

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087809.D
 Acq On : 11 Sep 2025 19:14
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 12 02:59:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	239275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	473432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	449914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	227786	46.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.920%
35) Dibromofluoromethane	8.147	113	167679	49.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	10.547	98	591233	46.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.829	95	219096	48.155	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	137676	40.512	ug/l	93
3) Chloromethane	2.383	50	153332	43.904	ug/l	99
4) Vinyl Chloride	2.536	62	171220	42.283	ug/l	94
5) Bromomethane	2.971	94	67071	32.101	ug/l	97
6) Chloroethane	3.136	64	120647	42.391	ug/l	98
7) Trichlorofluoromethane	3.506	101	264376	44.562	ug/l	98
8) Diethyl Ether	3.959	74	116336	45.026	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	134067	39.937	ug/l	99
10) Methyl Iodide	4.583	142	88652	37.334	ug/l	99
11) Tert butyl alcohol	5.524	59	200816	235.952	ug/l	100
12) 1,1-Dichloroethene	4.336	96	149560	43.354	ug/l	92
13) Acrolein	4.183	56	145984	139.524	ug/l	99
14) Allyl chloride	5.012	41	235943	37.742	ug/l	97
15) Acrylonitrile	5.712	53	580923	242.024	ug/l	99
16) Acetone	4.424	43	540018	202.349	ug/l	99
17) Carbon Disulfide	4.706	76	379919	40.004	ug/l	99
18) Methyl Acetate	5.024	43	326205	58.378	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	608541	47.023	ug/l	96
20) Methylene Chloride	5.265	84	185360	47.969	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	159331	42.616	ug/l	96
22) Diisopropyl ether	6.659	45	627262	46.496	ug/l #	98
23) Vinyl Acetate	6.594	43	2790307	227.341	ug/l	100
24) 1,1-Dichloroethane	6.553	63	331806	44.858	ug/l	98
25) 2-Butanone	7.471	43	812672	231.460	ug/l	97
26) 2,2-Dichloropropane	7.471	77	213707	33.663	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	207102	46.335	ug/l	96
28) Bromochloromethane	7.794	49	182677	51.085	ug/l	96
29) Tetrahydrofuran	7.830	42	539053	238.564	ug/l	100
30) Chloroform	7.947	83	358719	47.513	ug/l	97
31) Cyclohexane	8.241	56	213222	34.578	ug/l	93
32) 1,1,1-Trichloroethane	8.147	97	288288	45.057	ug/l	98
36) 1,1-Dichloropropene	8.353	75	208521	39.765	ug/l	98
37) Ethyl Acetate	7.547	43	309579	43.203	ug/l	97
38) Carbon Tetrachloride	8.347	117	232371	44.881	ug/l	99
39) Methylcyclohexane	9.582	83	194443	33.680	ug/l	98
40) Benzene	8.588	78	727801	45.251	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	169735	45.728	ug/l	96
42) 1,2-Dichloroethane	8.653	62	280998	45.464	ug/l	100
43) Isopropyl Acetate	8.677	43	524060	46.843	ug/l	99
44) Trichloroethene	9.335	130	165398	45.042	ug/l	97
45) 1,2-Dichloropropane	9.600	63	193307	45.596	ug/l	99
46) Dibromomethane	9.688	93	145835	48.339	ug/l	97
47) Bromodichloromethane	9.871	83	300564	48.611	ug/l	97
48) Methyl methacrylate	9.665	41	246479	46.578	ug/l	97
49) 1,4-Dioxane	9.682	88	70170	1023.060	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1669573	247.348	ug/l	99
52) Toluene	10.612	92	446948	44.825	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	292185	45.653	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	300799	45.265	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	194110	50.324	ug/l	95
56) Ethyl methacrylate	10.853	69	308625	50.066	ug/l	98
57) 1,3-Dichloropropane	11.141	76	328926	48.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	808795	242.410	ug/l	98
59) 2-Hexanone	11.176	43	1139314	267.074	ug/l	98
60) Dibromochloromethane	11.335	129	221852	49.638	ug/l	100
61) 1,2-Dibromoethane	11.447	107	201416	49.521	ug/l	99
64) Tetrachloroethene	11.082	164	134464	43.077	ug/l	96
65) Chlorobenzene	11.871	112	505507	45.162	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.941	131	189673	51.043	ug/l	96
67) Ethyl Benzene	11.941	91	853428	44.036	ug/l	97
68) m/p-Xylenes	12.047	106	632771	89.028	ug/l	99
69) o-Xylene	12.376	106	316131	45.386	ug/l	100
70) Styrene	12.388	104	569890	48.837	ug/l	98
71) Bromoform	12.559	173	153416	53.832	ug/l #	98
73) Isopropylbenzene	12.670	105	786580	41.701	ug/l	99
74) N-amyl acetate	12.494	43	171412	23.979	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.918	83	311130	47.910	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	375853	68.661	ug/l	61
77) Bromobenzene	12.959	156	207745	46.711	ug/l	93
78) n-propylbenzene	13.012	91	964356	41.506	ug/l	99
79) 2-Chlorotoluene	13.106	91	602399	43.084	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	688090	43.001	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	81904	39.611	ug/l	83
82) 4-Chlorotoluene	13.200	91	618169	42.051	ug/l	96
83) tert-Butylbenzene	13.417	119	582959	43.719	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	703787	43.936	ug/l	99
85) sec-Butylbenzene	13.594	105	833705	42.132	ug/l	99
86) p-Isopropyltoluene	13.706	119	696585	42.631	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	401204	45.808	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	405920	44.536	ug/l	99
89) n-Butylbenzene	14.035	91	644735	39.730	ug/l	99
90) Hexachloroethane	14.312	117	128372	41.237	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	390240	46.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	70249	45.536	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	231249	46.347	ug/l	97
94) Hexachlorobutadiene	15.470	225	74655	41.969	ug/l	99
95) Naphthalene	15.617	128	843990	47.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	231149	47.388	ug/l	98

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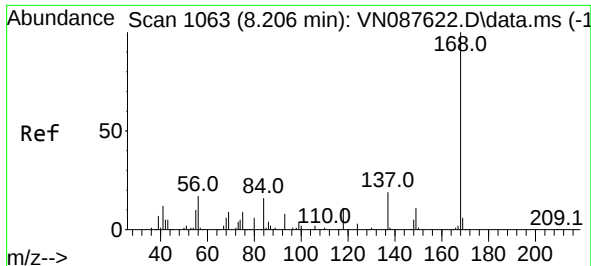
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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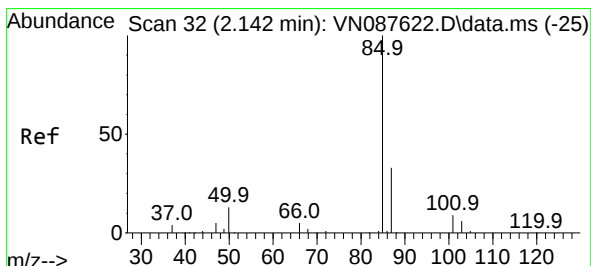
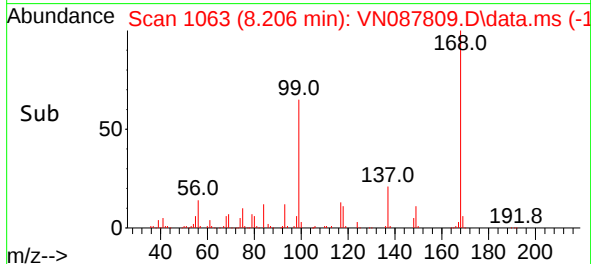
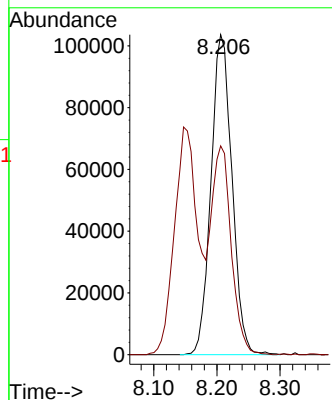
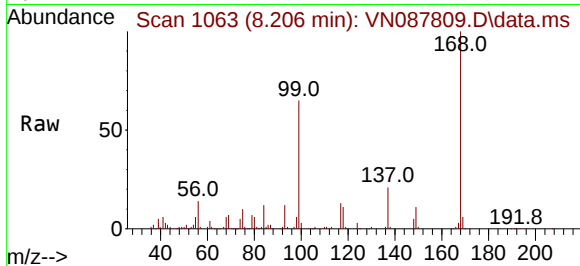




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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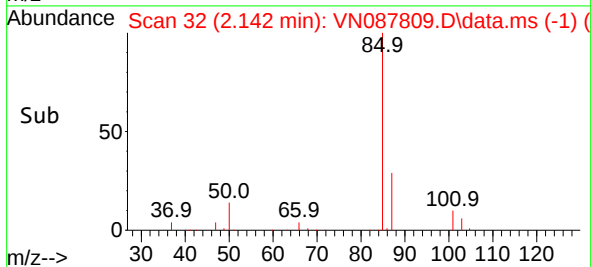
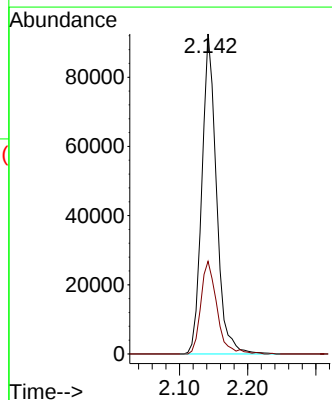
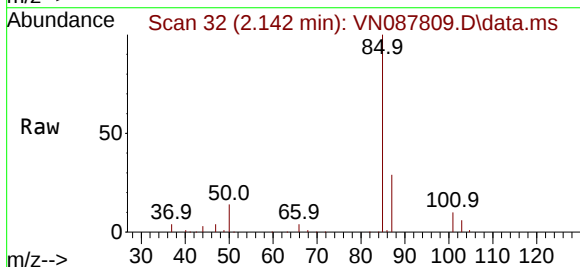
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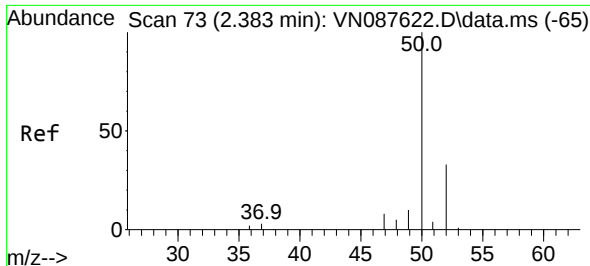
Tgt Ion:168 Resp: 239275
Ion Ratio Lower Upper
168 100
99 65.1 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 40.512 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 85 Resp: 137676
Ion Ratio Lower Upper
85 100
87 29.0 16.6 49.8

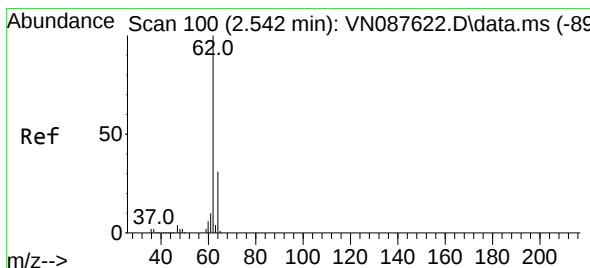
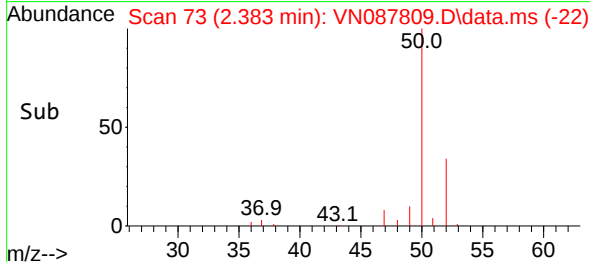
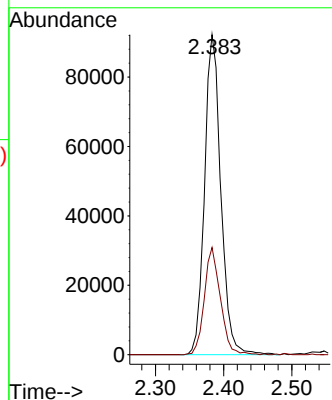
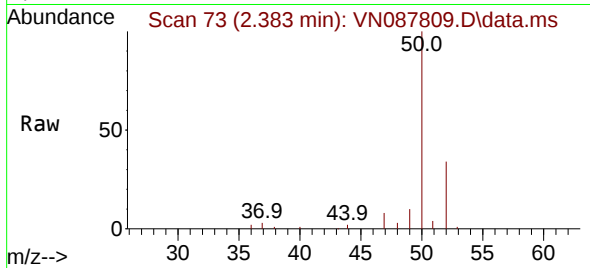




#3
Chloromethane
Concen: 43.904 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

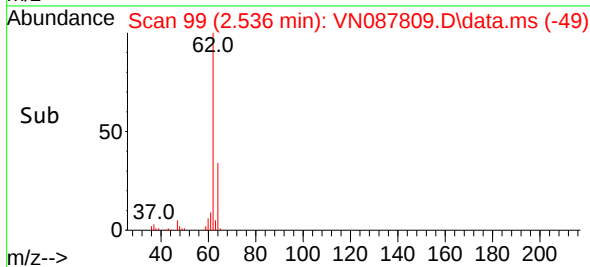
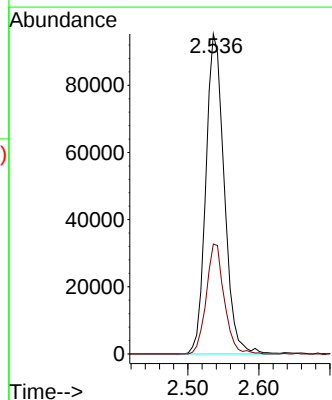
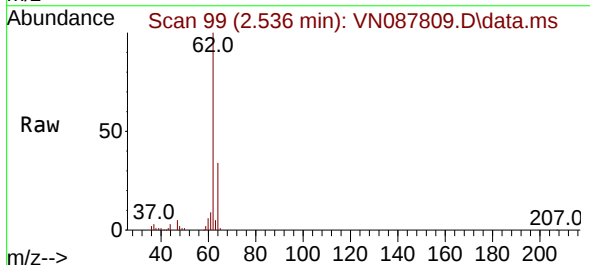
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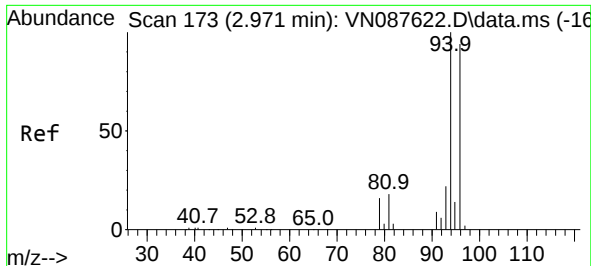
Tgt Ion: 50 Resp: 153332
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4



#4
Vinyl Chloride
Concen: 42.283 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 62 Resp: 171220
Ion Ratio Lower Upper
62 100
64 34.3 24.6 37.0

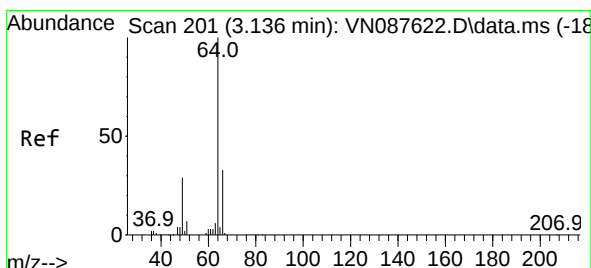
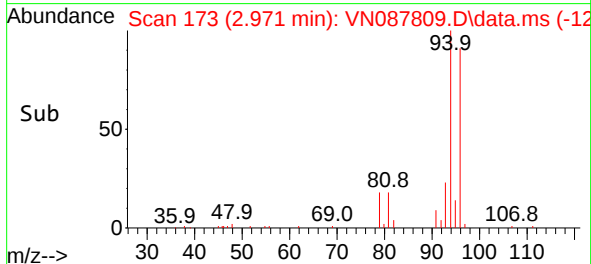
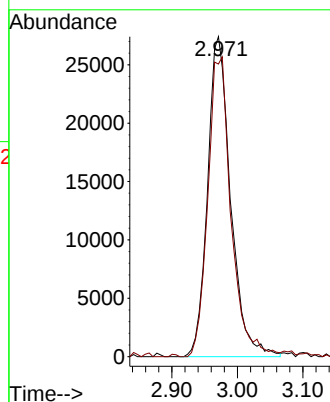
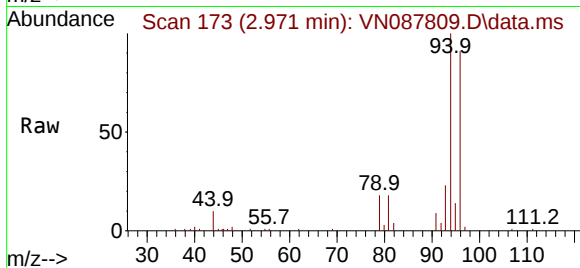




#5
Bromomethane
Concen: 32.101 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

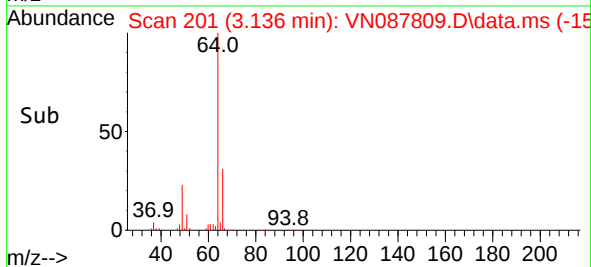
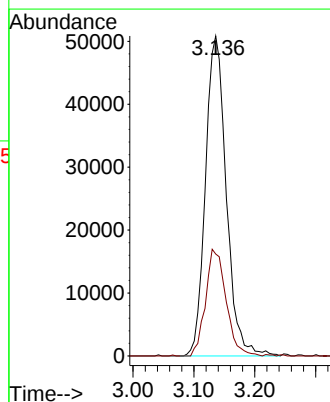
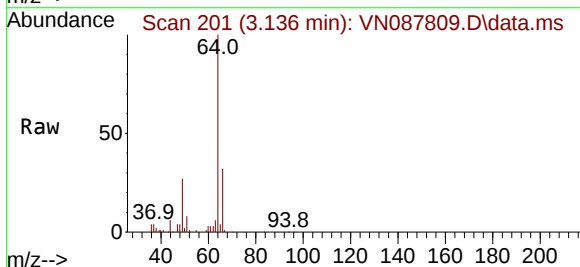
Instrument :
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Tgt Ion: 94 Resp: 67071
Ion Ratio Lower Upper
94 100
96 91.4 75.4 113.2



#6
Chloroethane
Concen: 42.391 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 64 Resp: 120647
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2

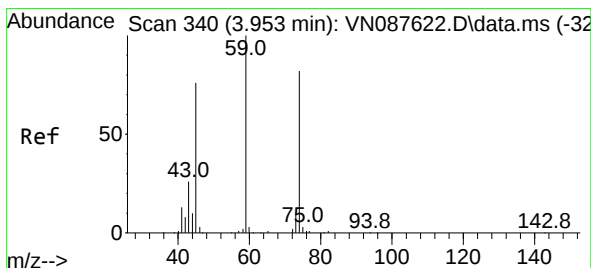
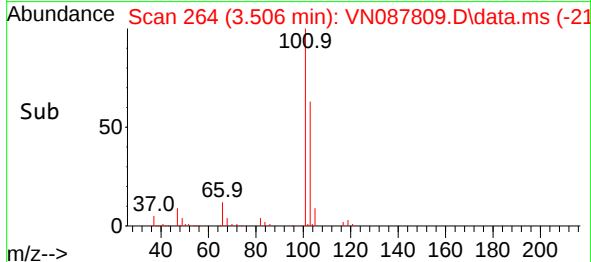
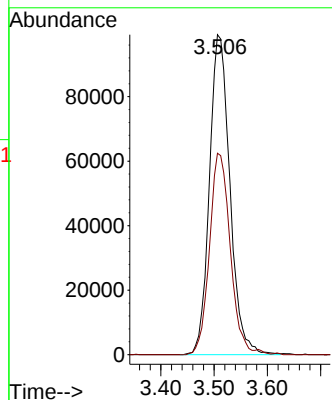
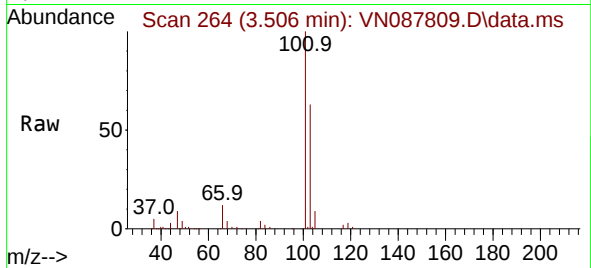




#7
Trichlorofluoromethane
Concen: 44.562 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

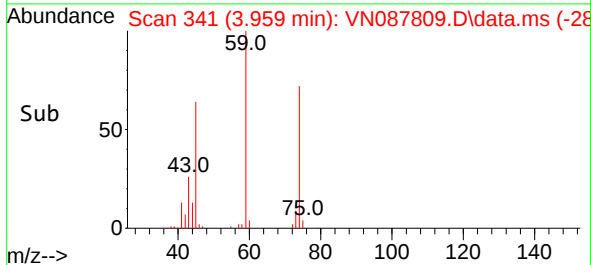
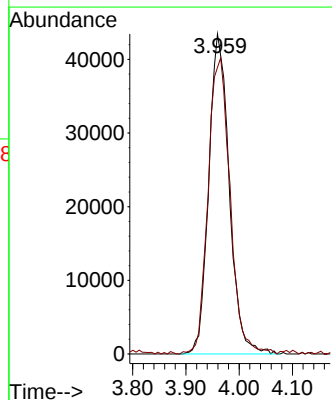
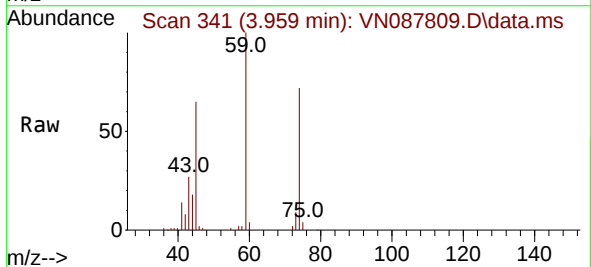
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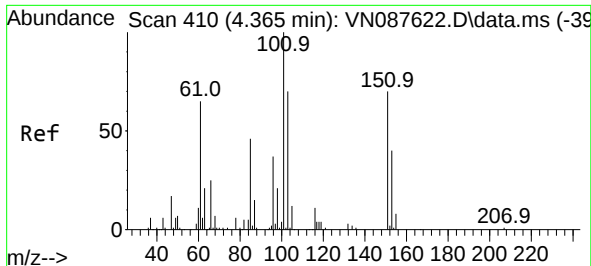
Tgt Ion:101 Resp: 264376
Ion Ratio Lower Upper
101 100
103 63.0 49.4 74.0



#8
Diethyl Ether
Concen: 45.026 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 74 Resp: 116336
Ion Ratio Lower Upper
74 100
45 99.3 50.6 151.9

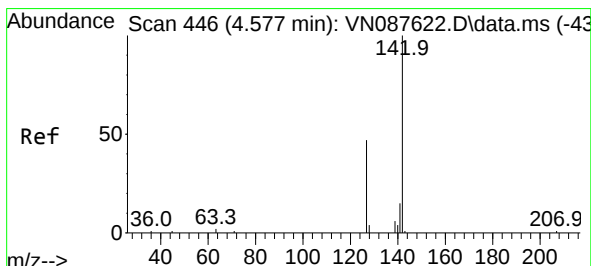
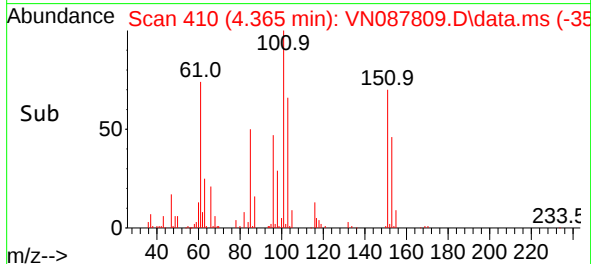
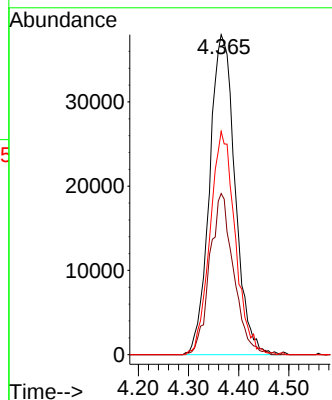
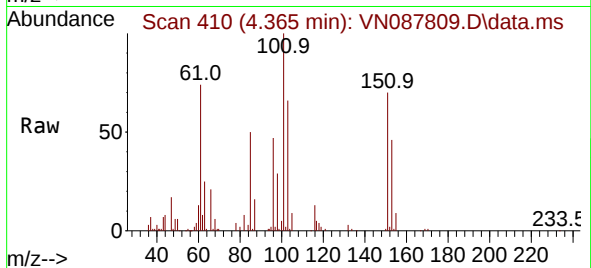




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.937 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087809.D
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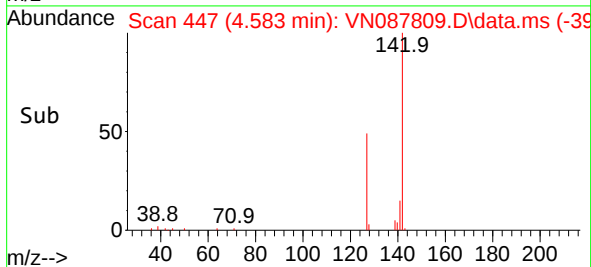
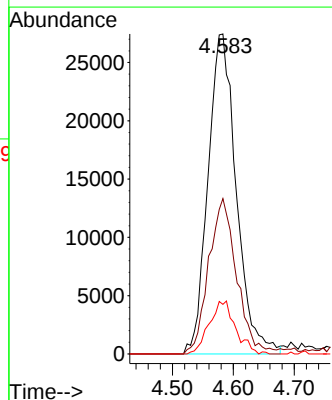
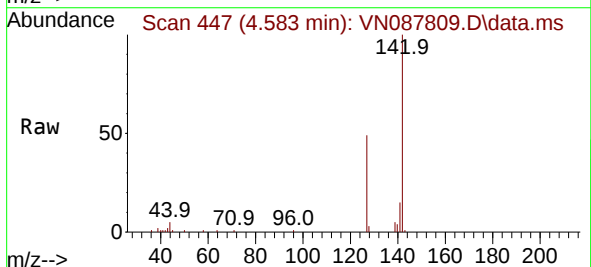
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

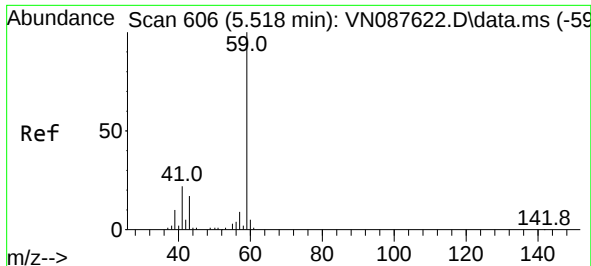
Tgt Ion:101 Resp: 134067
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 68.9 54.7 82.1



#10
Methyl Iodide
Concen: 37.334 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:142 Resp: 88652
Ion Ratio Lower Upper
142 100
127 48.6 38.0 57.0
141 15.5 12.0 18.0

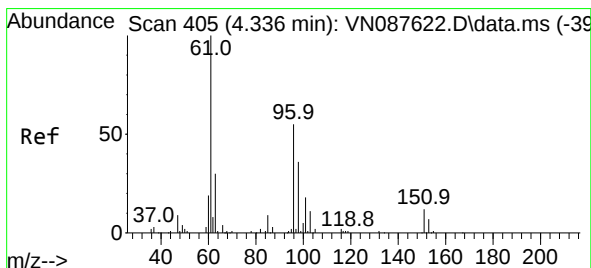
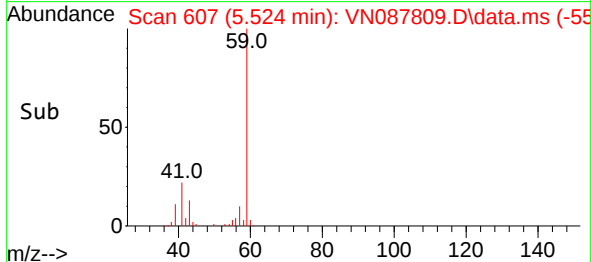
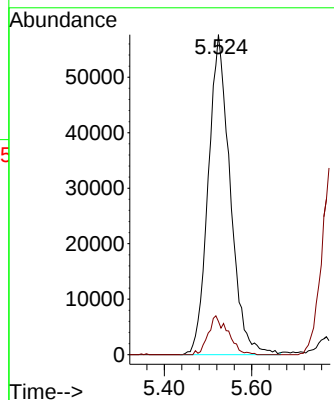
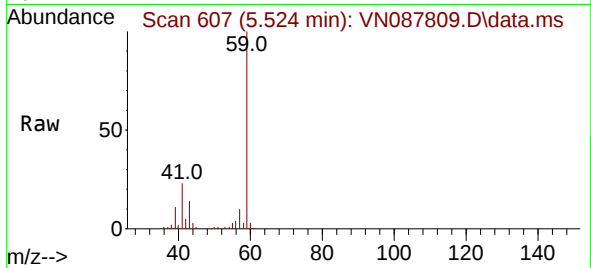




#11
Tert butyl alcohol
Concen: 235.952 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

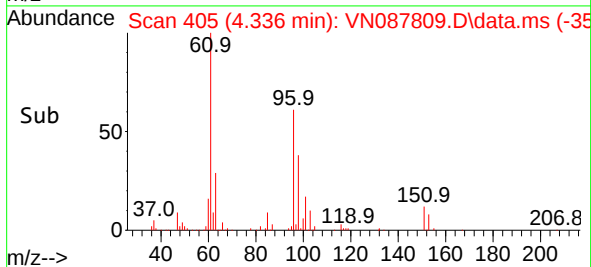
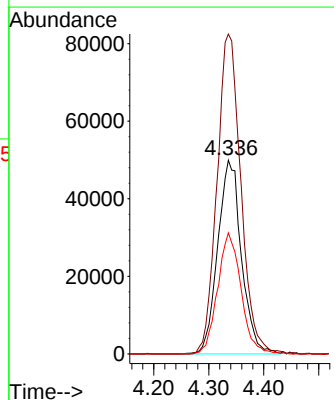
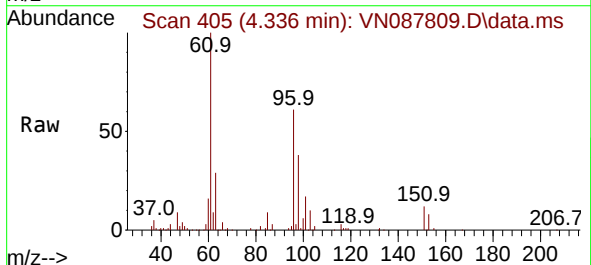
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

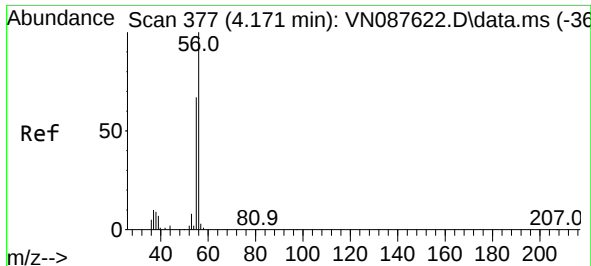
Tgt Ion: 59 Resp: 200816
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 43.354 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 96 Resp: 149560
Ion Ratio Lower Upper
96 100
61 165.1 143.8 215.8
98 62.5 52.1 78.1





#13

Acrolein

Concen: 139.524 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

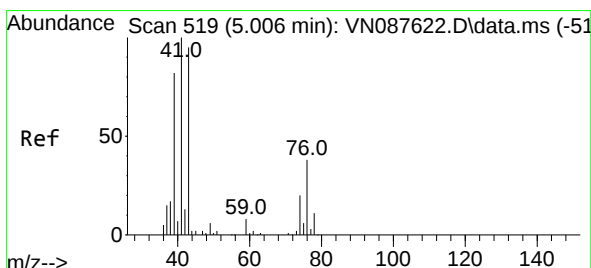
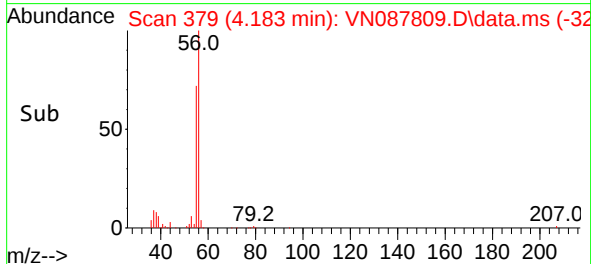
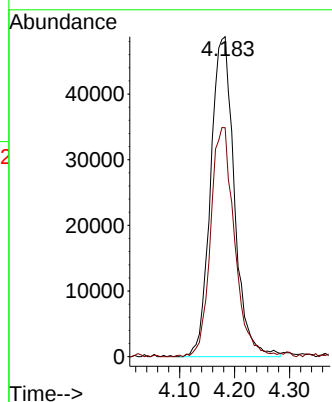
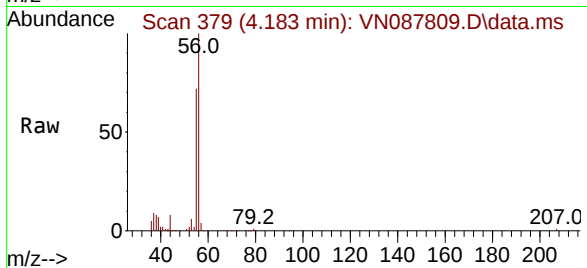
VSTDCCC050EC

Tgt Ion: 56 Resp: 145984

Ion Ratio Lower Upper

56 100

55 72.1 57.3 85.9



#14

Allyl chloride

Concen: 37.742 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

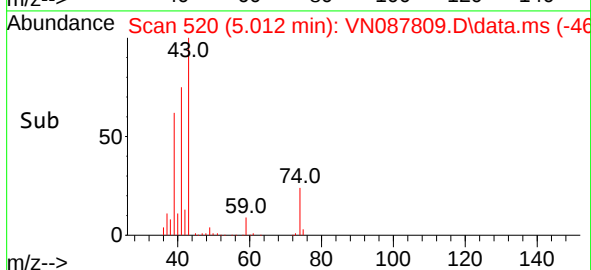
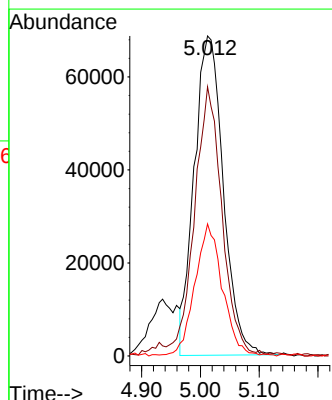
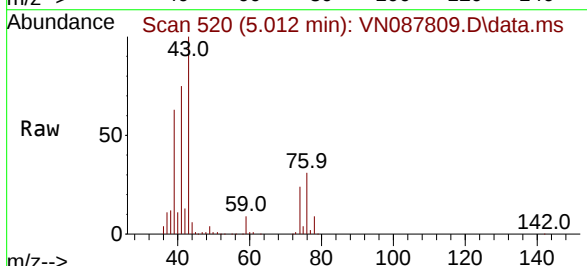
Tgt Ion: 41 Resp: 235943

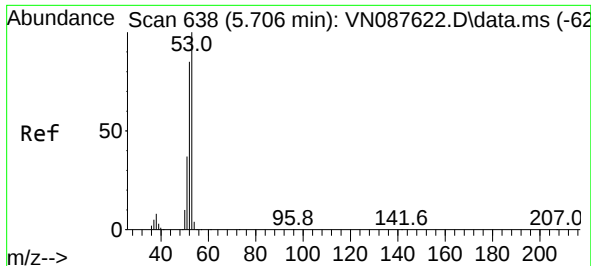
Ion Ratio Lower Upper

41 100

39 78.5 63.9 95.9

76 39.4 28.1 42.1

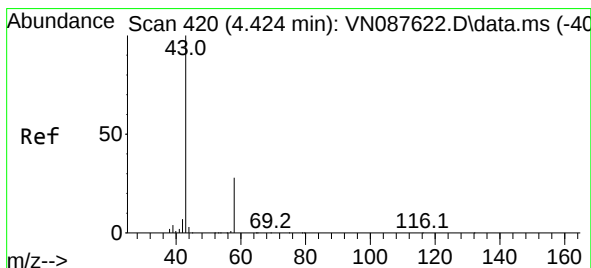
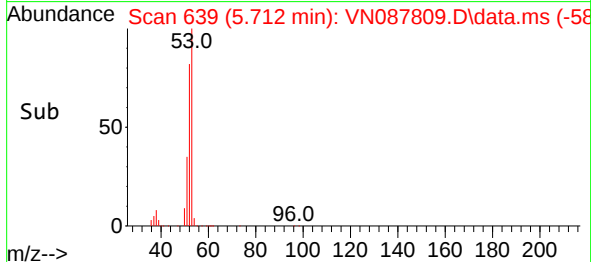
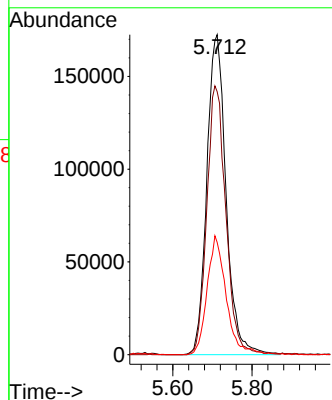
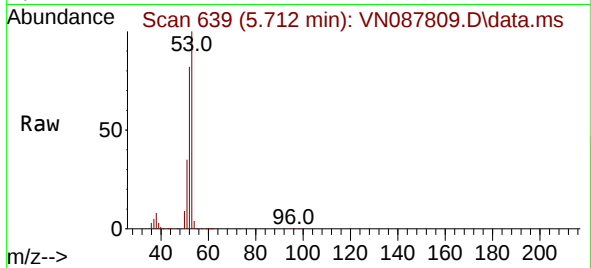




#15
Acrylonitrile
Concen: 242.024 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

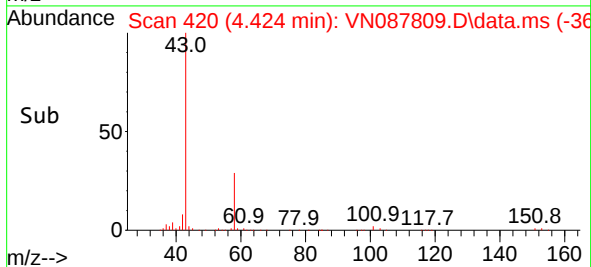
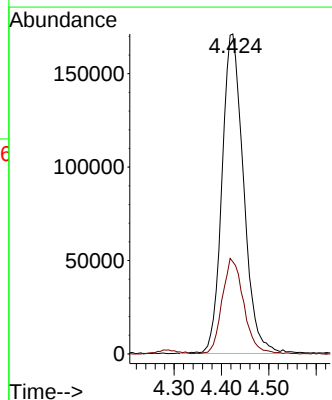
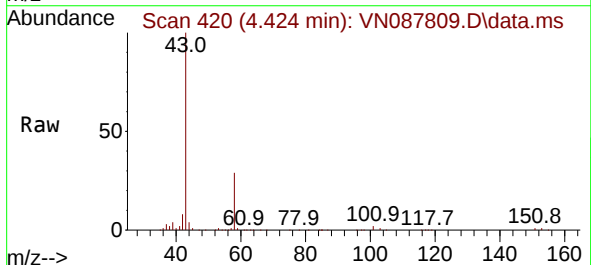
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

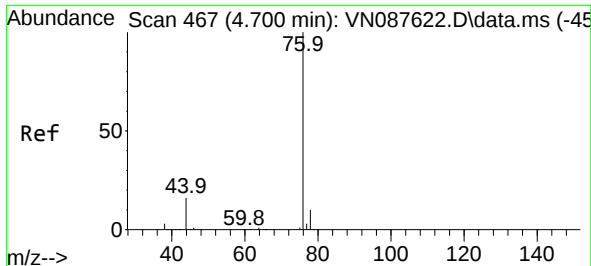
Tgt Ion: 53 Resp: 580923
Ion Ratio Lower Upper
53 100
52 83.0 67.6 101.4
51 36.9 30.1 45.1



#16
Acetone
Concen: 202.349 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 43 Resp: 540018
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8

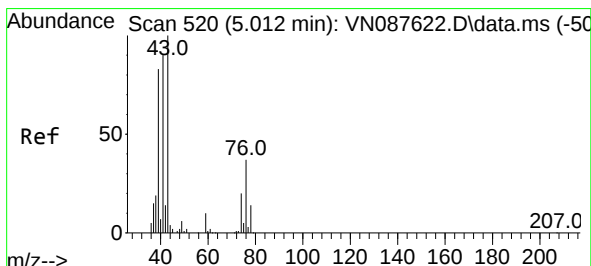
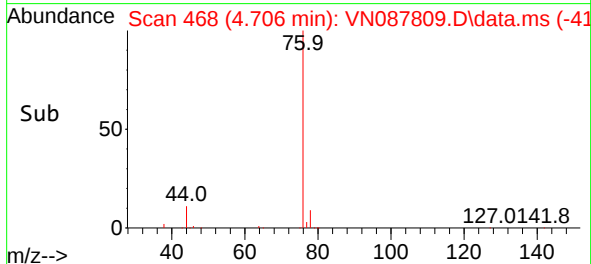
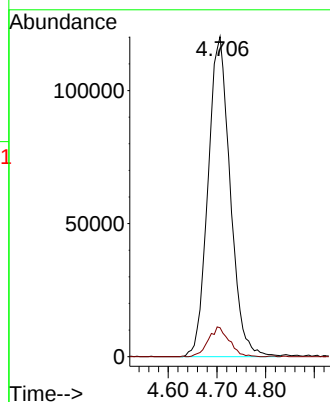
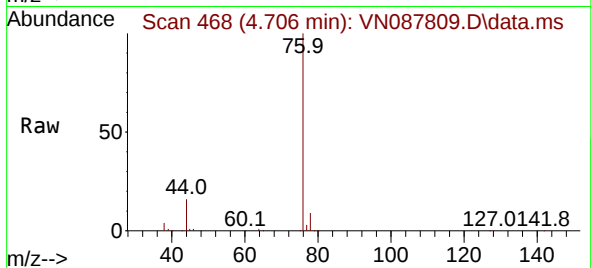




#17
Carbon Disulfide
Concen: 40.004 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

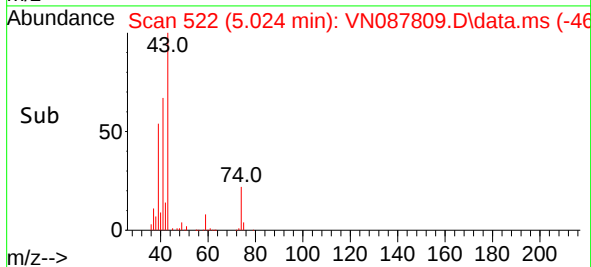
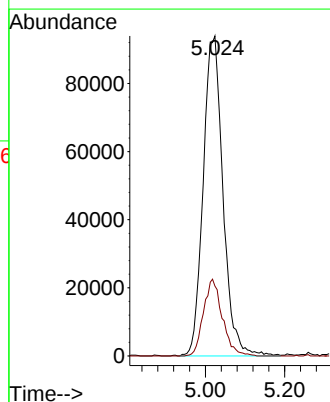
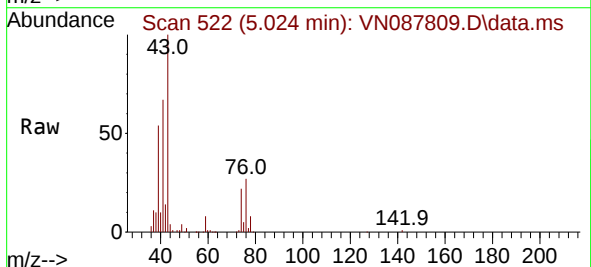
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

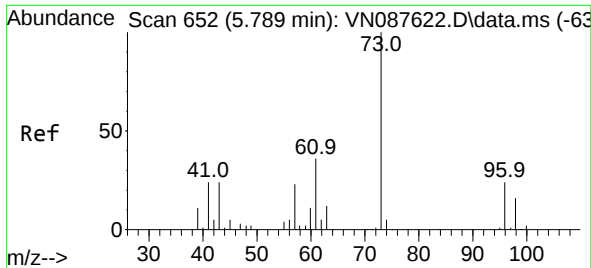
Tgt Ion: 76 Resp: 379919
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 58.378 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 43 Resp: 326205
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4

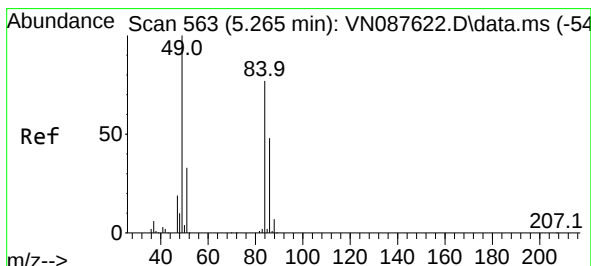
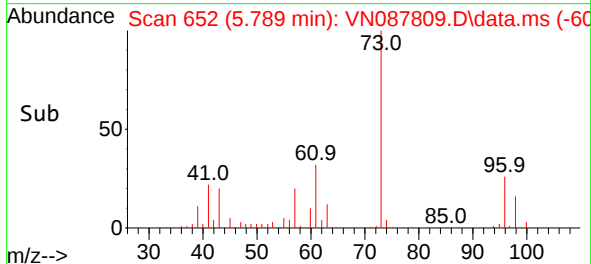
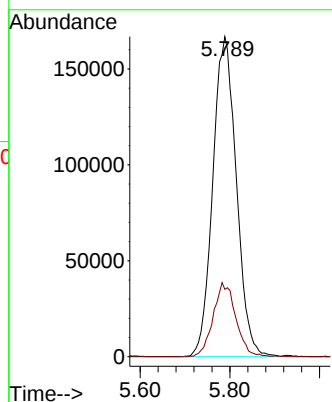
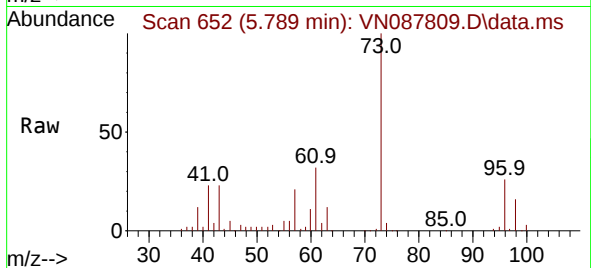




#19
Methyl tert-butyl Ether
Concen: 47.023 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

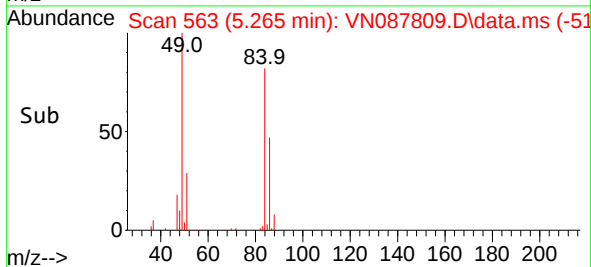
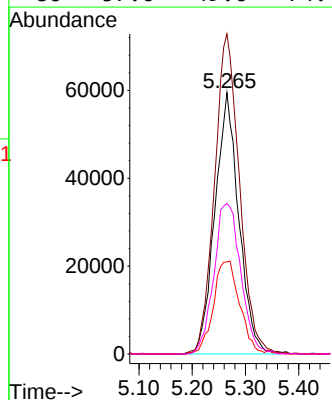
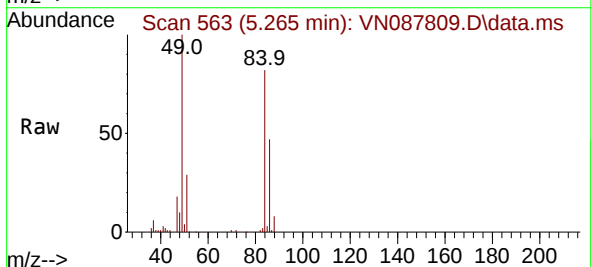
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

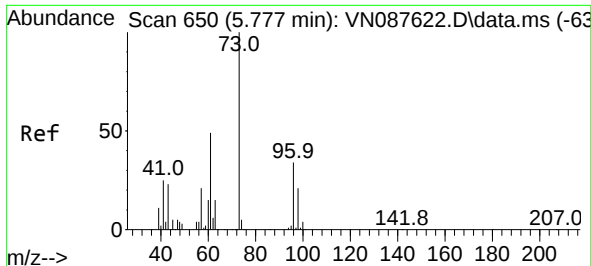
Tgt Ion: 73 Resp: 608541
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6



#20
Methylene Chloride
Concen: 47.969 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 84 Resp: 185360
Ion Ratio Lower Upper
84 100
49 122.4 103.4 155.2
51 35.2 33.8 50.8
86 57.6 49.6 74.4

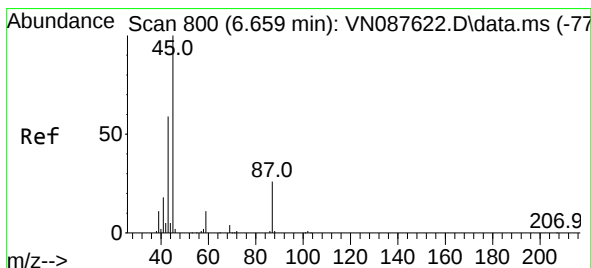
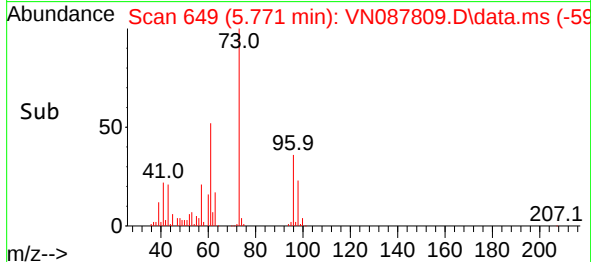
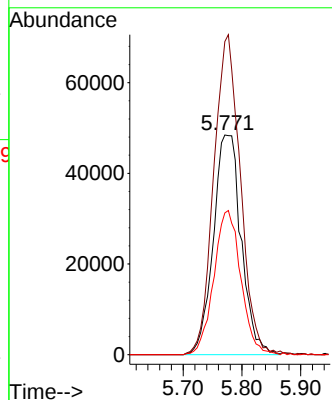
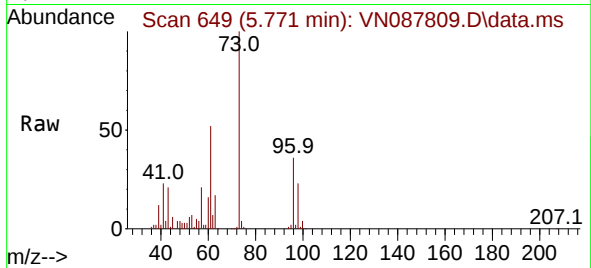




#21
trans-1,2-Dichloroethene
Concen: 42.616 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

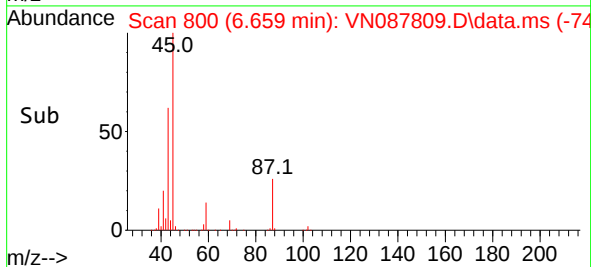
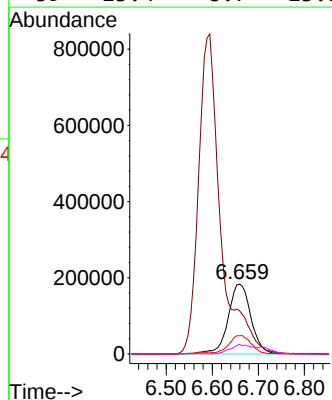
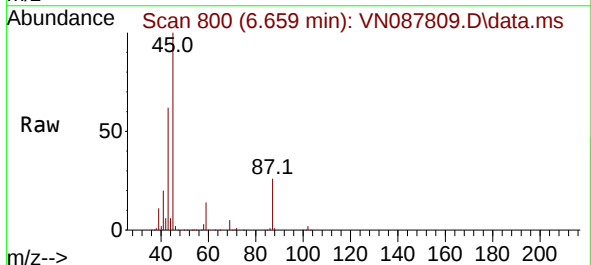
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

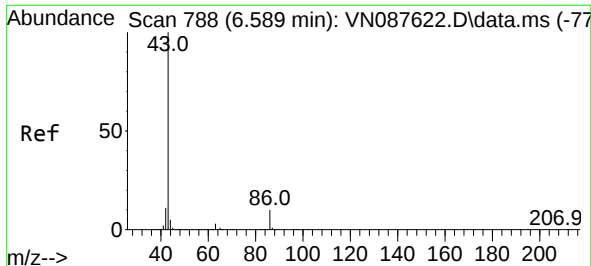
Tgt Ion: 96 Resp: 159331
Ion Ratio Lower Upper
96 100
61 142.5 118.0 177.0
98 64.5 50.0 75.0



#22
Diisopropyl ether
Concen: 46.496 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 45 Resp: 627262
Ion Ratio Lower Upper
45 100
43 60.4 47.7 71.5
87 25.8 21.4 32.0
59 13.4 8.7 13.1#

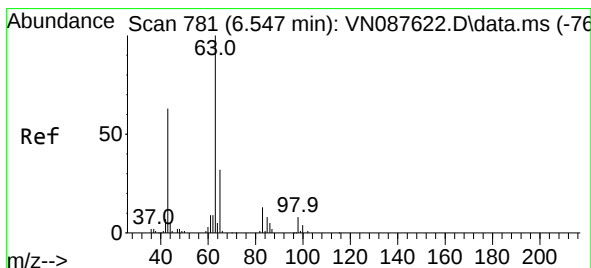
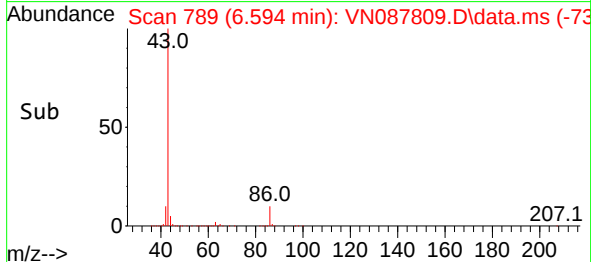
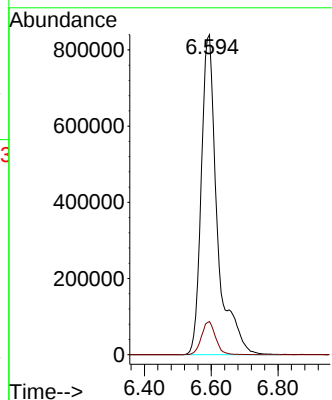
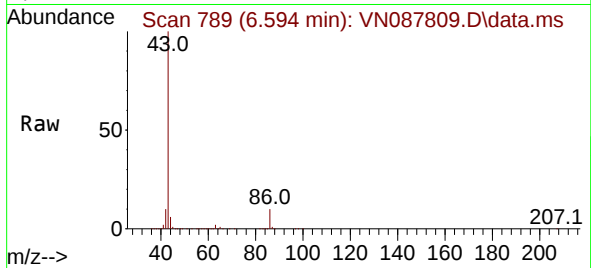




#23
 Vinyl Acetate
 Concen: 227.341 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

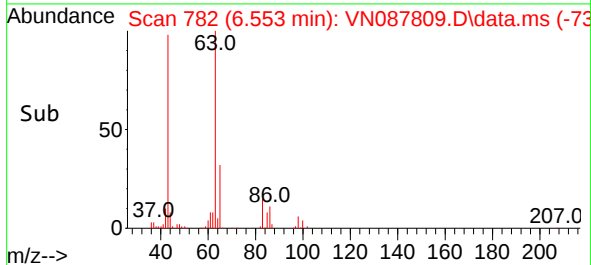
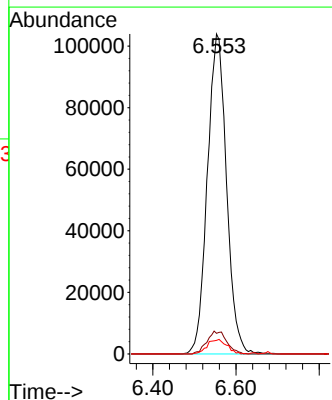
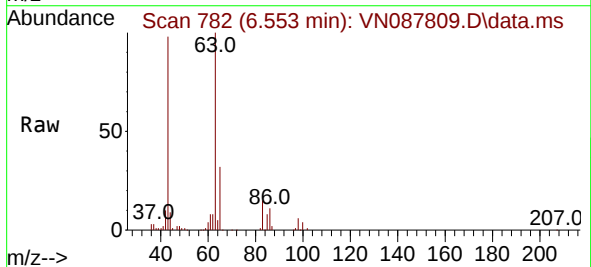
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2790307
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 44.858 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

Tgt Ion: 63 Resp: 331806
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.3 2.0 6.0

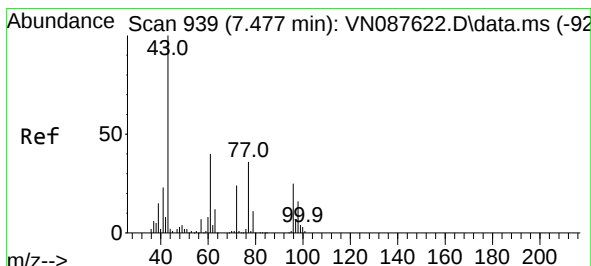
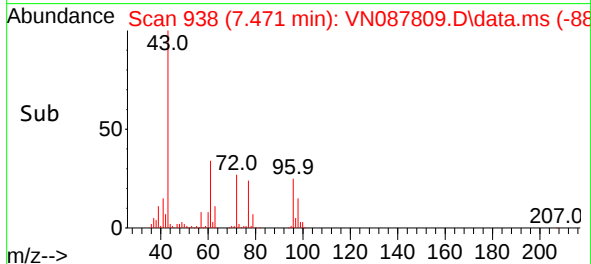
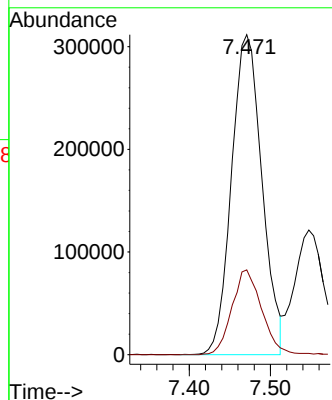
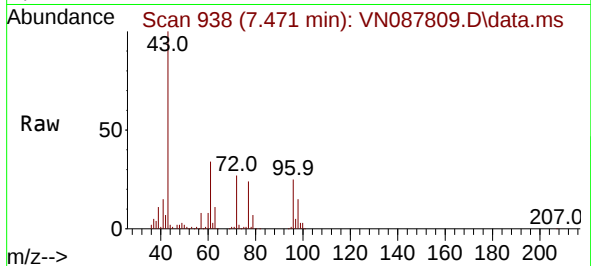




#25
2-Butanone
Concen: 231.460 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

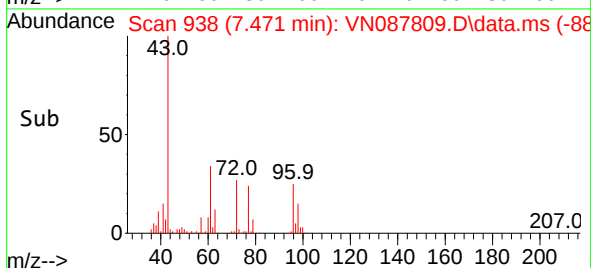
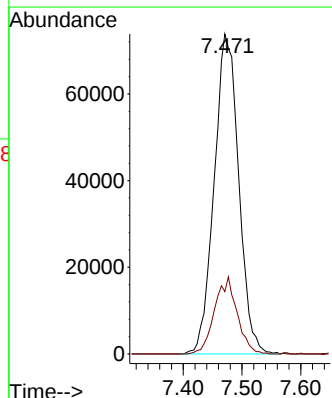
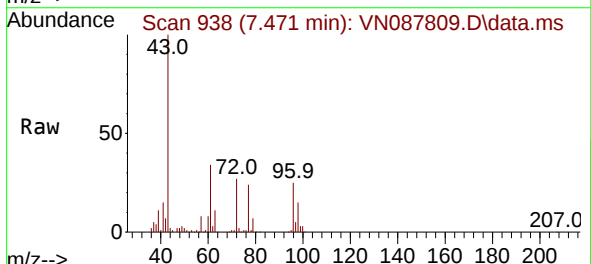
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 812672
Ion Ratio Lower Upper
43 100
72 26.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 33.663 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 77 Resp: 213707
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7

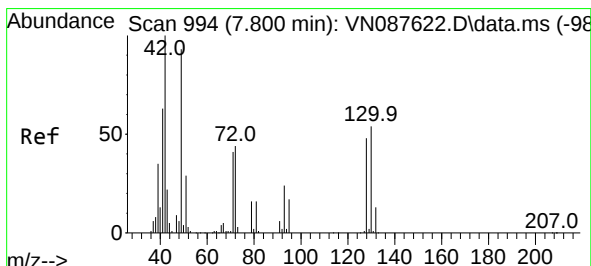
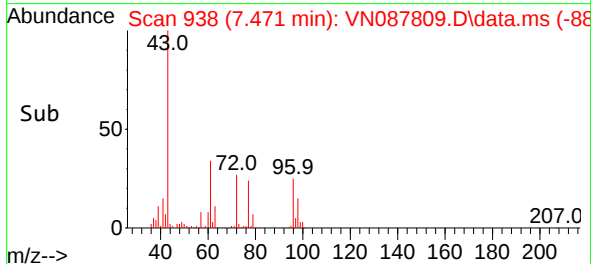
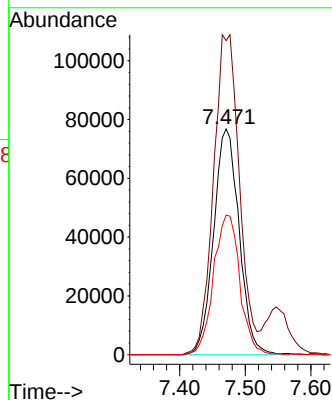
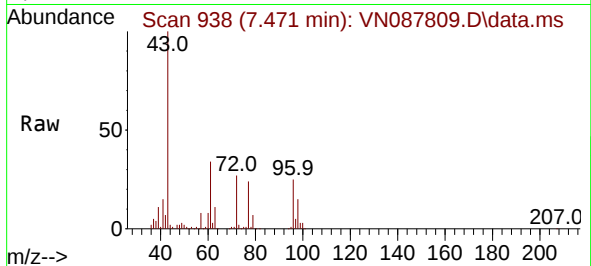




#27
 cis-1,2-Dichloroethene
 Concen: 46.335 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

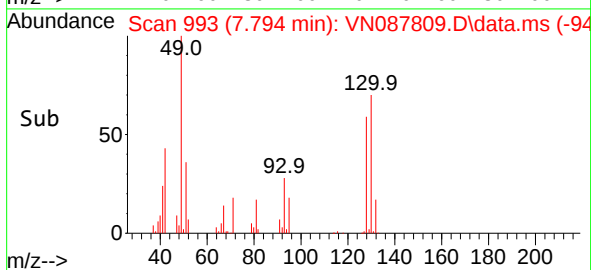
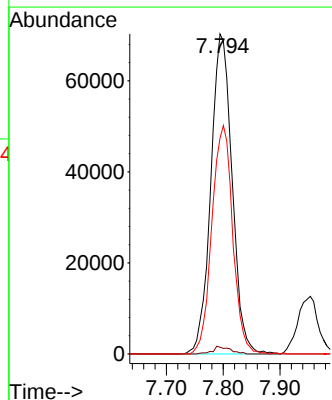
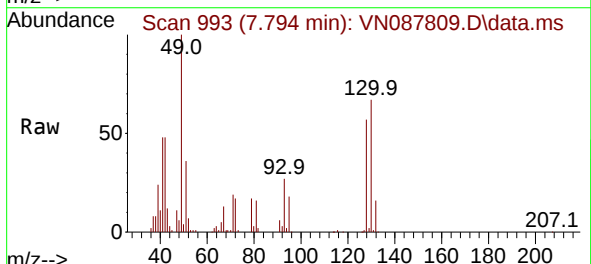
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 207102
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 301.8
 98 63.7 0.0 126.2



#28
 Bromochloromethane
 Concen: 51.085 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

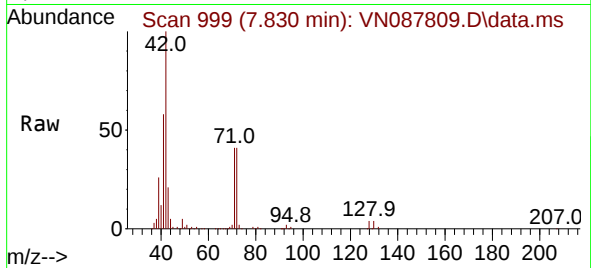
Tgt Ion: 49 Resp: 182677
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 69.9 53.1 79.7



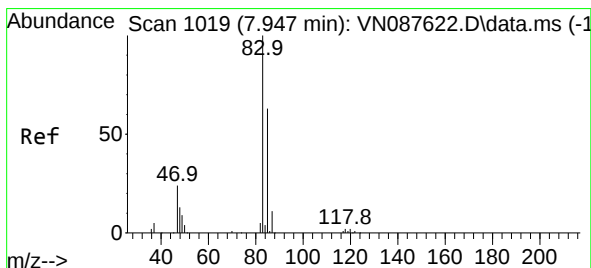
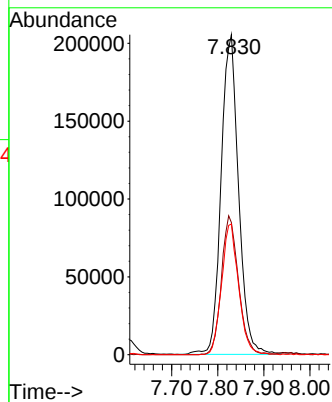
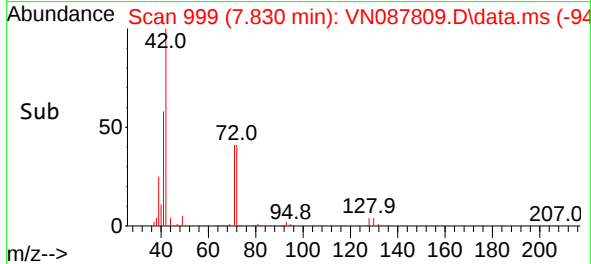


#29
Tetrahydrofuran
Concen: 238.564 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

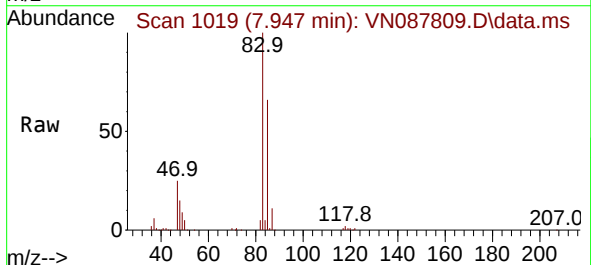
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



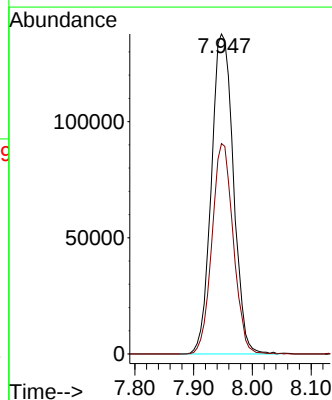
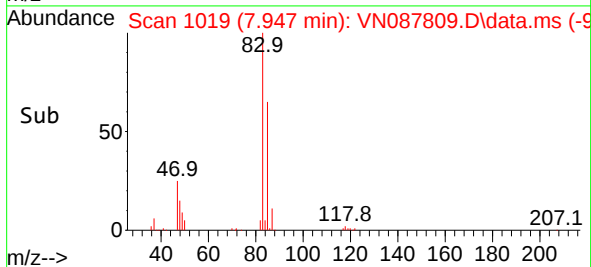
Tgt Ion: 42 Resp: 539053
Ion Ratio Lower Upper
42 100
72 42.5 33.7 50.5
71 39.9 31.9 47.9

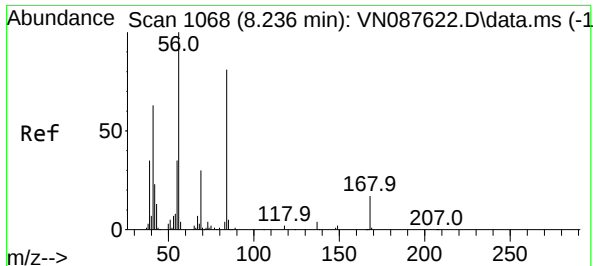


#30
Chloroform
Concen: 47.513 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14



Tgt Ion: 83 Resp: 358719
Ion Ratio Lower Upper
83 100
85 65.8 50.7 76.1

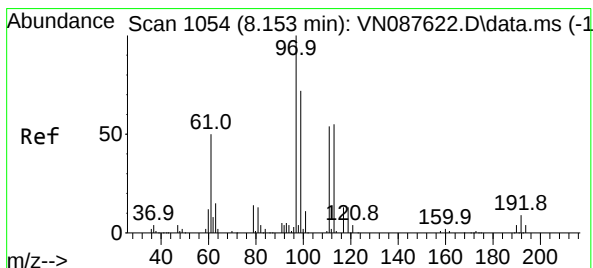
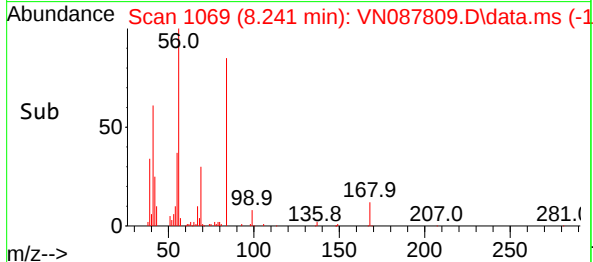
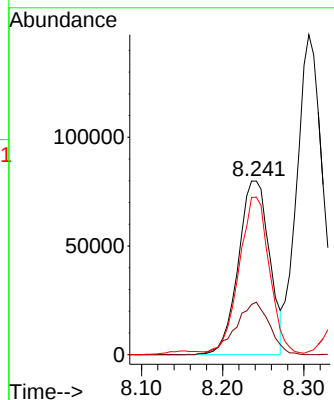
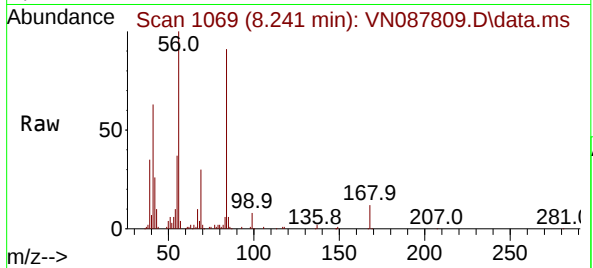




#31
Cyclohexane
Concen: 34.578 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

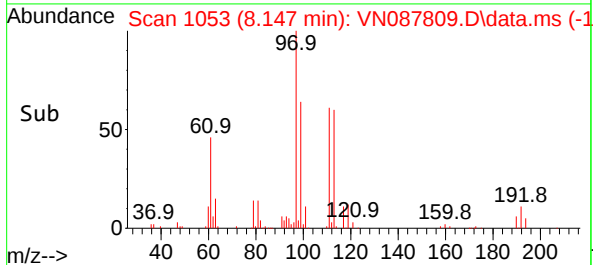
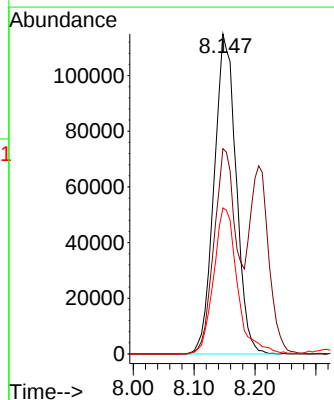
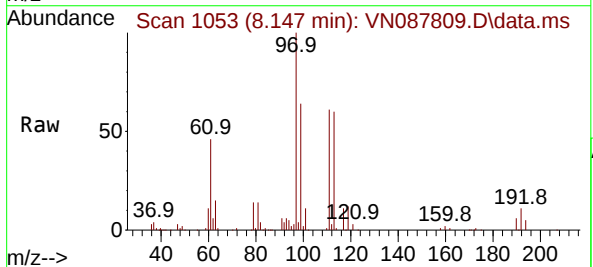
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

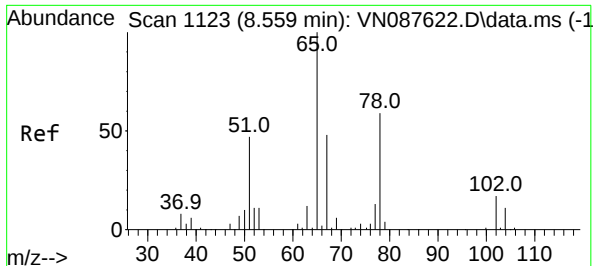
Tgt Ion: 56 Resp: 213222
Ion Ratio Lower Upper
56 100
69 30.2 23.7 35.5
84 88.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 45.057 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 97 Resp: 288288
Ion Ratio Lower Upper
97 100
99 66.2 52.2 78.2
61 49.2 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.464 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

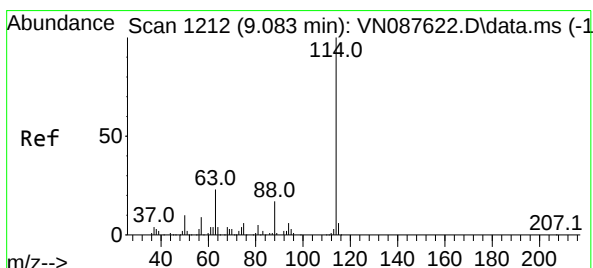
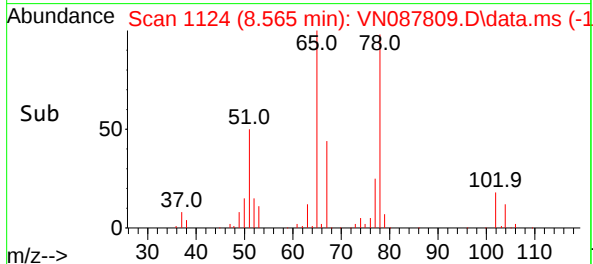
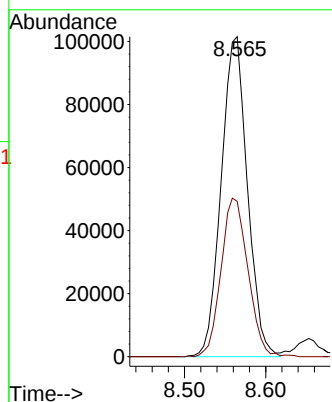
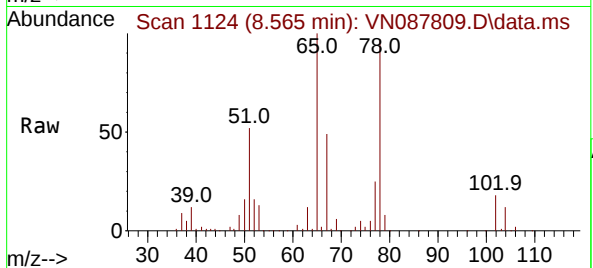
VSTDCCC050EC

Tgt Ion: 65 Resp: 227786

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

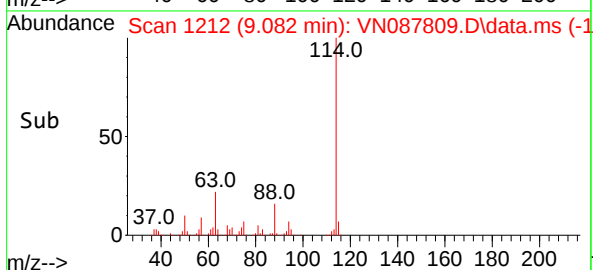
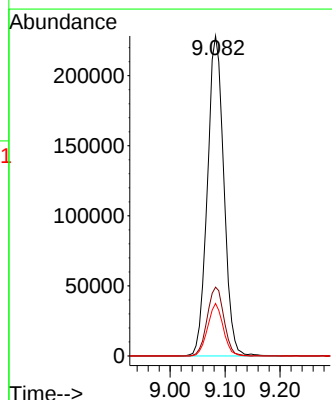
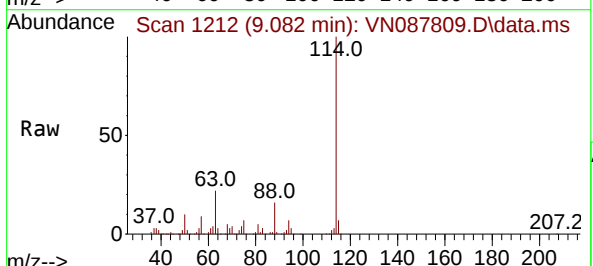
Tgt Ion: 114 Resp: 473432

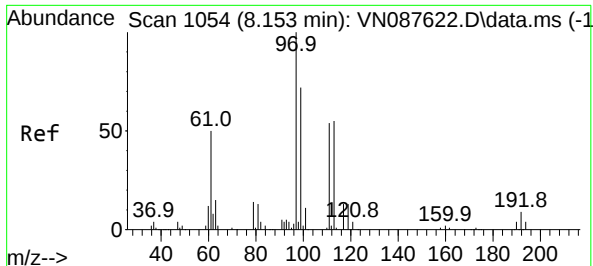
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.2

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.055 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

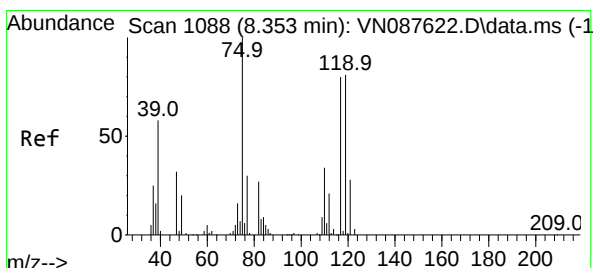
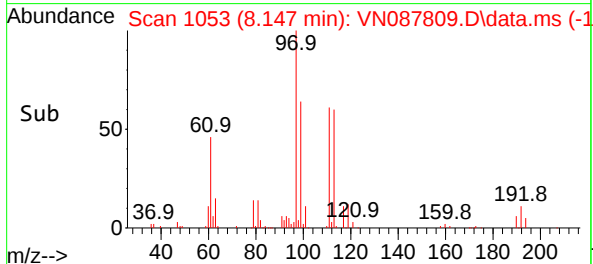
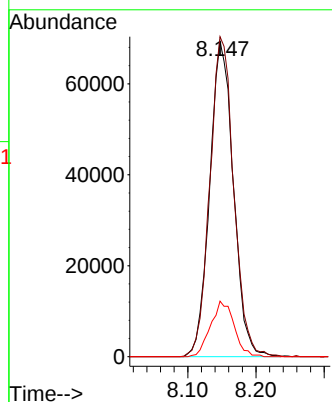
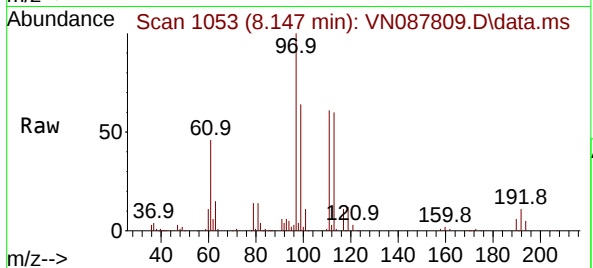
Tgt Ion:113 Resp: 167679

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 17.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 39.765 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

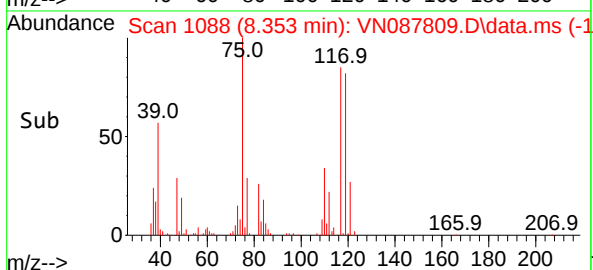
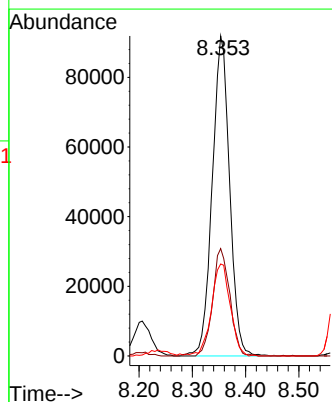
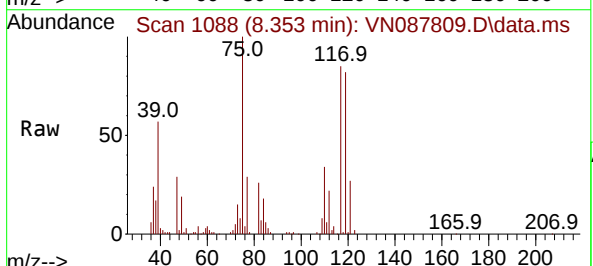
Tgt Ion: 75 Resp: 208521

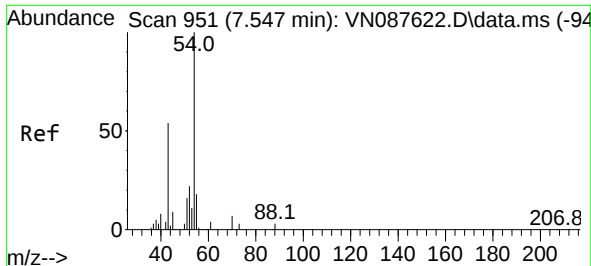
Ion Ratio Lower Upper

75 100

110 33.0 15.9 47.6

77 31.2 24.4 36.6

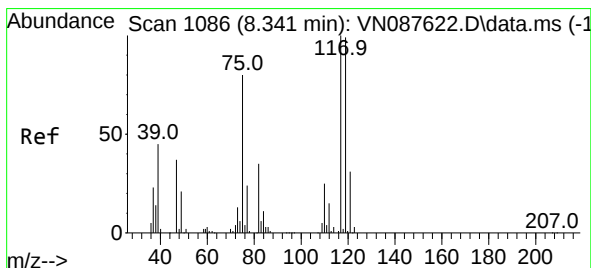
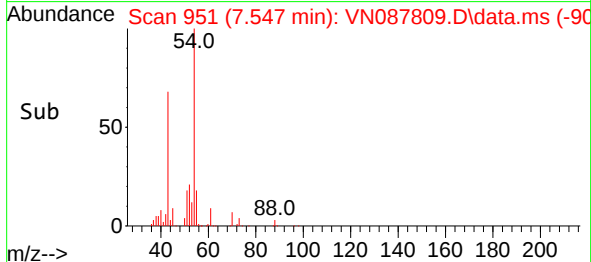
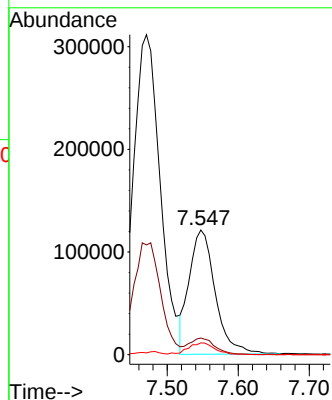
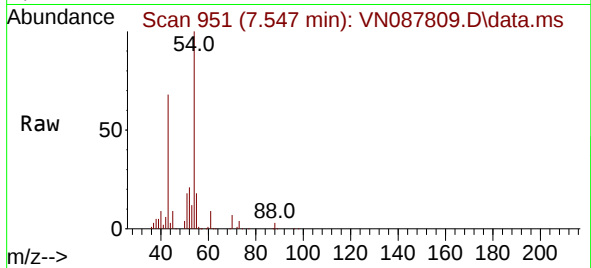




#37
Ethyl Acetate
Concen: 43.203 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

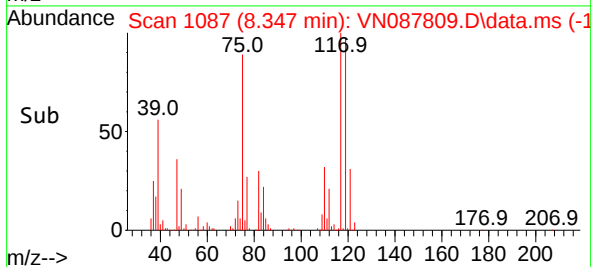
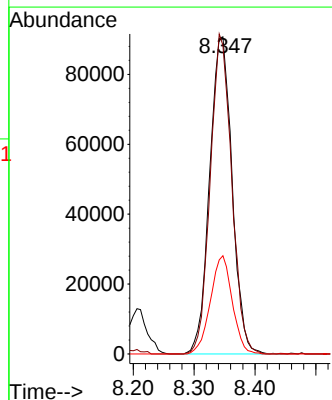
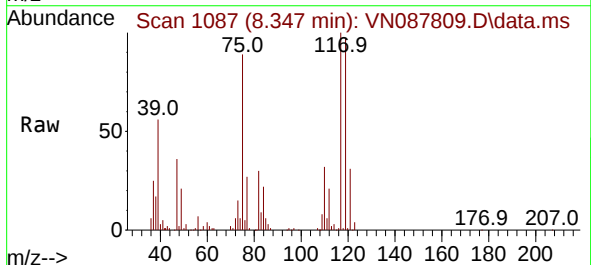
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

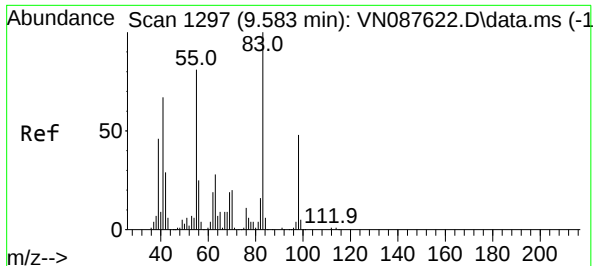
Tgt Ion: 43 Resp: 309579
Ion Ratio Lower Upper
43 100
61 12.7 9.3 13.9
70 9.9 7.0 10.6



#38
Carbon Tetrachloride
Concen: 44.881 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 117 Resp: 232371
Ion Ratio Lower Upper
117 100
119 97.3 79.0 118.6
121 31.0 25.0 37.6





#39

Methylcyclohexane

Concen: 33.680 ug/l

RT: 9.582 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

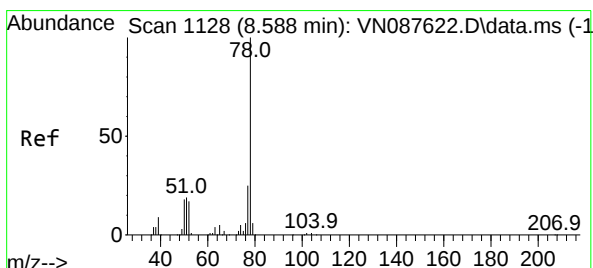
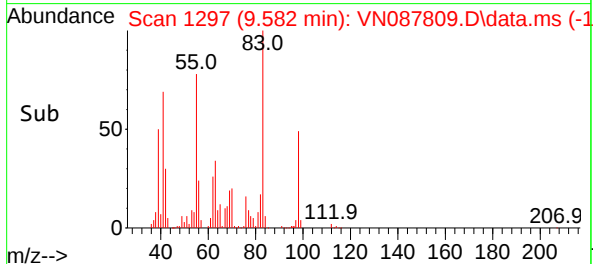
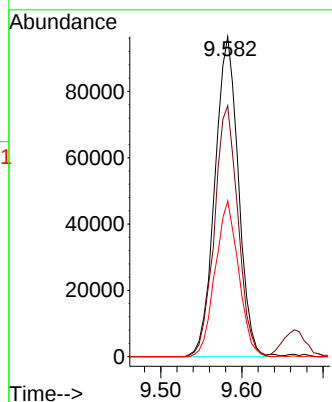
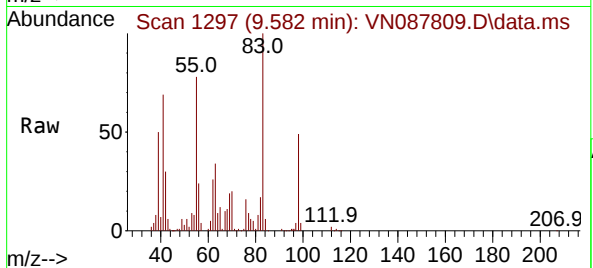
Tgt Ion: 83 Resp: 194443

Ion Ratio Lower Upper

83 100

55 78.4 64.6 96.8

98 48.7 38.4 57.6



#40

Benzene

Concen: 45.251 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087809.D

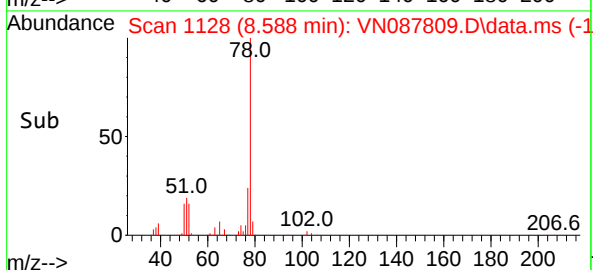
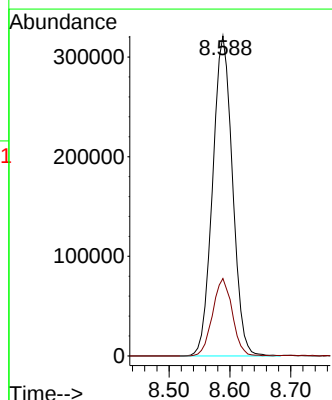
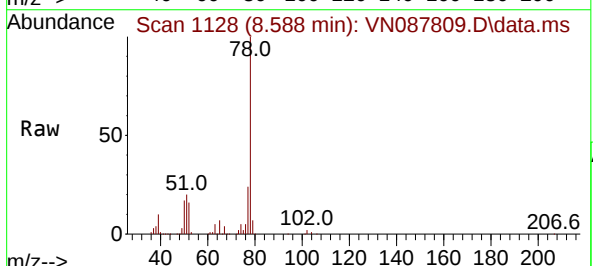
Acq: 11 Sep 2025 19:14

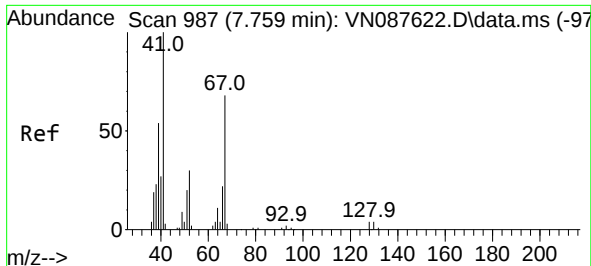
Tgt Ion: 78 Resp: 727801

Ion Ratio Lower Upper

78 100

77 24.2 19.7 29.5

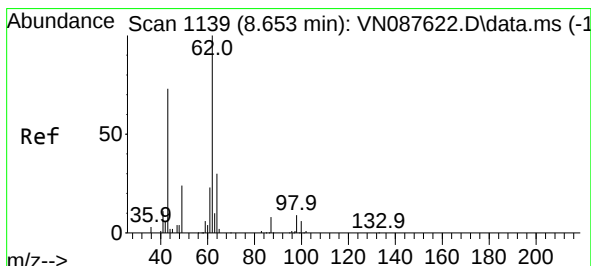
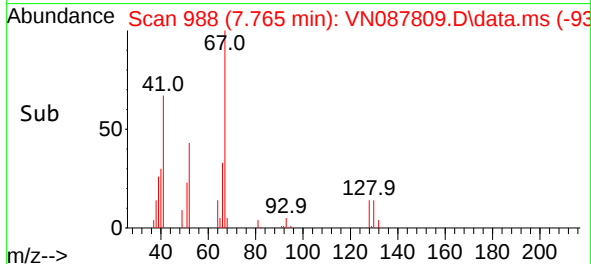
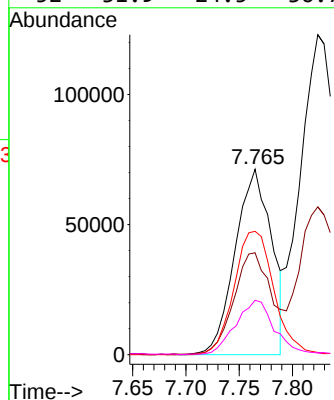
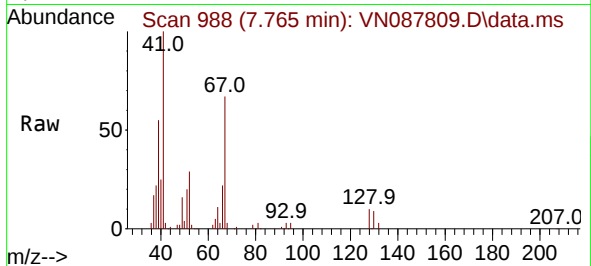




#41
Methacrylonitrile
Concen: 45.728 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

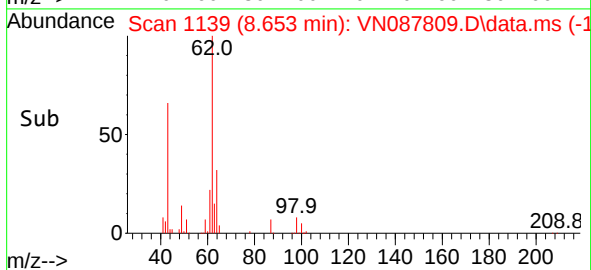
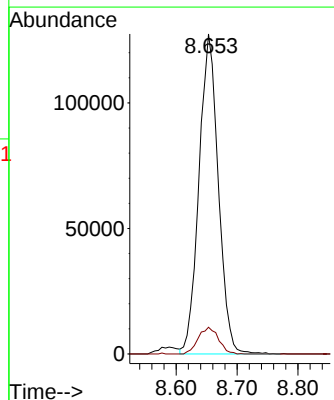
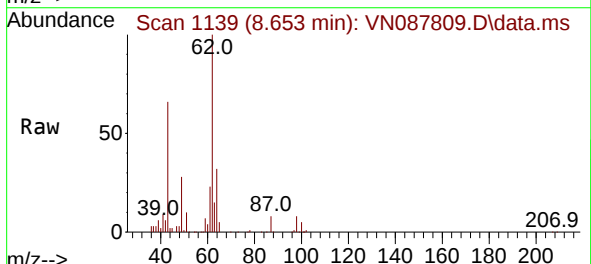
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

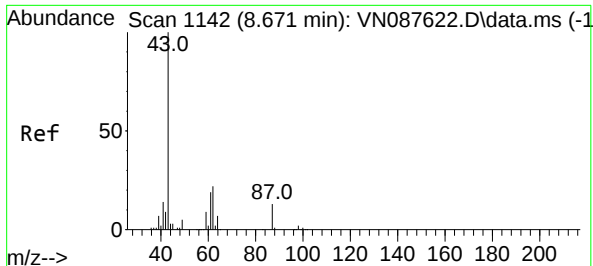
Tgt Ion: 41 Resp: 169735
Ion Ratio Lower Upper
41 100
39 59.8 45.4 68.0
67 72.5 55.3 82.9
52 31.9 24.5 36.7



#42
1,2-Dichloroethane
Concen: 45.464 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 62 Resp: 280998
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4

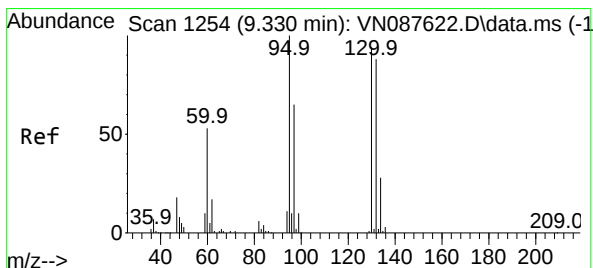
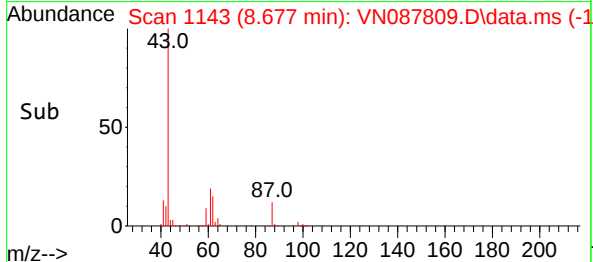
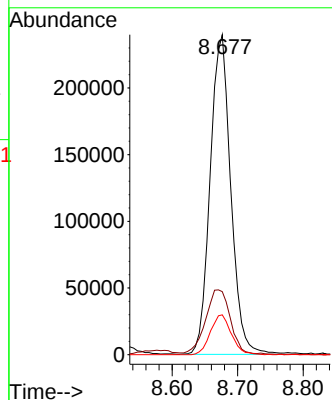
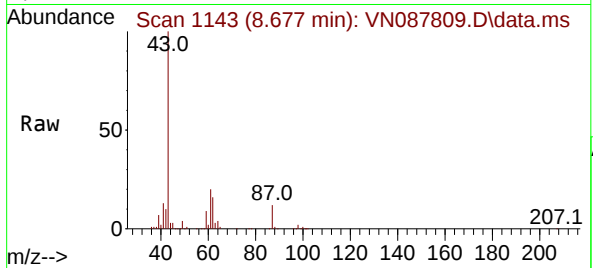




#43
Isopropyl Acetate
Concen: 46.843 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

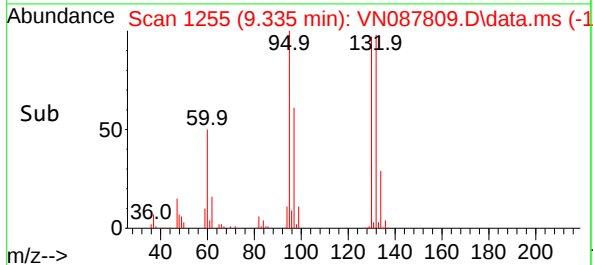
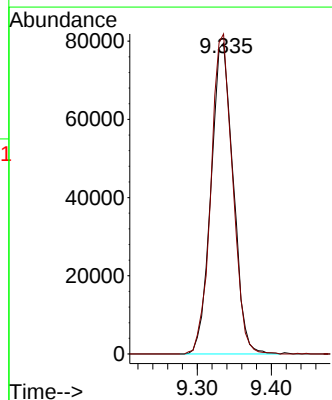
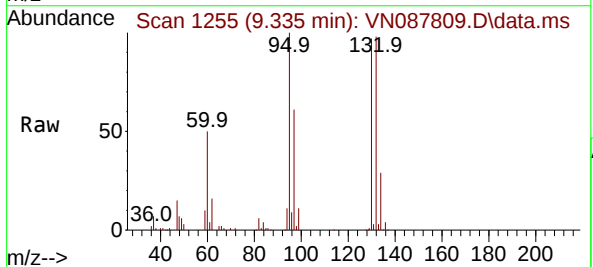
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

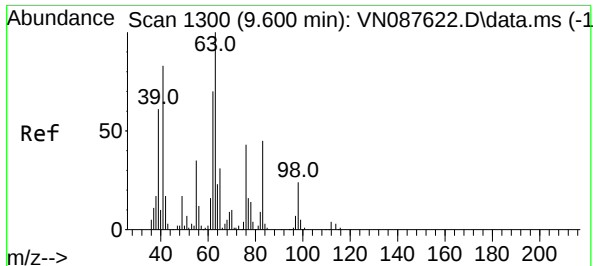
Tgt Ion: 43 Resp: 524060
Ion Ratio Lower Upper
43 100
61 23.7 18.8 28.2
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 45.042 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:130 Resp: 165398
Ion Ratio Lower Upper
130 100
95 103.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 45.596 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

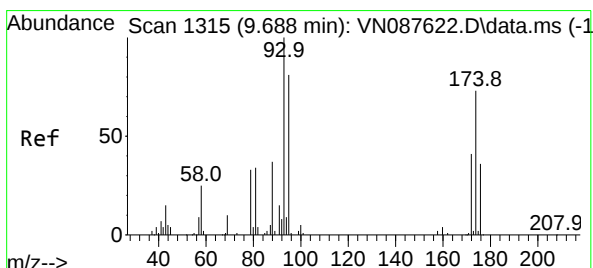
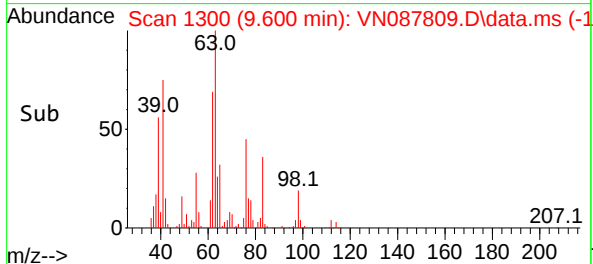
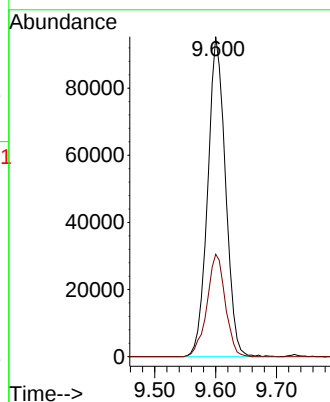
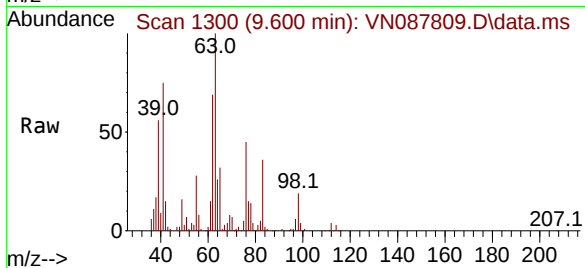
VSTDCCC050EC

Tgt Ion: 63 Resp: 193307

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4



#46

Dibromomethane

Concen: 48.339 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

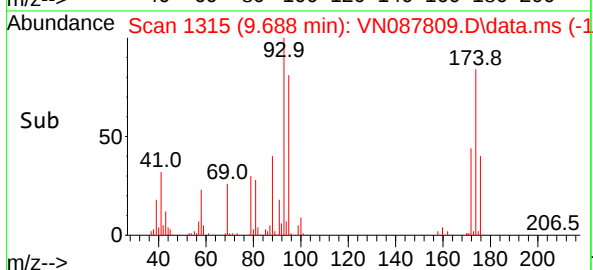
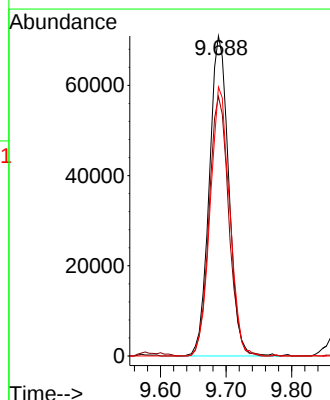
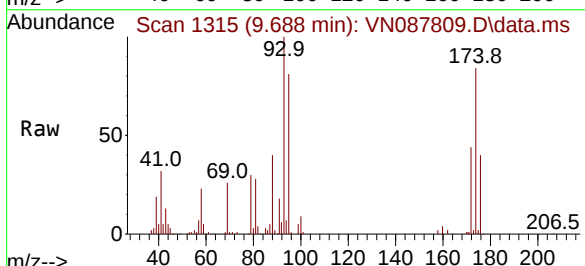
Tgt Ion: 93 Resp: 145835

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 84.1 63.4 95.2

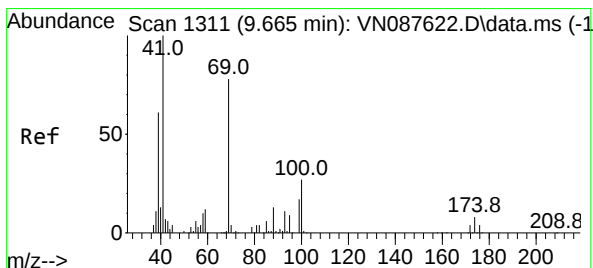
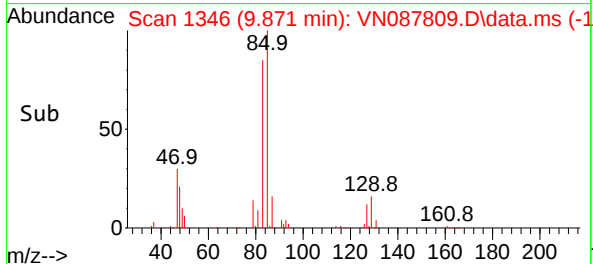
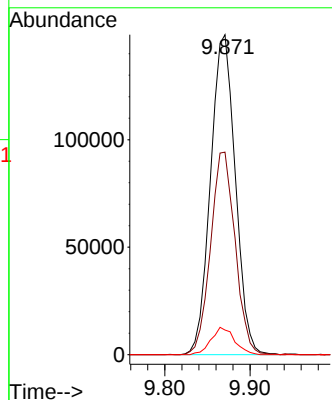
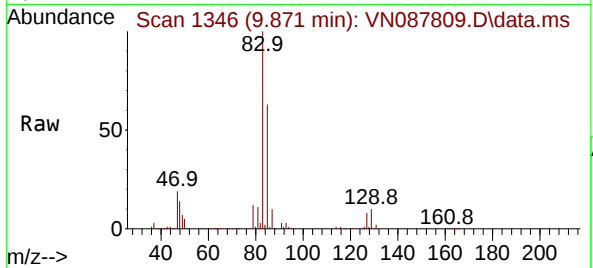




#47
Bromodichloromethane
Concen: 48.611 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

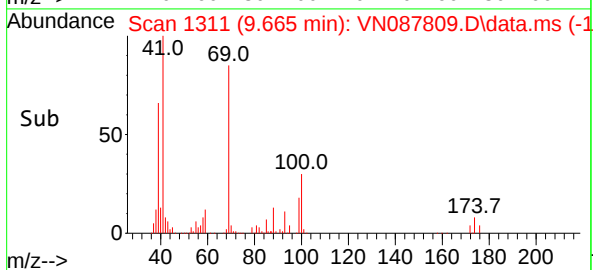
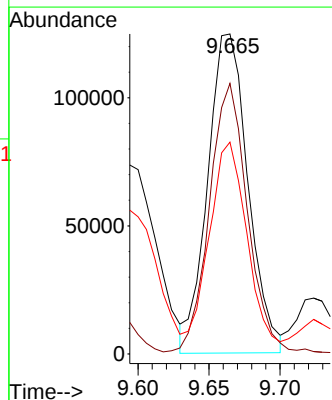
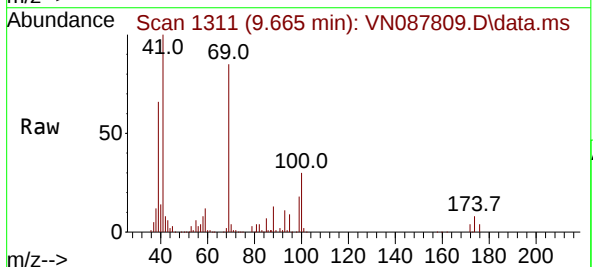
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

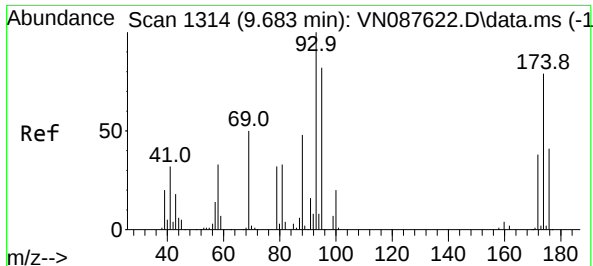
Tgt Ion: 83 Resp: 300564
Ion Ratio Lower Upper
83 100
85 63.3 52.5 78.7
127 7.7 5.8 8.6



#48
Methyl methacrylate
Concen: 46.578 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 41 Resp: 246479
Ion Ratio Lower Upper
41 100
69 81.2 62.7 94.1
39 63.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1023.060 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

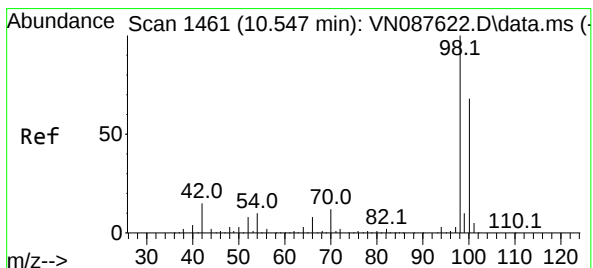
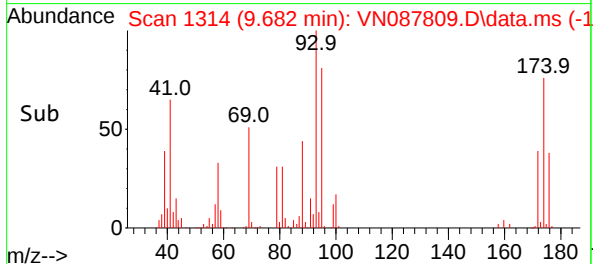
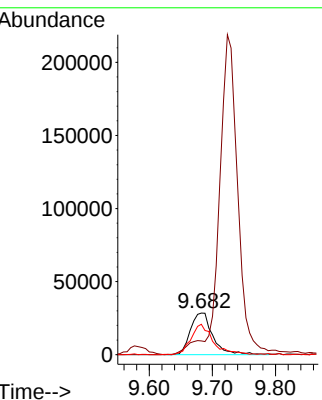
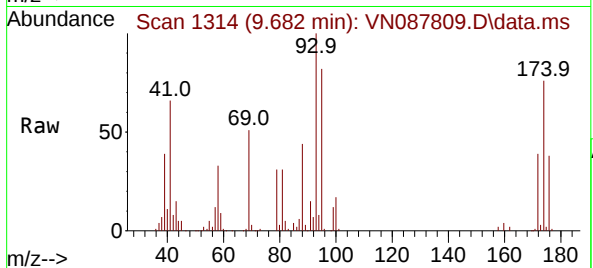
Tgt Ion: 88 Resp: 70170

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.6 57.9 86.9



#50

Toluene-d8

Concen: 46.213 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087809.D

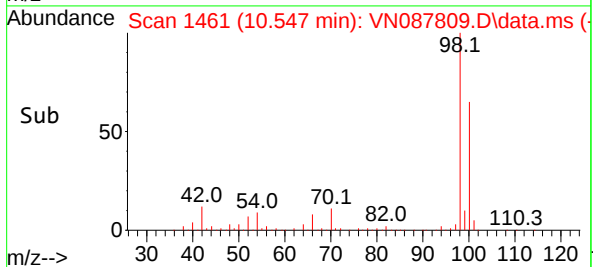
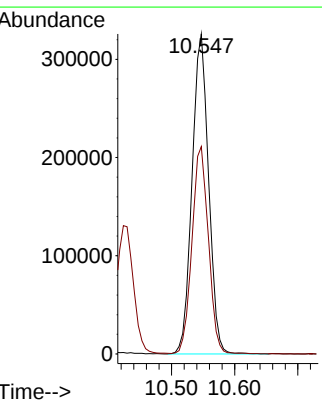
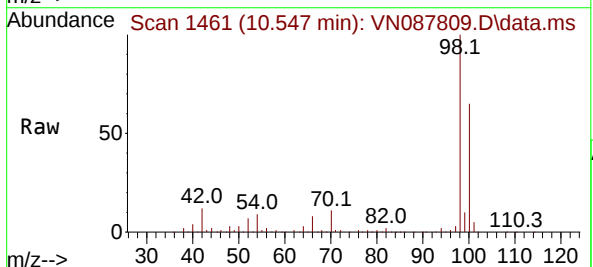
Acq: 11 Sep 2025 19:14

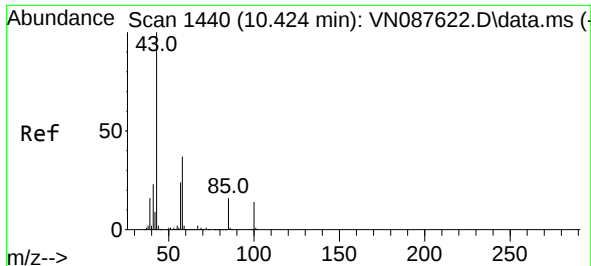
Tgt Ion: 98 Resp: 591233

Ion Ratio Lower Upper

98 100

100 64.3 52.8 79.2

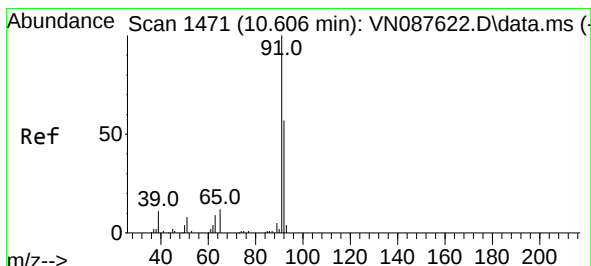
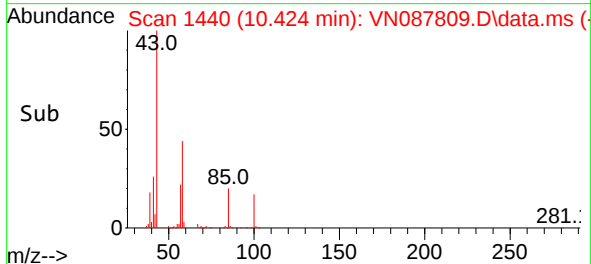
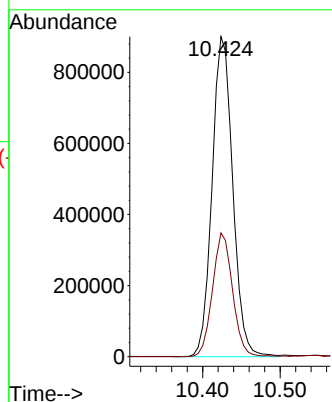
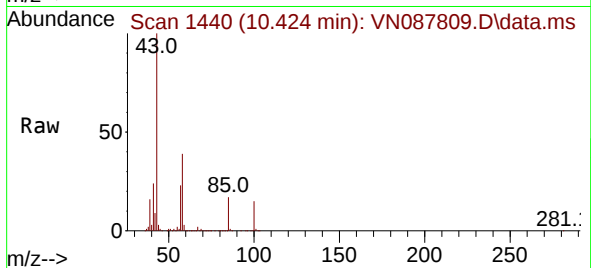




#51
4-Methyl-2-Pentanone
Concen: 247.348 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

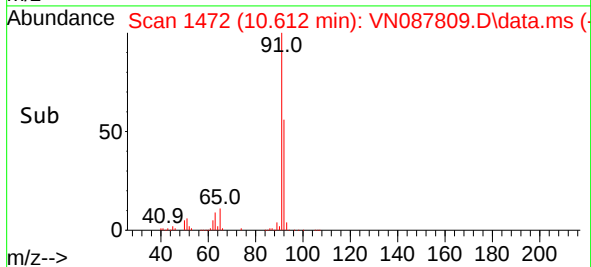
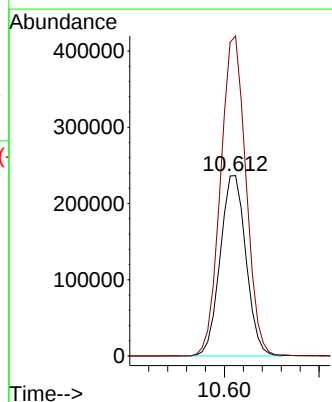
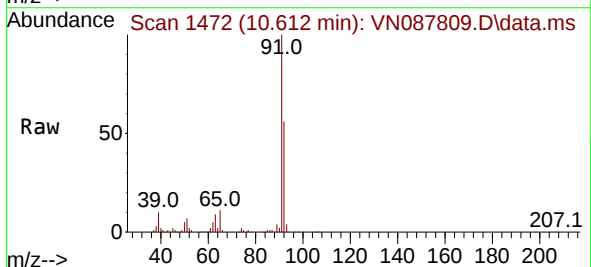
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

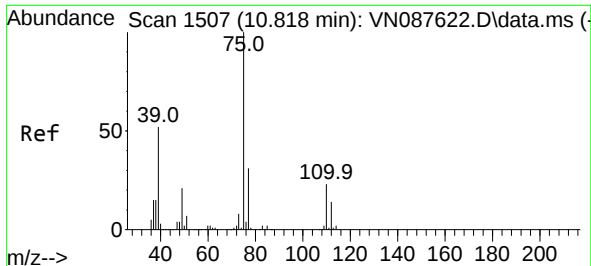
Tgt Ion: 43 Resp: 1669573
Ion Ratio Lower Upper
43 100
58 37.6 29.6 44.4



#52
Toluene
Concen: 44.825 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 92 Resp: 446948
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6

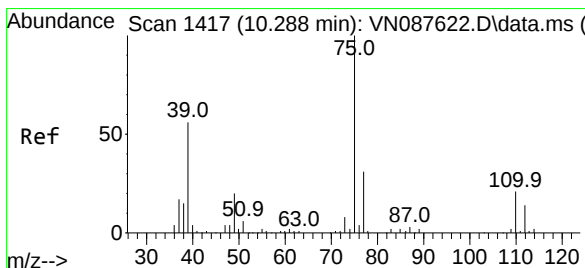
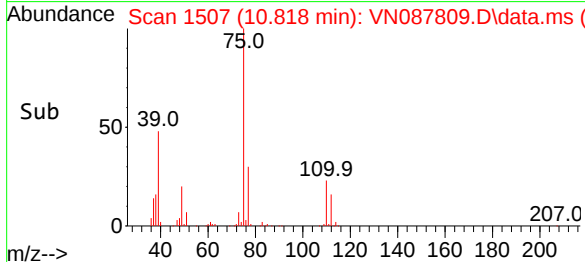
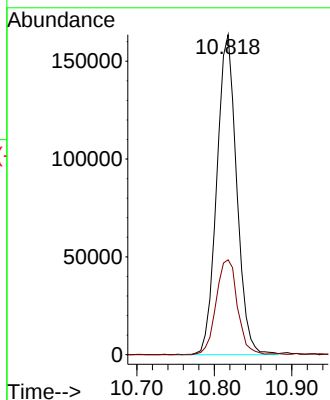
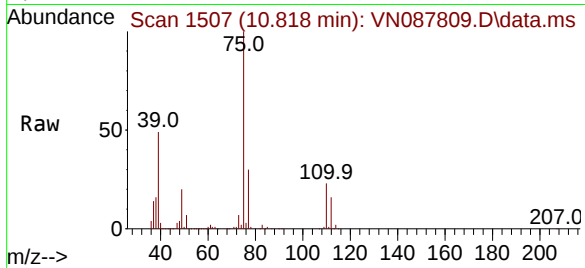




#53
t-1,3-Dichloropropene
Concen: 45.653 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

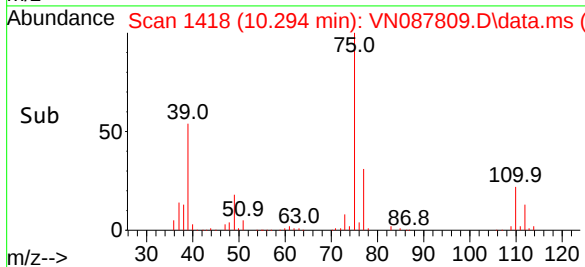
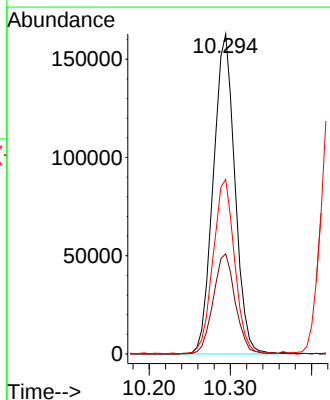
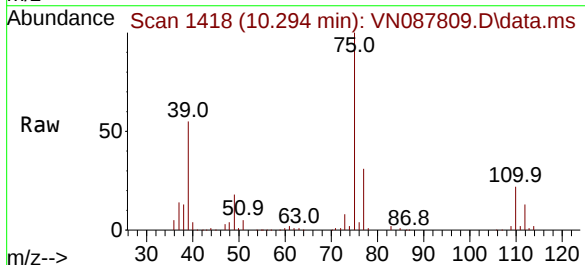
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

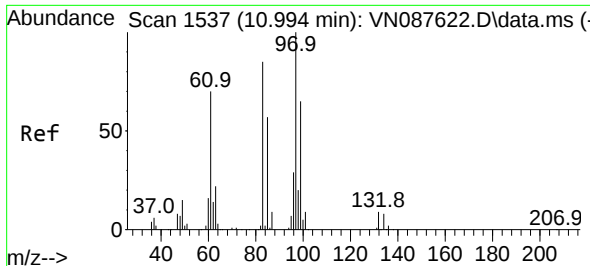
Tgt Ion: 75 Resp: 292185
Ion Ratio Lower Upper
75 100
77 29.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 45.265 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 75 Resp: 300799
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 54.5 45.2 67.8

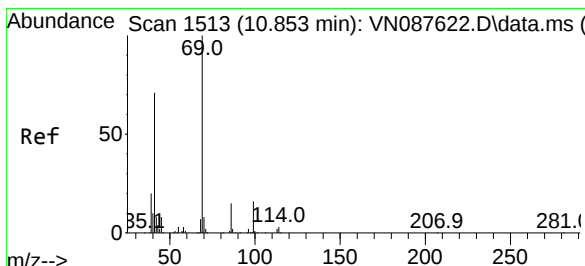
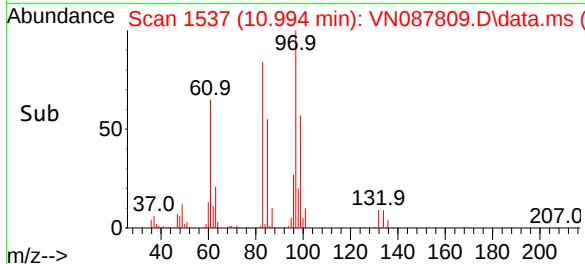
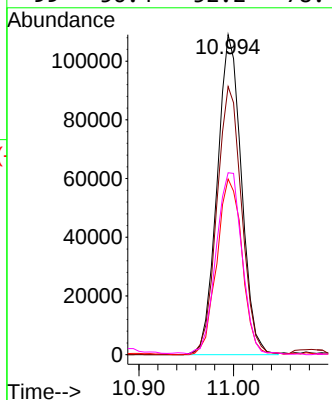
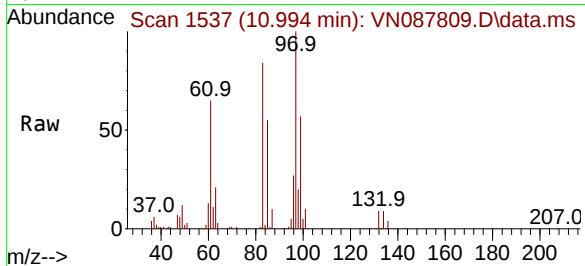




#55
1,1,2-Trichloroethane
Concen: 50.324 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

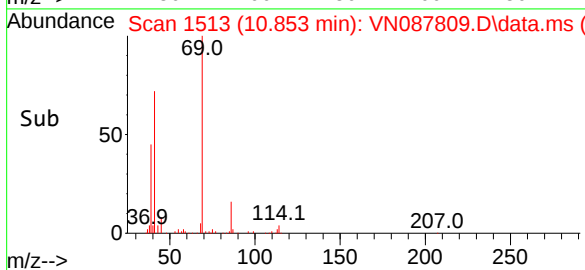
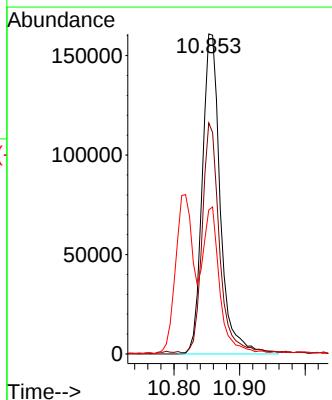
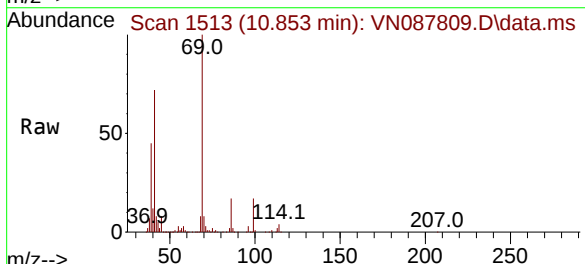
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	194110
Ion	Ratio	Lower	Upper
97	100		
83	83.8	68.2	102.4
85	54.9	45.5	68.3
99	56.4	52.2	78.4



#56
Ethyl methacrylate
Concen: 50.066 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:	69	Resp:	308625
Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.5	84.7
39	42.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 48.184 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

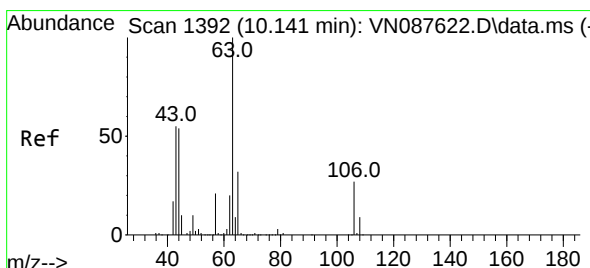
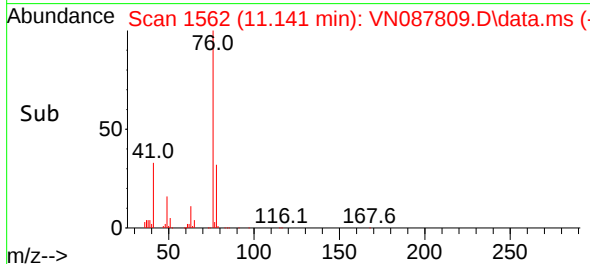
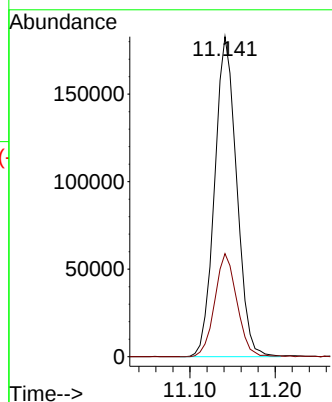
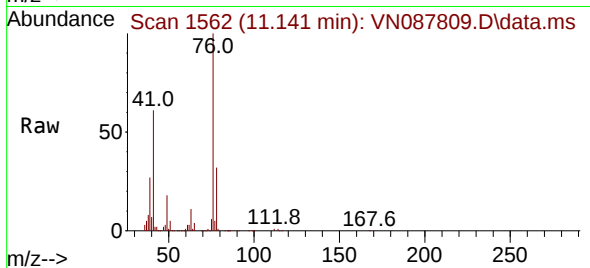
VSTDCCC050EC

Tgt Ion: 76 Resp: 328926

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 242.410 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087809.D

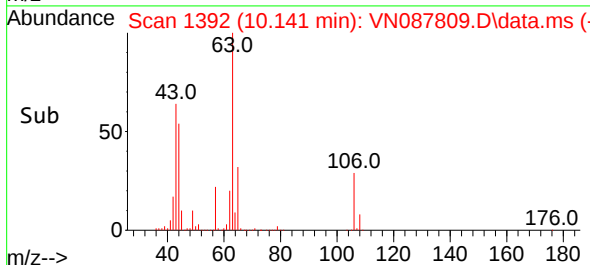
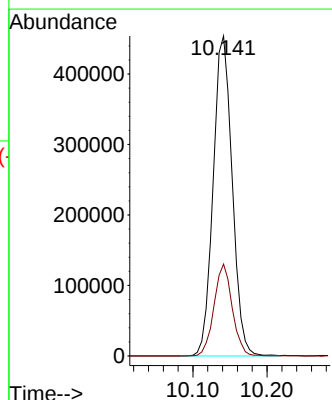
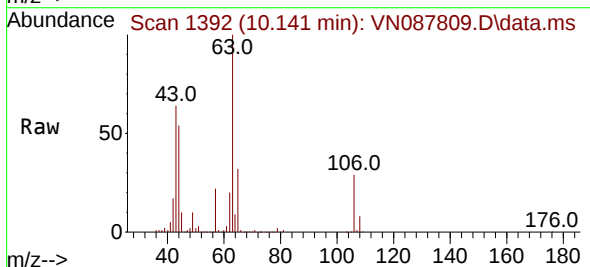
Acq: 11 Sep 2025 19:14

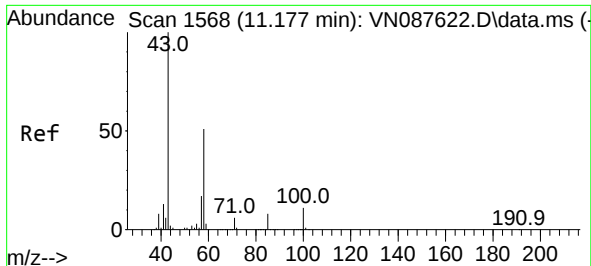
Tgt Ion: 63 Resp: 808795

Ion Ratio Lower Upper

63 100

106 27.5 21.1 31.7

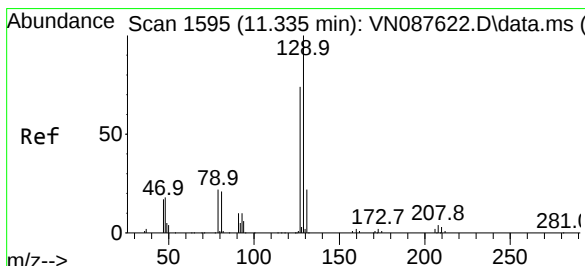
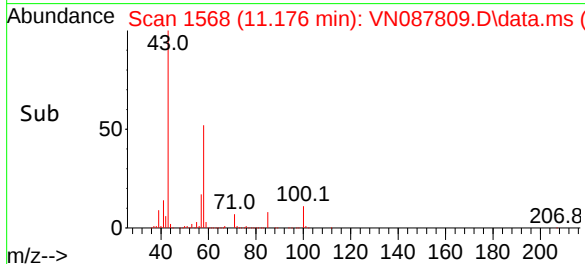
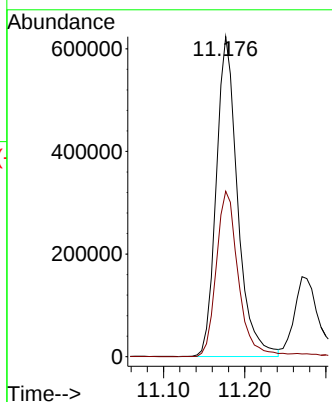
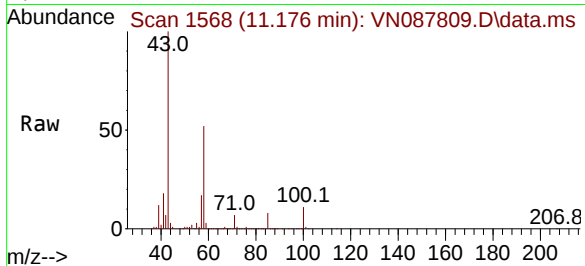




#59
2-Hexanone
Concen: 267.074 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

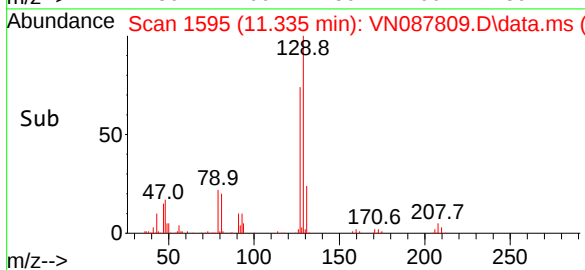
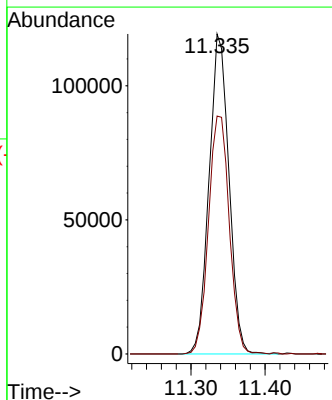
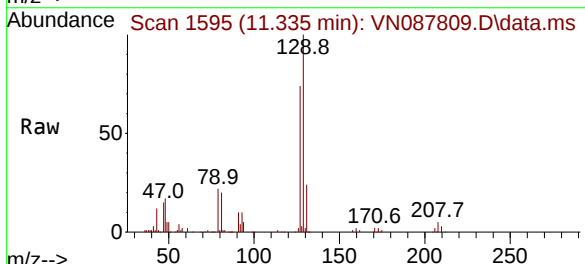
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

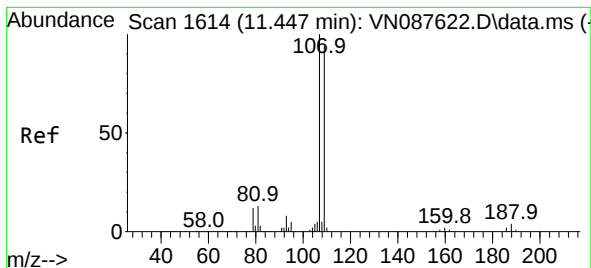
Tgt Ion: 43 Resp: 1139314
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 49.638 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:129 Resp: 221852
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

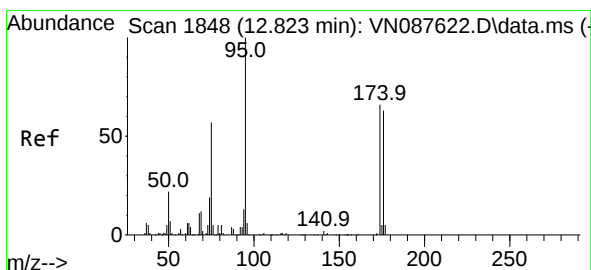
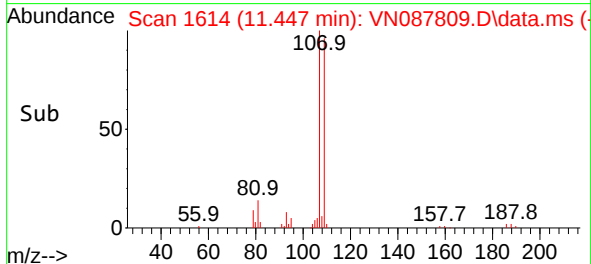
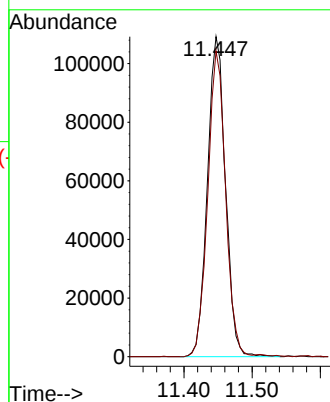
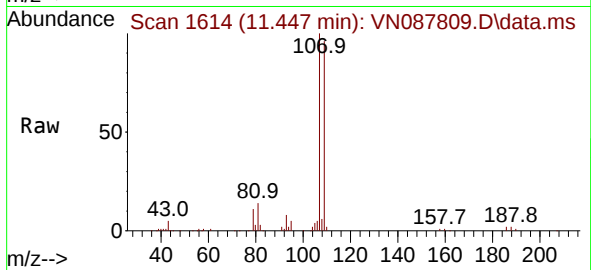




#61
1,2-Dibromoethane
Concen: 49.521 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

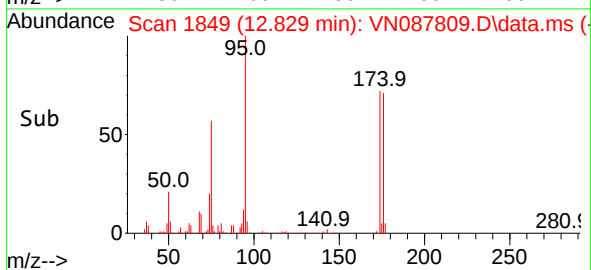
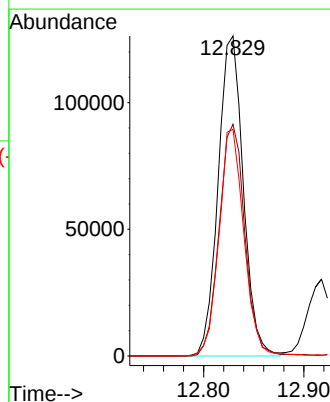
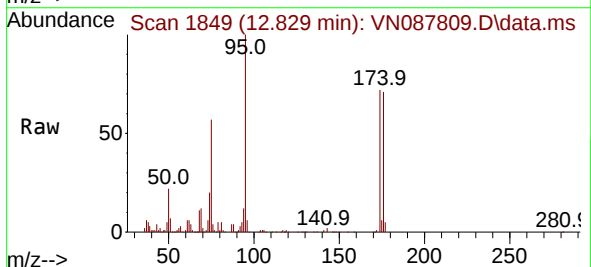
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

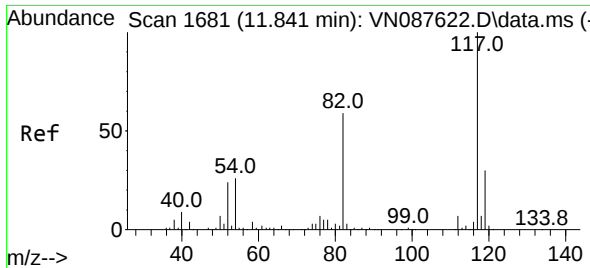
Tgt Ion:107 Resp: 201416
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 95 Resp: 219096
Ion Ratio Lower Upper
95 100
174 73.9 0.0 138.4
176 70.7 0.0 132.6

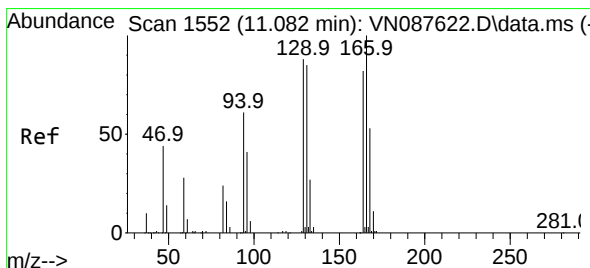
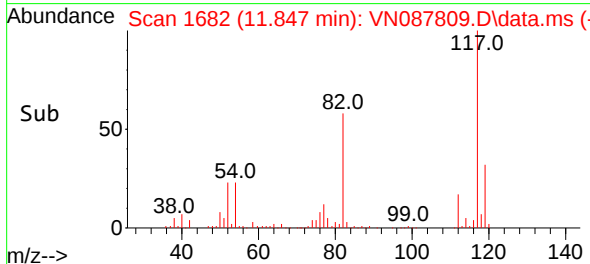
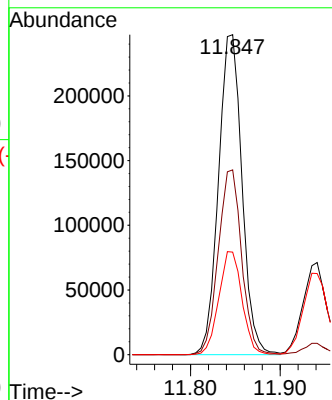
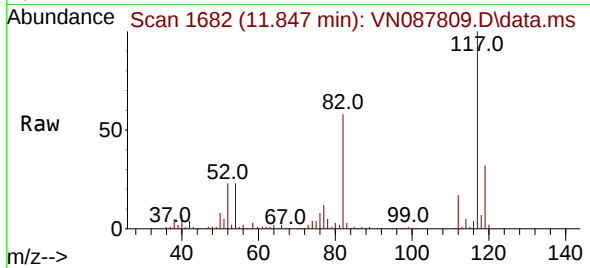




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

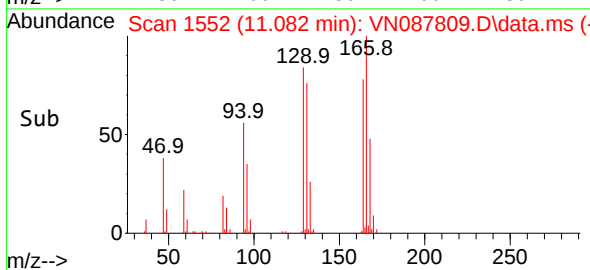
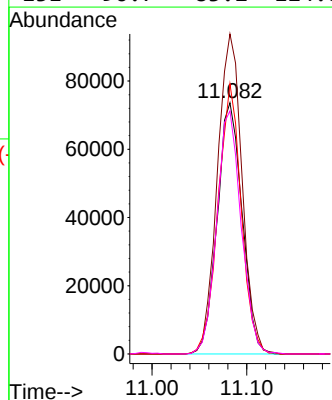
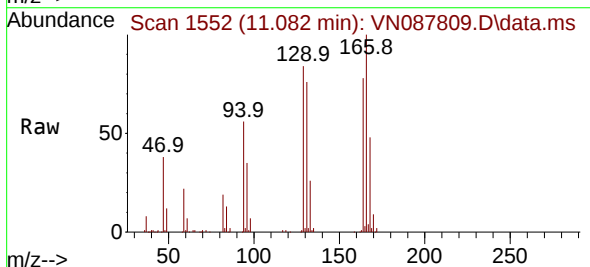
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

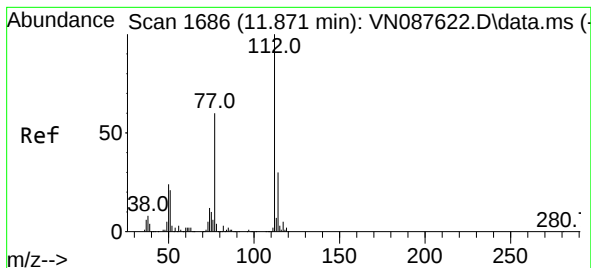
Tgt Ion:117 Resp: 449914
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.1 24.3 36.5



#64
Tetrachloroethene
Concen: 43.077 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:164 Resp: 134464
Ion Ratio Lower Upper
164 100
166 127.4 97.7 146.5
129 107.5 85.9 128.9
131 96.7 83.2 124.8





#65

Chlorobenzene

Concen: 45.162 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

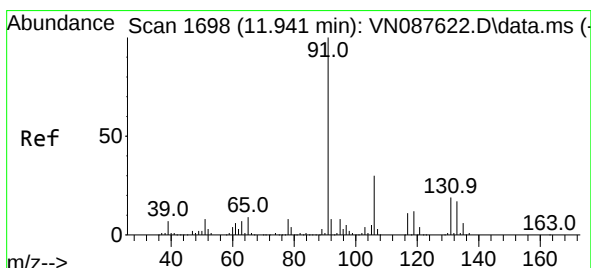
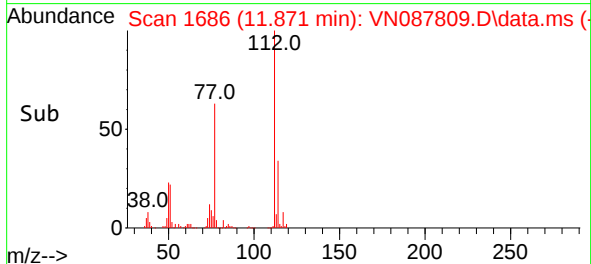
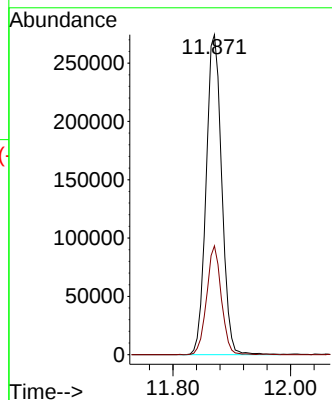
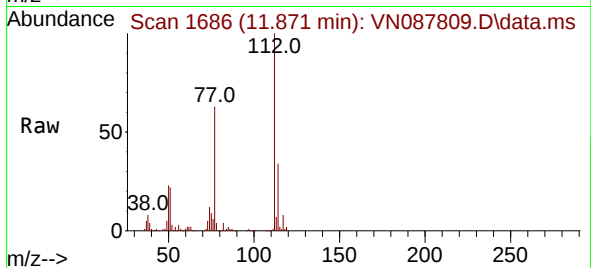
VSTDCCC050EC

Tgt Ion:112 Resp: 505507

Ion Ratio Lower Upper

112 100

114 34.0 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.043 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

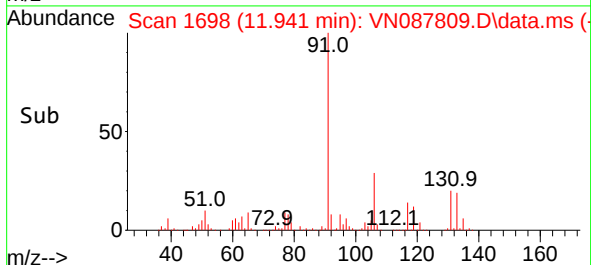
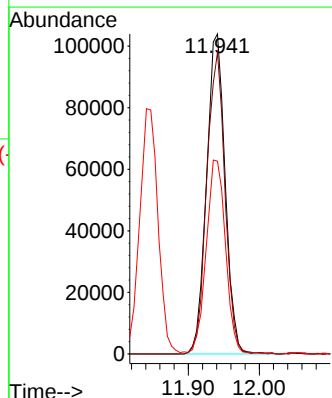
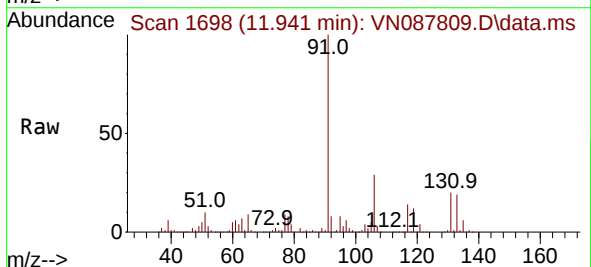
Tgt Ion:131 Resp: 189673

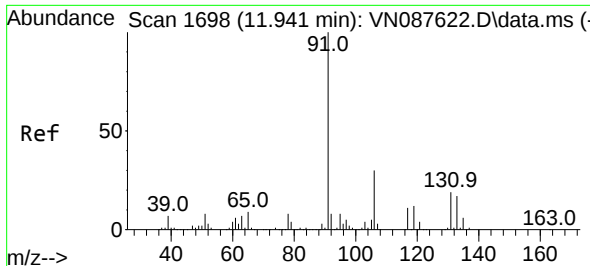
Ion Ratio Lower Upper

131 100

133 92.2 48.0 144.0

119 62.2 32.6 97.7





#67

Ethyl Benzene

Concen: 44.036 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

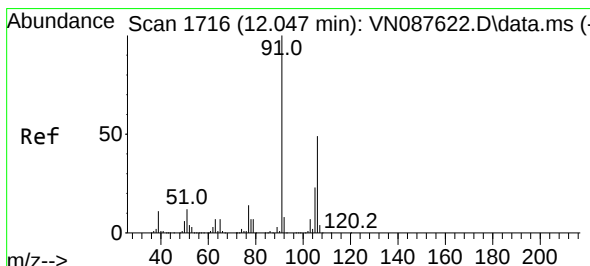
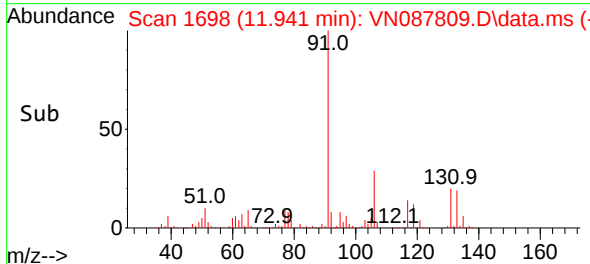
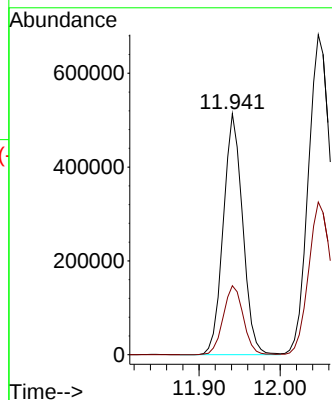
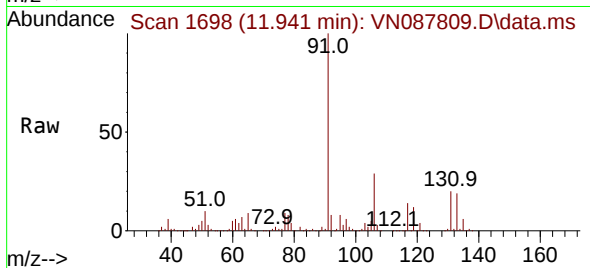
VSTDCCC050EC

Tgt Ion: 91 Resp: 853428

Ion Ratio Lower Upper

91 100

106 28.6 24.1 36.1



#68

m/p-Xylenes

Concen: 89.028 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087809.D

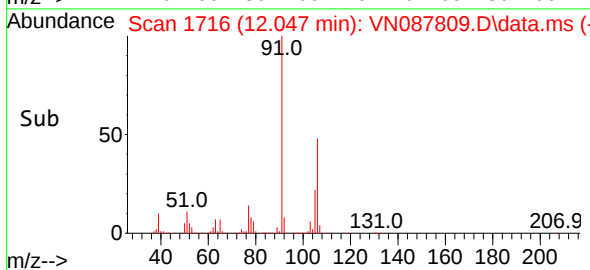
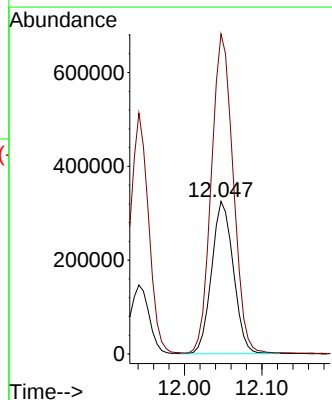
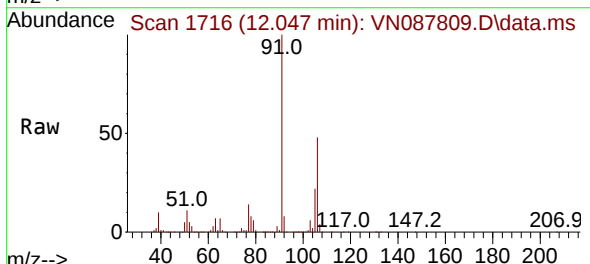
Acq: 11 Sep 2025 19:14

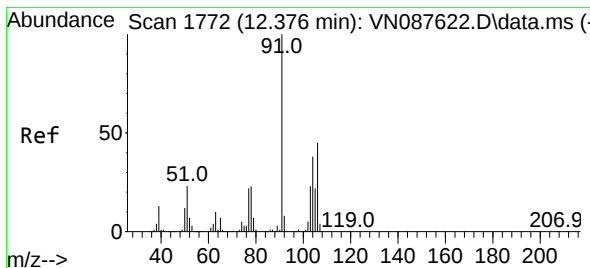
Tgt Ion:106 Resp: 632771

Ion Ratio Lower Upper

106 100

91 212.5 169.3 253.9

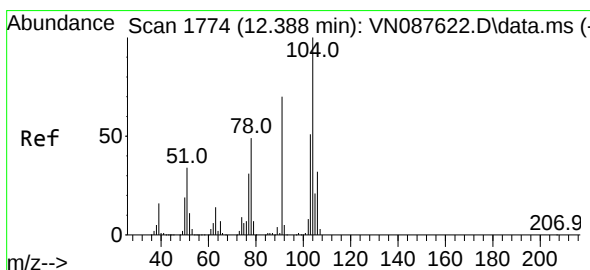
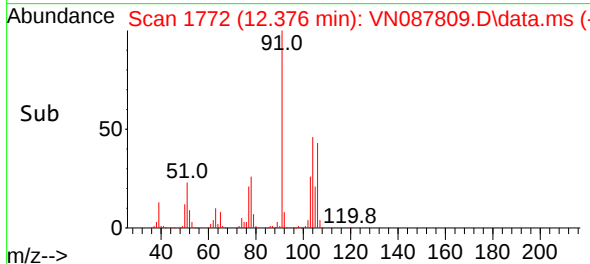
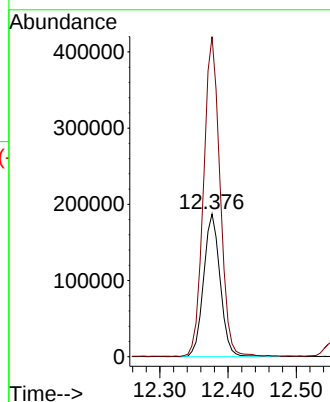
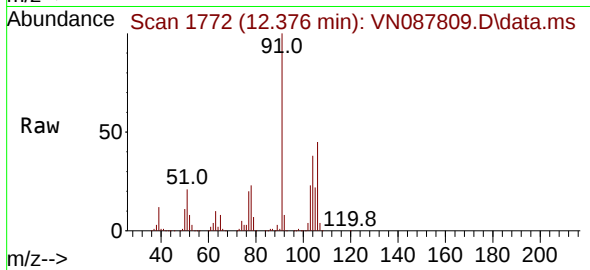




#69
o-Xylene
Concen: 45.386 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

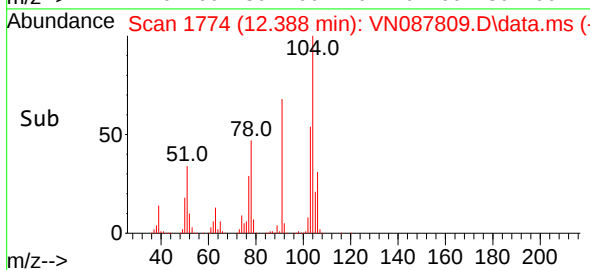
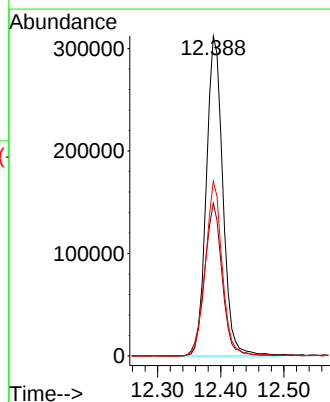
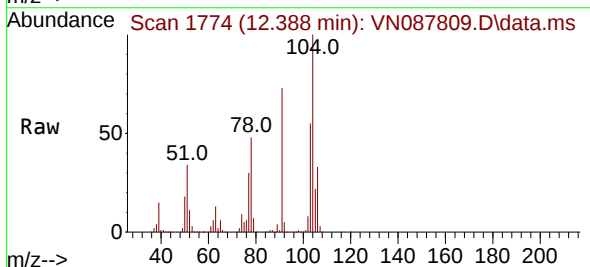
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

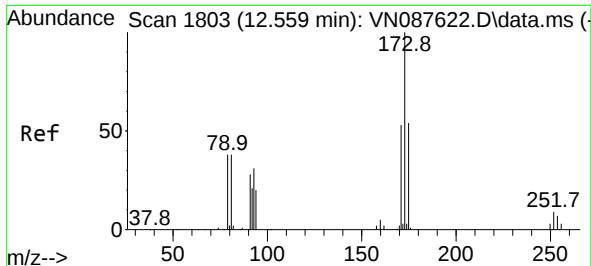
Tgt Ion:106 Resp: 316131
Ion Ratio Lower Upper
106 100
91 222.6 111.4 334.2



#70
Styrene
Concen: 48.837 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:104 Resp: 569890
Ion Ratio Lower Upper
104 100
78 50.7 42.2 63.2
103 55.6 43.4 65.2

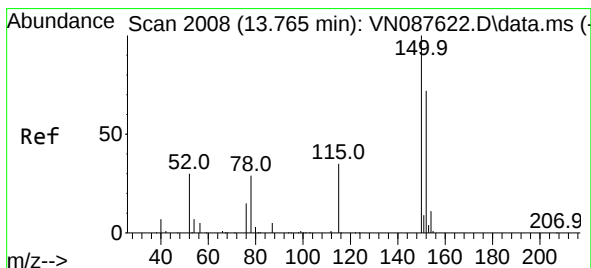
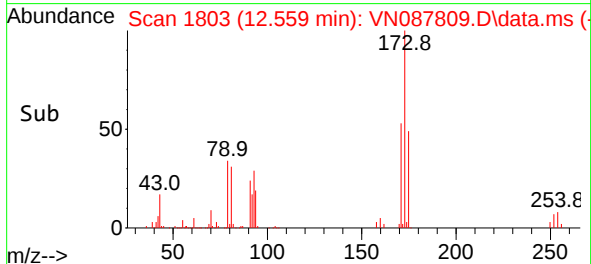
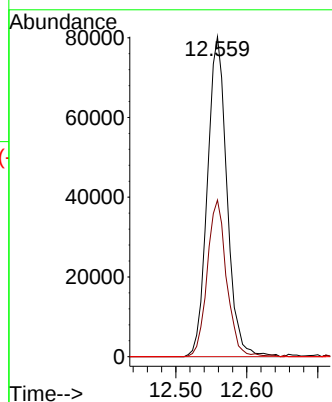
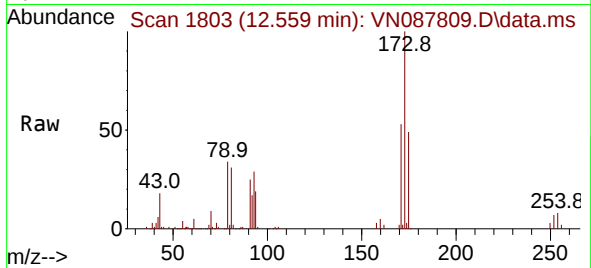




#71
Bromoform
Concen: 53.832 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

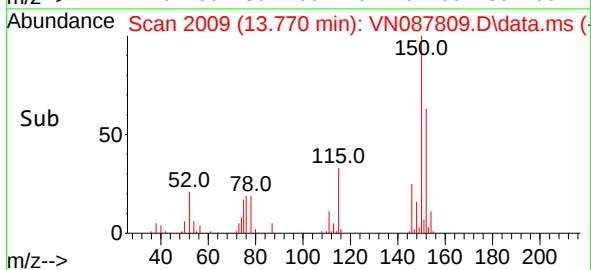
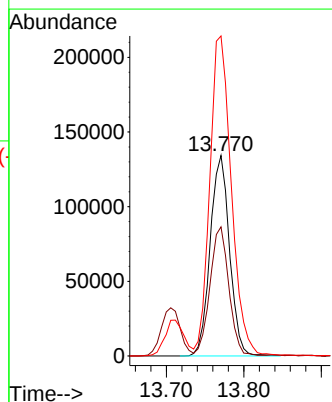
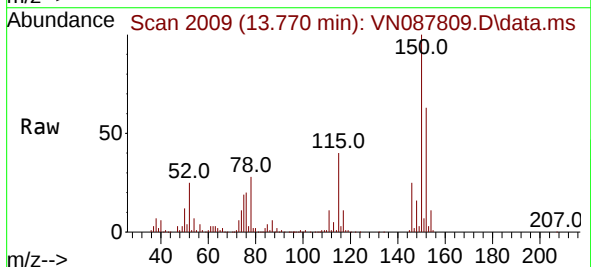
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

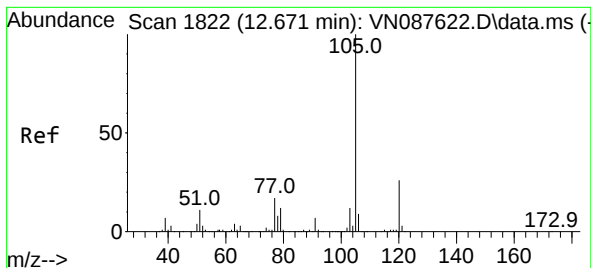
Tgt Ion:173 Resp: 153416
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:152 Resp: 233429
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 177.3 0.0 351.0





#73

Isopropylbenzene

Concen: 41.701 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

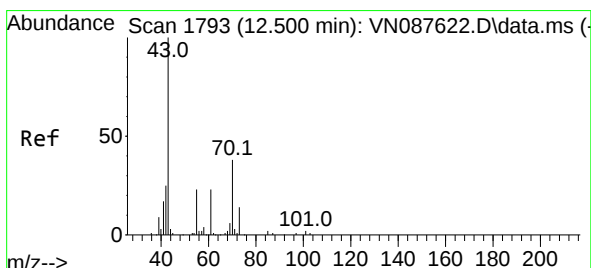
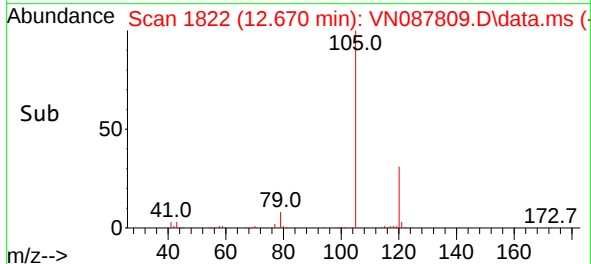
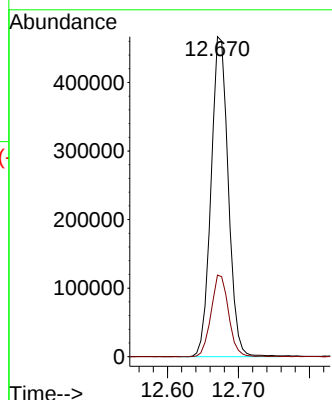
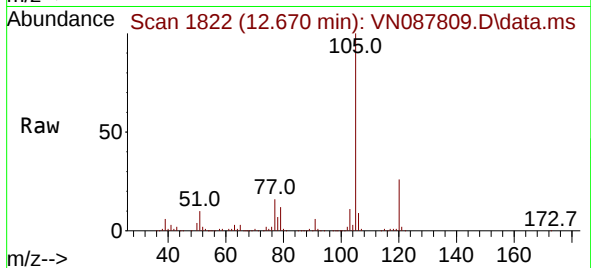
VSTDCCC050EC

Tgt Ion:105 Resp: 786580

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 23.979 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Tgt Ion: 43 Resp: 171412

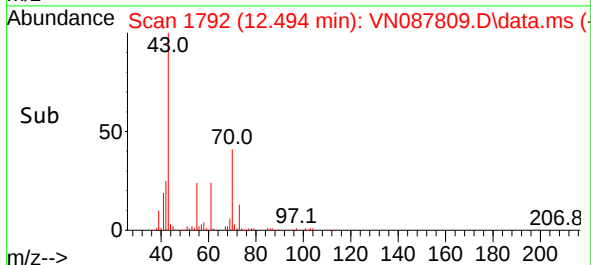
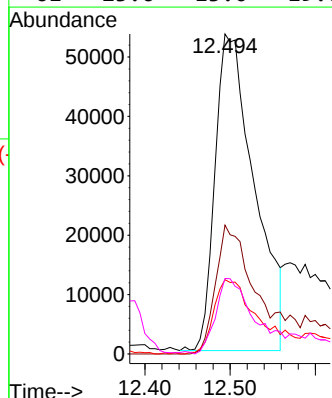
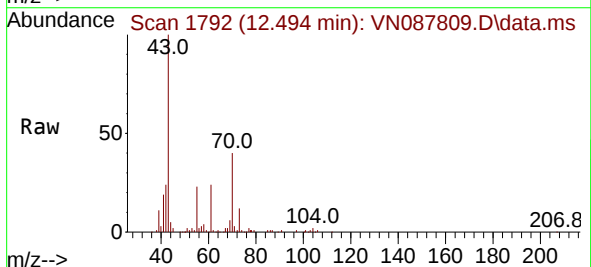
Ion Ratio Lower Upper

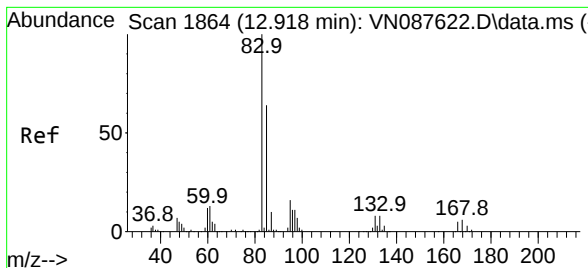
43 100

70 44.4 27.6 41.4#

55 27.3 13.0 19.6#

61 23.6 13.0 19.6#

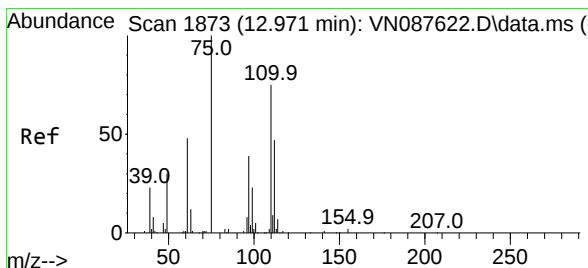
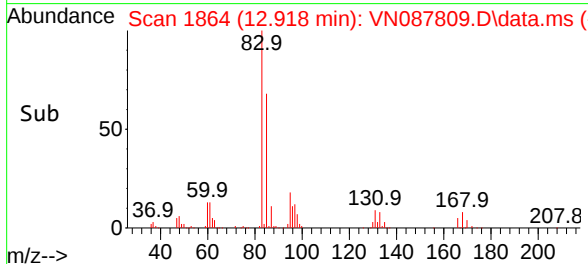
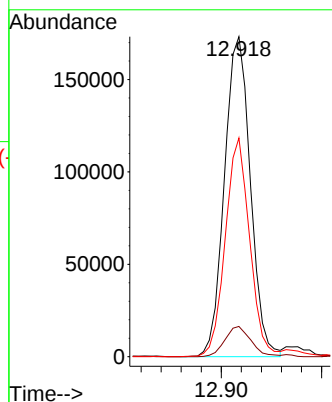
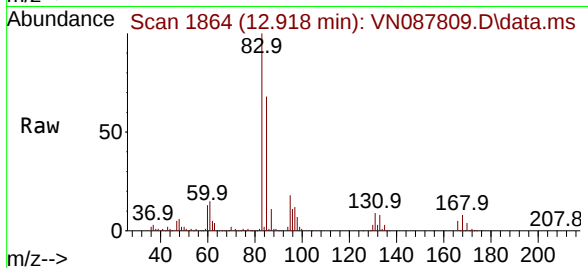




#75
 1,1,2-Tetrachloroethane
 Concen: 47.910 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

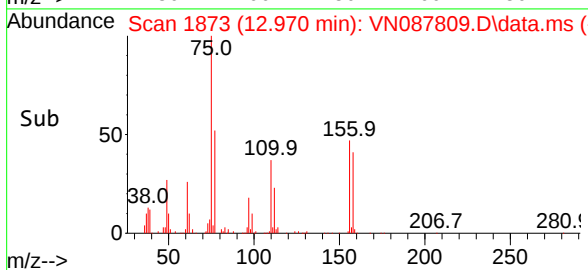
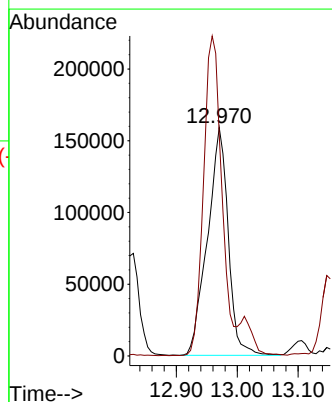
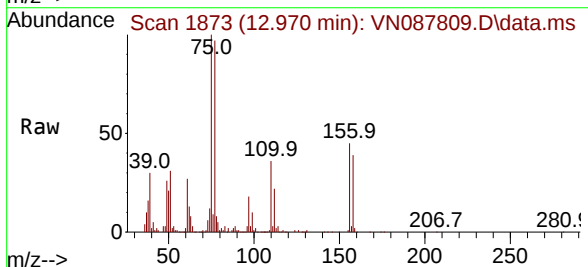
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

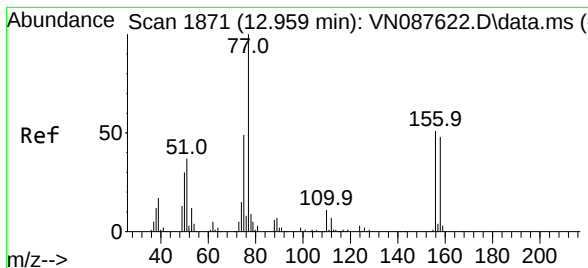
Tgt Ion: 83 Resp: 311130
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 68.661 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

Tgt Ion: 75 Resp: 375853
 Ion Ratio Lower Upper
 75 100
 77 123.4 89.1 267.4





#77

Bromobenzene

Concen: 46.711 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

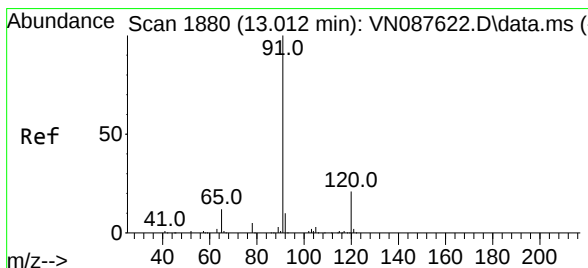
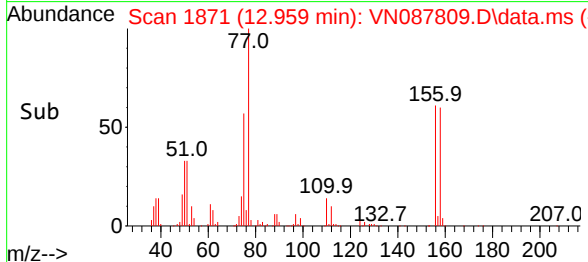
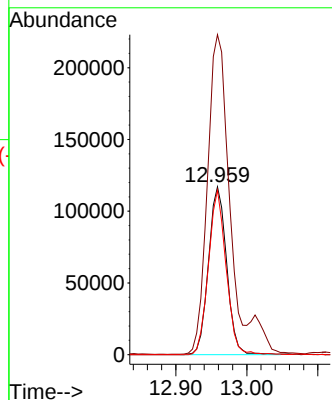
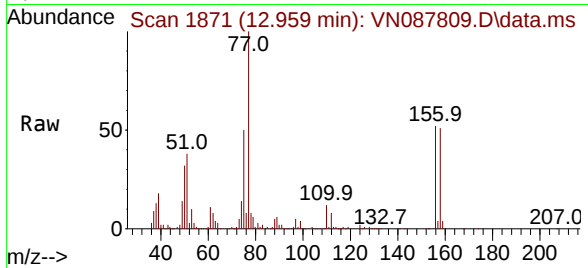
Tgt Ion:156 Resp: 207745

Ion Ratio Lower Upper

156 100

77 223.3 119.3 358.0

158 95.7 48.2 144.6



#78

n-propylbenzene

Concen: 41.506 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087809.D

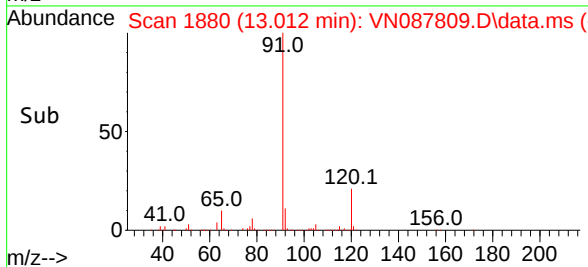
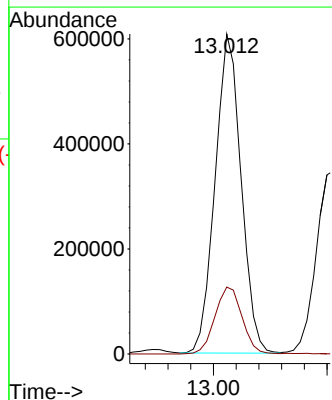
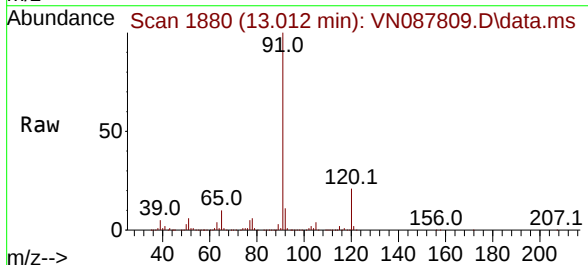
Acq: 11 Sep 2025 19:14

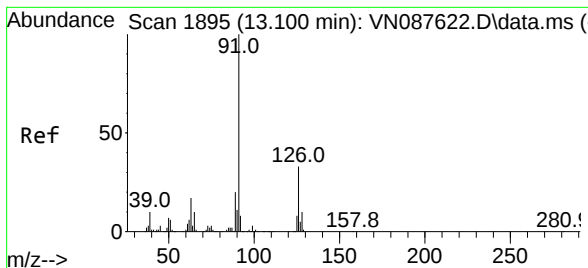
Tgt Ion: 91 Resp: 964356

Ion Ratio Lower Upper

91 100

120 21.9 10.7 32.1

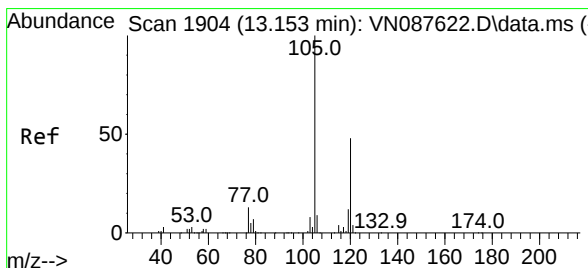
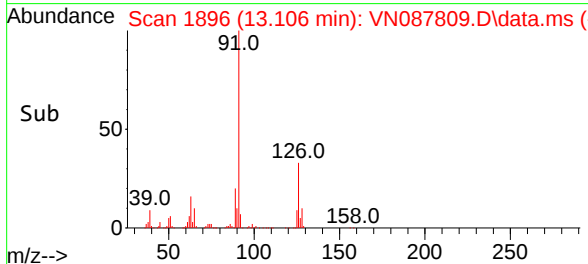
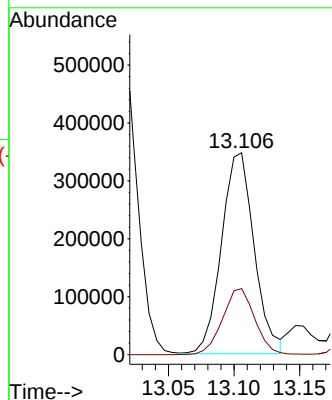
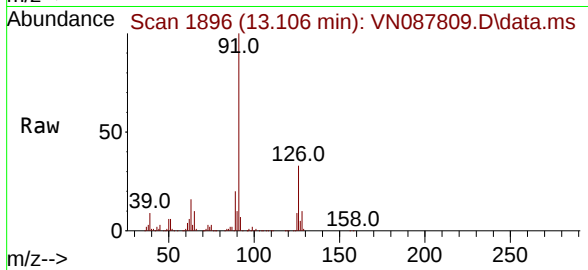




#79
2-Chlorotoluene
Concen: 43.084 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

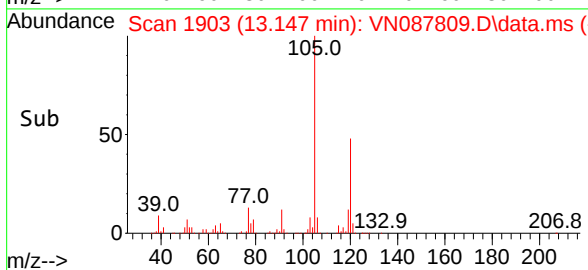
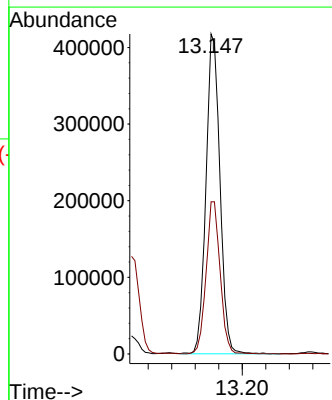
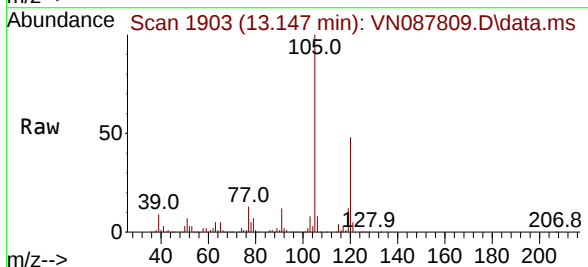
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

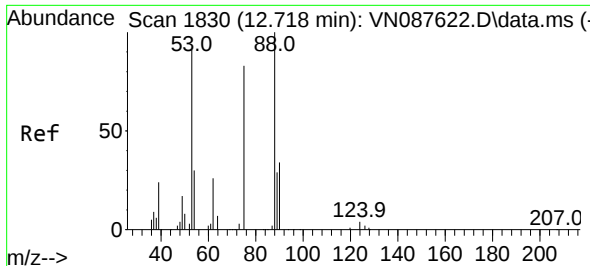
Tgt Ion: 91 Resp: 602399
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 43.001 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 105 Resp: 688090
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6

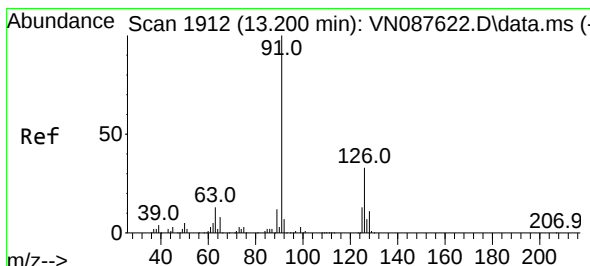
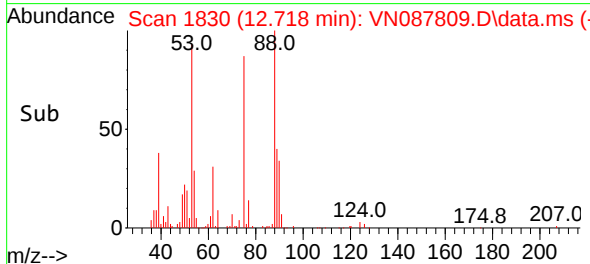
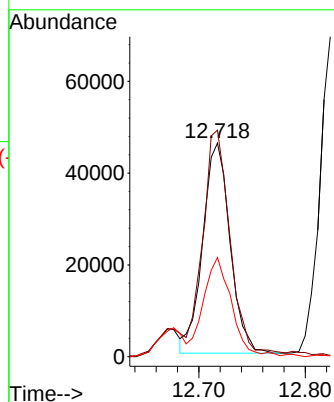
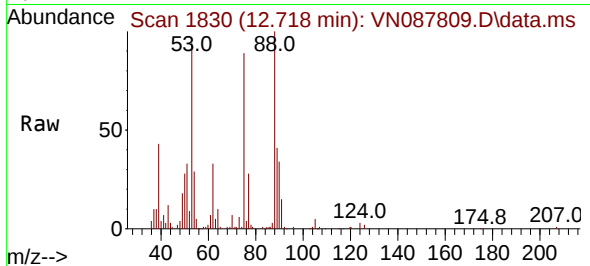




#81
trans-1,4-Dichloro-2-butene
Concen: 39.611 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

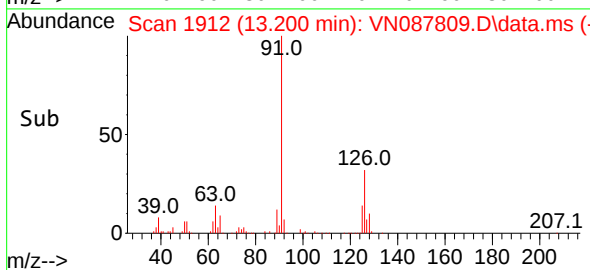
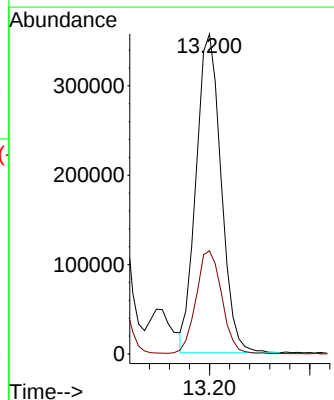
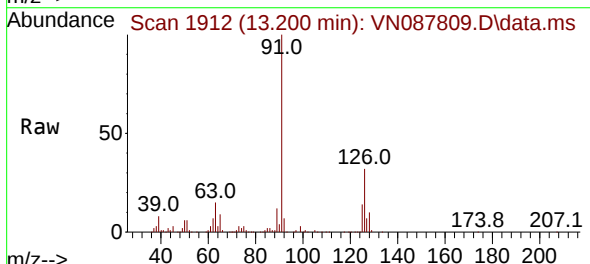
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

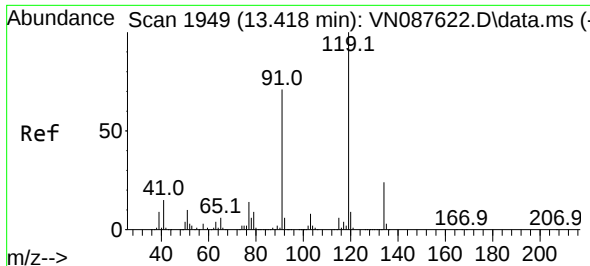
Tgt Ion: 75 Resp: 81904
Ion Ratio Lower Upper
75 100
53 103.9 101.8 152.6
89 49.0 35.6 53.4



#82
4-Chlorotoluene
Concen: 42.051 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion: 91 Resp: 618169
Ion Ratio Lower Upper
91 100
126 33.4 15.6 46.8

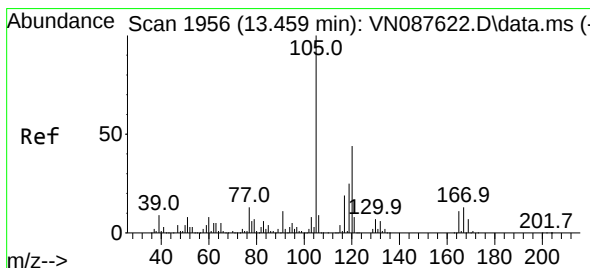
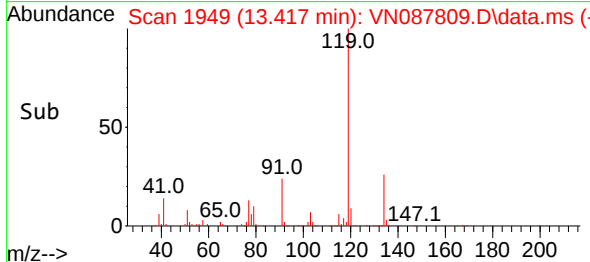
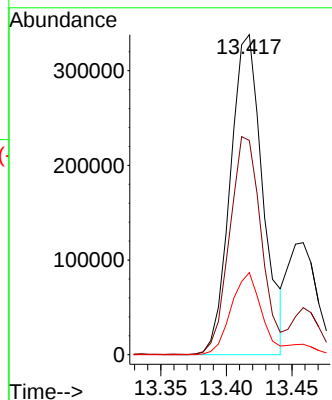
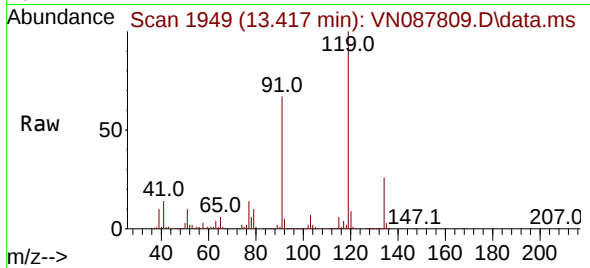




#83
tert-Butylbenzene
Concen: 43.719 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

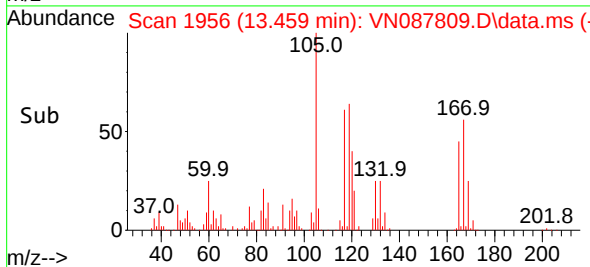
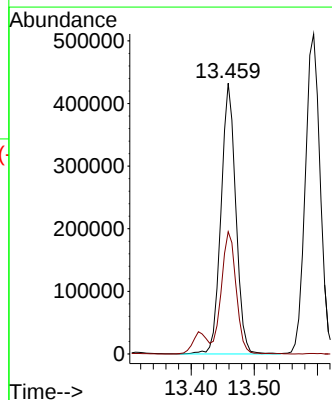
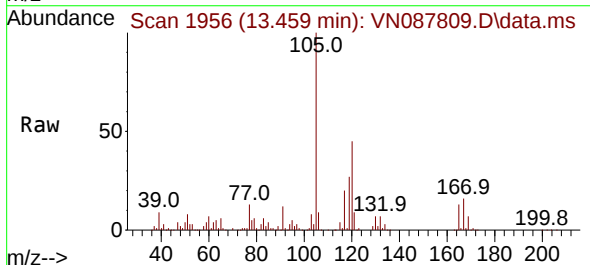
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

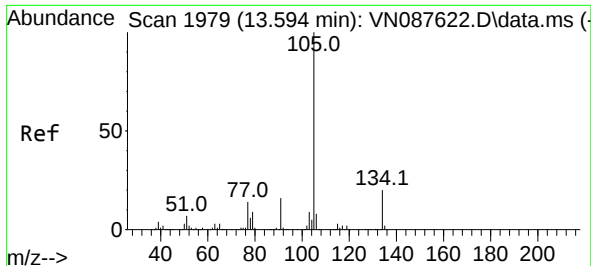
Tgt Ion:119 Resp: 582959
Ion Ratio Lower Upper
119 100
91 66.5 35.0 105.0
134 24.3 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 43.936 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:105 Resp: 703787
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0

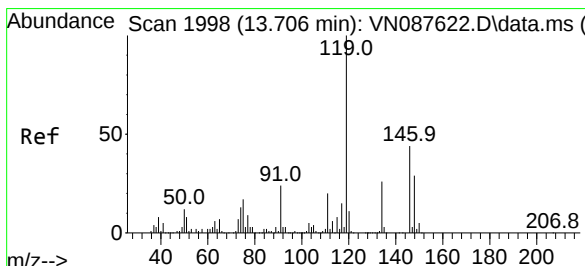
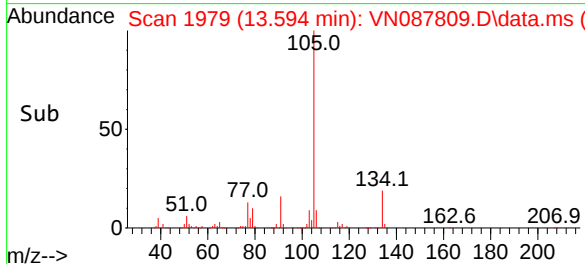
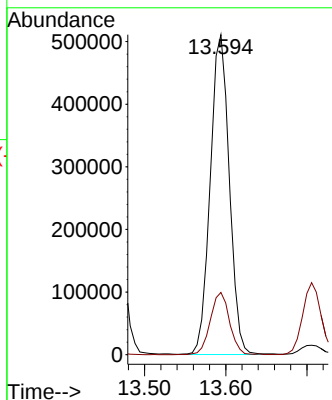
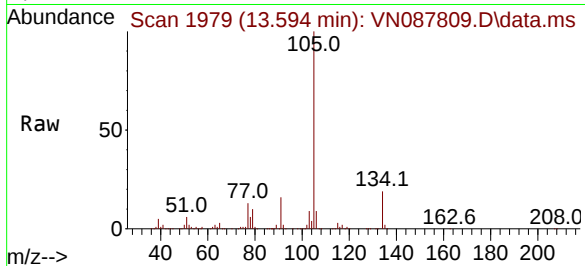




#85
 sec-Butylbenzene
 Concen: 42.132 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

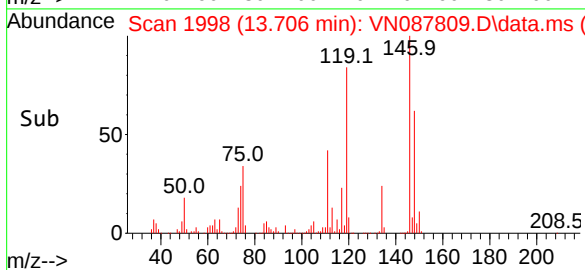
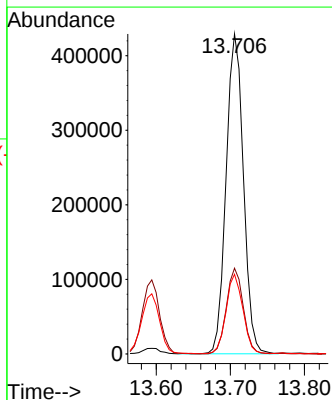
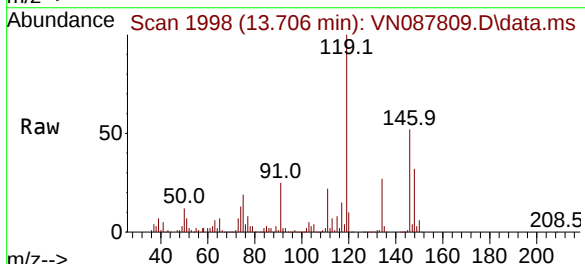
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

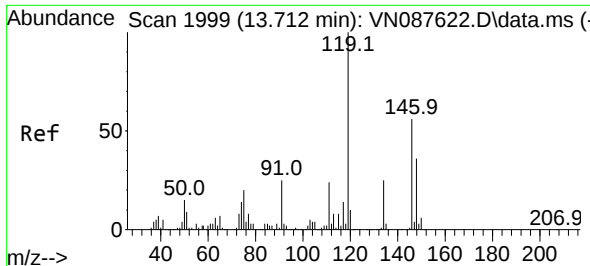
Tgt Ion:105 Resp: 833705
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 42.631 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

Tgt Ion:119 Resp: 696585
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.0
 91 24.3 12.5 37.5

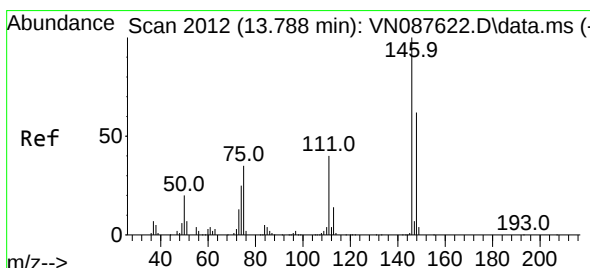
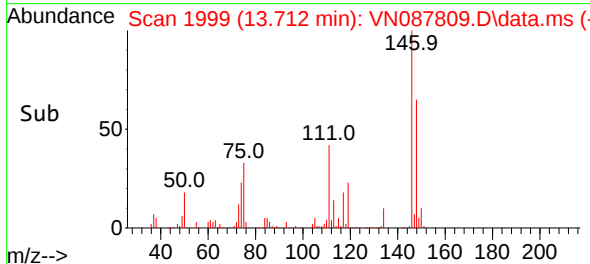
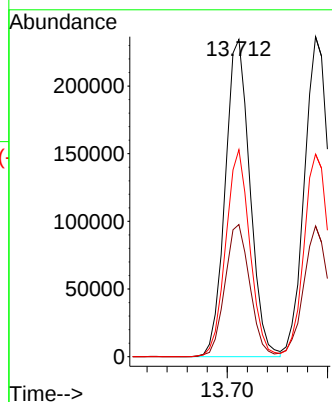
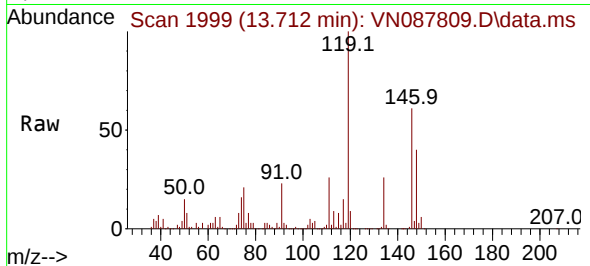




#87
 1,3-Dichlorobenzene
 Concen: 45.808 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

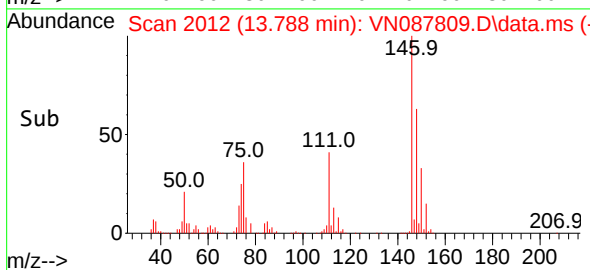
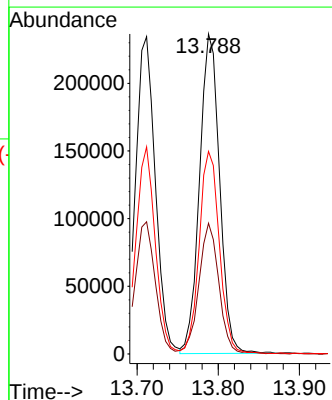
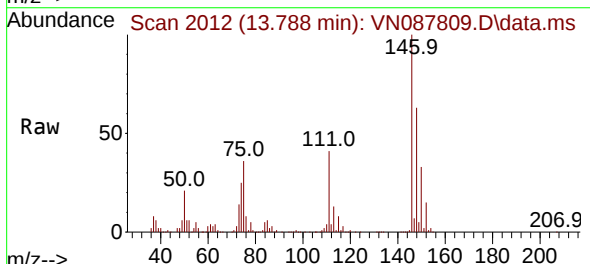
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

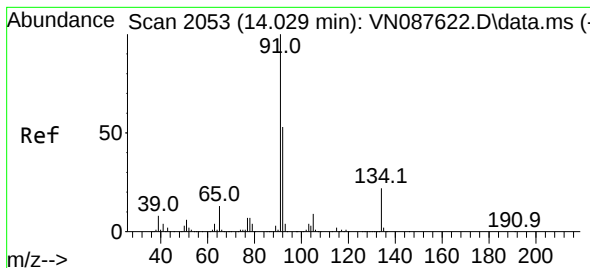
Tgt Ion:146 Resp: 401204
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.5
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.536 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087809.D
 Acq: 11 Sep 2025 19:14

Tgt Ion:146 Resp: 405920
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.0 63.0
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 39.730 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

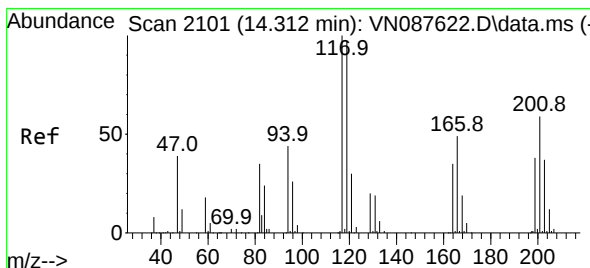
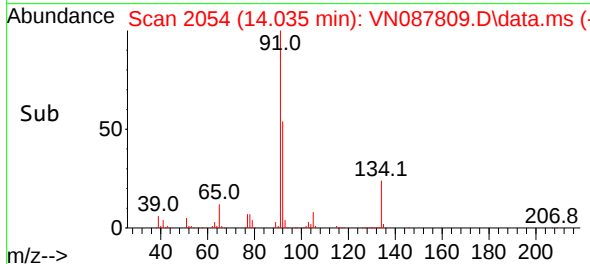
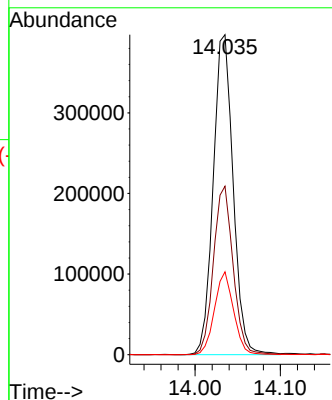
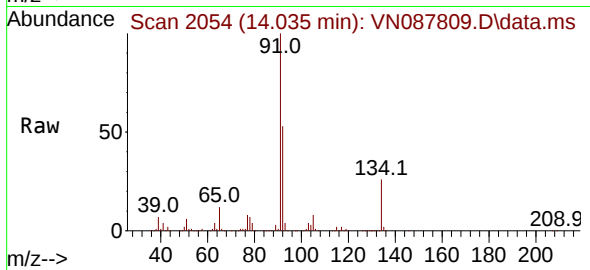
Tgt Ion: 91 Resp: 644735

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 24.9 11.7 35.0



#90

Hexachloroethane

Concen: 41.237 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087809.D

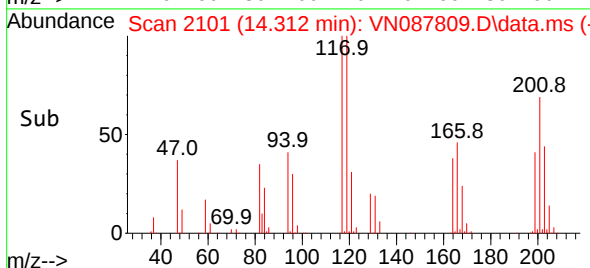
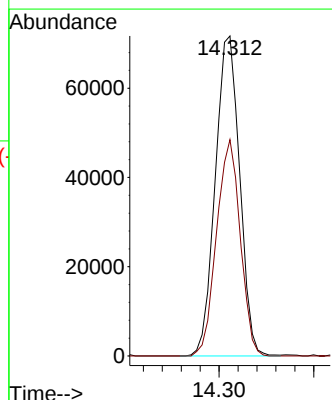
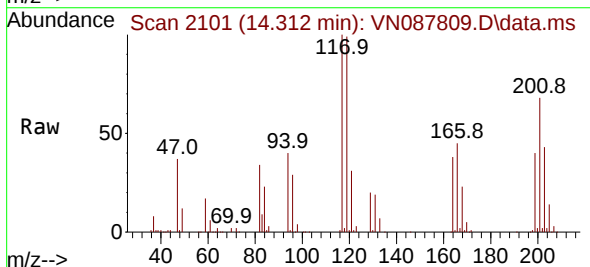
Acq: 11 Sep 2025 19:14

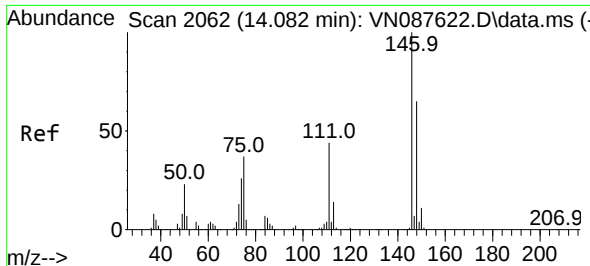
Tgt Ion: 117 Resp: 128372

Ion Ratio Lower Upper

117 100

201 65.6 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 46.965 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

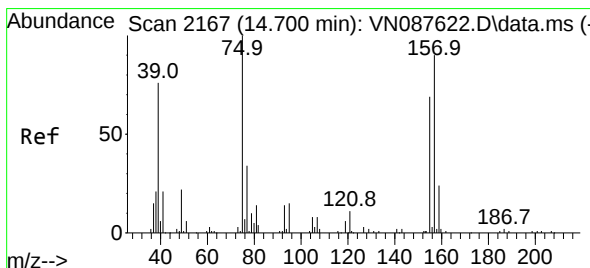
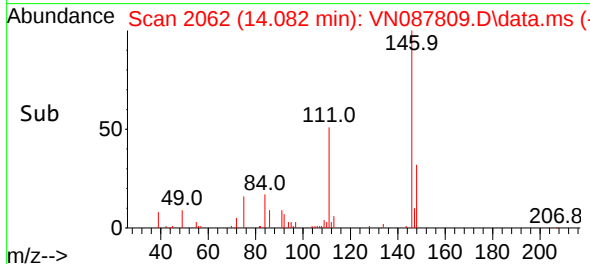
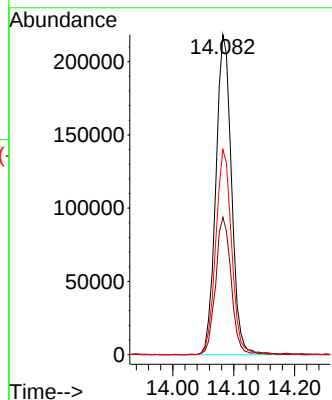
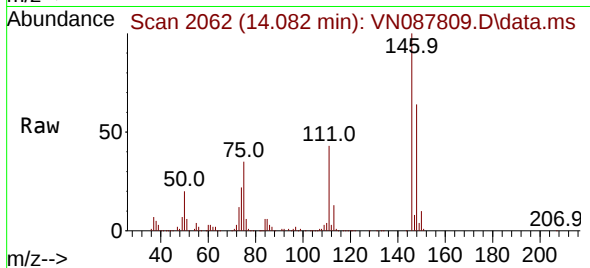
Tgt Ion:146 Resp: 390240

Ion Ratio Lower Upper

146 100

111 42.8 22.6 67.8

148 64.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.536 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

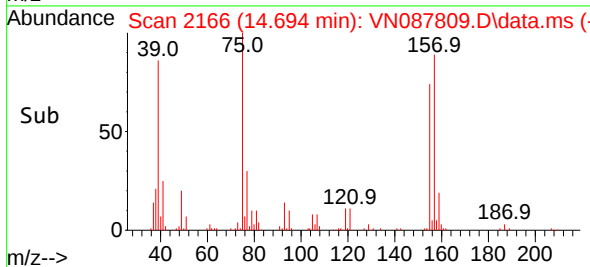
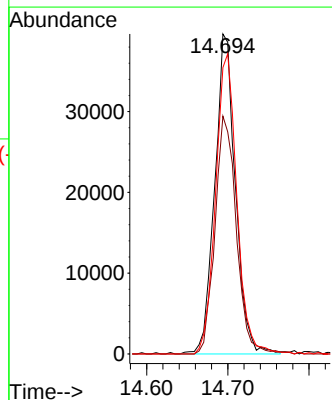
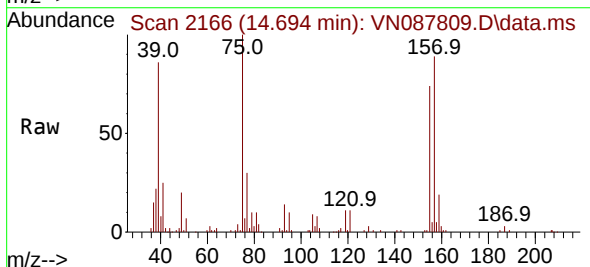
Tgt Ion: 75 Resp: 70249

Ion Ratio Lower Upper

75 100

155 76.8 36.6 109.9

157 96.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 46.347 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

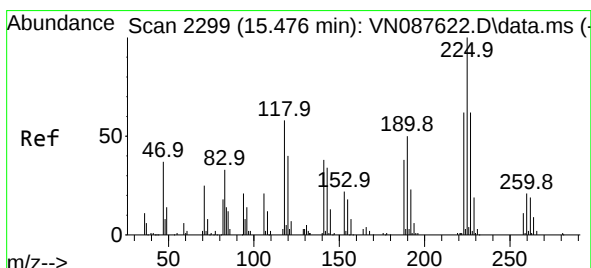
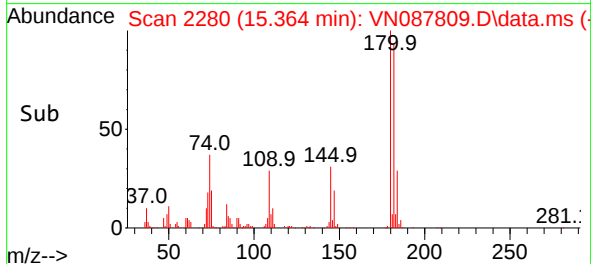
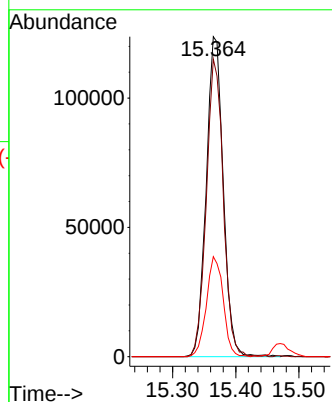
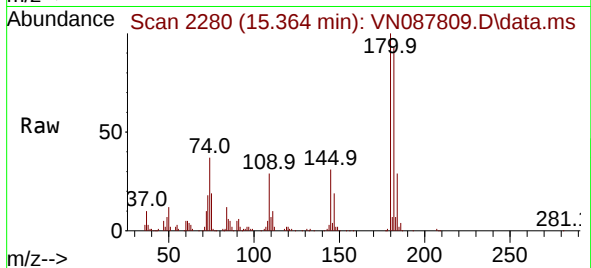
Tgt Ion:180 Resp: 231249

Ion Ratio Lower Upper

180 100

182 92.7 47.6 142.9

145 30.8 16.5 49.5



#94

Hexachlorobutadiene

Concen: 41.969 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087809.D

Acq: 11 Sep 2025 19:14

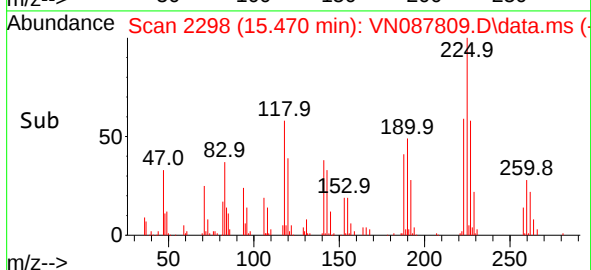
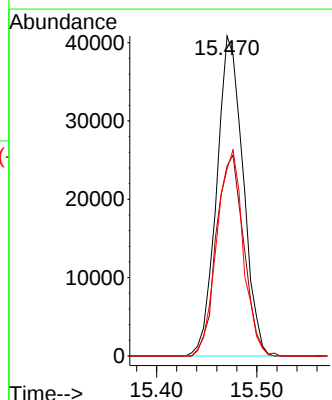
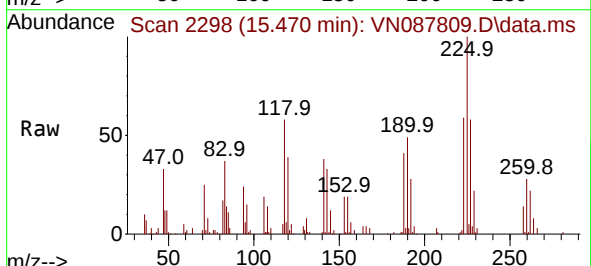
Tgt Ion:225 Resp: 74655

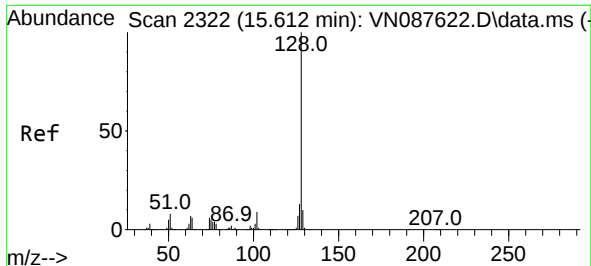
Ion Ratio Lower Upper

225 100

223 65.4 32.0 96.2

227 64.0 32.1 96.5

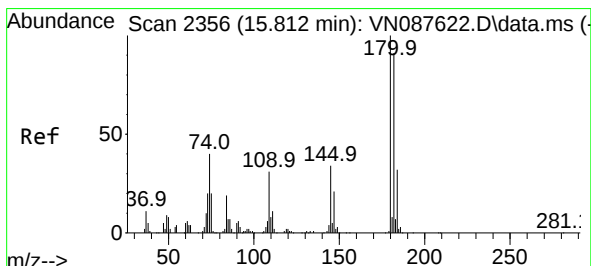
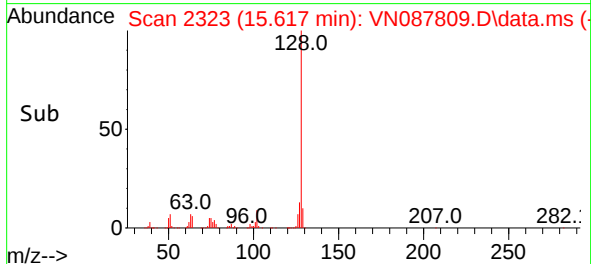
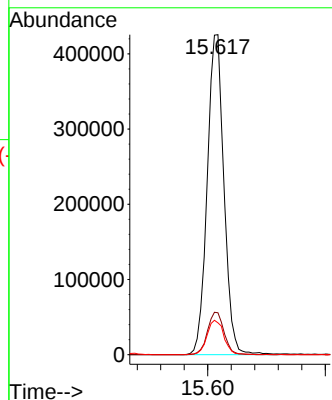
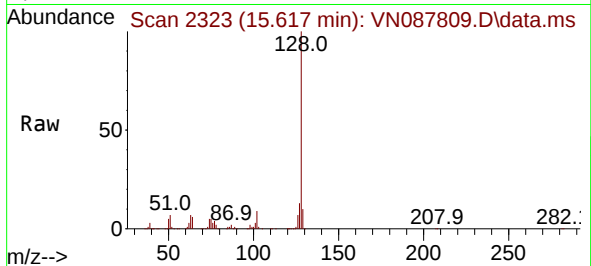




#95
Naphthalene
Concen: 47.756 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 843990
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.388 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087809.D
Acq: 11 Sep 2025 19:14

Tgt Ion:180 Resp: 231149
Ion Ratio Lower Upper
180 100
182 91.4 46.8 140.3
145 33.8 17.3 52.0

