

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087772.D
 Acq On : 09 Sep 2025 14:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 10 02:31:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.789	128	46387	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	235607	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	224127	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	121820	30.743	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.467%	
60) 4-Bromofluorobenzene	12.829	95	108927	30.226	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.767%	
63) Toluene-d8	10.547	98	312762	30.007	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55001	19.078	ug/l	96
3) Chloromethane	2.383	50	61832	20.430	ug/l	96
4) Vinyl Chloride	2.536	62	68680	20.075	ug/l	98
5) Bromomethane	2.977	94	35488	17.682	ug/l	99
6) Chloroethane	3.142	64	48769	20.857	ug/l #	83
7) Trichlorofluoromethane	3.512	101	100480	20.037	ug/l	98
8) Diethyl Ether	3.954	74	40104	18.939	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	49751	18.317	ug/l	76
10) 1,1-Dichloroethene	4.330	96	54763	19.556	ug/l #	92
11) Methyl Iodide	4.577	142	31976	16.131	ug/l	93
12) Methyl Acetate	5.018	43	84698	19.621	ug/l	92
13) Acrolein	3.812	56	347	0.451	ug/l	96
14) Acrylonitrile	5.712	53	178309	95.965	ug/l	97
15) Acetone	4.424	58	54508	94.038	ug/l	99
16) Carbon Disulfide	4.706	76	150852	19.620	ug/l #	90
17) Allyl chloride	5.012	41	83805	18.322	ug/l	90
18) Methylene Chloride	5.259	84	62121	19.583	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	55611	19.472	ug/l	96
20) Diisopropyl ether	6.659	45	201689	19.175	ug/l	96
21) 1,1-Dichloroethane	6.547	63	108989	18.922	ug/l	97
22) cis-1,2-Dichloroethene	7.465	96	66808	19.272	ug/l	96
23) tert-Butyl Alcohol	5.506	59	64723	98.540	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	189972	19.002	ug/l	98
25) Chloroform	7.947	83	120711	20.021	ug/l	100
26) Cyclohexane	8.236	56	81663	18.617	ug/l #	100
29) 1,1-Dichloropropene	8.353	75	75089	19.610	ug/l	100
30) 2-Butanone	7.465	43	263606	99.937	ug/l	96
31) 2,2-Dichloropropane	7.471	77	86986	18.846	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	99010	20.396	ug/l	99
33) Carbon Tetrachloride	8.347	117	79372	19.609	ug/l	87
34) Benzene	8.583	78	242680	19.610	ug/l	99
35) Methacrylonitrile	7.765	41	55160	19.993	ug/l	90
36) 1,2-Dichloroethane	8.653	62	94295	20.173	ug/l #	93
37) Trichloroethene	9.330	130	51485	18.611	ug/l	94
38) Methylcyclohexane	9.583	83	77723	18.434	ug/l	96
39) 1,2-Dichloropropane	9.600	63	66230	20.896	ug/l	93
40) Dibromomethane	9.688	93	47705	20.225	ug/l	98
41) Bromodichloromethane	9.865	83	96141	19.942	ug/l #	91
42) Vinyl Acetate	6.589	43	846751	96.079	ug/l	100

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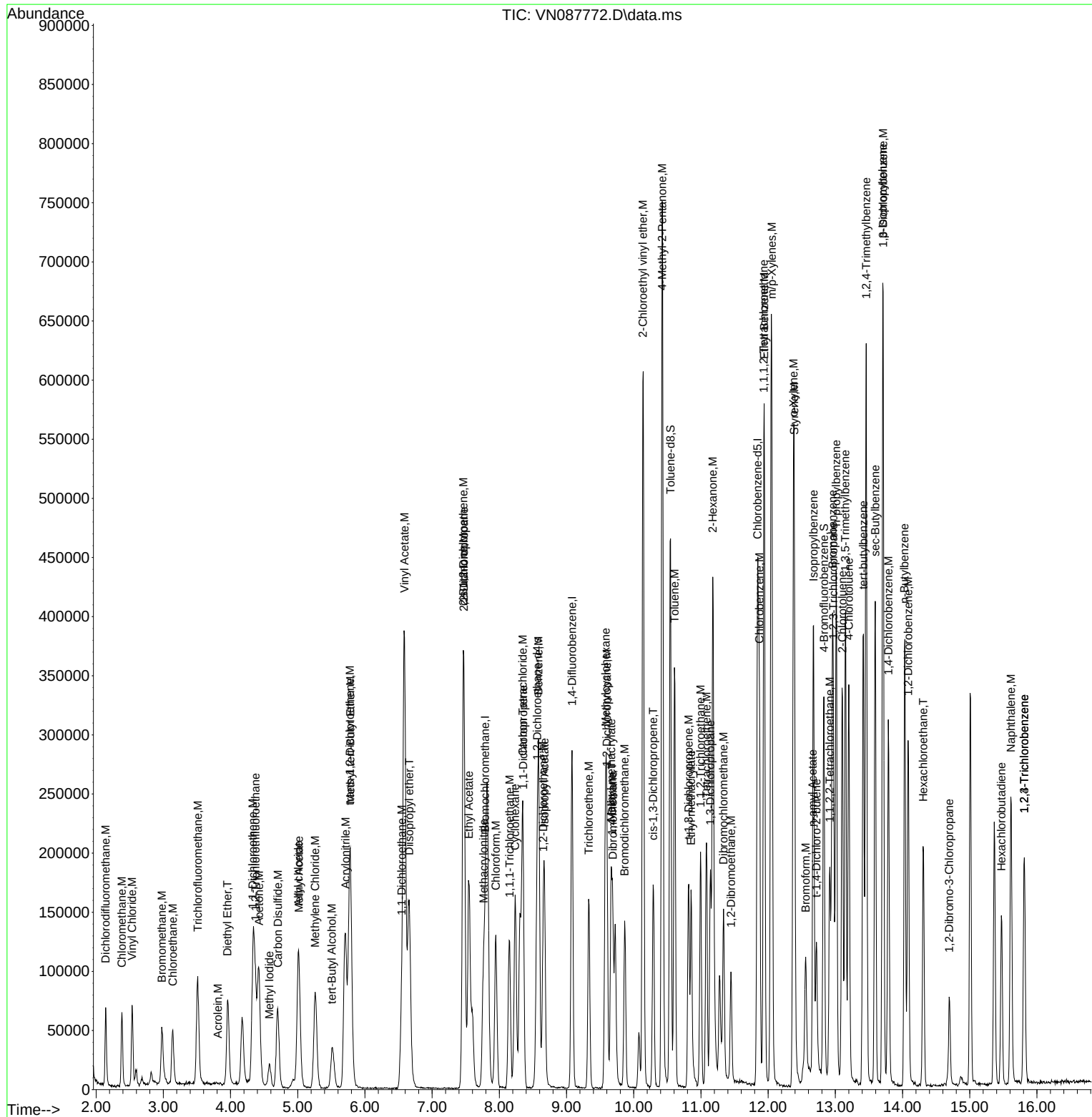
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	105335	19.546	ug/l	98
44) Isopropyl Acetate	8.671	43	168300	19.921	ug/l	100
45) 1,4-Dioxane	9.677	88	22338	419.268	ug/l	94
46) Methyl methacrylate	9.665	41	76130	19.550	ug/l	97
47) n-amyl Acetate	12.659	43	5728	1.003	ug/l #	46
48) t-1,3-Dichloropropene	10.818	75	96357	19.244	ug/l	96
49) cis-1,3-Dichloropropene	10.288	75	96633	18.842	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	61430	20.164	ug/l	97
51) Ethyl methacrylate	10.853	69	92075	19.420	ug/l	93
52) 1,3-Dichloropropane	11.141	76	104483	19.750	ug/l	98
53) Dibromochloromethane	11.335	129	68522	20.060	ug/l	93
54) 1,2-Dibromoethane	11.447	107	62812	19.814	ug/l	100
55) 2-Chloroethyl vinyl ether	10.135	63	267279	98.390	ug/l	99
56) Bromoform	12.559	173	43320	19.419	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	521358	98.379	ug/l	98
59) 2-Hexanone	11.177	43	328431	94.843	ug/l	98
61) Tetrachloroethene	11.082	164	44423	19.907	ug/l	98
62) Toluene	10.606	91	259500	19.141	ug/l	97
64) Chlorobenzene	11.871	112	165436	19.882	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	58006	19.801	ug/l	95
66) Ethyl Benzene	11.941	91	275621	18.845	ug/l	95
67) m/p-Xylenes	12.053	106	206431	38.023	ug/l	100
68) o-Xylene	12.376	106	99093	18.825	ug/l	94
69) Styrene	12.388	104	174296	19.051	ug/l	99
70) Isopropylbenzene	12.676	105	250397	18.760	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	92975	19.376	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	121322	25.751	ug/l	54
73) Bromobenzene	12.959	156	63295	19.382	ug/l	96
74) n-propylbenzene	13.012	91	328517	19.507	ug/l	98
75) 2-Chlorotoluene	13.106	91	193153	19.056	ug/l	97
76) 1,3,5-Trimethylbenzene	13.147	105	221129	19.619	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	27950	17.576	ug/l	93
78) 4-Chlorotoluene	13.200	91	195571	19.139	ug/l	98
79) tert-butylbenzene	13.418	119	182042	19.285	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	224078	19.391	ug/l	97
81) sec-Butylbenzene	13.594	105	274946	19.803	ug/l	98
82) p-Isopropyltoluene	13.706	119	220465	19.272	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	121462	19.293	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	122637	19.434	ug/l	99
85) n-Butylbenzene	14.029	91	214443	19.502	ug/l	100
86) Hexachloroethane	14.306	117	46396	19.967	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	118463	19.951	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21192	19.901	ug/l	94
89) 1,2,4-Trichlorobenzene	15.812	180	62923	18.632	ug/l	98
90) Hexachlorobutadiene	15.470	225	23990	21.190	ug/l	94
91) Naphthalene	15.612	128	222544	17.899	ug/l	98
92) 1,2,3-Trichlorobenzene	15.812	180	62923	18.632	ug/l	98

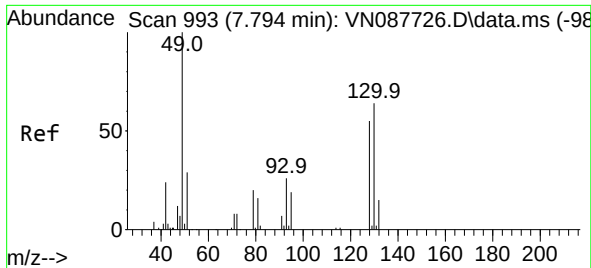
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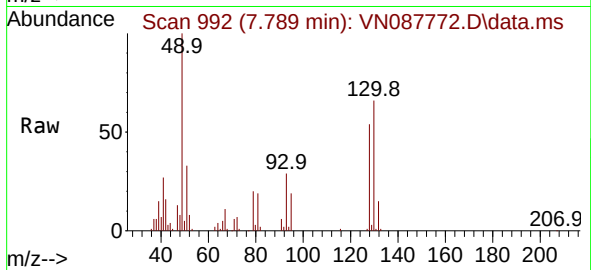
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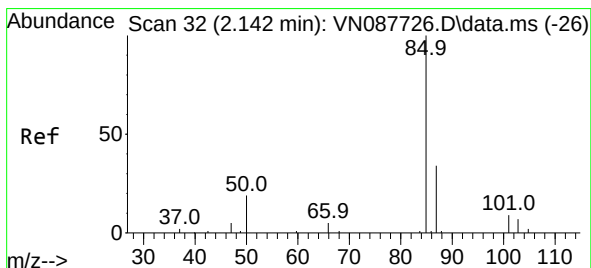
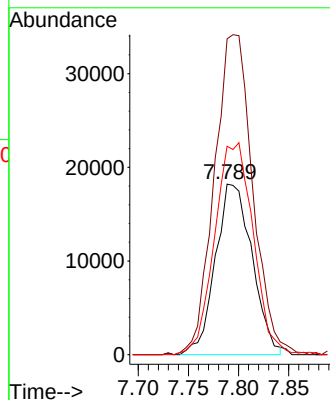
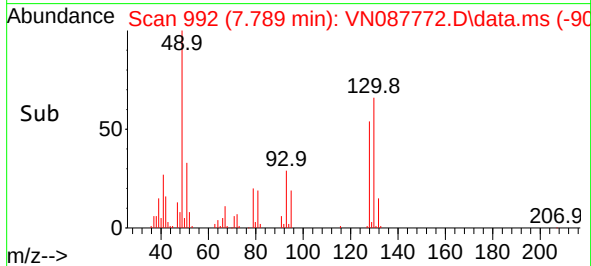


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
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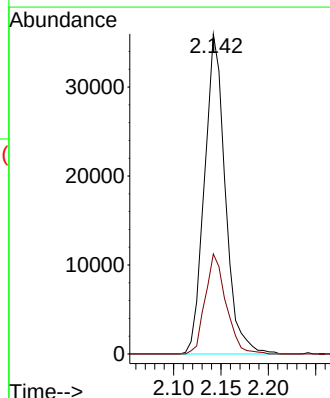
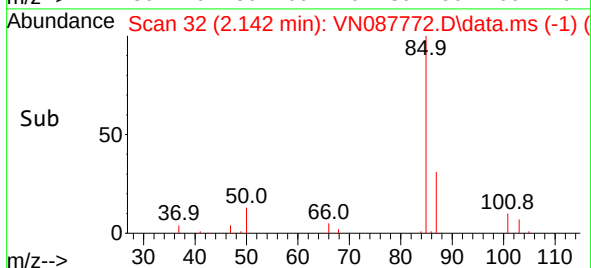
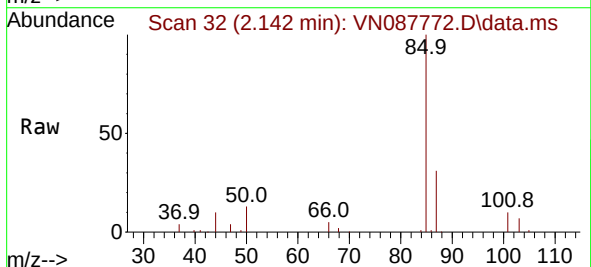


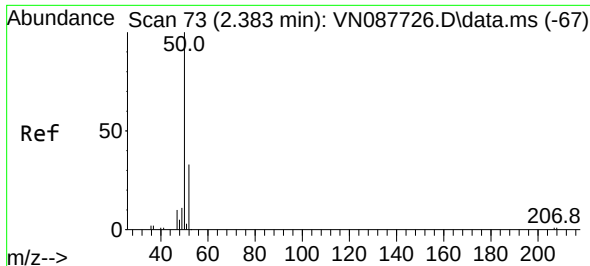
Tgt Ion:128 Resp: 46387
Ion Ratio Lower Upper
128 100
49 196.1 0.0 464.3
130 130.3 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 19.078 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 85 Resp: 55001
Ion Ratio Lower Upper
85 100
87 31.2 16.8 50.4

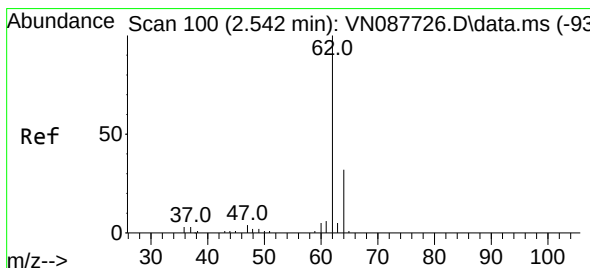
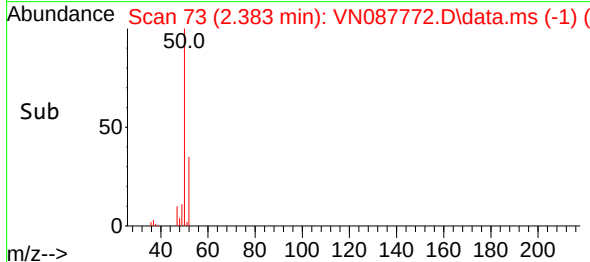
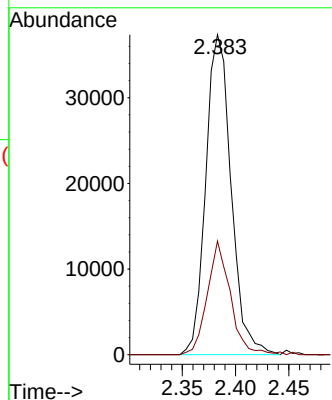
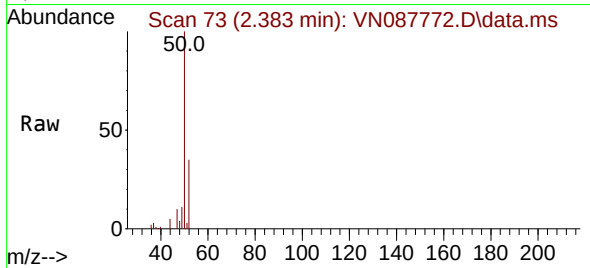




#3
Chloromethane
Concen: 20.430 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

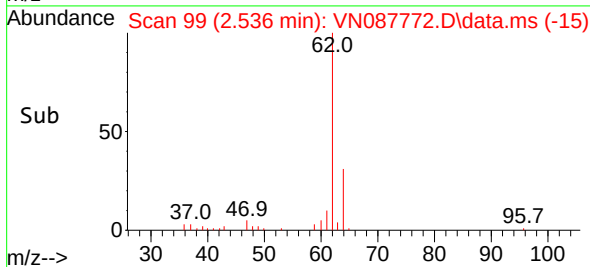
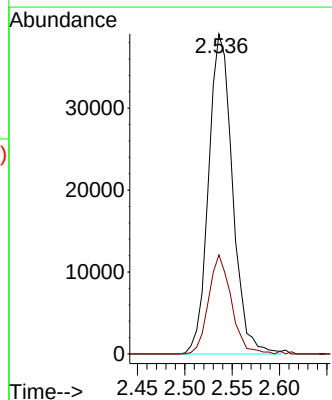
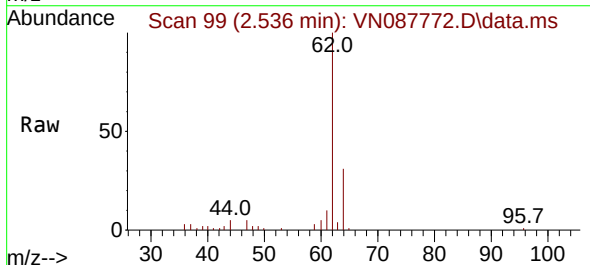
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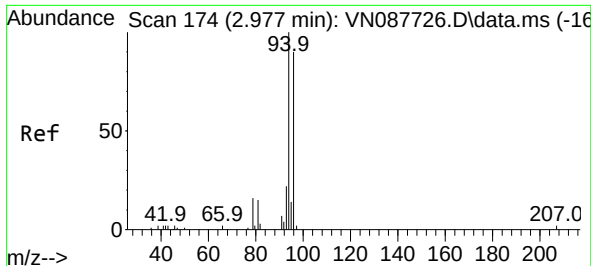
Tgt Ion: 50 Resp: 61832
Ion Ratio Lower Upper
50 100
52 35.5 26.6 40.0



#4
Vinyl Chloride
Concen: 20.075 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 62 Resp: 68680
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3

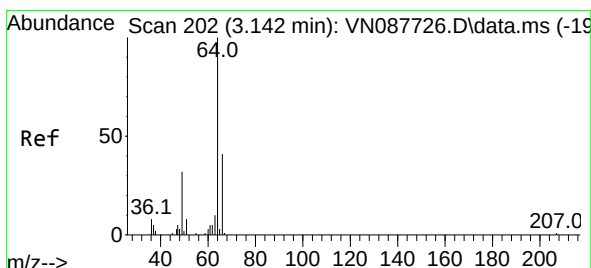
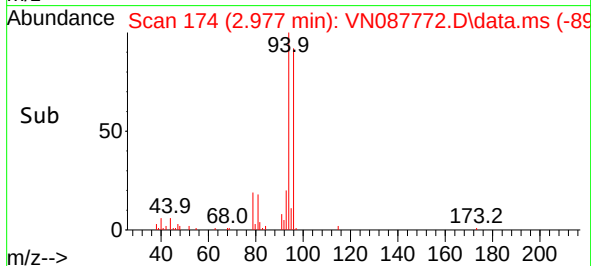
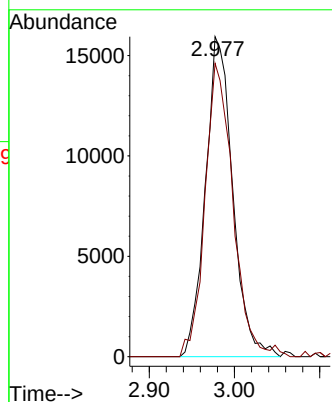
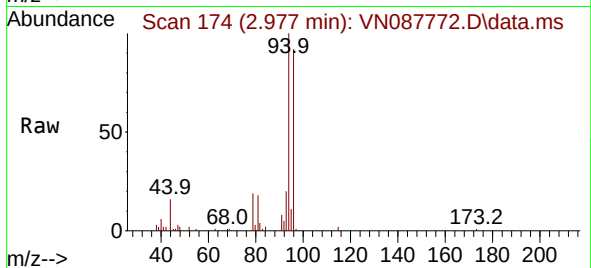




#5
Bromomethane
Concen: 17.682 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
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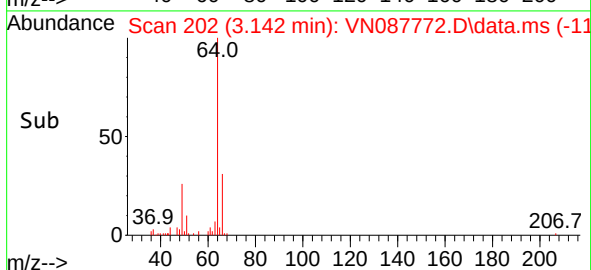
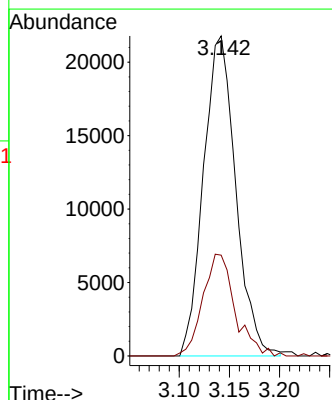
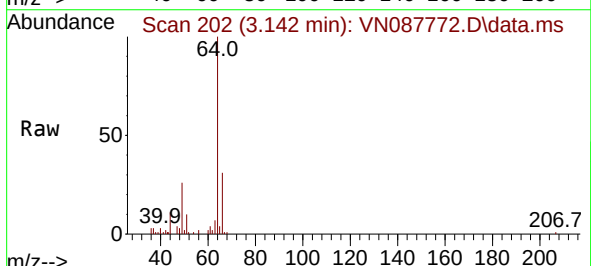
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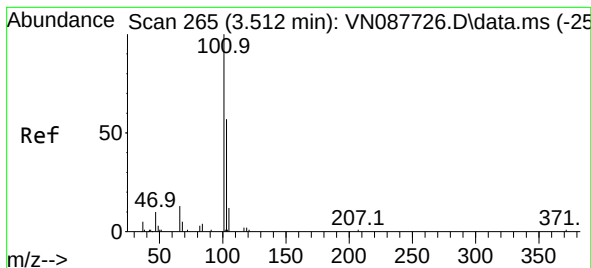
Tgt Ion: 94 Resp: 35488
Ion Ratio Lower Upper
94 100
96 91.7 72.2 108.4



#6
Chloroethane
Concen: 20.857 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 64 Resp: 48769
Ion Ratio Lower Upper
64 100
66 30.6 32.8 49.2#

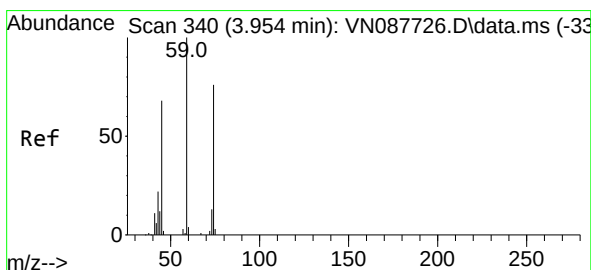
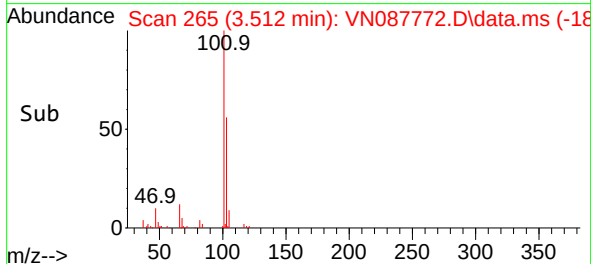
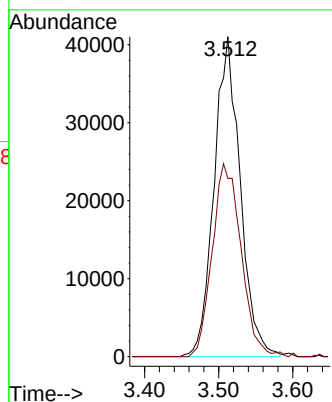
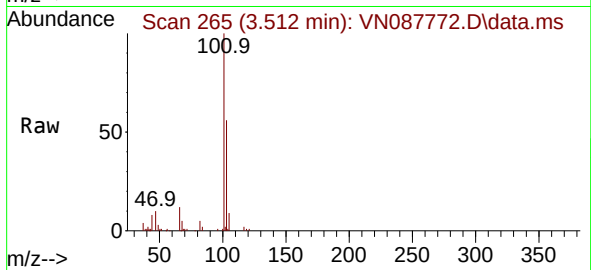




#7
 Trichlorofluoromethane
 Concen: 20.037 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
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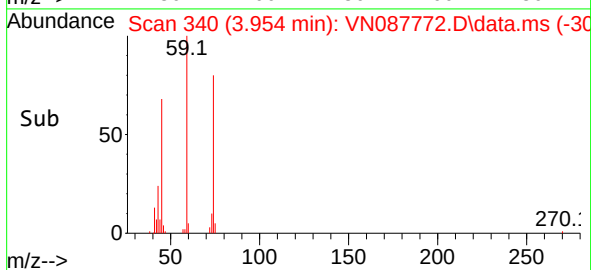
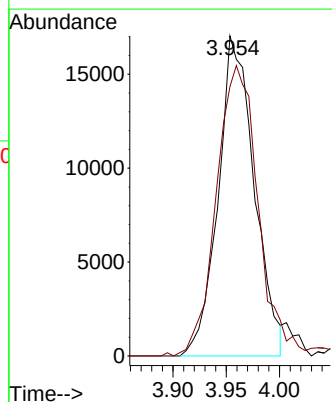
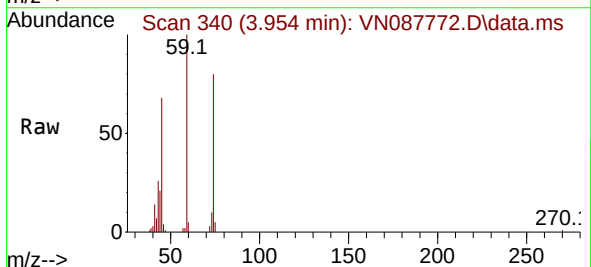
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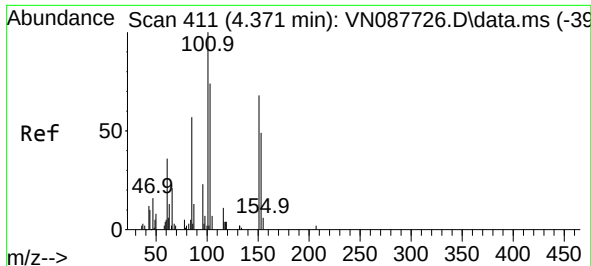
Tgt Ion:101 Resp: 100480
 Ion Ratio Lower Upper
 101 100
 103 55.7 45.7 68.5



#8
 Diethyl Ether
 Concen: 18.939 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.000 min
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 Acq: 09 Sep 2025 14:43

Tgt Ion: 74 Resp: 40104
 Ion Ratio Lower Upper
 74 100
 45 104.4 20.4 183.8

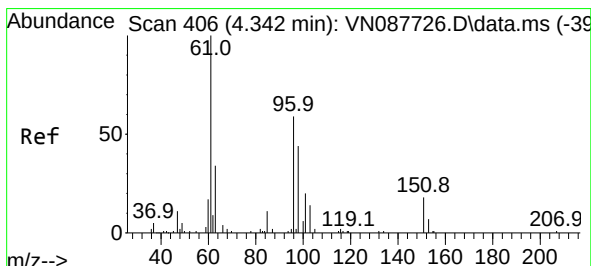
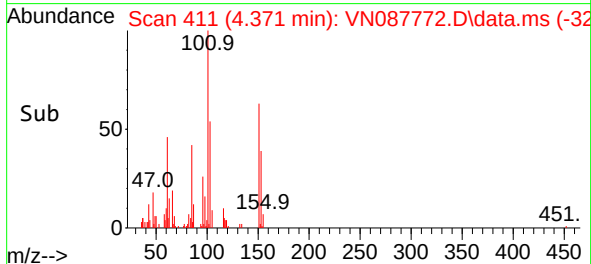
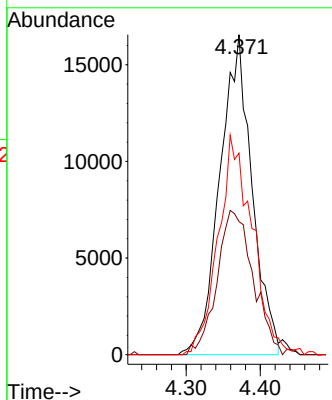
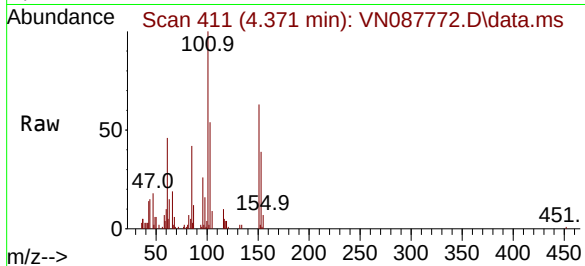




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.317 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
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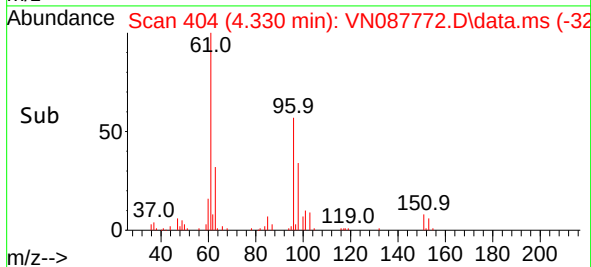
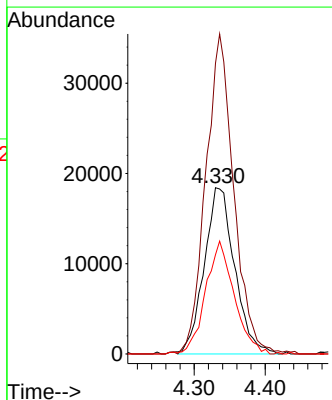
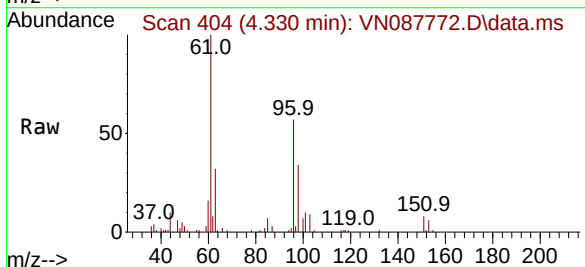
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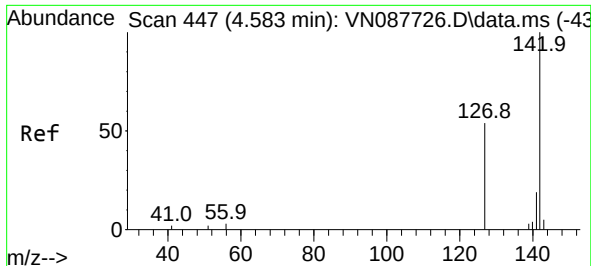
Tgt Ion:101 Resp: 49751
 Ion Ratio Lower Upper
 101 100
 85 50.7 0.0 95.6
 151 72.8 0.0 85.8



#10
 1,1-Dichloroethene
 Concen: 19.556 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.012 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion: 96 Resp: 54763
 Ion Ratio Lower Upper
 96 100
 61 174.7 135.9 203.9
 98 58.7 59.2 88.8#

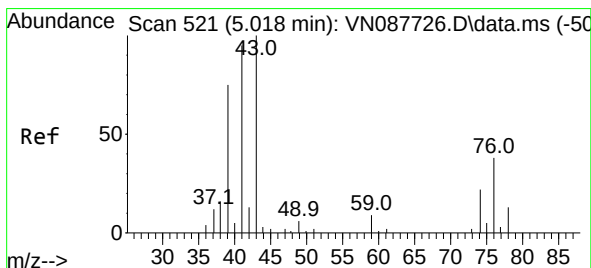
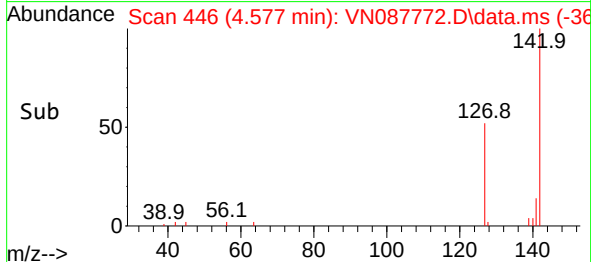
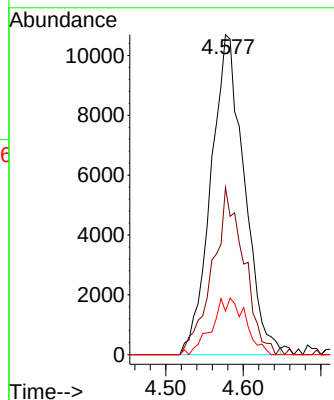
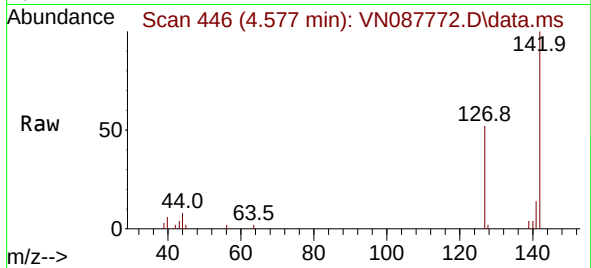




#11
Methyl Iodide
Concen: 16.131 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

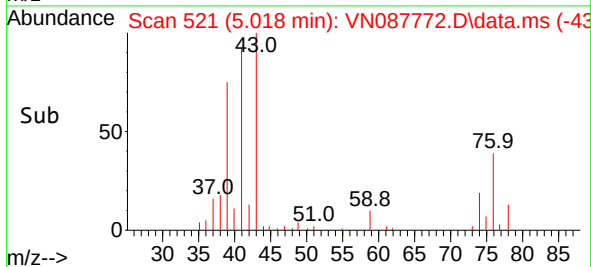
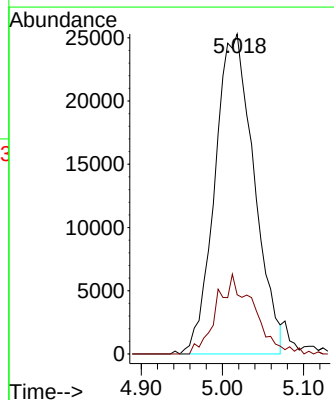
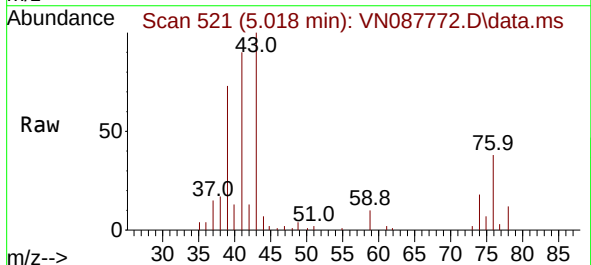
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

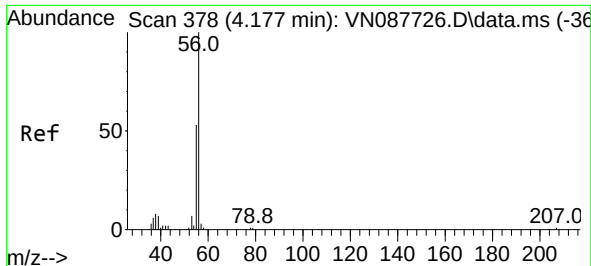
Tgt Ion:142 Resp: 31976
Ion Ratio Lower Upper
142 100
127 51.7 27.9 83.7
141 13.7 9.6 28.8



#12
Methyl Acetate
Concen: 19.621 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 43 Resp: 84698
Ion Ratio Lower Upper
43 100
74 18.1 17.5 26.3





#13

Acrolein

Concen: 0.451 ug/l

RT: 3.812 min Scan# 316

Delta R.T. -0.365 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

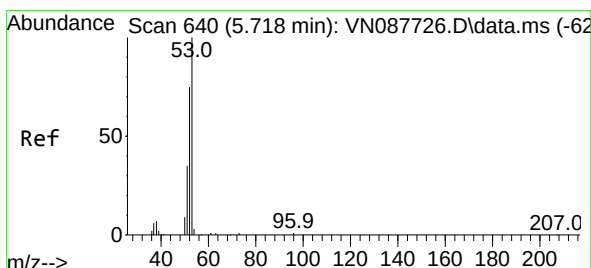
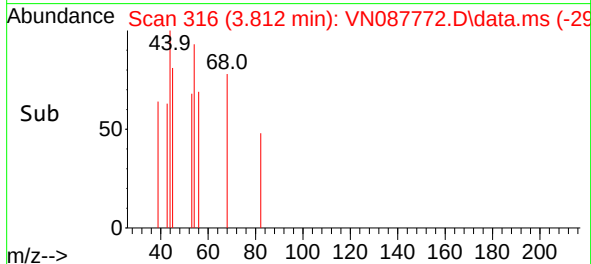
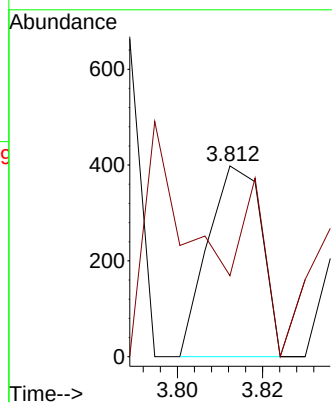
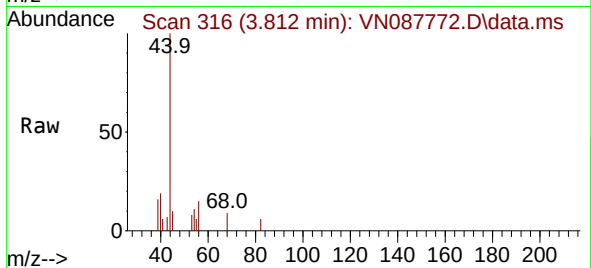
VSTDCCC020EC

Tgt Ion: 56 Resp: 347

Ion Ratio Lower Upper

56 100

55 38.0 28.6 42.8



#14

Acrylonitrile

Concen: 95.965 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

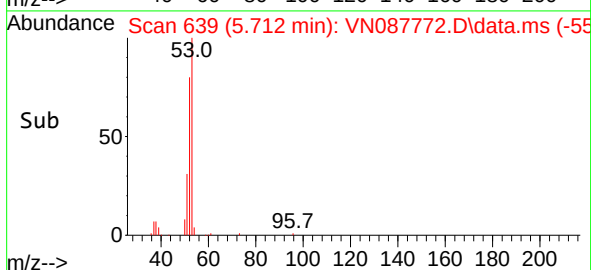
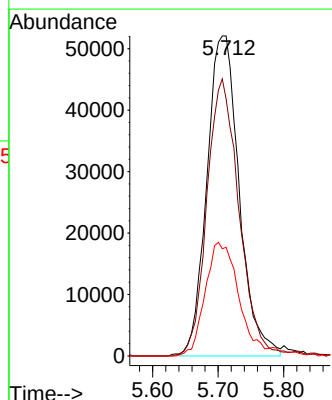
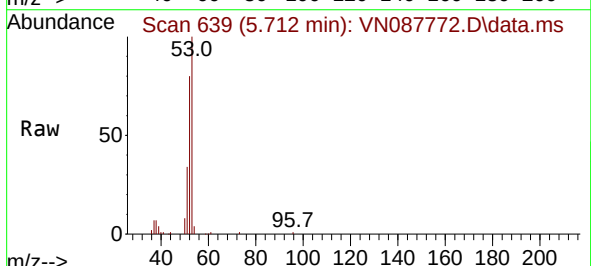
Tgt Ion: 53 Resp: 178309

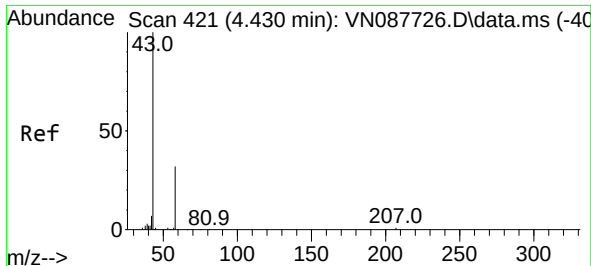
Ion Ratio Lower Upper

53 100

52 85.7 40.9 122.7

51 36.4 18.1 54.1

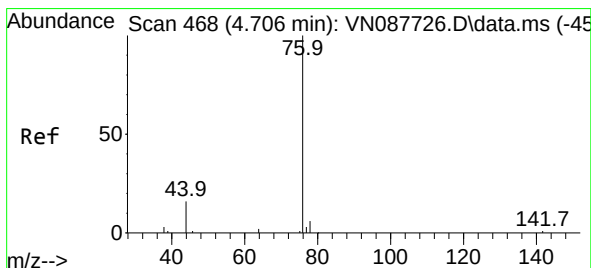
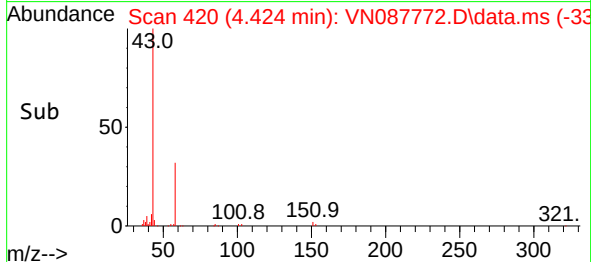
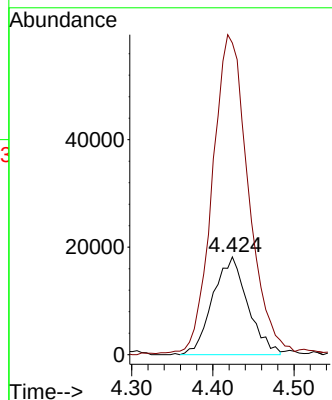
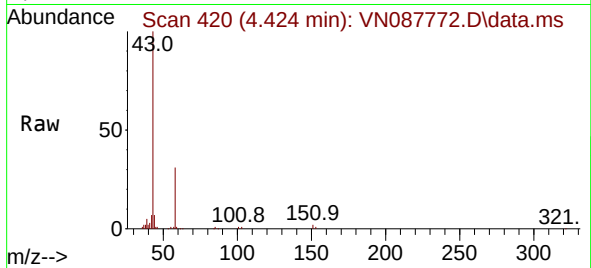




#15
Acetone
Concen: 94.038 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

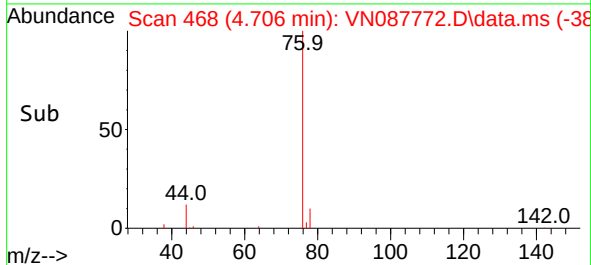
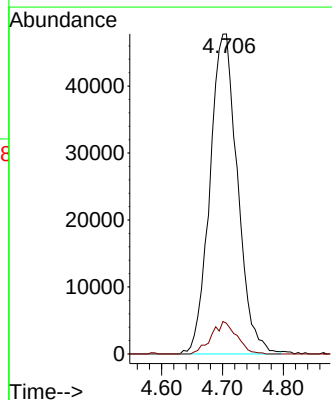
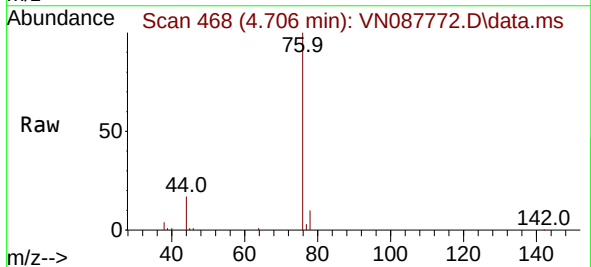
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

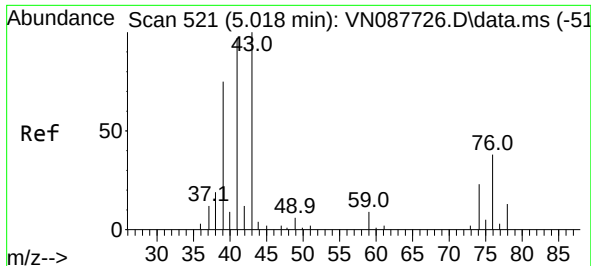
Tgt Ion: 58 Resp: 54508
Ion Ratio Lower Upper
58 100
43 315.0 250.6 376.0



#16
Carbon Disulfide
Concen: 19.620 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 76 Resp: 150852
Ion Ratio Lower Upper
76 100
78 9.6 5.0 7.6#





#17

Allyl chloride

Concen: 18.322 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

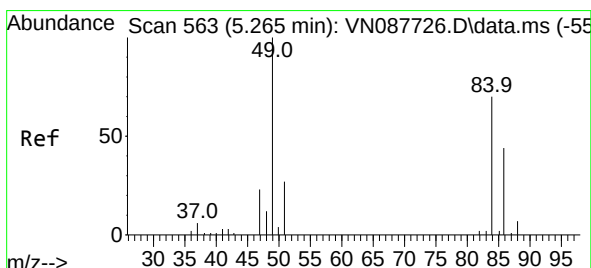
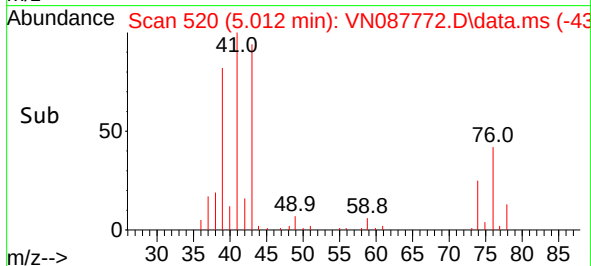
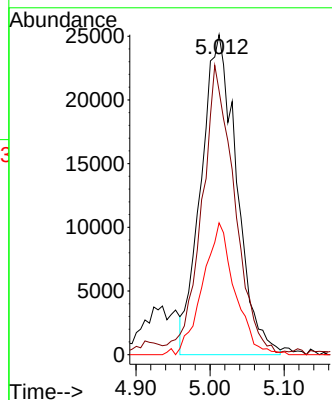
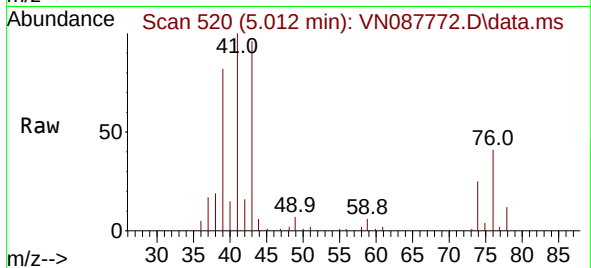
Tgt Ion: 41 Resp: 83805

Ion Ratio Lower Upper

41 100

39 82.9 36.7 110.1

76 41.2 18.3 54.8



#18

Methylene Chloride

Concen: 19.583 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Tgt Ion: 84 Resp: 62121

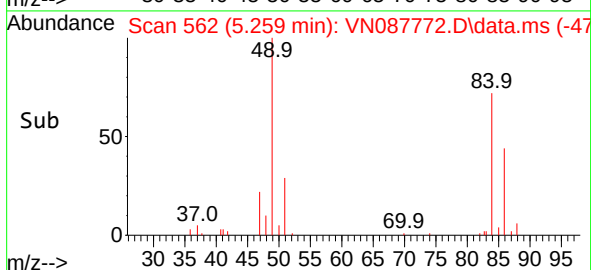
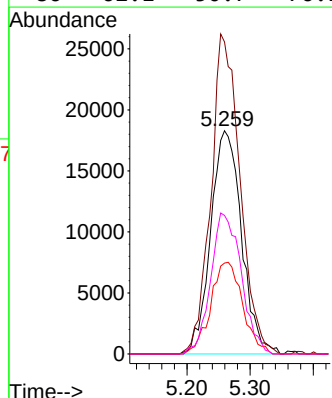
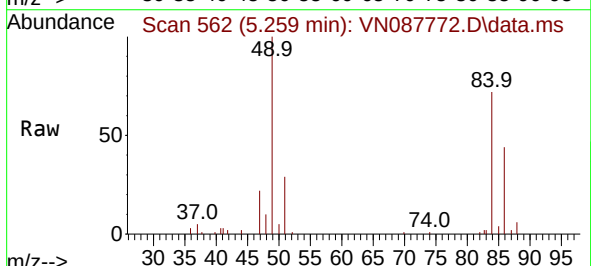
Ion Ratio Lower Upper

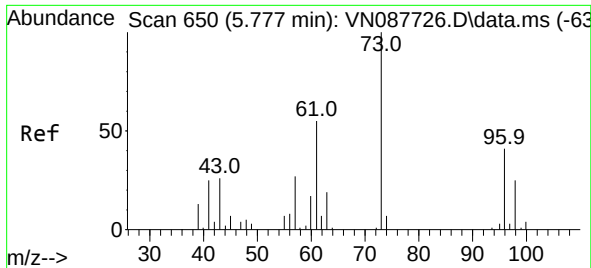
84 100

49 139.8 114.1 171.1

51 40.7 30.2 45.4

86 62.1 50.7 76.1

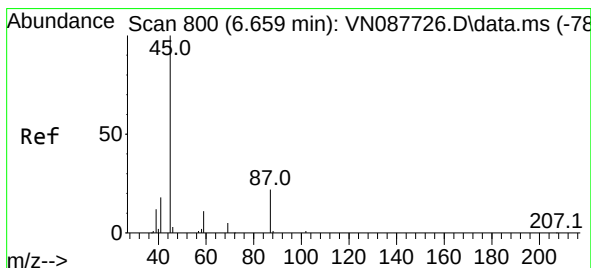
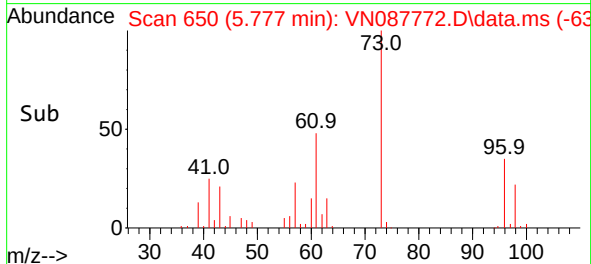
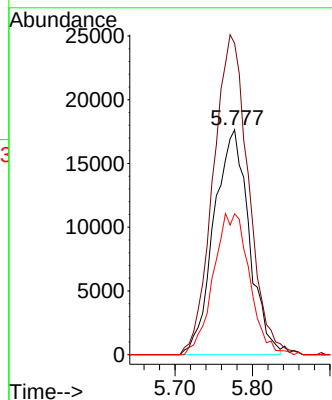
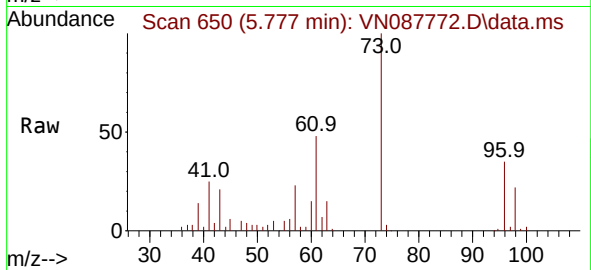




#19
trans-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

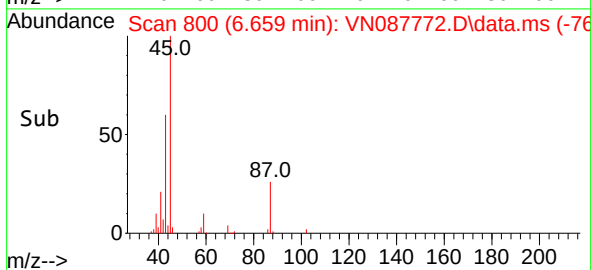
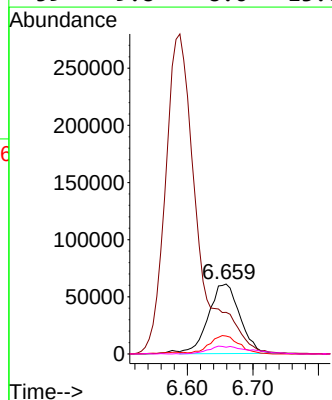
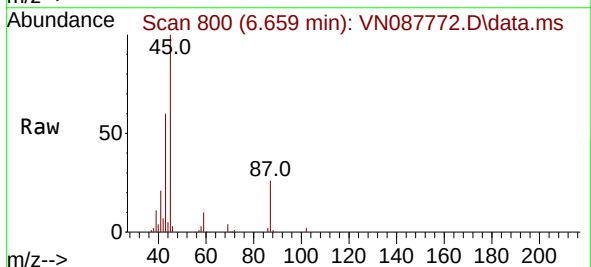
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

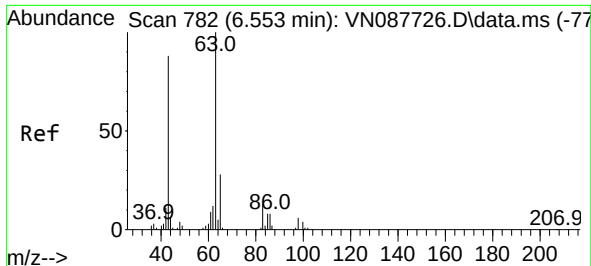
Tgt Ion: 96 Resp: 55611
Ion Ratio Lower Upper
96 100
61 138.4 106.4 159.6
98 62.6 48.9 73.3



#20
Diisopropyl ether
Concen: 19.175 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 45 Resp: 201689
Ion Ratio Lower Upper
45 100
43 58.6 49.5 74.3
87 25.8 18.8 28.2
59 9.8 8.6 13.0

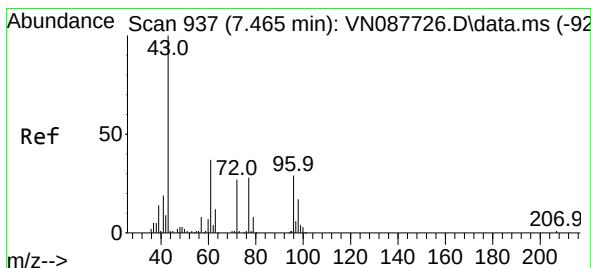
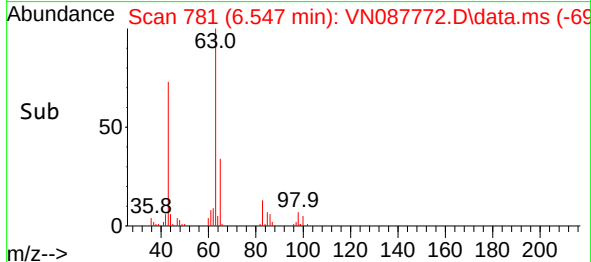
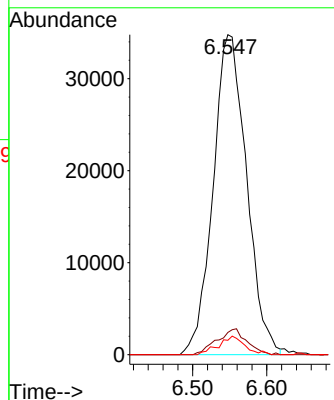
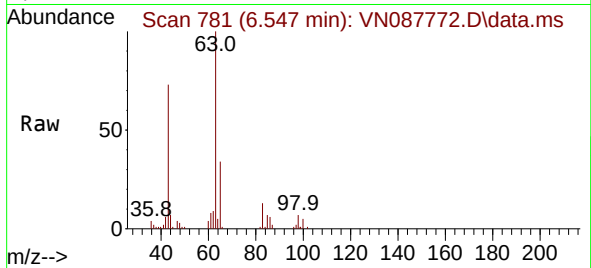




#21
1,1-Dichloroethane
Concen: 18.922 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

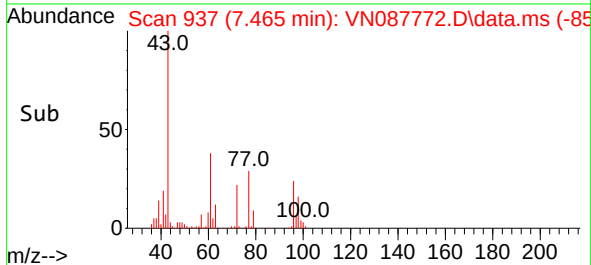
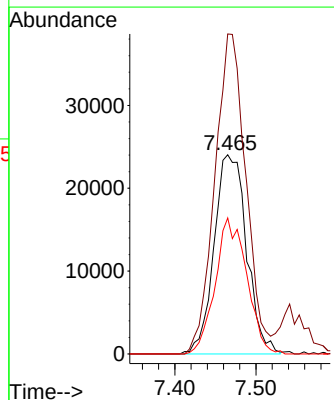
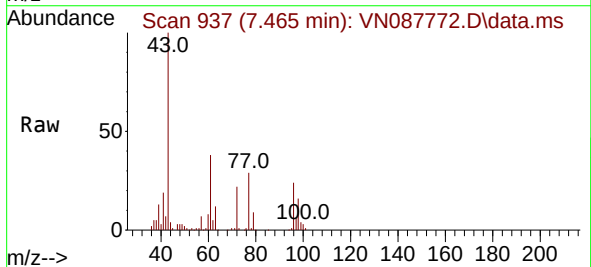
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

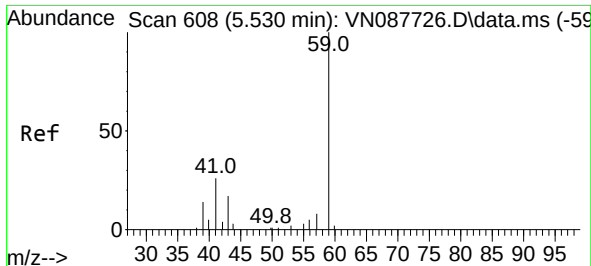
Tgt Ion: 63 Resp: 108989
Ion Ratio Lower Upper
63 100
98 7.0 2.9 8.8
100 4.5 1.8 5.3



#22
cis-1,2-Dichloroethene
Concen: 19.272 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 96 Resp: 66808
Ion Ratio Lower Upper
96 100
61 153.8 118.2 177.2
98 66.2 51.6 77.4

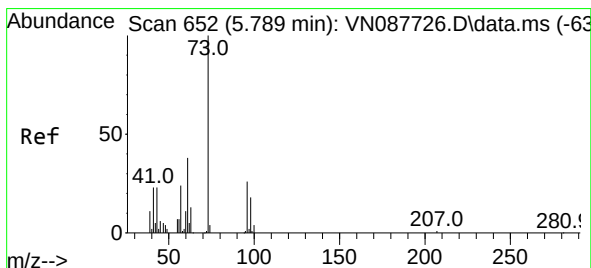
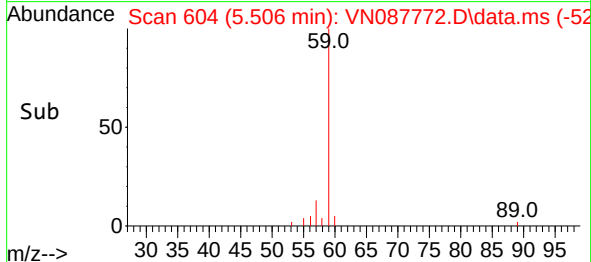
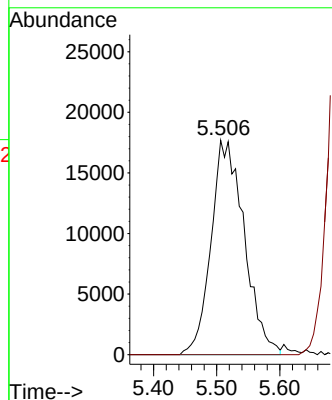
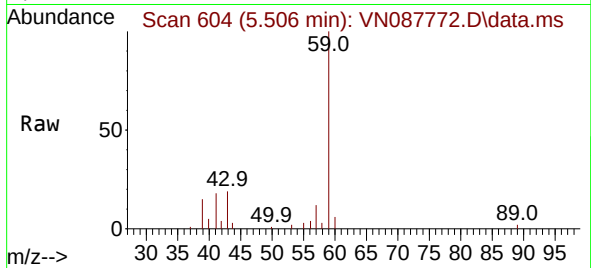




#23
 tert-Butyl Alcohol
 Concen: 98.540 ug/l
 RT: 5.506 min Scan# 608
 Delta R.T. -0.024 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

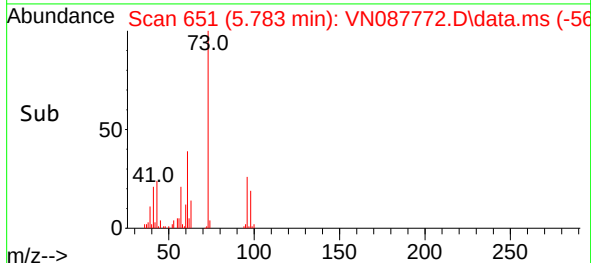
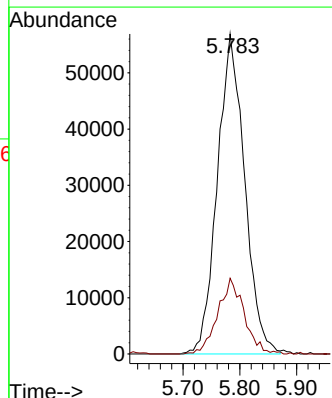
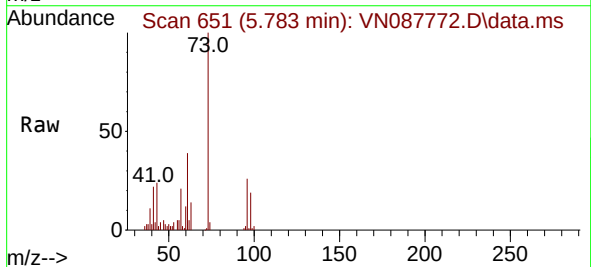
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

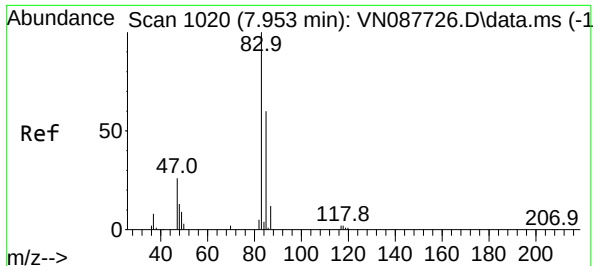
Tgt Ion: 59 Resp: 64723
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 19.002 ug/l
 RT: 5.783 min Scan# 651
 Delta R.T. -0.006 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion: 73 Resp: 189972
 Ion Ratio Lower Upper
 73 100
 43 22.1 16.8 25.2





#25

Chloroform

Concen: 20.021 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

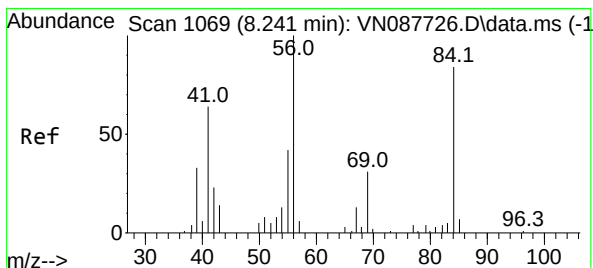
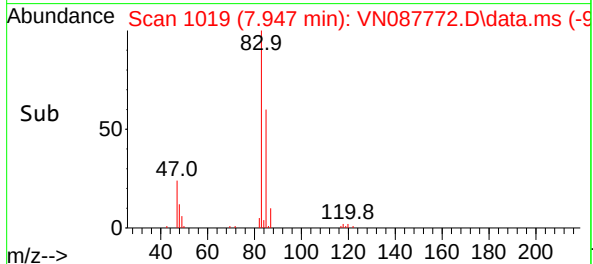
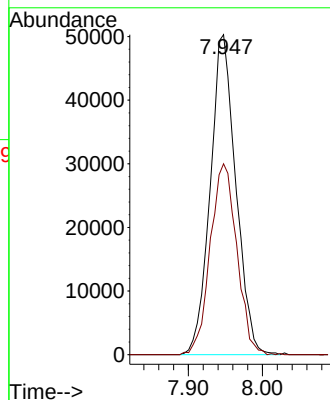
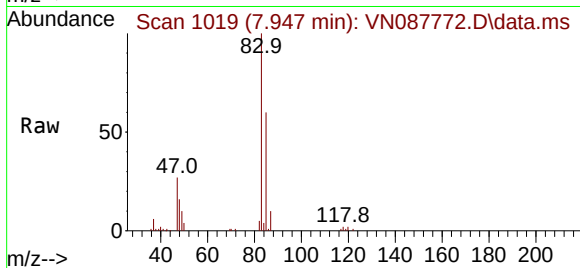
VSTDCCC020EC

Tgt Ion: 83 Resp: 120711

Ion Ratio Lower Upper

83 100

85 59.7 47.7 71.5



#26

Cyclohexane

Concen: 18.617 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

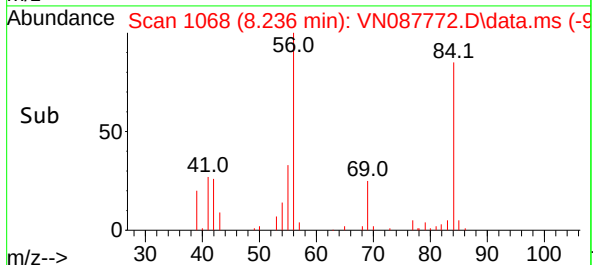
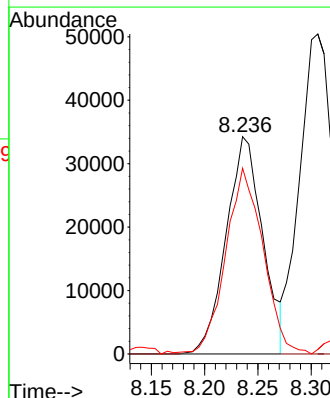
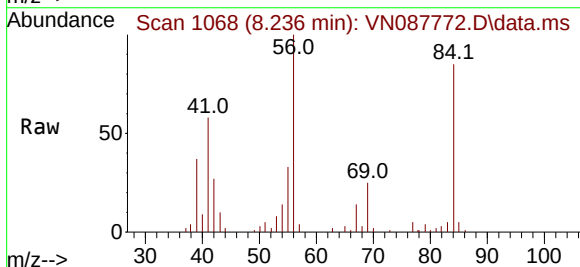
Tgt Ion: 56 Resp: 81663

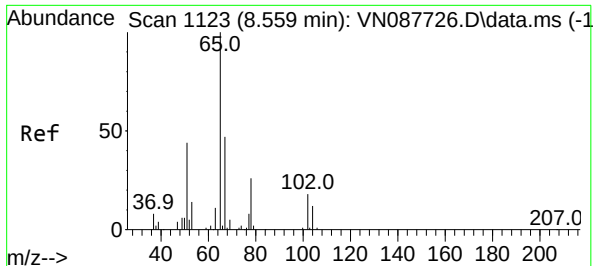
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.2 69.4 104.2

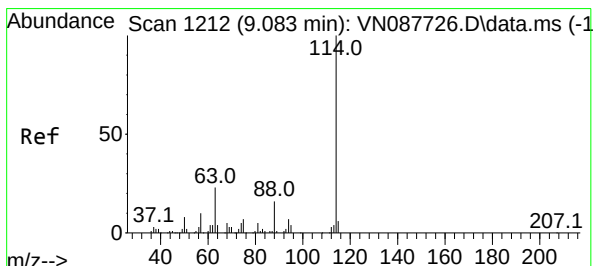
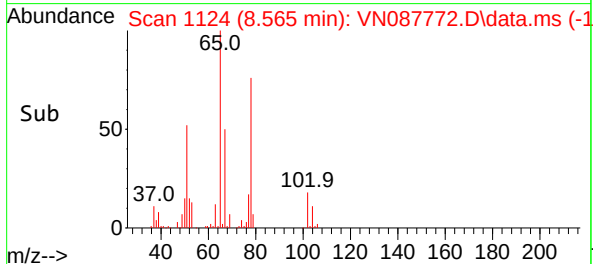
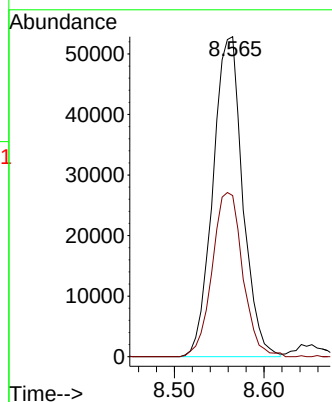
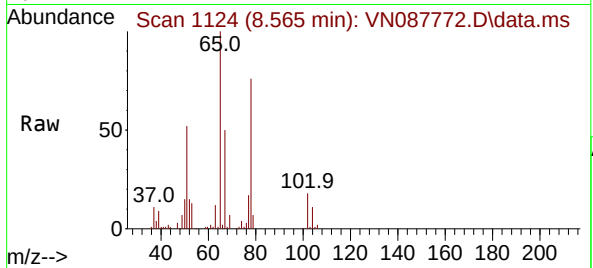




#27
 1,2-Dichloroethane-d4
 Concen: 30.743 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

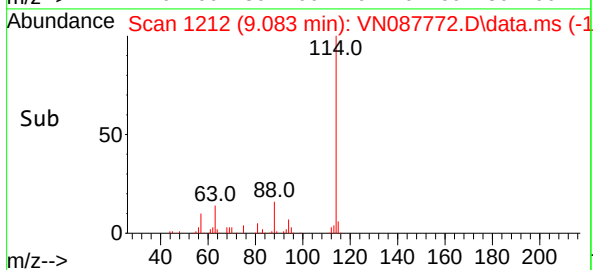
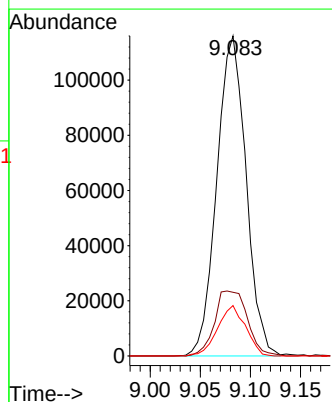
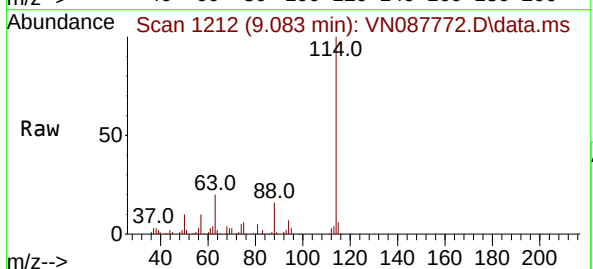
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 VSTDCCC020EC

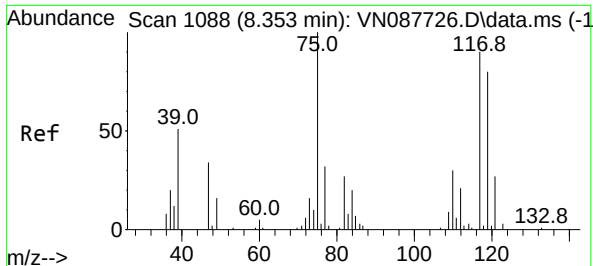
Tgt Ion: 65 Resp: 121820
 Ion Ratio Lower Upper
 65 100
 67 52.3 39.6 59.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion: 114 Resp: 235607
 Ion Ratio Lower Upper
 114 100
 63 22.8 18.3 27.5
 88 15.0 12.4 18.6





#29

1,1-Dichloropropene

Concen: 19.610 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

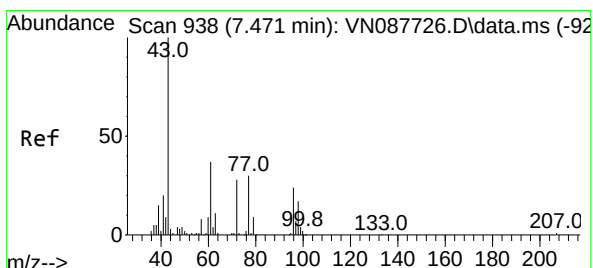
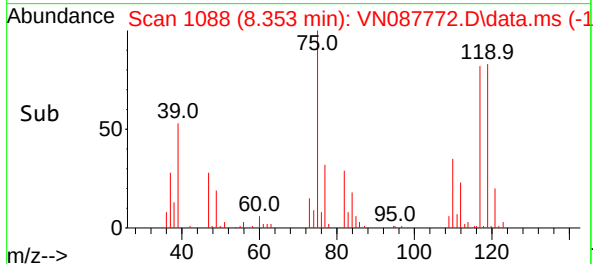
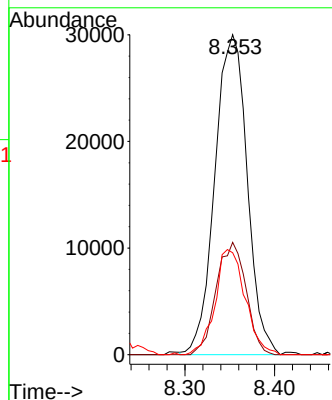
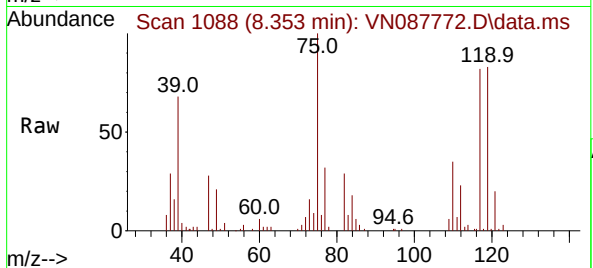
Tgt Ion: 75 Resp: 75089

Ion Ratio Lower Upper

75 100

110 32.4 0.0 64.4

77 30.7 0.0 62.2



#30

2-Butanone

Concen: 99.937 ug/l

RT: 7.465 min Scan# 937

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

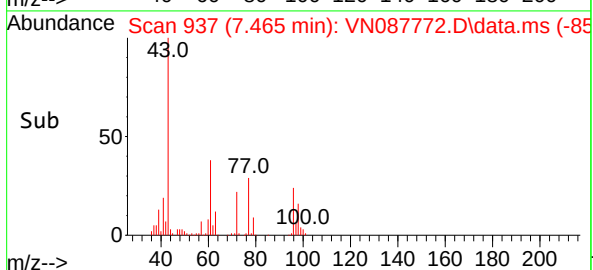
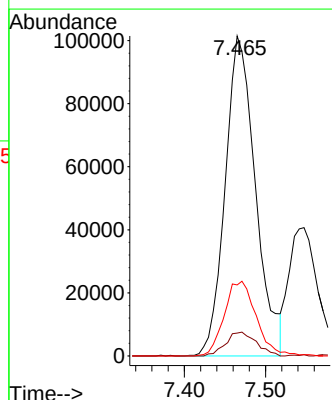
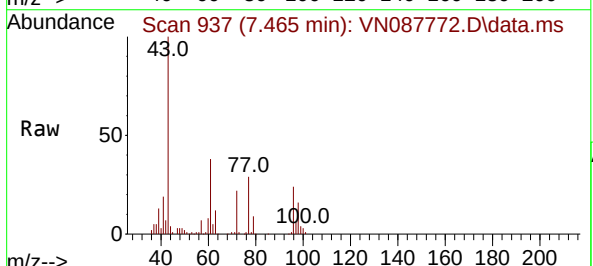
Tgt Ion: 43 Resp: 263606

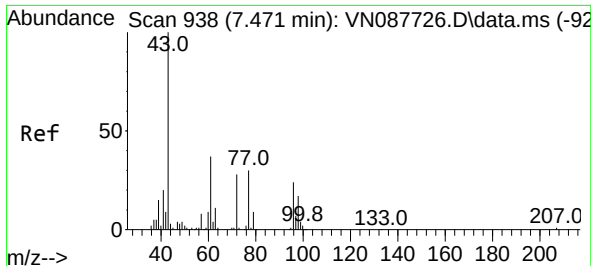
Ion Ratio Lower Upper

43 100

57 7.5 6.3 9.5

72 24.5 21.4 32.2

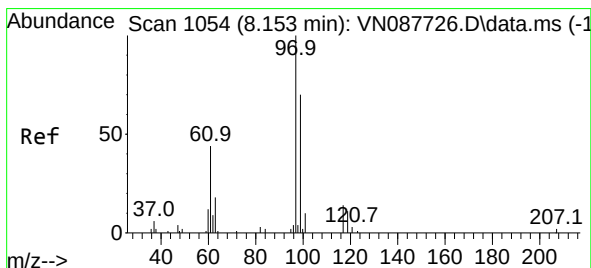
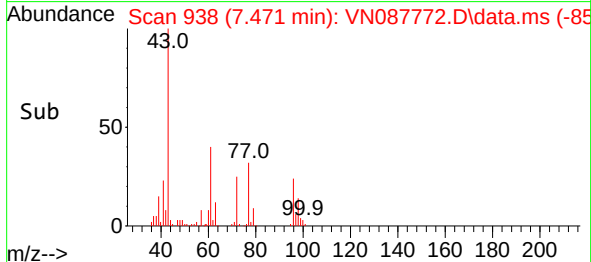
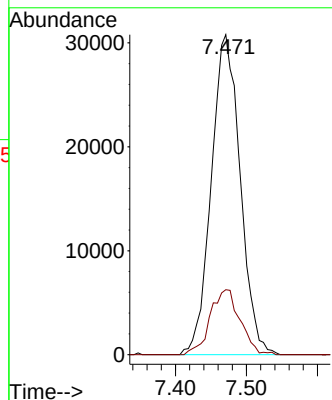
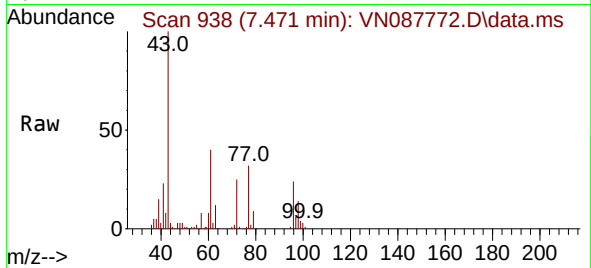




#31
2,2-Dichloropropane
Concen: 18.846 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

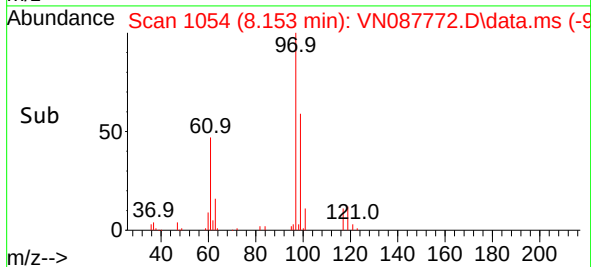
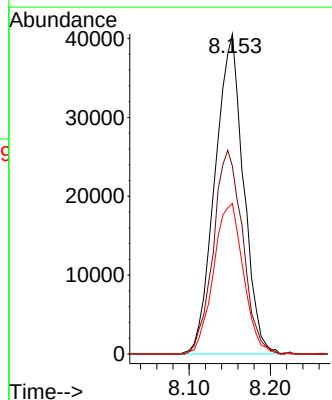
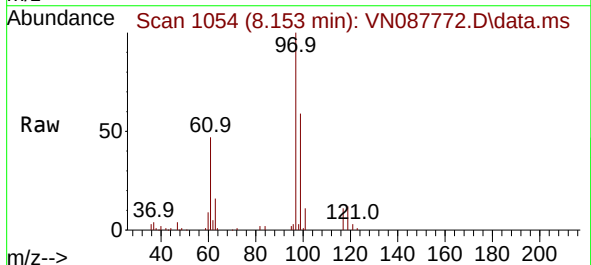
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

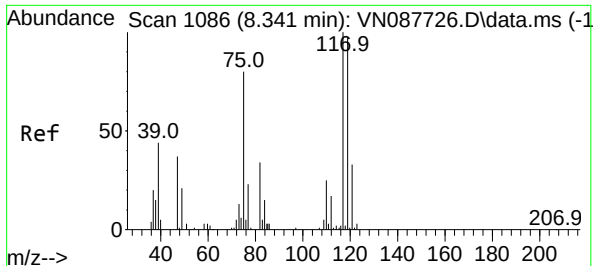
Tgt Ion: 77 Resp: 86986
Ion Ratio Lower Upper
77 100
97 20.8 17.1 25.7



#32
1,1,1-Trichloroethane
Concen: 20.396 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 97 Resp: 99010
Ion Ratio Lower Upper
97 100
99 65.7 52.2 78.4
61 49.3 37.9 56.9

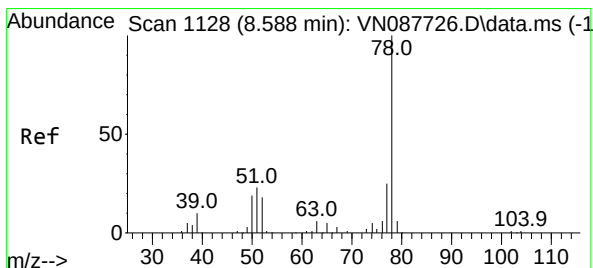
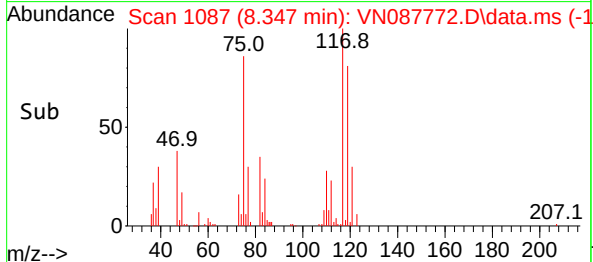
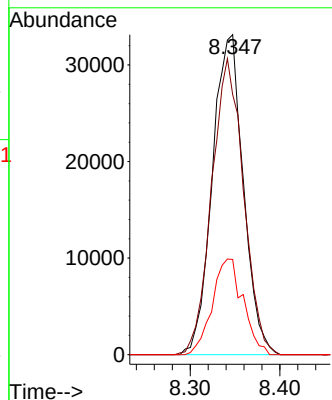
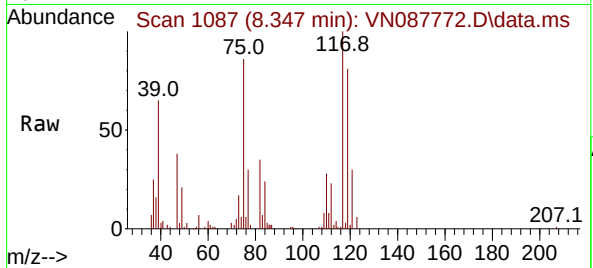




#33
Carbon Tetrachloride
Concen: 19.609 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

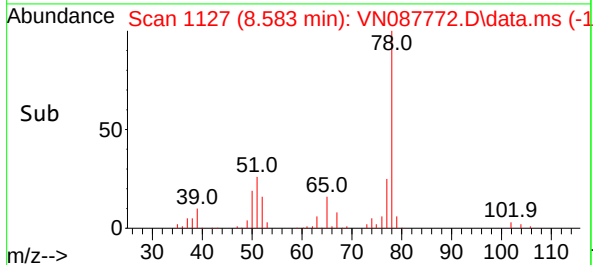
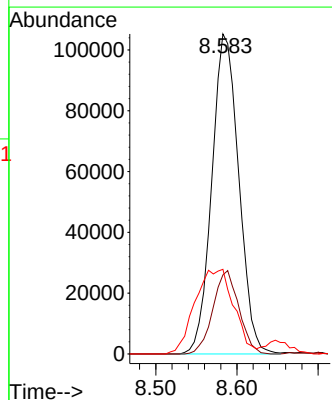
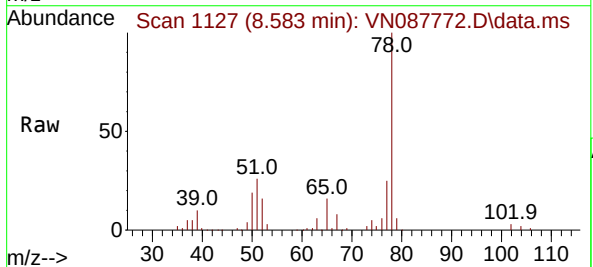
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

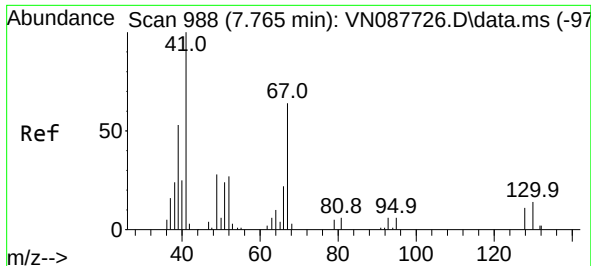
Tgt Ion:117 Resp: 79372
Ion Ratio Lower Upper
117 100
119 81.3 77.3 115.9
121 29.7 26.6 39.8



#34
Benzene
Concen: 19.610 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 78 Resp: 242680
Ion Ratio Lower Upper
78 100
77 24.7 20.3 30.5
51 23.1 18.0 27.0

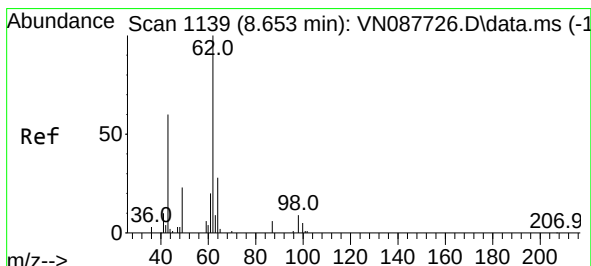
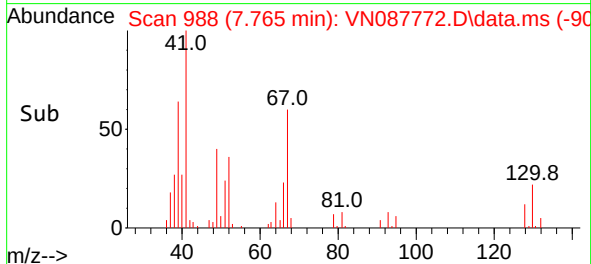
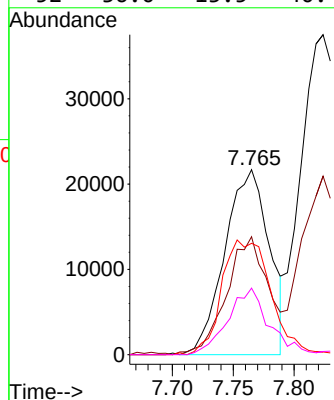
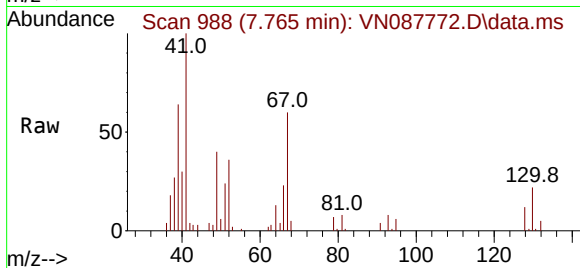




#35
Methacrylonitrile
Concen: 19.993 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

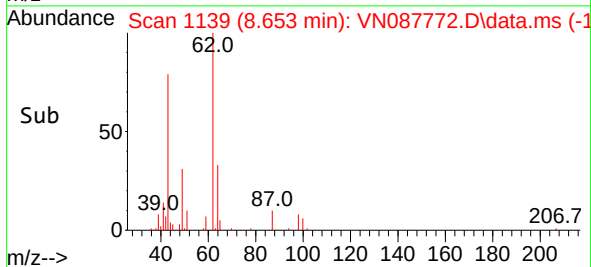
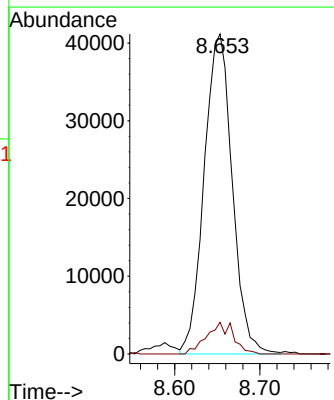
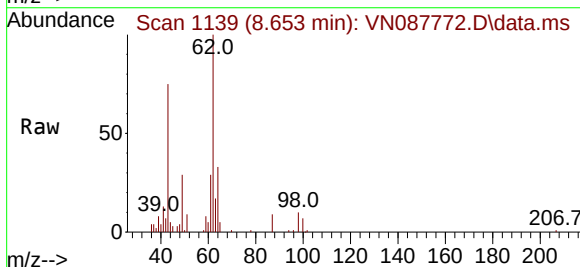
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

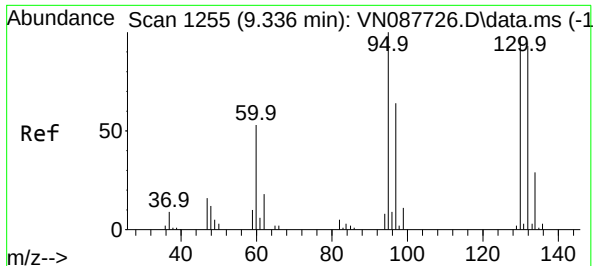
Tgt Ion:	41	Resp:	55160
Ion	Ratio	Lower	Upper
41	100		
39	62.2	27.1	81.2
67	59.2	32.1	96.5
52	36.0	13.5	40.4



#36
1,2-Dichloroethane
Concen: 20.173 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion:	62	Resp:	94295
Ion	Ratio	Lower	Upper
62	100		
98	6.5	7.2	10.8





#37

Trichloroethene

Concen: 18.611 ug/l

RT: 9.330 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

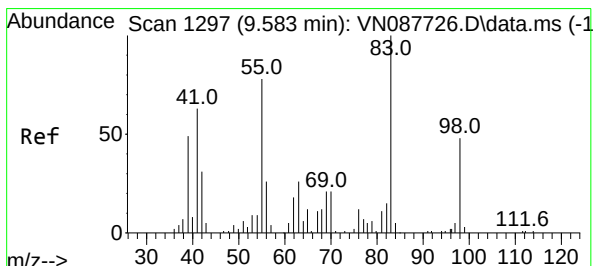
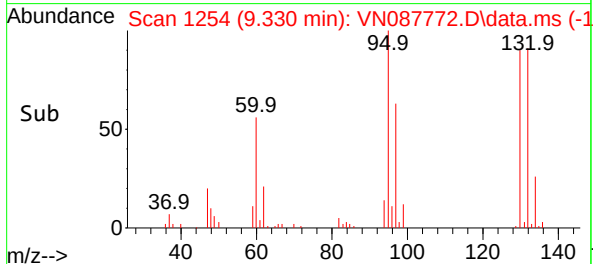
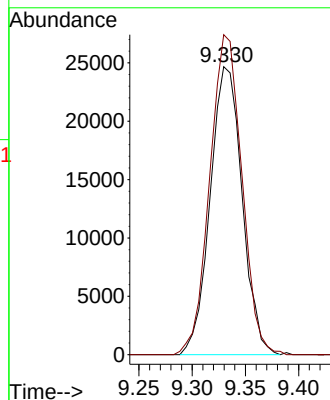
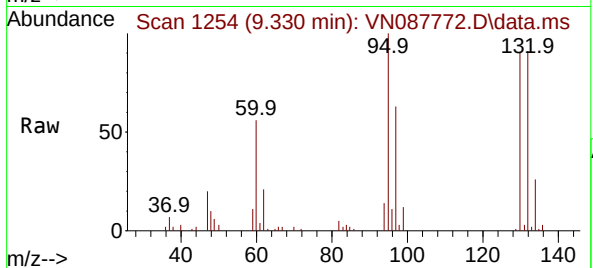
VSTDCCC020EC

Tgt Ion:130 Resp: 51485

Ion Ratio Lower Upper

130 100

95 109.9 82.7 124.1



#38

Methylcyclohexane

Concen: 18.434 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

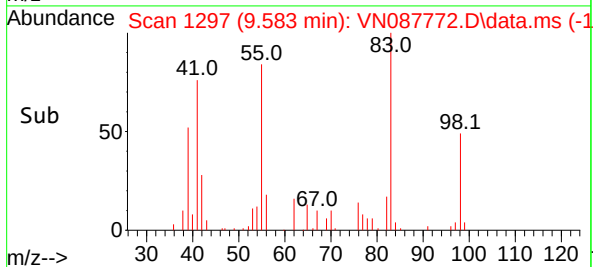
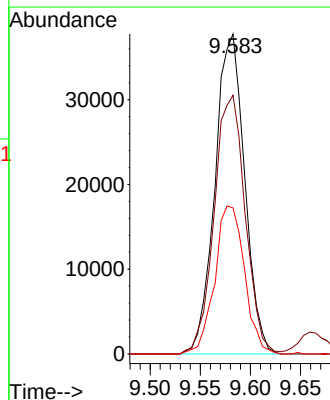
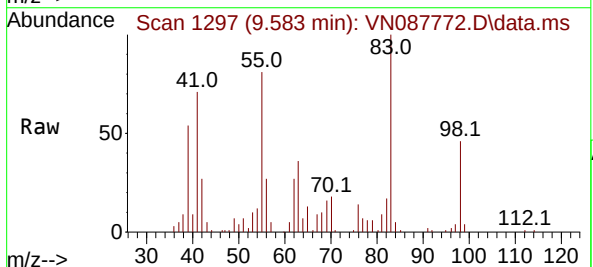
Tgt Ion: 83 Resp: 77723

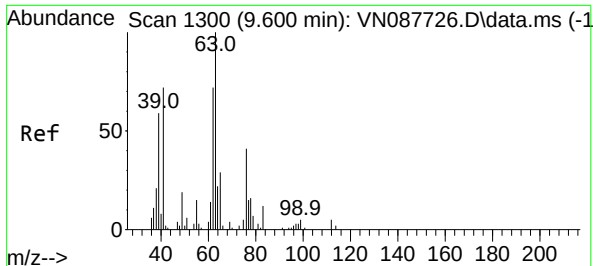
Ion Ratio Lower Upper

83 100

55 84.7 40.4 121.1

98 46.4 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.896 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

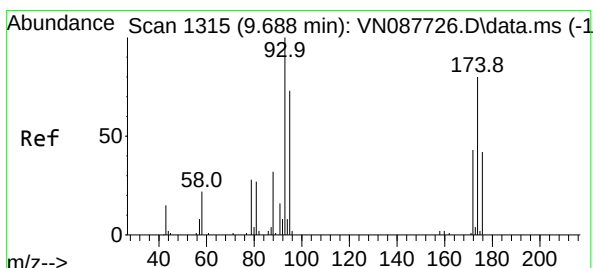
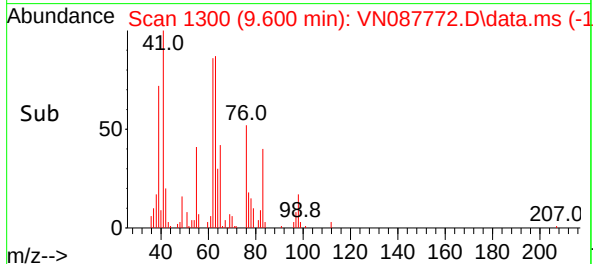
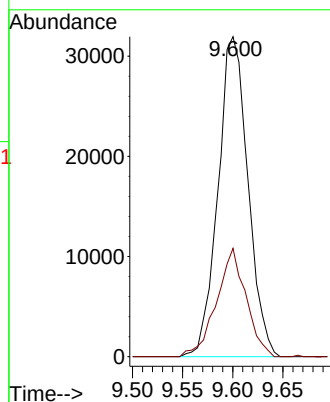
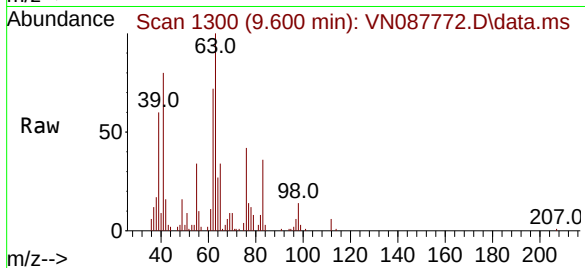
VSTDCCC020EC

Tgt Ion: 63 Resp: 66230

Ion Ratio Lower Upper

63 100

65 33.9 24.1 36.1



#40

Dibromomethane

Concen: 20.225 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

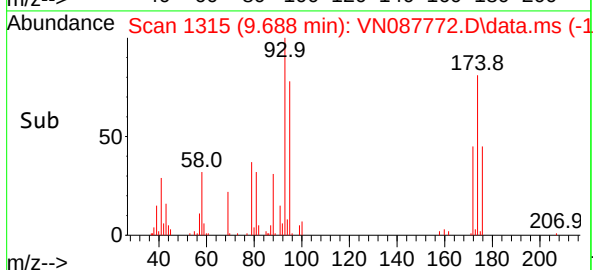
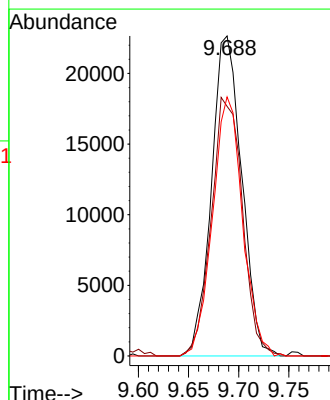
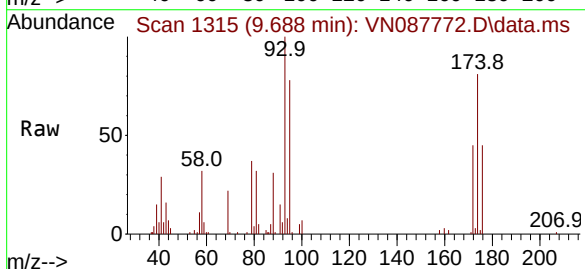
Tgt Ion: 93 Resp: 47705

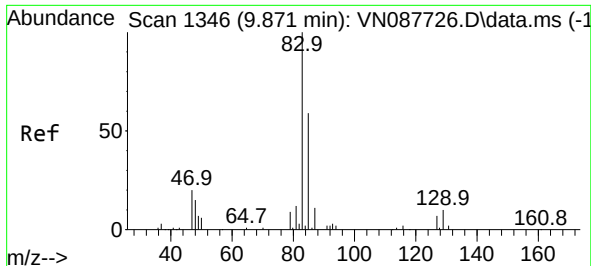
Ion Ratio Lower Upper

93 100

95 82.6 0.0 168.4

174 79.9 0.0 162.8

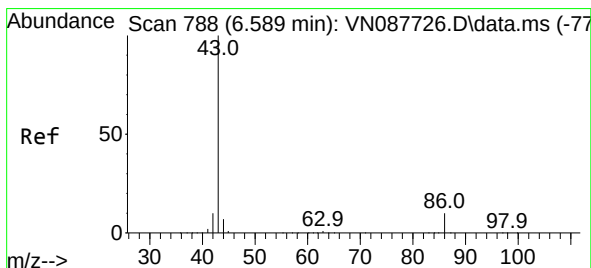
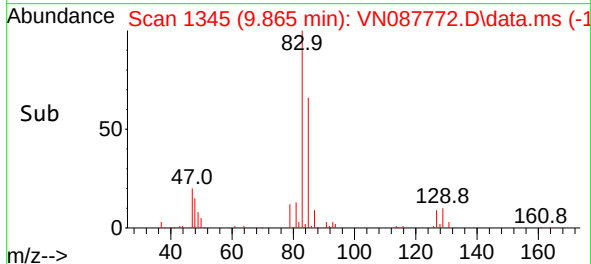
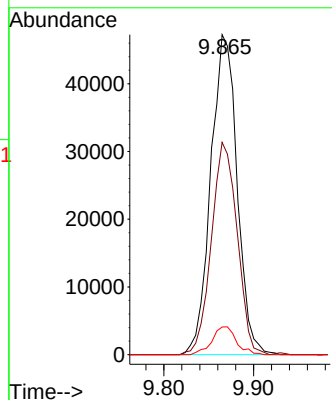
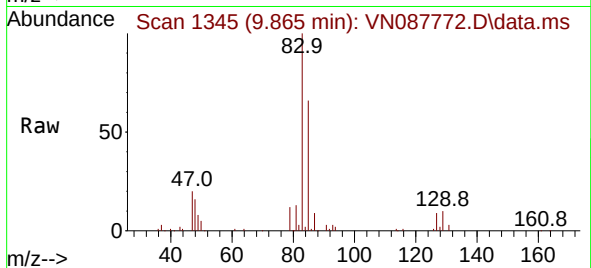




#41
Bromodichloromethane
Concen: 19.942 ug/l
RT: 9.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

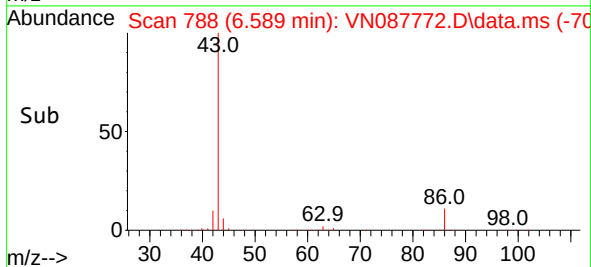
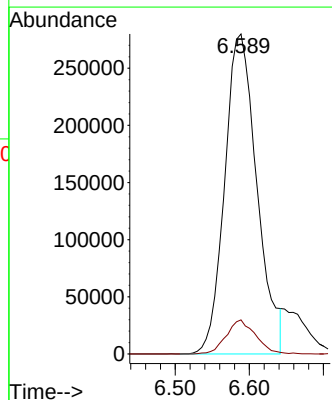
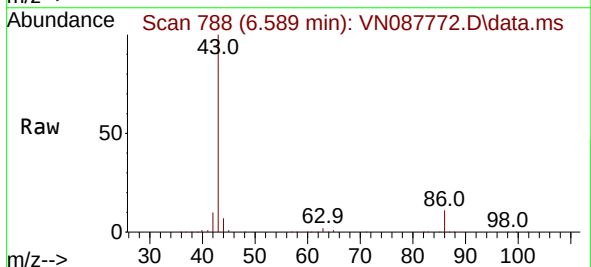
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

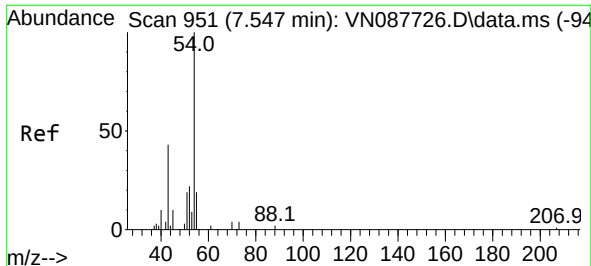
Tgt Ion: 83 Resp: 96141
Ion Ratio Lower Upper
83 100
85 66.3 47.3 70.9
127 8.7 5.2 7.8#



#42
Vinyl Acetate
Concen: 96.079 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 43 Resp: 846751
Ion Ratio Lower Upper
43 100
86 9.7 7.7 11.5

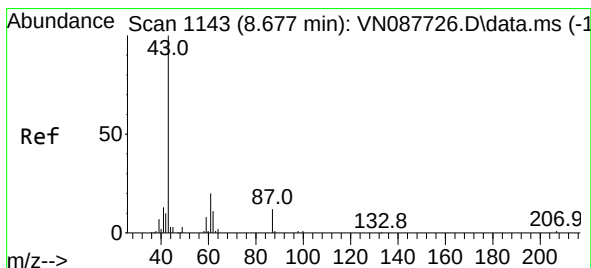
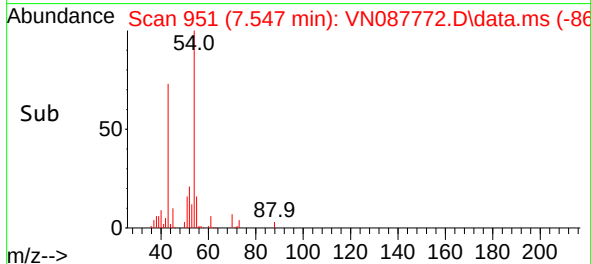
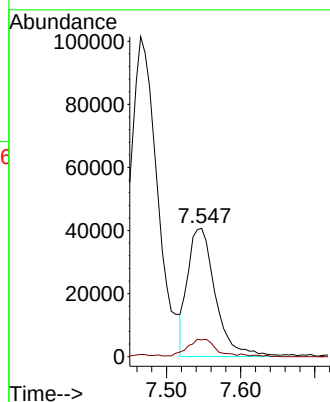
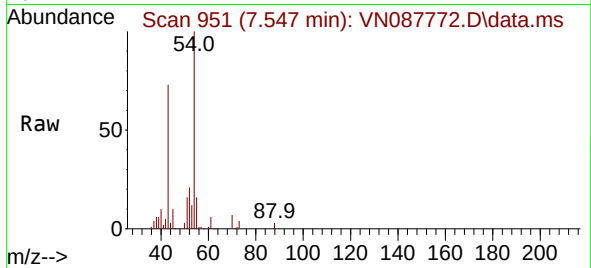




#43
Ethyl Acetate
Concen: 19.546 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

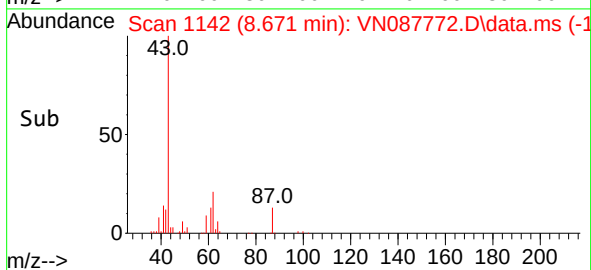
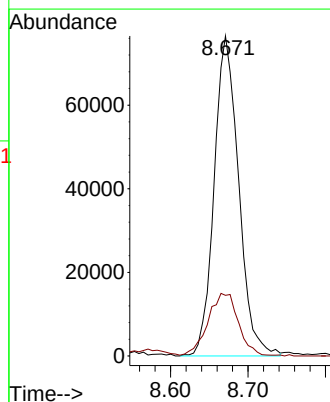
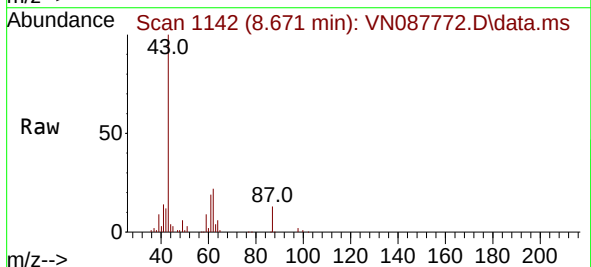
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

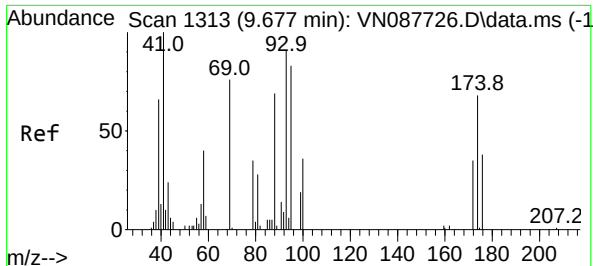
Tgt Ion: 43 Resp: 105335
Ion Ratio Lower Upper
43 100
45 13.7 10.5 15.7



#44
Isopropyl Acetate
Concen: 19.921 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 43 Resp: 168300
Ion Ratio Lower Upper
43 100
61 24.3 19.5 29.3





#45

1,4-Dioxane

Concen: 419.268 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

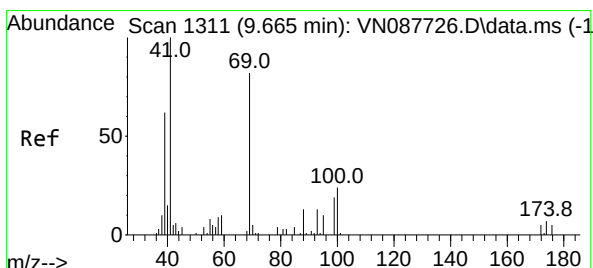
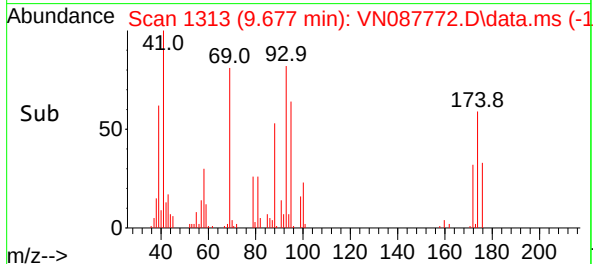
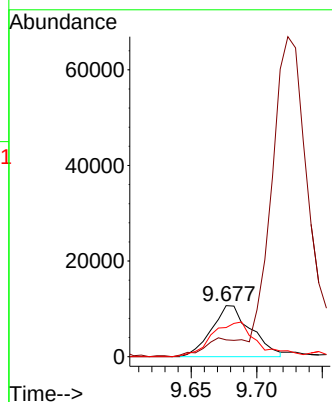
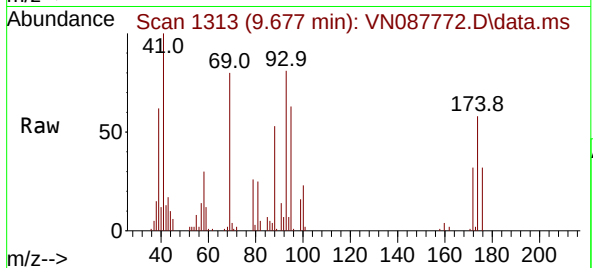
Tgt Ion: 88 Resp: 22338

Ion Ratio Lower Upper

88 100

43 27.9 23.6 35.4

58 69.5 60.5 90.7



#46

Methyl methacrylate

Concen: 19.550 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

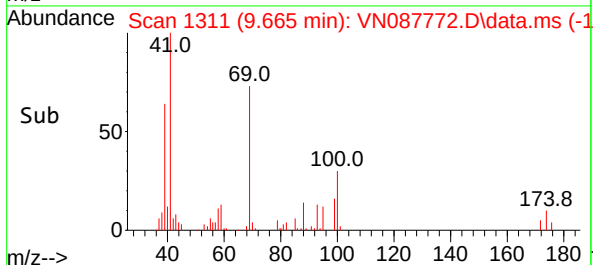
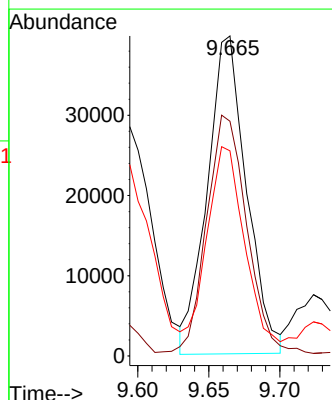
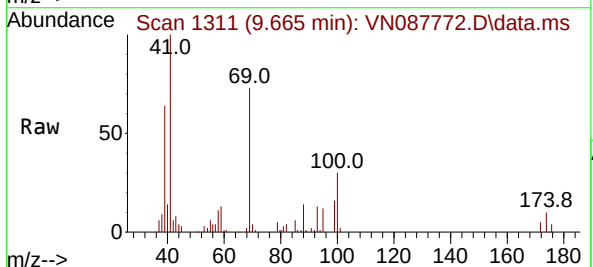
Tgt Ion: 41 Resp: 76130

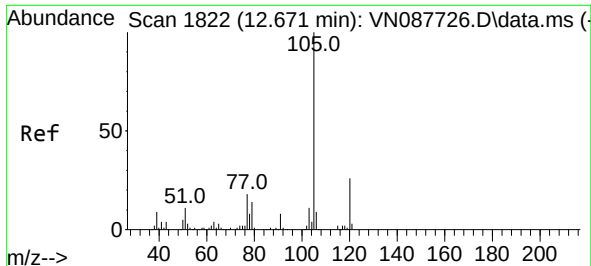
Ion Ratio Lower Upper

41 100

69 75.5 40.3 120.9

39 63.9 31.9 95.9

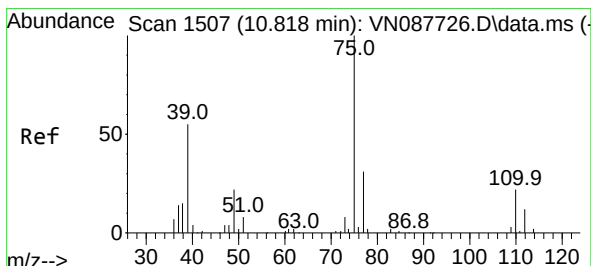
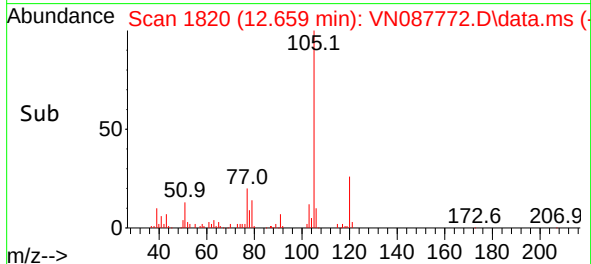
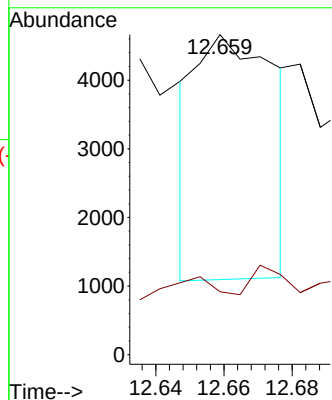
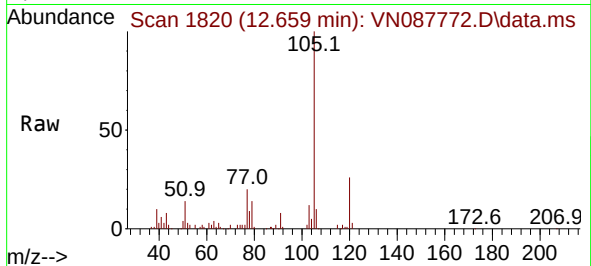




#47
n-amy1 Acetate
Concen: 1.003 ug/l
RT: 12.659 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

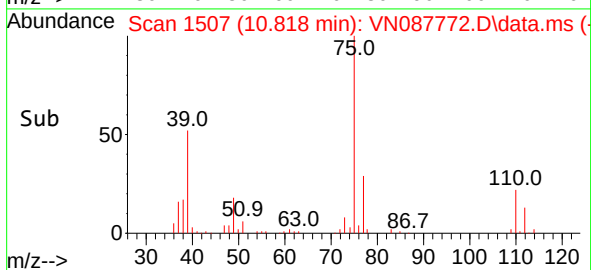
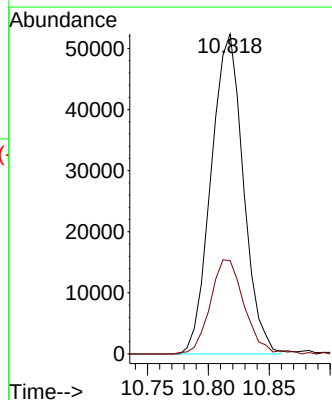
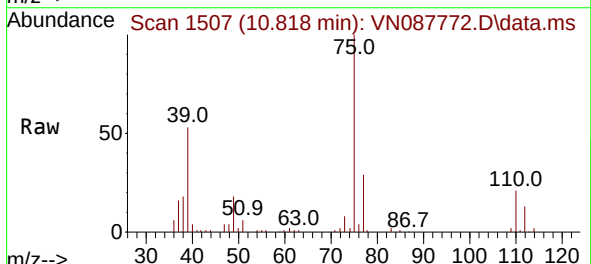
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

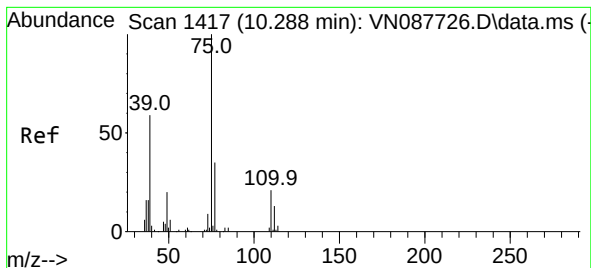
Tgt Ion: 43 Resp: 5728
Ion Ratio Lower Upper
43 100
55 25.9 0.7 1.1#



#48
t-1,3-Dichloropropene
Concen: 19.244 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 75 Resp: 96357
Ion Ratio Lower Upper
75 100
77 28.8 24.7 37.1

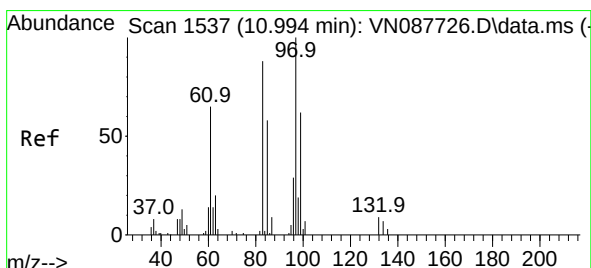
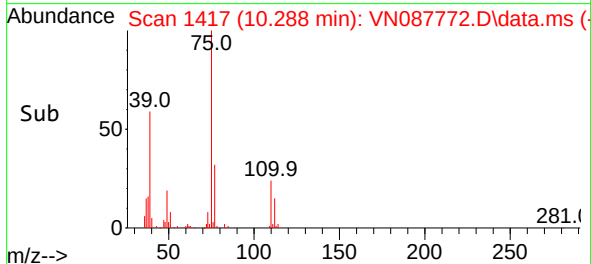
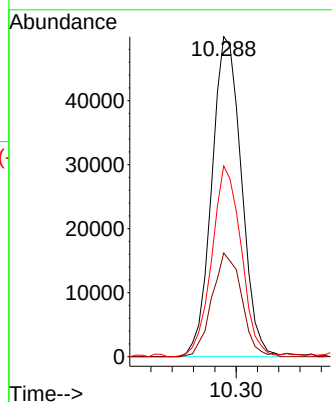
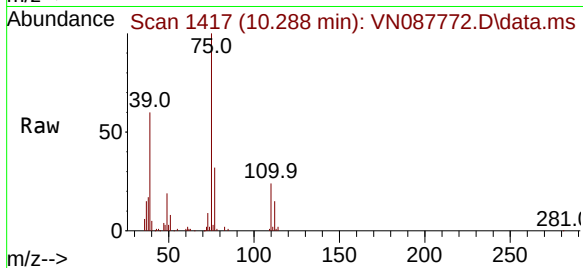




#49
 cis-1,3-Dichloropropene
 Concen: 18.842 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

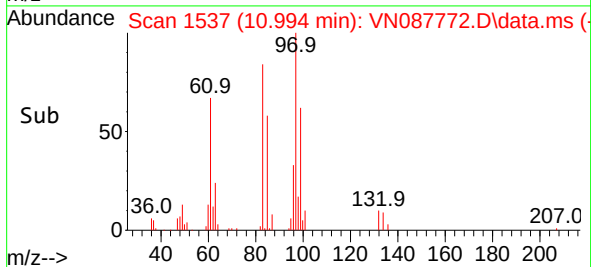
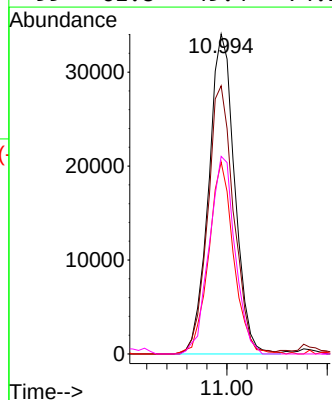
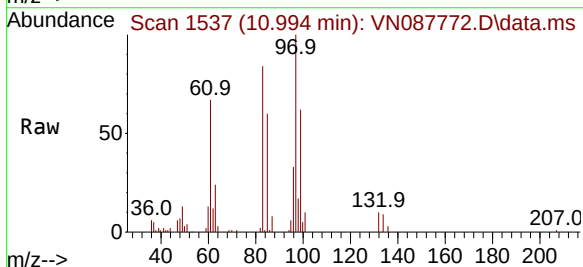
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

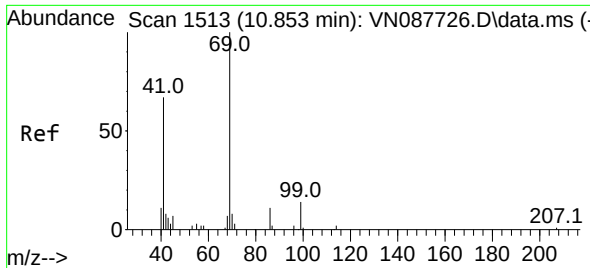
Tgt Ion: 75	Resp: 96633
Ion Ratio	Lower Upper
75 100	
77 32.4	27.8 41.6
39 59.3	47.6 71.4



#50
 1,1,2-Trichloroethane
 Concen: 20.164 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion: 97	Resp: 61430
Ion Ratio	Lower Upper
97 100	
83 83.3	70.5 105.7
85 59.4	46.3 69.5
99 61.8	49.4 74.2

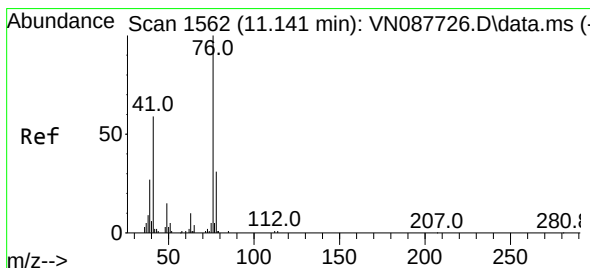
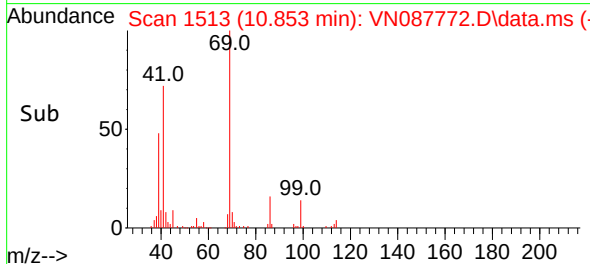
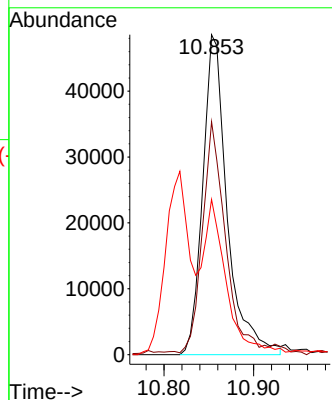
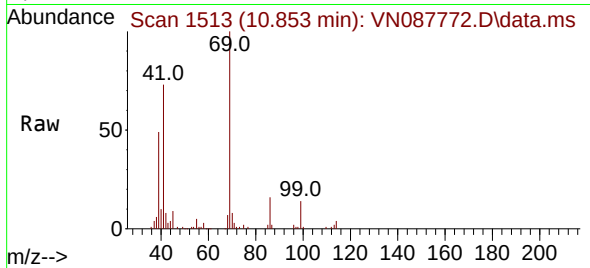




#51
Ethyl methacrylate
Concen: 19.420 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

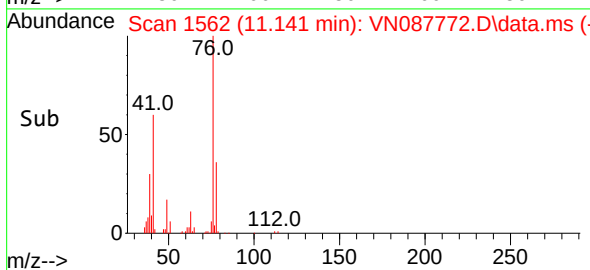
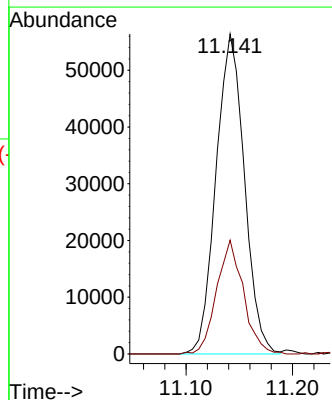
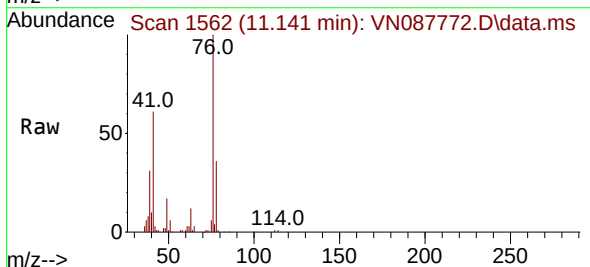
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

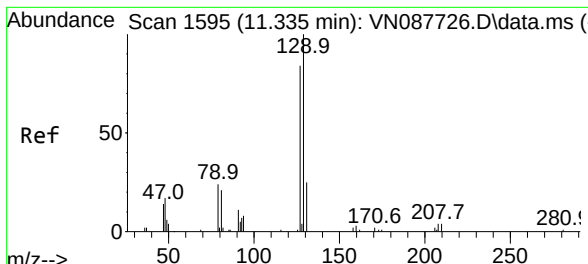
Tgt Ion: 69 Resp: 92075
Ion Ratio Lower Upper
69 100
41 71.7 33.7 101.0
39 46.5 20.3 60.9



#52
1,3-Dichloropropane
Concen: 19.750 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 76 Resp: 104483
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.2

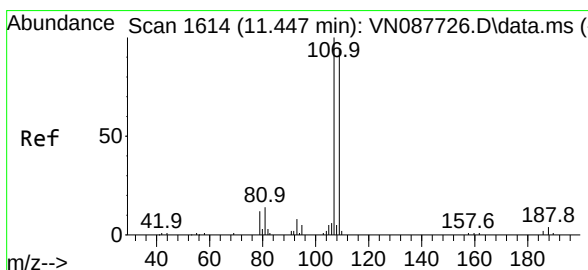
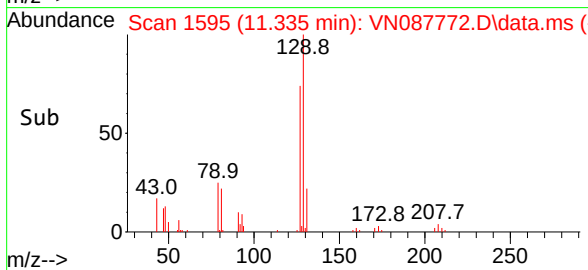
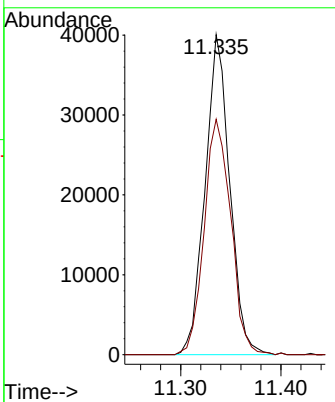
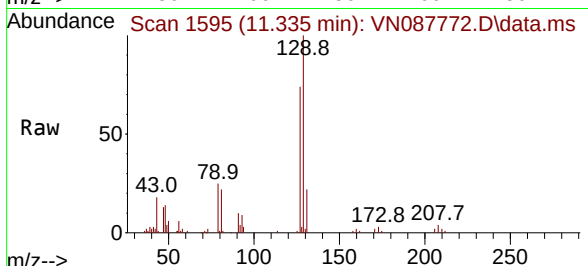




#53
 Dibromochloromethane
 Concen: 20.060 ug/l
 RT: 11.335 min Scan# 1595
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

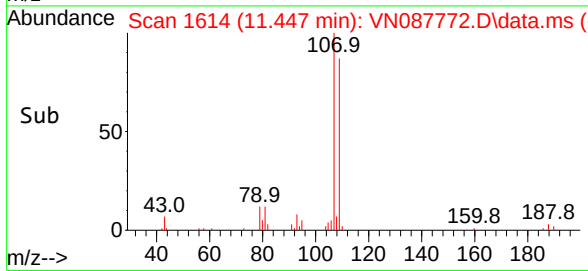
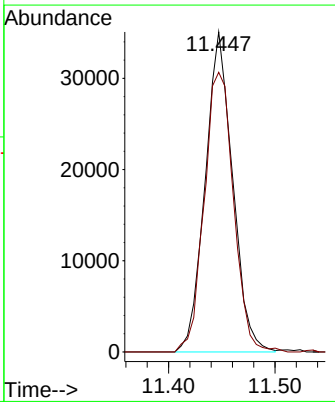
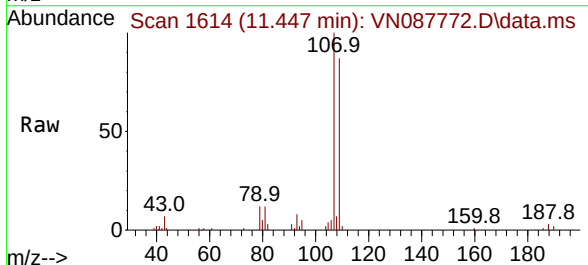
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

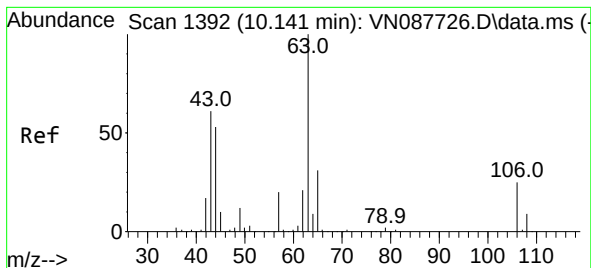
Tgt Ion:	129	Resp:	68522
Ion Ratio	Lower	Upper	
129	100		
127	79.3	42.6	128.0



#54
 1,2-Dibromoethane
 Concen: 19.814 ug/l
 RT: 11.447 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion:	107	Resp:	62812
Ion Ratio	Lower	Upper	
107	100		
109	93.1	74.6	112.0

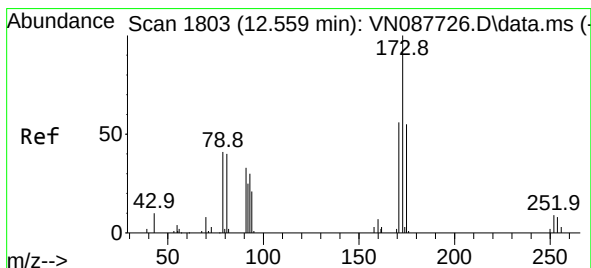
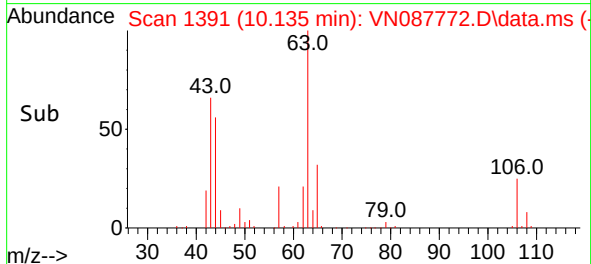
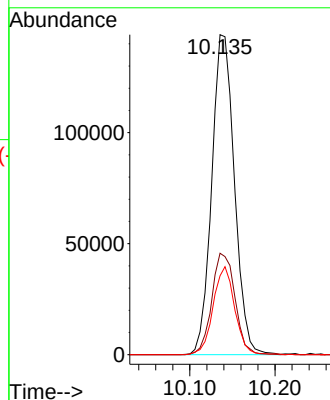
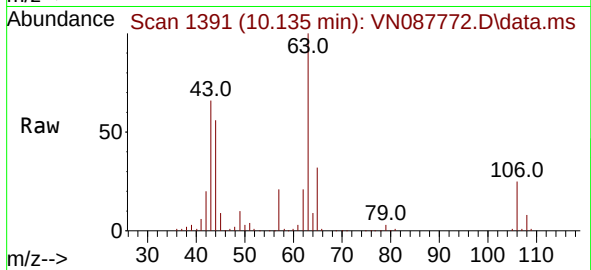




#55
2-Chloroethyl vinyl ether
Concen: 98.390 ug/l
RT: 10.135 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

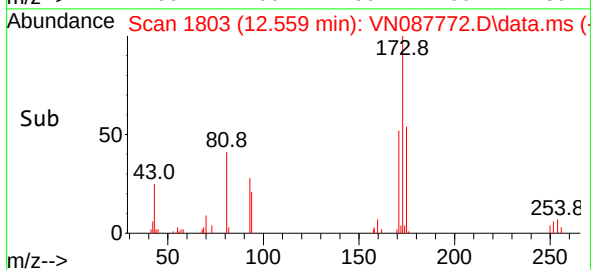
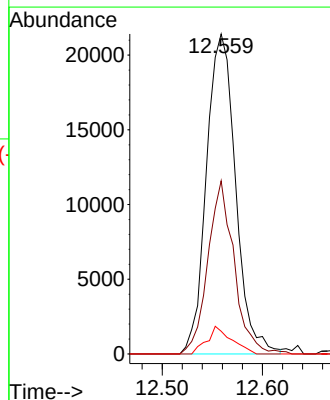
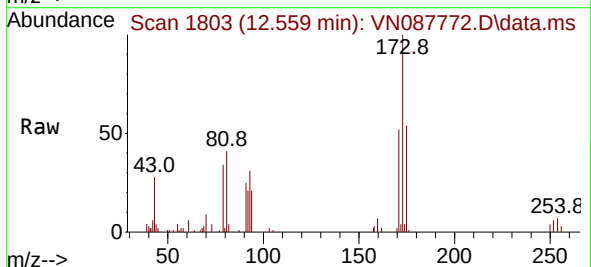
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

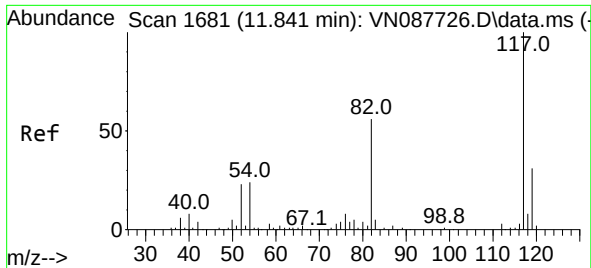
Tgt Ion: 63 Resp: 267279
Ion Ratio Lower Upper
63 100
65 32.4 26.6 40.0
106 26.1 21.1 31.7



#56
Bromoform
Concen: 19.419 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion:173 Resp: 43320
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.6
254 7.2 6.2 9.4

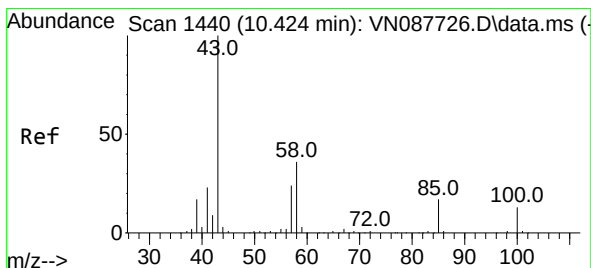
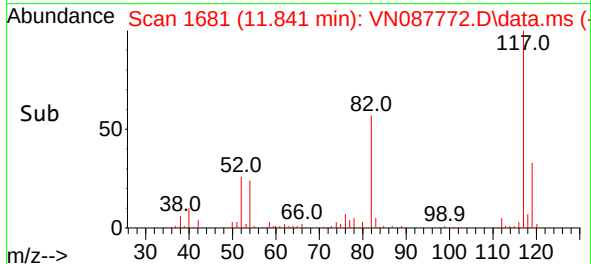
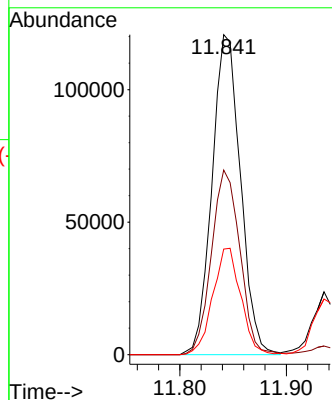
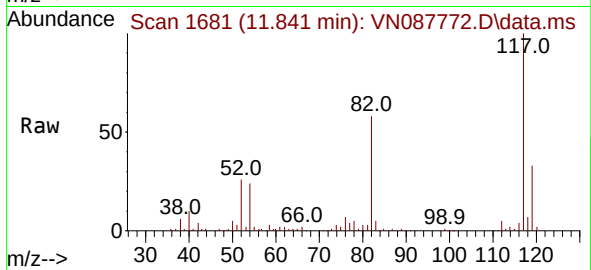




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

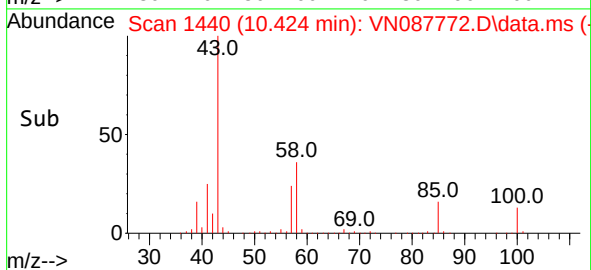
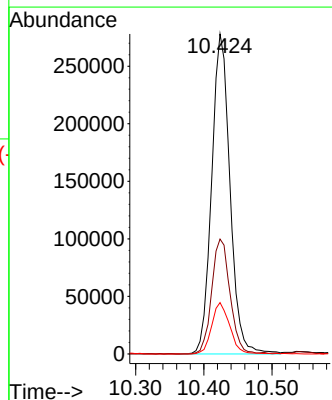
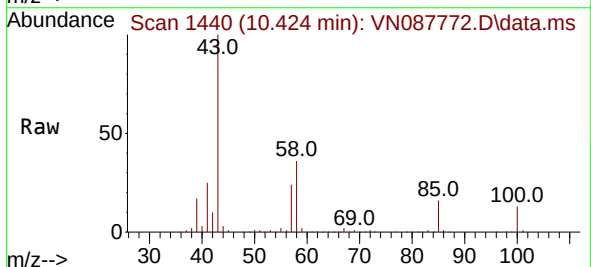
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

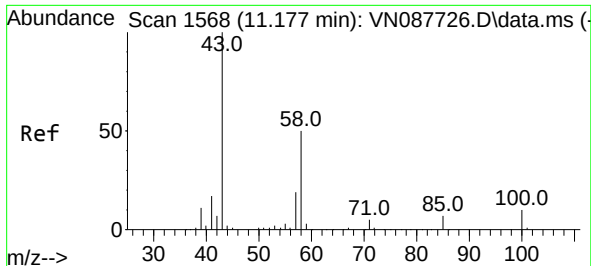
Tgt Ion:117 Resp: 224127
Ion Ratio Lower Upper
117 100
82 57.6 45.9 68.9
119 32.8 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 98.379 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 43 Resp: 521358
Ion Ratio Lower Upper
43 100
58 35.8 29.6 44.4
85 15.7 13.0 19.4

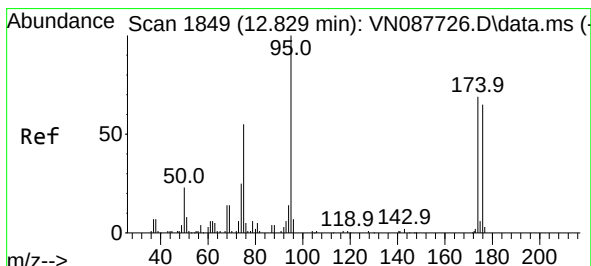
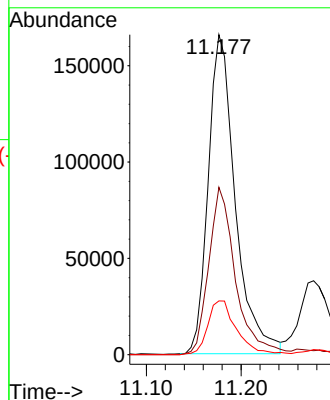
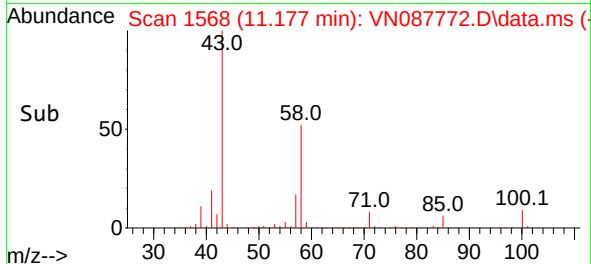
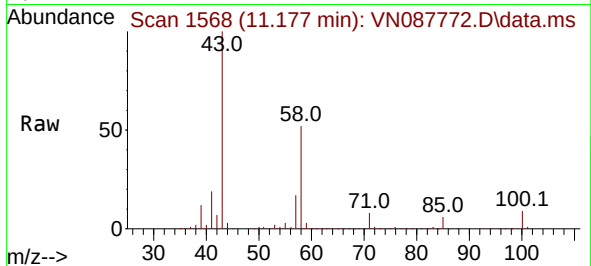




#59
2-Hexanone
Concen: 94.843 ug/l
RT: 11.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

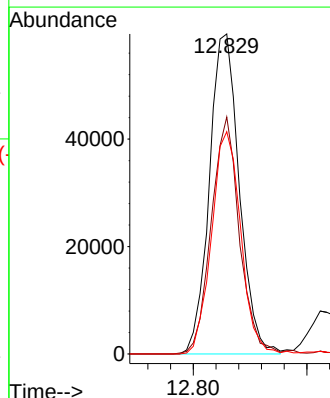
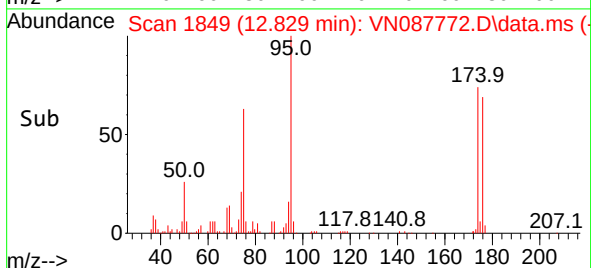
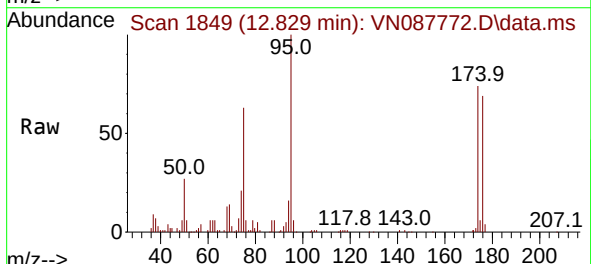
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

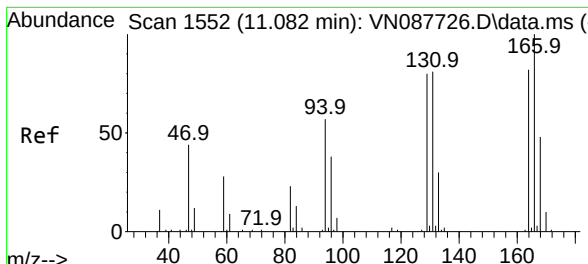
Tgt Ion: 43 Resp: 328431
Ion Ratio Lower Upper
43 100
58 52.0 40.2 60.4
57 18.0 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 30.226 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 95 Resp: 108927
Ion Ratio Lower Upper
95 100
174 69.7 55.4 83.0
176 67.6 51.5 77.3



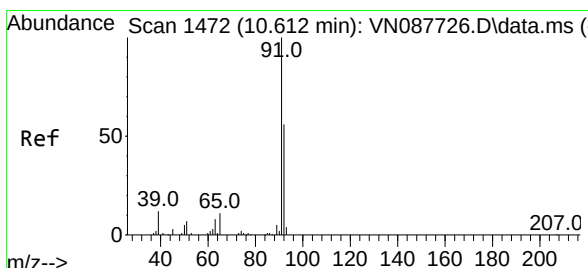
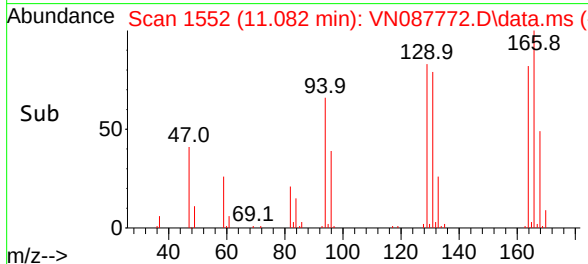
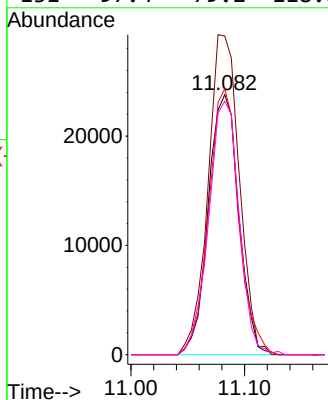
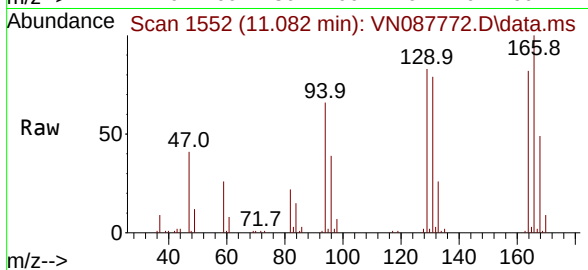


#61
Tetrachloroethene
Concen: 19.907 ug/l
RT: 11.082 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 44423

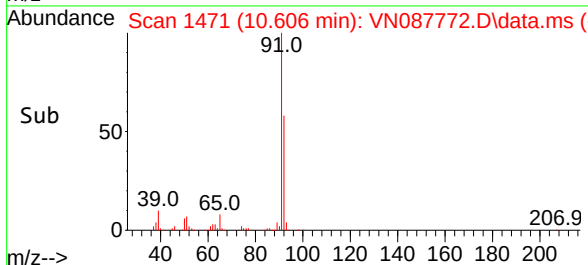
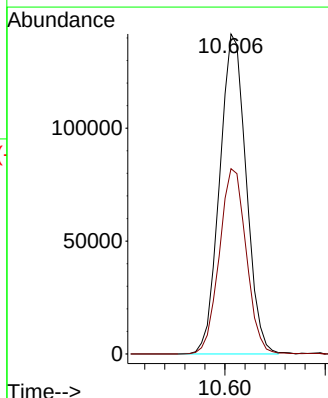
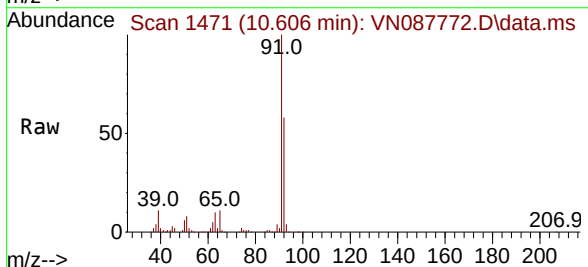
Ion	Ratio	Lower	Upper
164	100		
166	122.6	97.3	145.9
129	102.3	78.6	117.8
131	97.4	79.2	118.8

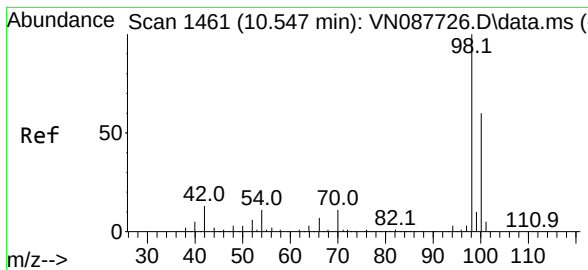


#62
Toluene
Concen: 19.141 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 91 Resp: 259500

Ion	Ratio	Lower	Upper
91	100		
92	58.7	45.4	68.0

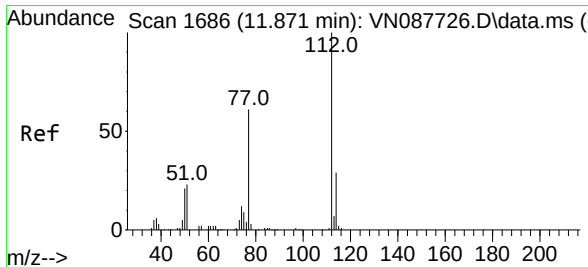
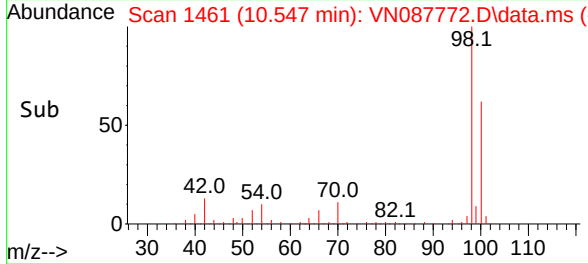
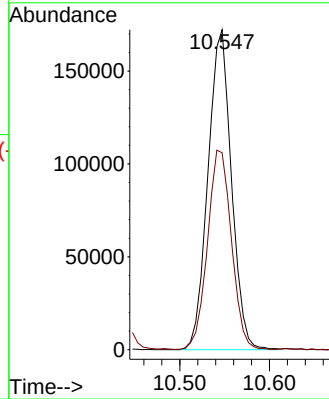
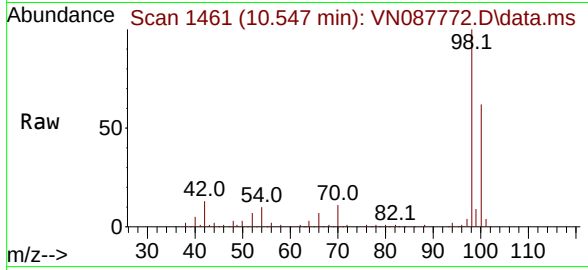




#63
Toluene-d8
Concen: 30.007 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

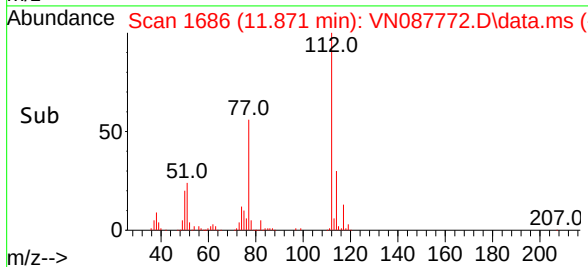
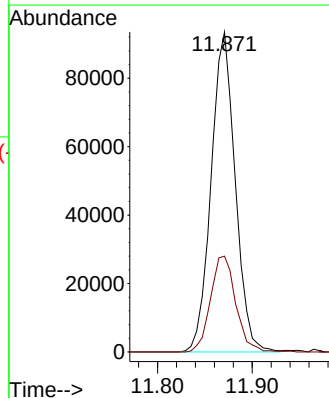
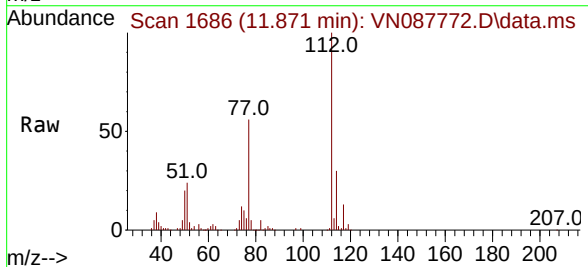
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

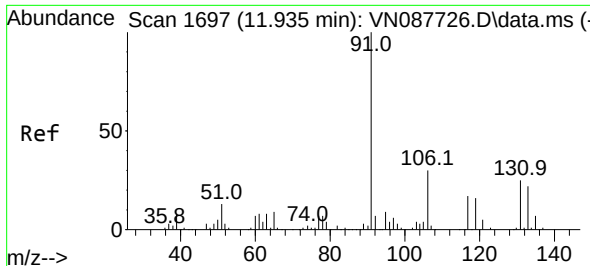
Tgt Ion: 98 Resp: 312762
Ion Ratio Lower Upper
98 100
100 63.8 50.6 76.0



#64
Chlorobenzene
Concen: 19.882 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion:112 Resp: 165436
Ion Ratio Lower Upper
112 100
114 30.0 23.5 35.3

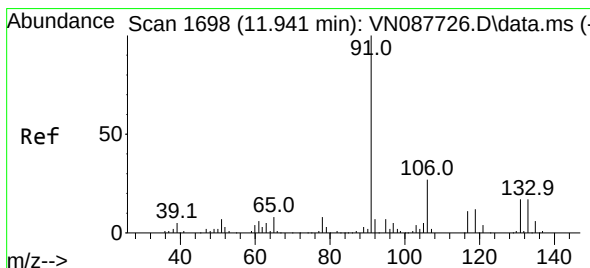
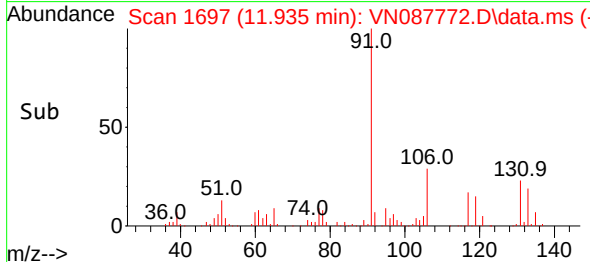
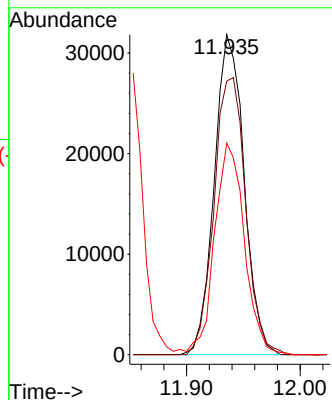
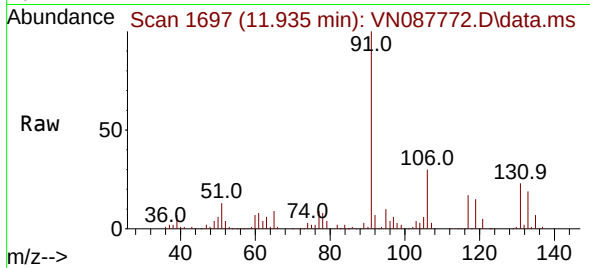




#65
1,1,1,2-Tetrachloroethane
Concen: 19.801 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

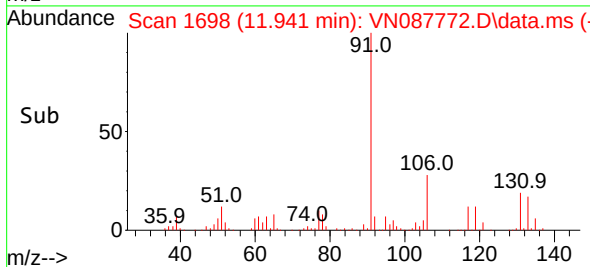
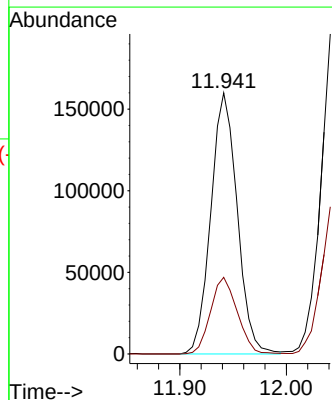
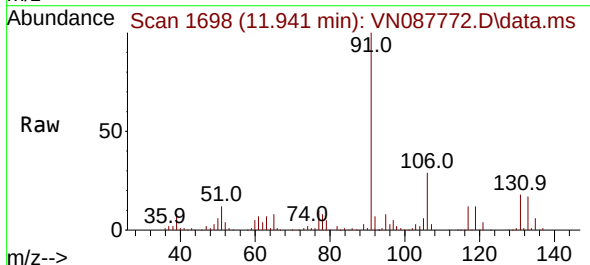
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

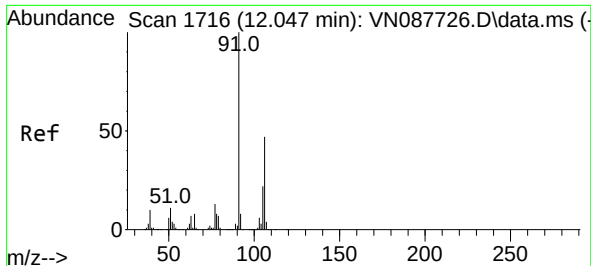
Tgt Ion:131 Resp: 58006
Ion Ratio Lower Upper
131 100
133 92.0 0.0 195.8
119 66.1 0.0 139.0



#66
Ethyl Benzene
Concen: 18.845 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 91 Resp: 275621
Ion Ratio Lower Upper
91 100
106 29.3 21.3 31.9

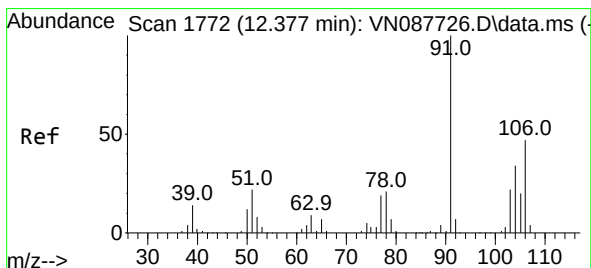
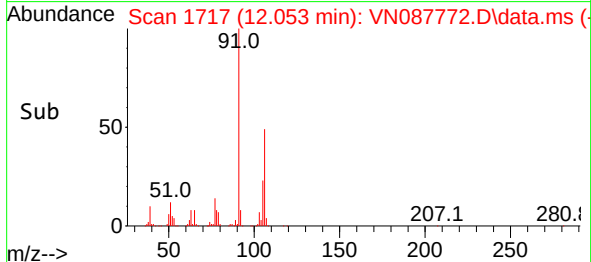
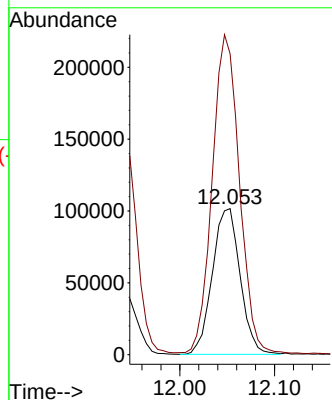
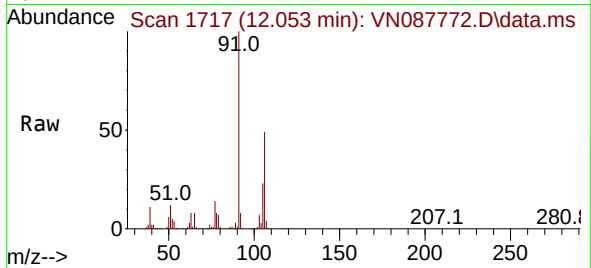




#67
m/p-Xylenes
Concen: 38.023 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

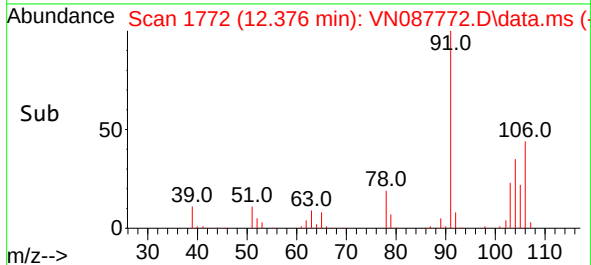
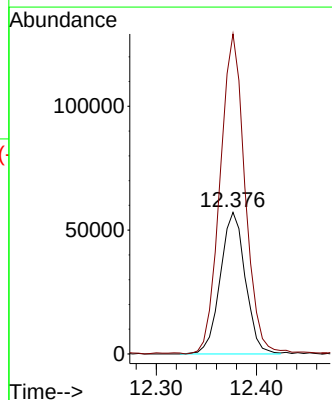
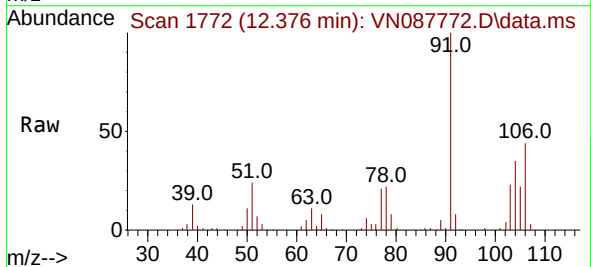
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

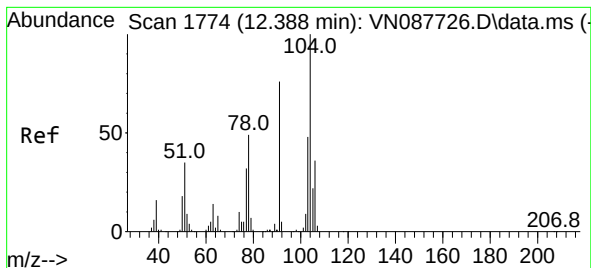
Tgt Ion:106 Resp: 206431
Ion Ratio Lower Upper
106 100
91 217.2 174.3 261.5



#68
o-Xylene
Concen: 18.825 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion:106 Resp: 99093
Ion Ratio Lower Upper
106 100
91 225.0 107.7 323.3





#69

Styrene

Concen: 19.051 ug/l

RT: 12.388 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

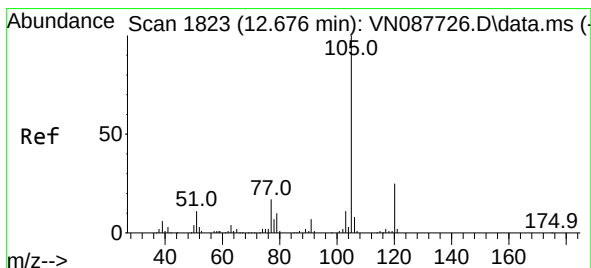
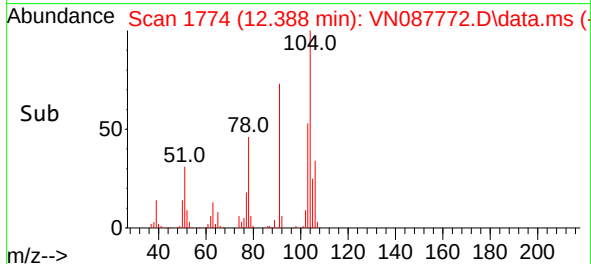
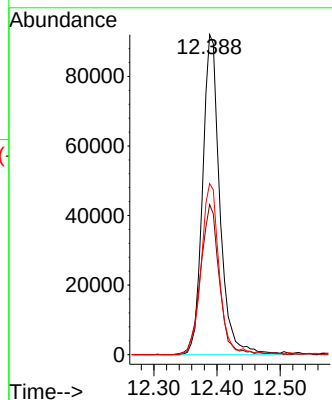
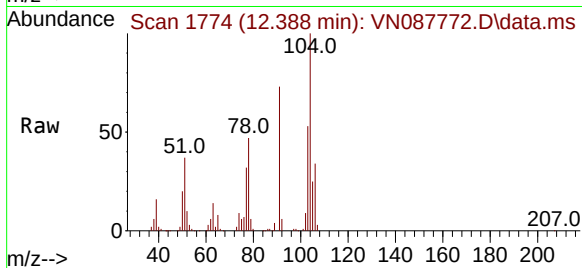
Tgt Ion:104 Resp: 174296

Ion Ratio Lower Upper

104 100

78 50.9 41.0 61.6

103 54.8 44.6 66.8



#70

Isopropylbenzene

Concen: 18.760 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087772.D

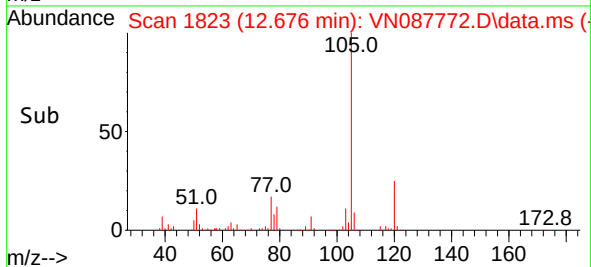
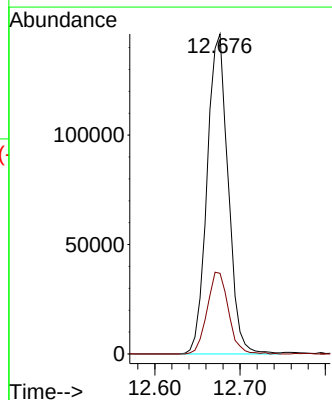
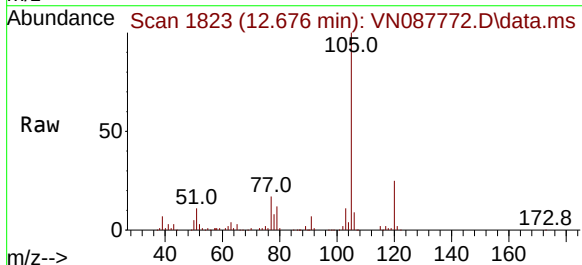
Acq: 09 Sep 2025 14:43

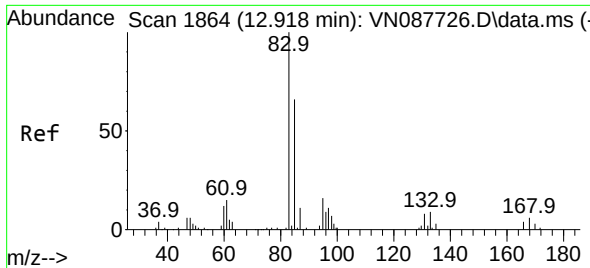
Tgt Ion:105 Resp: 250397

Ion Ratio Lower Upper

105 100

120 25.8 17.4 32.4

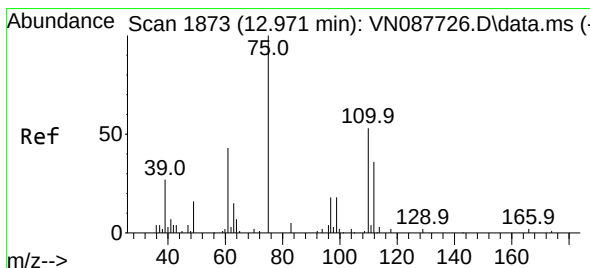
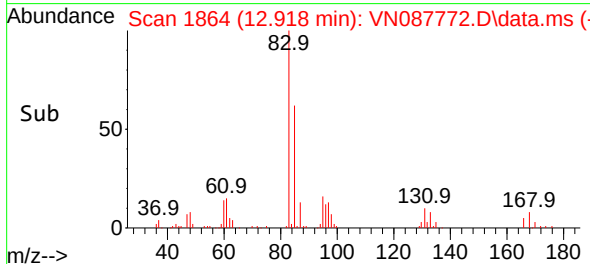
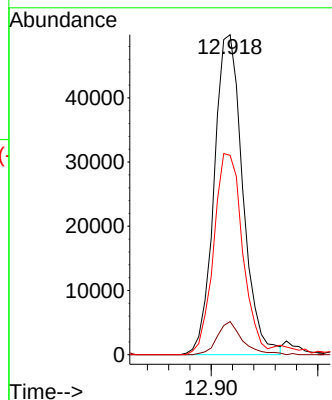
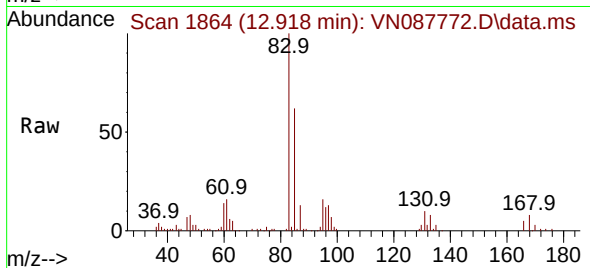




#71
1,1,2,2-Tetrachloroethane
Concen: 19.376 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

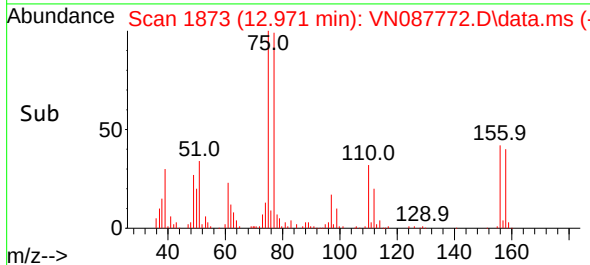
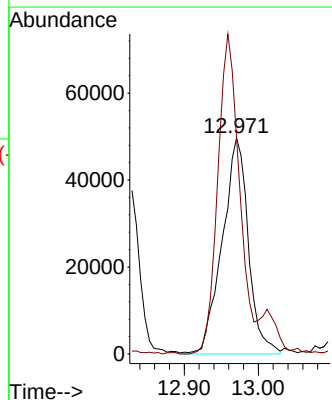
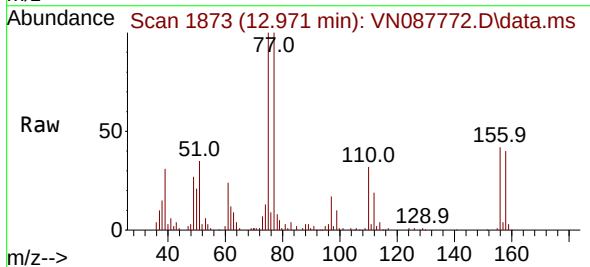
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

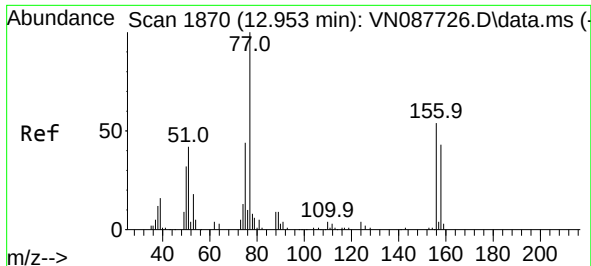
Tgt Ion: 83 Resp: 92975
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 63.5 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 25.751 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 75 Resp: 121322
Ion Ratio Lower Upper
75 100
77 122.2 0.0 378.8

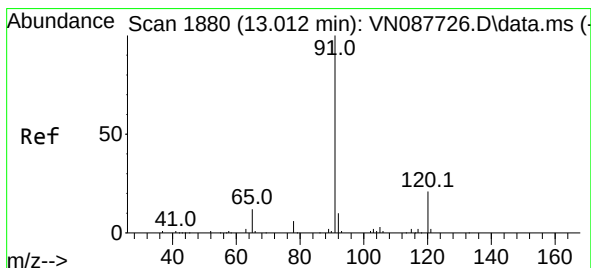
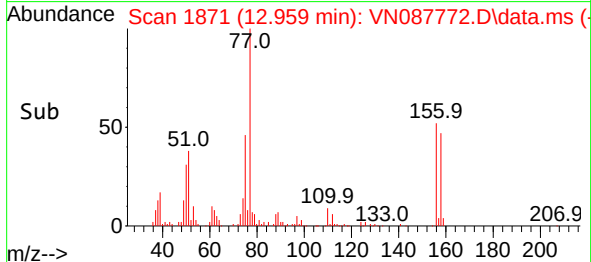
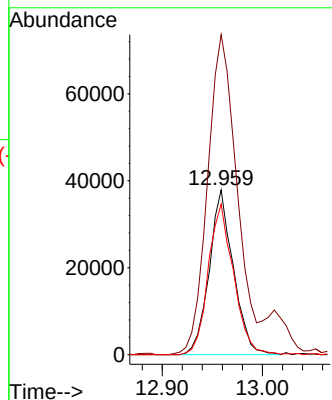
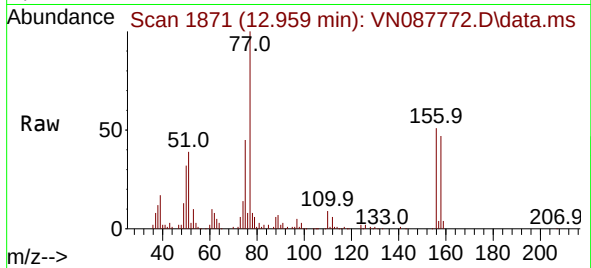




#73
Bromobenzene
Concen: 19.382 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

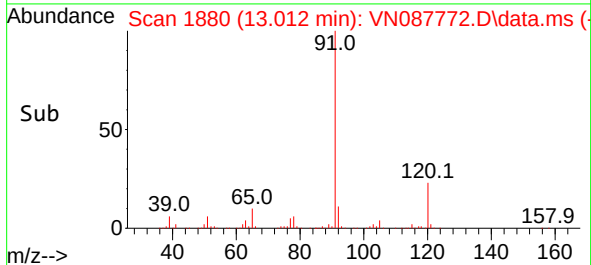
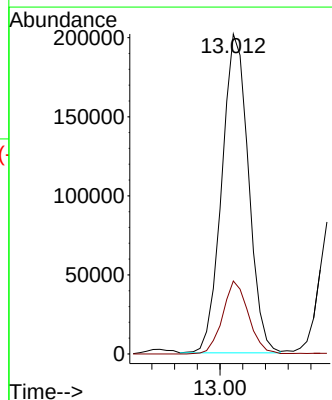
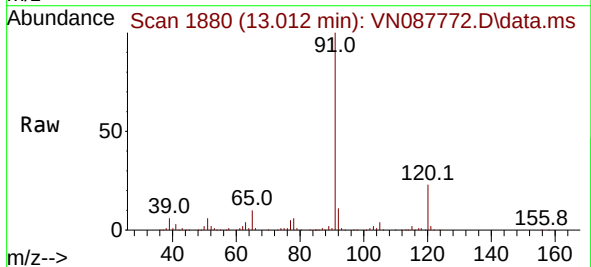
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

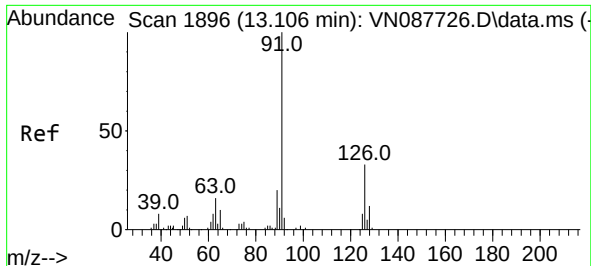
Tgt Ion:156 Resp: 63295
Ion Ratio Lower Upper
156 100
77 234.2 0.0 484.2
158 95.9 0.0 186.2



#74
n-propylbenzene
Concen: 19.507 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 91 Resp: 328517
Ion Ratio Lower Upper
91 100
120 22.2 0.0 42.2

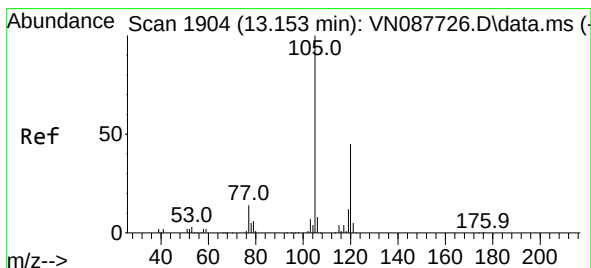
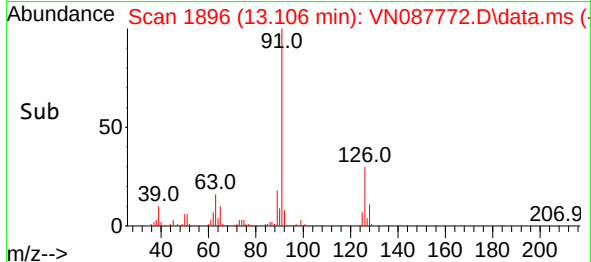
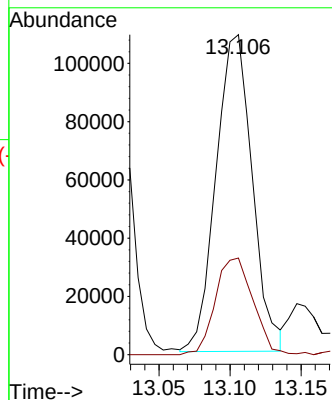
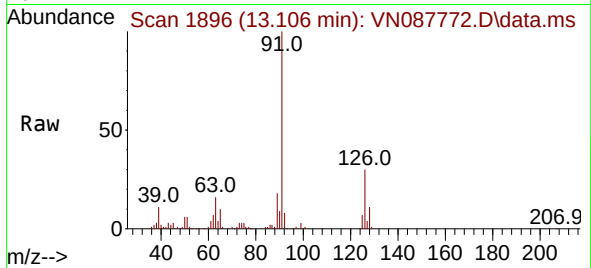




#75
2-Chlorotoluene
Concen: 19.056 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

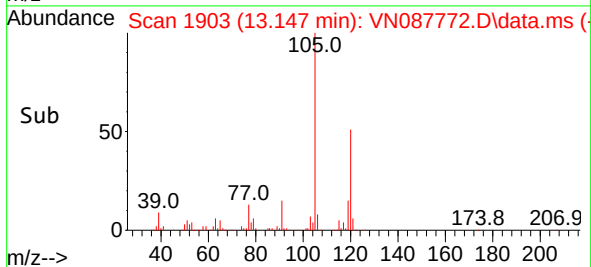
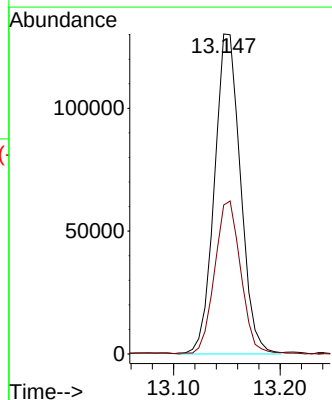
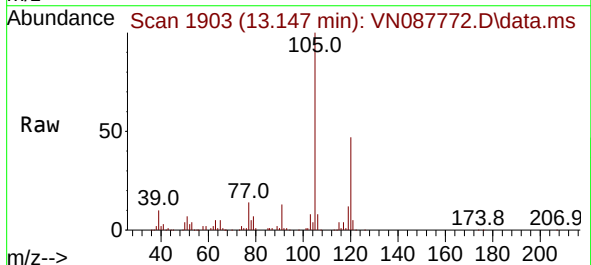
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

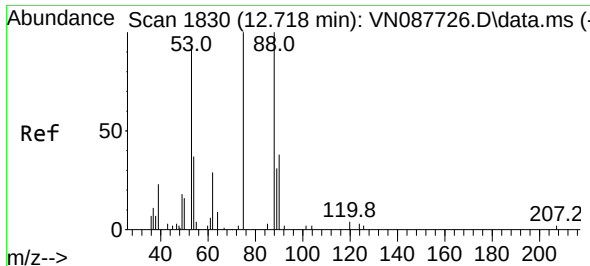
Tgt Ion: 91 Resp: 193153
Ion Ratio Lower Upper
91 100
126 31.7 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 19.619 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 105 Resp: 221129
Ion Ratio Lower Upper
105 100
120 47.1 0.0 92.6

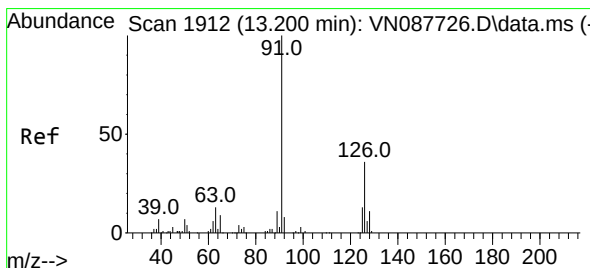
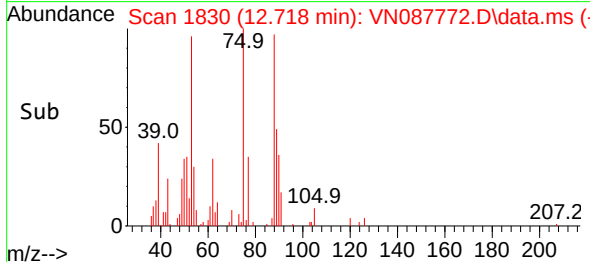
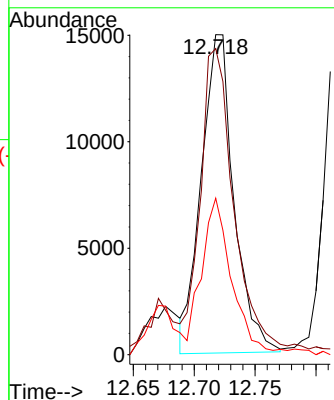
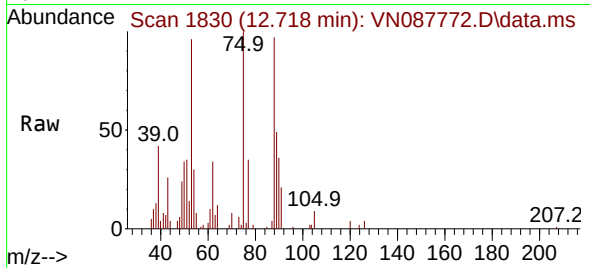




#77
t-1,4-Dichloro-2-butene
Concen: 17.576 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

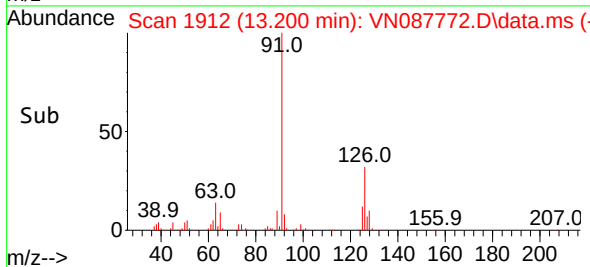
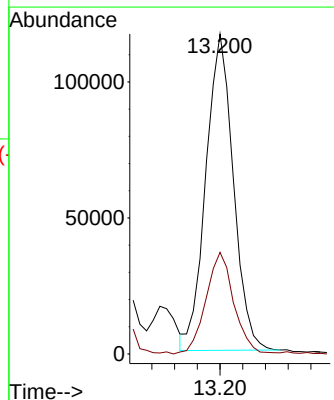
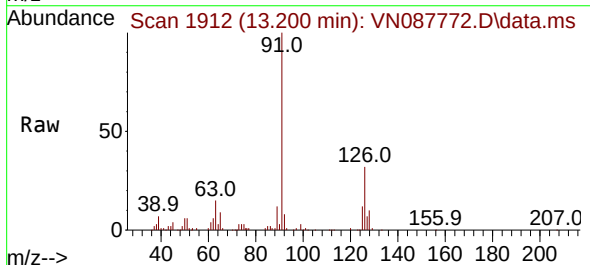
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

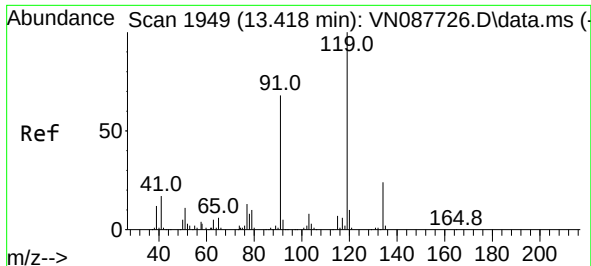
Tgt Ion: 75 Resp: 27950
Ion Ratio Lower Upper
75 100
53 94.0 45.3 135.9
89 46.4 18.8 56.3



#78
4-Chlorotoluene
Concen: 19.139 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 91 Resp: 195571
Ion Ratio Lower Upper
91 100
126 32.4 0.0 67.0

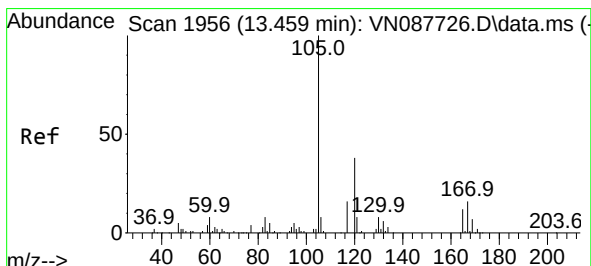
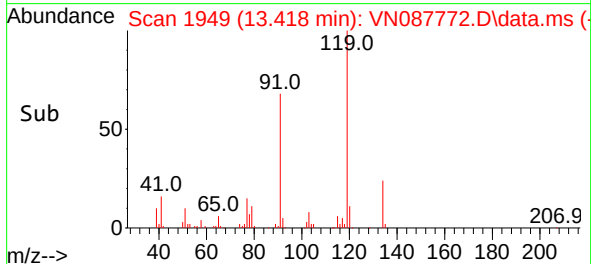
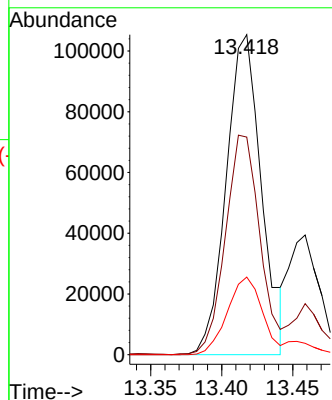
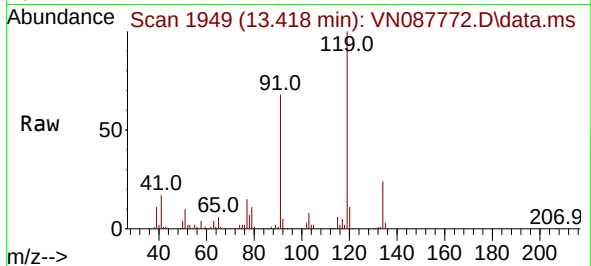




#79
tert-butylbenzene
Concen: 19.285 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

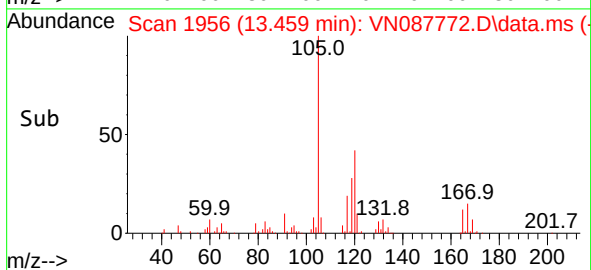
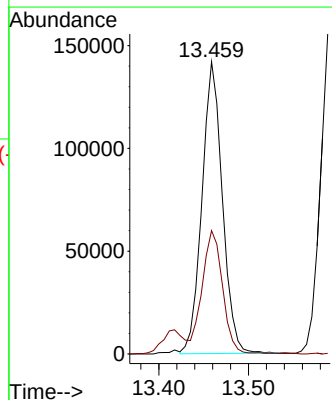
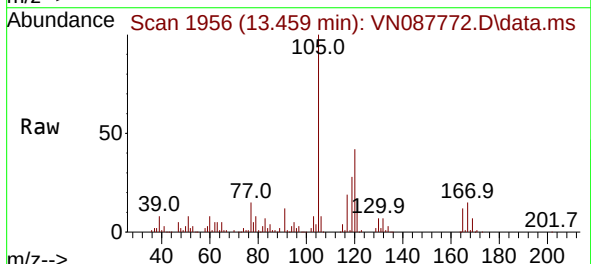
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

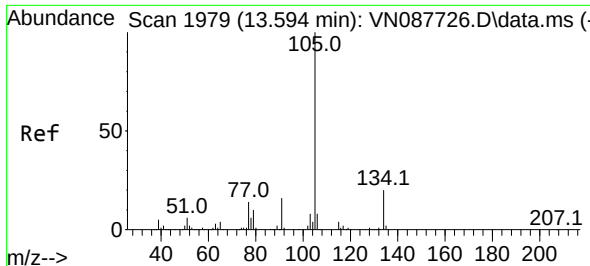
Tgt Ion:119 Resp: 182042
Ion Ratio Lower Upper
119 100
91 67.3 0.0 142.6
134 24.0 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 19.391 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion:105 Resp: 224078
Ion Ratio Lower Upper
105 100
120 41.4 0.0 86.6

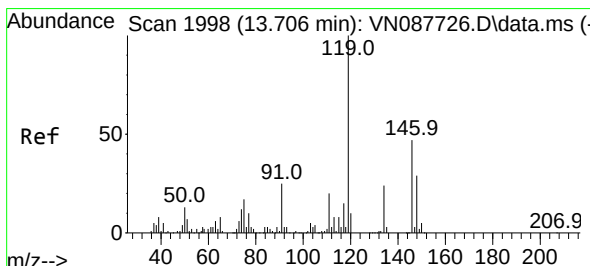
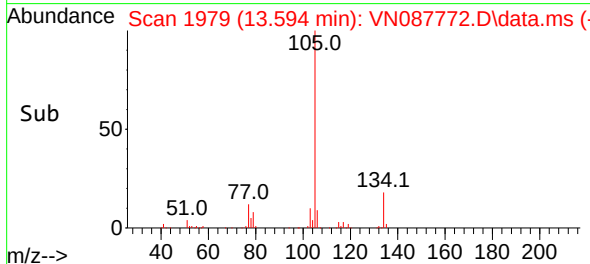
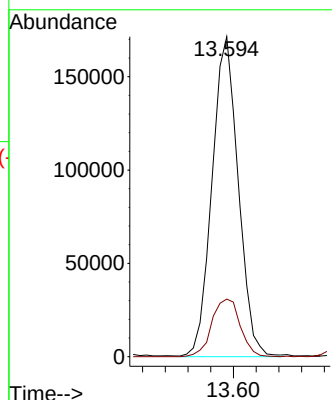
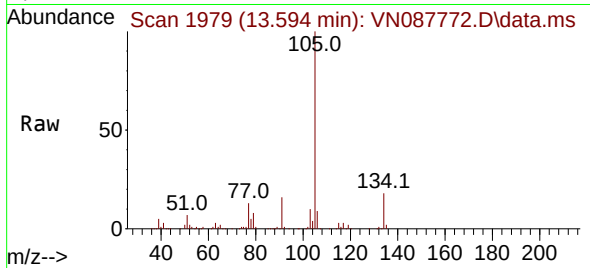




#81
 sec-Butylbenzene
 Concen: 19.803 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

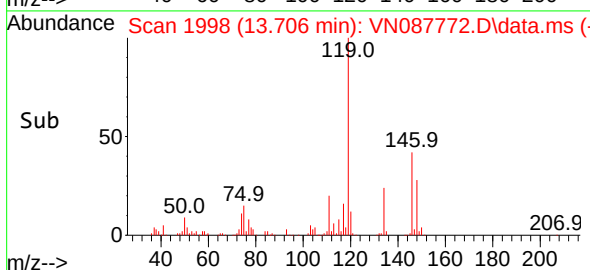
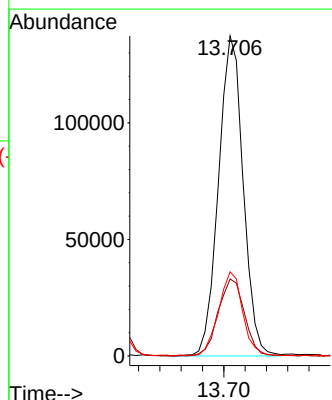
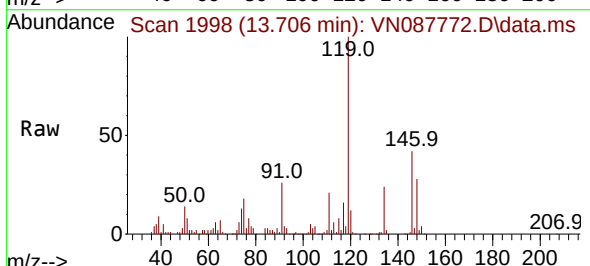
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

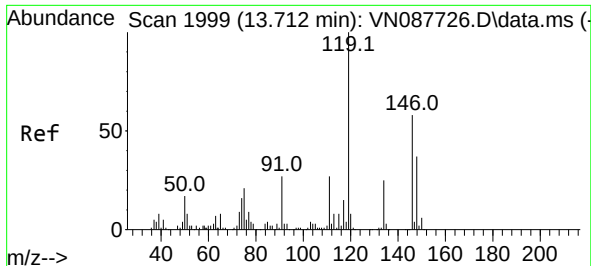
Tgt Ion:105 Resp: 274946
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 37.0



#82
 p-Isopropyltoluene
 Concen: 19.272 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion:119 Resp: 220465
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.4
 91 25.5 0.0 52.2

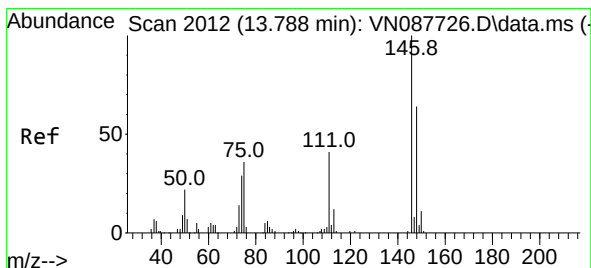
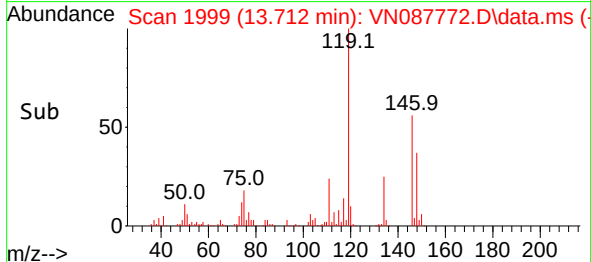
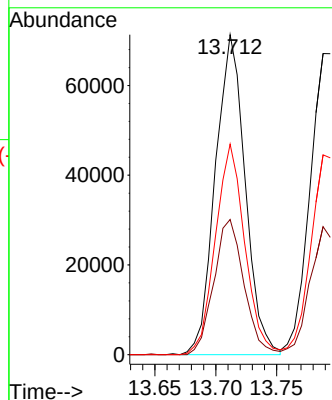
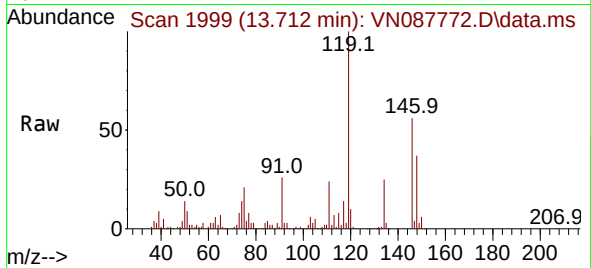




#83
 1,3-Dichlorobenzene
 Concen: 19.293 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

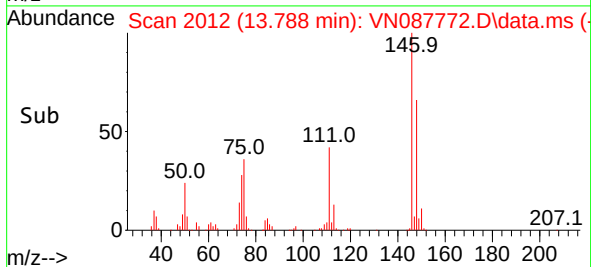
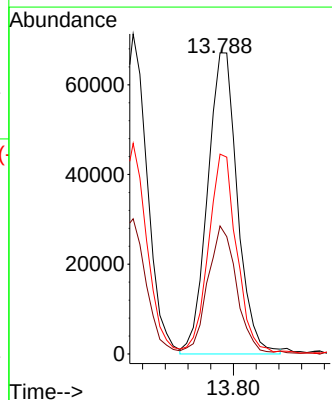
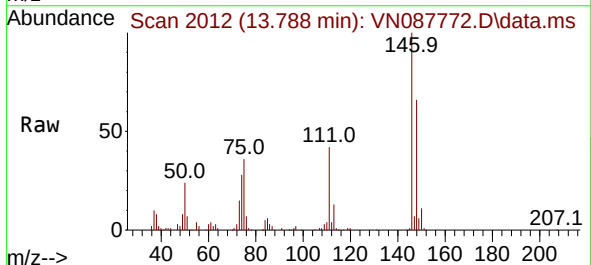
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

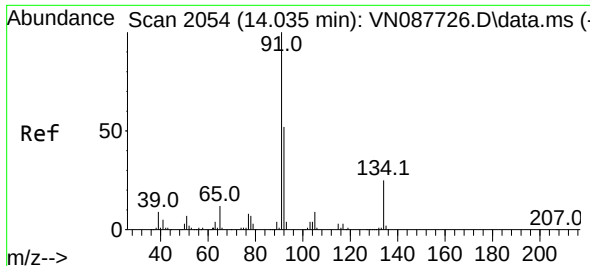
Tgt Ion:146 Resp: 121462
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.4
 148 65.0 31.0 93.0



#84
 1,4-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion:146 Resp: 122637
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.2 60.5
 148 63.0 31.5 94.5

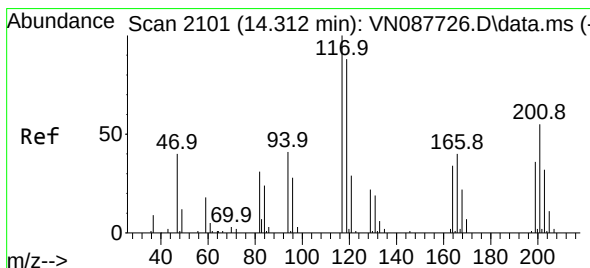
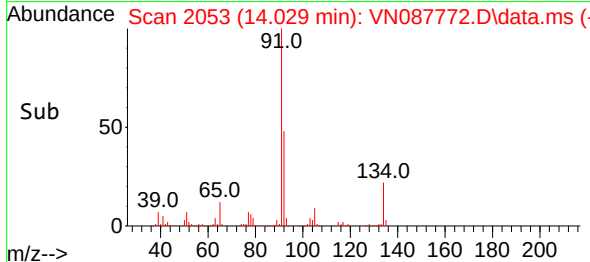
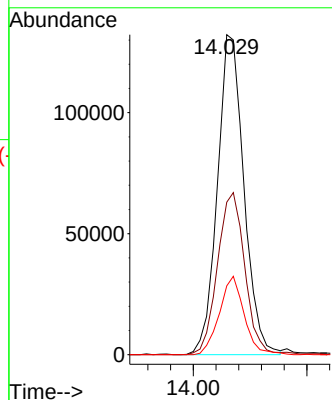
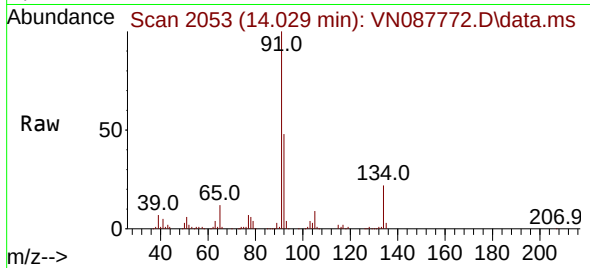




#85
n-Butylbenzene
Concen: 19.502 ug/l
RT: 14.029 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

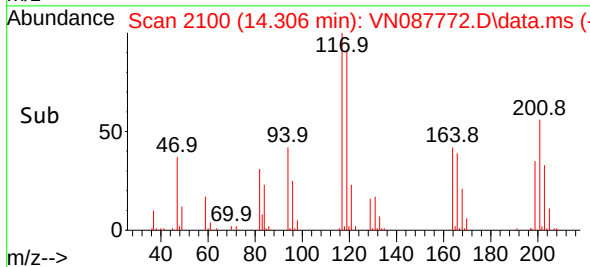
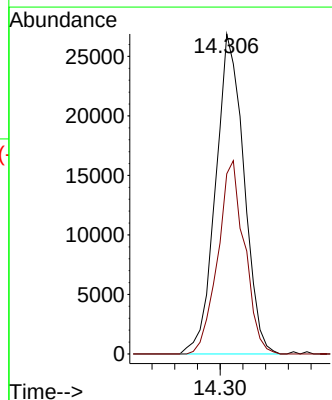
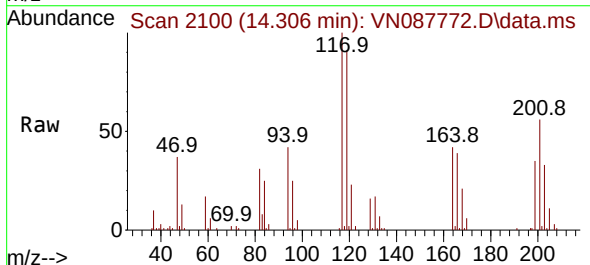
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

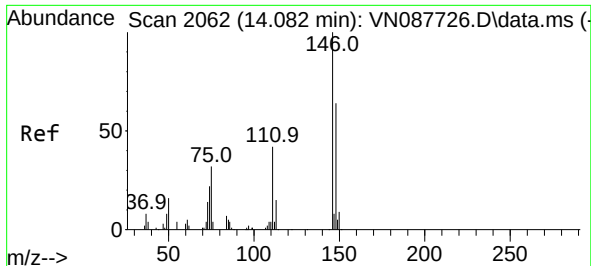
Tgt Ion: 91 Resp: 214443
Ion Ratio Lower Upper
91 100
92 51.9 0.0 104.0
134 22.9 0.0 46.0



#86
Hexachloroethane
Concen: 19.967 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion: 117 Resp: 46396
Ion Ratio Lower Upper
117 100
201 57.2 29.9 89.7

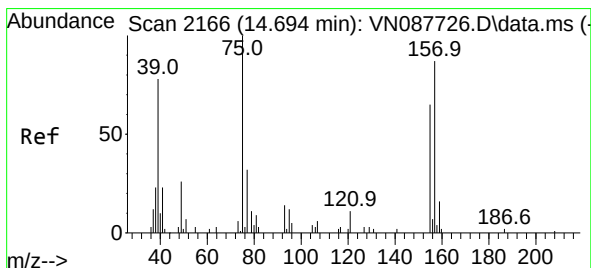
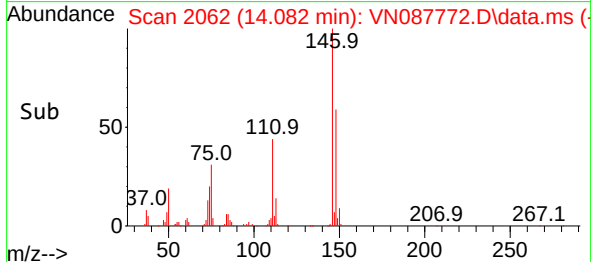
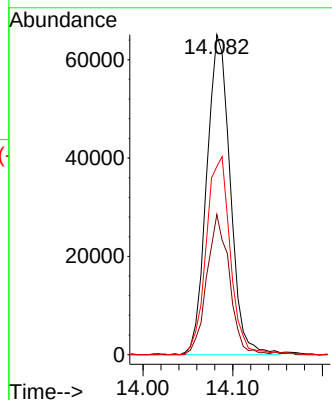
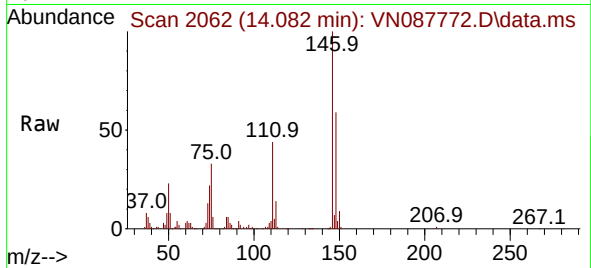




#87
 1,2-Dichlorobenzene
 Concen: 19.951 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

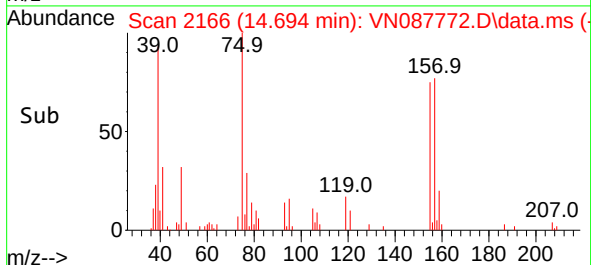
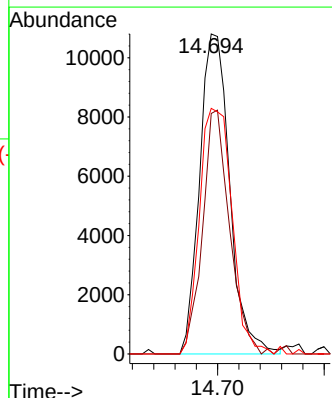
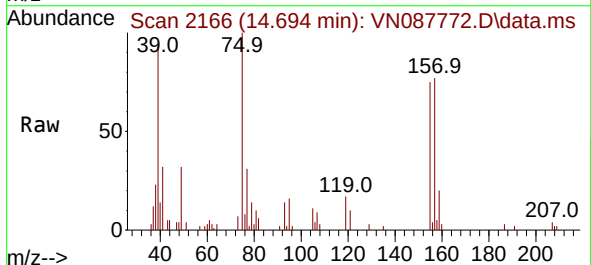
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

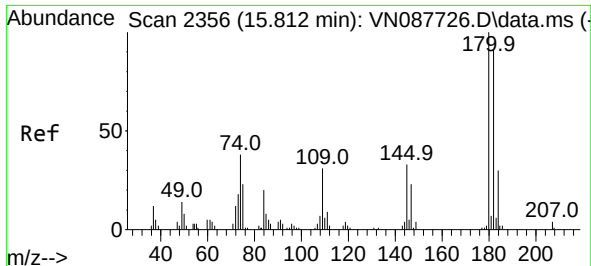
Tgt Ion:146 Resp: 118463
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 63.7 33.4 100.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.901 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087772.D
 Acq: 09 Sep 2025 14:43

Tgt Ion: 75 Resp: 21192
 Ion Ratio Lower Upper
 75 100
 155 68.4 53.0 79.4
 157 82.8 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 18.632 ug/l

RT: 15.812 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

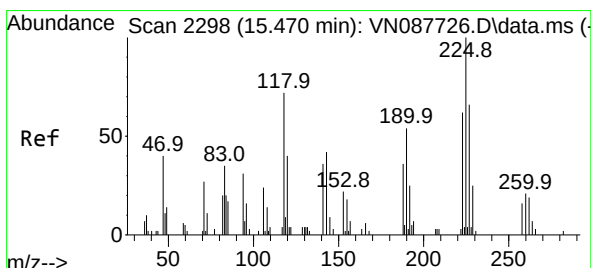
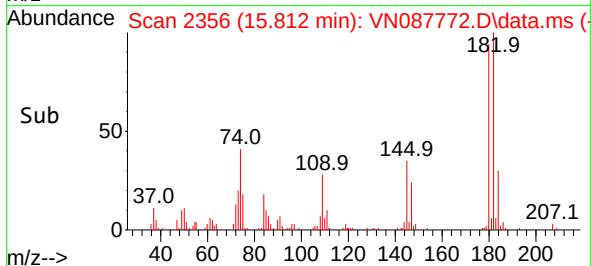
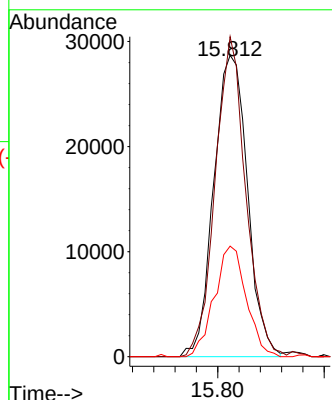
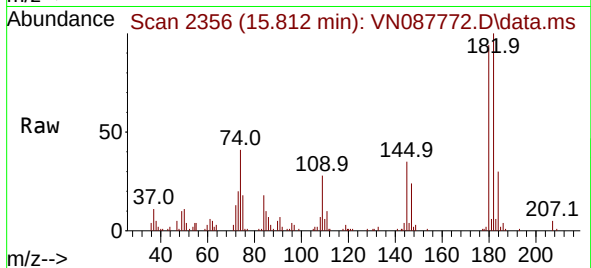
Tgt Ion:180 Resp: 62923

Ion Ratio Lower Upper

180 100

182 96.0 74.6 111.8

145 34.8 27.4 41.0



#90

Hexachlorobutadiene

Concen: 21.190 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN087772.D

Acq: 09 Sep 2025 14:43

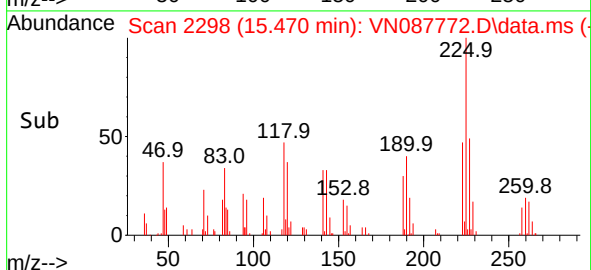
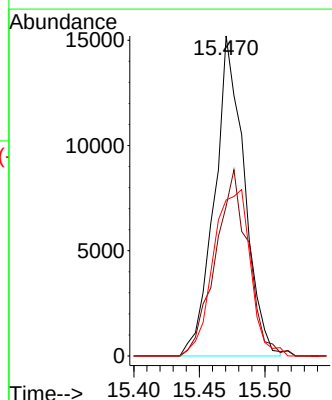
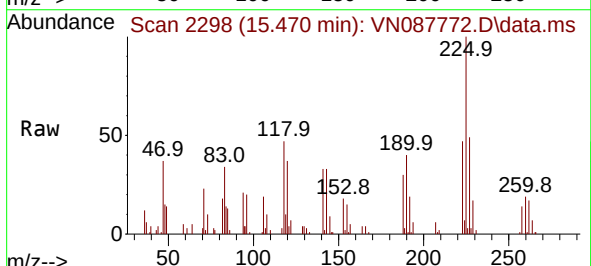
Tgt Ion:225 Resp: 23990

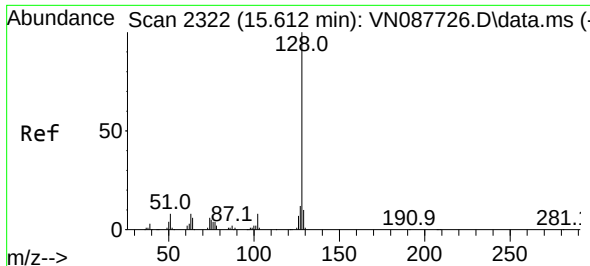
Ion Ratio Lower Upper

225 100

223 64.3 0.0 118.2

227 64.9 0.0 139.0

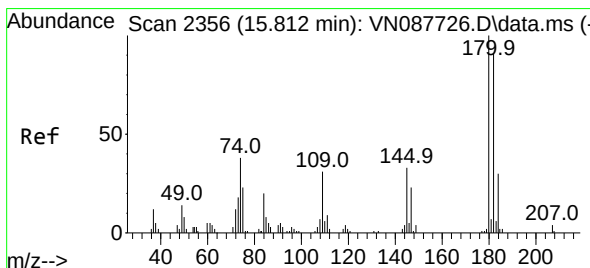
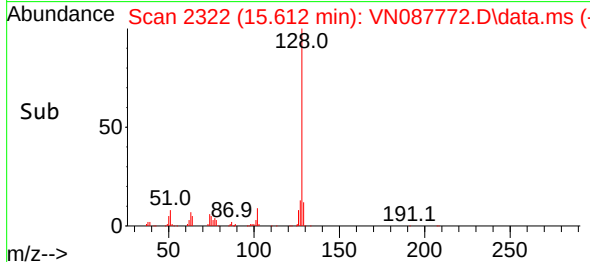
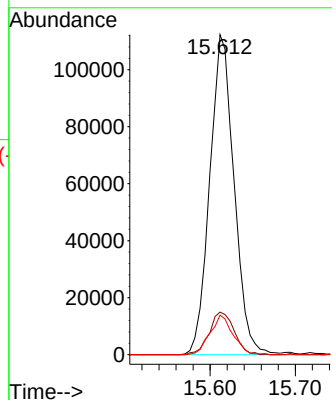
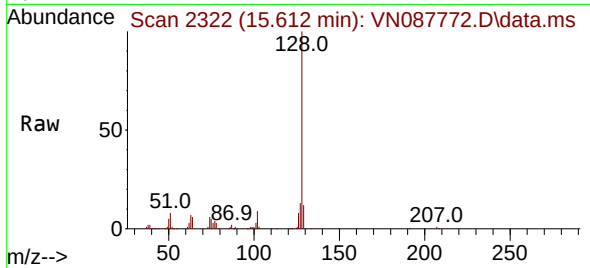




#91
Naphthalene
Concen: 17.899 ug/l
RT: 15.612 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 222544
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.6 8.3 12.5



#92
1,2,3-Trichlorobenzene
Concen: 18.632 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087772.D
Acq: 09 Sep 2025 14:43

Tgt Ion:180 Resp: 62923
Ion Ratio Lower Upper
180 100
182 96.0 0.0 186.4
145 34.8 0.0 68.4

