

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087576.D
 Acq On : 15 Aug 2025 12:58
 Operator : JC\MD
 Sample : VN0815WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	242982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	476885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	437031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	218214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	234932	56.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.960%	
35) Dibromofluoromethane	8.153	113	162237	49.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.640%	
50) Toluene-d8	10.547	98	597718	50.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.829	95	223375	51.525	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54399	21.079	ug/l	95
3) Chloromethane	2.389	50	58277	17.957	ug/l	96
4) Vinyl Chloride	2.542	62	66263	20.545	ug/l	98
5) Bromomethane	2.983	94	37767	22.613	ug/l	92
6) Chloroethane	3.136	64	42235	20.080	ug/l	93
7) Trichlorofluoromethane	3.512	101	95794	20.086	ug/l	99
8) Diethyl Ether	3.959	74	40932	22.126	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	50062	20.449	ug/l	95
10) Methyl Iodide	4.583	142	34225	17.690	ug/l #	96
11) Tert butyl alcohol	5.524	59	78720	100.556	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	52975	19.095	ug/l	89
13) Acrolein	4.177	56	43717	69.585	ug/l	98
14) Allyl chloride	5.018	41	93266	18.576	ug/l	91
15) Acrylonitrile	5.712	53	200032	94.162	ug/l	99
16) Acetone	4.424	43	229809	118.881	ug/l	99
17) Carbon Disulfide	4.706	76	134748	16.383	ug/l	98
18) Methyl Acetate	5.018	43	113467	23.363	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	213934	20.921	ug/l	98
20) Methylene Chloride	5.271	84	65805	19.750	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	57985	18.537	ug/l	94
22) Diisopropyl ether	6.659	45	220785	20.964	ug/l	93
23) Vinyl Acetate	6.594	43	988063	107.273	ug/l	99
24) 1,1-Dichloroethane	6.553	63	117778	19.385	ug/l	96
25) 2-Butanone	7.471	43	294504	98.601	ug/l	96
26) 2,2-Dichloropropane	7.477	77	102750	21.751	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	72375	20.096	ug/l	98
28) Bromochloromethane	7.800	49	65417	22.497	ug/l	88
29) Tetrahydrofuran	7.830	42	185413	95.558	ug/l	99
30) Chloroform	7.947	83	123890	20.372	ug/l	91
31) Cyclohexane	8.235	56	99823	19.694	ug/l	92
32) 1,1,1-Trichloroethane	8.153	97	105314	19.994	ug/l	99
36) 1,1-Dichloropropene	8.353	75	79327	18.253	ug/l	98
37) Ethyl Acetate	7.547	43	113677	18.111	ug/l	98
38) Carbon Tetrachloride	8.341	117	83635	17.469	ug/l	87
39) Methylcyclohexane	9.582	83	86289	18.339	ug/l	96
40) Benzene	8.588	78	255930	18.220	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	60470	18.425	ug/l	98
42) 1,2-Dichloroethane	8.653	62	101594	19.072	ug/l	99
43) Isopropyl Acetate	8.677	43	188788	19.375	ug/l	97
44) Trichloroethene	9.335	130	56703	17.084	ug/l	99
45) 1,2-Dichloropropane	9.600	63	67902	19.025	ug/l	88
46) Dibromomethane	9.694	93	49991	18.707	ug/l	96
47) Bromodichloromethane	9.871	83	100268	18.628	ug/l	96
48) Methyl methacrylate	9.665	41	86784	19.784	ug/l	91
49) 1,4-Dioxane	9.688	88	23506	349.875	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	582012	94.442	ug/l	97
52) Toluene	10.612	92	156670	18.350	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	102269	18.774	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	105170	18.690	ug/l #	88
55) 1,1,2-Trichloroethane	10.994	97	63052	18.241	ug/l	95
56) Ethyl methacrylate	10.859	69	106003	19.019	ug/l #	94
57) 1,3-Dichloropropane	11.147	76	113738	19.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	340435	120.064	ug/l	98
59) 2-Hexanone	11.182	43	376826	92.163	ug/l	98
60) Dibromochloromethane	11.341	129	69893	17.730	ug/l	100
61) 1,2-Dibromoethane	11.447	107	65533	18.032	ug/l	95
64) Tetrachloroethene	11.082	164	44546	15.837	ug/l	95
65) Chlorobenzene	11.870	112	169629	17.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	58692	17.592	ug/l	99
67) Ethyl Benzene	11.947	91	299908	18.567	ug/l	99
68) m/p-Xylenes	12.053	106	217584	35.973	ug/l	91
69) o-Xylene	12.382	106	104961	18.167	ug/l	92
70) Styrene	12.394	104	183322	18.862	ug/l	97
71) Bromoform	12.559	173	42350	15.712	ug/l #	100
73) Isopropylbenzene	12.676	105	272590	19.848	ug/l	98
74) N-amyl acetate	12.541	43	21690	3.801	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.917	83	98427	19.046	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	129479	26.461	ug/l	58
77) Bromobenzene	12.959	156	63580	17.850	ug/l	87
78) n-propylbenzene	13.017	91	350141	20.263	ug/l	96
79) 2-Chlorotoluene	13.106	91	211887	19.952	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	236194	20.185	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	28424	15.894	ug/l	91
82) 4-Chlorotoluene	13.200	91	219058	19.813	ug/l	96
83) tert-Butylbenzene	13.417	119	194418	19.893	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	244978	20.500	ug/l	95
85) sec-Butylbenzene	13.594	105	300191	20.392	ug/l	98
86) p-Isopropyltoluene	13.706	119	246125	20.862	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	128960	18.448	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	131608	17.628	ug/l	95
89) n-Butylbenzene	14.035	91	239433	21.254	ug/l	98
90) Hexachloroethane	14.311	117	43390	17.359	ug/l	93
91) 1,2-Dichlorobenzene	14.088	146	125478	18.947	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23782	17.528	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	73539	18.904	ug/l	97
94) Hexachlorobutadiene	15.476	225	28132	19.462	ug/l	96
95) Naphthalene	15.617	128	260647	18.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	73634	18.870	ug/l	99

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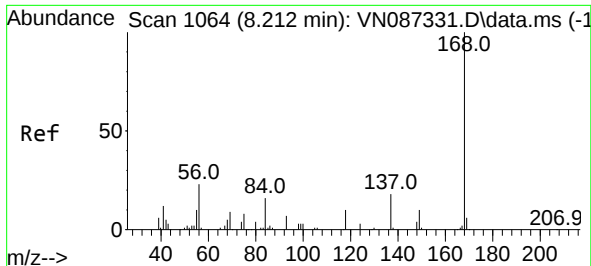
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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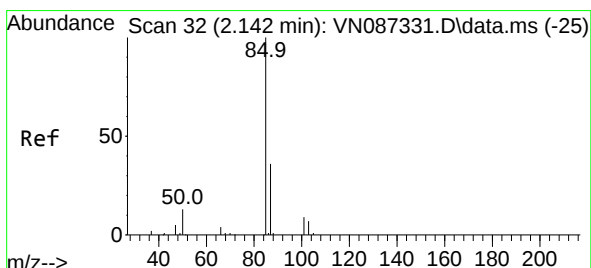
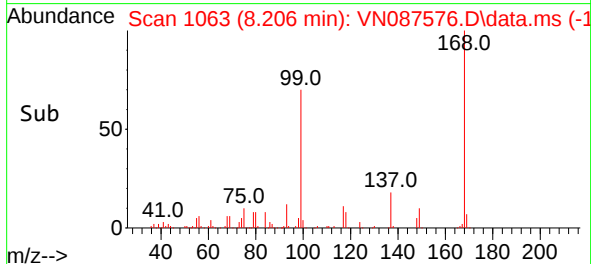
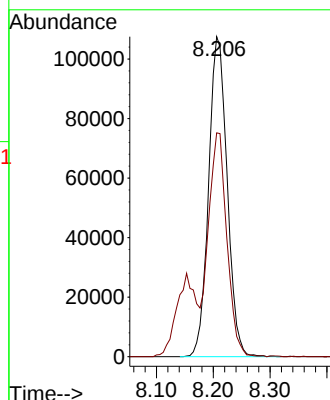
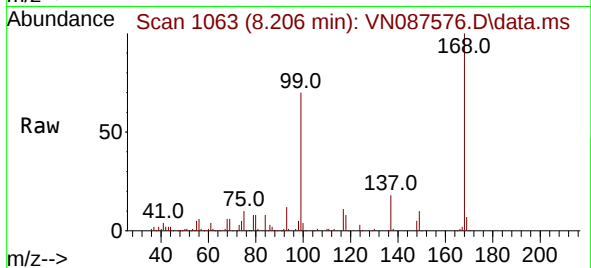




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

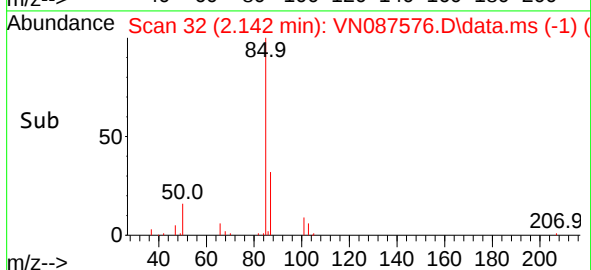
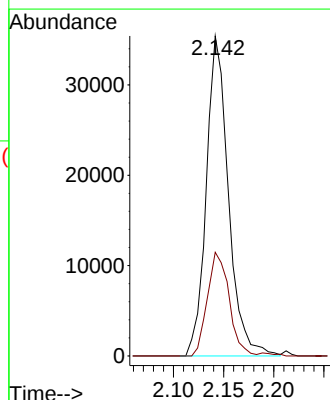
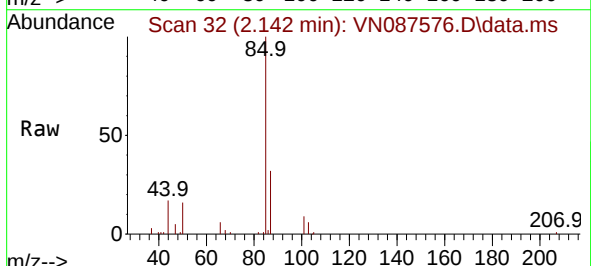
Instrument :
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ClientSampleId :

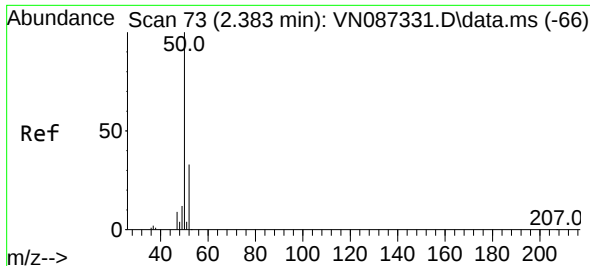
Tgt Ion:168 Resp: 242982
Ion Ratio Lower Upper
168 100
99 69.8 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 21.079 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 85 Resp: 54399
Ion Ratio Lower Upper
85 100
87 32.4 17.8 53.3

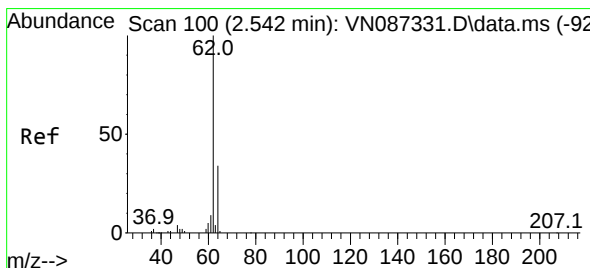
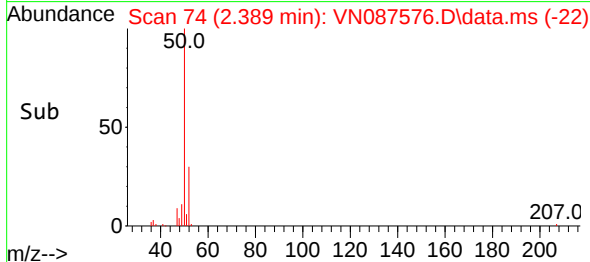
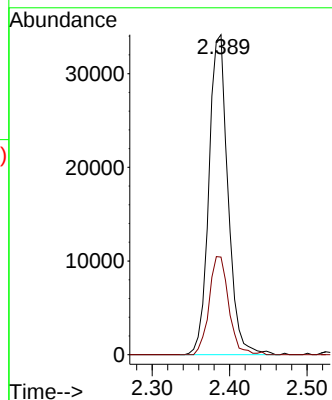
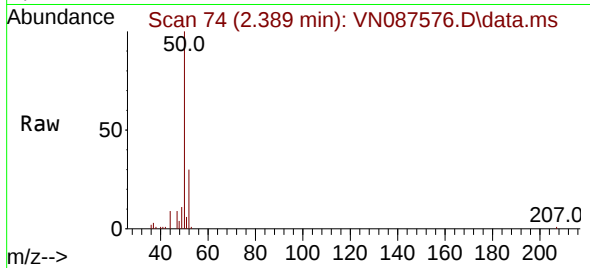




#3
Chloromethane
Concen: 17.957 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

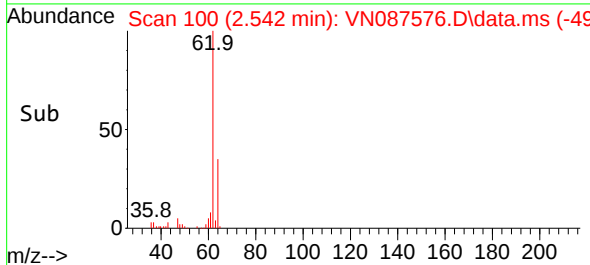
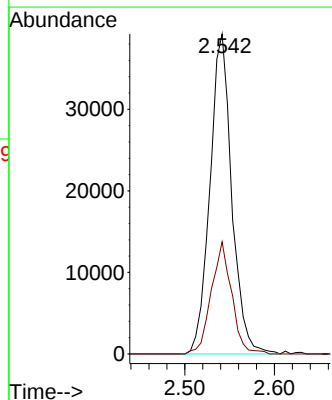
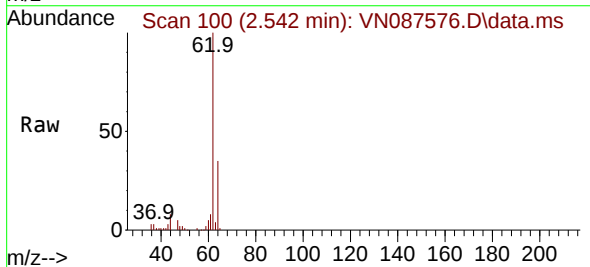
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ClientSampleId :

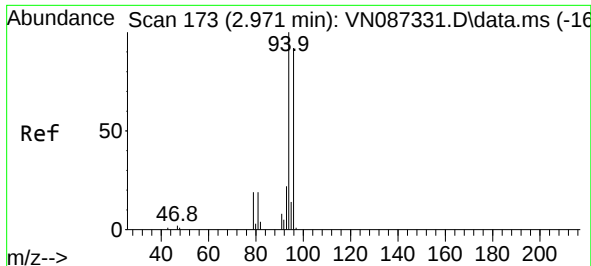
Tgt Ion: 50 Resp: 58277
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5



#4
Vinyl Chloride
Concen: 20.545 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 62 Resp: 66263
Ion Ratio Lower Upper
62 100
64 35.0 27.0 40.6

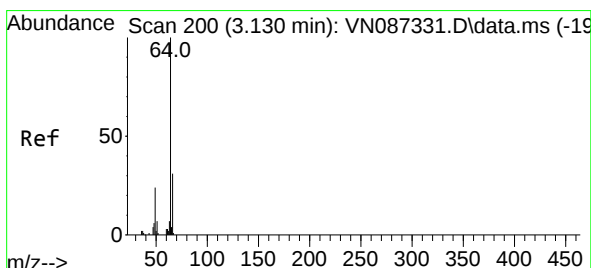
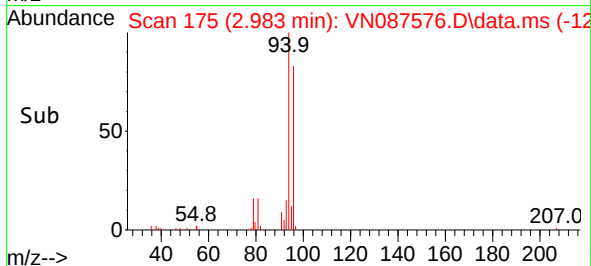
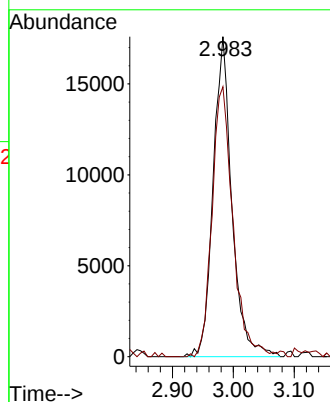
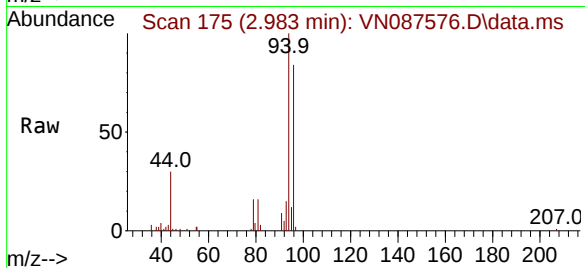




#5
Bromomethane
Concen: 22.613 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

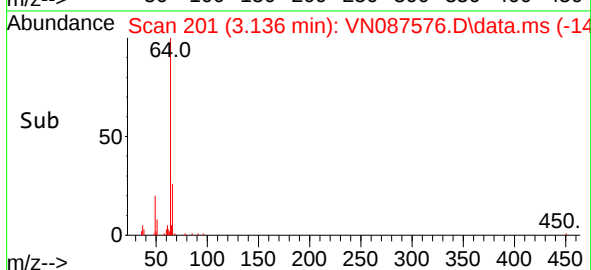
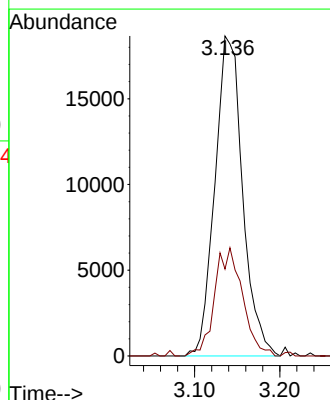
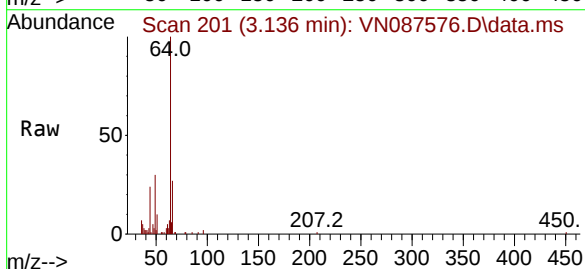
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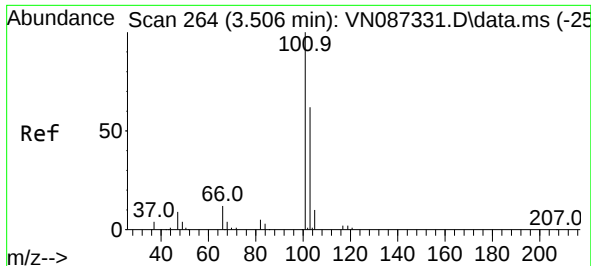
Tgt Ion: 94 Resp: 37767
Ion Ratio Lower Upper
94 100
96 84.4 73.4 110.2



#6
Chloroethane
Concen: 20.080 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 64 Resp: 42235
Ion Ratio Lower Upper
64 100
66 27.1 24.6 36.8

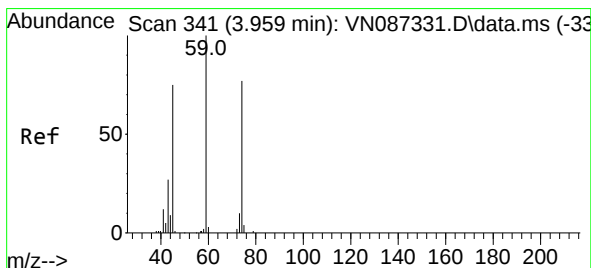
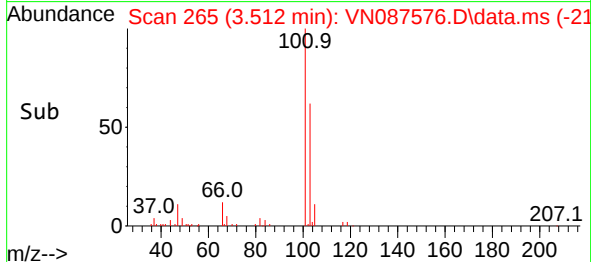
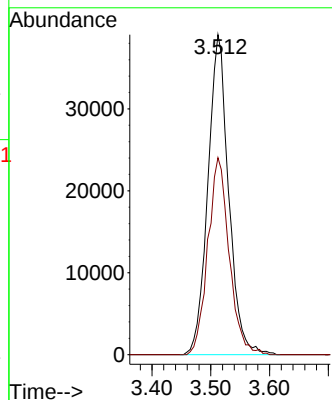
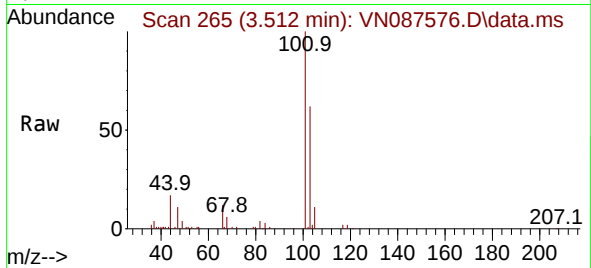




#7
Trichlorofluoromethane
Concen: 20.086 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

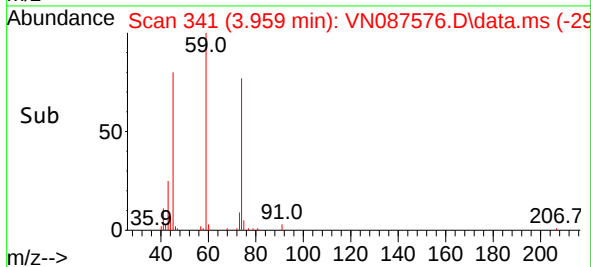
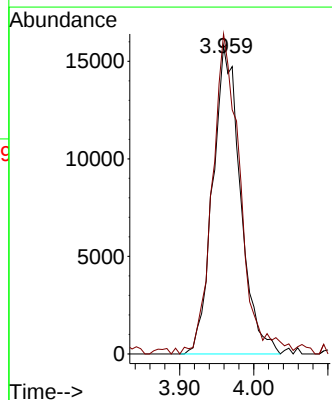
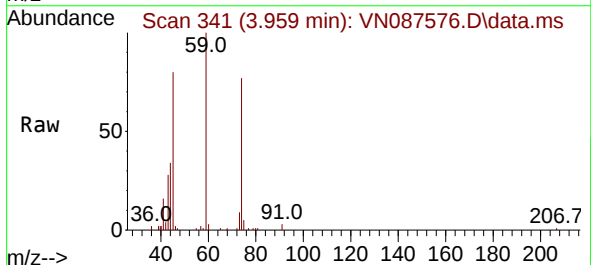
Instrument :
MSVOA_N
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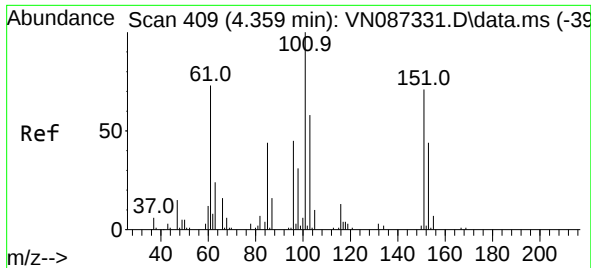
Tgt Ion:101 Resp: 95794
Ion Ratio Lower Upper
101 100
103 61.6 49.8 74.6



#8
Diethyl Ether
Concen: 22.126 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 74 Resp: 40932
Ion Ratio Lower Upper
74 100
45 104.5 50.8 152.5

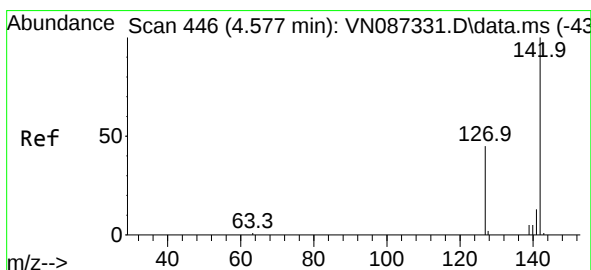
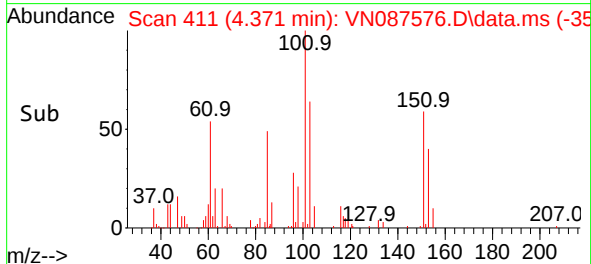
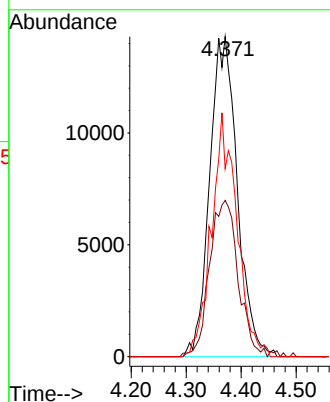
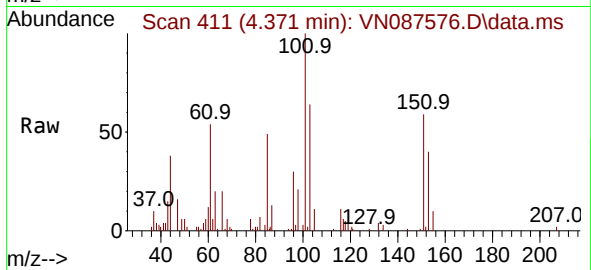




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.449 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

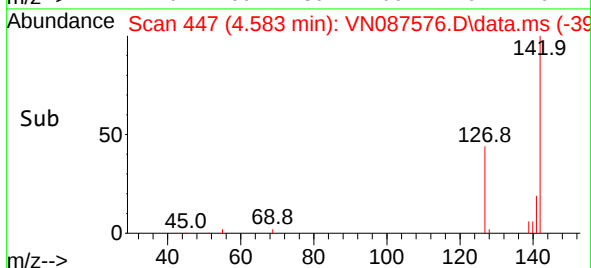
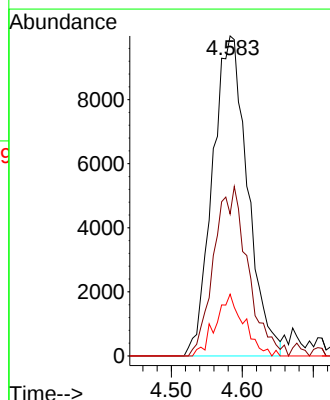
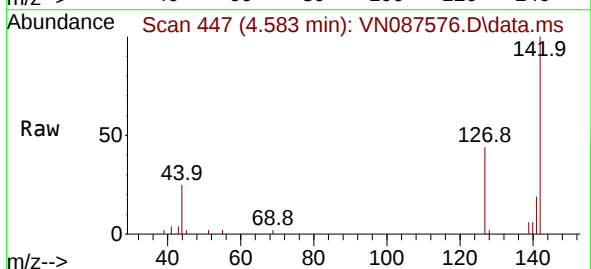
Instrument :
MSVOA_N
ClientSampleId :

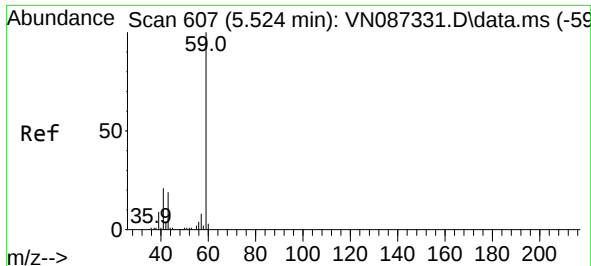
Tgt Ion:101 Resp: 50062
Ion Ratio Lower Upper
101 100
85 50.5 37.3 55.9
151 69.7 58.9 88.3



#10
Methyl Iodide
Concen: 17.690 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion:142 Resp: 34225
Ion Ratio Lower Upper
142 100
127 44.3 35.7 53.5
141 19.3 10.4 15.6#

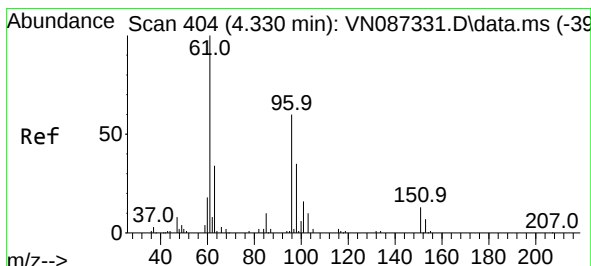
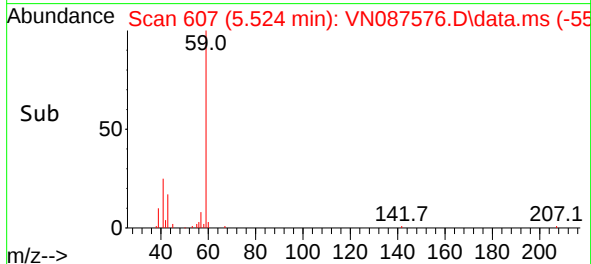
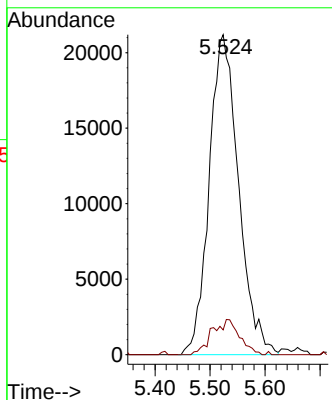
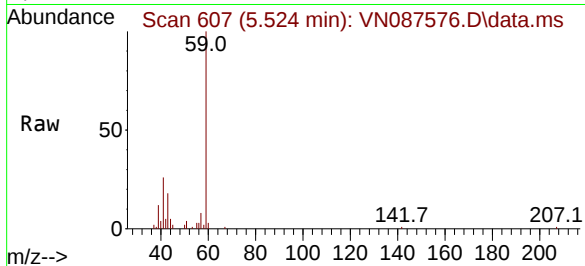




#11
Tert butyl alcohol
Concen: 100.556 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

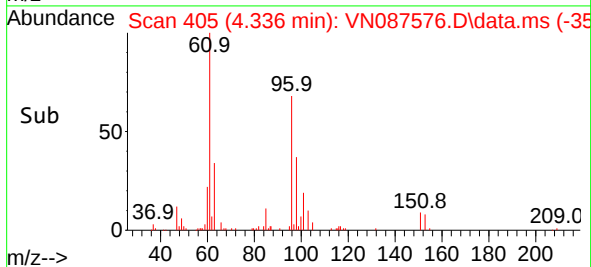
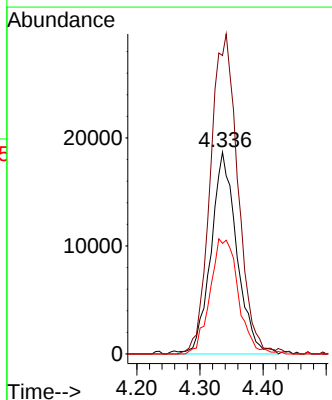
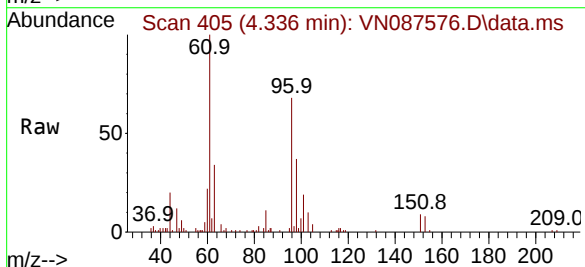
Instrument :
MSVOA_N
ClientSampleId :

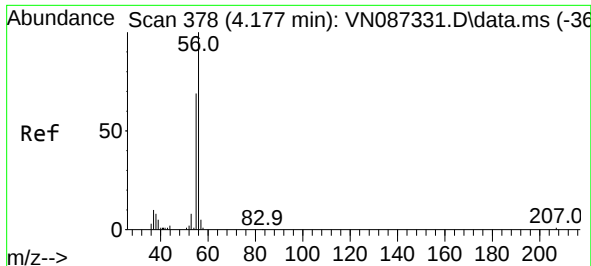
Tgt Ion: 59 Resp: 78720
Ion Ratio Lower Upper
59 100
57 5.5 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.095 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 96 Resp: 52975
Ion Ratio Lower Upper
96 100
61 148.0 132.3 198.5
98 54.8 46.8 70.2





#13

Acrolein

Concen: 69.585 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

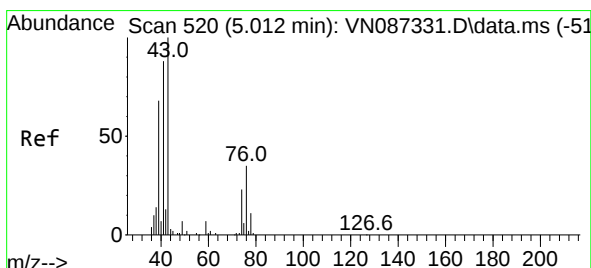
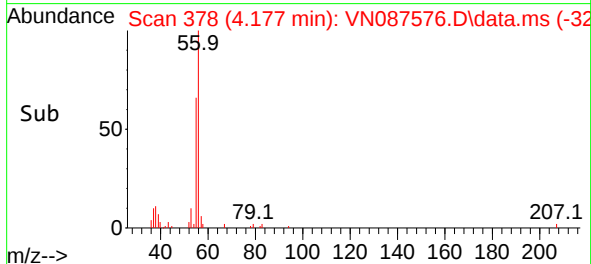
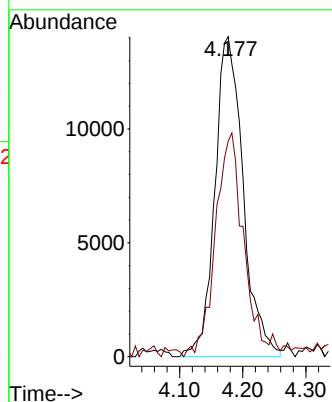
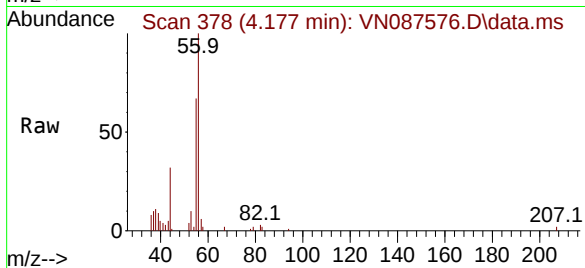
ClientSampleId :

Tgt Ion: 56 Resp: 43717

Ion Ratio Lower Upper

56 100

55 69.0 56.2 84.4



#14

Allyl chloride

Concen: 18.576 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

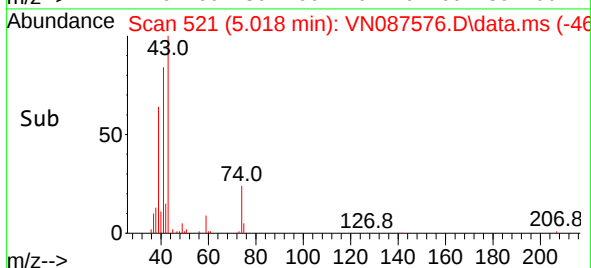
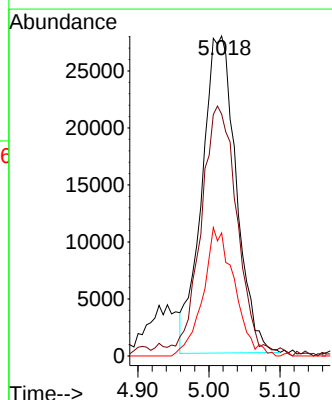
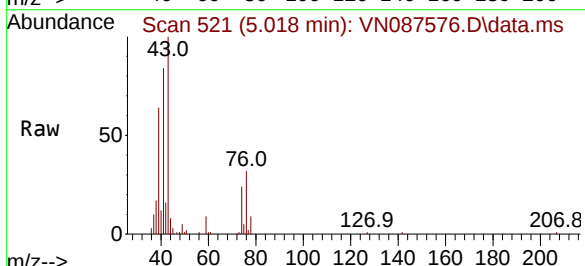
Tgt Ion: 41 Resp: 93266

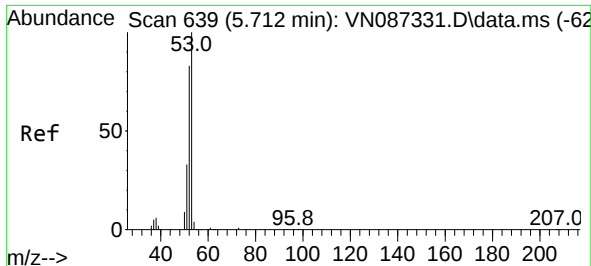
Ion Ratio Lower Upper

41 100

39 83.7 59.0 88.6

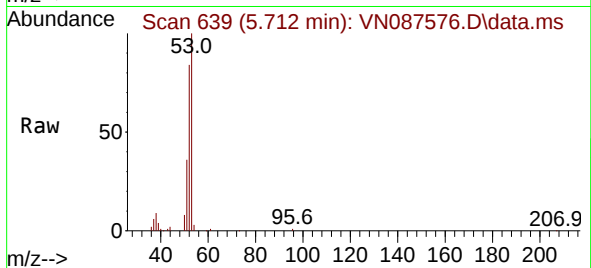
76 37.1 28.7 43.1



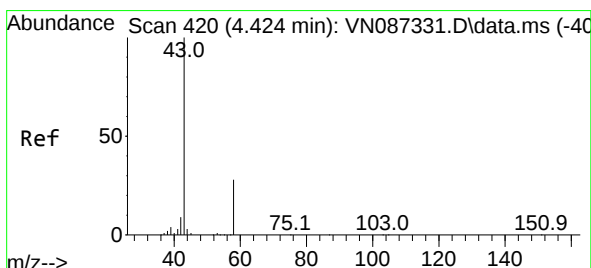
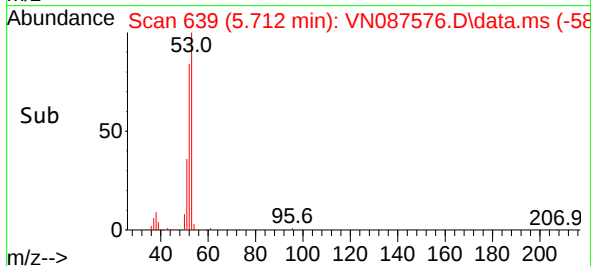
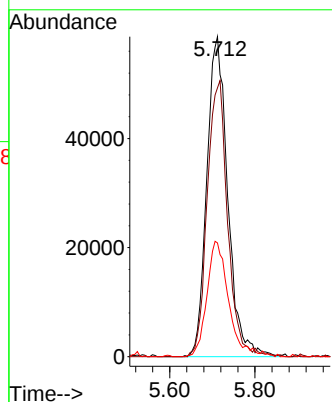


#15
Acrylonitrile
Concen: 94.162 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :

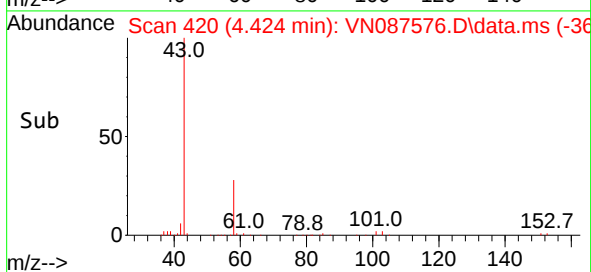
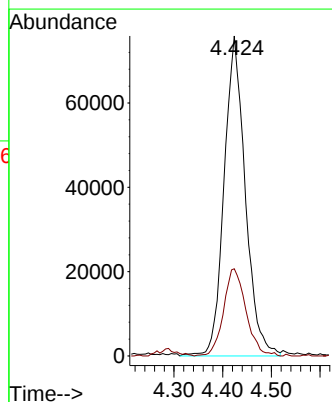
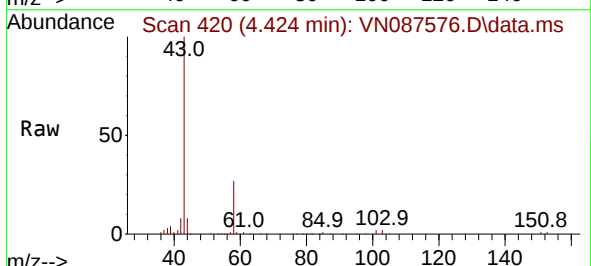


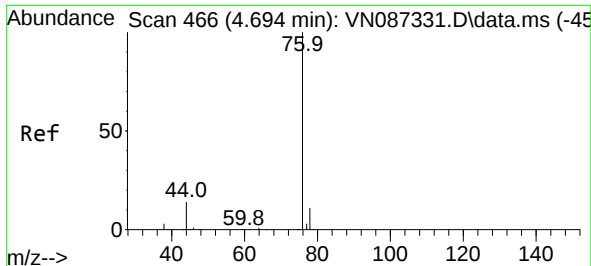
Tgt Ion: 53 Resp: 200032
Ion Ratio Lower Upper
53 100
52 83.0 65.5 98.3
51 37.0 28.7 43.1



#16
Acetone
Concen: 118.881 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 43 Resp: 229809
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

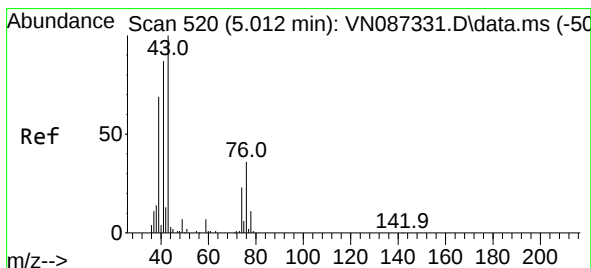
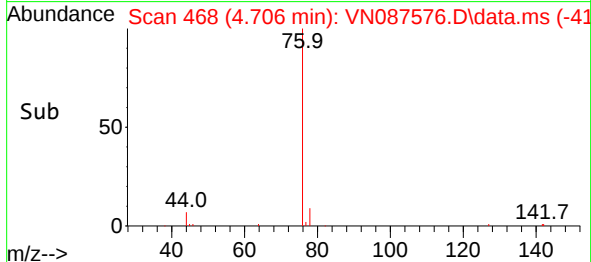
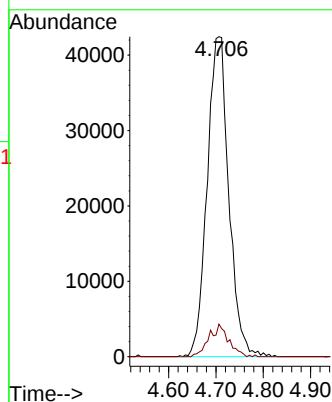
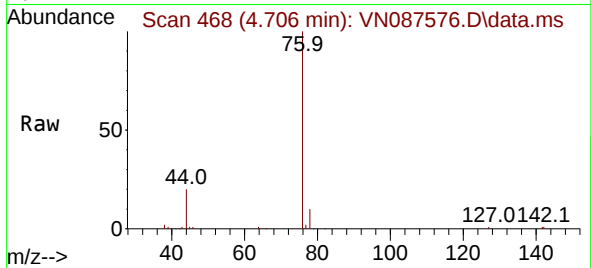




#17
Carbon Disulfide
Concen: 16.383 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

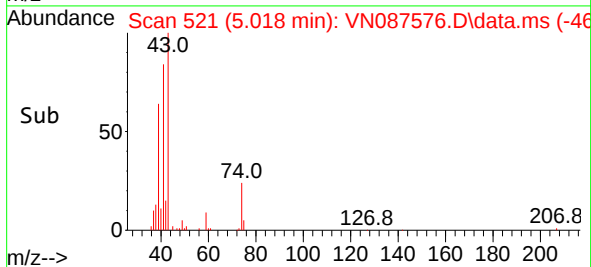
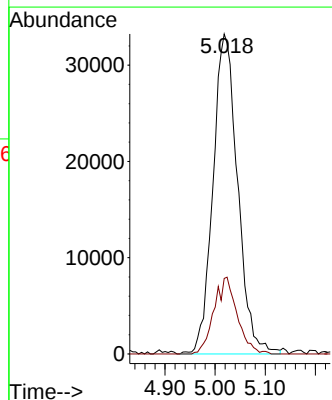
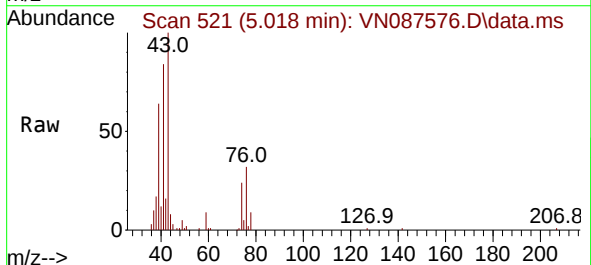
Instrument :
MSVOA_N
ClientSampleId :

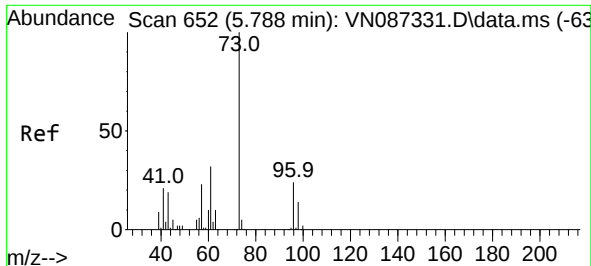
Tgt Ion: 76 Resp: 134748
Ion Ratio Lower Upper
76 100
78 10.1 8.6 13.0



#18
Methyl Acetate
Concen: 23.363 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 43 Resp: 113467
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6

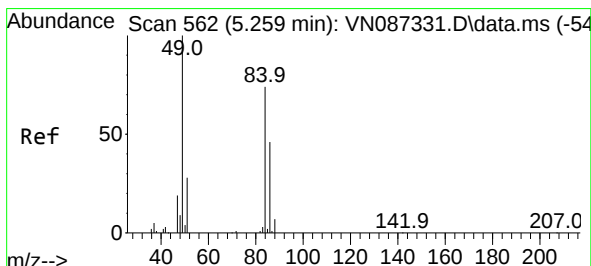
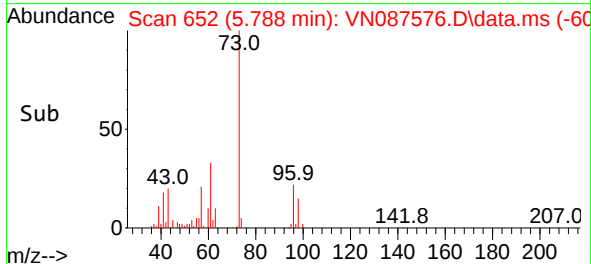
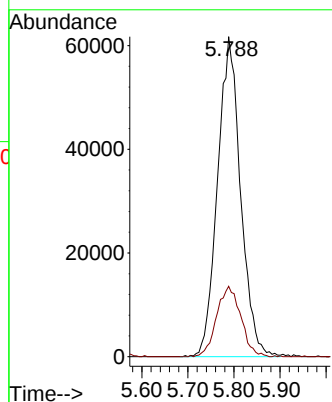
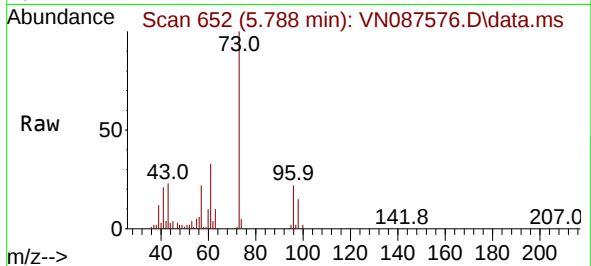




#19
Methyl tert-butyl Ether
Concen: 20.921 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

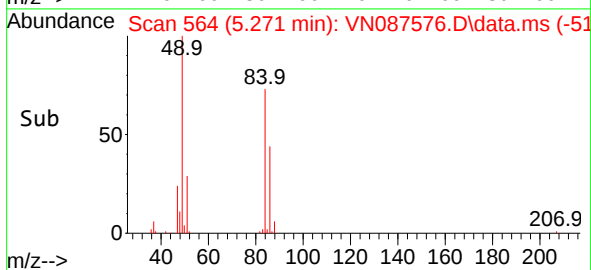
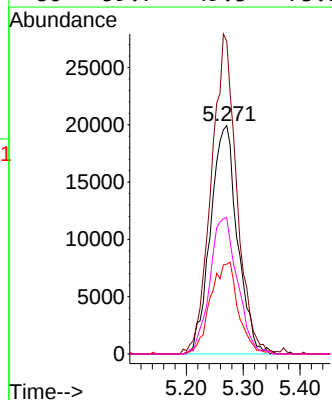
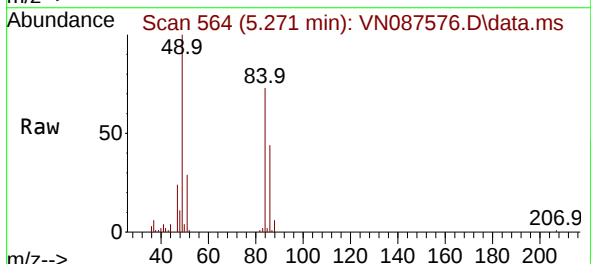
Instrument :
MSVOA_N
ClientSampleId :

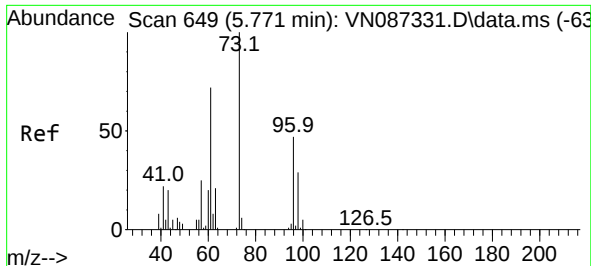
Tgt Ion: 73 Resp: 213934
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8



#20
Methylene Chloride
Concen: 19.750 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 84 Resp: 65805
Ion Ratio Lower Upper
84 100
49 137.0 107.5 161.3
51 39.3 30.2 45.2
86 59.7 49.3 73.9

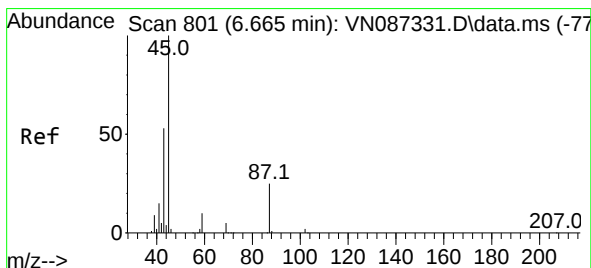
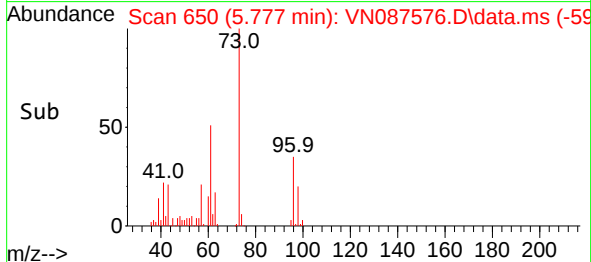
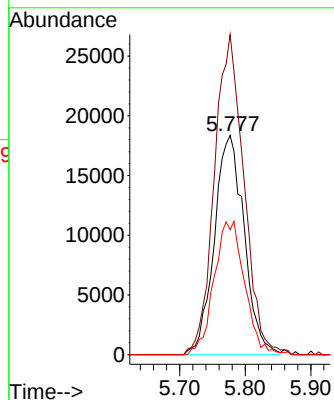
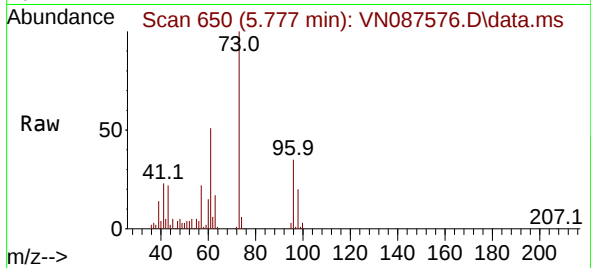




#21
trans-1,2-Dichloroethene
Concen: 18.537 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

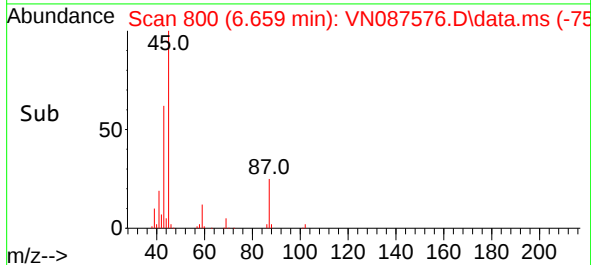
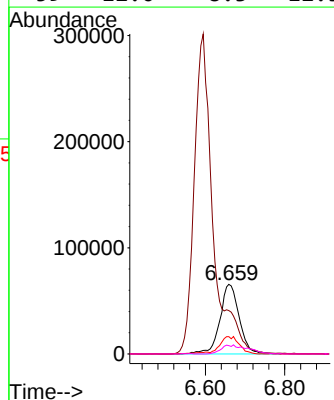
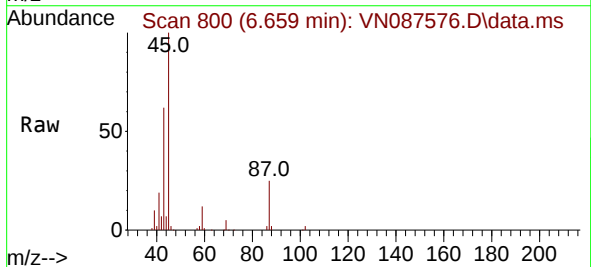
Instrument :
MSVOA_N
ClientSampleId :

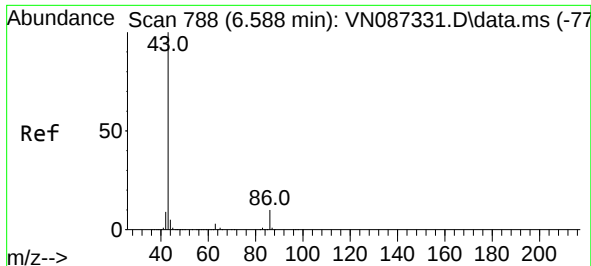
Tgt Ion: 96 Resp: 57985
Ion Ratio Lower Upper
96 100
61 145.9 122.0 183.0
98 57.0 50.0 75.0



#22
Diisopropyl ether
Concen: 20.964 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 45 Resp: 220785
Ion Ratio Lower Upper
45 100
43 61.2 42.8 64.2
87 24.8 19.8 29.6
59 12.0 8.3 12.5

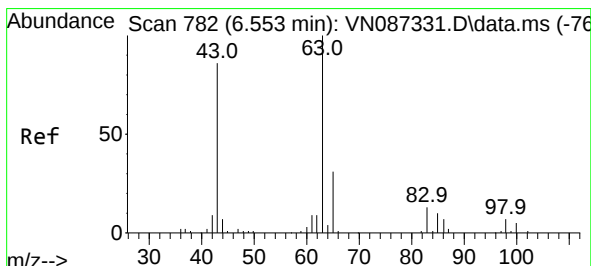
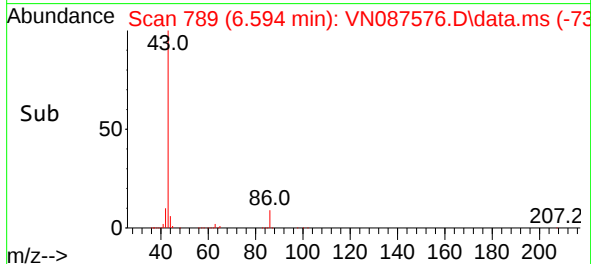
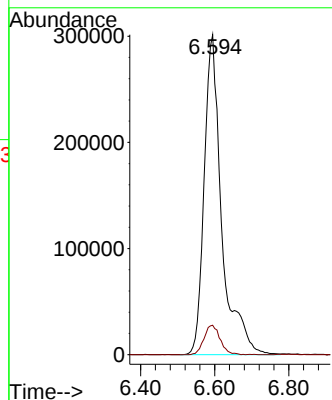
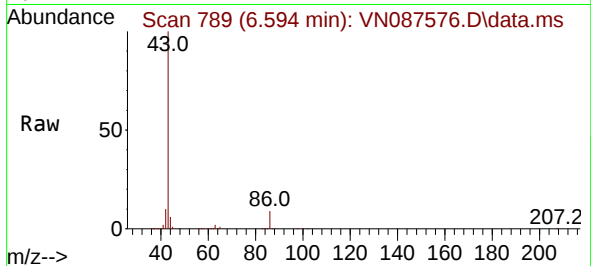




#23
 Vinyl Acetate
 Concen: 107.273 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

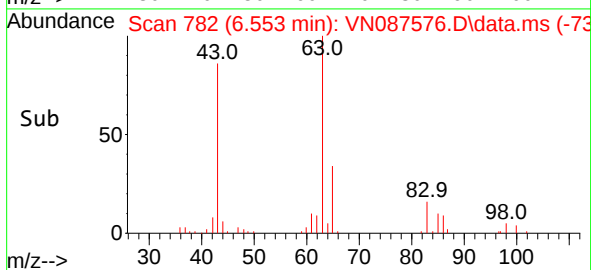
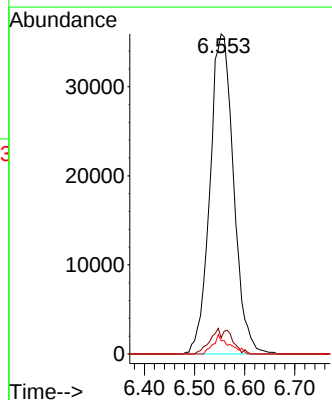
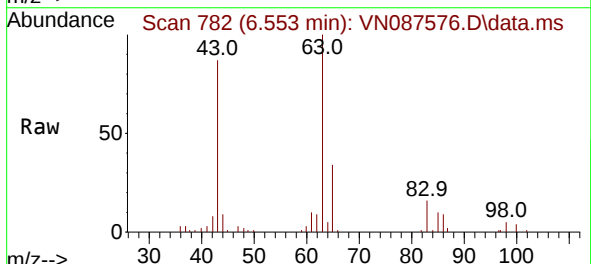
Instrument :
 MSVOA_N
 ClientSampleId :

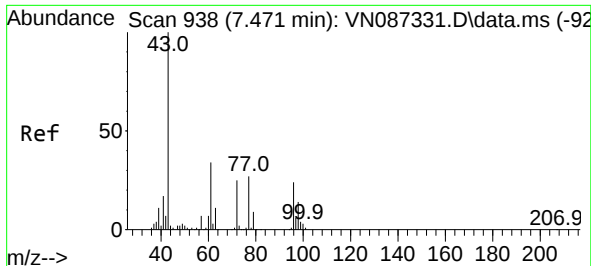
Tgt Ion: 43 Resp: 988063
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 19.385 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

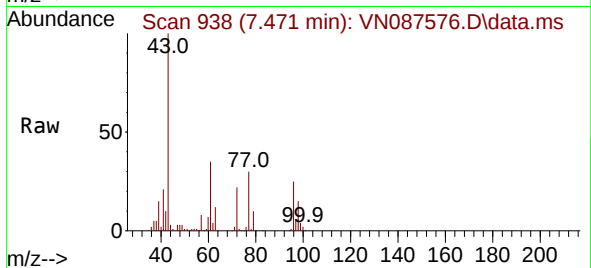
Tgt Ion: 63 Resp: 117778
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.3 9.9
 100 4.1 2.5 7.4



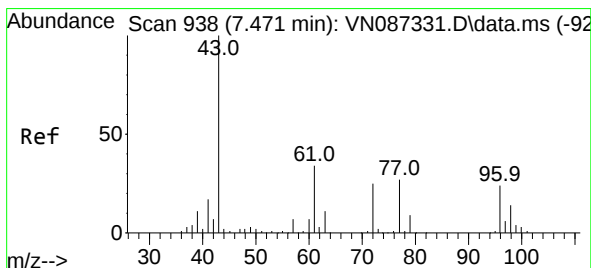
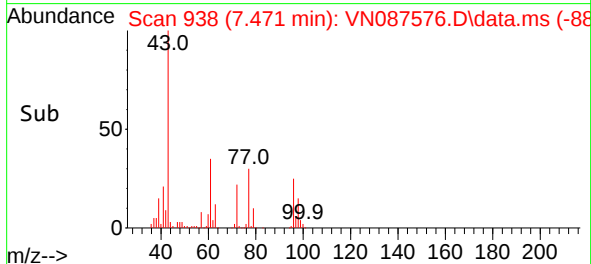
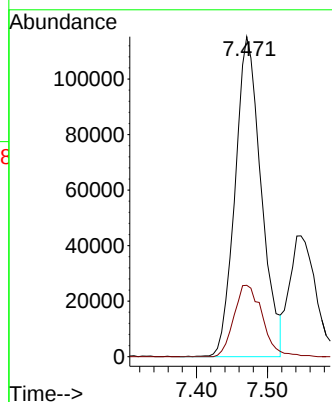


#25
2-Butanone
Concen: 98.601 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :

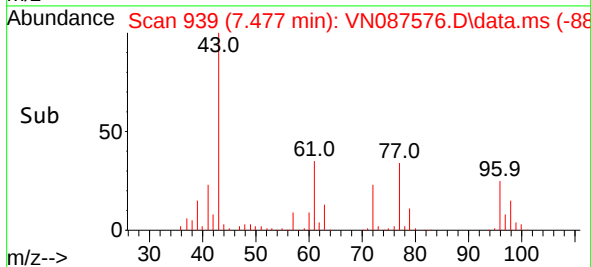
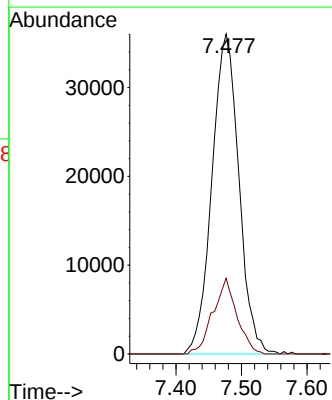
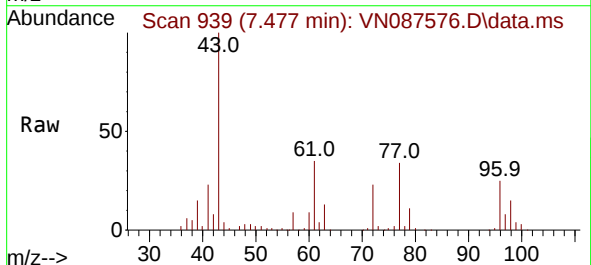


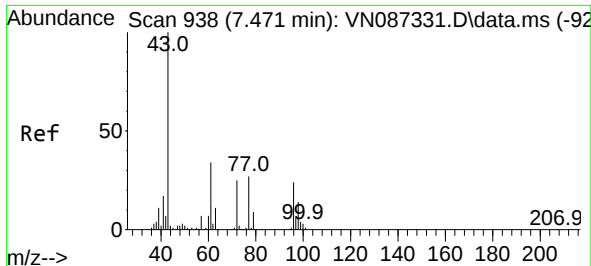
Tgt Ion: 43 Resp: 294504
Ion Ratio Lower Upper
43 100
72 22.3 19.6 29.4



#26
2,2-Dichloropropane
Concen: 21.751 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

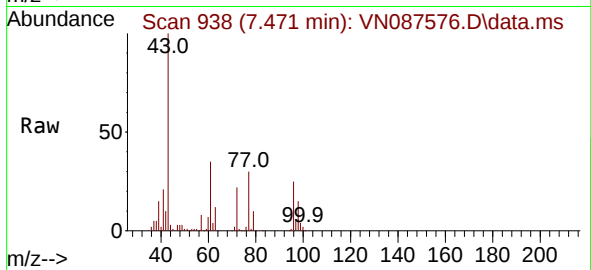
Tgt Ion: 77 Resp: 102750
Ion Ratio Lower Upper
77 100
97 21.0 11.1 33.1



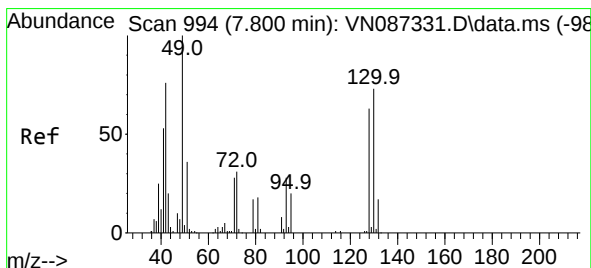
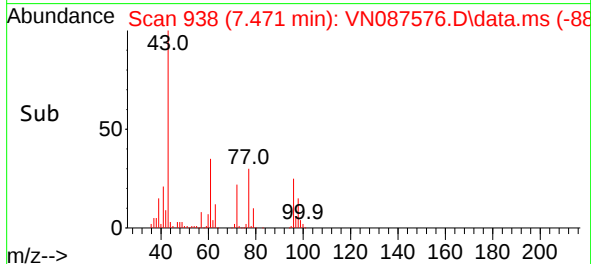
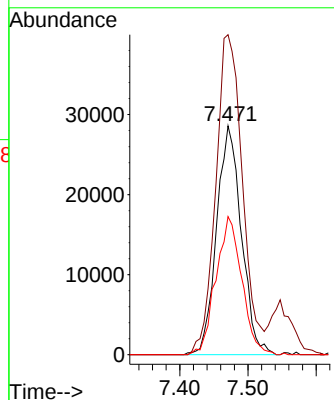


#27
 cis-1,2-Dichloroethene
 Concen: 20.096 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

Instrument :
 MSVOA_N
 ClientSampleId :

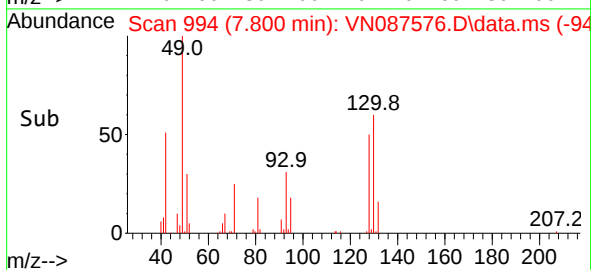
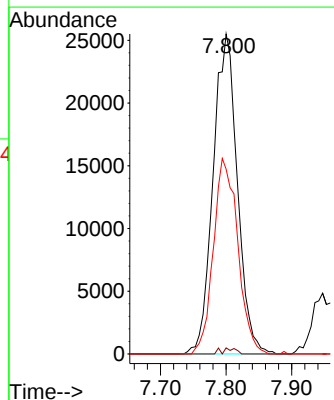
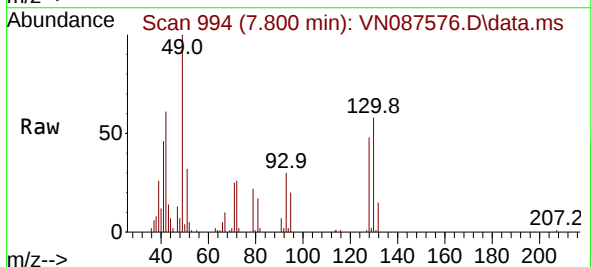


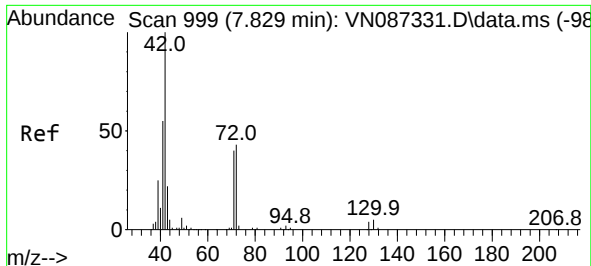
Tgt Ion: 96 Resp: 72375
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 297.8
 98 62.9 0.0 132.4



#28
 Bromochloromethane
 Concen: 22.497 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

Tgt Ion: 49 Resp: 65417
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.2
 130 61.4 57.3 85.9





#29

Tetrahydrofuran

Concen: 95.558 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

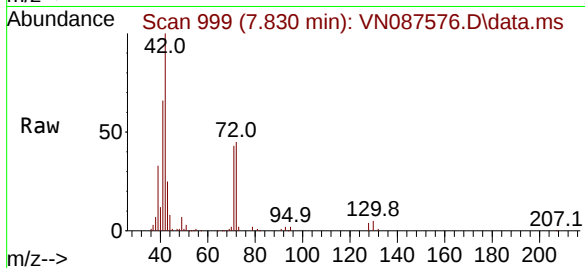
Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :



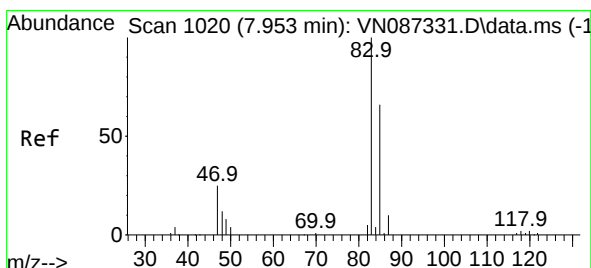
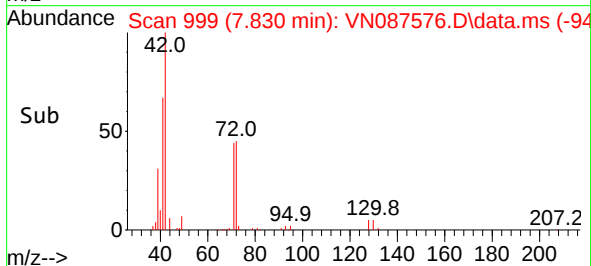
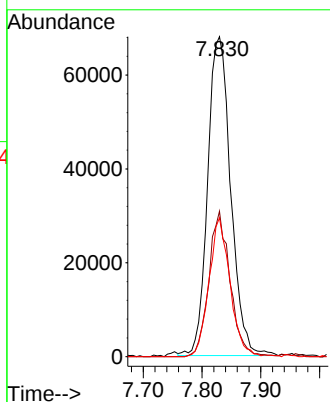
Tgt Ion: 42 Resp: 185413

Ion Ratio Lower Upper

42 100

72 42.1 33.4 50.0

71 39.9 31.2 46.8



#30

Chloroform

Concen: 20.372 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087576.D

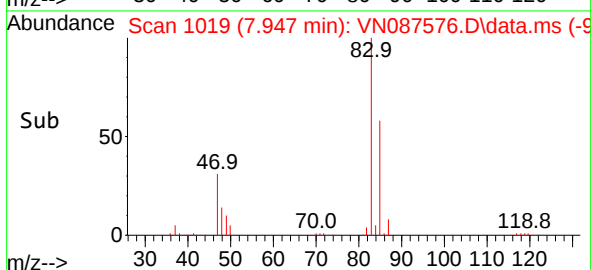
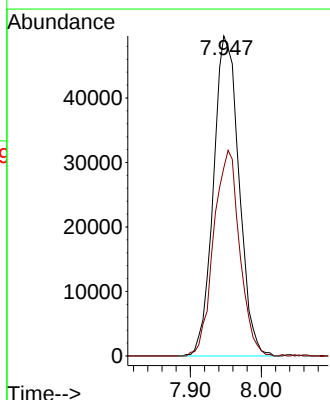
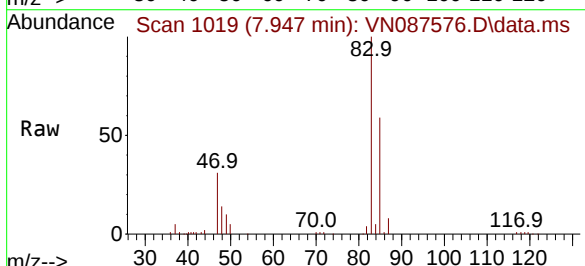
Acq: 15 Aug 2025 12:58

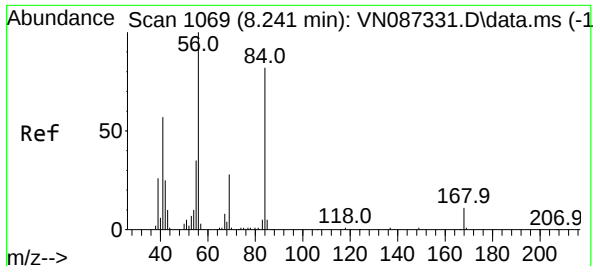
Tgt Ion: 83 Resp: 123890

Ion Ratio Lower Upper

83 100

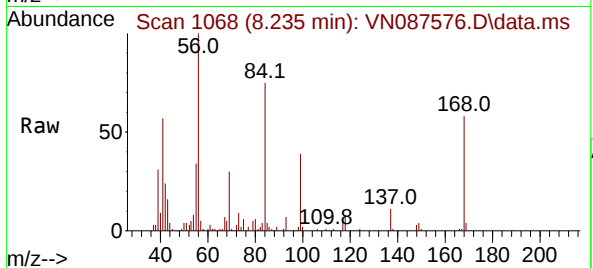
85 58.8 52.7 79.1



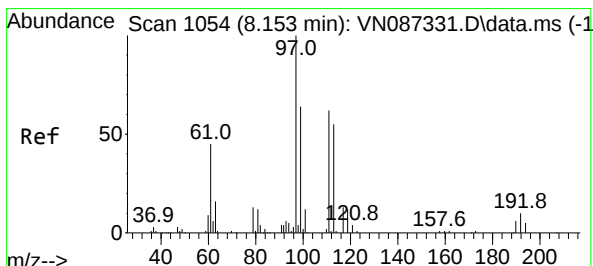
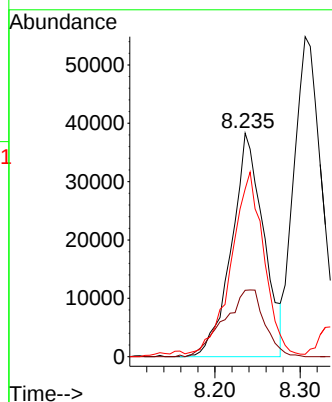
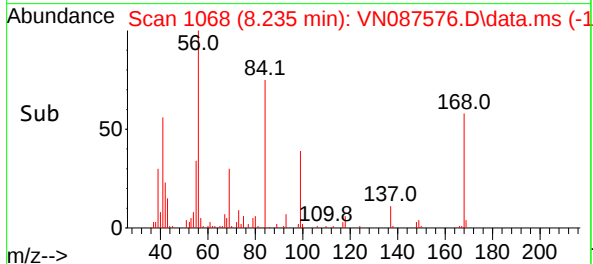


#31
Cyclohexane
Concen: 19.694 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :

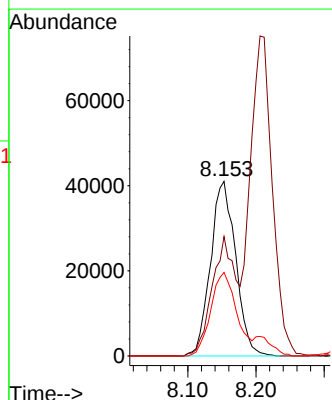
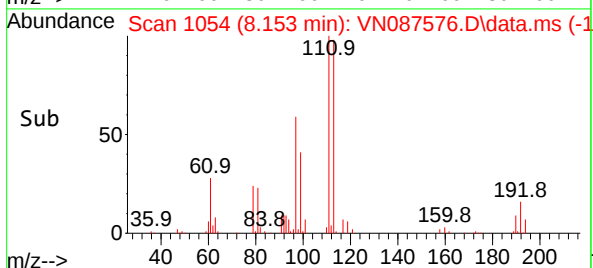
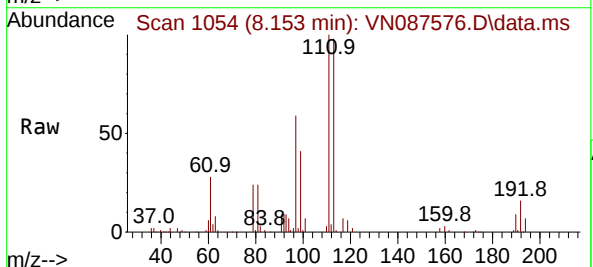


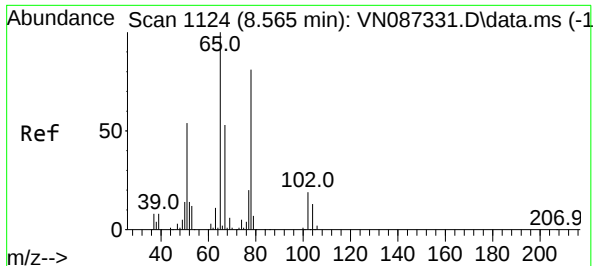
Tgt Ion: 56 Resp: 99823
Ion Ratio Lower Upper
56 100
69 29.0 22.7 34.1
84 72.5 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 19.994 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 97 Resp: 105314
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 49.4 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 56.982 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

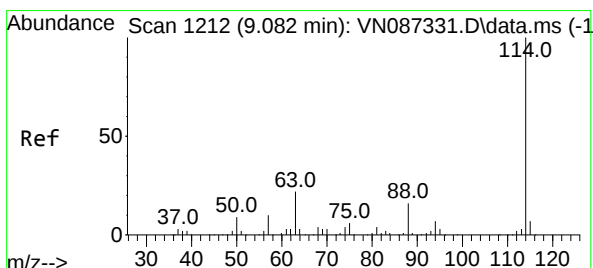
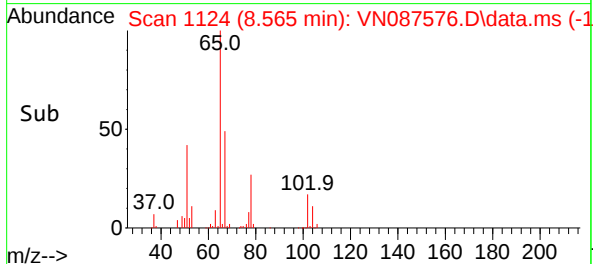
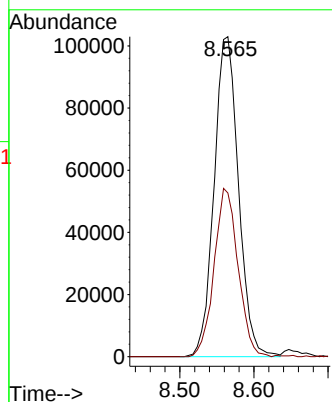
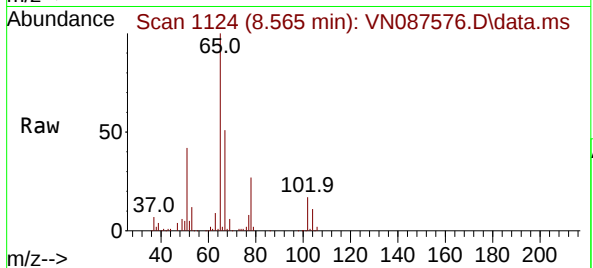
ClientSampleId :

Tgt Ion: 65 Resp: 234932

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

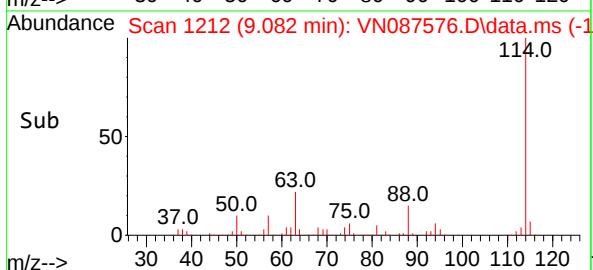
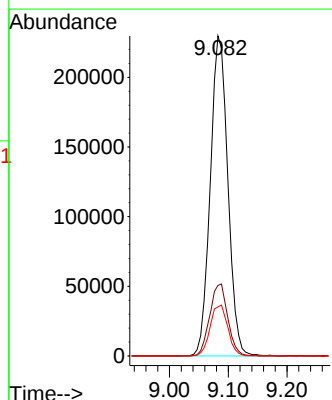
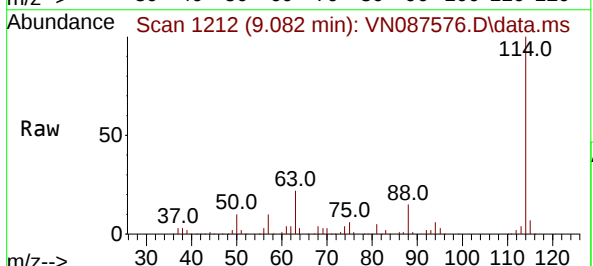
Tgt Ion: 114 Resp: 476885

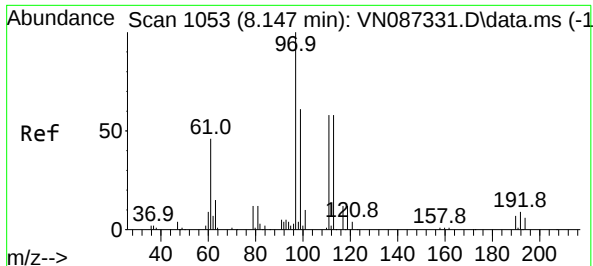
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.319 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

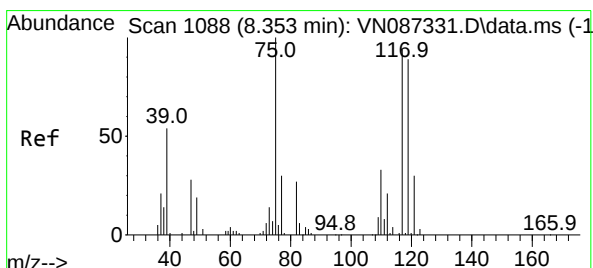
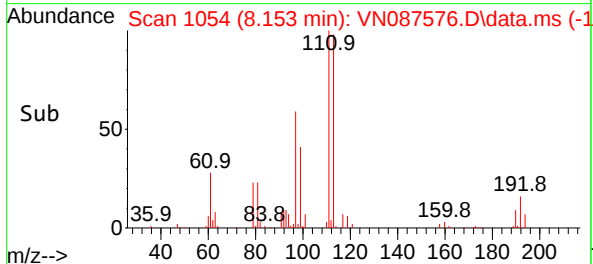
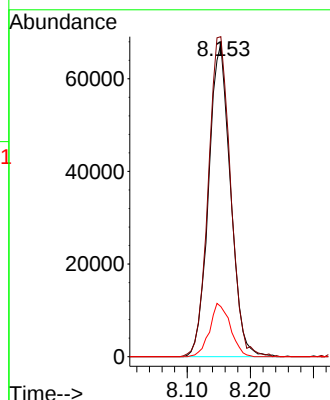
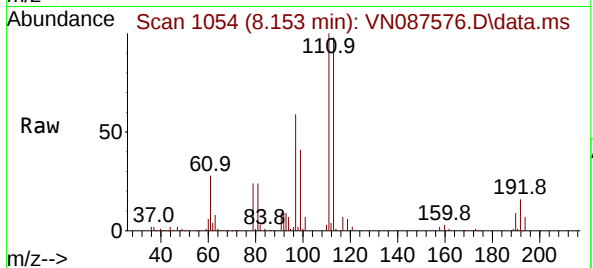
Tgt Ion:113 Resp: 162237

Ion Ratio Lower Upper

113 100

111 104.2 82.5 123.7

192 16.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 18.253 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

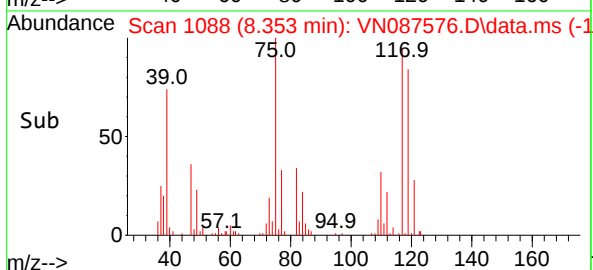
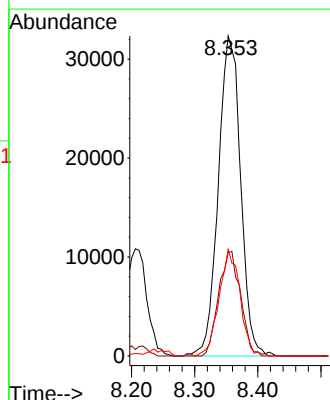
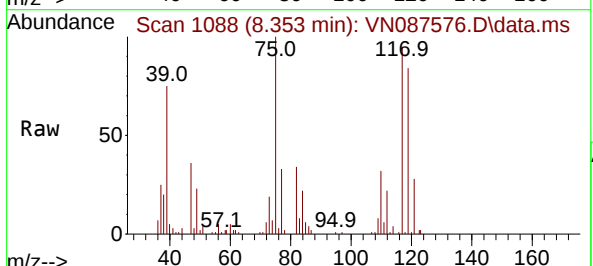
Tgt Ion: 75 Resp: 79327

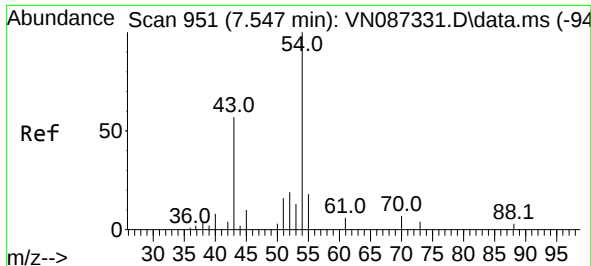
Ion Ratio Lower Upper

75 100

110 32.0 16.7 50.1

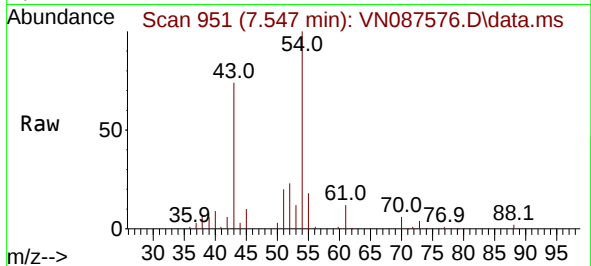
77 31.1 25.2 37.8



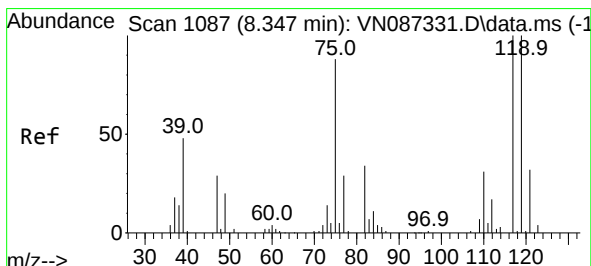
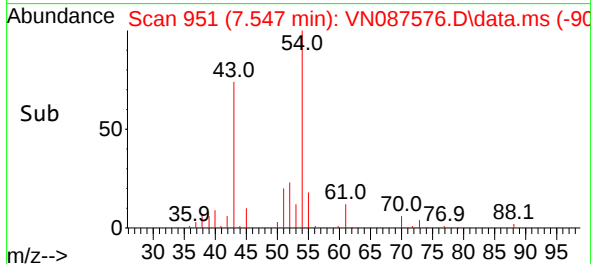
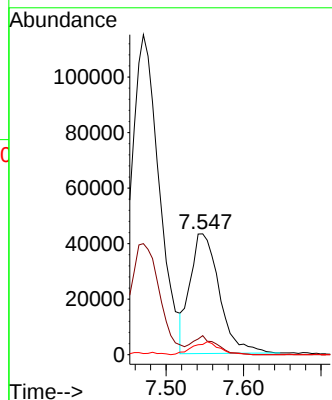


#37
Ethyl Acetate
Concen: 18.111 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :

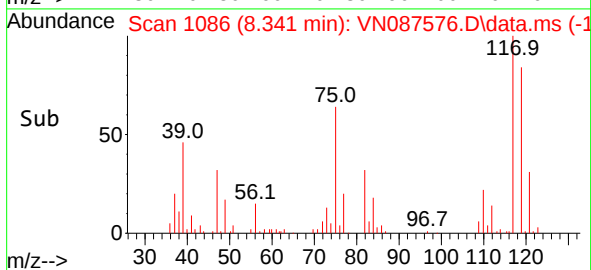
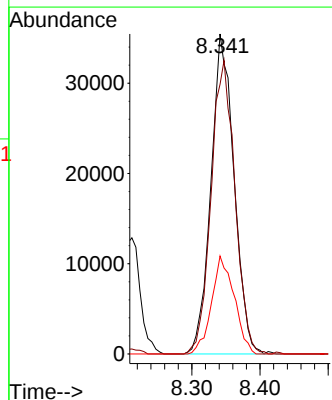
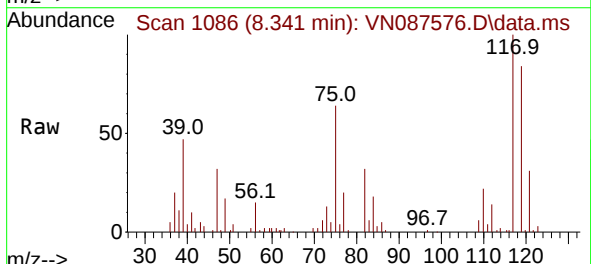


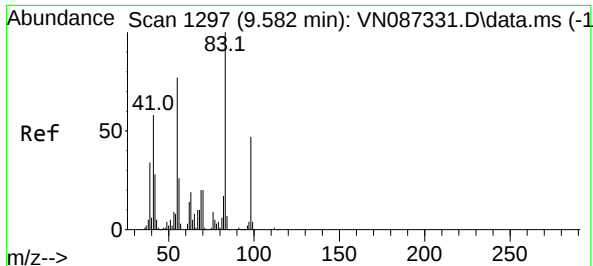
Tgt Ion: 43 Resp: 113677
Ion Ratio Lower Upper
43 100
61 12.8 10.9 16.3
70 9.8 7.4 11.0



#38
Carbon Tetrachloride
Concen: 17.469 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 117 Resp: 83635
Ion Ratio Lower Upper
117 100
119 84.2 80.2 120.2
121 30.6 25.4 38.2





#39

Methylcyclohexane

Concen: 18.339 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

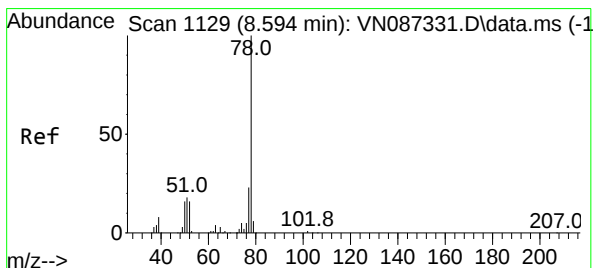
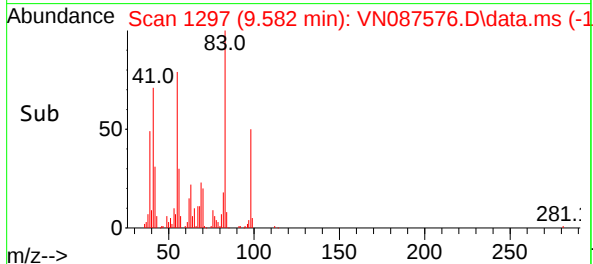
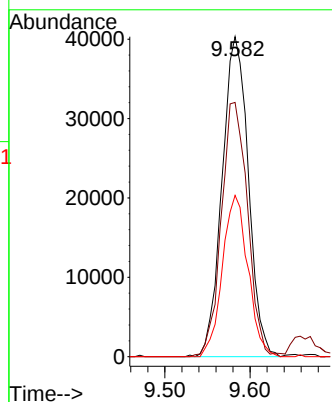
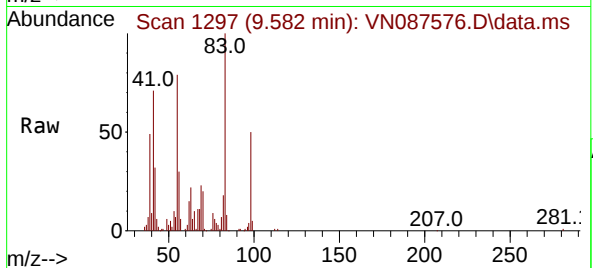
Tgt Ion: 83 Resp: 86289

Ion Ratio Lower Upper

83 100

55 79.5 61.3 91.9

98 50.4 37.9 56.9



#40

Benzene

Concen: 18.220 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087576.D

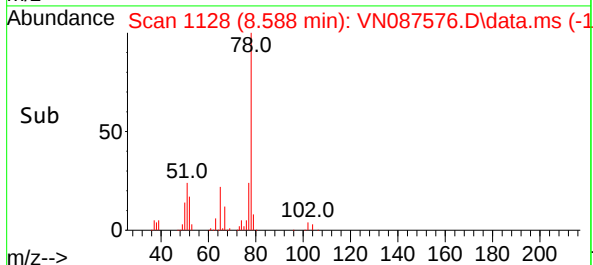
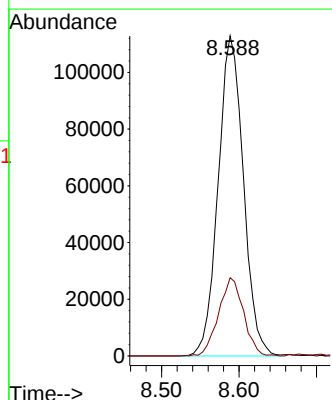
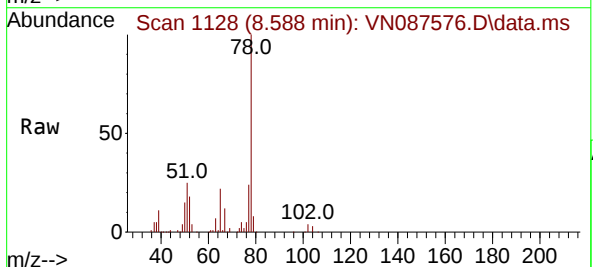
Acq: 15 Aug 2025 12:58

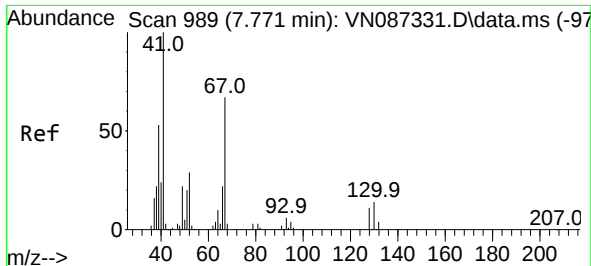
Tgt Ion: 78 Resp: 255930

Ion Ratio Lower Upper

78 100

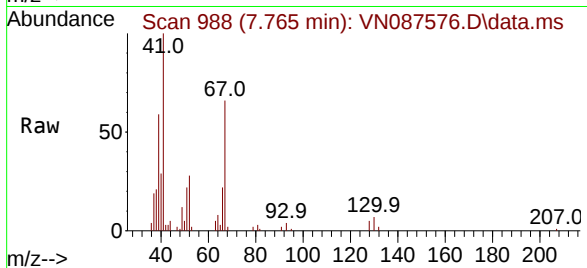
77 24.4 18.2 27.2



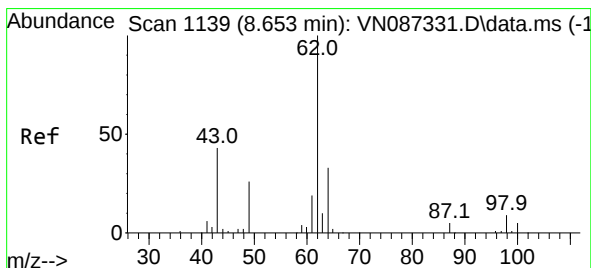
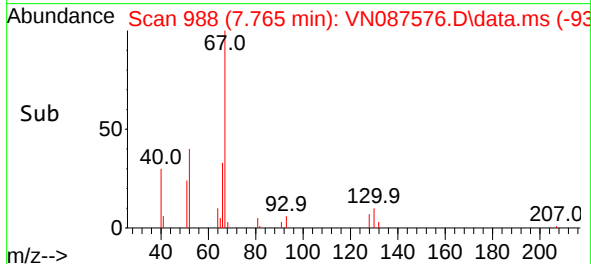
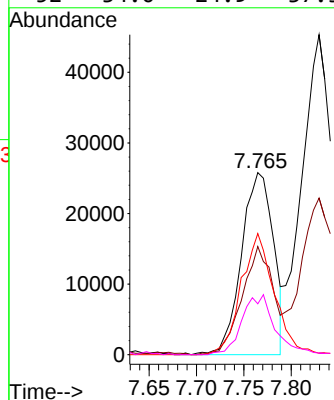


#41
Methacrylonitrile
Concen: 18.425 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :

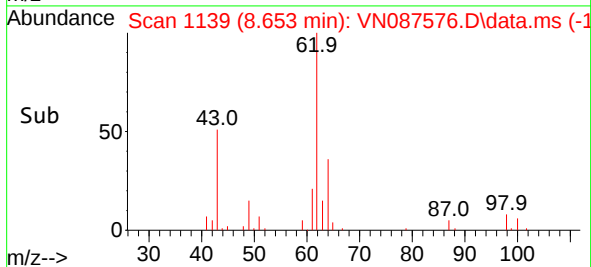
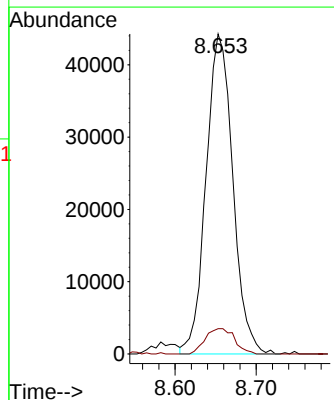
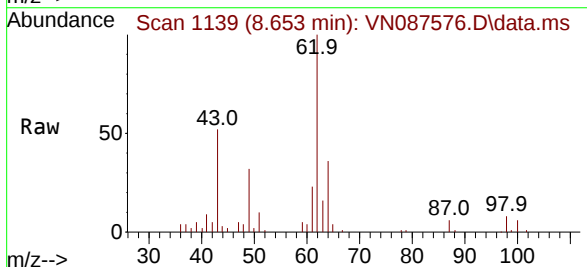


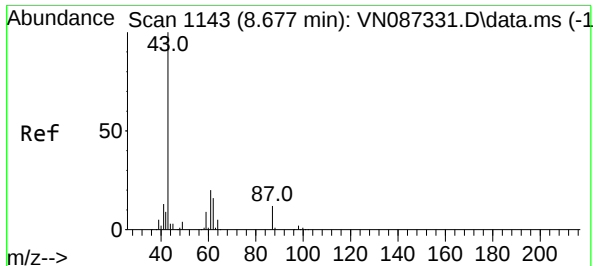
Tgt Ion:	41	Resp:	60470
Ion Ratio	Lower	Upper	
41	100		
39	57.0	43.4	65.0
67	68.9	55.1	82.7
52	34.0	24.9	37.3



#42
1,2-Dichloroethane
Concen: 19.072 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion:	62	Resp:	101594
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.375 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

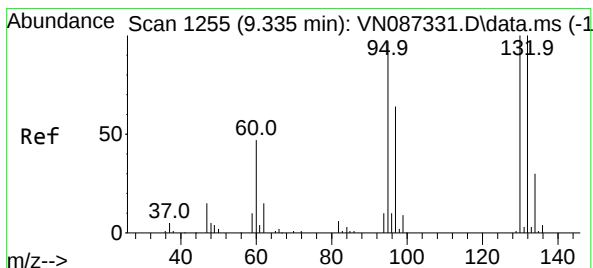
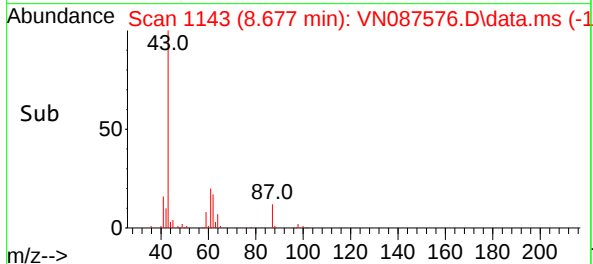
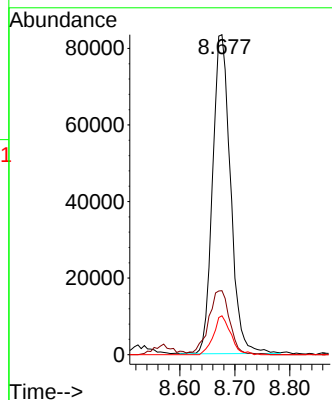
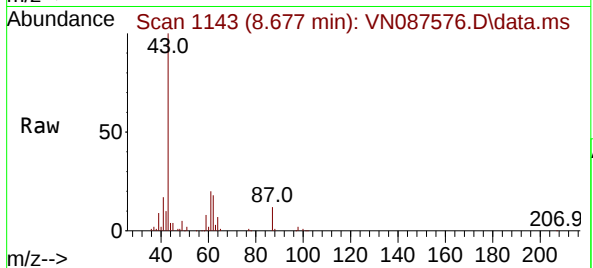
Tgt Ion: 43 Resp: 188788

Ion Ratio Lower Upper

43 100

61 23.1 19.8 29.8

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 17.084 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087576.D

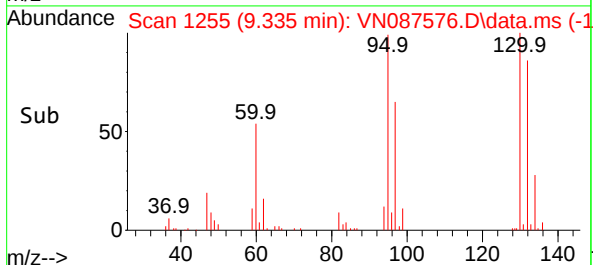
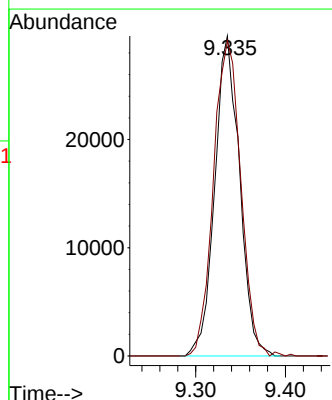
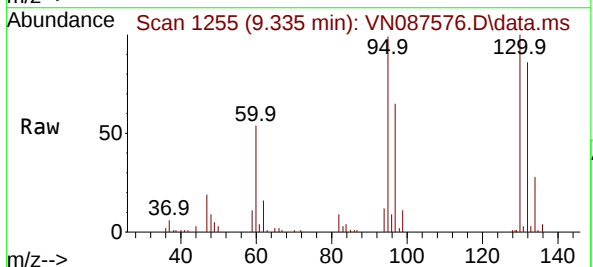
Acq: 15 Aug 2025 12:58

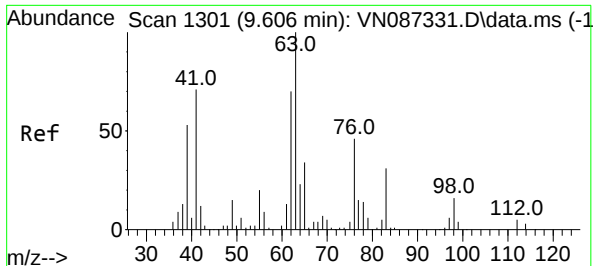
Tgt Ion:130 Resp: 56703

Ion Ratio Lower Upper

130 100

95 98.6 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.025 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

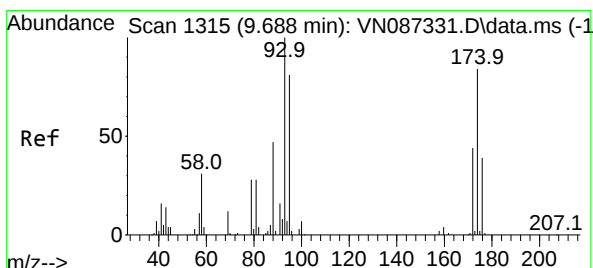
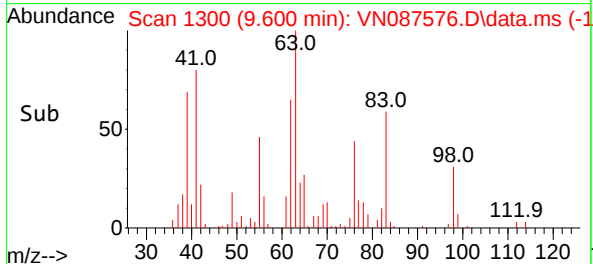
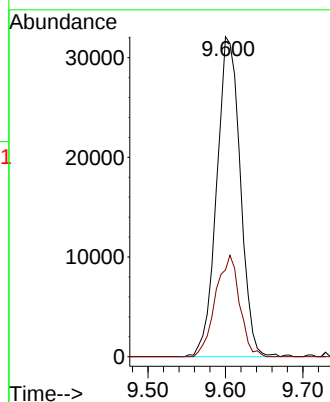
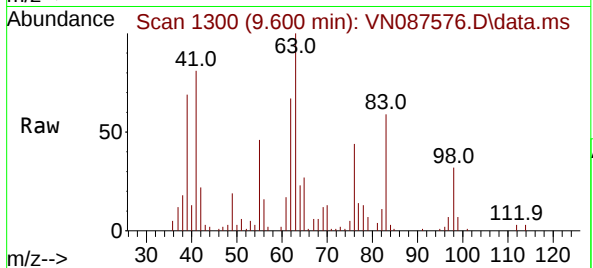
ClientSampleId :

Tgt Ion: 63 Resp: 67902

Ion Ratio Lower Upper

63 100

65 27.1 27.0 40.4



#46

Dibromomethane

Concen: 18.707 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

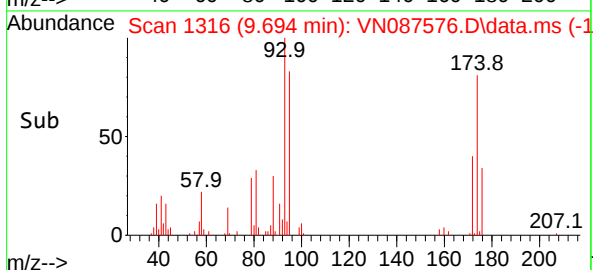
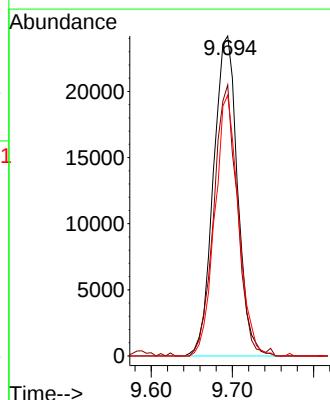
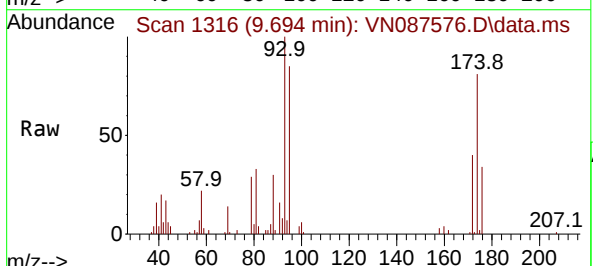
Tgt Ion: 93 Resp: 49991

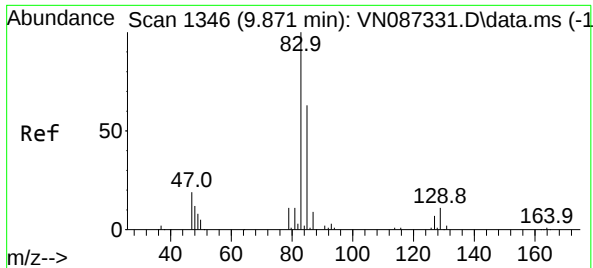
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 79.8 69.9 104.9

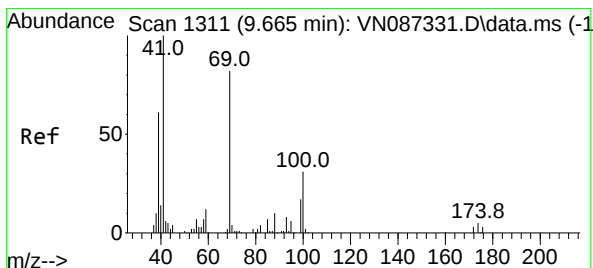
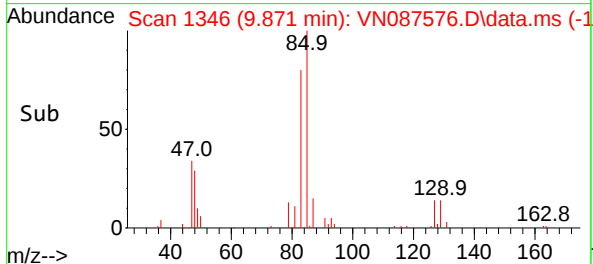
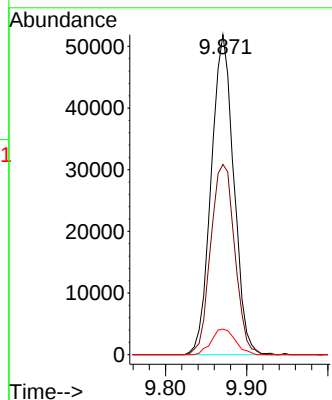
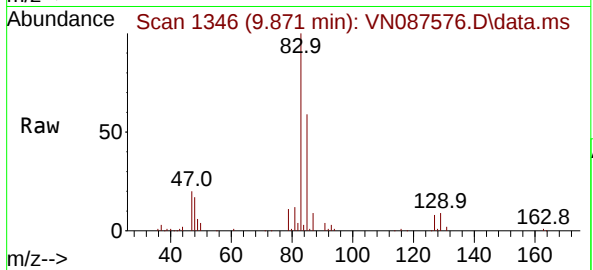




#47
Bromodichloromethane
Concen: 18.628 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

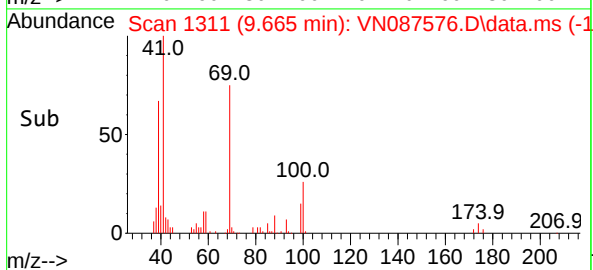
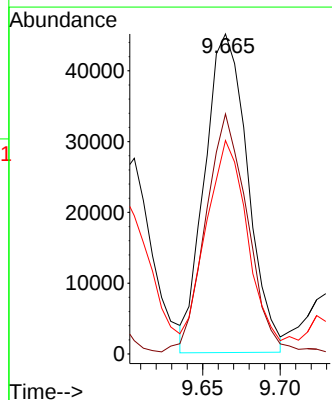
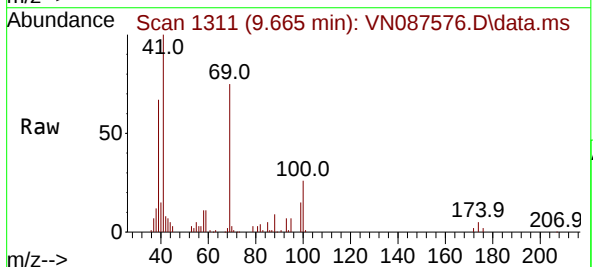
Instrument :
MSVOA_N
ClientSampleId :

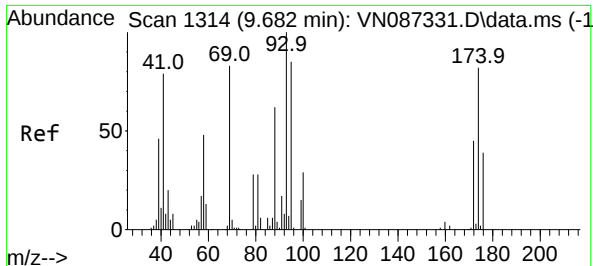
Tgt Ion: 83 Resp: 100268
Ion Ratio Lower Upper
83 100
85 59.4 50.4 75.6
127 8.0 5.8 8.8



#48
Methyl methacrylate
Concen: 19.784 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 41 Resp: 86784
Ion Ratio Lower Upper
41 100
69 75.4 64.1 96.1
39 67.3 45.5 68.3





#49

1,4-Dioxane

Concen: 349.875 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

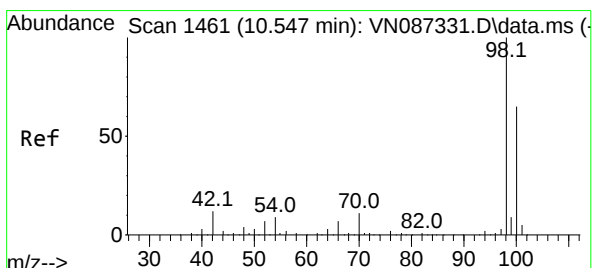
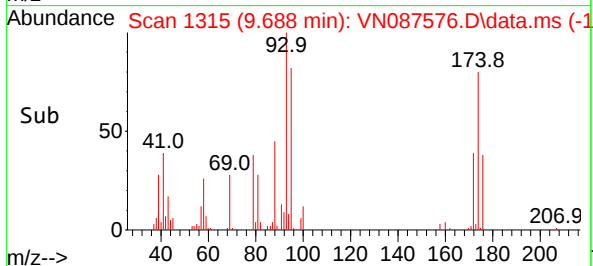
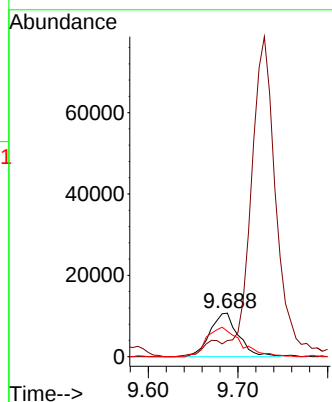
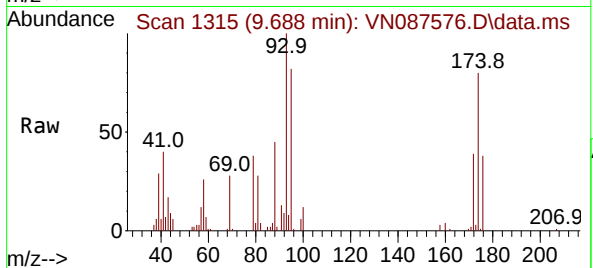
Tgt Ion: 88 Resp: 23506

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 80.6 61.1 91.7



#50

Toluene-d8

Concen: 50.938 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087576.D

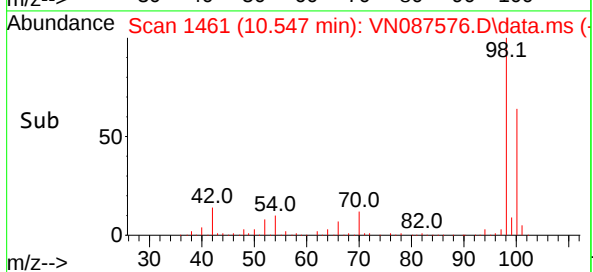
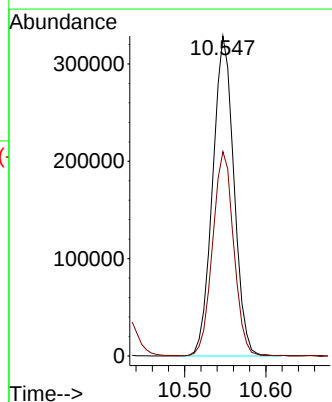
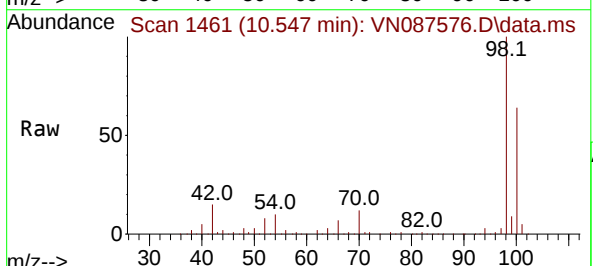
Acq: 15 Aug 2025 12:58

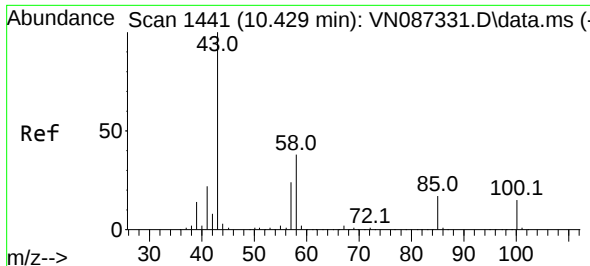
Tgt Ion: 98 Resp: 597718

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

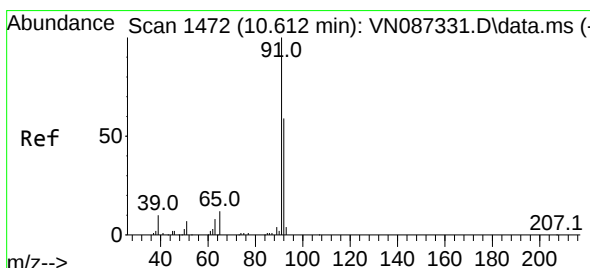
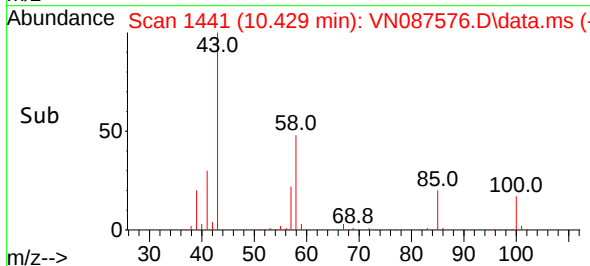
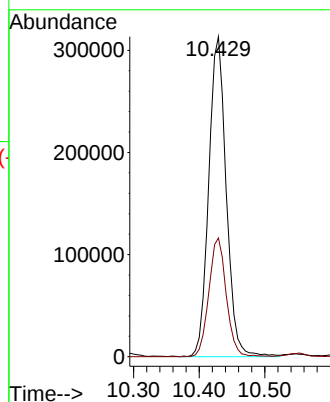
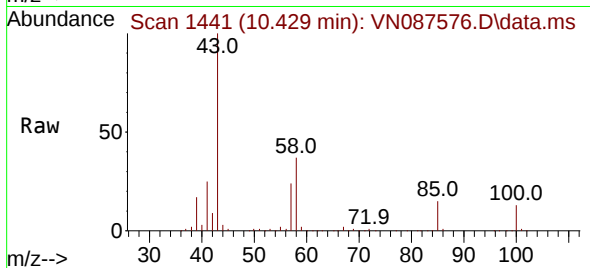




#51
4-Methyl-2-Pentanone
Concen: 94.442 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

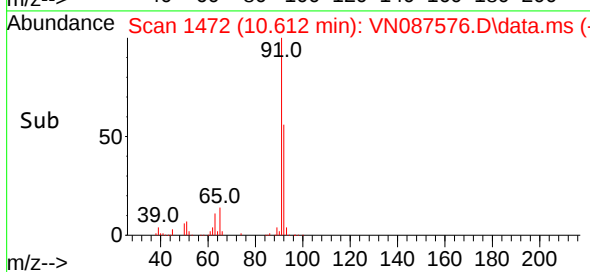
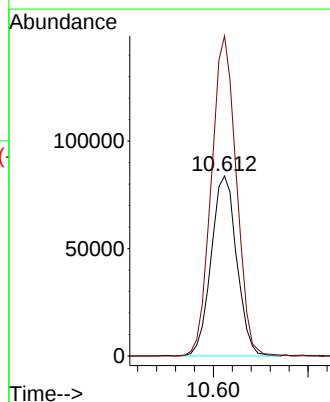
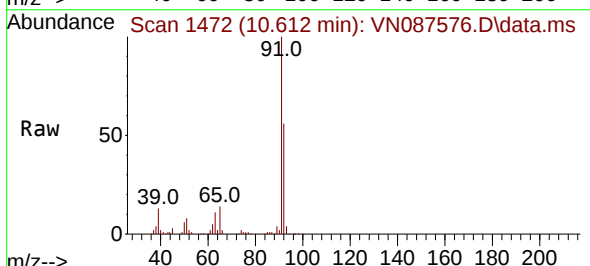
Instrument :
MSVOA_N
ClientSampleId :

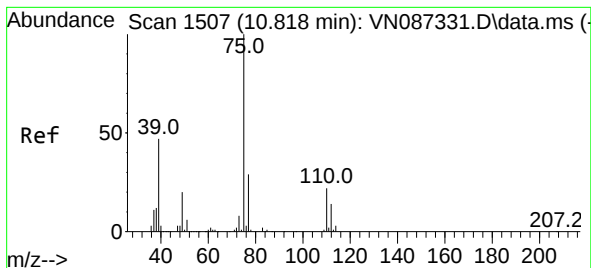
Tgt Ion: 43 Resp: 582012
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2



#52
Toluene
Concen: 18.350 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 92 Resp: 156670
Ion Ratio Lower Upper
92 100
91 174.7 135.1 202.7

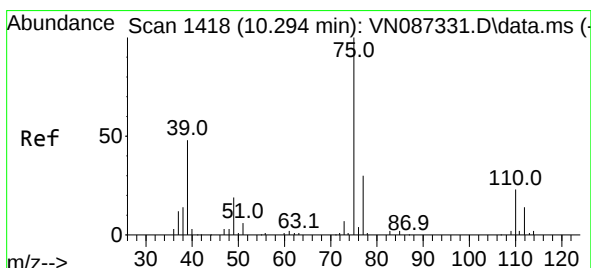
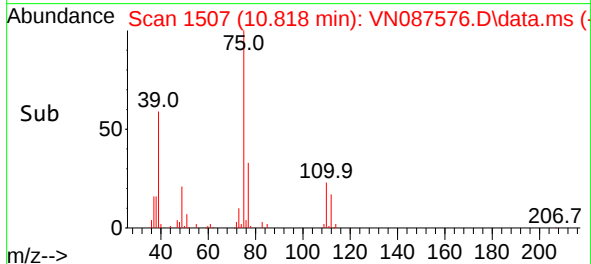
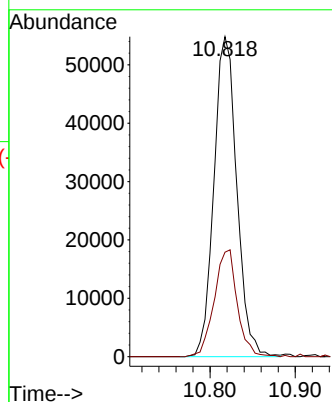
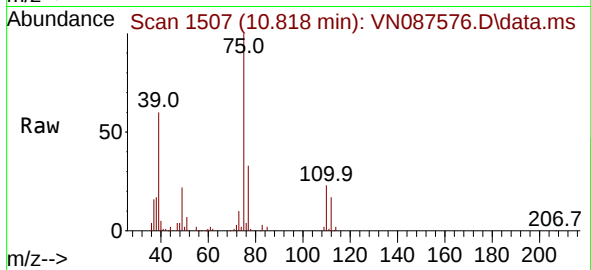




#53
 t-1,3-Dichloropropene
 Concen: 18.774 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

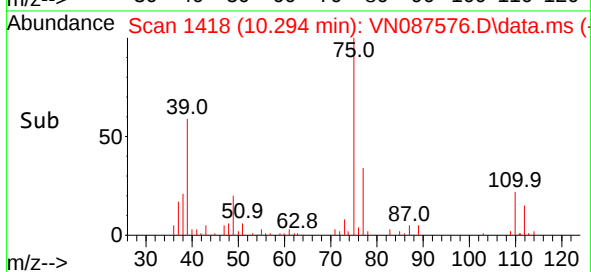
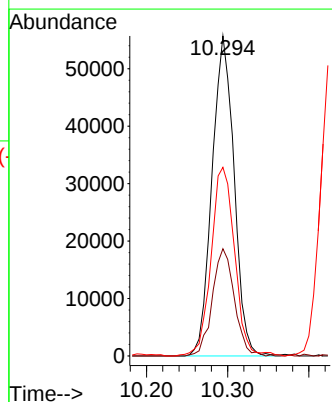
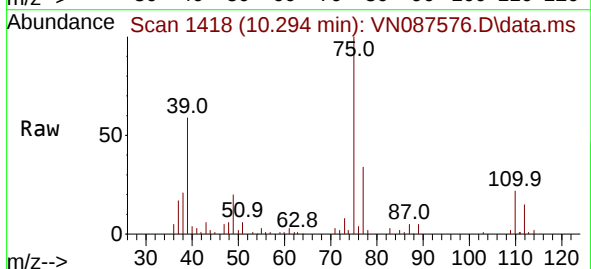
Instrument :
 MSVOA_N
 ClientSampleId :

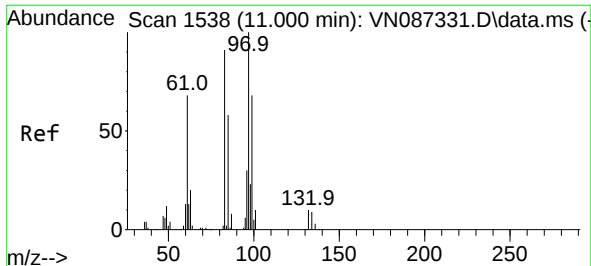
Tgt Ion: 75 Resp: 102269
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.6 35.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.690 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

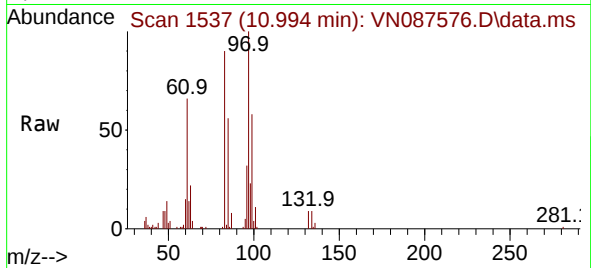
Tgt Ion: 75 Resp: 105170
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.2 36.2
 39 58.7 38.4 57.6#



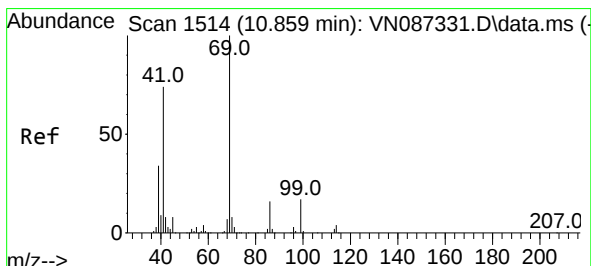
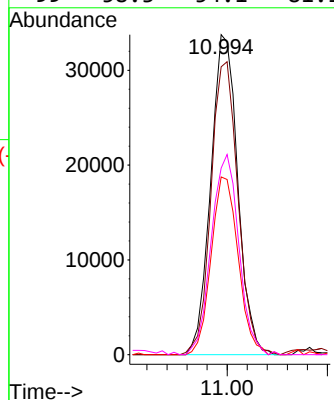
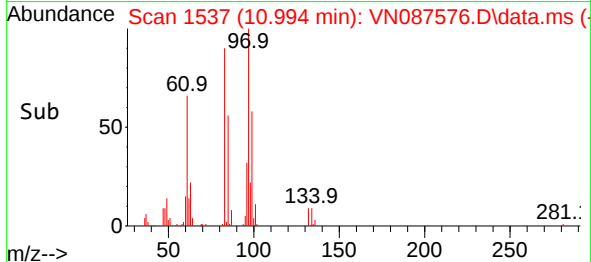


#55
1,1,2-Trichloroethane
Concen: 18.241 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

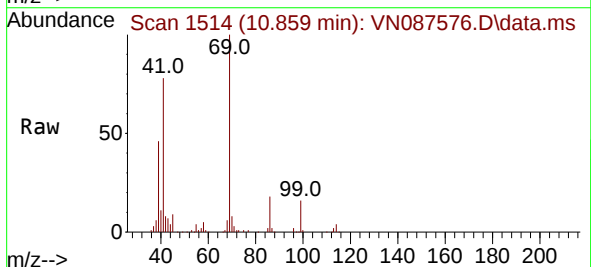
Instrument :
MSVOA_N
ClientSampleId :



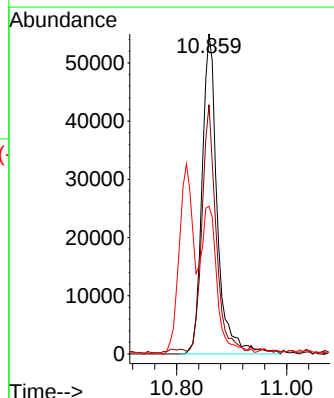
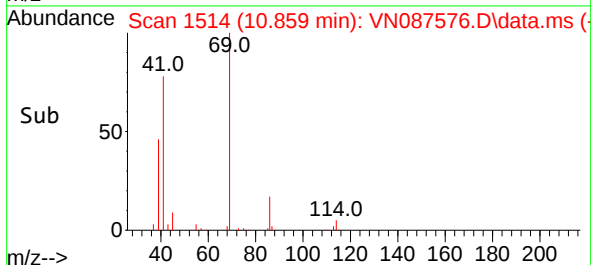
Tgt Ion:	97	Resp:	63052
Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.6	109.0
85	55.6	46.7	70.1
99	58.3	54.1	81.1

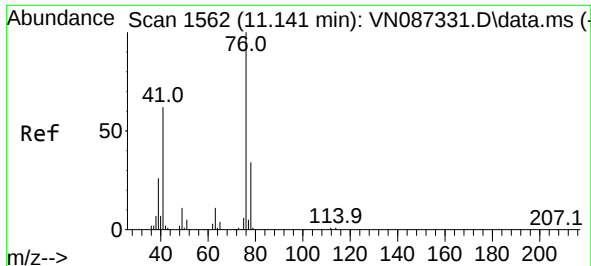


#56
Ethyl methacrylate
Concen: 19.019 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58



Tgt Ion:	69	Resp:	106003
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.1	82.7
39	43.3	27.9	41.9





#57

1,3-Dichloropropane

Concen: 19.032 ug/l

RT: 11.147 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

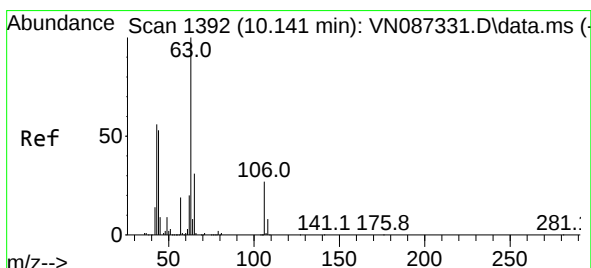
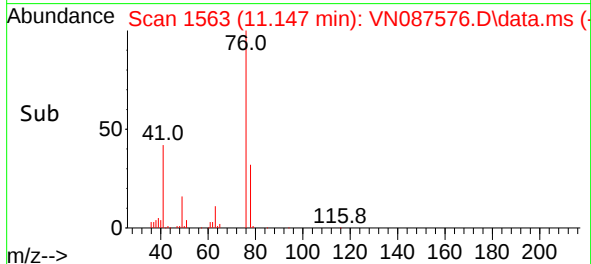
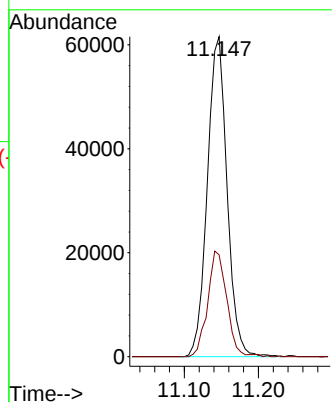
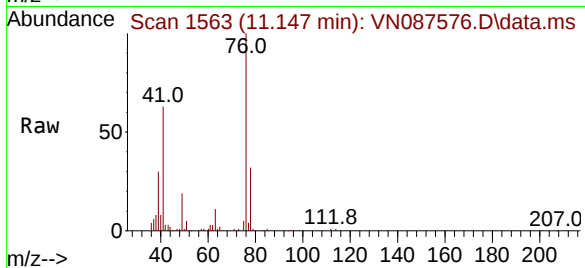
ClientSampleId :

Tgt Ion: 76 Resp: 113738

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 120.064 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087576.D

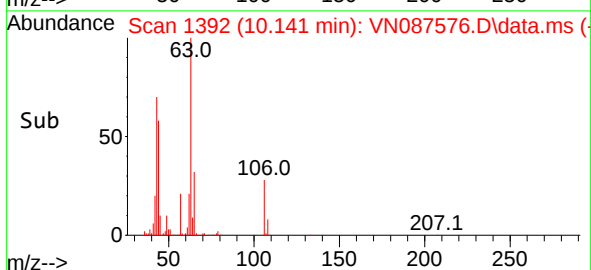
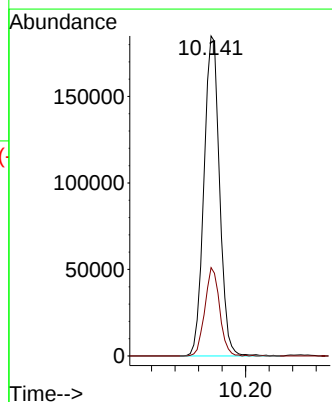
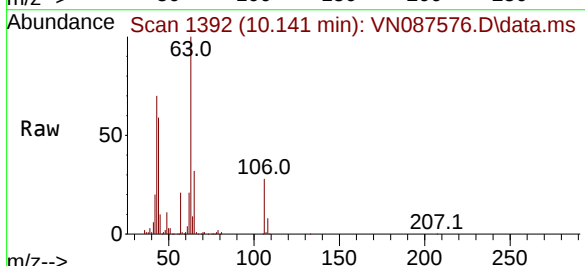
Acq: 15 Aug 2025 12:58

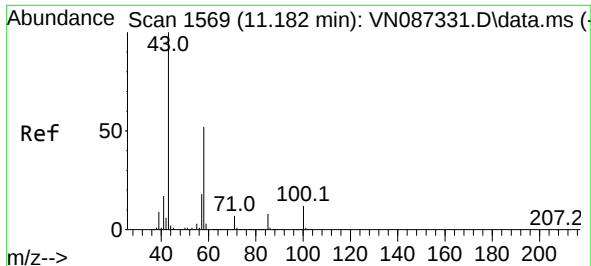
Tgt Ion: 63 Resp: 340435

Ion Ratio Lower Upper

63 100

106 26.2 21.7 32.5

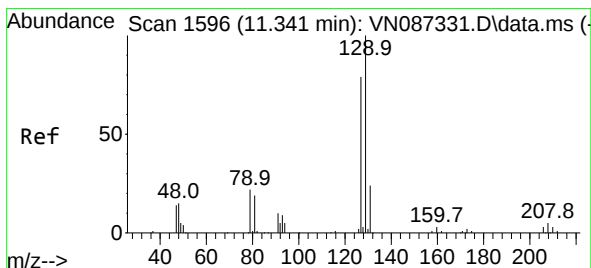
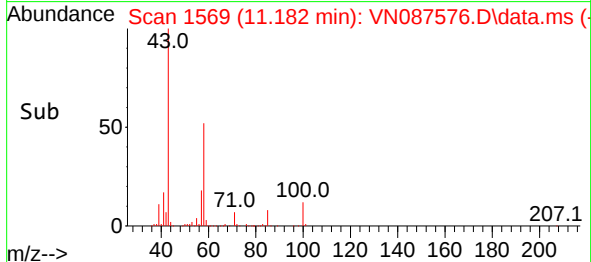
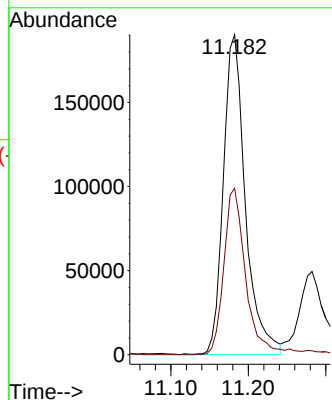
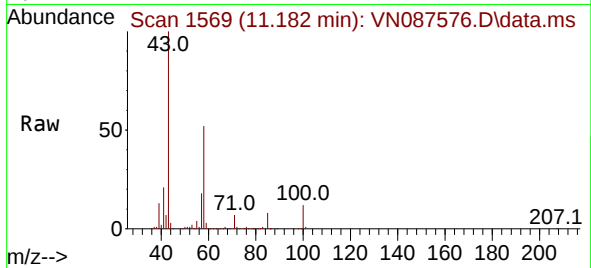




#59
2-Hexanone
Concen: 92.163 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

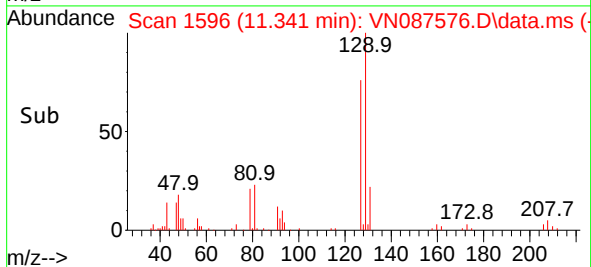
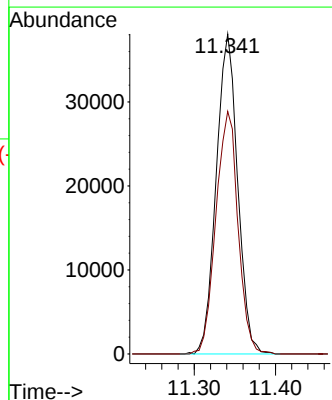
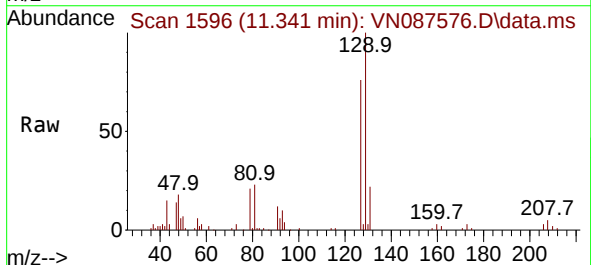
Instrument :
MSVOA_N
ClientSampleId :

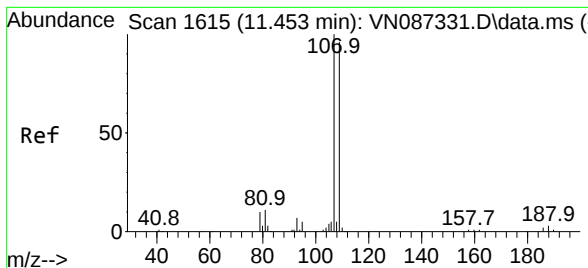
Tgt Ion: 43 Resp: 376826
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.0



#60
Dibromochloromethane
Concen: 17.730 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 129 Resp: 69893
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

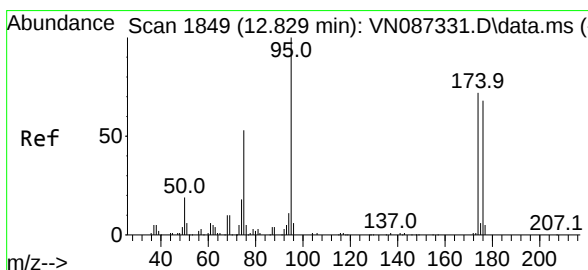
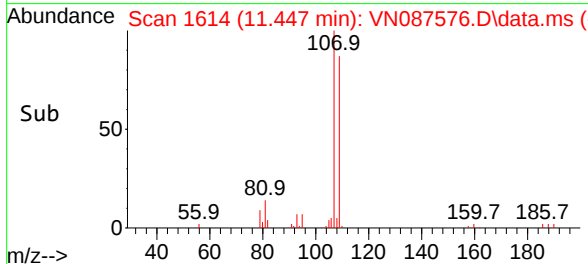
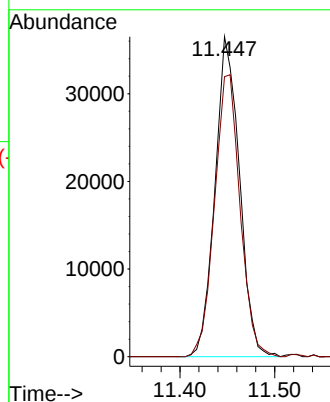
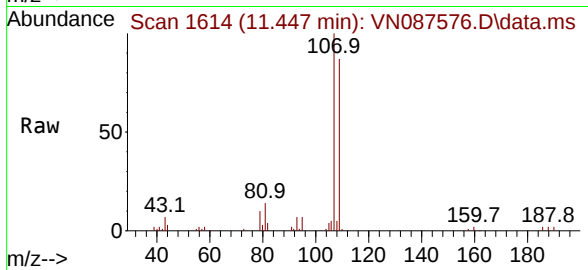




#61
1,2-Dibromoethane
Concen: 18.032 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

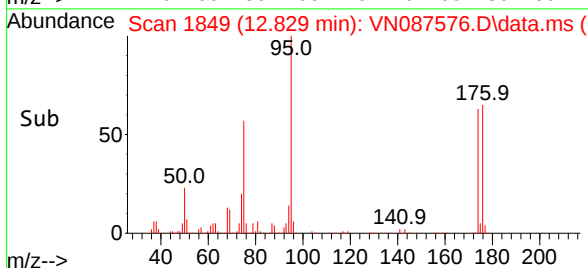
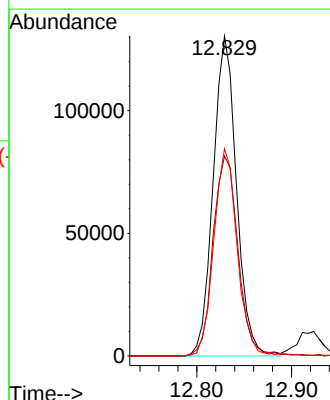
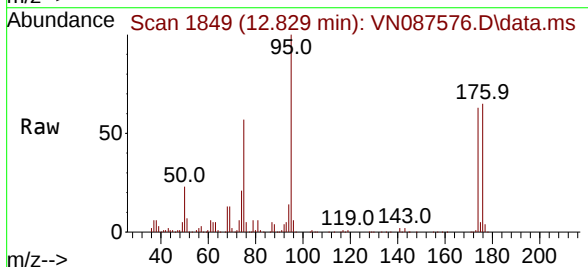
Instrument :
MSVOA_N
ClientSampleId :

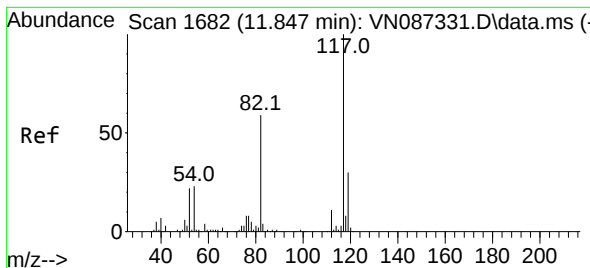
Tgt Ion:107 Resp: 65533
Ion Ratio Lower Upper
107 100
109 92.1 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 95 Resp: 223375
Ion Ratio Lower Upper
95 100
174 67.1 0.0 149.4
176 65.2 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

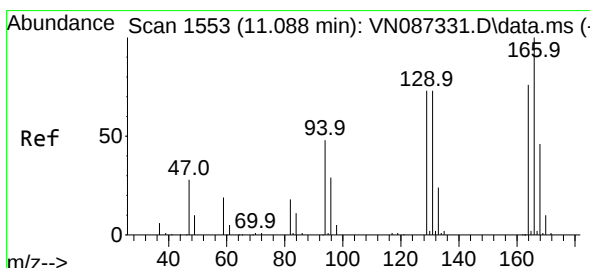
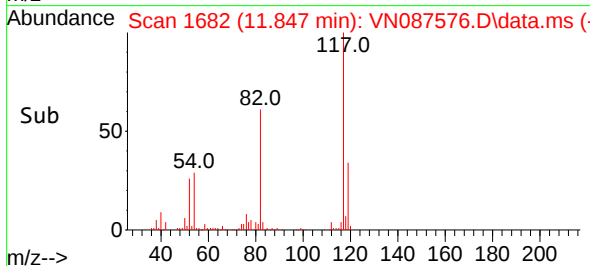
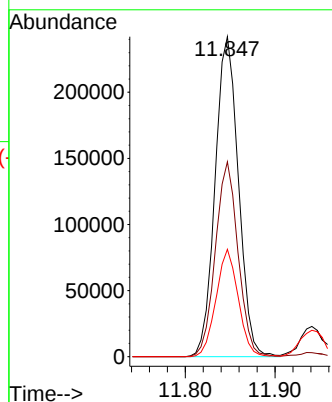
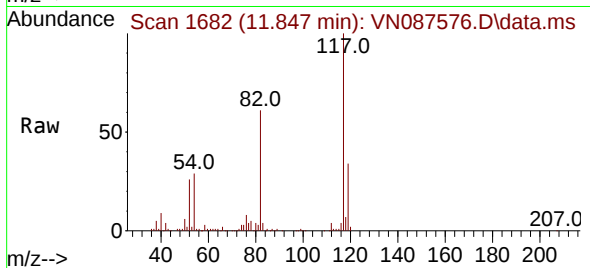
Tgt Ion:117 Resp: 437031

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

119 33.6 23.8 35.8



#64

Tetrachloroethene

Concen: 15.837 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Tgt Ion:164 Resp: 44546

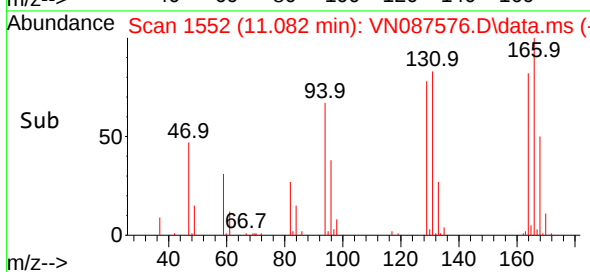
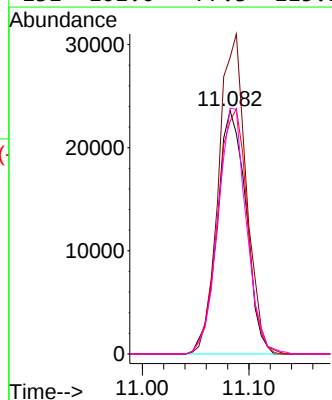
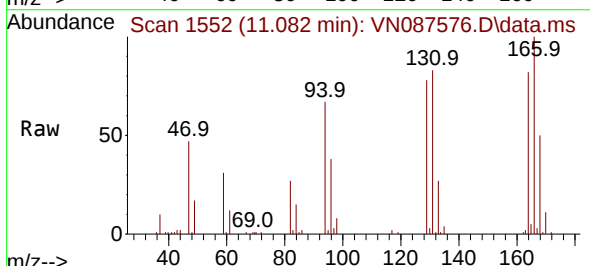
Ion Ratio Lower Upper

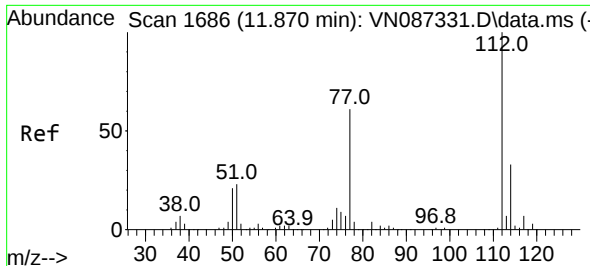
164 100

166 121.8 105.5 158.3

129 95.6 77.4 116.2

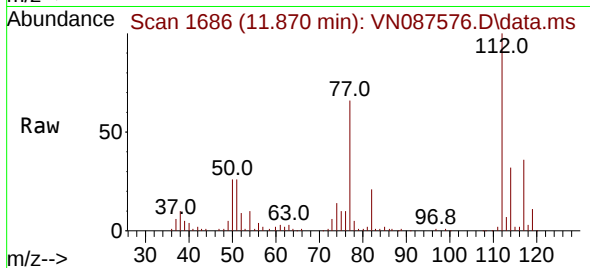
131 101.0 77.3 115.9



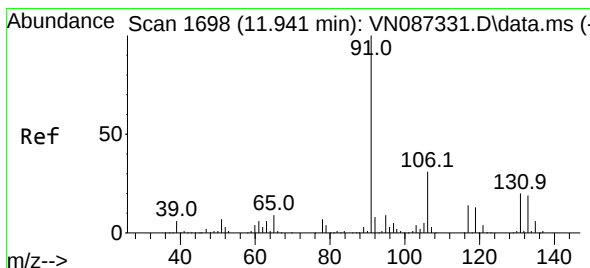
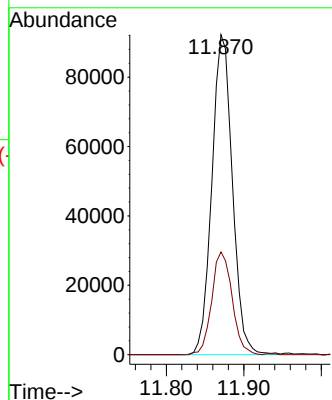
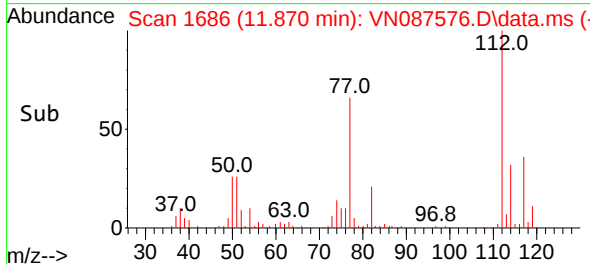


#65
Chlorobenzene
Concen: 17.288 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :

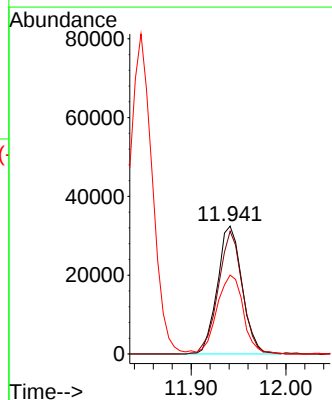
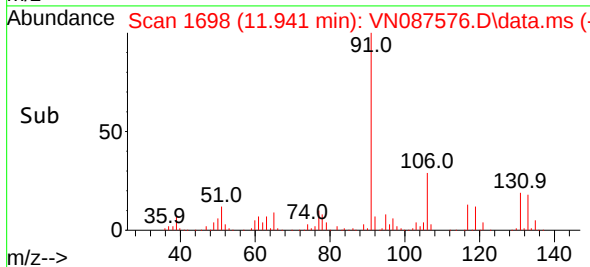
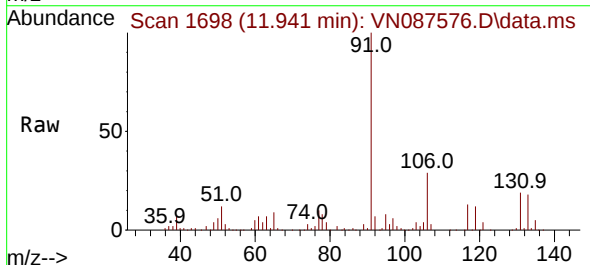


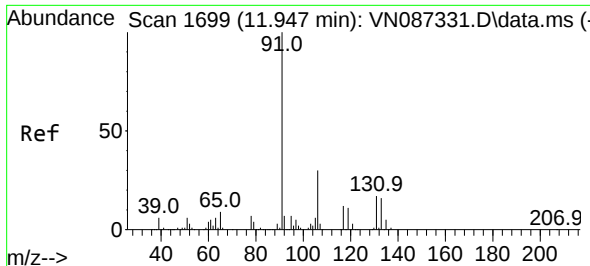
Tgt Ion:112 Resp: 169629
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.592 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion:131 Resp: 58692
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 65.5 33.1 99.2

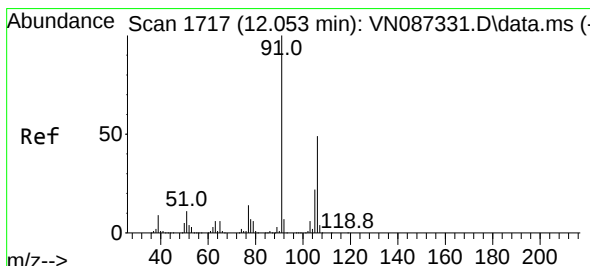
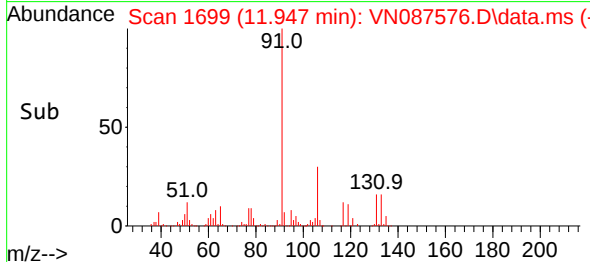
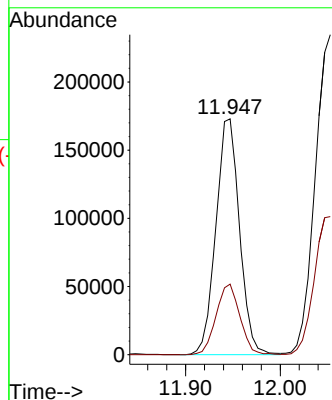
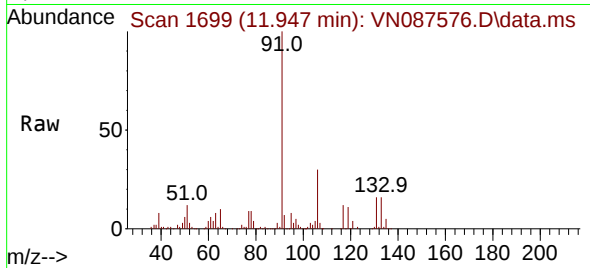




#67
Ethyl Benzene
Concen: 18.567 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

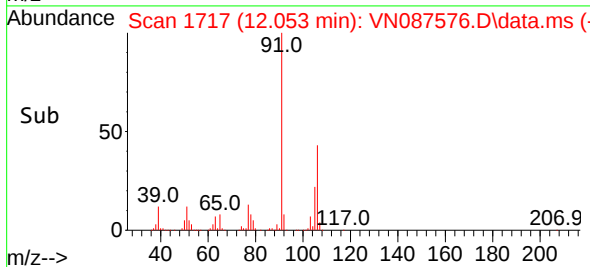
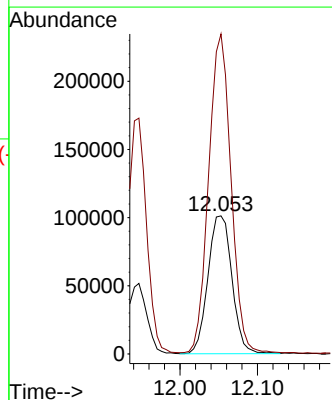
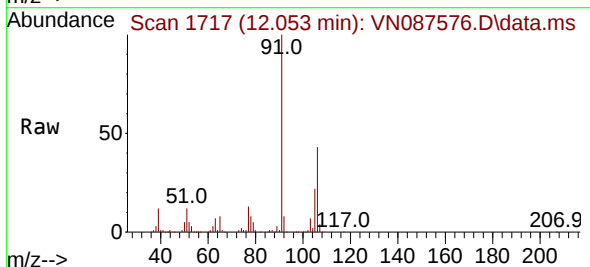
Instrument :
MSVOA_N
ClientSampleId :

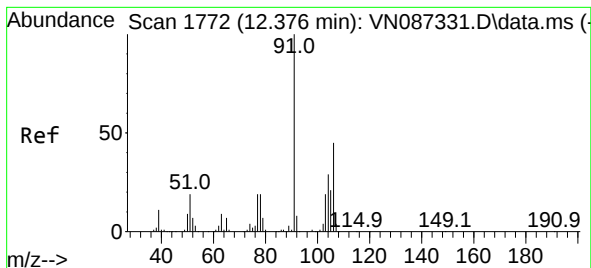
Tgt Ion: 91 Resp: 299908
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 35.973 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion:106 Resp: 217584
Ion Ratio Lower Upper
106 100
91 216.7 162.0 243.0





#69

o-Xylene

Concen: 18.167 ug/l

RT: 12.382 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

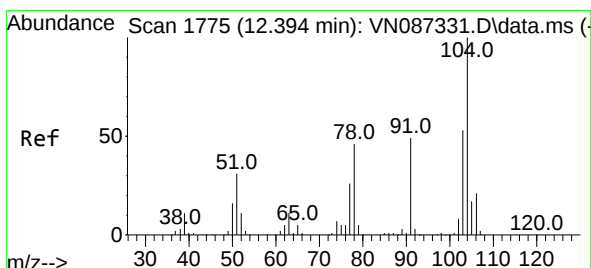
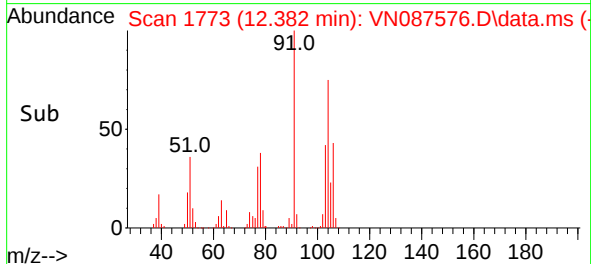
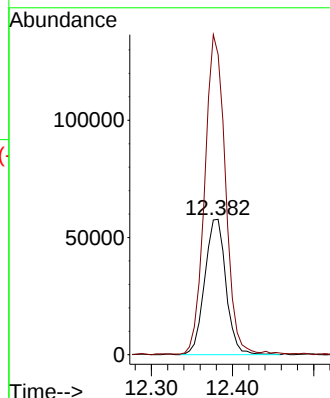
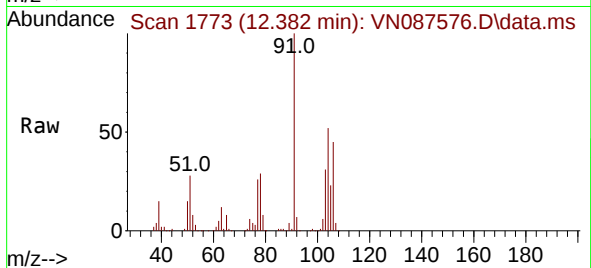
ClientSampleId :

Tgt Ion:106 Resp: 104961

Ion Ratio Lower Upper

106 100

91 227.8 107.7 323.3



#70

Styrene

Concen: 18.862 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

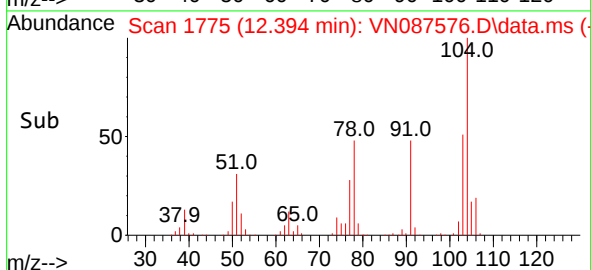
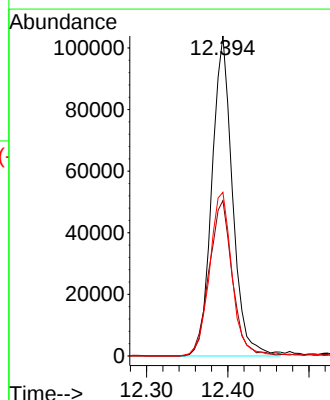
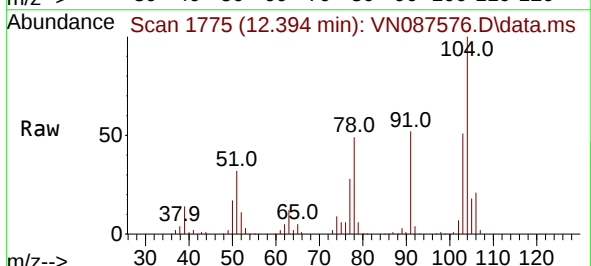
Tgt Ion:104 Resp: 183322

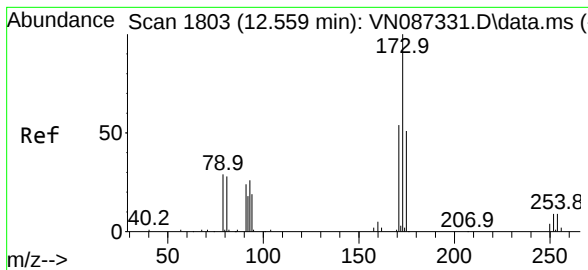
Ion Ratio Lower Upper

104 100

78 54.5 41.0 61.6

103 55.3 43.9 65.9

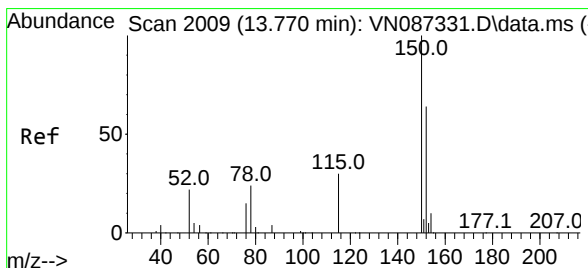
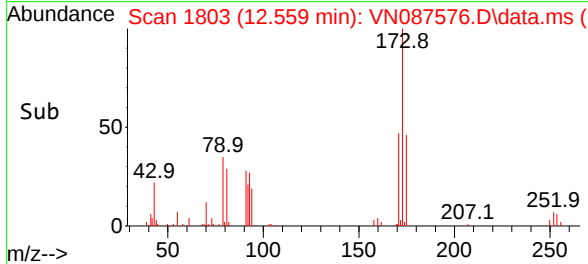
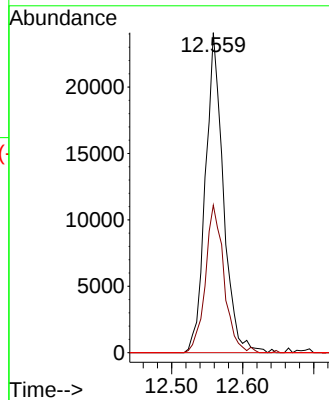
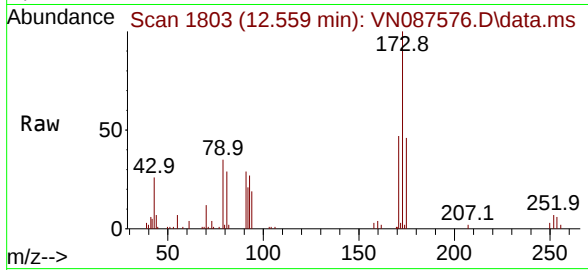




#71
Bromoform
Concen: 15.712 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

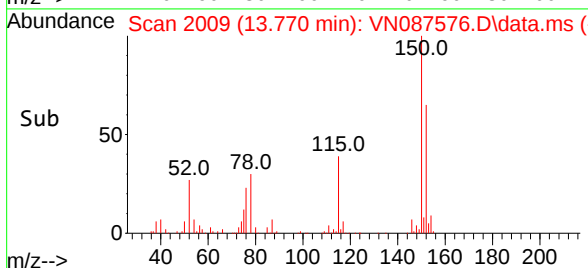
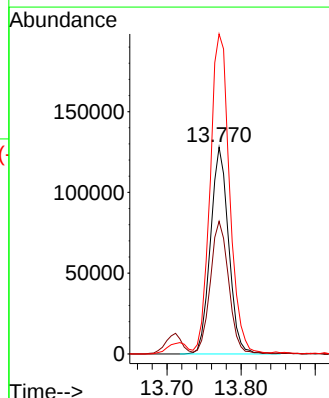
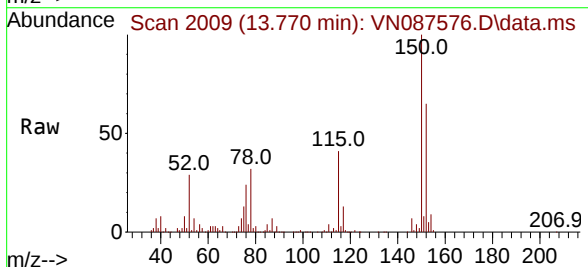
Instrument :
MSVOA_N
ClientSampleId :

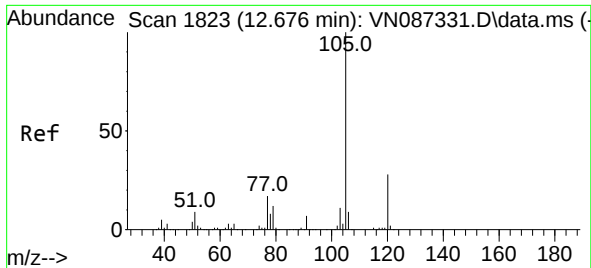
Tgt Ion:173 Resp: 42350
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion:152 Resp: 218214
Ion Ratio Lower Upper
152 100
115 64.4 31.1 93.5
150 164.1 0.0 349.0

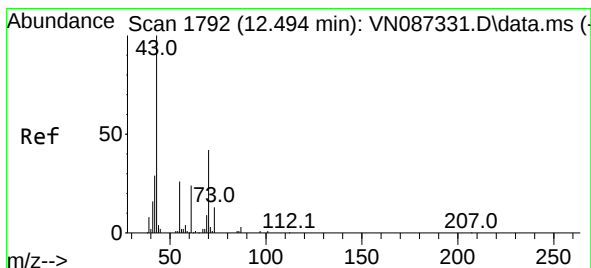
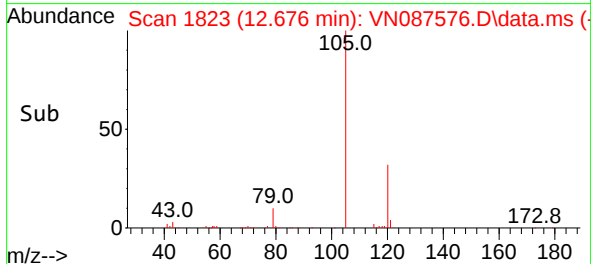
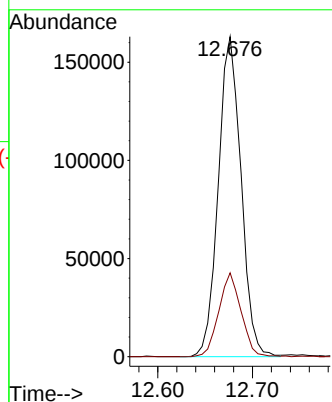
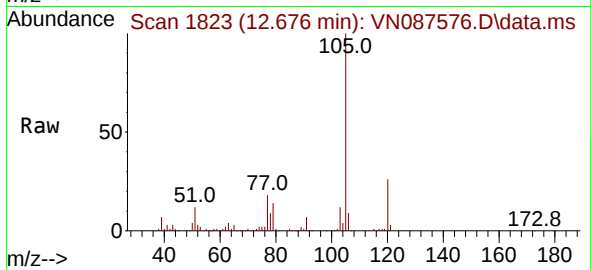




#73
Isopropylbenzene
Concen: 19.848 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

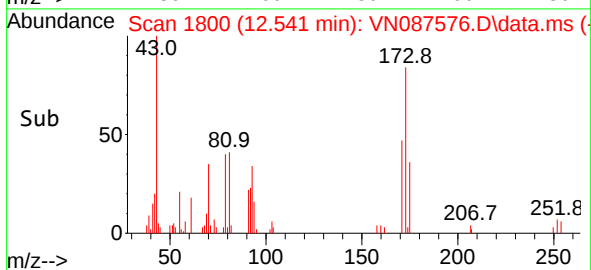
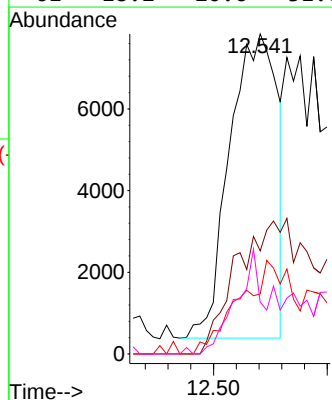
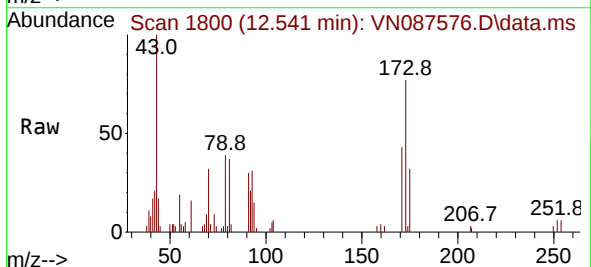
Instrument :
MSVOA_N
ClientSampleId :

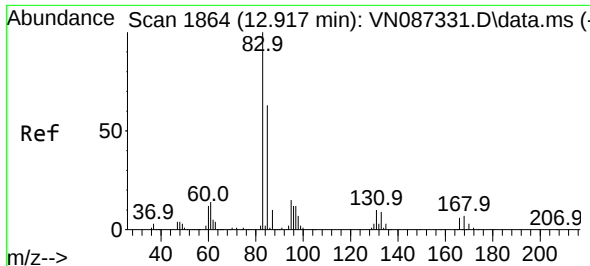
Tgt Ion:105 Resp: 272590
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 3.801 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.047 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 43 Resp: 21690
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 33.2 19.6 29.4#
61 18.2 20.6 31.0#

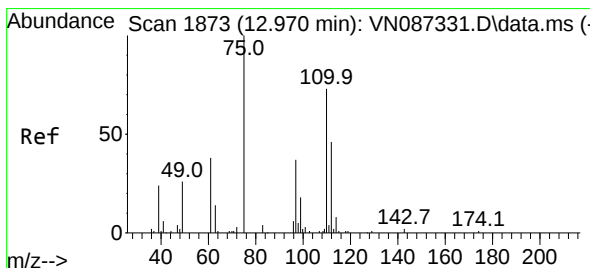
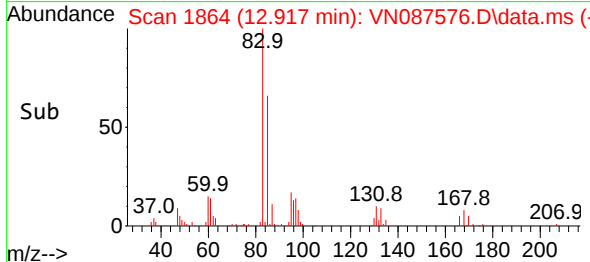
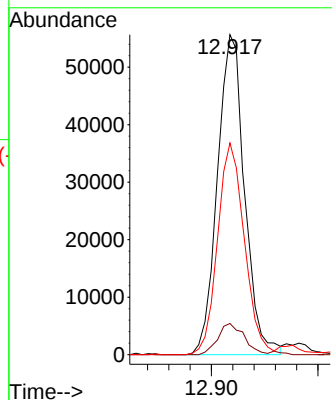
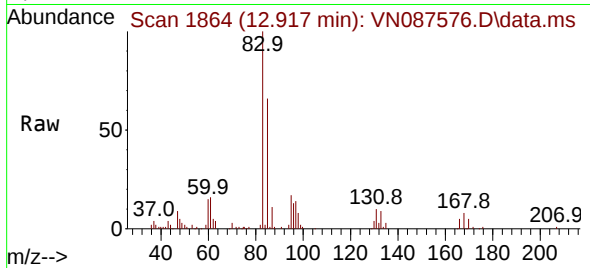




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.046 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

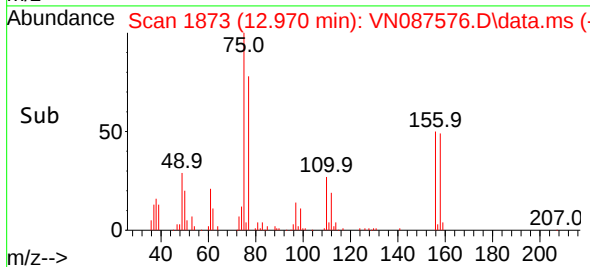
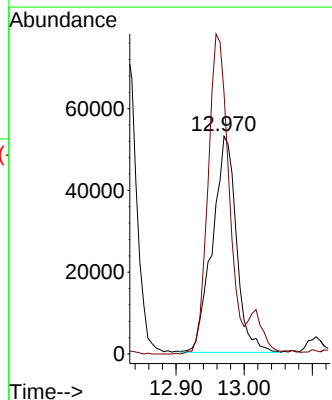
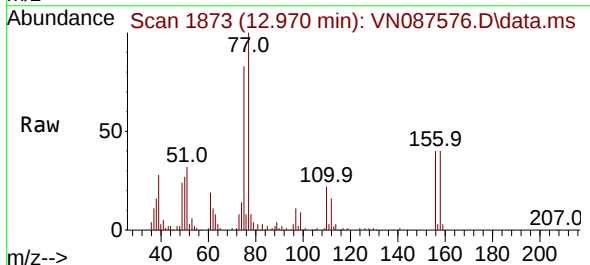
Instrument :
 MSVOA_N
 ClientSampleId :

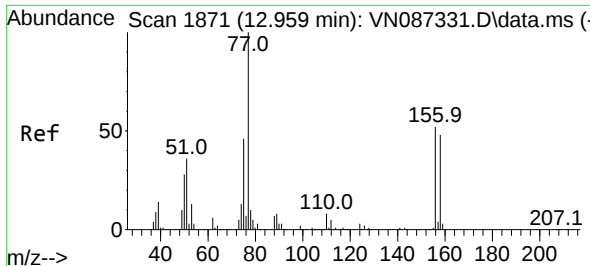
Tgt Ion: 83 Resp: 98427
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 65.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 26.461 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

Tgt Ion: 75 Resp: 129479
 Ion Ratio Lower Upper
 75 100
 77 127.5 94.5 283.6

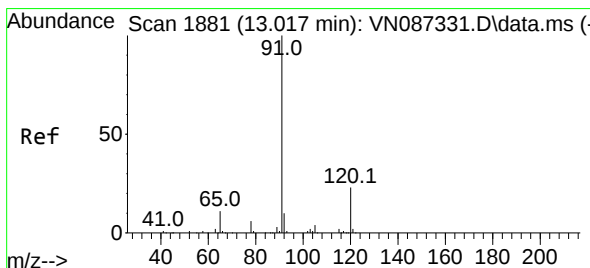
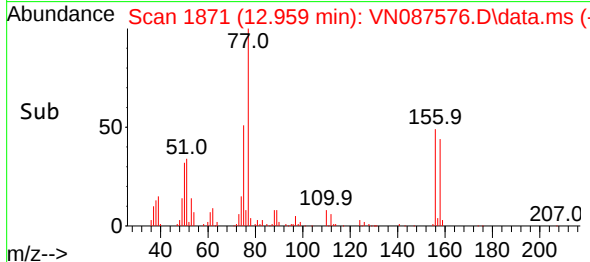
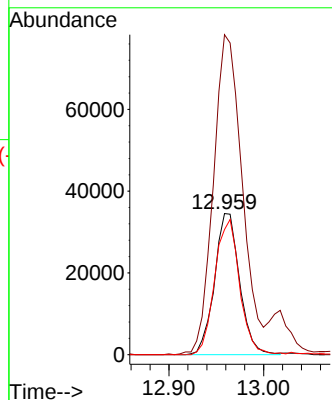
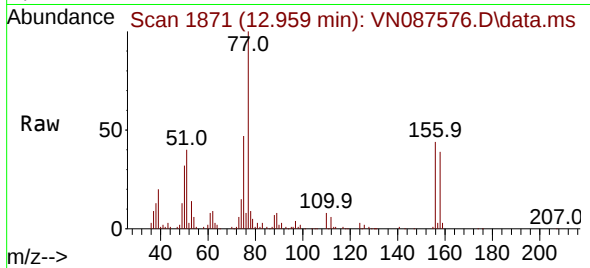




#77
Bromobenzene
Concen: 17.850 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

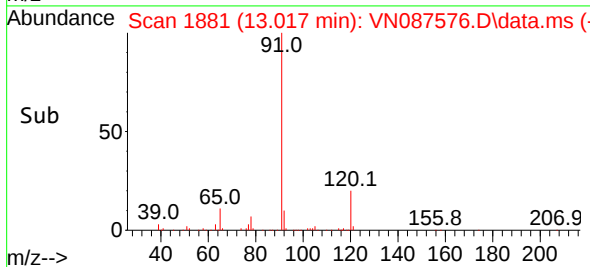
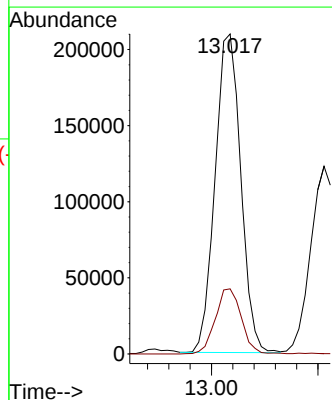
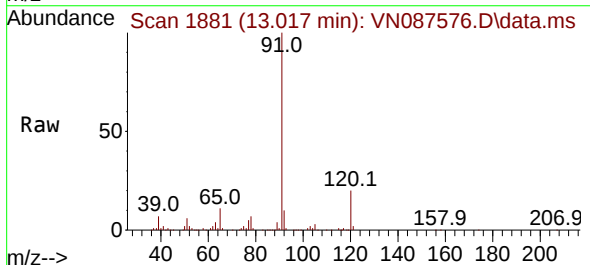
Instrument :
MSVOA_N
ClientSampleId :

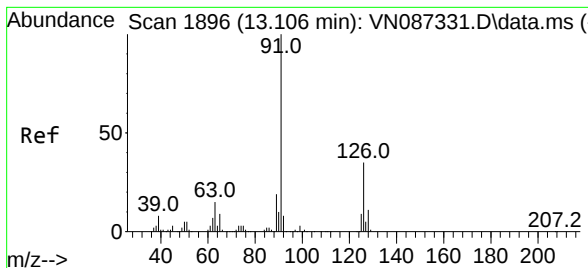
Tgt Ion:156 Resp: 63580
Ion Ratio Lower Upper
156 100
77 259.6 114.9 344.6
158 94.9 48.5 145.5



#78
n-propylbenzene
Concen: 20.263 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 91 Resp: 350141
Ion Ratio Lower Upper
91 100
120 20.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.952 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

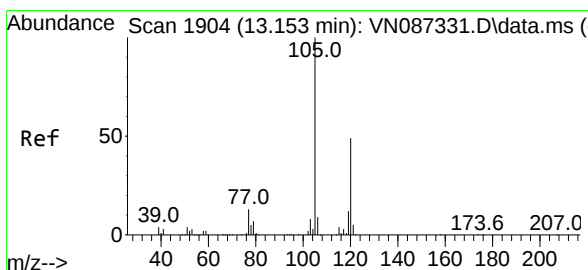
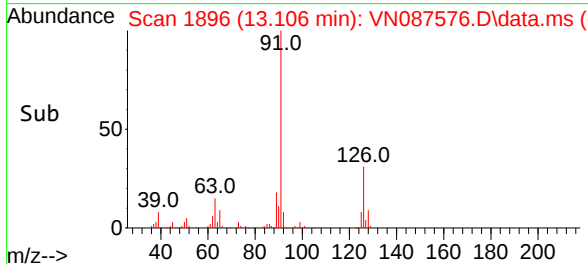
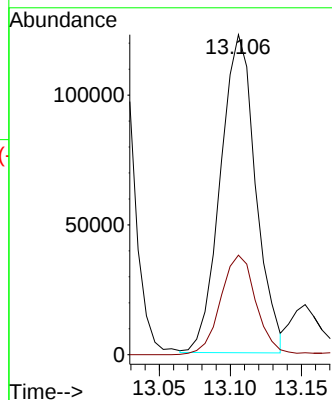
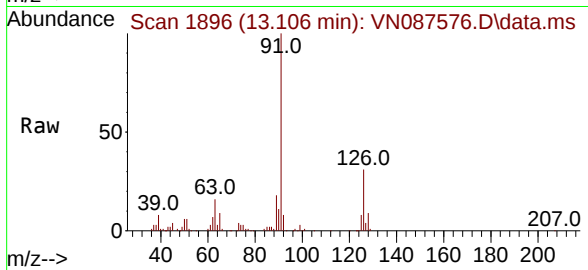
ClientSampleId :

Tgt Ion: 91 Resp: 211887

Ion Ratio Lower Upper

91 100

126 31.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.185 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087576.D

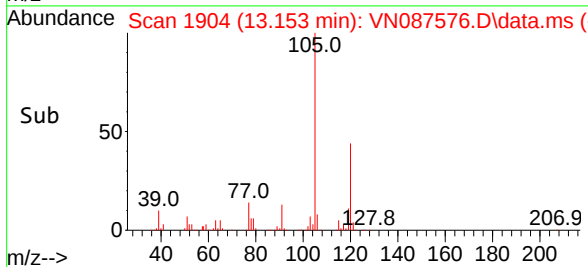
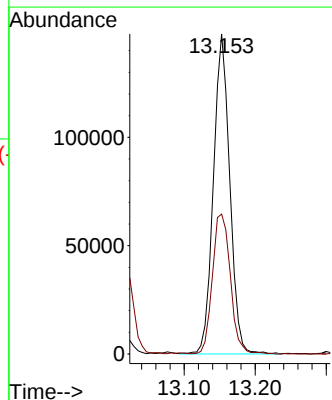
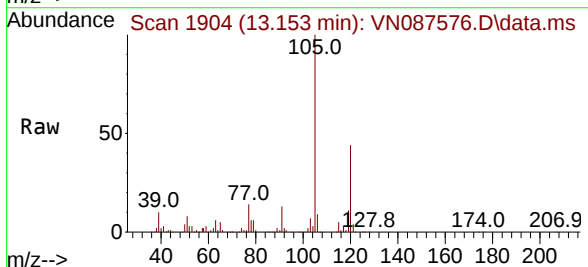
Acq: 15 Aug 2025 12:58

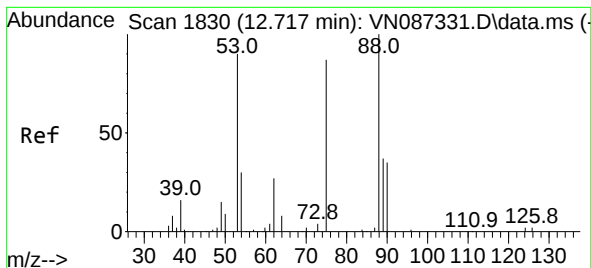
Tgt Ion: 105 Resp: 236194

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

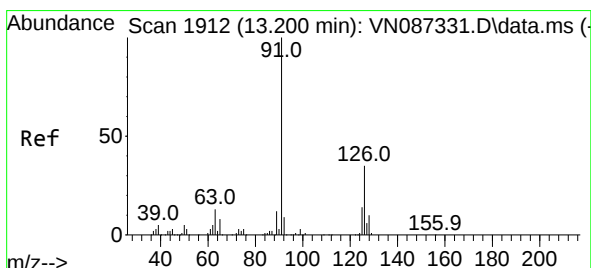
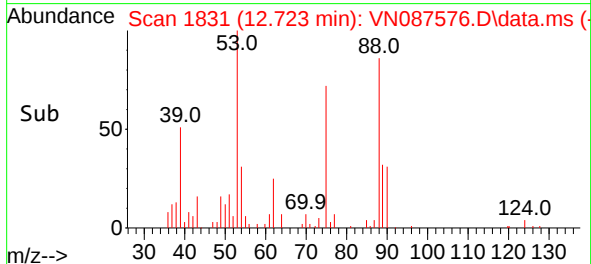
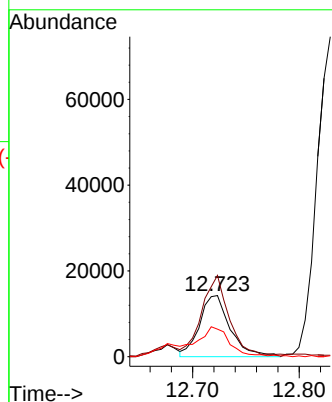
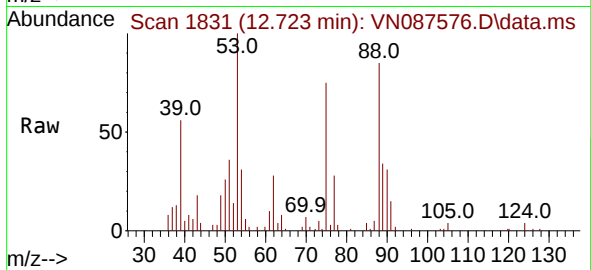




#81
trans-1,4-Dichloro-2-butene
Concen: 15.894 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

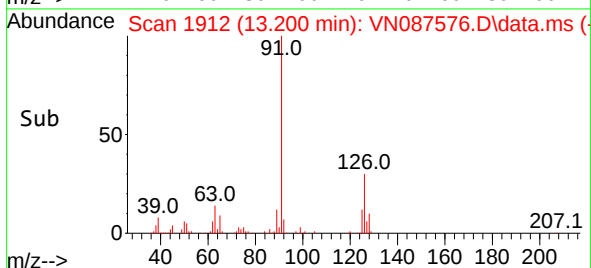
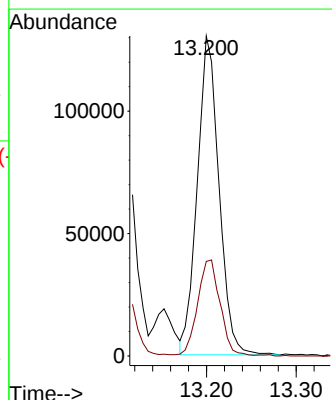
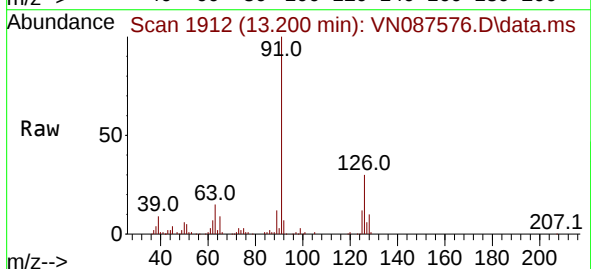
Instrument :
MSVOA_N
ClientSampleId :

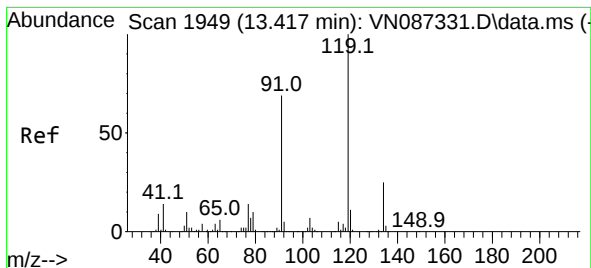
Tgt Ion: 75 Resp: 28424
Ion Ratio Lower Upper
75 100
53 115.0 83.5 125.3
89 51.6 38.4 57.6



#82
4-Chlorotoluene
Concen: 19.813 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion: 91 Resp: 219058
Ion Ratio Lower Upper
91 100
126 30.7 16.6 49.7





#83

tert-Butylbenzene

Concen: 19.893 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

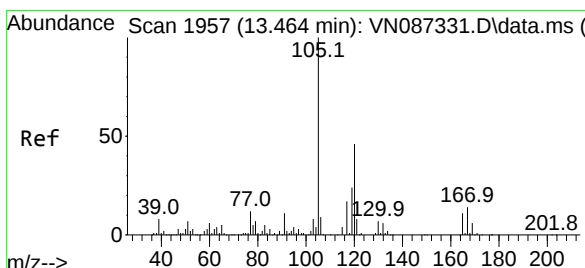
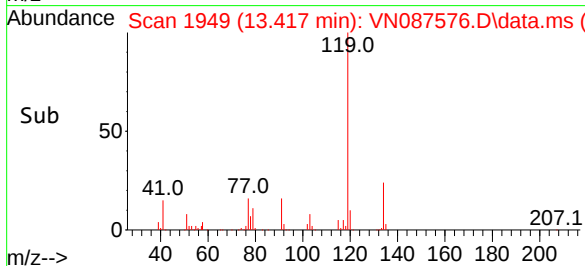
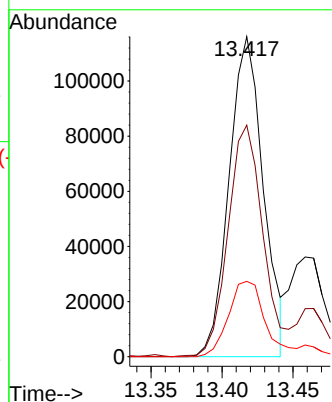
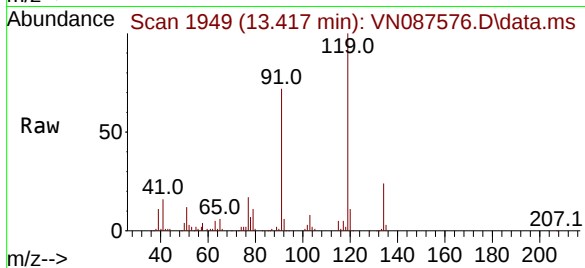
Tgt Ion:119 Resp: 194418

Ion Ratio Lower Upper

119 100

91 74.5 35.0 105.1

134 25.3 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 20.500 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087576.D

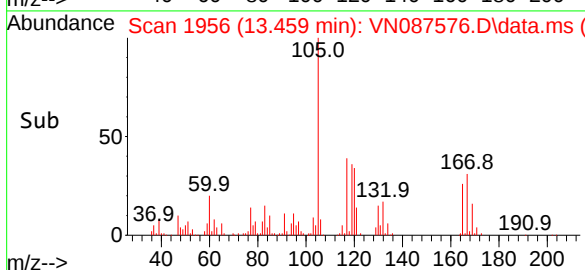
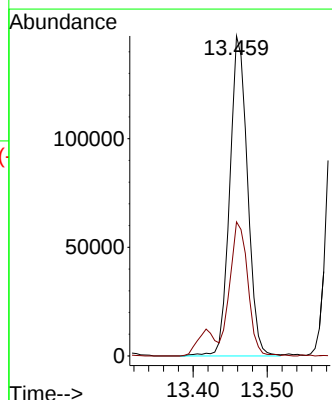
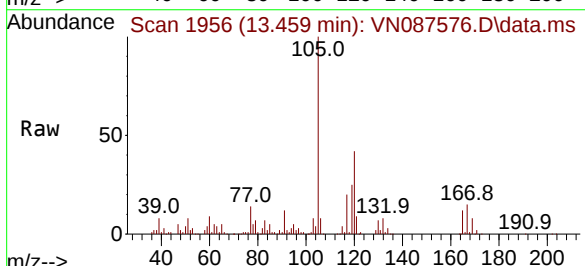
Acq: 15 Aug 2025 12:58

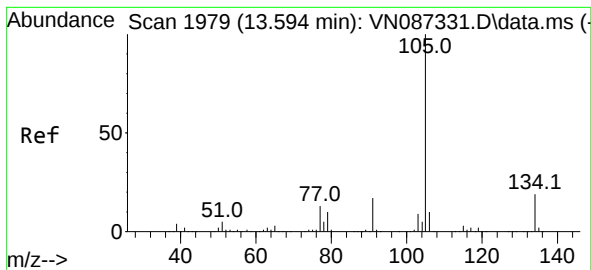
Tgt Ion:105 Resp: 244978

Ion Ratio Lower Upper

105 100

120 42.3 22.8 68.3

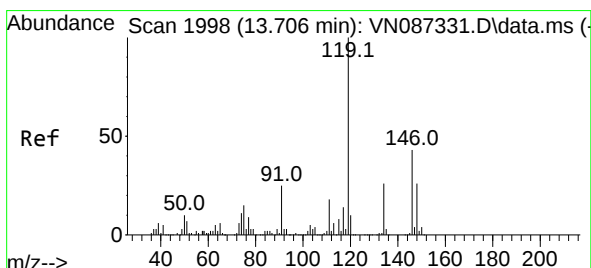
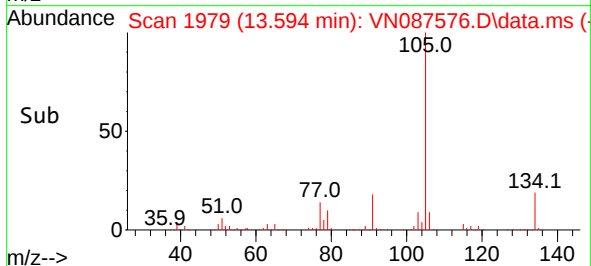
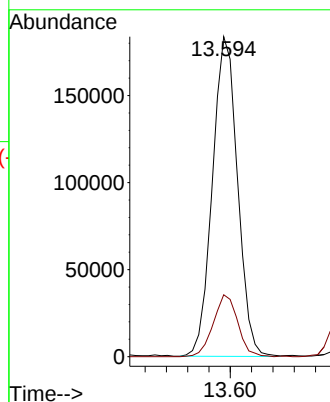
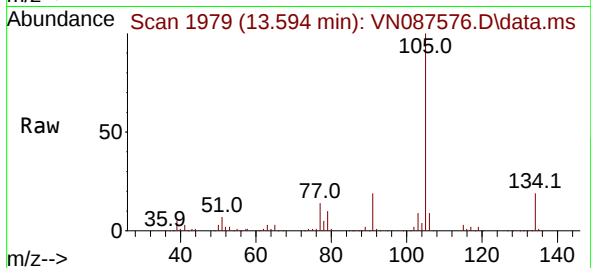




#85
 sec-Butylbenzene
 Concen: 20.392 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

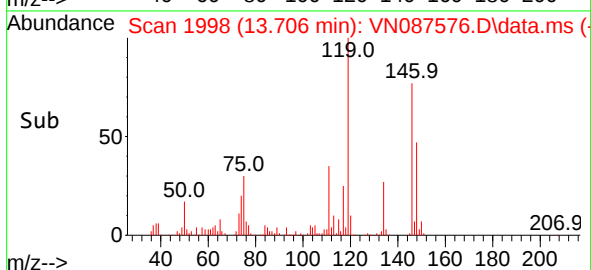
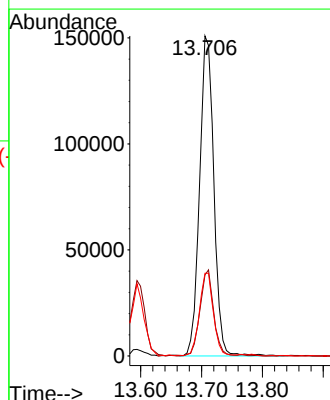
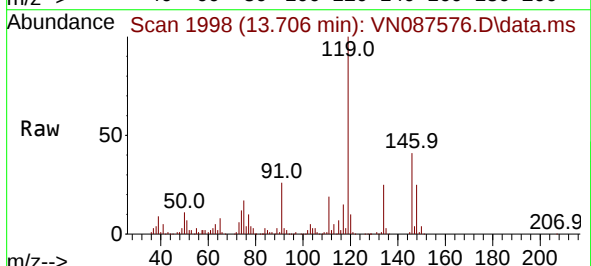
Instrument :
 MSVOA_N
 ClientSampleId :

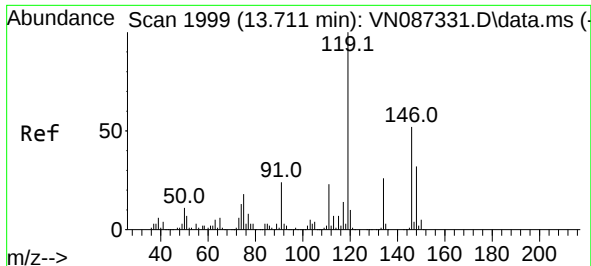
Tgt Ion:105 Resp: 300191
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.862 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

Tgt Ion:119 Resp: 246125
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.5
 91 24.8 12.2 36.6

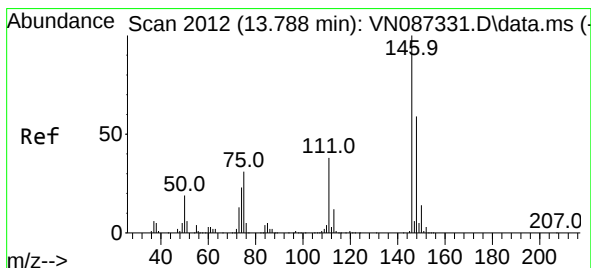
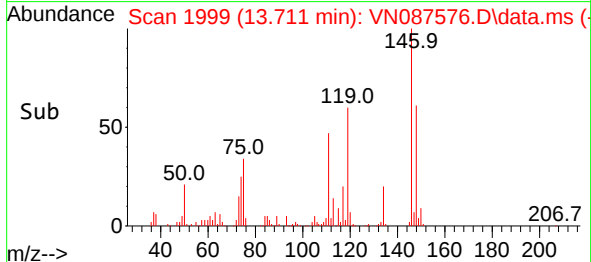
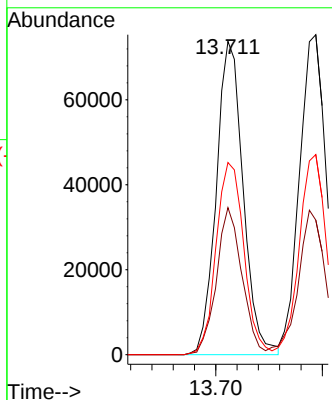
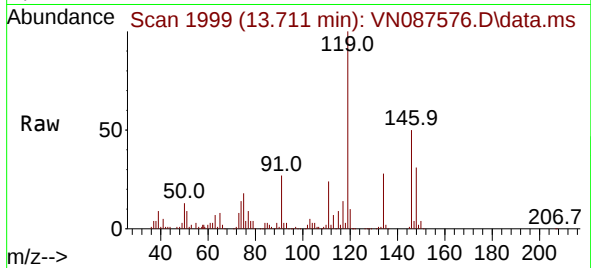




#87
1,3-Dichlorobenzene
Concen: 18.448 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

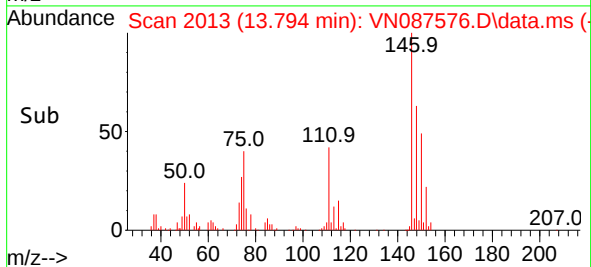
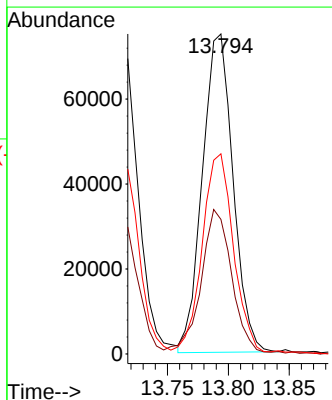
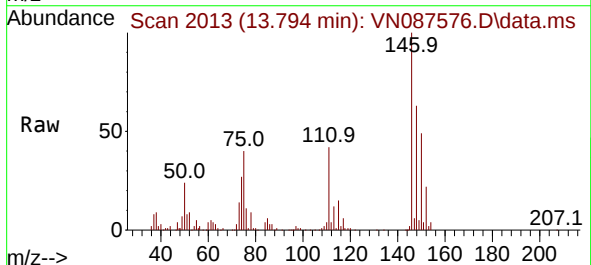
Instrument :
MSVOA_N
ClientSampleId :

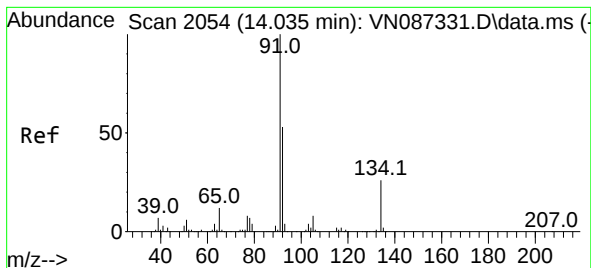
Tgt Ion:146 Resp: 128960
Ion Ratio Lower Upper
146 100
111 44.6 21.4 64.3
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 17.628 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

Tgt Ion:146 Resp: 131608
Ion Ratio Lower Upper
146 100
111 46.3 19.6 58.7
148 63.1 31.4 94.0





#89

n-Butylbenzene

Concen: 21.254 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

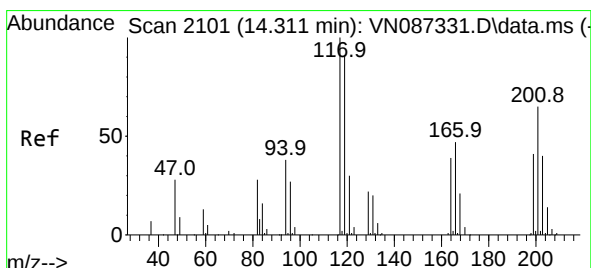
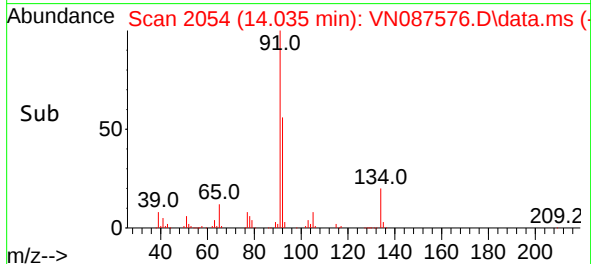
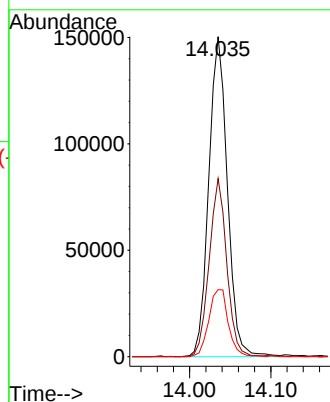
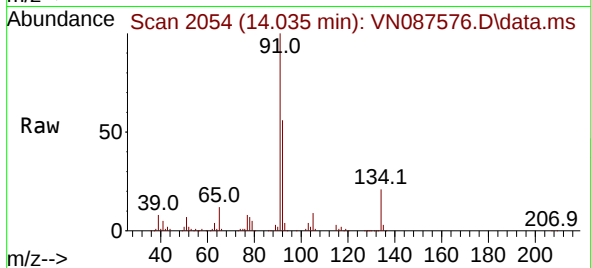
Tgt Ion: 91 Resp: 239433

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 22.0 12.4 37.2



#90

Hexachloroethane

Concen: 17.359 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087576.D

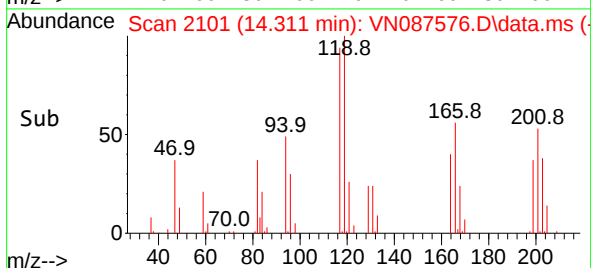
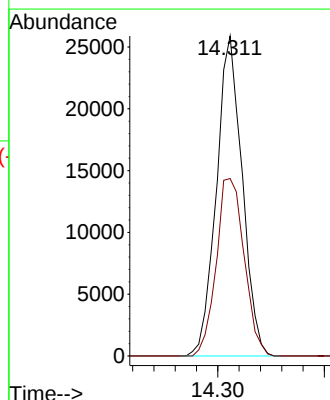
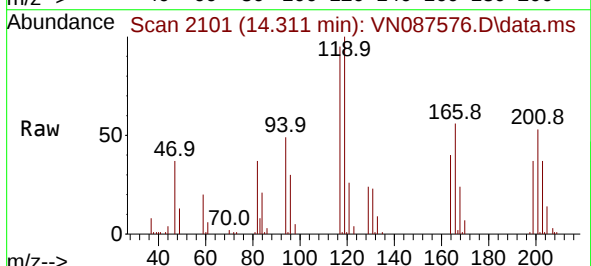
Acq: 15 Aug 2025 12:58

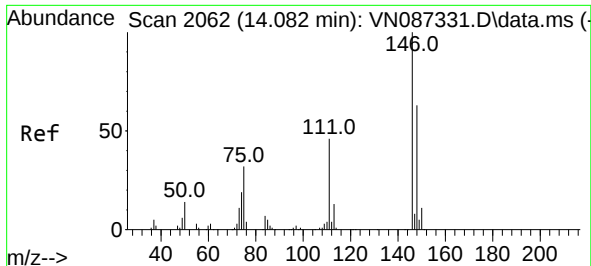
Tgt Ion: 117 Resp: 43390

Ion Ratio Lower Upper

117 100

201 60.2 32.8 98.4

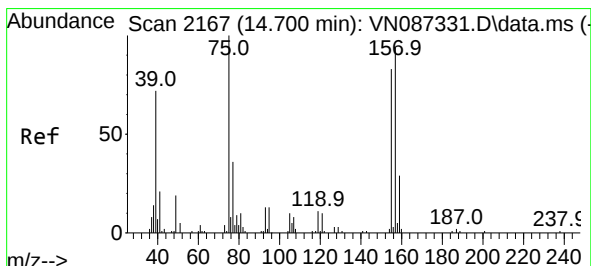
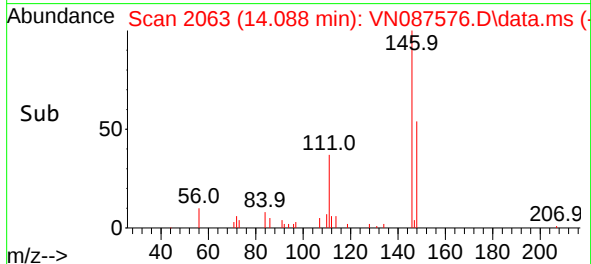
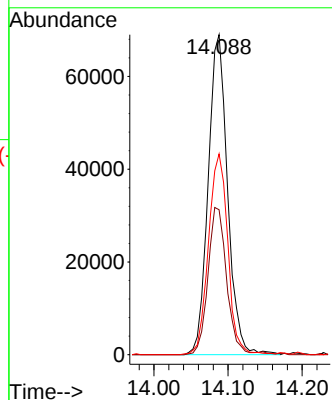
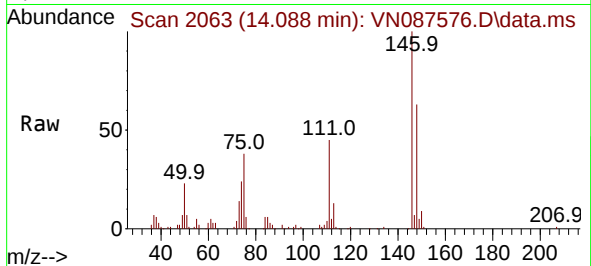




#91
1,2-Dichlorobenzene
Concen: 18.947 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

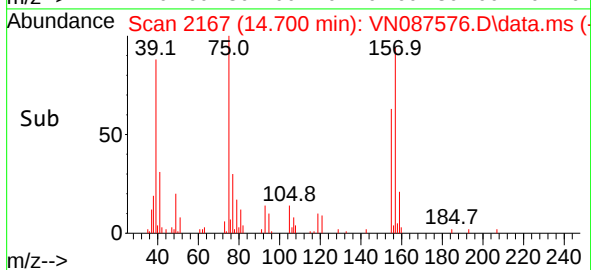
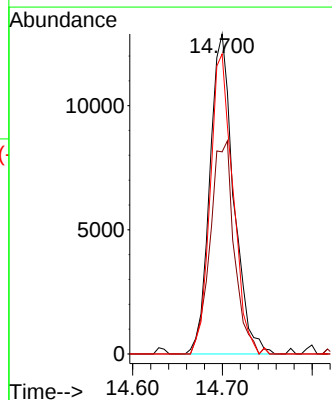
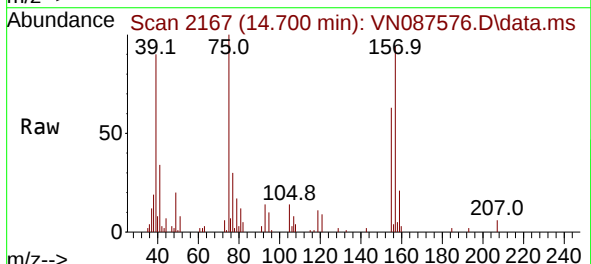
Instrument :
MSVOA_N
ClientSampleId :

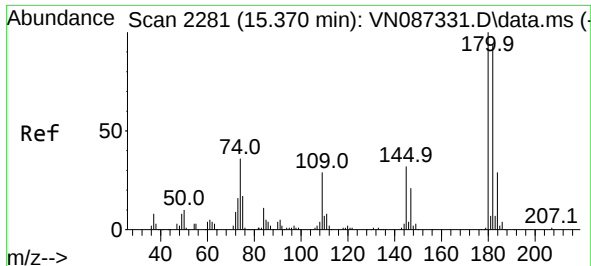
Tgt Ion:146 Resp: 125478
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 62.6 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.528 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087576.D
Acq: 15 Aug 2025 12:58

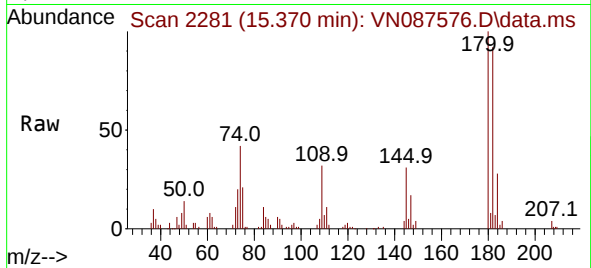
Tgt Ion: 75 Resp: 23782
Ion Ratio Lower Upper
75 100
155 67.2 37.3 111.8
157 89.7 46.2 138.6



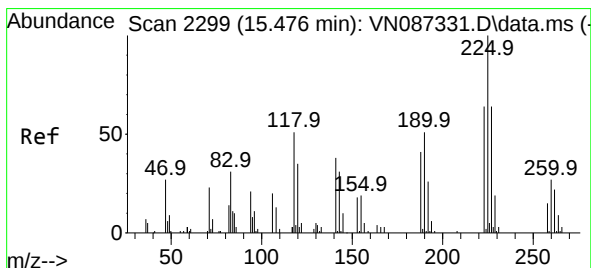
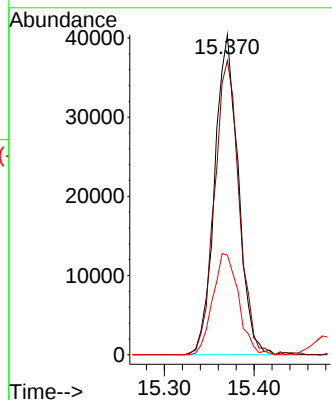
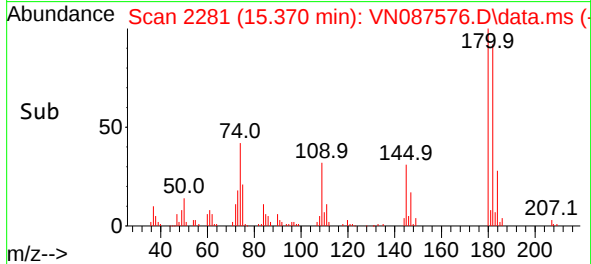


#93
 1,2,4-Trichlorobenzene
 Concen: 18.904 ug/l
 RT: 15.370 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58

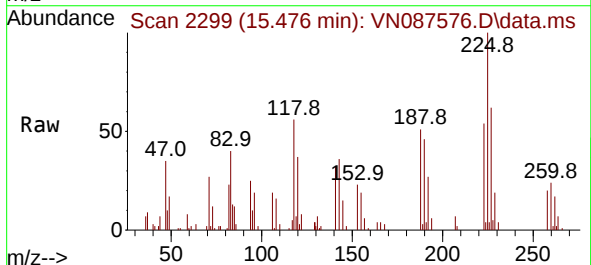
Instrument :
 MSVOA_N
 ClientSampleId :



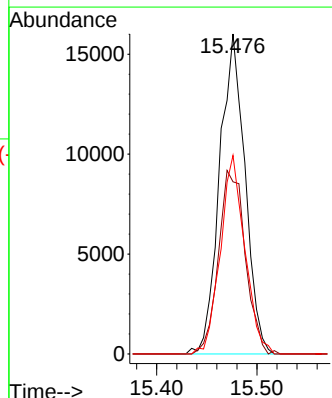
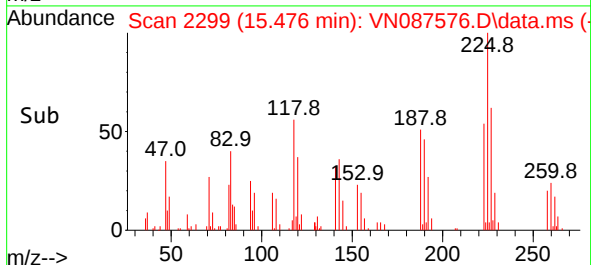
Tgt Ion:180 Resp: 73539
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.8
 145 34.6 15.4 46.4

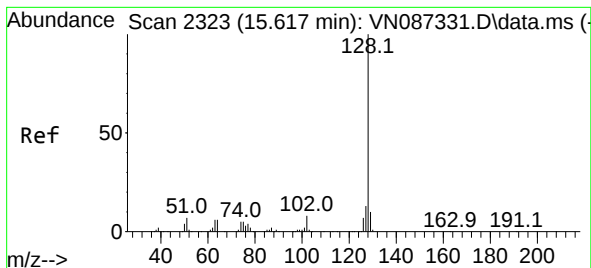


#94
 Hexachlorobutadiene
 Concen: 19.462 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN087576.D
 Acq: 15 Aug 2025 12:58



Tgt Ion:225 Resp: 28132
 Ion Ratio Lower Upper
 225 100
 223 60.5 32.1 96.3
 227 59.6 31.3 93.9





#95

Naphthalene

Concen: 18.913 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087576.D

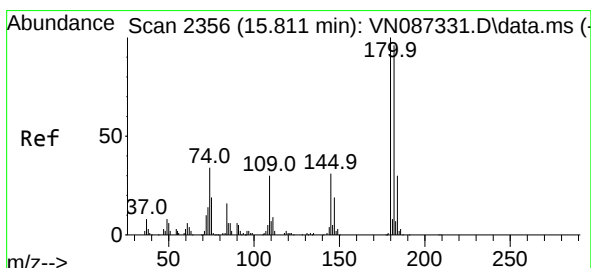
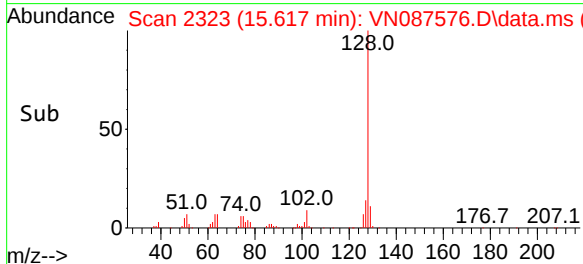
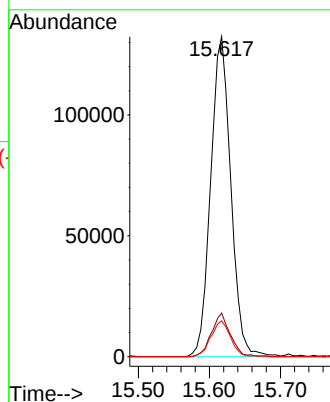
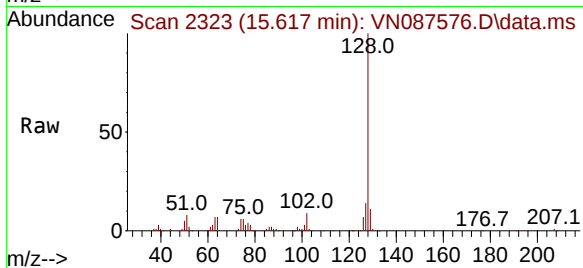
Acq: 15 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	260647
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.4	12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.870 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087576.D

Acq: 15 Aug 2025 12:58

Tgt Ion:	180	Resp:	73634
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	36.5	16.9	50.6

