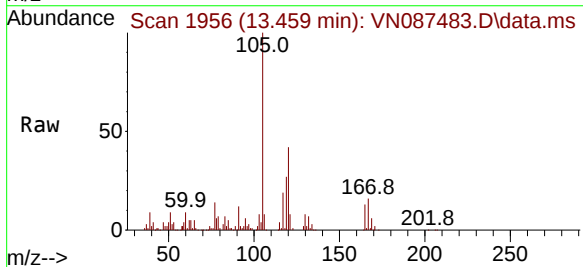
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

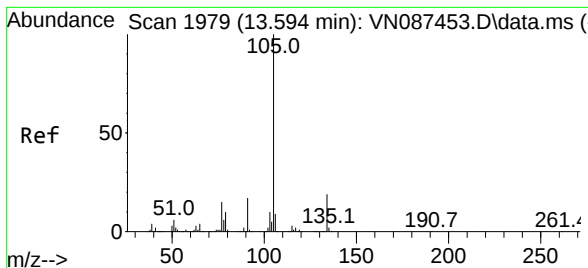
Tgt Ion:119 Resp: 271425
Ion Ratio Lower Upper
119 100
91 74.2 0.0 141.6
134 24.9 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 19.650 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion:105 Resp: 333488
Ion Ratio Lower Upper
105 100
120 43.4 0.0 87.2

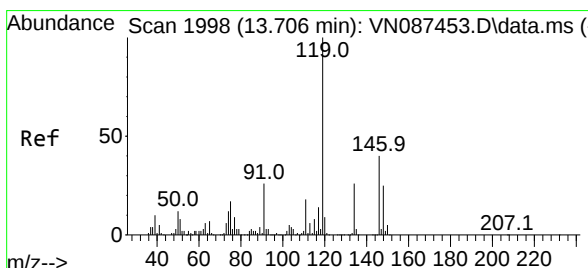
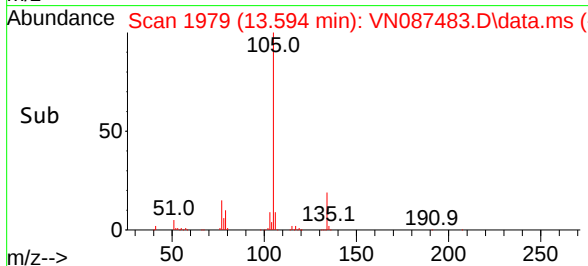
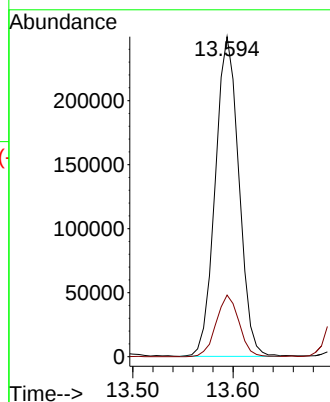
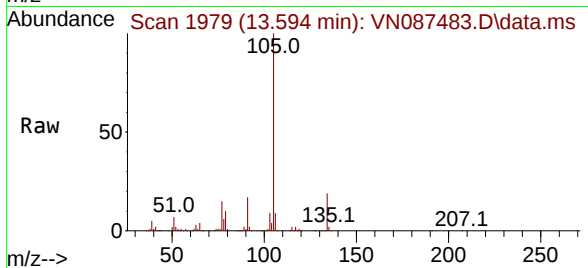




#81
 sec-Butylbenzene
 Concen: 19.596 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

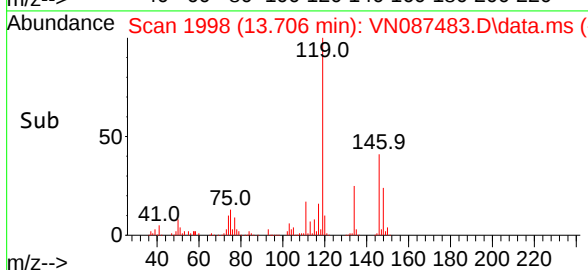
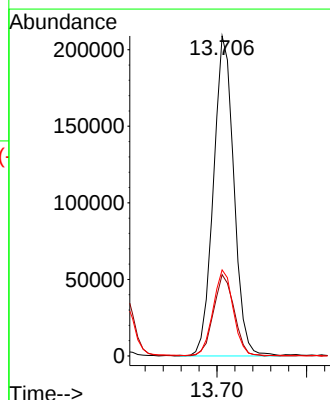
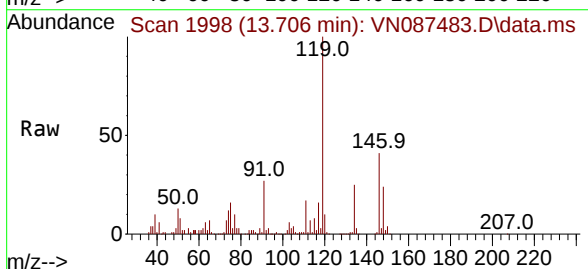
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

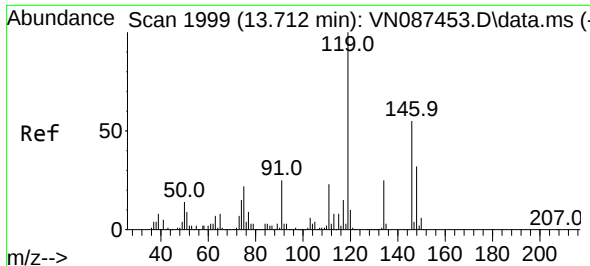
Tgt Ion:105 Resp: 408532
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 19.076 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion:119 Resp: 330199
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.4
 91 26.4 0.0 52.0

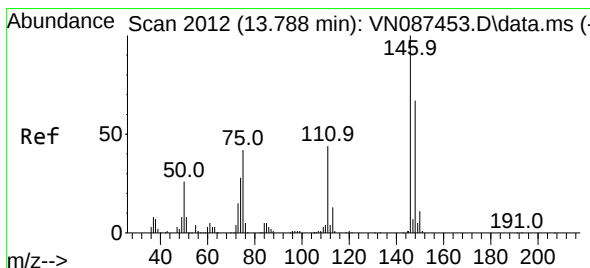
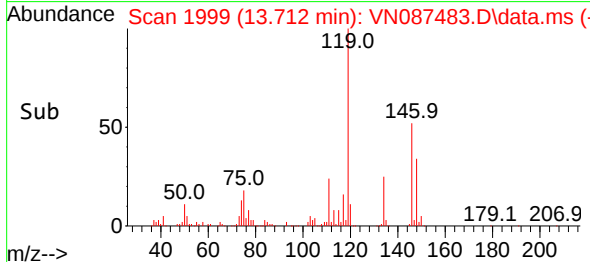
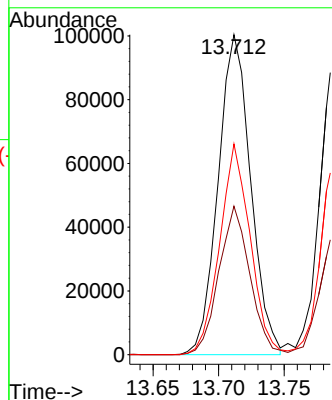
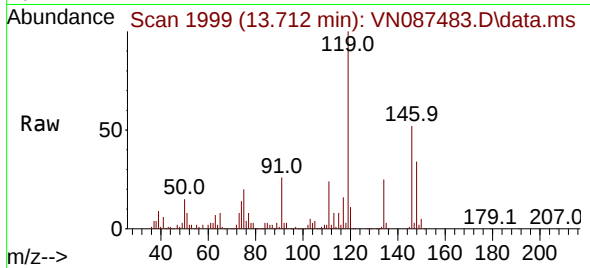




#83
 1,3-Dichlorobenzene
 Concen: 19.785 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

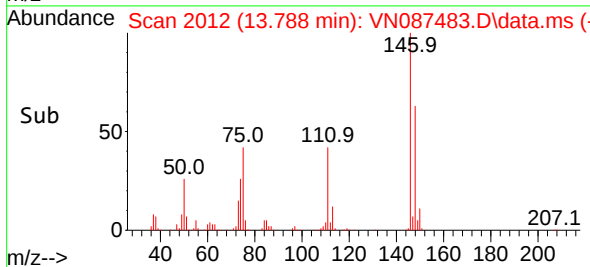
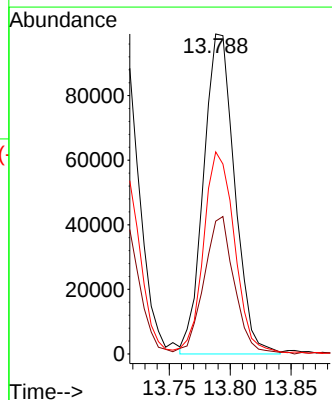
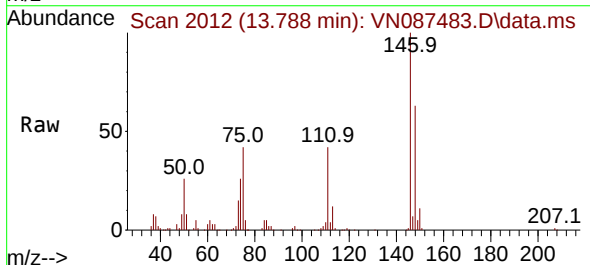
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

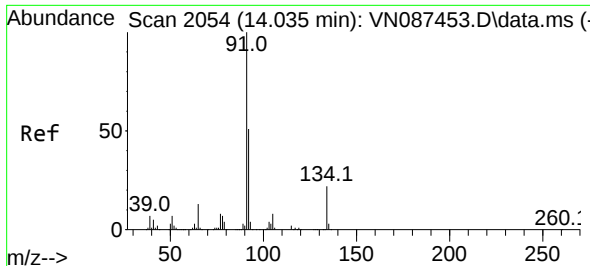
Tgt Ion:146 Resp: 173251
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.9 65.5
 148 62.0 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 19.864 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion:146 Resp: 176355
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.4 31.4 94.3

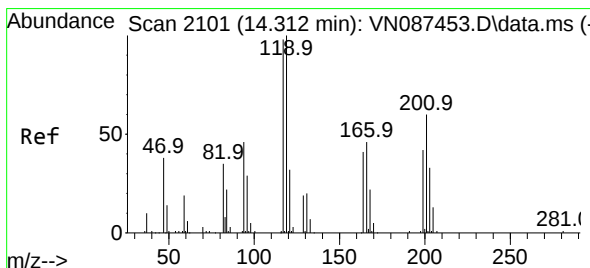
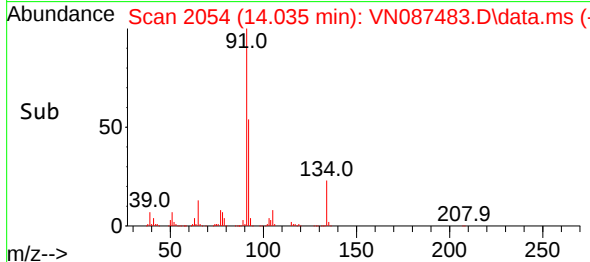
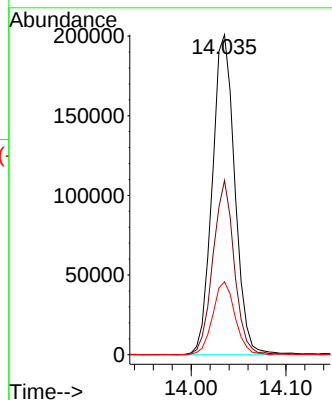
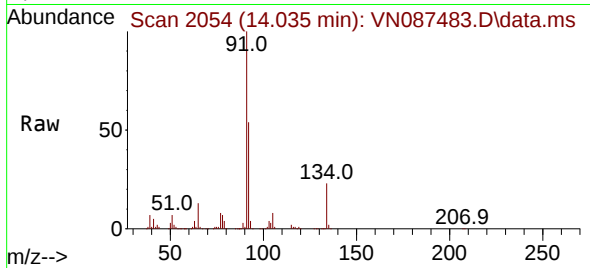




#85
n-Butylbenzene
Concen: 19.569 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

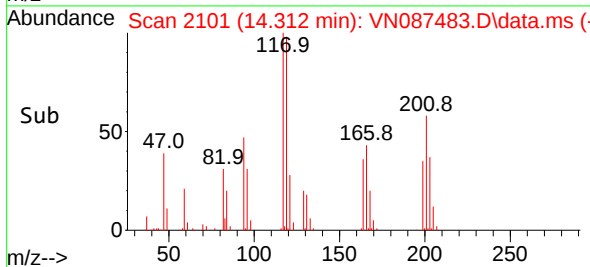
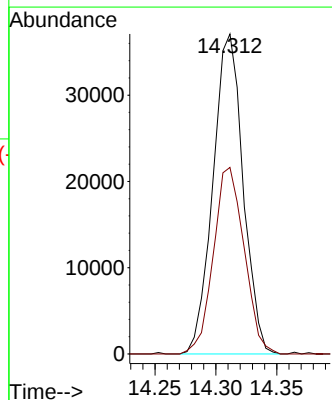
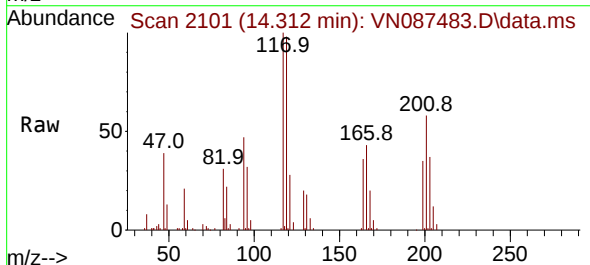
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

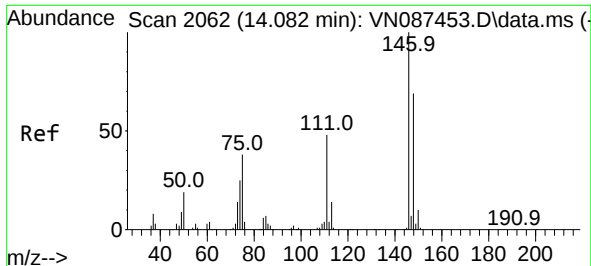
Tgt Ion: 91 Resp: 331418
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.6
134 22.6 0.0 44.4



#86
Hexachloroethane
Concen: 18.883 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087483.D
Acq: 07 Aug 2025 10:00

Tgt Ion: 117 Resp: 63828
Ion Ratio Lower Upper
117 100
201 59.6 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 20.007 ug/l

RT: 14.088 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

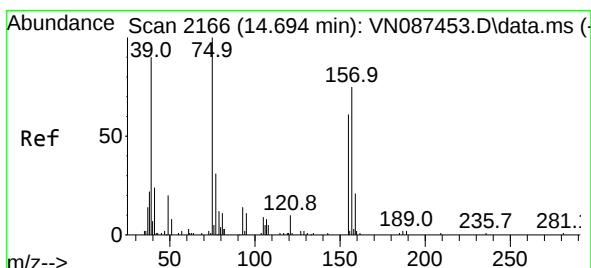
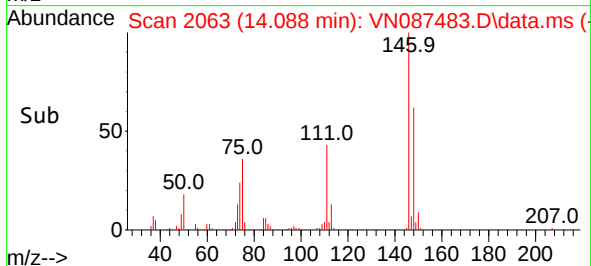
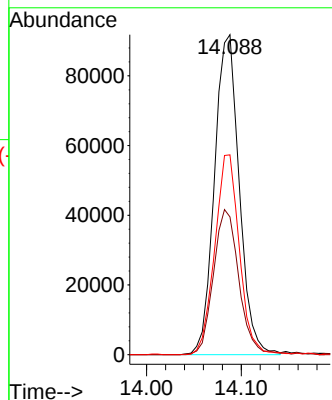
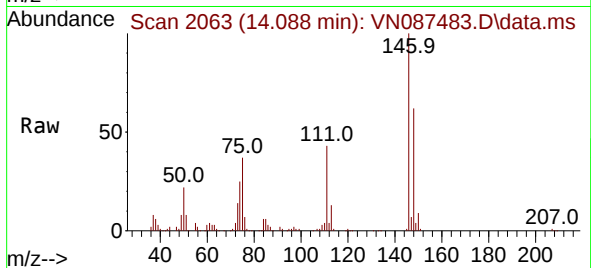
Tgt Ion:146 Resp: 167238

Ion Ratio Lower Upper

146 100

111 46.4 22.9 68.7

148 61.9 31.6 94.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.734 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087483.D

Acq: 07 Aug 2025 10:00

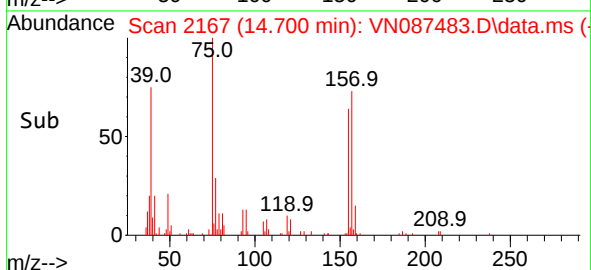
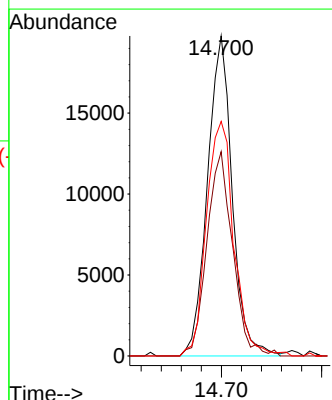
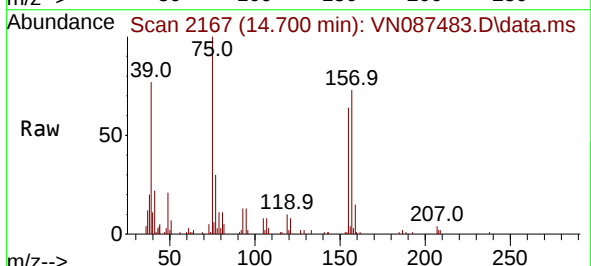
Tgt Ion: 75 Resp: 33978

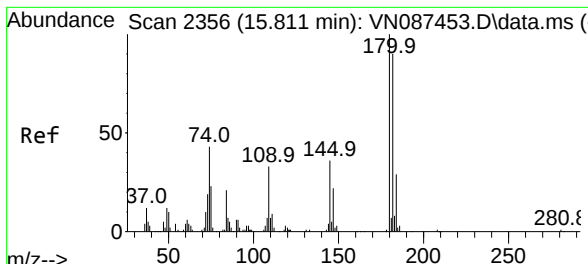
Ion Ratio Lower Upper

75 100

155 66.0 55.7 83.5

157 81.0 65.8 98.6

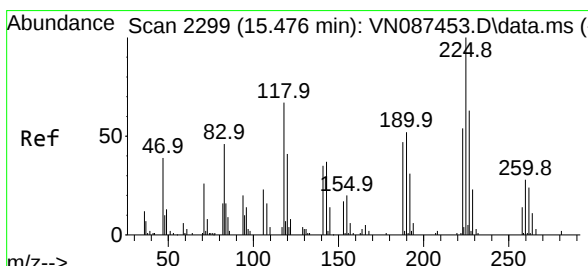
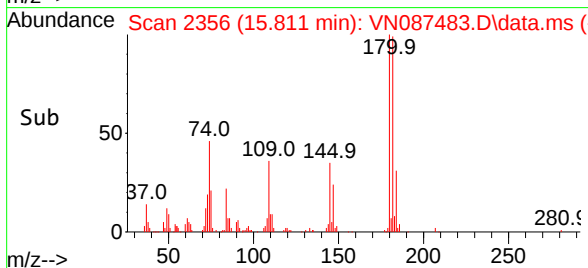
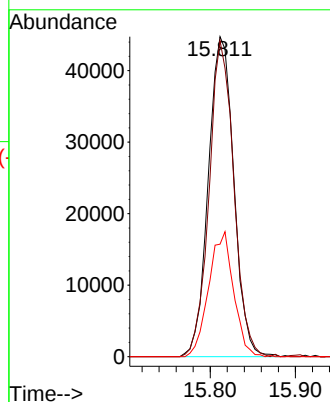
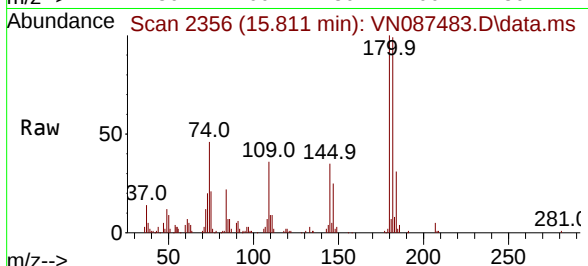




#89
 1,2,4-Trichlorobenzene
 Concen: 18.623 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

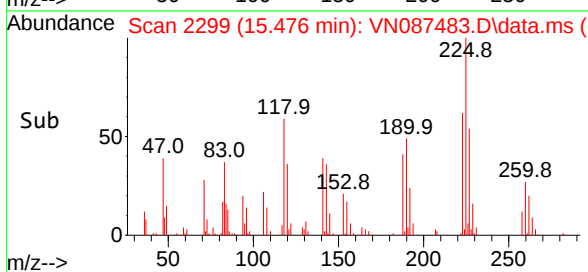
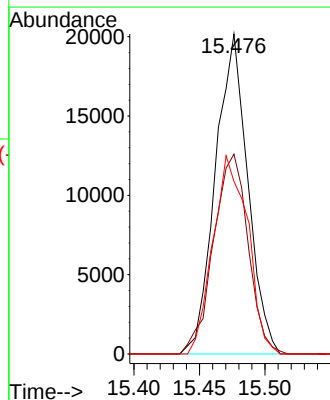
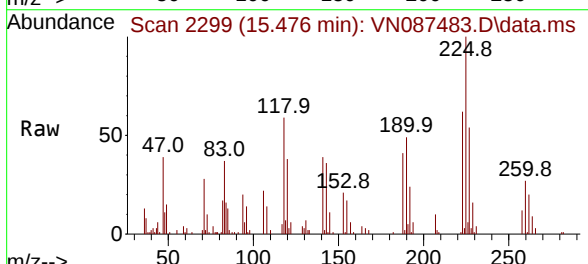
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

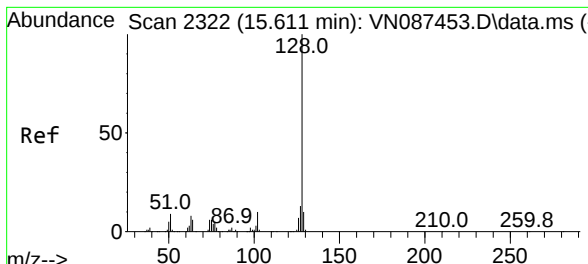
Tgt Ion:	180	Resp:	93029
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.0	112.4
145	37.9	28.6	43.0



#90
 Hexachlorobutadiene
 Concen: 17.832 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion:	225	Resp:	34638
Ion Ratio	Lower	Upper	
225	100		
223	66.7	0.0	116.0
227	66.4	0.0	127.0



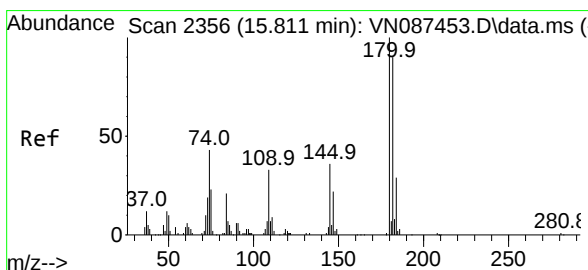
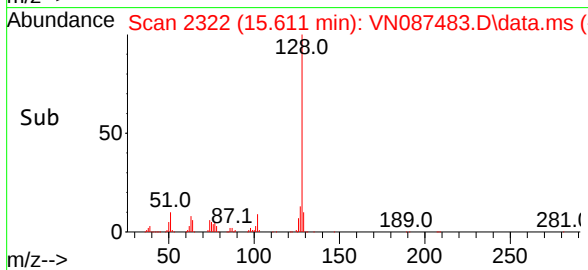
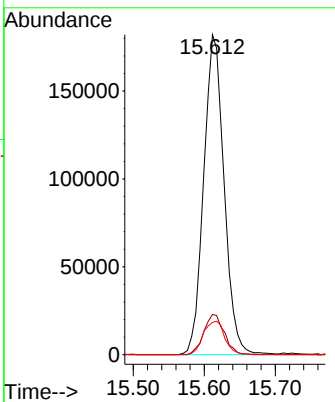
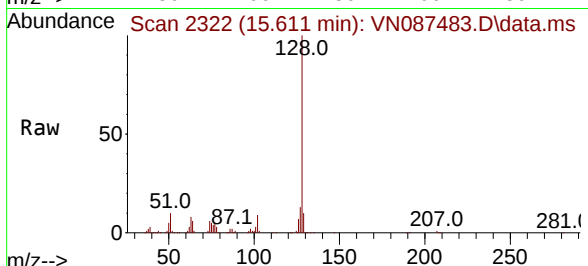


#91
 Naphthalene
 Concen: 19.081 ug/l
 RT: 15.611 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:128 Resp: 363447

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 18.623 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087483.D
 Acq: 07 Aug 2025 10:00

Tgt Ion:180 Resp: 93029

Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	187.4
145	37.9	0.0	71.6

