

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087820.D
 Acq On : 15 Sep 2025 08:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 01:26:53 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	257288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	490599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	467132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	259703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	259753	49.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.540%
35) Dibromofluoromethane	8.147	113	191463	54.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.100%
50) Toluene-d8	10.547	98	678041	51.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.829	95	247940	52.588	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	173403	47.453	ug/l	95
3) Chloromethane	2.383	50	176368	46.965	ug/l	95
4) Vinyl Chloride	2.536	62	201781	46.342	ug/l	100
5) Bromomethane	2.965	94	88683	39.473	ug/l	96
6) Chloroethane	3.130	64	137038	44.779	ug/l	94
7) Trichlorofluoromethane	3.506	101	305464	47.883	ug/l	99
8) Diethyl Ether	3.959	74	123432	44.428	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	167406	46.377	ug/l	97
10) Methyl Iodide	4.577	142	83558	33.566	ug/l	99
11) Tert butyl alcohol	5.524	59	205030	224.038	ug/l	99
12) 1,1-Dichloroethene	4.336	96	171103	46.126	ug/l	93
13) Acrolein	4.171	56	152385	135.445	ug/l	98
14) Allyl chloride	5.012	41	272082	40.476	ug/l	95
15) Acrylonitrile	5.706	53	614236	237.986	ug/l	97
16) Acetone	4.424	43	657984	229.290	ug/l	97
17) Carbon Disulfide	4.700	76	503365	49.291	ug/l	98
18) Methyl Acetate	5.018	43	286214	47.635	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	658634	47.331	ug/l	99
20) Methylene Chloride	5.265	84	204926	49.355	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	190202	47.311	ug/l	92
22) Diisopropyl ether	6.653	45	679356	46.832	ug/l	99
23) Vinyl Acetate	6.589	43	3153095	238.914	ug/l	99
24) 1,1-Dichloroethane	6.553	63	365304	45.929	ug/l	100
25) 2-Butanone	7.471	43	890750	235.936	ug/l	96
26) 2,2-Dichloropropane	7.471	77	320312	46.923	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	228371	47.516	ug/l	98
28) Bromochloromethane	7.794	49	188026	48.900	ug/l	94
29) Tetrahydrofuran	7.824	42	571156	235.075	ug/l	99
30) Chloroform	7.947	83	396129	48.795	ug/l	99
31) Cyclohexane	8.241	56	287417	43.347	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	326672	47.482	ug/l	95
36) 1,1-Dichloropropene	8.353	75	246433	45.350	ug/l	97
37) Ethyl Acetate	7.547	43	353098	47.552	ug/l	98
38) Carbon Tetrachloride	8.341	117	270542	50.425	ug/l	100
39) Methylcyclohexane	9.582	83	278202	46.502	ug/l	96
40) Benzene	8.588	78	830170	49.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	181385	47.157	ug/l	98
42) 1,2-Dichloroethane	8.647	62	301666	47.100	ug/l	99
43) Isopropyl Acetate	8.671	43	554047	47.791	ug/l	97
44) Trichloroethene	9.330	130	186497	49.011	ug/l	97
45) 1,2-Dichloropropane	9.600	63	209352	47.653	ug/l	93
46) Dibromomethane	9.688	93	160753	51.419	ug/l	96
47) Bromodichloromethane	9.871	83	316122	49.338	ug/l	99
48) Methyl methacrylate	9.665	41	258185	47.083	ug/l	96
49) 1,4-Dioxane	9.682	88	77024	1083.694	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1752626	250.567	ug/l	99
52) Toluene	10.606	92	512854	49.635	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	334076	50.372	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	346167	50.269	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	207693	51.961	ug/l	97
56) Ethyl methacrylate	10.853	69	331028	51.821	ug/l	98
57) 1,3-Dichloropropane	11.141	76	355846	50.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	852425	246.546	ug/l	98
59) 2-Hexanone	11.176	43	1209028	273.498	ug/l	99
60) Dibromochloromethane	11.335	129	242457	52.350	ug/l	98
61) 1,2-Dibromoethane	11.447	107	218321	51.799	ug/l	99
64) Tetrachloroethene	11.082	164	153572	47.385	ug/l	93
65) Chlorobenzene	11.871	112	565162	48.631	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	201155	52.137	ug/l	99
67) Ethyl Benzene	11.941	91	979088	48.658	ug/l	99
68) m/p-Xylenes	12.047	106	747062	101.234	ug/l	98
69) o-Xylene	12.376	106	354897	49.074	ug/l	99
70) Styrene	12.388	104	631680	52.137	ug/l	98
71) Bromoform	12.559	173	165576	55.958	ug/l #	98
73) Isopropylbenzene	12.670	105	914828	43.593	ug/l	100
74) N-amyl acetate	12.494	43	200046	25.154	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.918	83	329699	45.633	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	424100	69.637	ug/l	62
77) Bromobenzene	12.959	156	226244	45.724	ug/l	97
78) n-propylbenzene	13.012	91	1147934	44.409	ug/l	98
79) 2-Chlorotoluene	13.100	91	687042	44.167	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	799940	44.934	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	102362	44.497	ug/l #	81
82) 4-Chlorotoluene	13.200	91	710251	43.427	ug/l	96
83) tert-Butylbenzene	13.412	119	680028	45.839	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	820092	46.017	ug/l	99
85) sec-Butylbenzene	13.594	105	978347	44.440	ug/l	98
86) p-Isopropyltoluene	13.706	119	839446	46.177	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	452382	46.426	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	461916	45.552	ug/l	99
89) n-Butylbenzene	14.029	91	815888	45.190	ug/l	98
90) Hexachloroethane	14.306	117	155823	44.991	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	439994	47.596	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	73390	42.759	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	264396	47.629	ug/l	98
94) Hexachlorobutadiene	15.470	225	97333	49.182	ug/l	97
95) Naphthalene	15.611	128	904396	45.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	255766	47.130	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

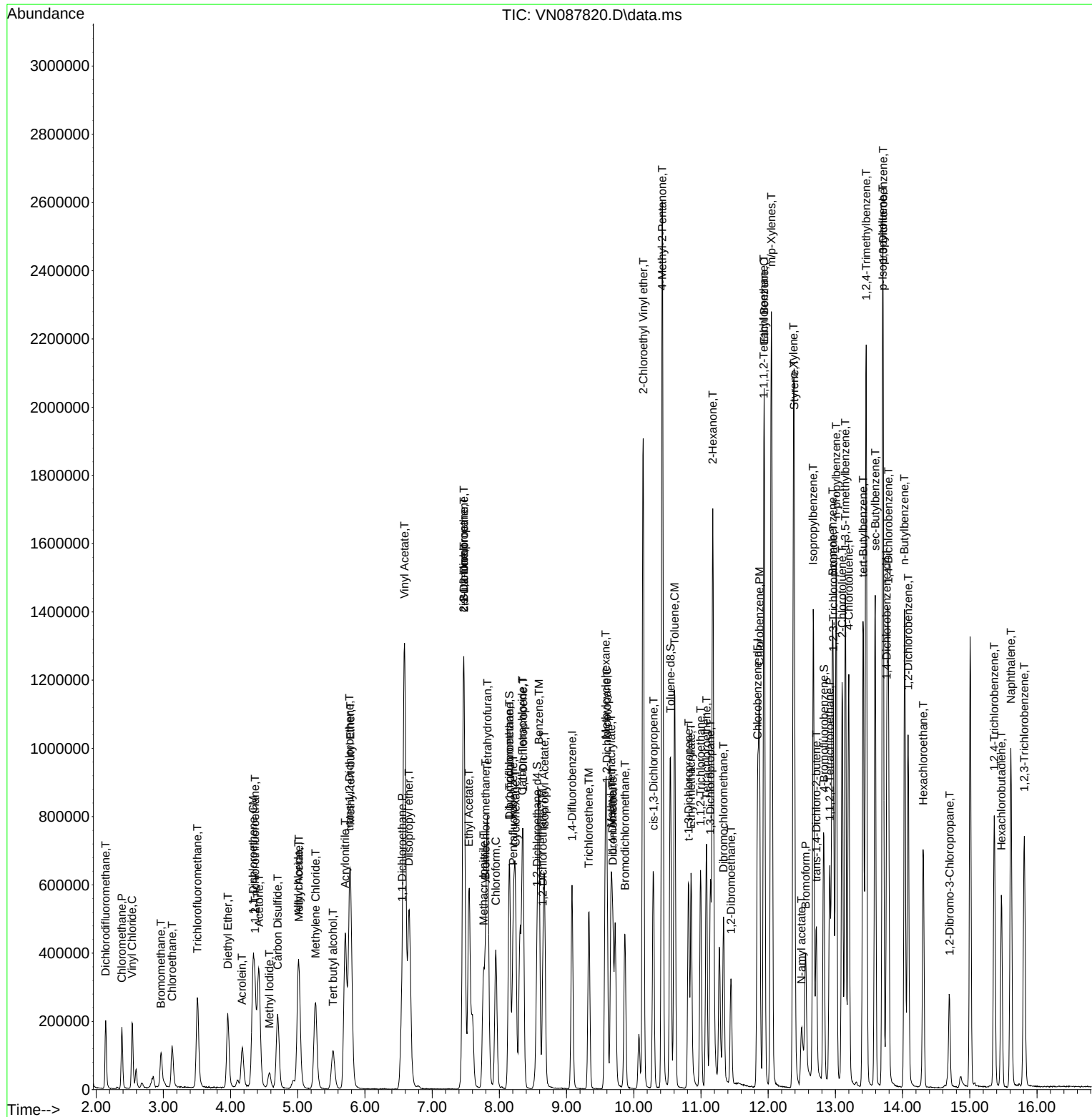
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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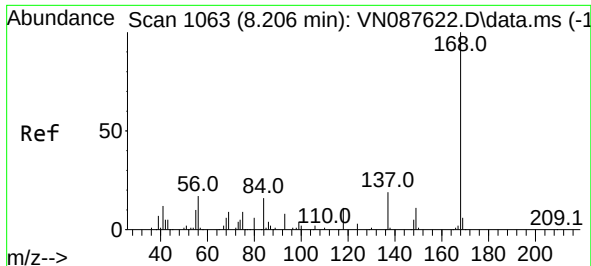
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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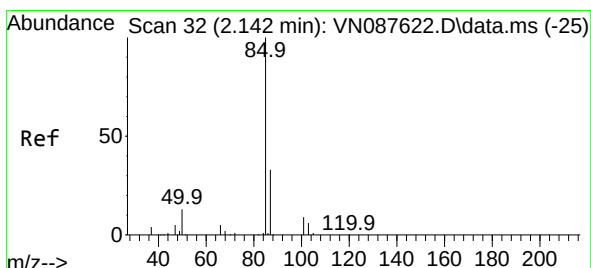
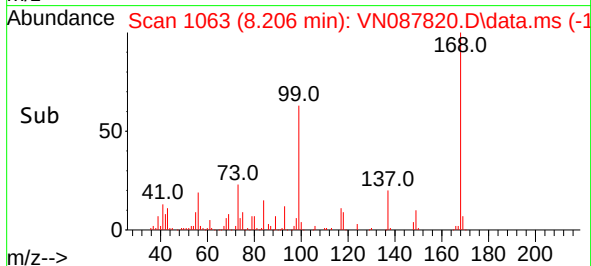
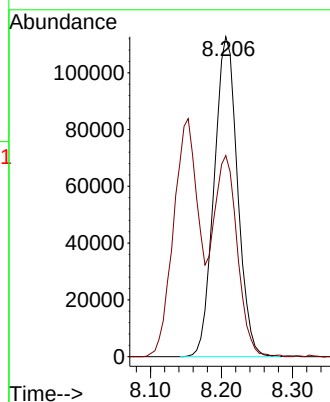
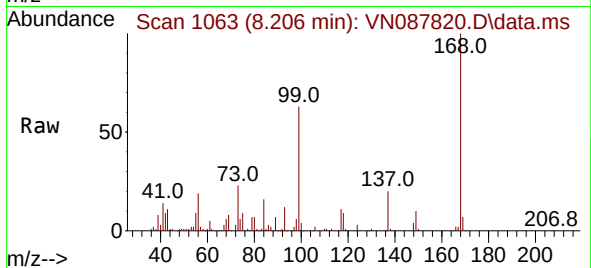




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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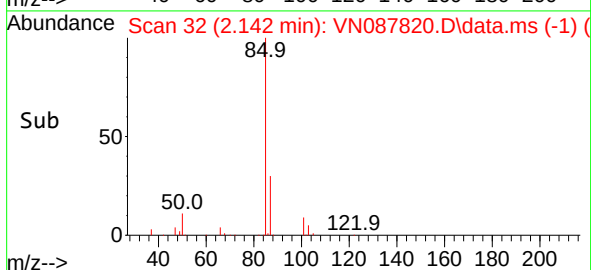
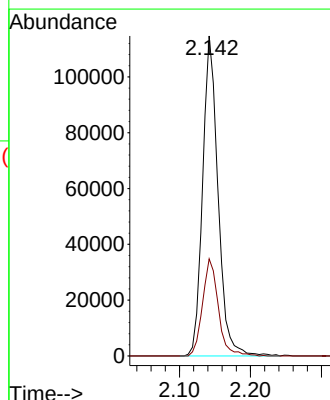
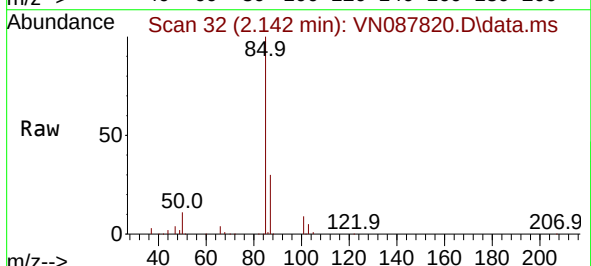
Instrument :
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VSTDCCC050

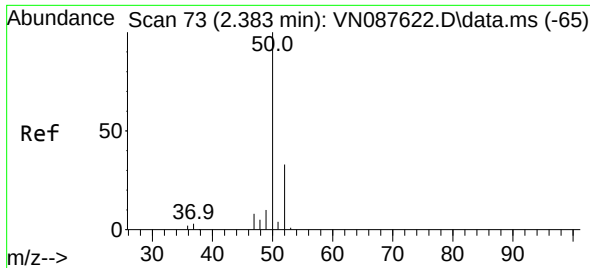
Tgt Ion:168 Resp: 257288
Ion Ratio Lower Upper
168 100
99 62.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 47.453 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 85 Resp: 173403
Ion Ratio Lower Upper
85 100
87 30.3 16.6 49.8

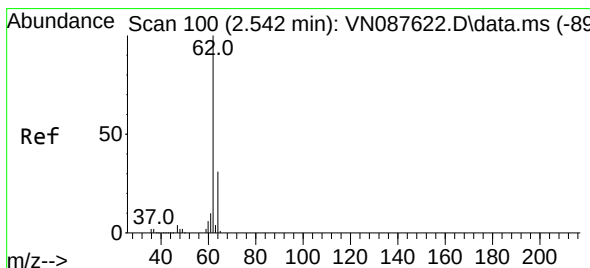
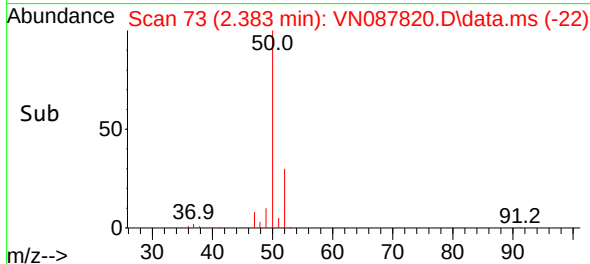
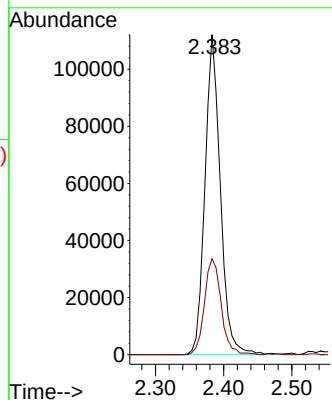
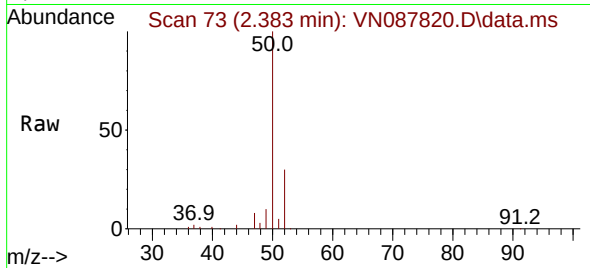




#3
Chloromethane
Concen: 46.965 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

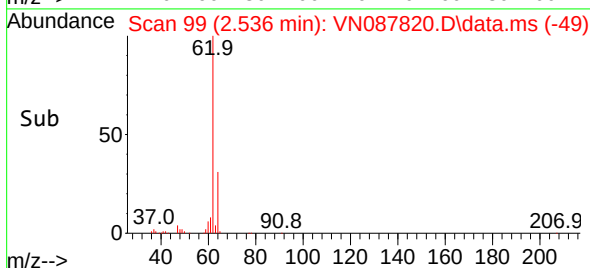
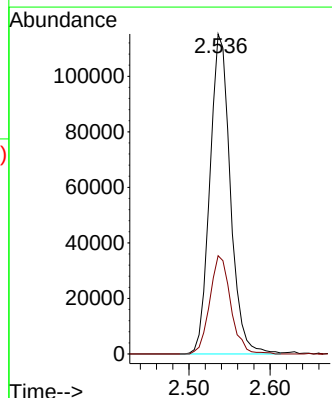
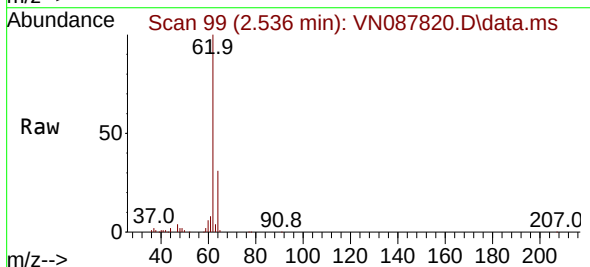
Instrument :
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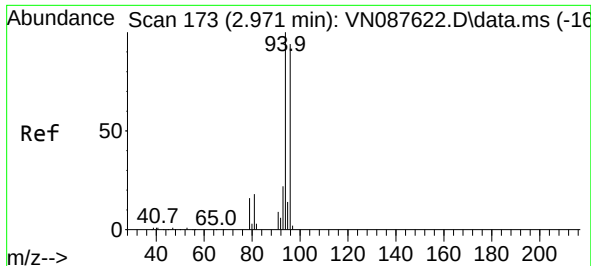
Tgt Ion: 50 Resp: 176368
Ion Ratio Lower Upper
50 100
52 30.0 26.2 39.4



#4
Vinyl Chloride
Concen: 46.342 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 62 Resp: 201781
Ion Ratio Lower Upper
62 100
64 30.7 24.6 37.0

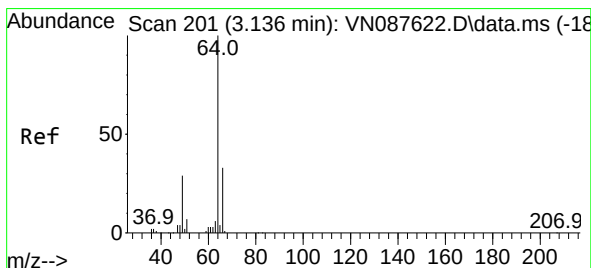
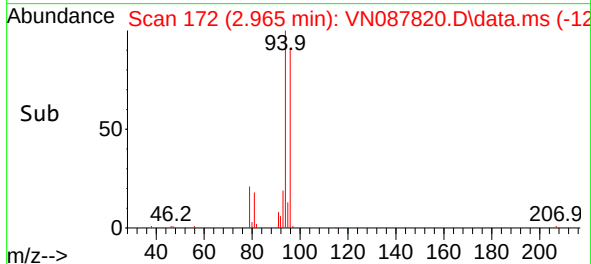
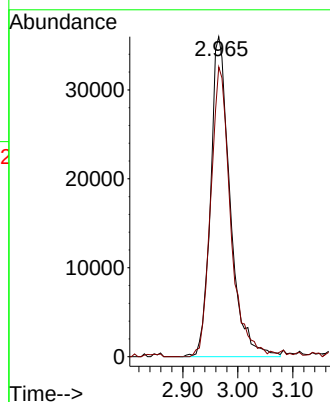
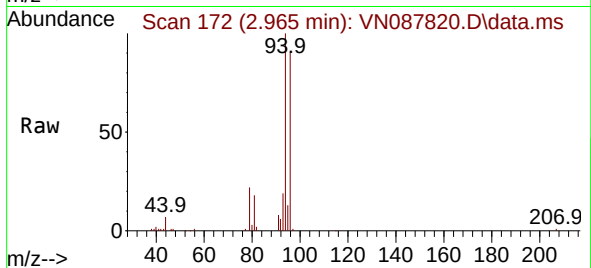




#5
Bromomethane
Concen: 39.473 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087820.D
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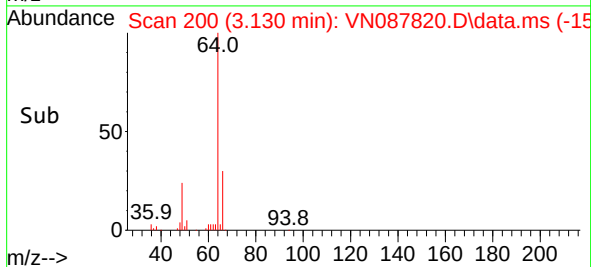
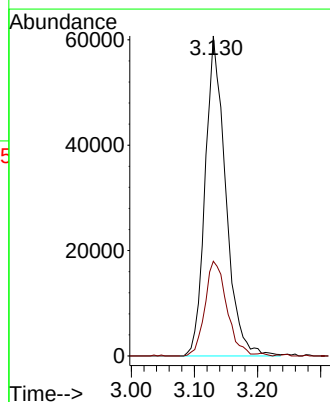
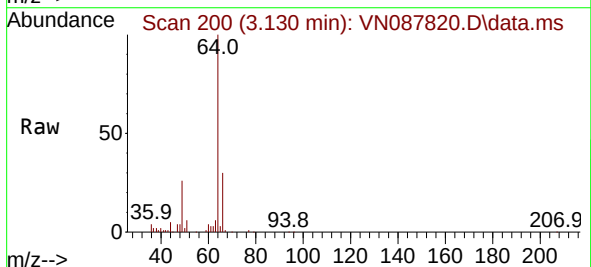
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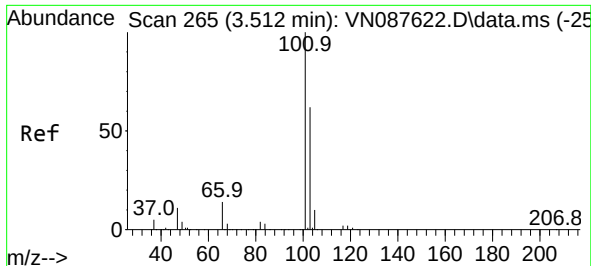
Tgt Ion: 94 Resp: 88683
Ion Ratio Lower Upper
94 100
96 90.6 75.4 113.2



#6
Chloroethane
Concen: 44.779 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 64 Resp: 137038
Ion Ratio Lower Upper
64 100
66 29.6 26.2 39.2

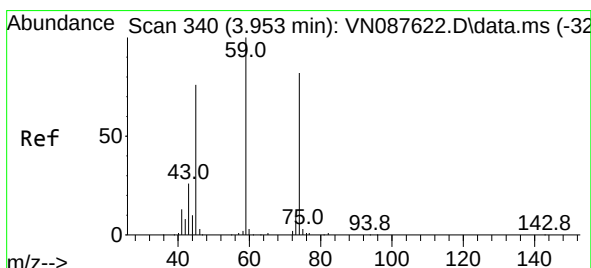
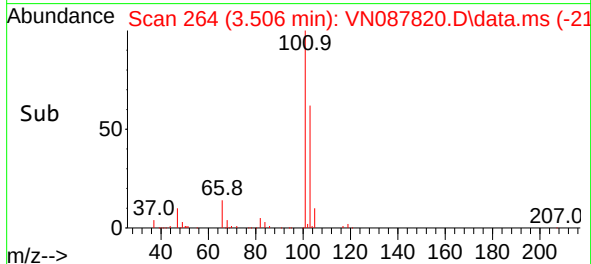
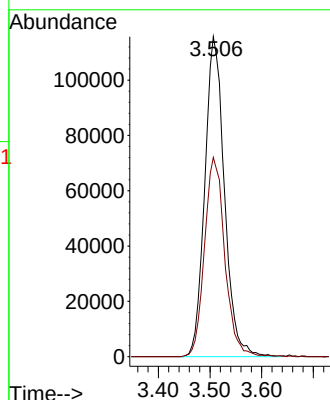
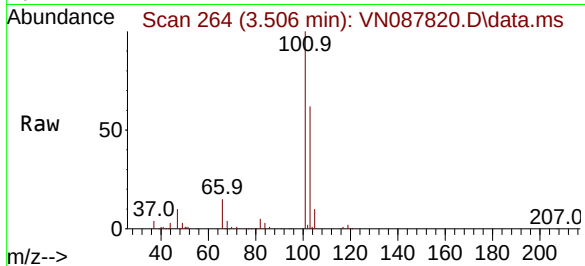




#7
 Trichlorofluoromethane
 Concen: 47.883 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

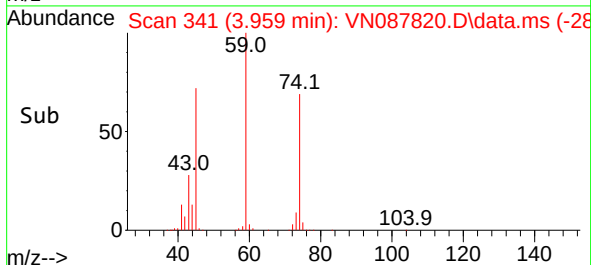
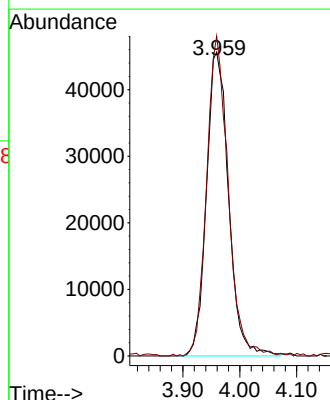
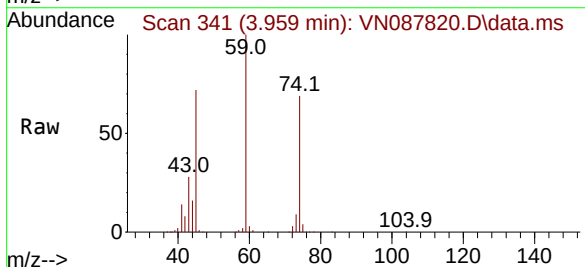
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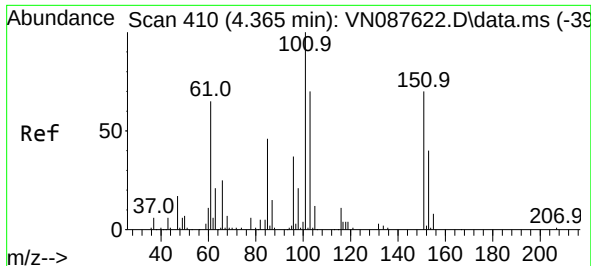
Tgt Ion:101 Resp: 305464
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.4 74.0



#8
 Diethyl Ether
 Concen: 44.428 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087820.D
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Tgt Ion: 74 Resp: 123432
 Ion Ratio Lower Upper
 74 100
 45 102.3 50.6 151.9

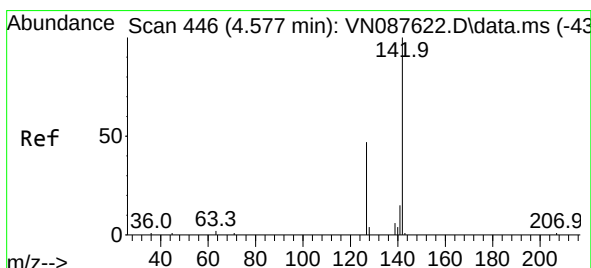
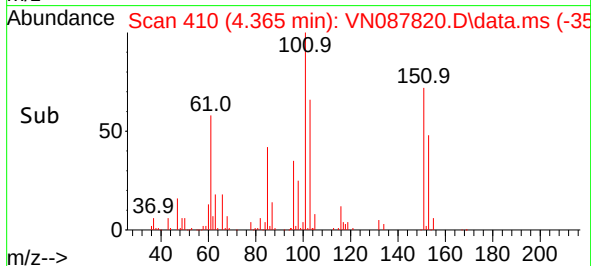
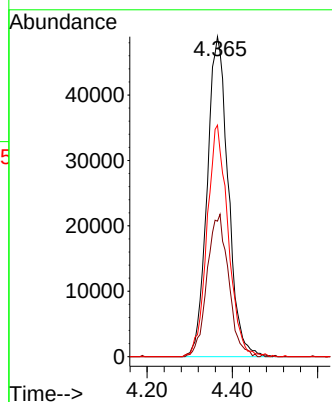
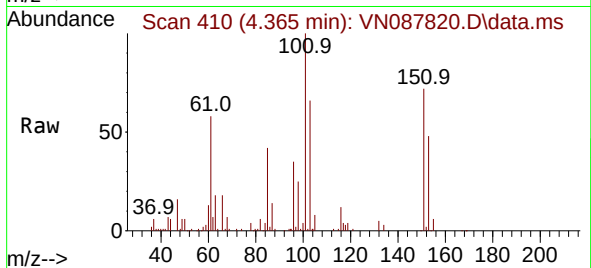




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.377 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

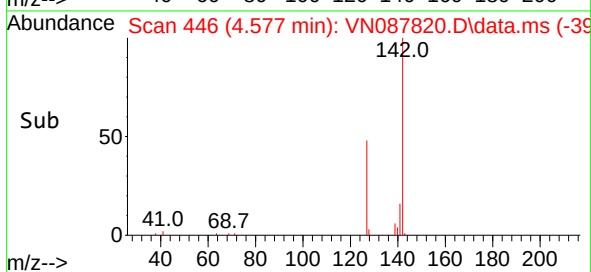
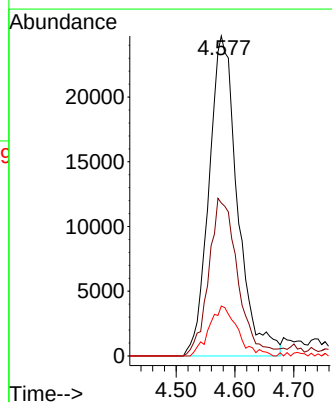
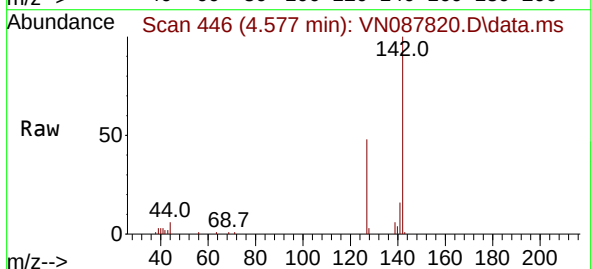
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

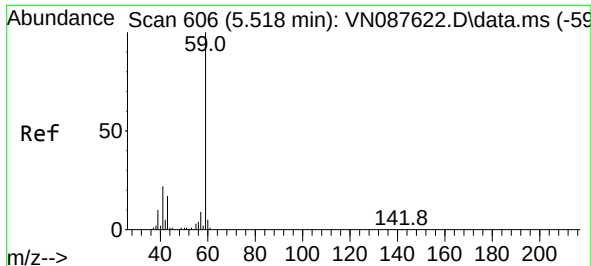
Tgt Ion:101 Resp: 167406
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 72.7 54.7 82.1



#10
Methyl Iodide
Concen: 33.566 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:142 Resp: 83558
Ion Ratio Lower Upper
142 100
127 47.8 38.0 57.0
141 15.6 12.0 18.0

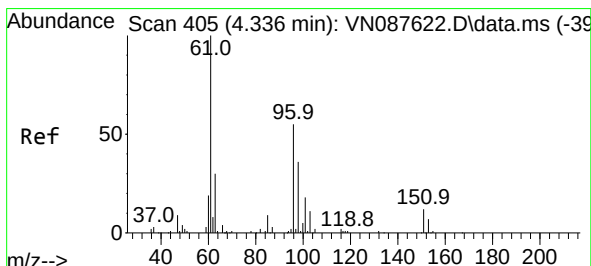
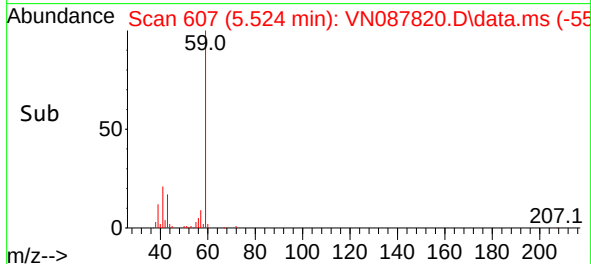
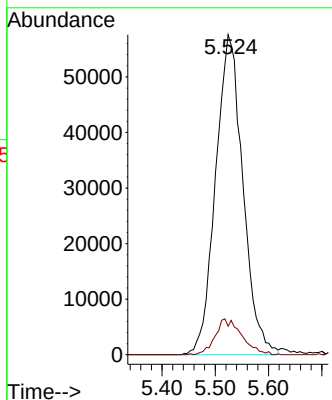
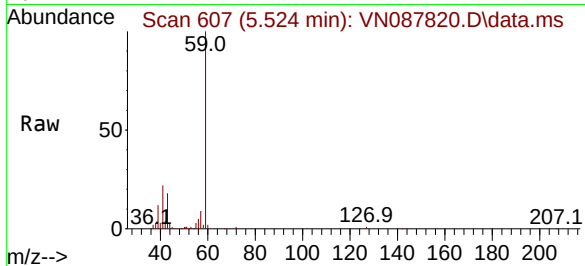




#11
Tert butyl alcohol
Concen: 224.038 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

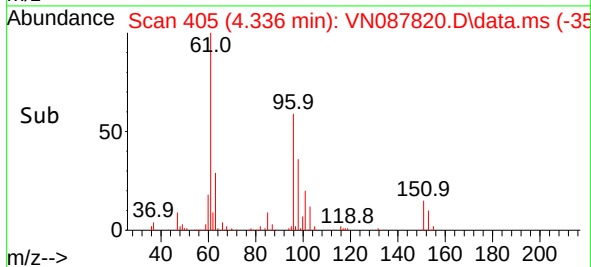
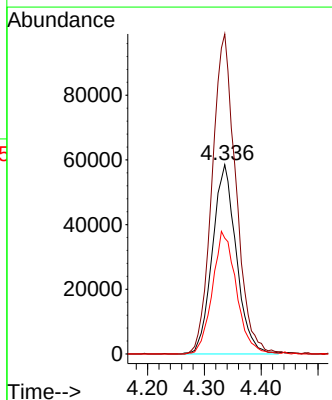
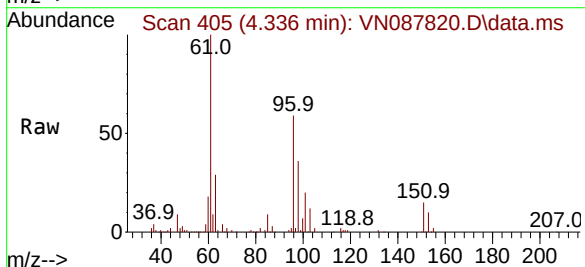
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

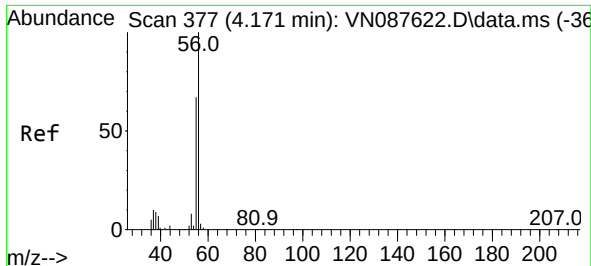
Tgt Ion: 59 Resp: 205030
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.126 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 96 Resp: 171103
Ion Ratio Lower Upper
96 100
61 169.0 143.8 215.8
98 61.2 52.1 78.1

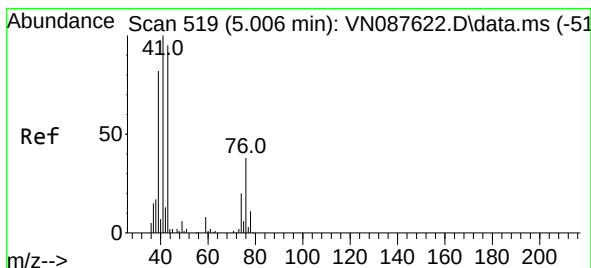
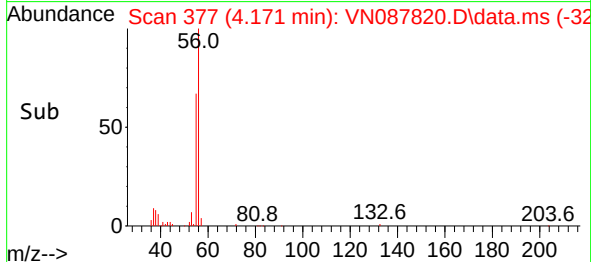
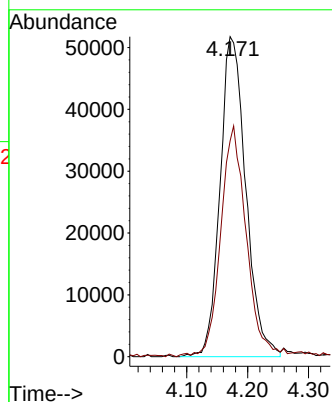
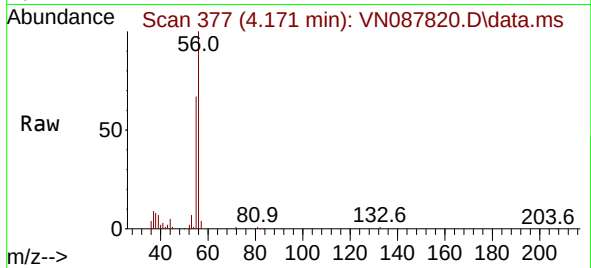




#13
Acrolein
Concen: 135.445 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

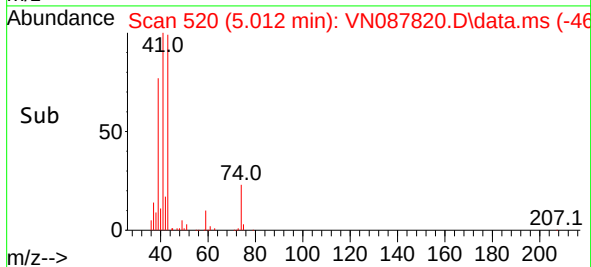
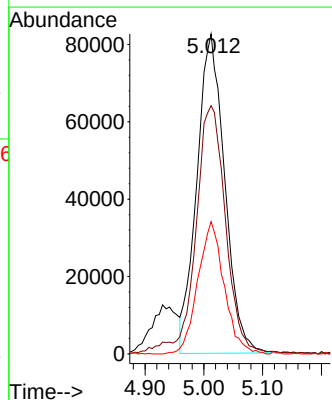
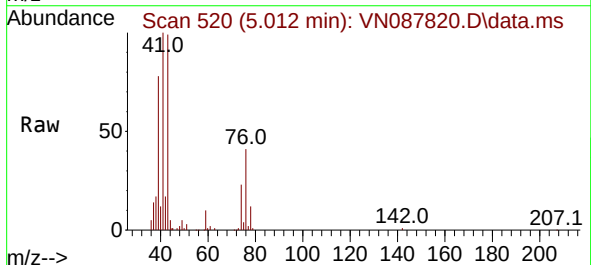
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

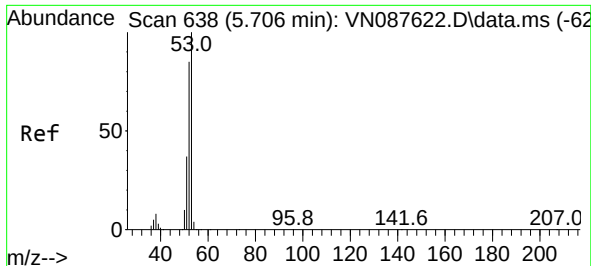
Tgt Ion: 56 Resp: 152385
Ion Ratio Lower Upper
56 100
55 70.1 57.3 85.9



#14
Allyl chloride
Concen: 40.476 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 41 Resp: 272082
Ion Ratio Lower Upper
41 100
39 83.9 63.9 95.9
76 39.1 28.1 42.1

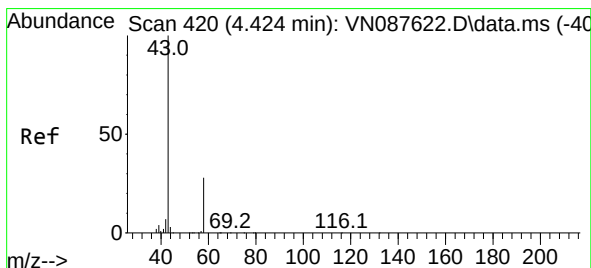
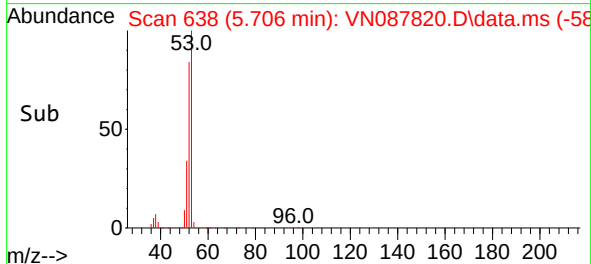
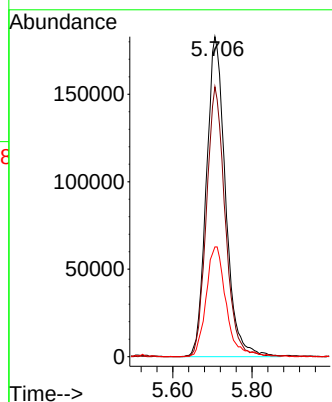
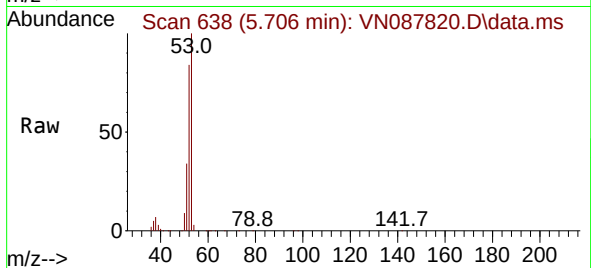




#15
Acrylonitrile
Concen: 237.986 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

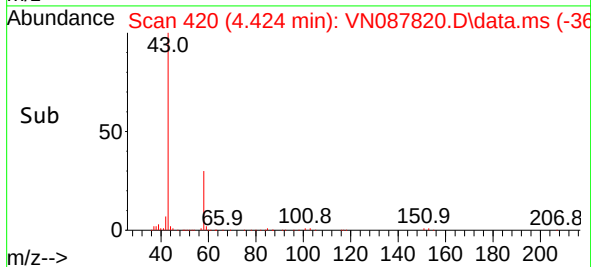
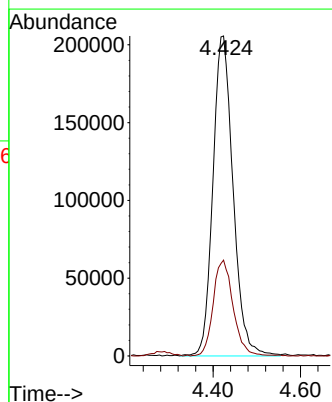
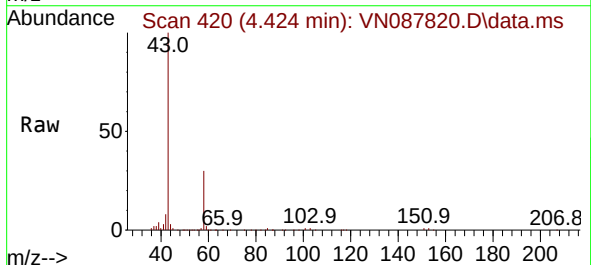
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

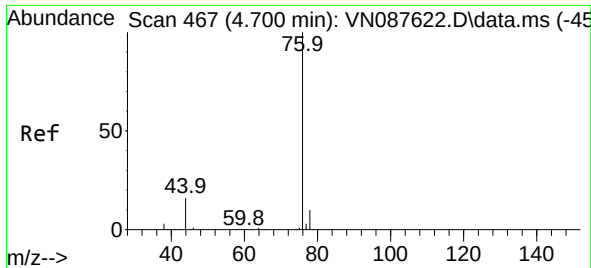
Tgt Ion: 53 Resp: 614236
Ion Ratio Lower Upper
53 100
52 82.2 67.6 101.4
51 36.0 30.1 45.1



#16
Acetone
Concen: 229.290 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 43 Resp: 657984
Ion Ratio Lower Upper
43 100
58 29.7 22.6 33.8

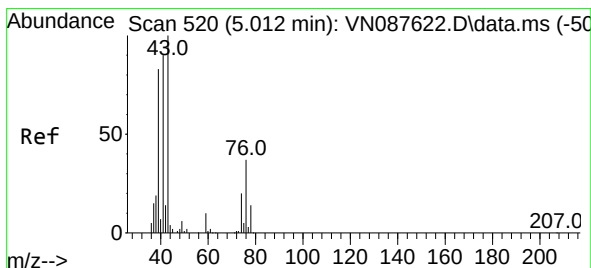
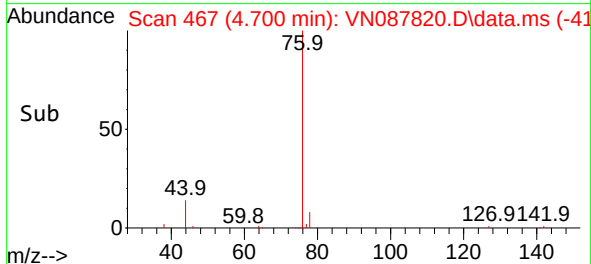
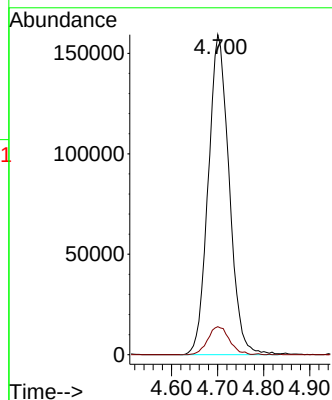
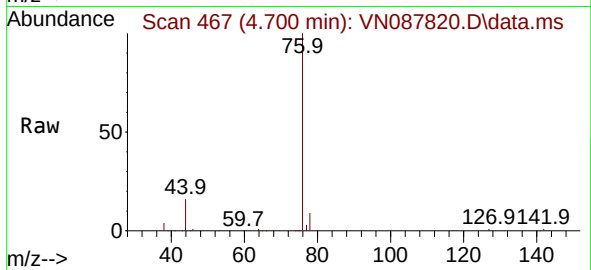




#17
Carbon Disulfide
Concen: 49.291 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

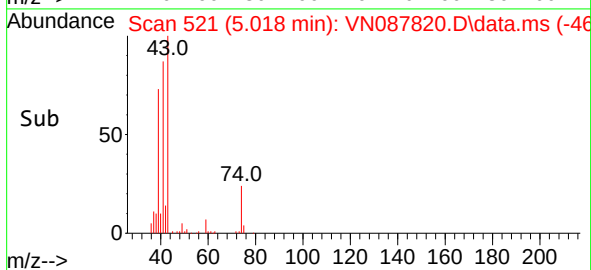
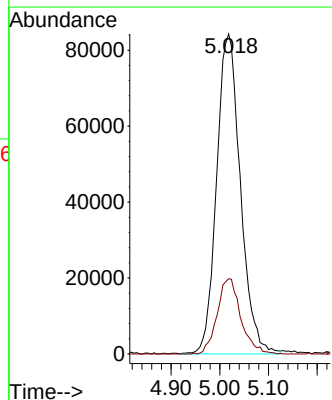
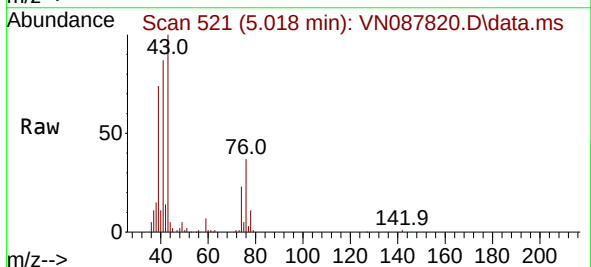
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

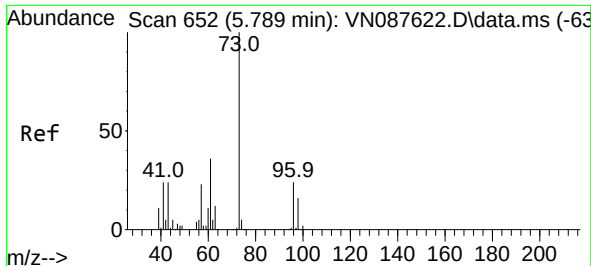
Tgt Ion: 76 Resp: 503365
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 47.635 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 43 Resp: 286214
Ion Ratio Lower Upper
43 100
74 23.3 17.6 26.4

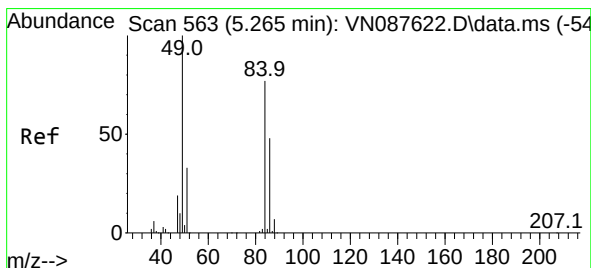
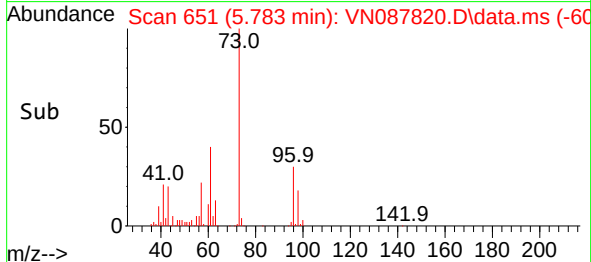
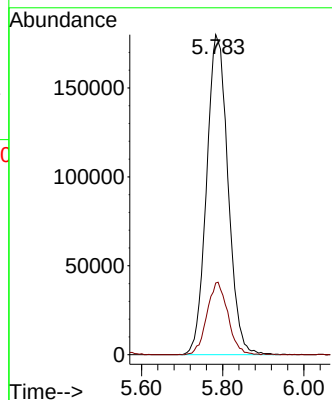
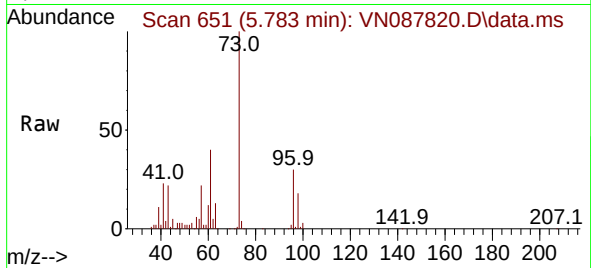




#19
Methyl tert-butyl Ether
Concen: 47.331 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

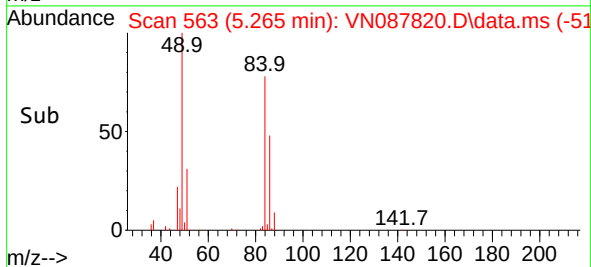
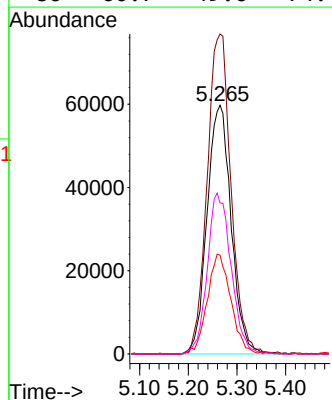
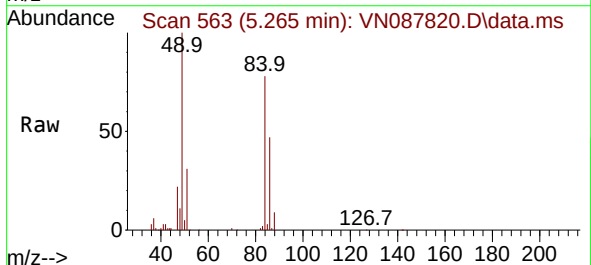
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

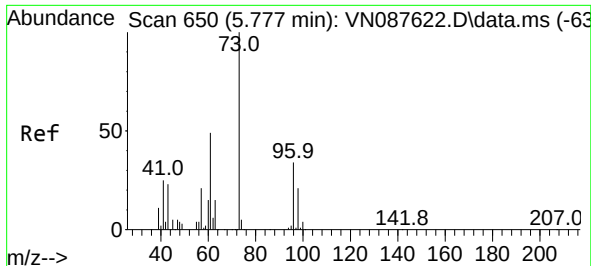
Tgt Ion: 73 Resp: 658634
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 49.355 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 84 Resp: 204926
Ion Ratio Lower Upper
84 100
49 128.7 103.4 155.2
51 39.7 33.8 50.8
86 60.7 49.6 74.4

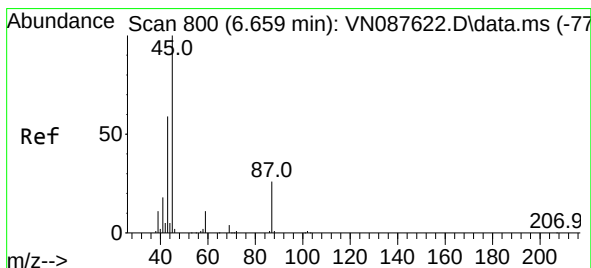
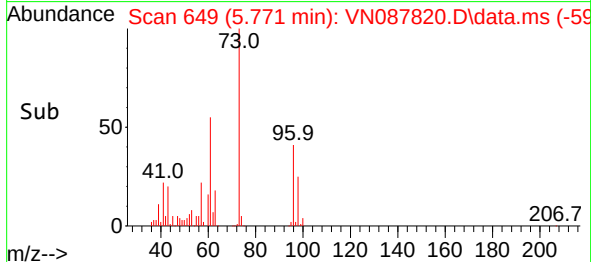
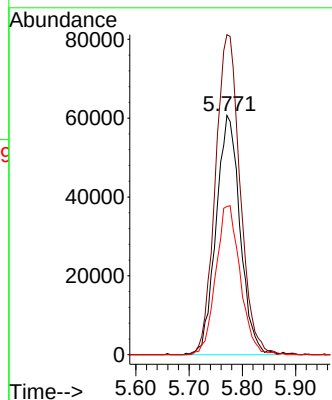
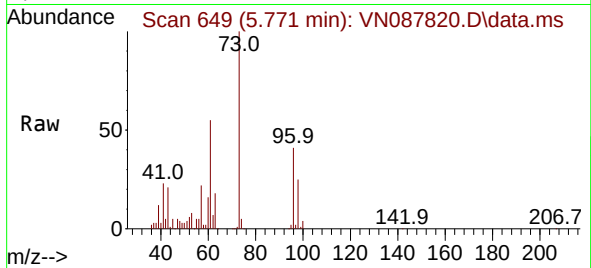




#21
trans-1,2-Dichloroethene
Concen: 47.311 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

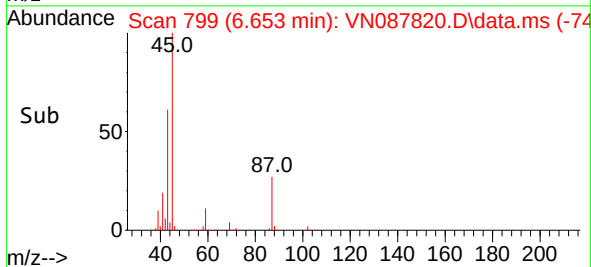
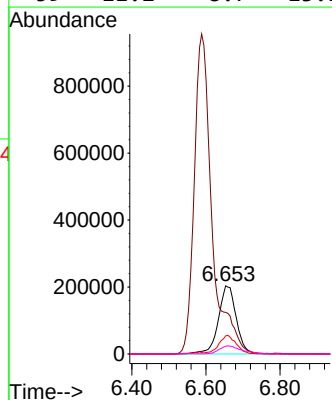
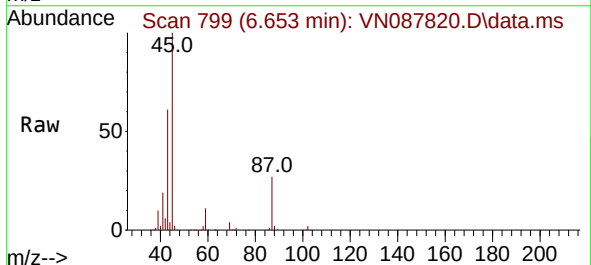
Instrument :
MSVOA_N
ClientSampleId :
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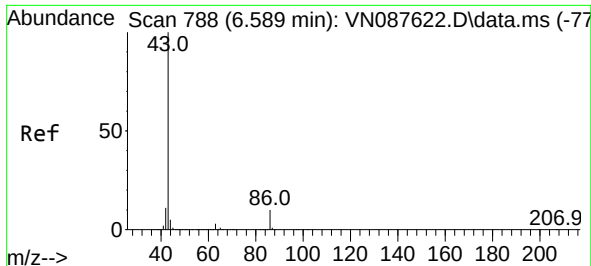
Tgt Ion: 96 Resp: 190202
Ion Ratio Lower Upper
96 100
61 133.7 118.0 177.0
98 61.9 50.0 75.0



#22
Diisopropyl ether
Concen: 46.832 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 45 Resp: 679356
Ion Ratio Lower Upper
45 100
43 60.0 47.7 71.5
87 26.5 21.4 32.0
59 11.2 8.7 13.1

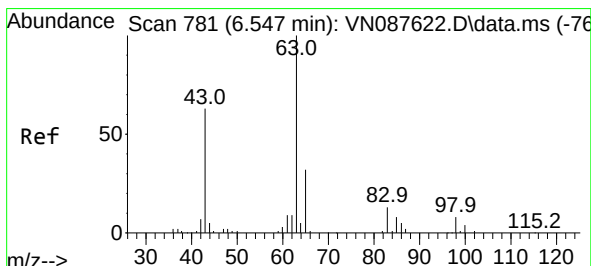
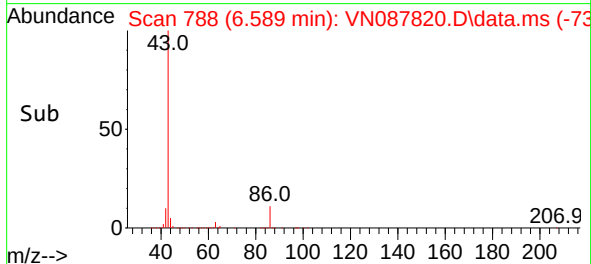
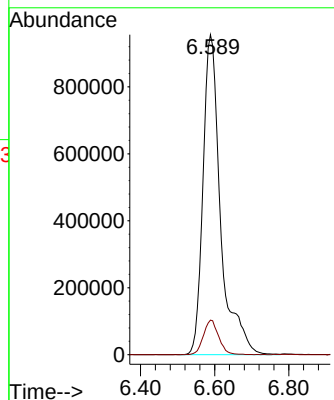
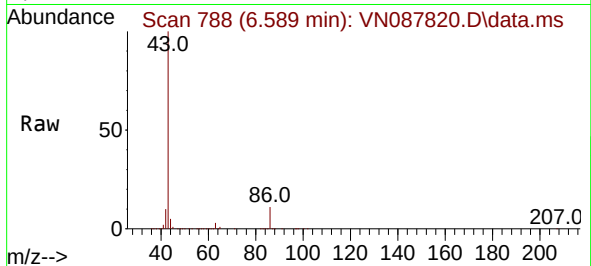




#23
 Vinyl Acetate
 Concen: 238.914 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

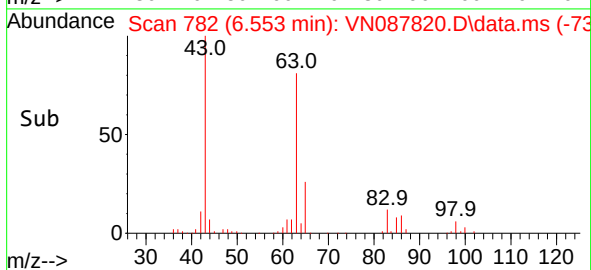
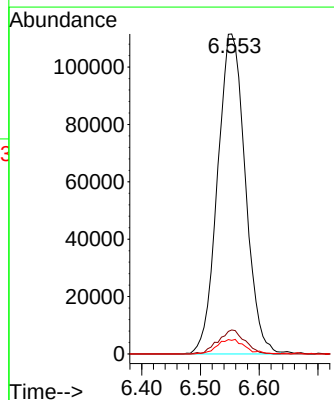
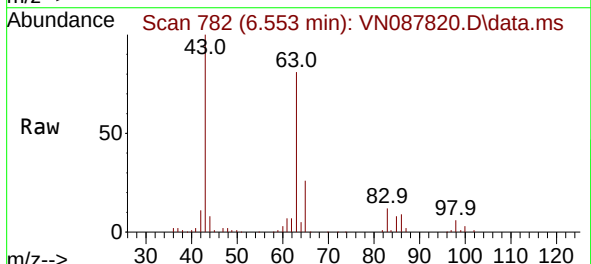
Instrument :
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 VSTDCCC050

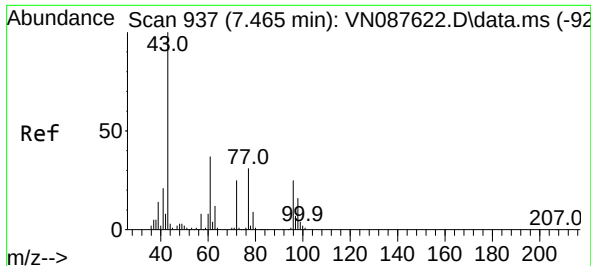
Tgt Ion: 43 Resp: 3153095
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 45.929 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

Tgt Ion: 63 Resp: 365304
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.3 2.0 6.0

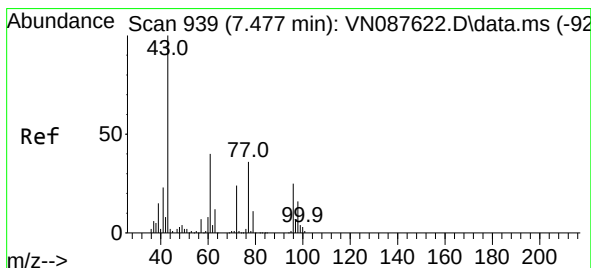
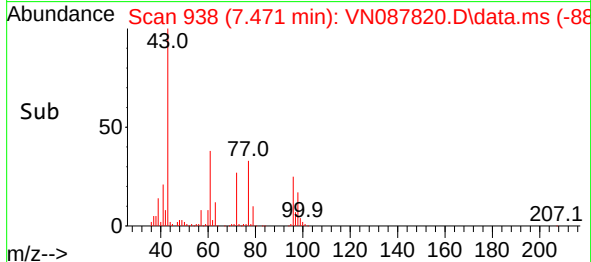
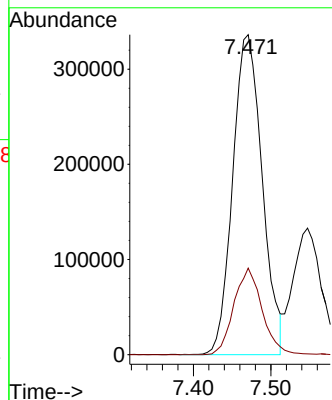
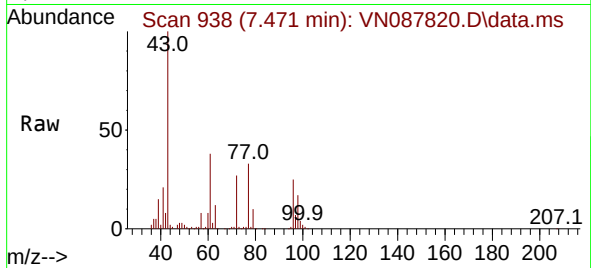




#25
2-Butanone
Concen: 235.936 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

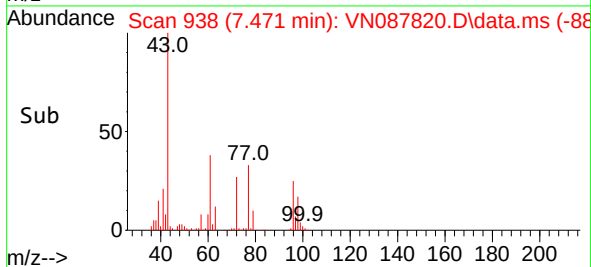
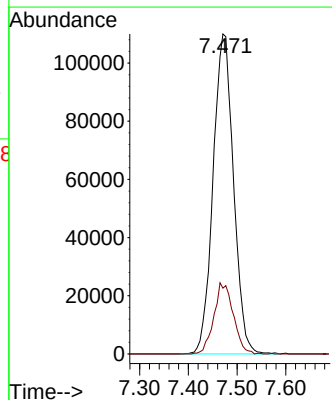
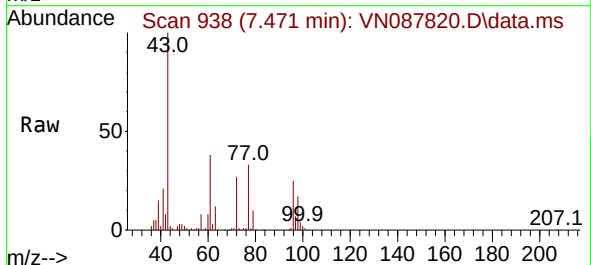
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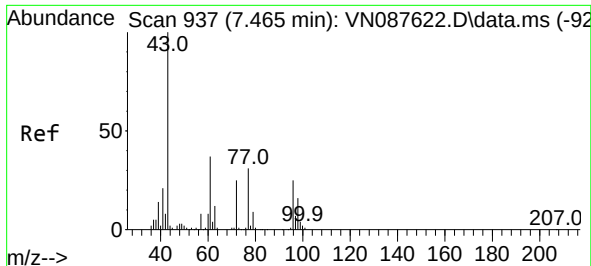
Tgt Ion: 43 Resp: 890750
Ion Ratio Lower Upper
43 100
72 27.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 46.923 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 77 Resp: 320312
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7

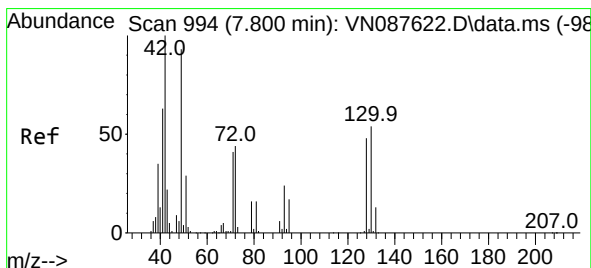
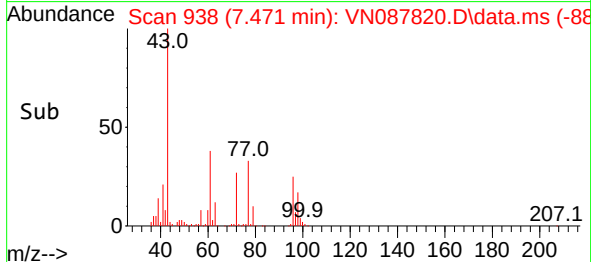
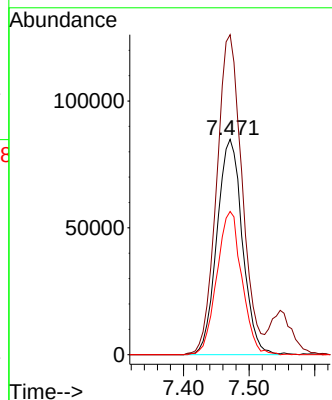
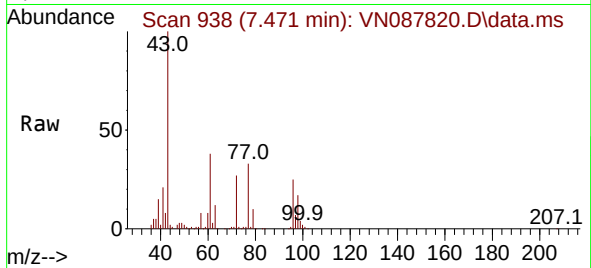




#27
 cis-1,2-Dichloroethene
 Concen: 47.516 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

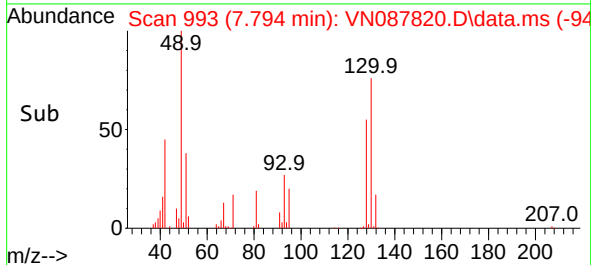
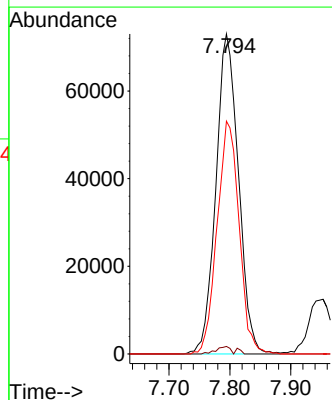
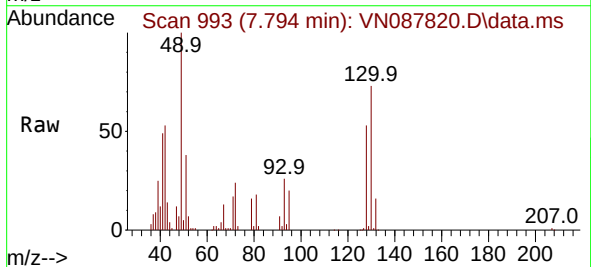
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

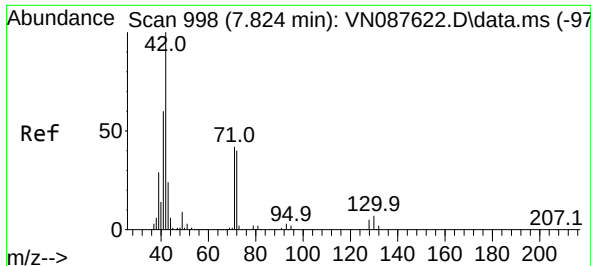
Tgt Ion: 96 Resp: 228371
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 301.8
 98 65.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 48.900 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

Tgt Ion: 49 Resp: 188026
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 70.9 53.1 79.7

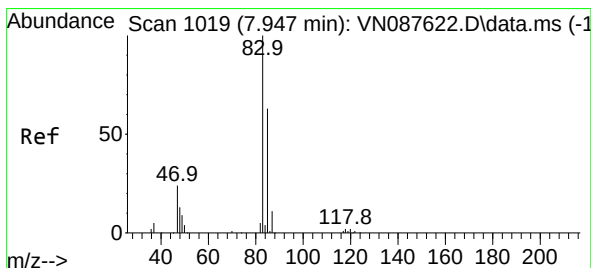
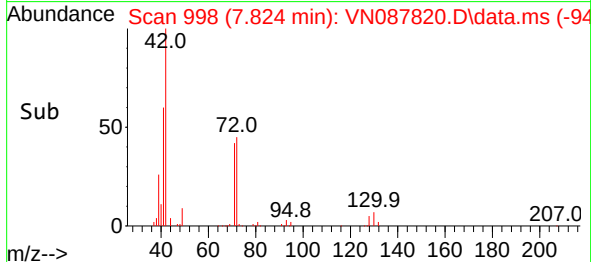
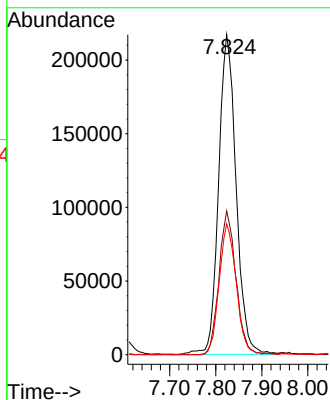
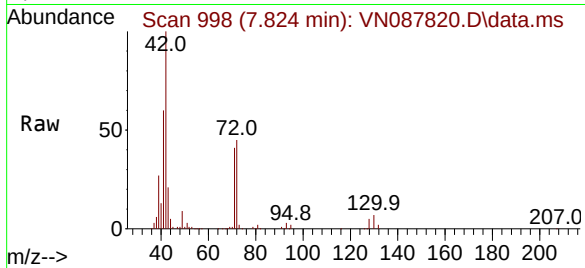




#29
Tetrahydrofuran
Concen: 235.075 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

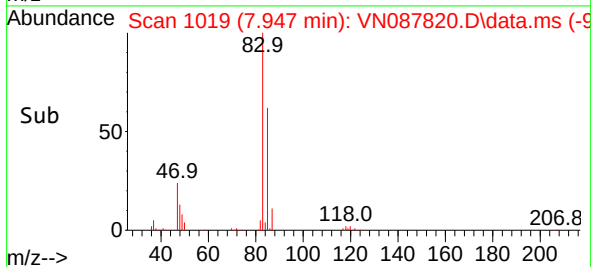
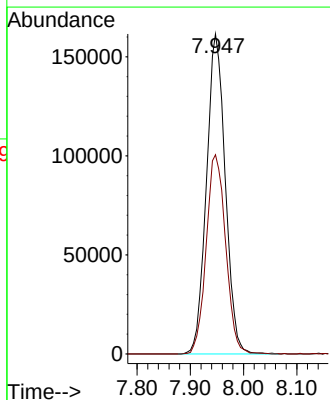
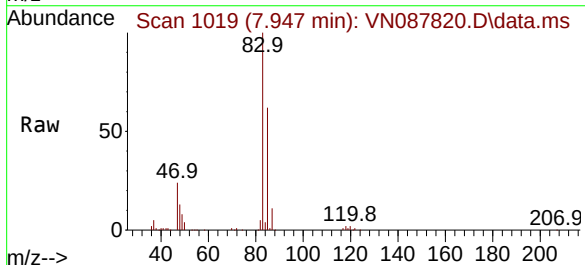
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

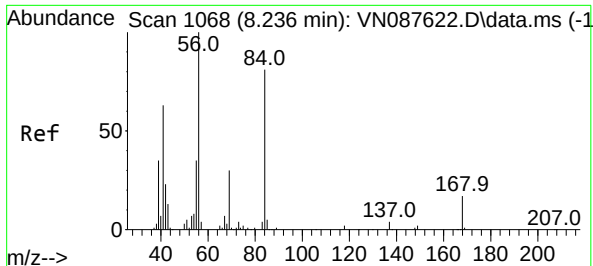
Tgt Ion: 42 Resp: 571156
Ion Ratio Lower Upper
42 100
72 43.3 33.7 50.5
71 40.0 31.9 47.9



#30
Chloroform
Concen: 48.795 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 83 Resp: 396129
Ion Ratio Lower Upper
83 100
85 62.2 50.7 76.1

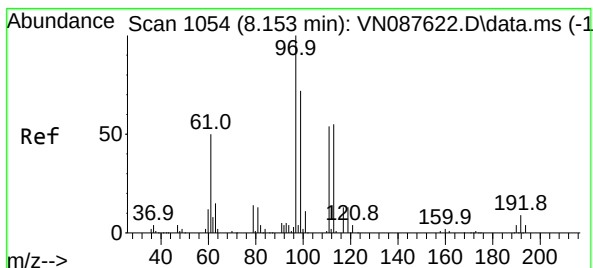
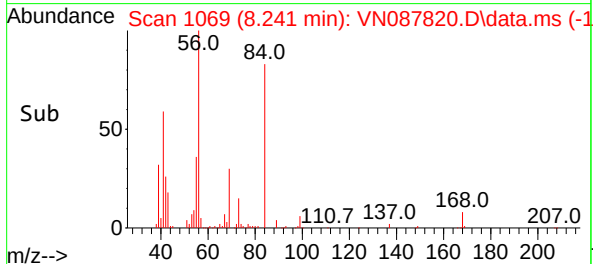
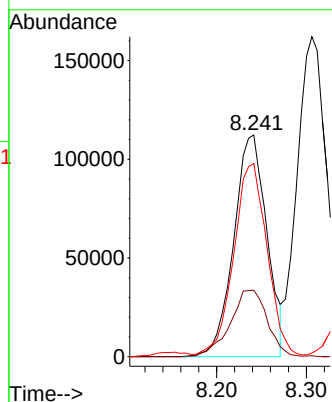
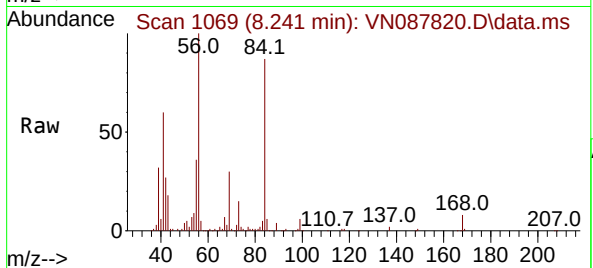




#31
Cyclohexane
Concen: 43.347 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

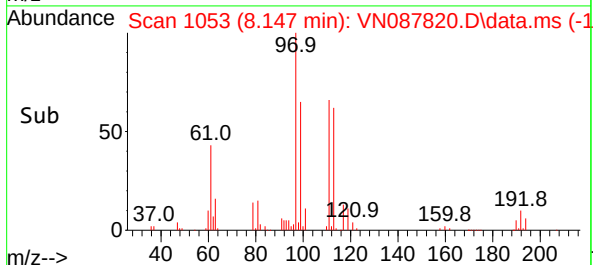
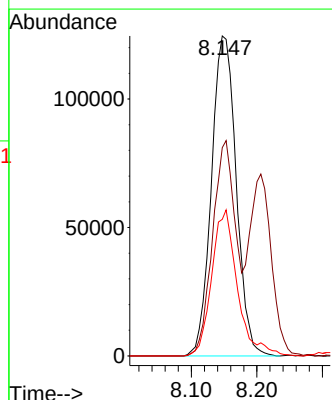
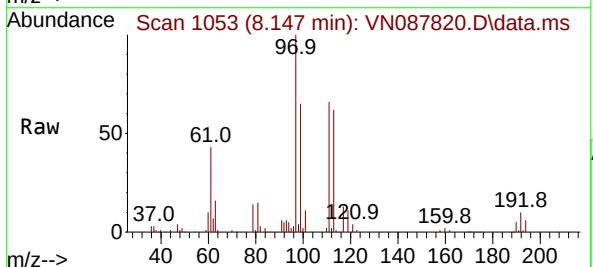
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

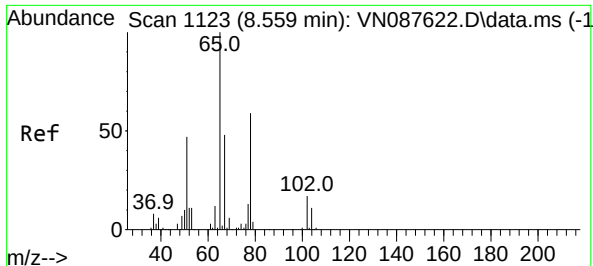
Tgt Ion: 56 Resp: 287417
Ion Ratio Lower Upper
56 100
69 30.0 23.7 35.5
84 85.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 47.482 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 97 Resp: 326672
Ion Ratio Lower Upper
97 100
99 62.5 52.2 78.2
61 47.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 49.275 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

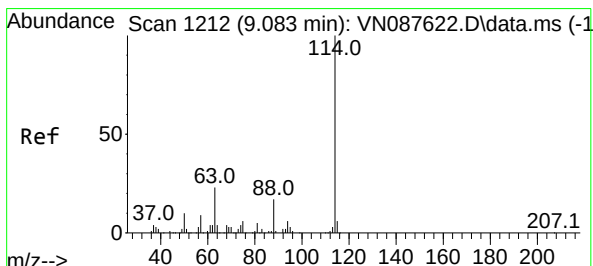
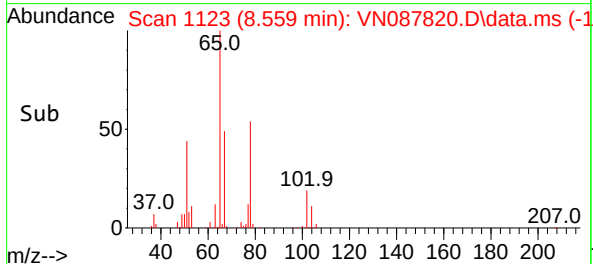
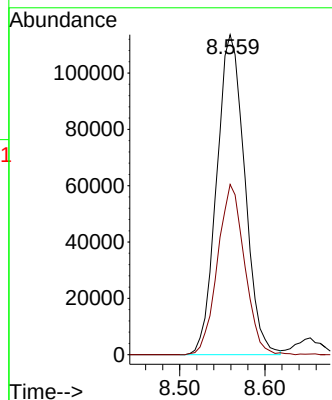
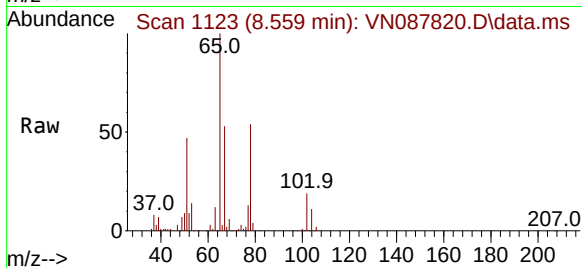
VSTDCCC050

Tgt Ion: 65 Resp: 259753

Ion Ratio Lower Upper

65 100

67 51.4 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: VN087820.D

Acq: 15 Sep 2025 08:39

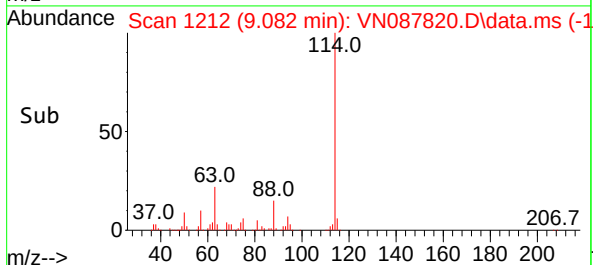
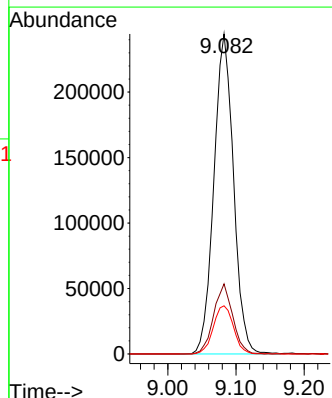
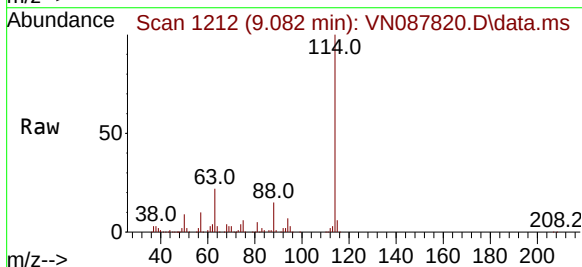
Tgt Ion: 114 Resp: 490599

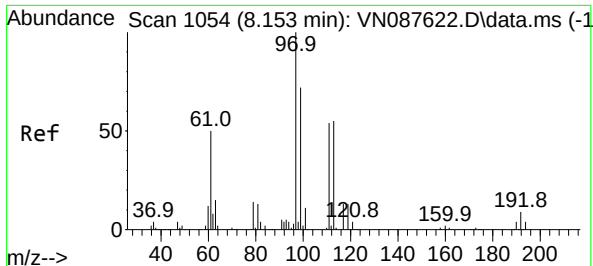
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.053 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

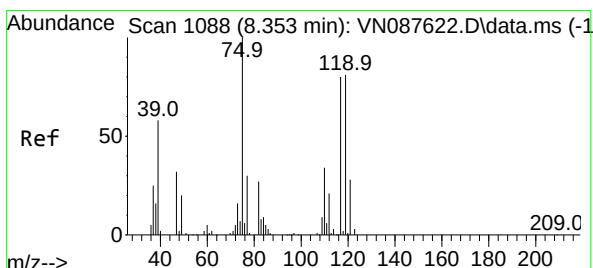
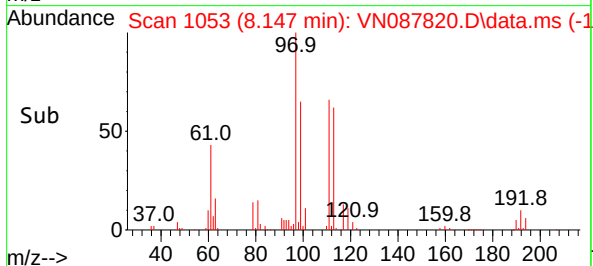
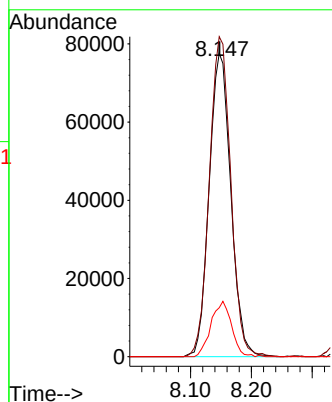
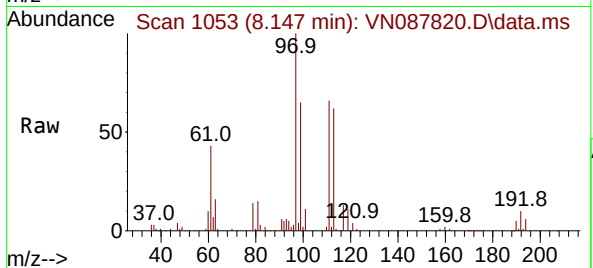
Tgt Ion:113 Resp: 191463

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

192 17.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 45.350 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

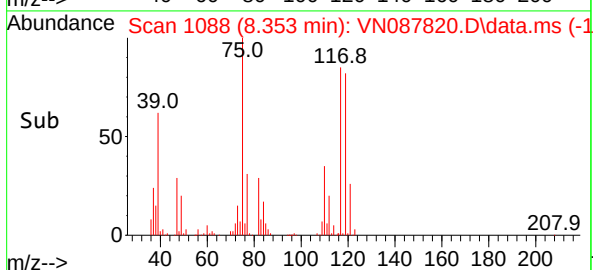
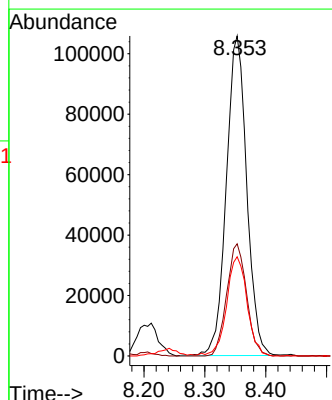
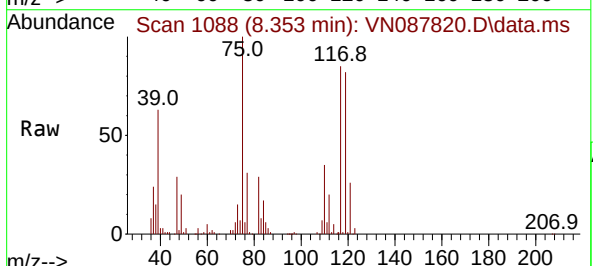
Tgt Ion: 75 Resp: 246433

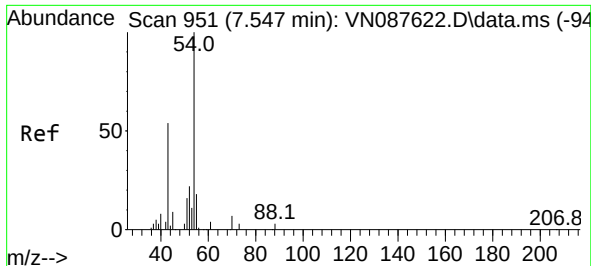
Ion Ratio Lower Upper

75 100

110 34.1 15.9 47.6

77 31.2 24.4 36.6

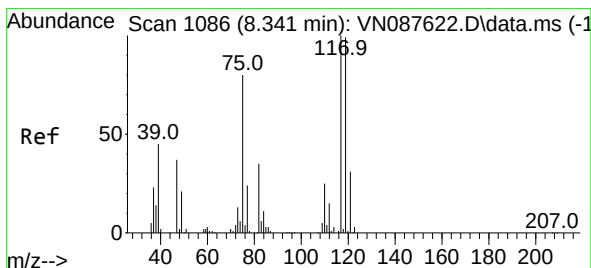
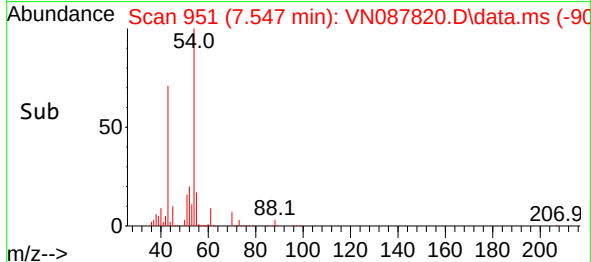
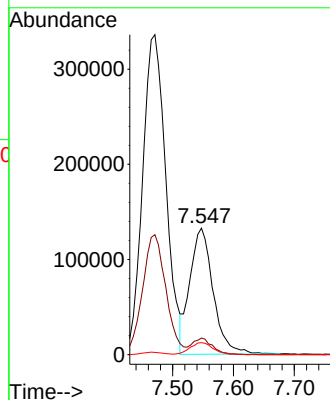
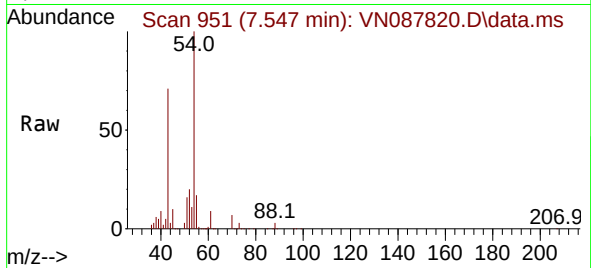




#37
Ethyl Acetate
Concen: 47.552 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

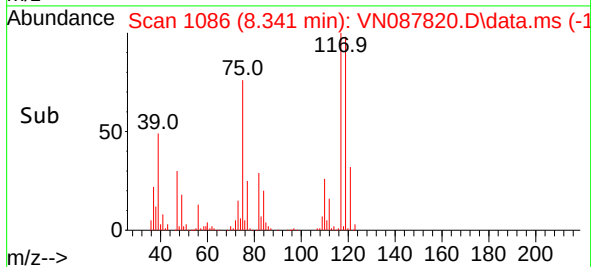
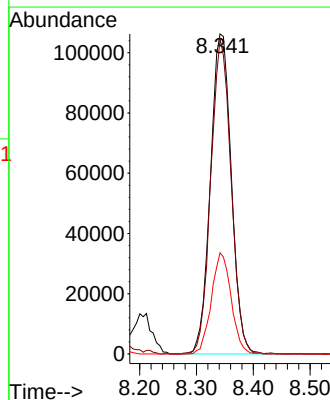
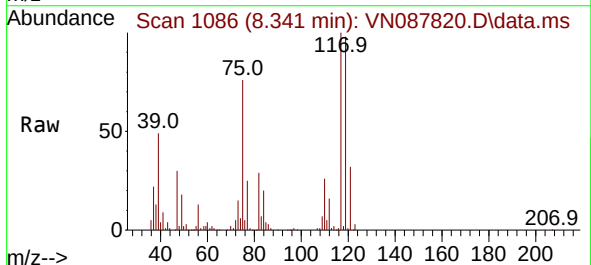
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

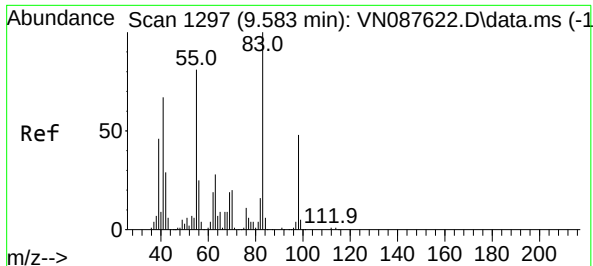
Tgt Ion: 43 Resp: 353098
Ion Ratio Lower Upper
43 100
61 11.2 9.3 13.9
70 9.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 50.425 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 117 Resp: 270542
Ion Ratio Lower Upper
117 100
119 98.4 79.0 118.6
121 31.6 25.0 37.6





#39

Methylcyclohexane

Concen: 46.502 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

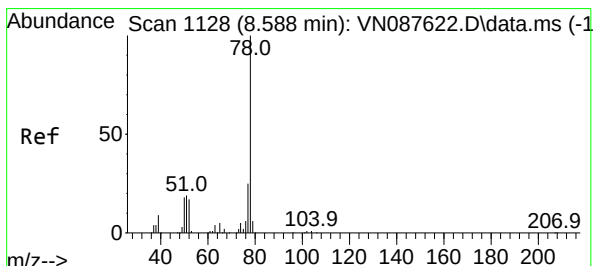
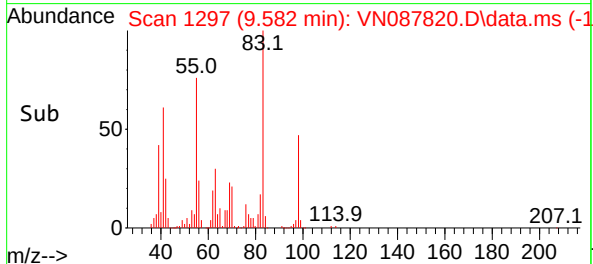
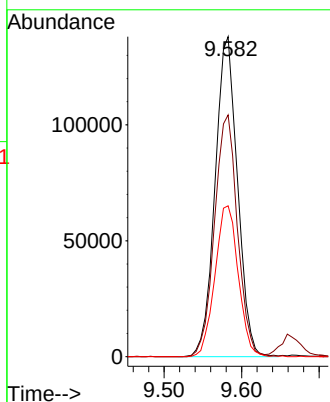
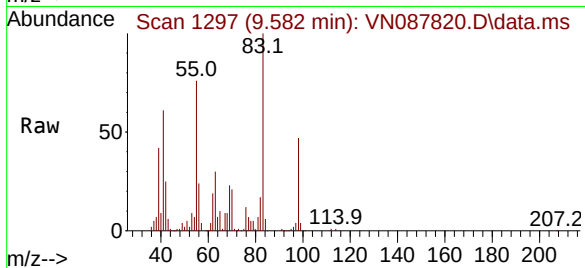
Tgt Ion: 83 Resp: 278202

Ion Ratio Lower Upper

83 100

55 75.6 64.6 96.8

98 47.2 38.4 57.6



#40

Benzene

Concen: 49.809 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087820.D

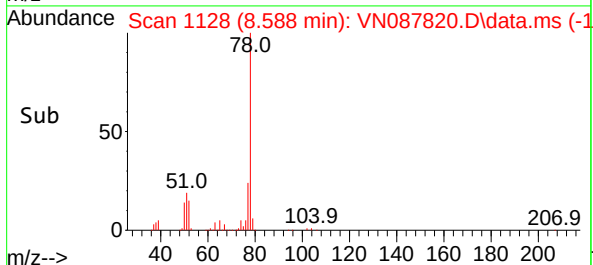
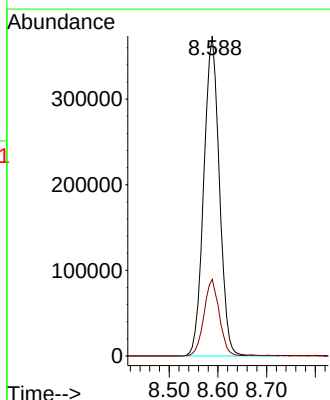
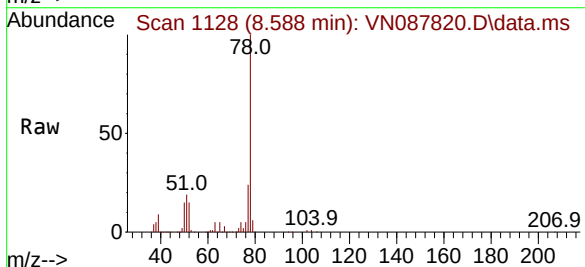
Acq: 15 Sep 2025 08:39

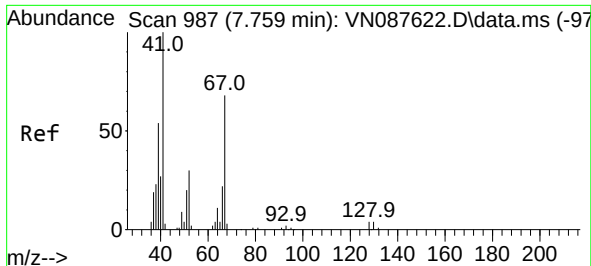
Tgt Ion: 78 Resp: 830170

Ion Ratio Lower Upper

78 100

77 23.9 19.7 29.5

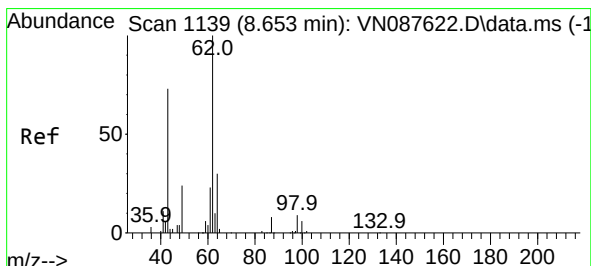
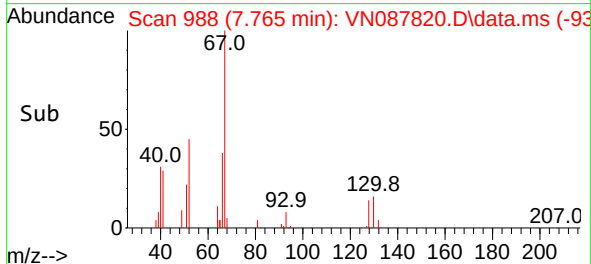
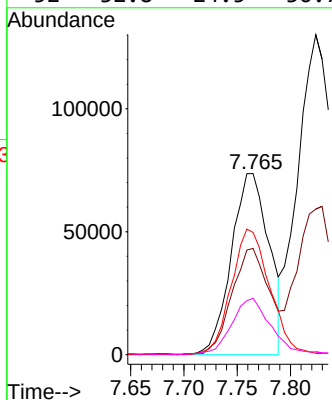
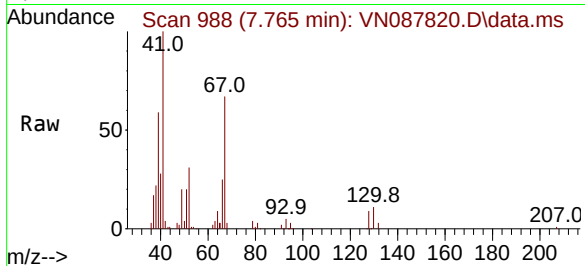




#41
Methacrylonitrile
Concen: 47.157 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

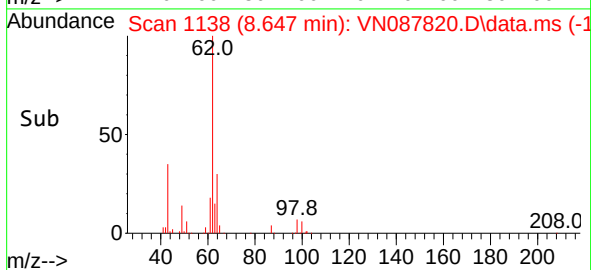
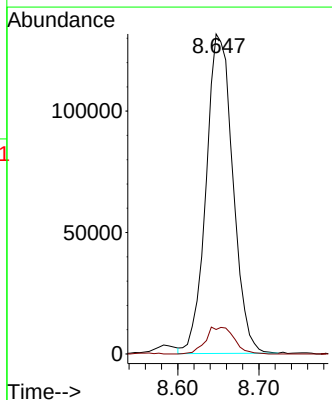
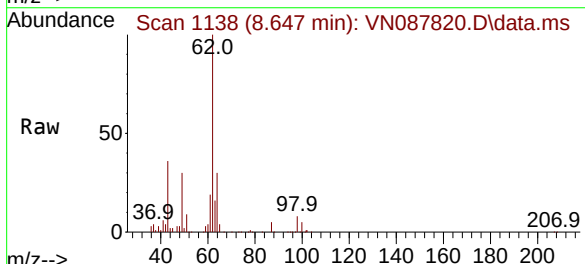
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

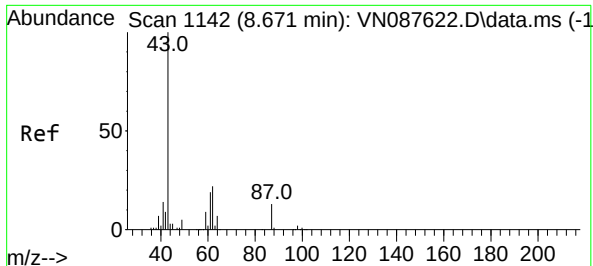
Tgt Ion:	41	Resp:	181385
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.4	68.0
67	71.0	55.3	82.9
52	32.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 47.100 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:	62	Resp:	301666
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4

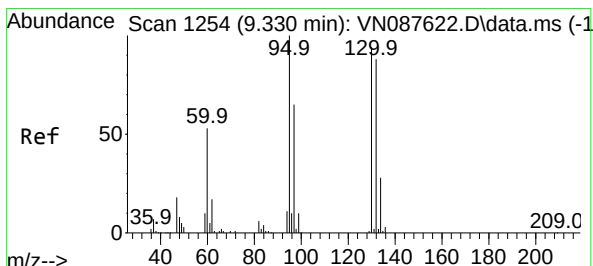
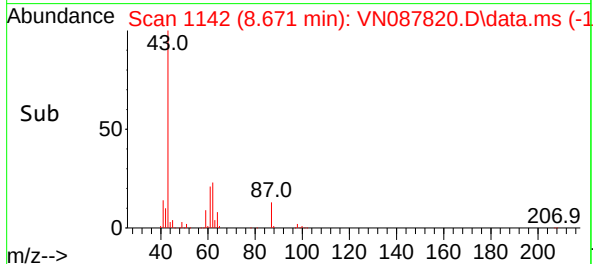
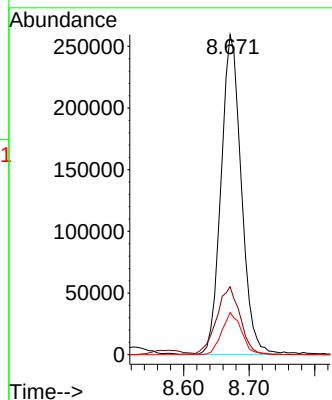
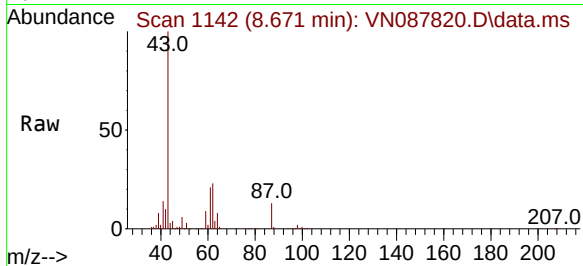




#43
Isopropyl Acetate
Concen: 47.791 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

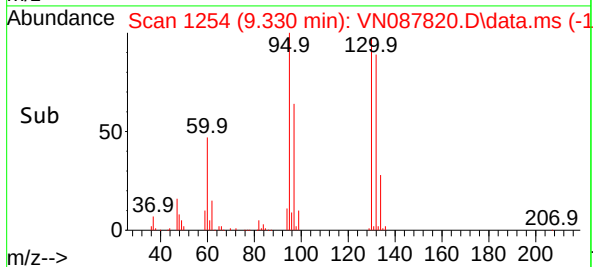
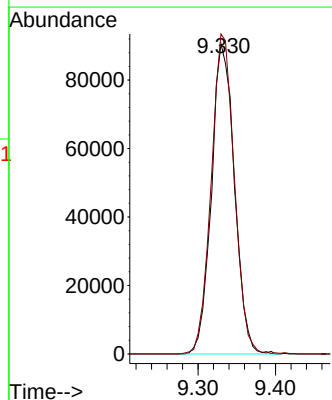
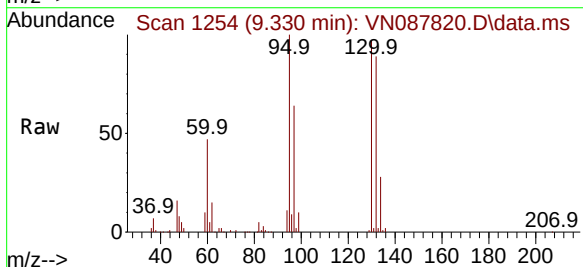
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

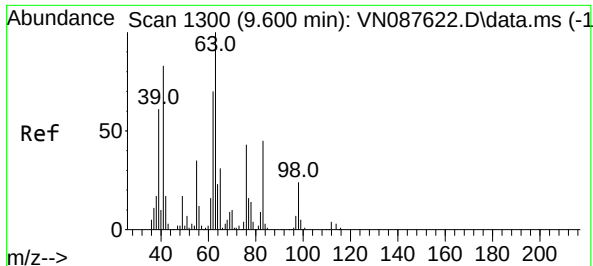
Tgt Ion: 43 Resp: 554047
Ion Ratio Lower Upper
43 100
61 24.9 18.8 28.2
87 12.9 9.6 14.4



#44
Trichloroethene
Concen: 49.011 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:130 Resp: 186497
Ion Ratio Lower Upper
130 100
95 103.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 47.653 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

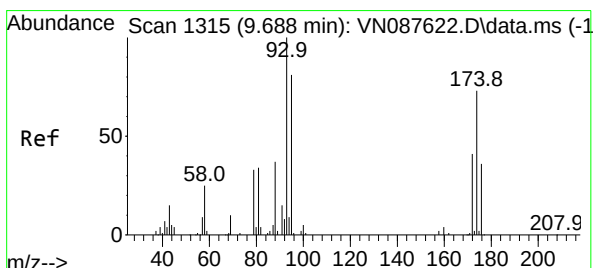
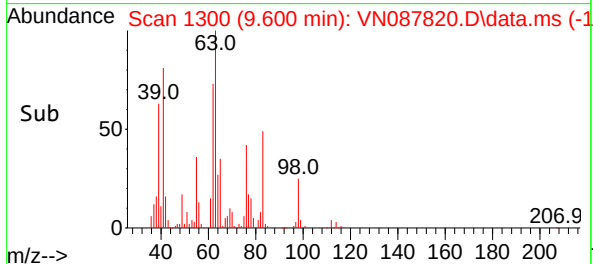
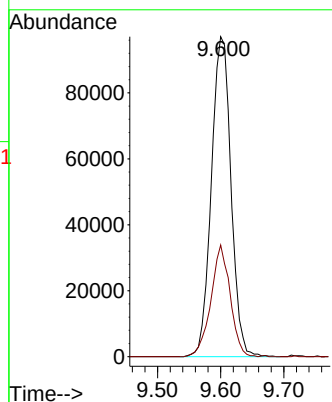
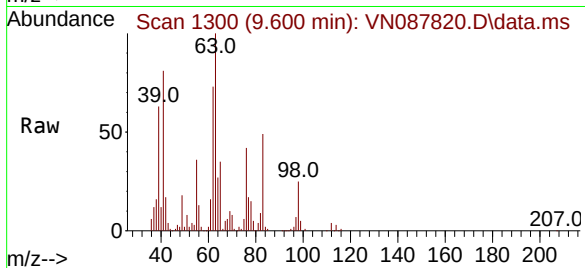
VSTDCCC050

Tgt Ion: 63 Resp: 209352

Ion Ratio Lower Upper

63 100

65 34.9 25.0 37.4



#46

Dibromomethane

Concen: 51.419 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

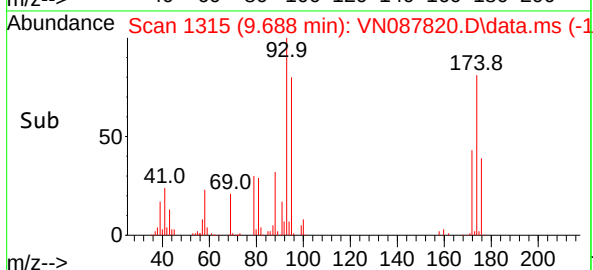
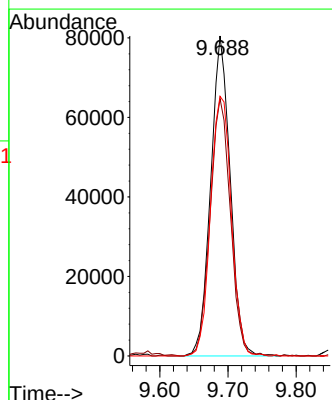
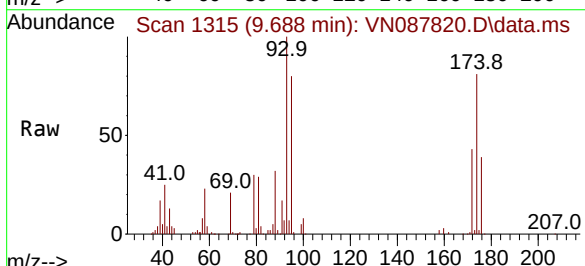
Tgt Ion: 93 Resp: 160753

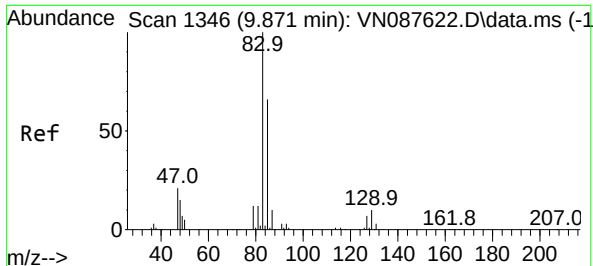
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 86.6 63.4 95.2





#47

Bromodichloromethane

Concen: 49.338 ug/l

RT: 9.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

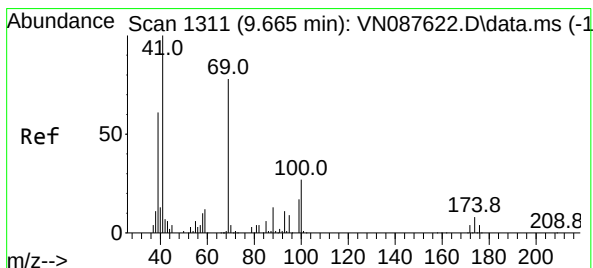
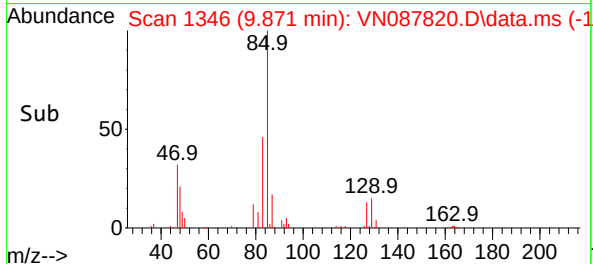
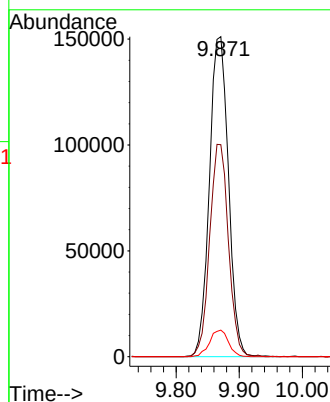
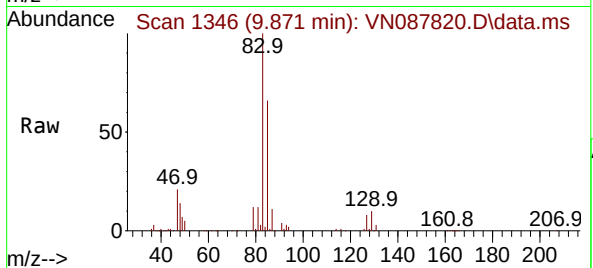
Tgt Ion: 83 Resp: 316122

Ion Ratio Lower Upper

83 100

85 66.2 52.5 78.7

127 8.3 5.8 8.6



#48

Methyl methacrylate

Concen: 47.083 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

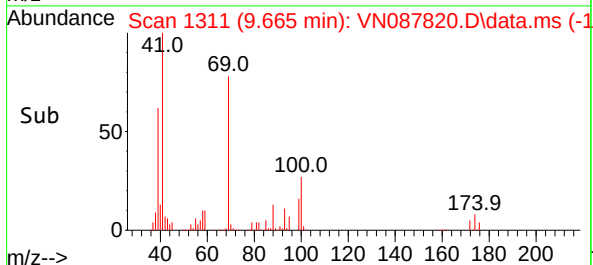
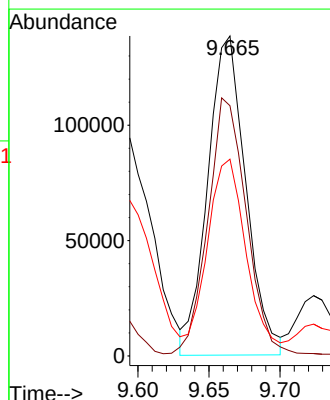
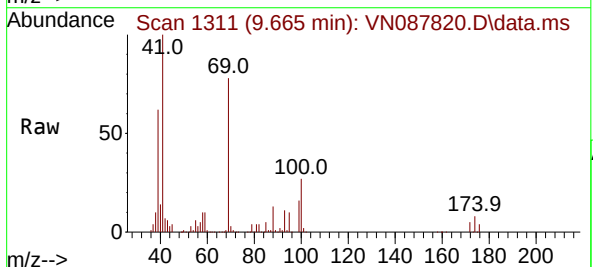
Tgt Ion: 41 Resp: 258185

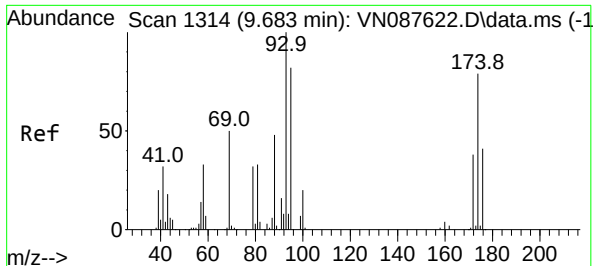
Ion Ratio Lower Upper

41 100

69 82.8 62.7 94.1

39 63.3 52.9 79.3





#49

1,4-Dioxane

Concen: 1083.694 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

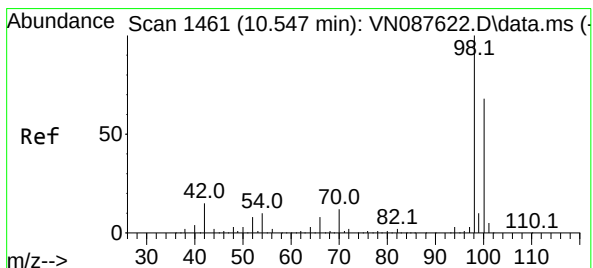
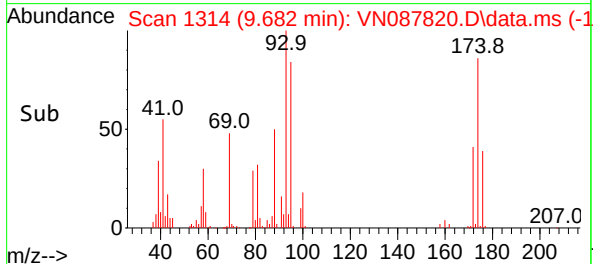
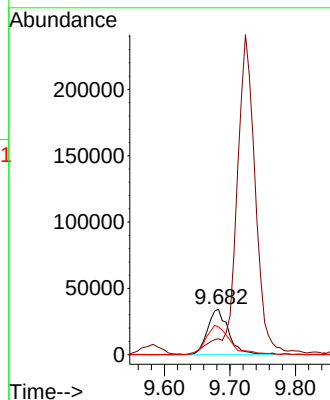
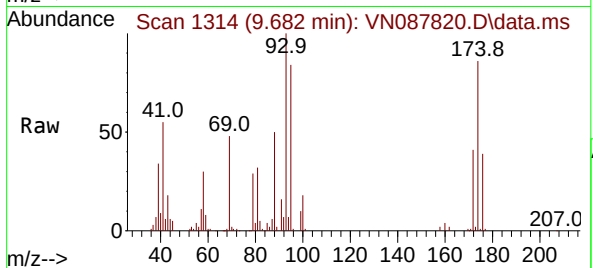
Tgt Ion: 88 Resp: 77024

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.5 57.9 86.9



#50

Toluene-d8

Concen: 51.144 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087820.D

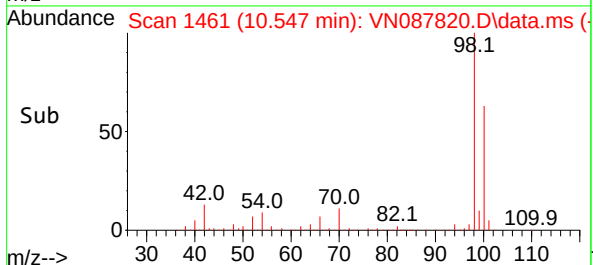
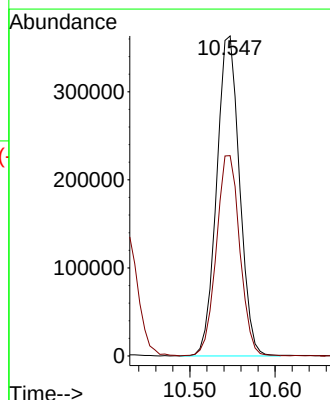
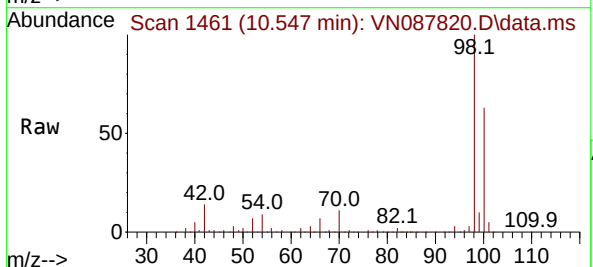
Acq: 15 Sep 2025 08:39

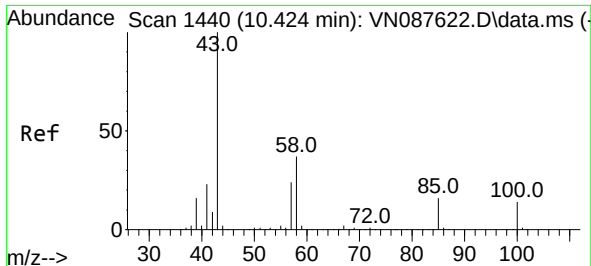
Tgt Ion: 98 Resp: 678041

Ion Ratio Lower Upper

98 100

100 64.0 52.8 79.2

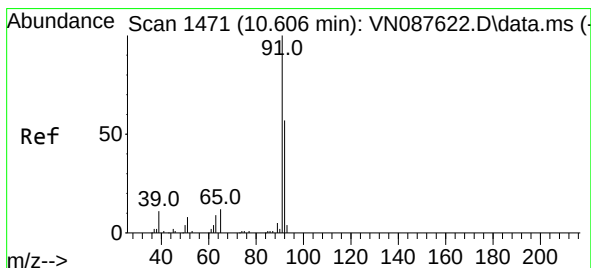
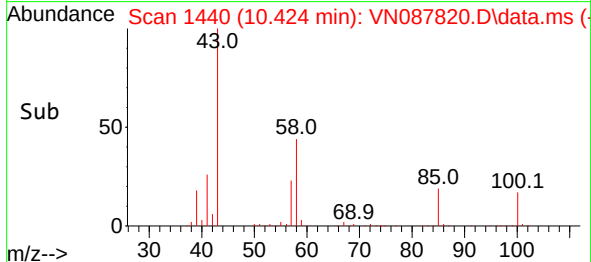
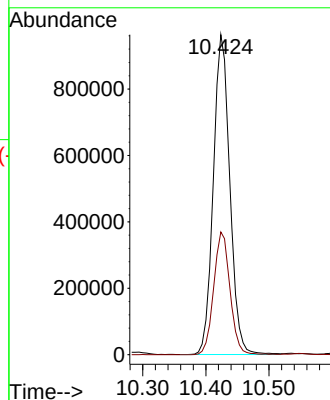
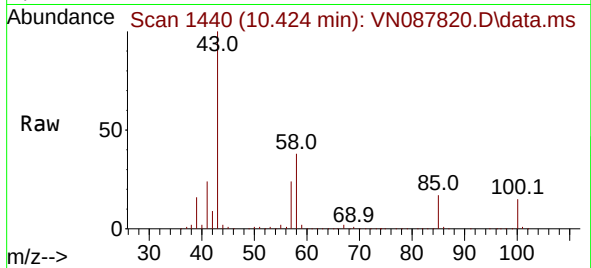




#51
4-Methyl-2-Pentanone
Concen: 250.567 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

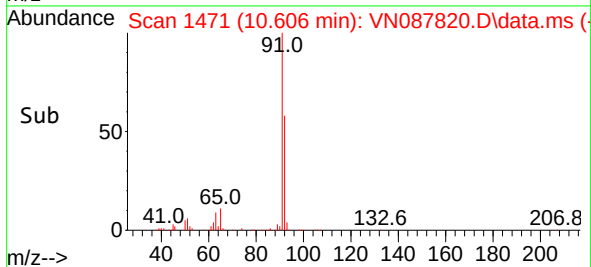
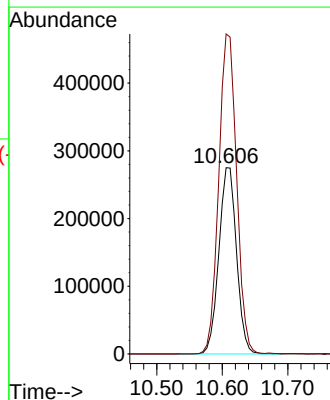
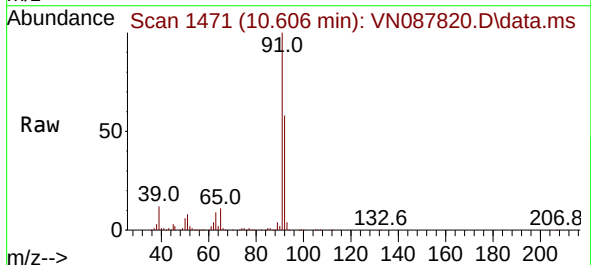
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

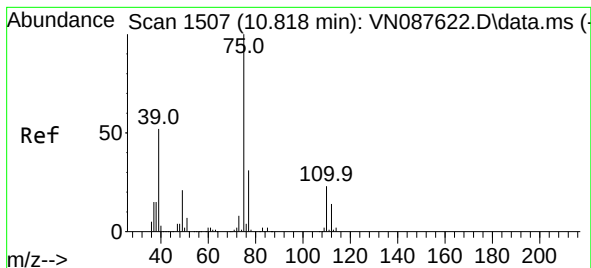
Tgt Ion: 43 Resp: 1752626
Ion Ratio Lower Upper
43 100
58 37.9 29.6 44.4



#52
Toluene
Concen: 49.635 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 92 Resp: 512854
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6

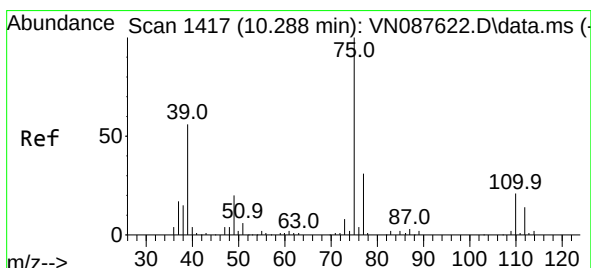
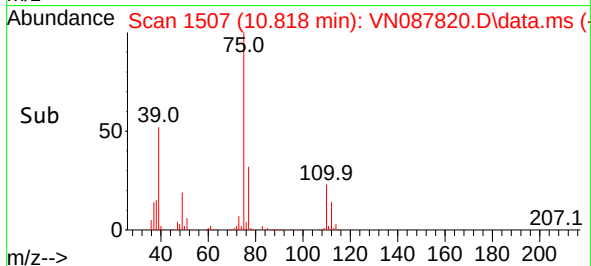
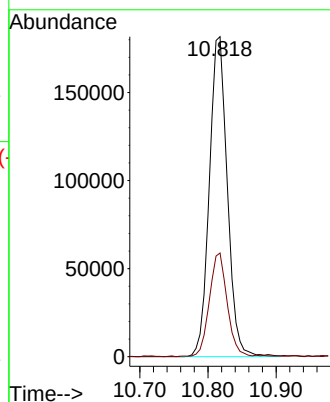
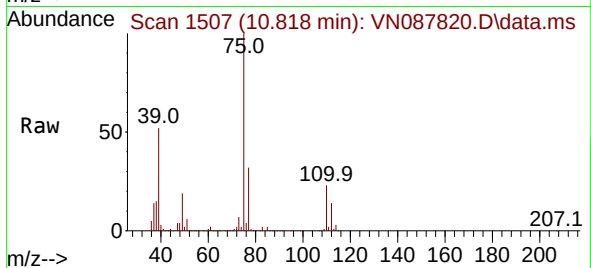




#53
t-1,3-Dichloropropene
Concen: 50.372 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

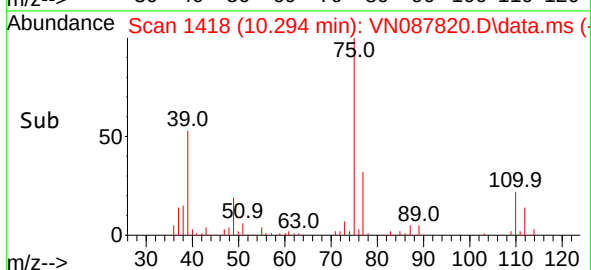
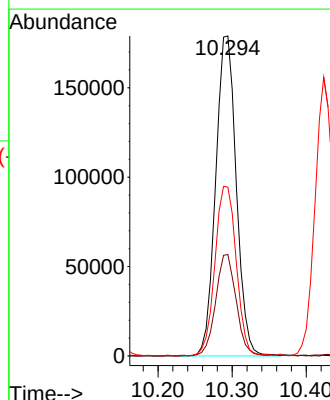
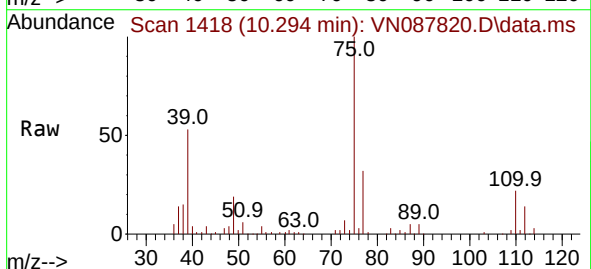
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

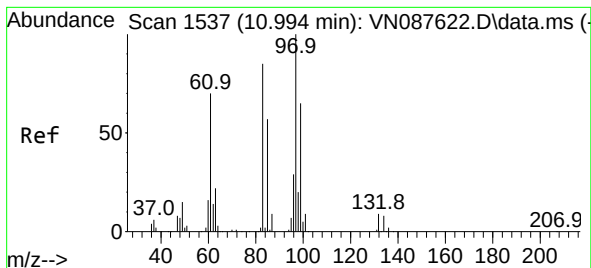
Tgt Ion: 75 Resp: 334076
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.269 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 75 Resp: 346167
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 52.5 45.2 67.8

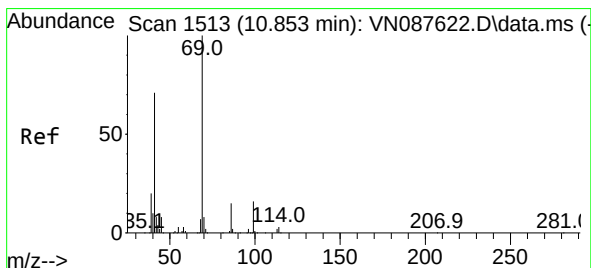
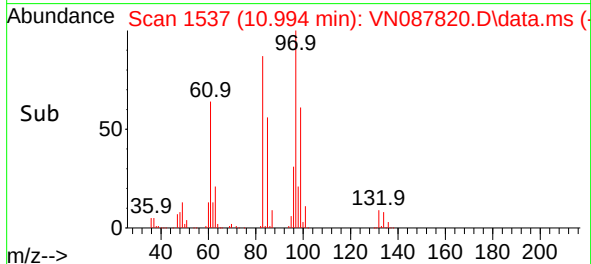
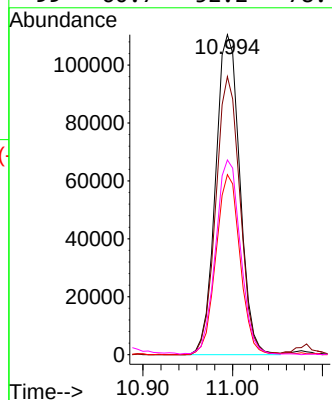
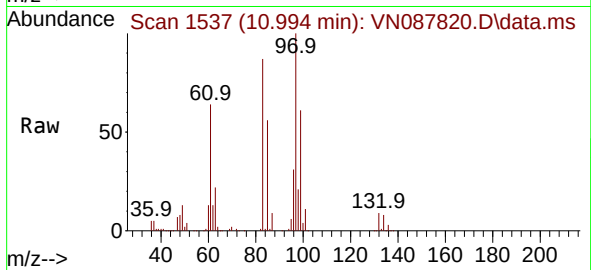




#55
1,1,2-Trichloroethane
Concen: 51.961 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

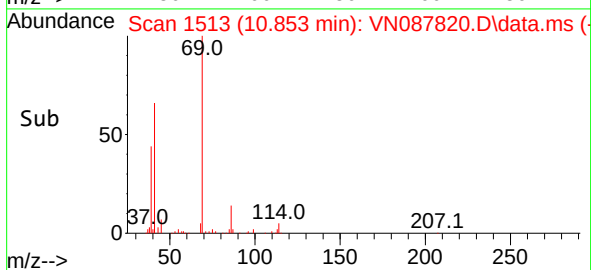
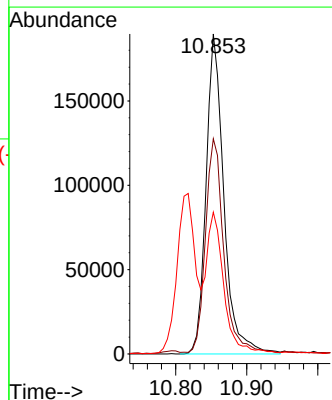
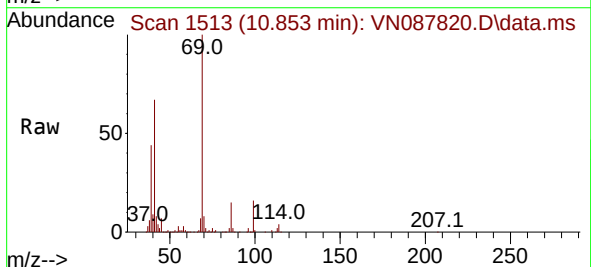
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

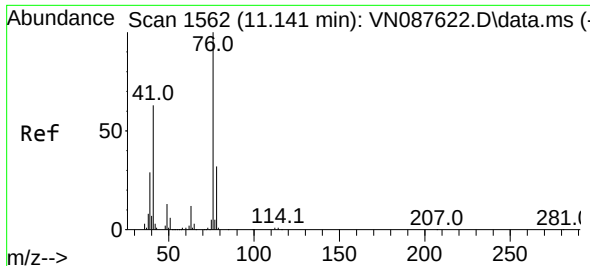
Tgt Ion:	97	Resp:	207693
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.2	102.4
85	56.2	45.5	68.3
99	60.7	52.2	78.4



#56
Ethyl methacrylate
Concen: 51.821 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:	69	Resp:	331028
Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.5	84.7
39	42.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 50.303 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

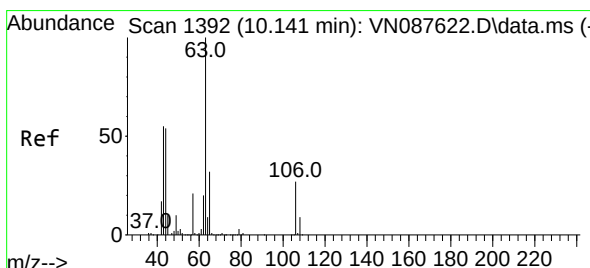
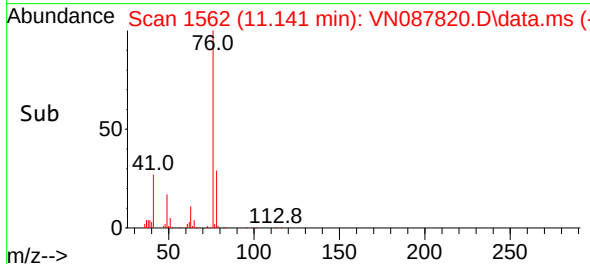
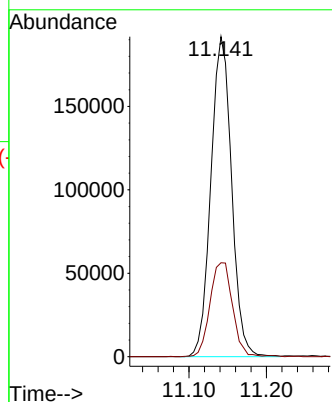
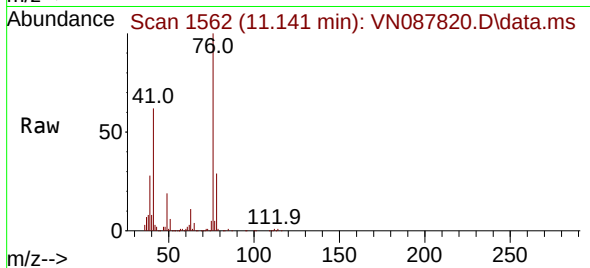
VSTDCCC050

Tgt Ion: 76 Resp: 355846

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 246.546 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087820.D

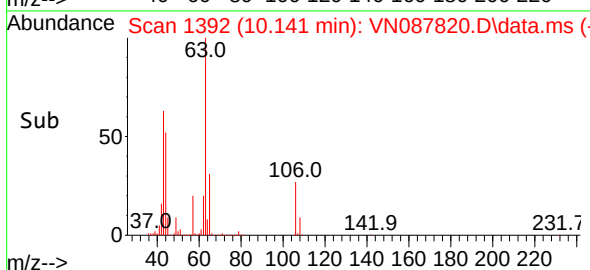
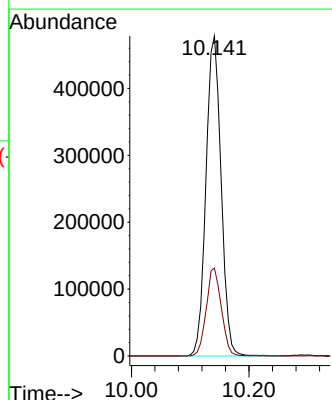
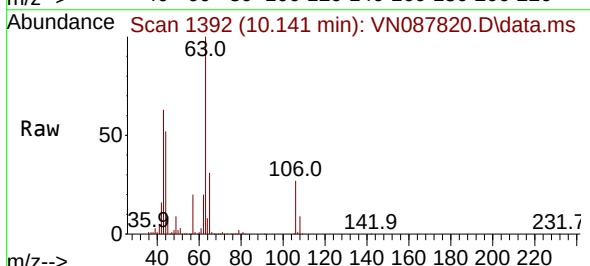
Acq: 15 Sep 2025 08:39

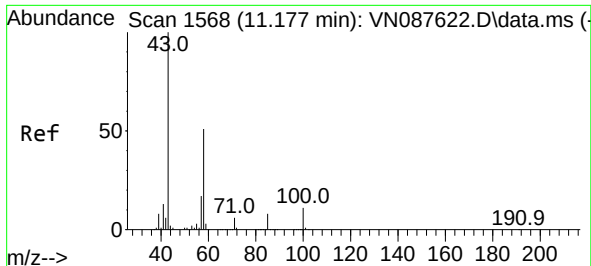
Tgt Ion: 63 Resp: 852425

Ion Ratio Lower Upper

63 100

106 27.3 21.1 31.7

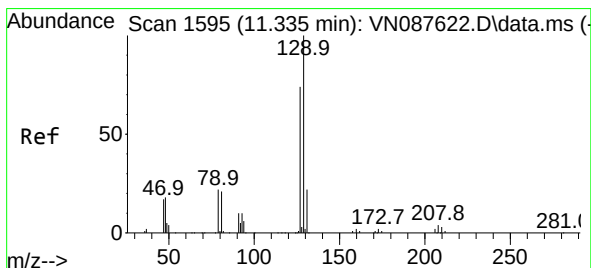
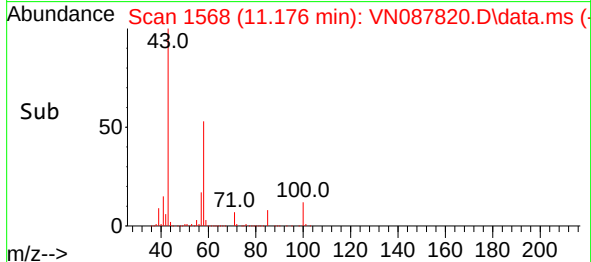
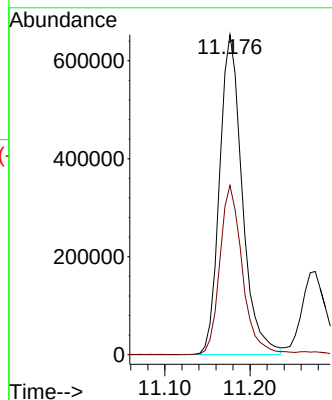
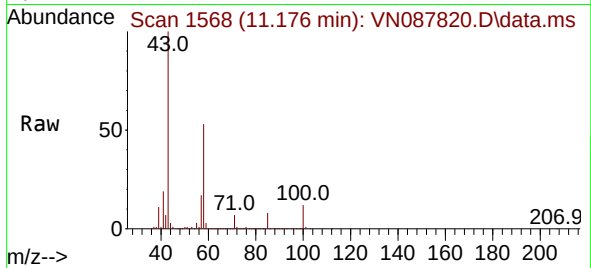




#59
2-Hexanone
Concen: 273.498 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

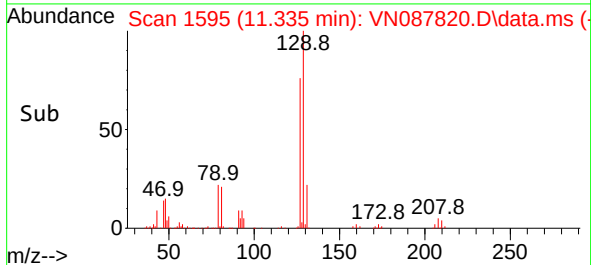
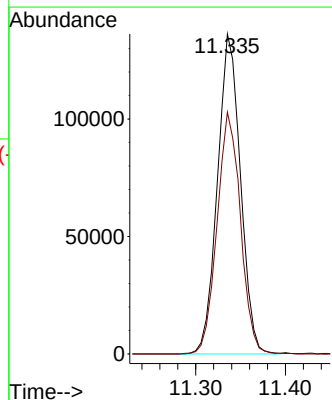
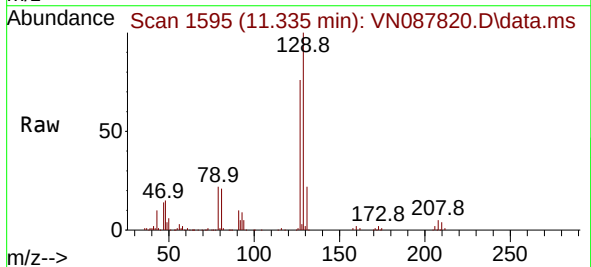
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

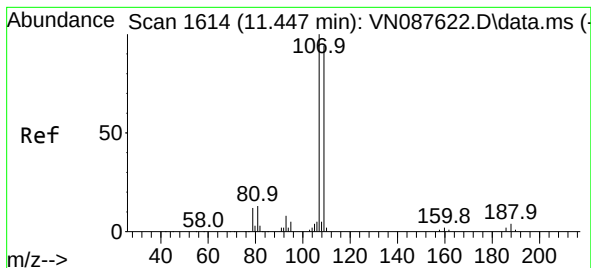
Tgt Ion: 43 Resp: 1209028
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 52.350 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:129 Resp: 242457
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.799 ug/l

RT: 11.447 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

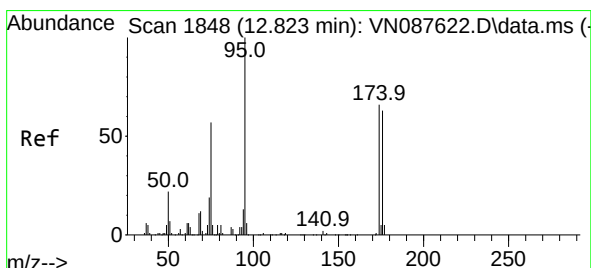
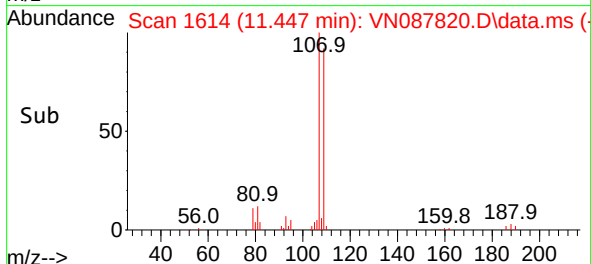
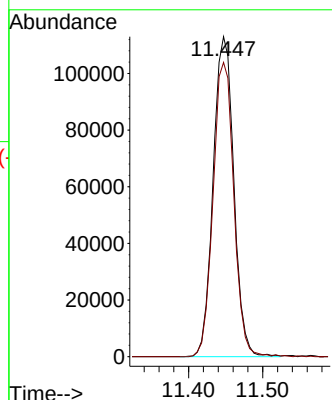
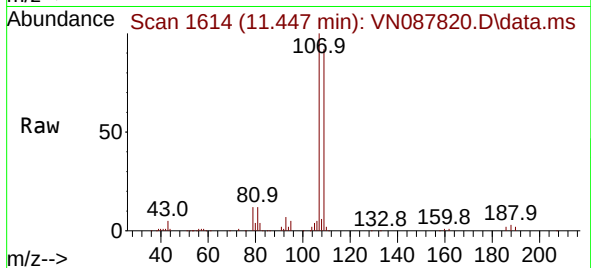
VSTDCCC050

Tgt Ion:107 Resp: 218321

Ion Ratio Lower Upper

107 100

109 92.2 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 52.588 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

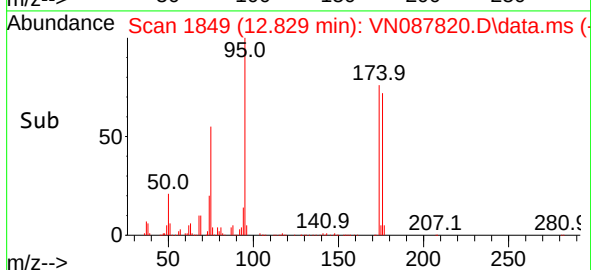
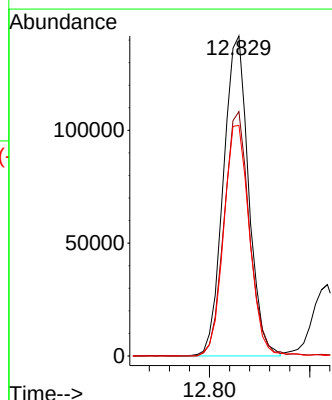
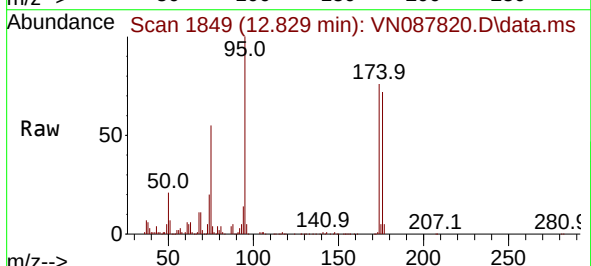
Tgt Ion: 95 Resp: 247940

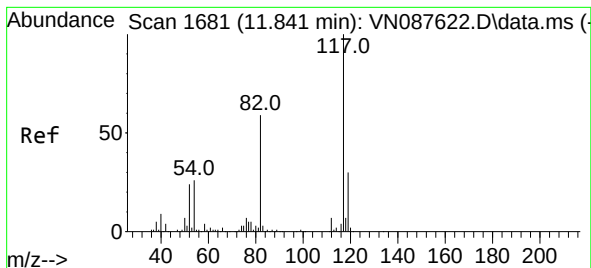
Ion Ratio Lower Upper

95 100

174 76.9 0.0 138.4

176 73.5 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

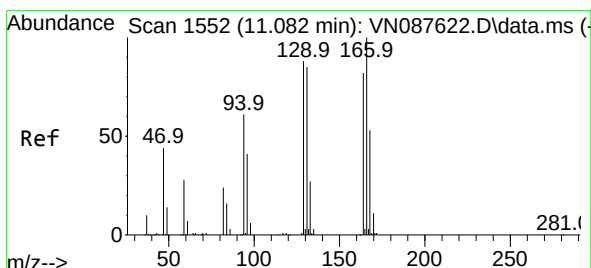
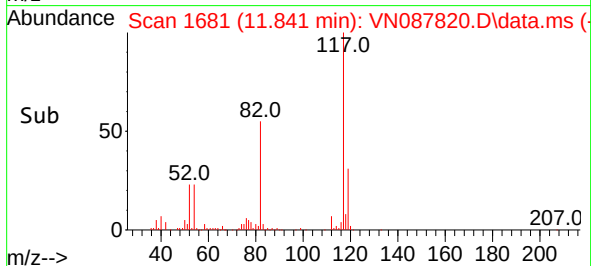
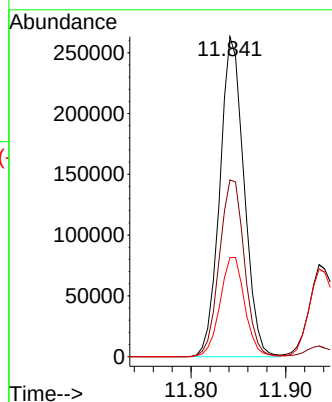
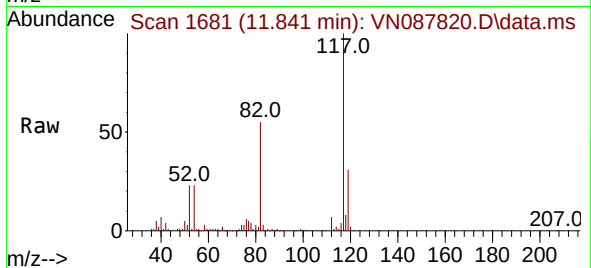
Tgt Ion:117 Resp: 467132

Ion Ratio Lower Upper

117 100

82 55.3 47.4 71.2

119 30.9 24.3 36.5



#64

Tetrachloroethene

Concen: 47.385 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Tgt Ion:164 Resp: 153572

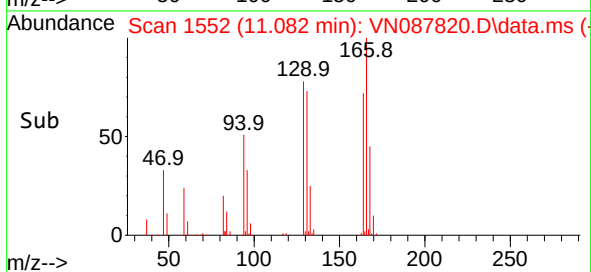
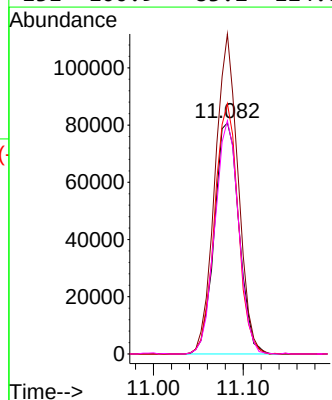
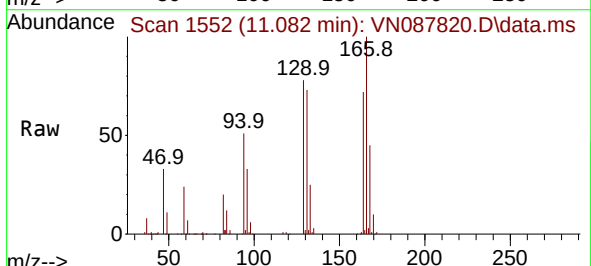
Ion Ratio Lower Upper

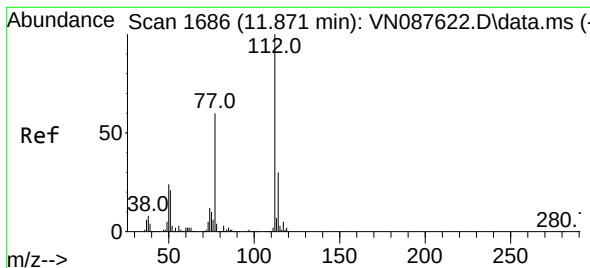
164 100

166 138.5 97.7 146.5

129 108.3 85.9 128.9

131 100.9 83.2 124.8





#65

Chlorobenzene

Concen: 48.631 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

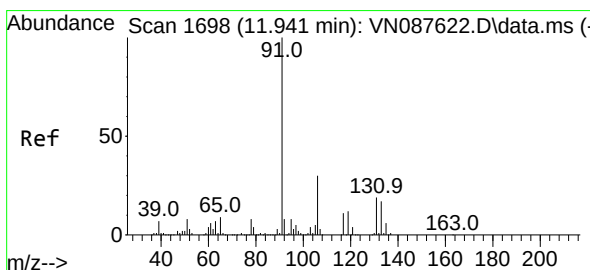
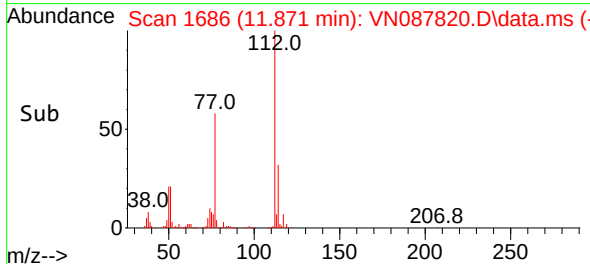
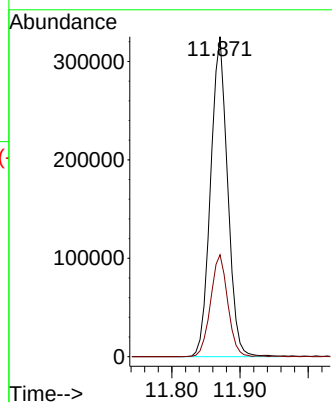
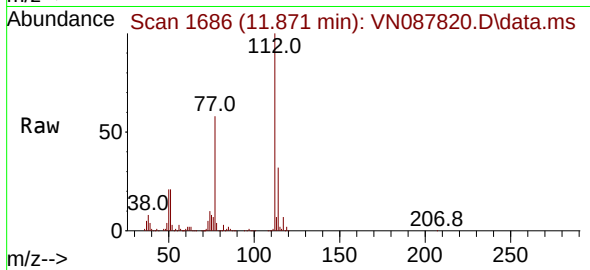
VSTDCCC050

Tgt Ion:112 Resp: 565162

Ion Ratio Lower Upper

112 100

114 31.8 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.137 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

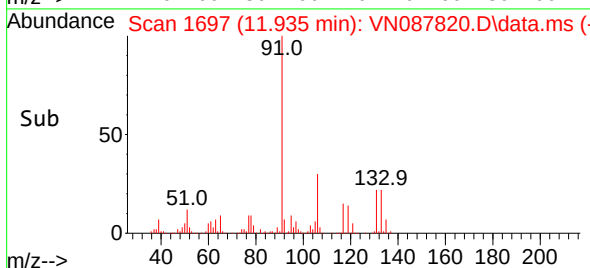
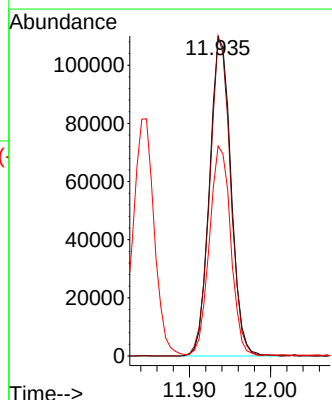
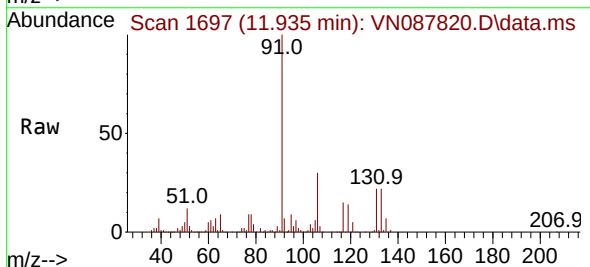
Tgt Ion:131 Resp: 201155

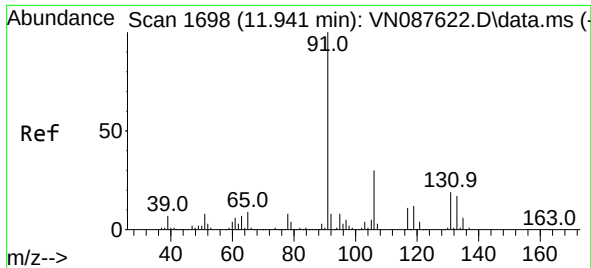
Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.0

119 65.2 32.6 97.7

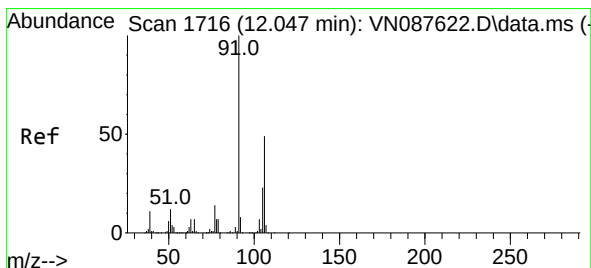
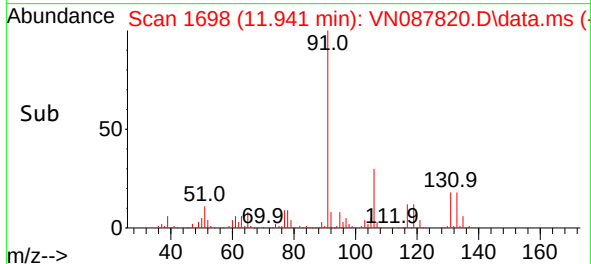
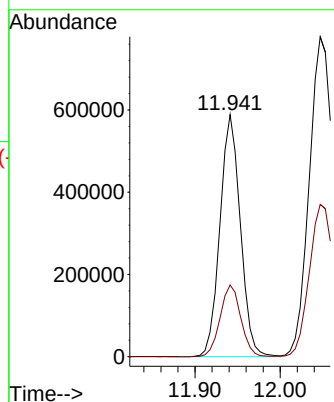
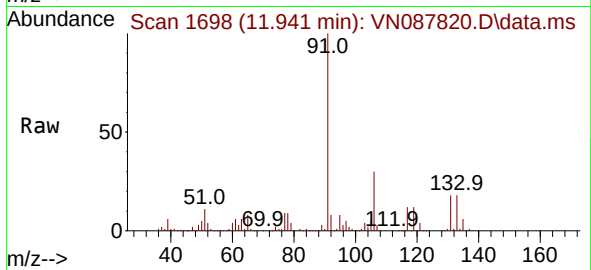




#67
Ethyl Benzene
Concen: 48.658 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

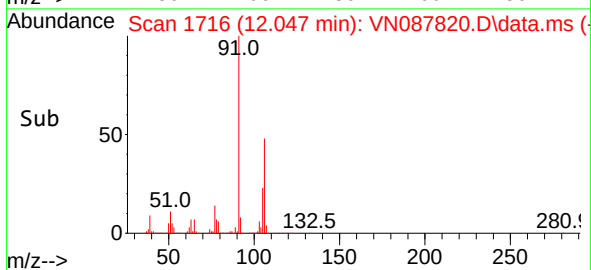
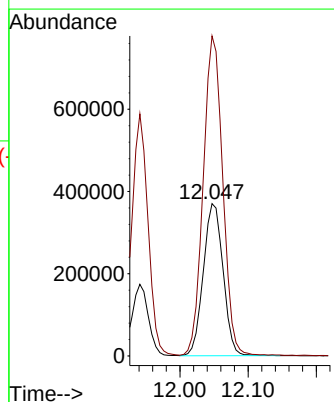
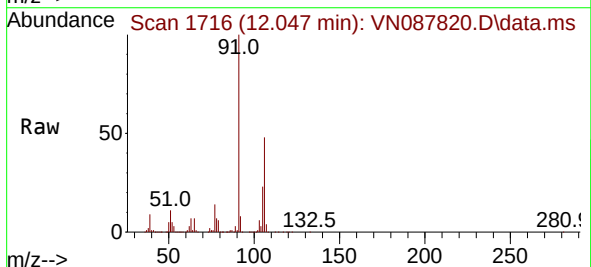
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

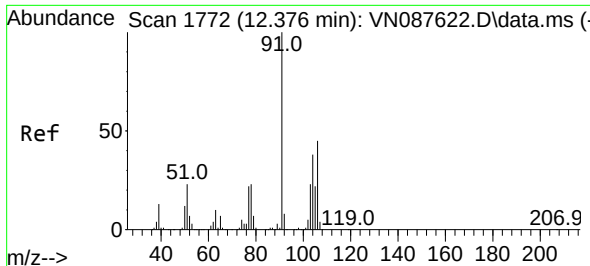
Tgt Ion: 91 Resp: 979088
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1



#68
m/p-Xylenes
Concen: 101.234 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:106 Resp: 747062
Ion Ratio Lower Upper
106 100
91 207.8 169.3 253.9

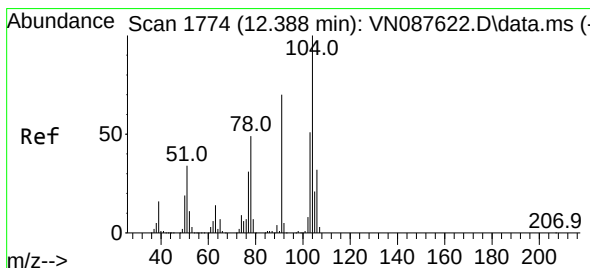
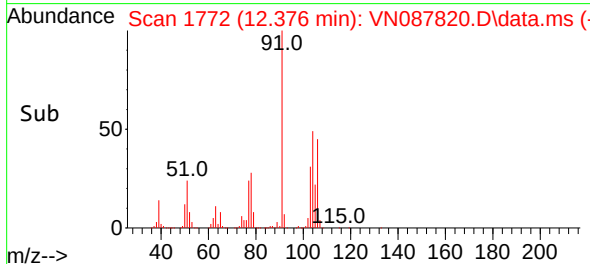
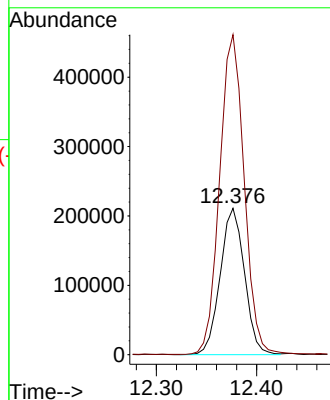
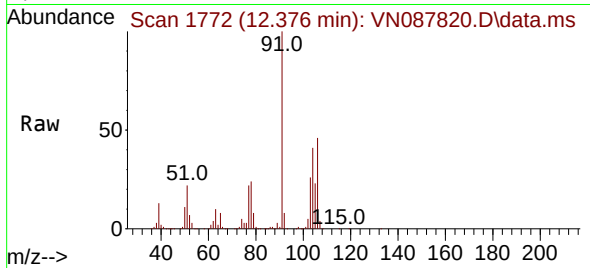




#69
o-Xylene
Concen: 49.074 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

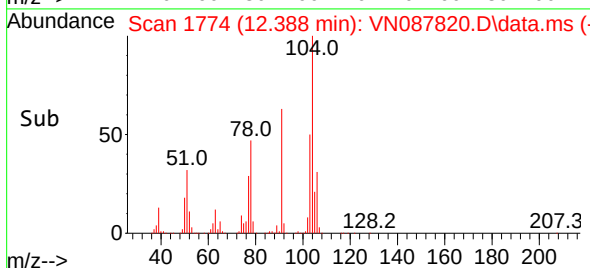
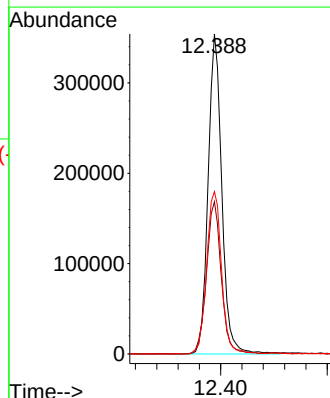
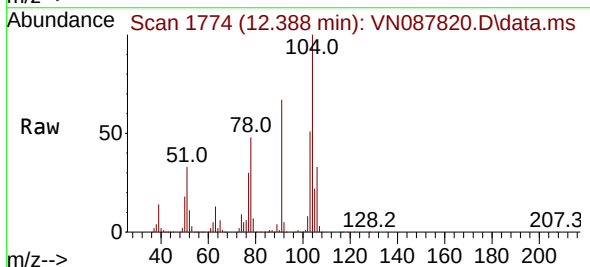
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

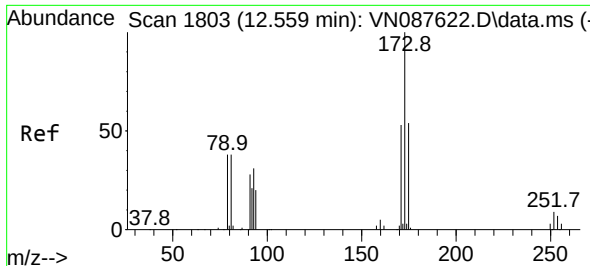
Tgt Ion:106 Resp: 354897
Ion Ratio Lower Upper
106 100
91 220.6 111.4 334.2



#70
Styrene
Concen: 52.137 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:104 Resp: 631680
Ion Ratio Lower Upper
104 100
78 51.3 42.2 63.2
103 55.1 43.4 65.2

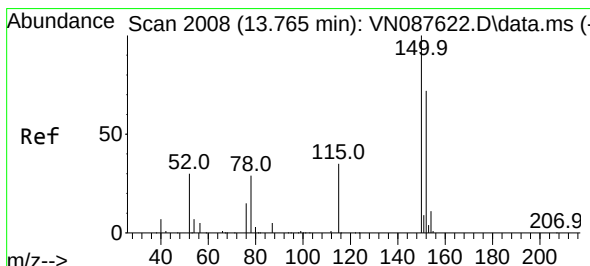
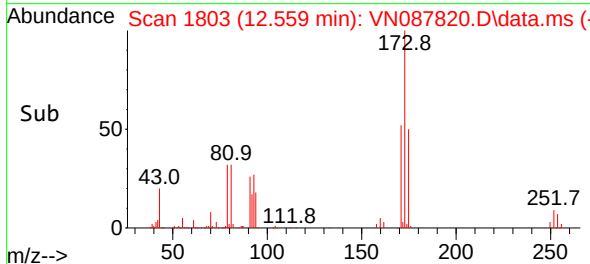
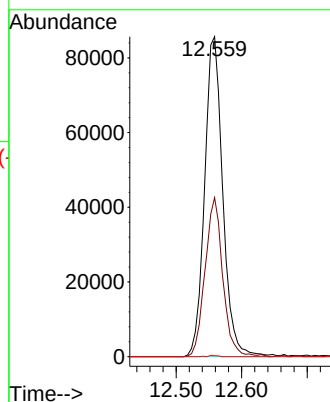
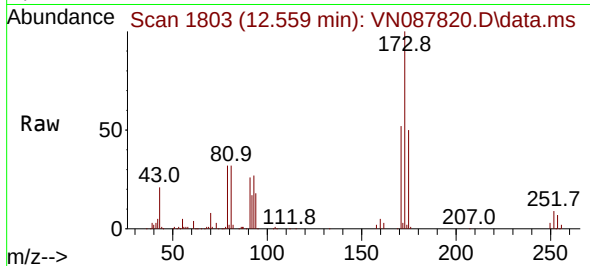




#71
Bromoform
Concen: 55.958 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

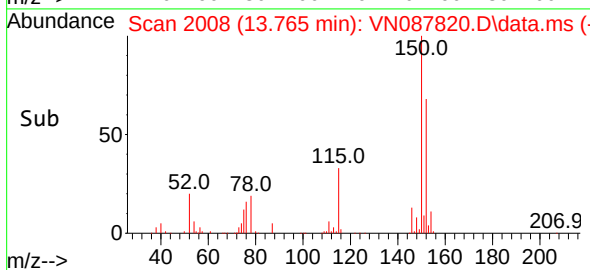
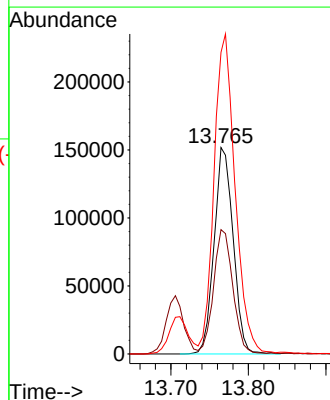
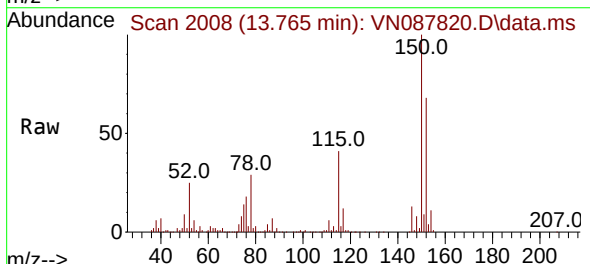
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

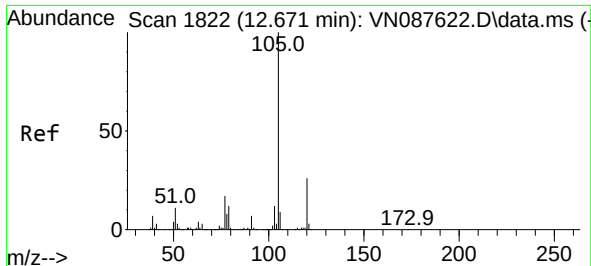
Tgt Ion:173 Resp: 165576
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:152 Resp: 259703
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 169.1 0.0 351.0

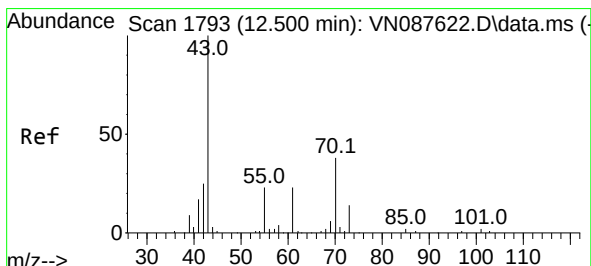
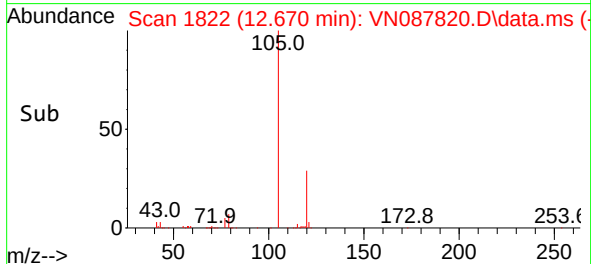
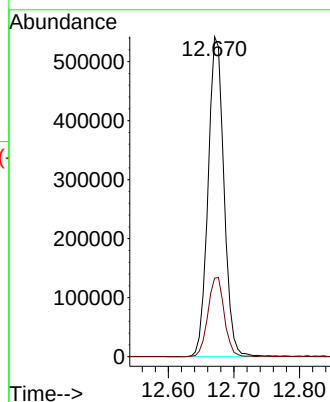
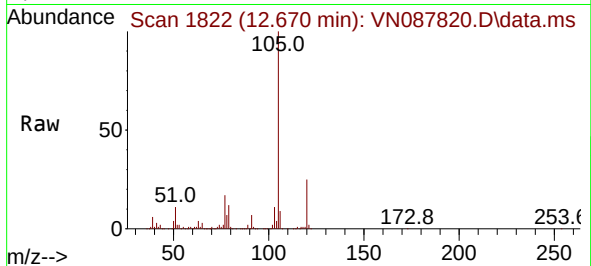




#73
Isopropylbenzene
Concen: 43.593 ug/l
RT: 12.670 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

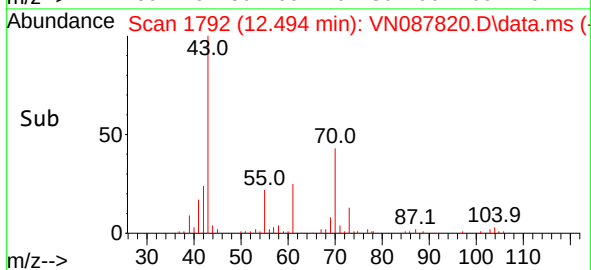
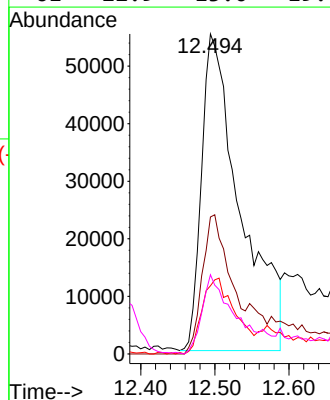
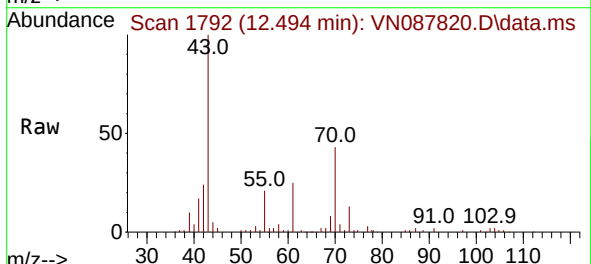
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

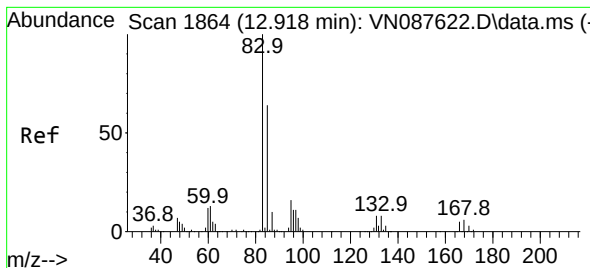
Tgt Ion:105 Resp: 914828
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 25.154 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 43 Resp: 200046
Ion Ratio Lower Upper
43 100
70 32.0 27.6 41.4
55 20.5 13.0 19.6#
61 22.9 13.0 19.6#





#75

1,1,2-Tetrachloroethane

Concen: 45.633 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

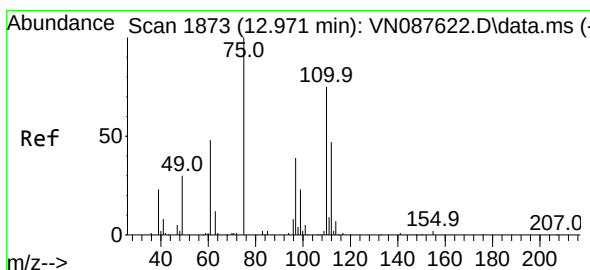
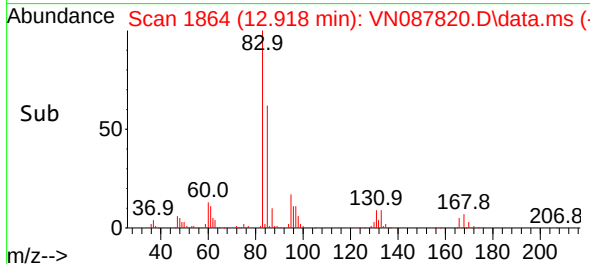
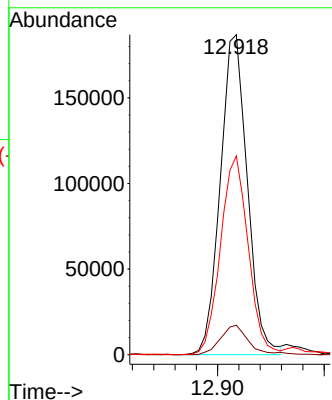
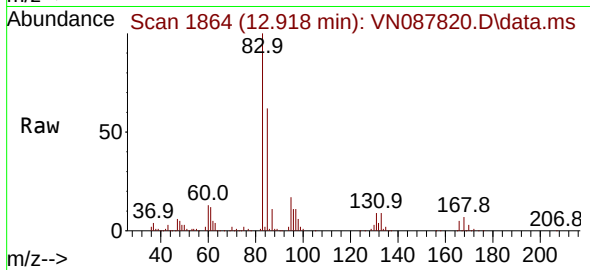
Tgt Ion: 83 Resp: 329699

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 63.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 69.637 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN087820.D

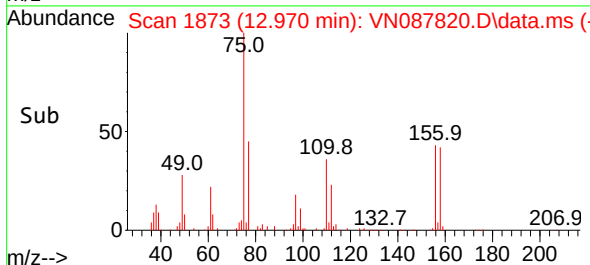
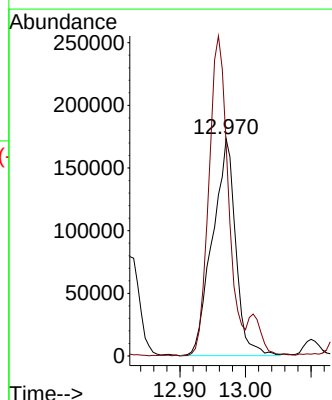
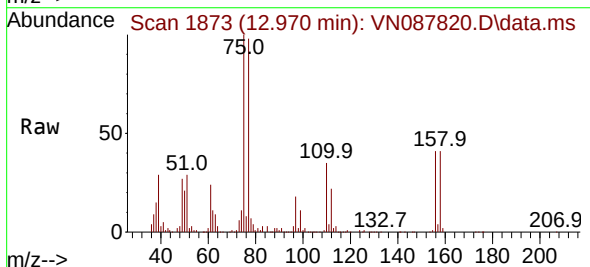
Acq: 15 Sep 2025 08:39

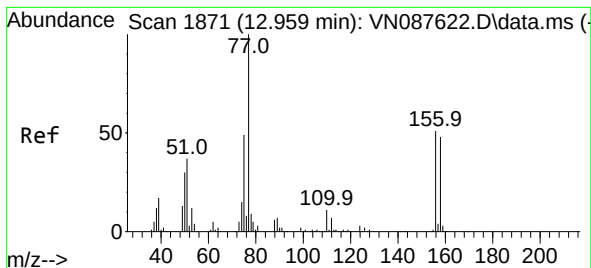
Tgt Ion: 75 Resp: 424100

Ion Ratio Lower Upper

75 100

77 124.1 89.1 267.4





#77

Bromobenzene

Concen: 45.724 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

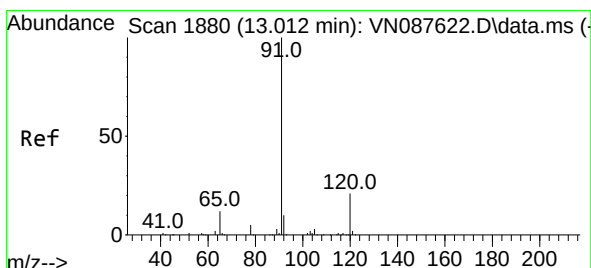
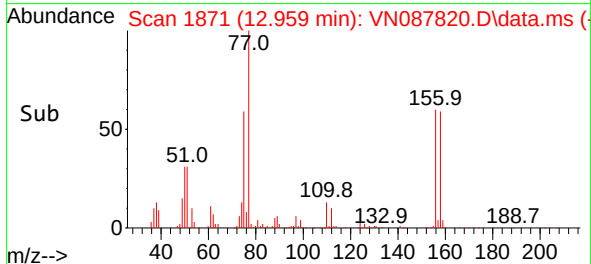
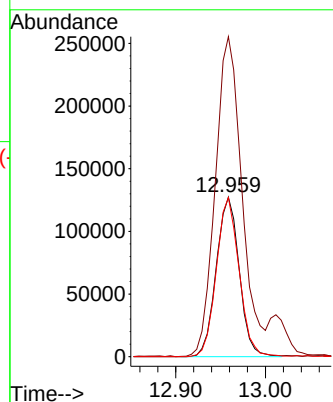
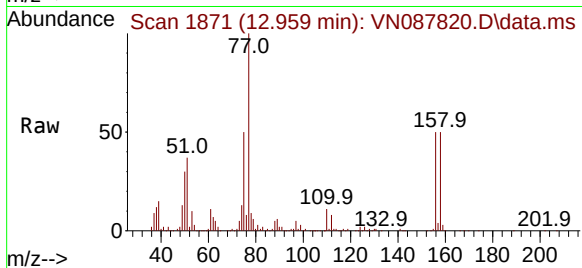
Tgt Ion:156 Resp: 226244

Ion Ratio Lower Upper

156 100

77 232.6 119.3 358.0

158 98.9 48.2 144.6



#78

n-propylbenzene

Concen: 44.409 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087820.D

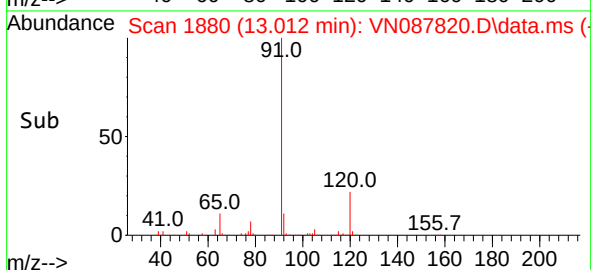
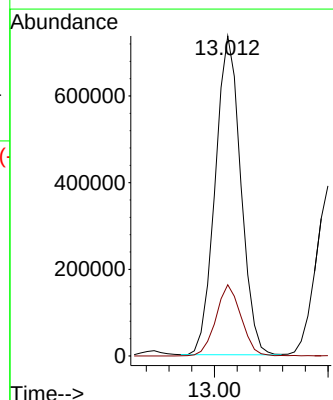
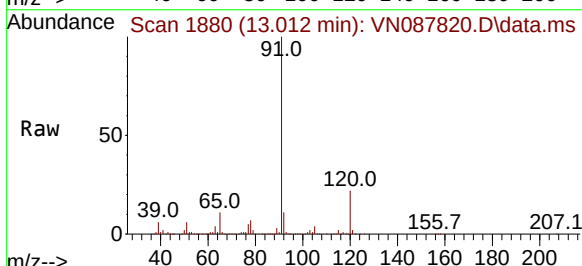
Acq: 15 Sep 2025 08:39

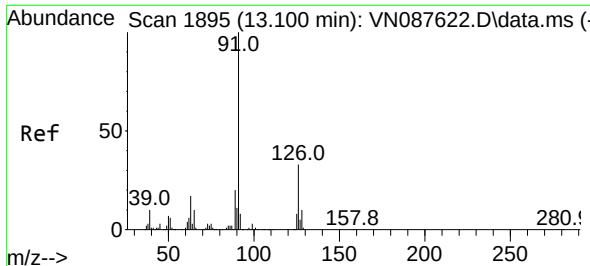
Tgt Ion: 91 Resp: 1147934

Ion Ratio Lower Upper

91 100

120 22.2 10.7 32.1

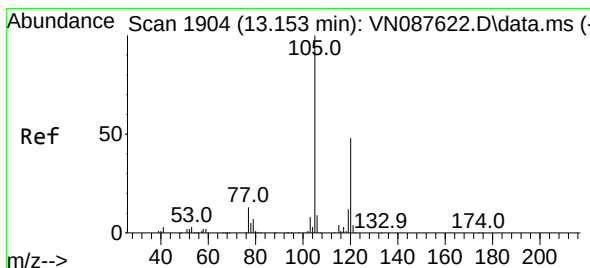
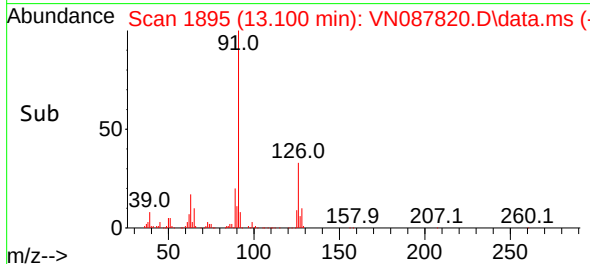
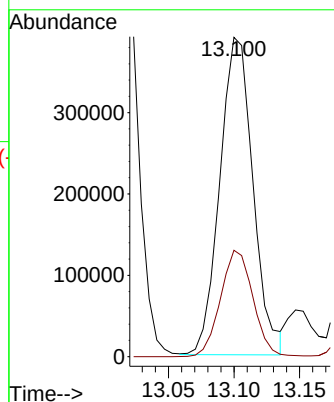
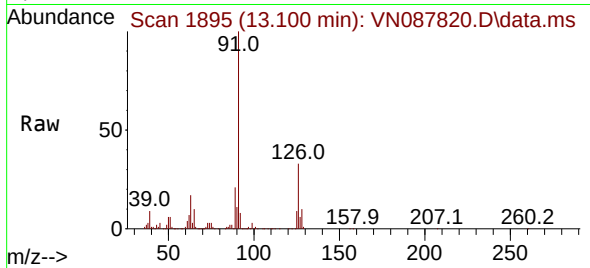




#79
2-Chlorotoluene
Concen: 44.167 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

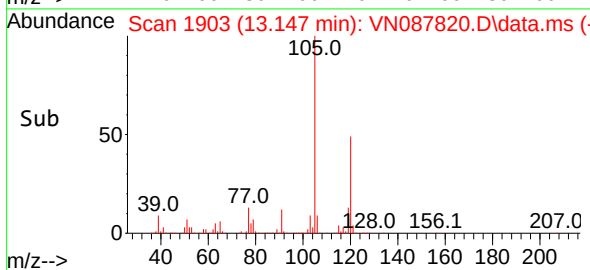
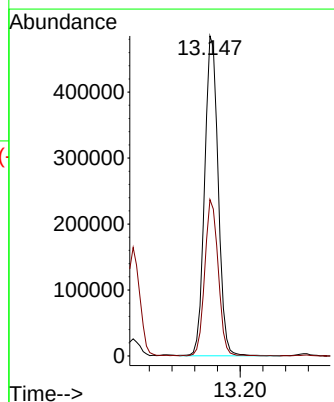
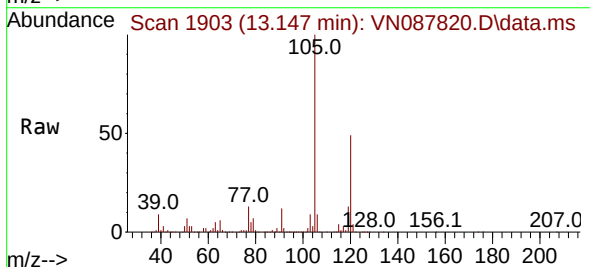
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

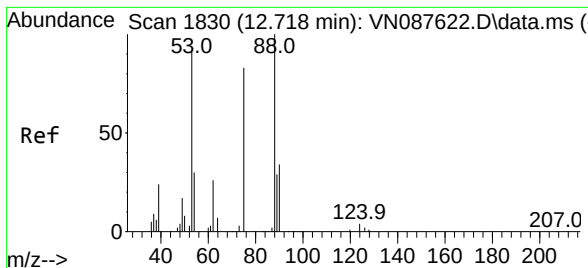
Tgt Ion: 91 Resp: 687042
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 44.934 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:105 Resp: 799940
Ion Ratio Lower Upper
105 100
120 48.6 23.2 69.6

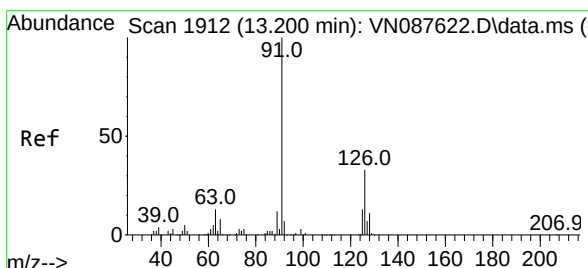
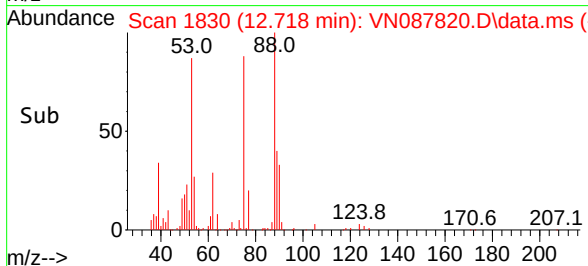
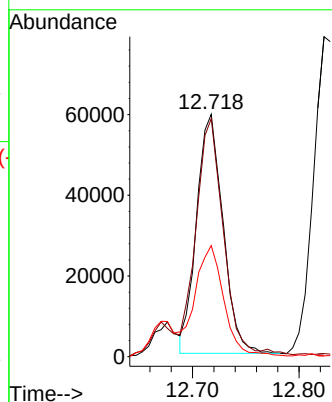
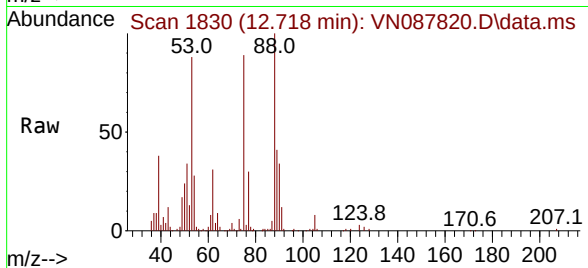




#81
trans-1,4-Dichloro-2-butene
Concen: 44.497 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

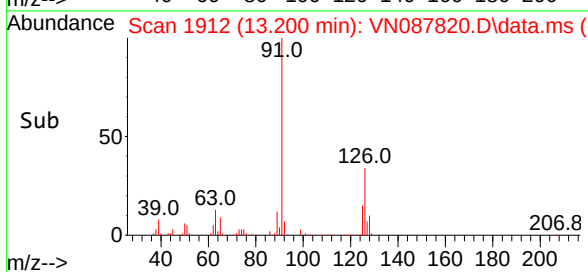
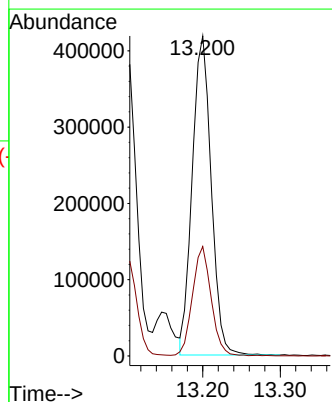
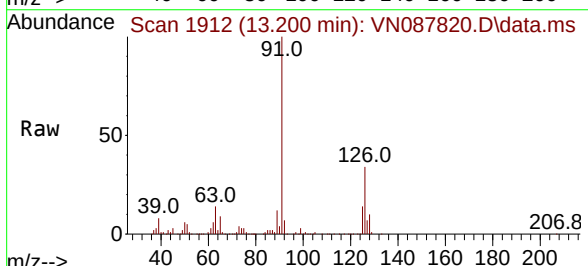
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

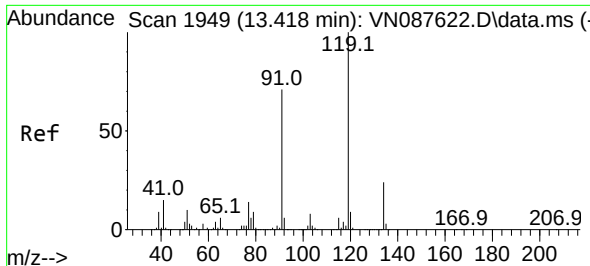
Tgt Ion: 75 Resp: 102362
Ion Ratio Lower Upper
75 100
53 101.7 101.8 152.6#
89 49.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 43.427 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 91 Resp: 710251
Ion Ratio Lower Upper
91 100
126 33.5 15.6 46.8

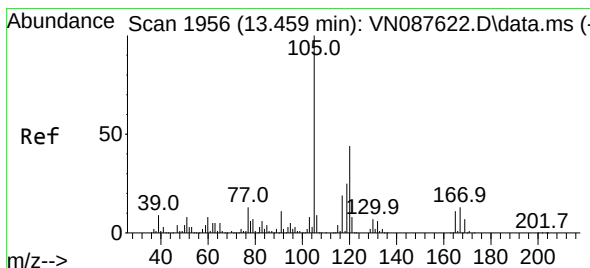
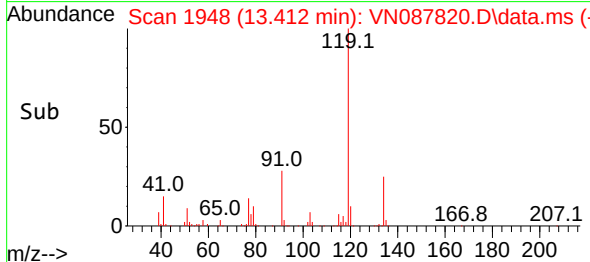
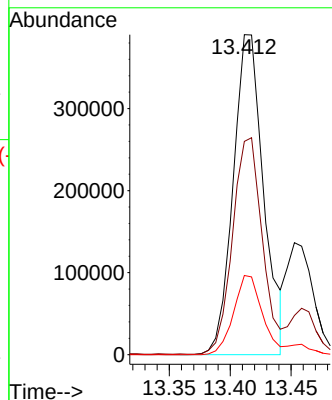
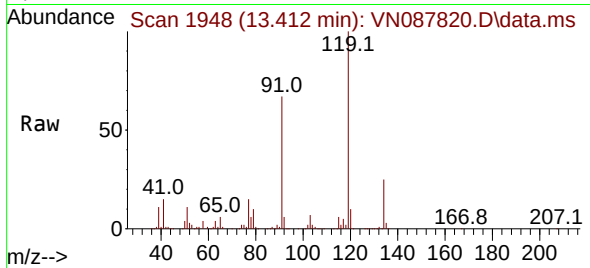




#83
tert-Butylbenzene
Concen: 45.839 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

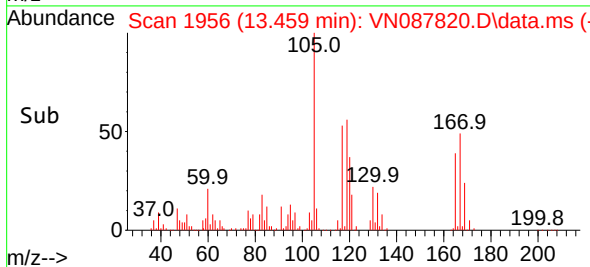
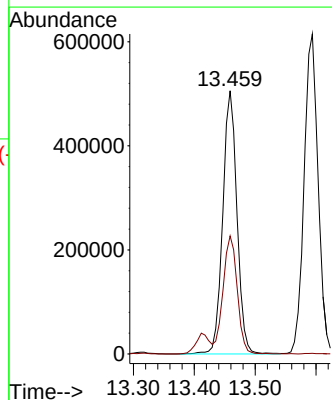
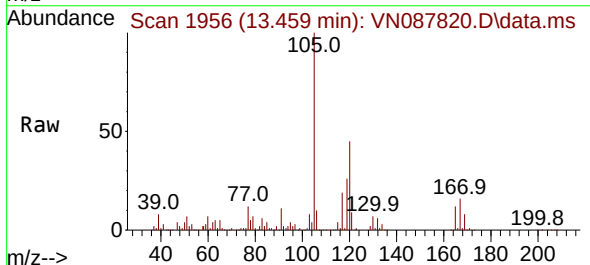
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

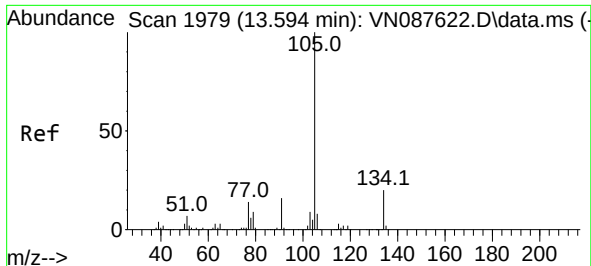
Tgt Ion:119 Resp: 680028
Ion Ratio Lower Upper
119 100
91 66.1 35.0 105.0
134 23.8 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 46.017 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion:105 Resp: 820092
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0

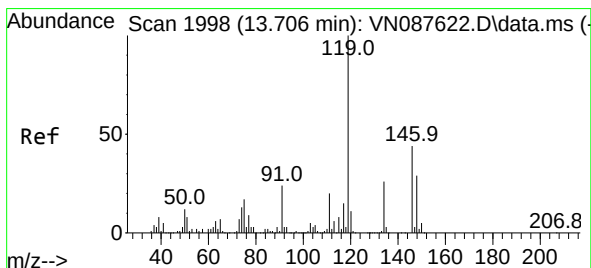
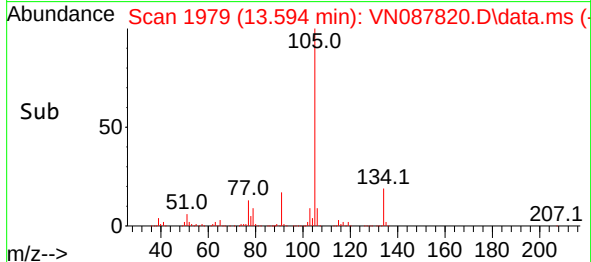
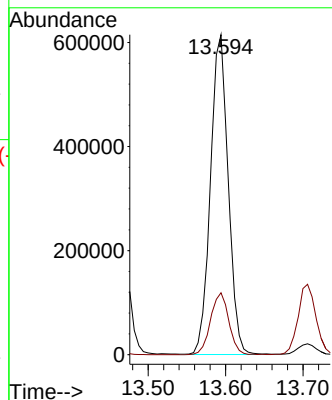
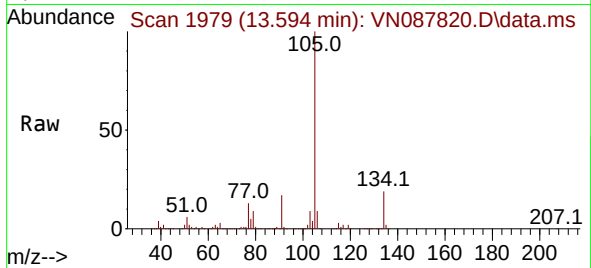




#85
 sec-Butylbenzene
 Concen: 44.440 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

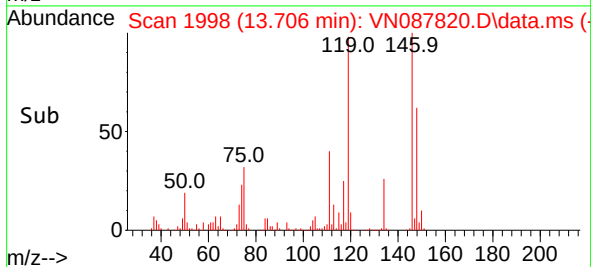
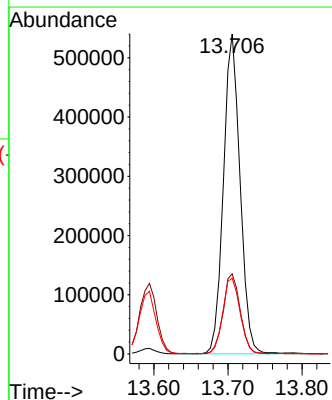
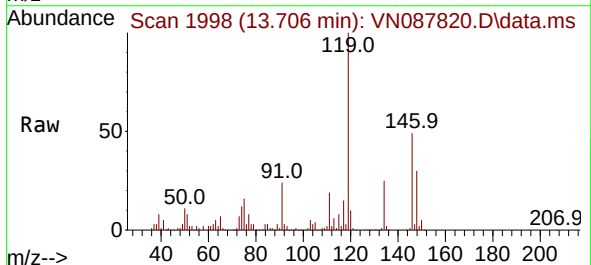
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

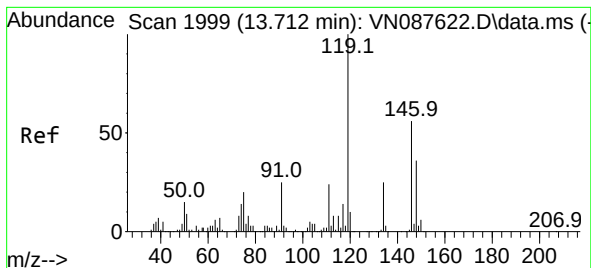
Tgt Ion:105 Resp: 978347
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 46.177 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

Tgt Ion:119 Resp: 839446
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 46.426 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

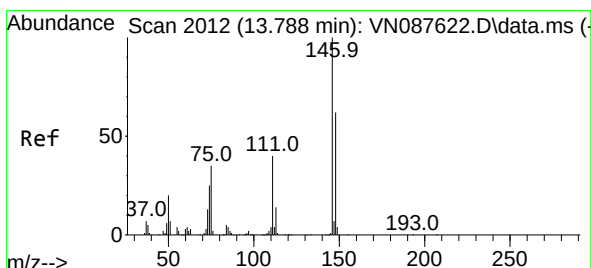
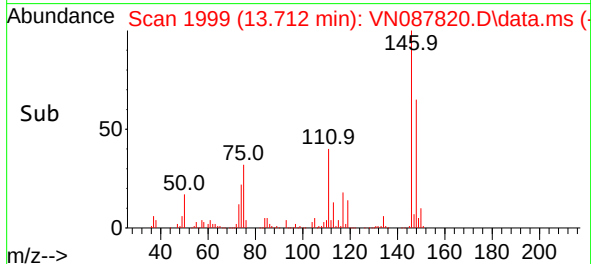
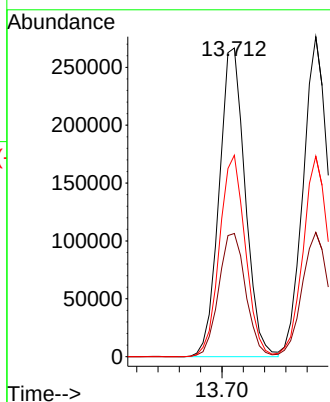
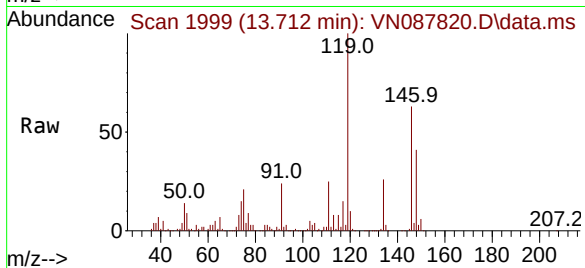
Tgt Ion:146 Resp: 452382

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.5

148 64.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 45.552 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

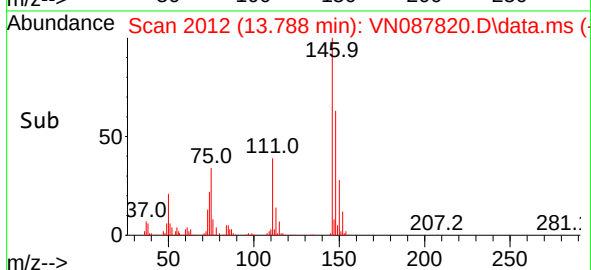
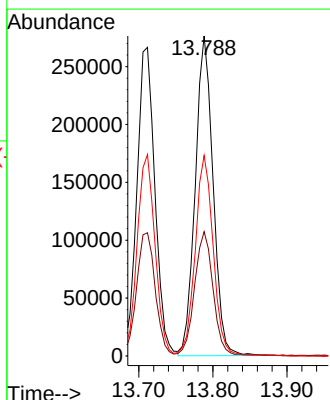
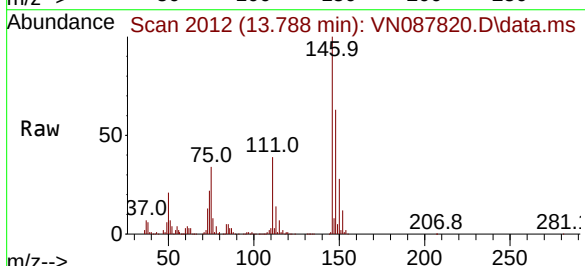
Tgt Ion:146 Resp: 461916

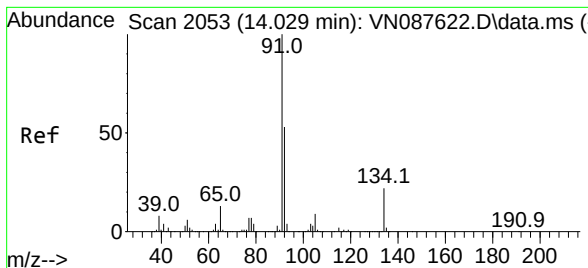
Ion Ratio Lower Upper

146 100

111 40.7 21.0 63.0

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 45.190 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

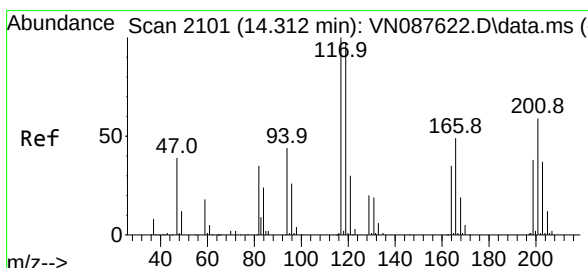
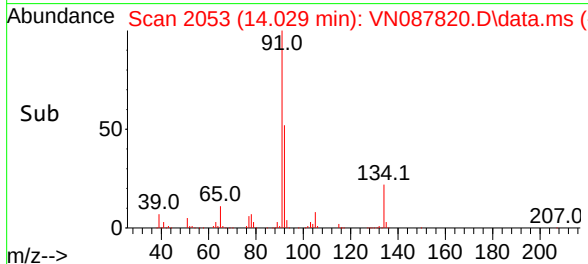
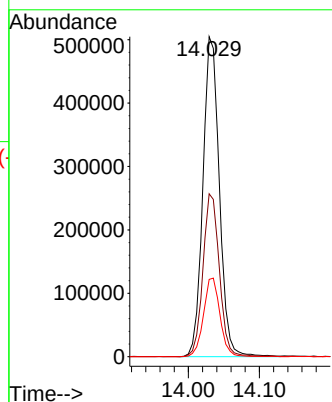
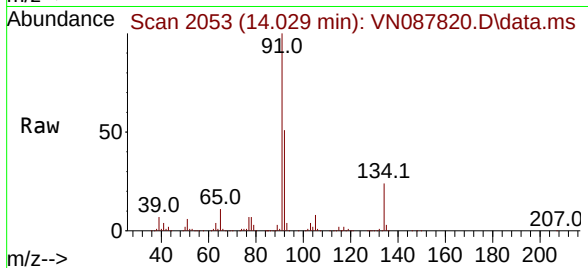
Tgt Ion: 91 Resp: 815888

Ion Ratio Lower Upper

91 100

92 50.7 25.9 77.8

134 24.7 11.7 35.0



#90

Hexachloroethane

Concen: 44.991 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087820.D

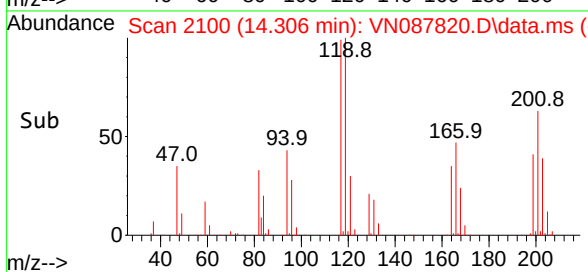
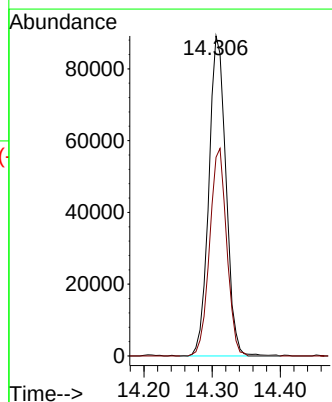
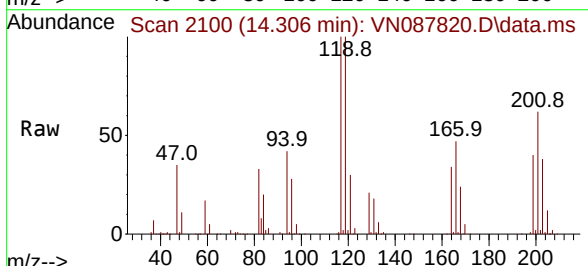
Acq: 15 Sep 2025 08:39

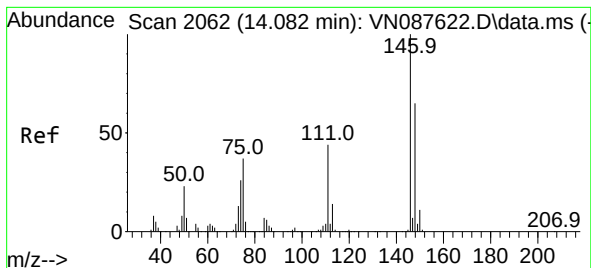
Tgt Ion: 117 Resp: 155823

Ion Ratio Lower Upper

117 100

201 64.5 29.1 87.4

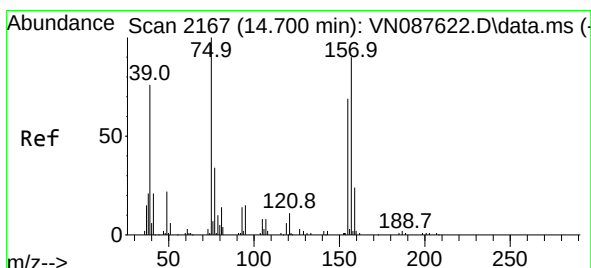
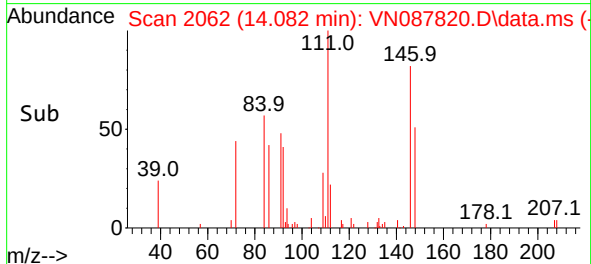
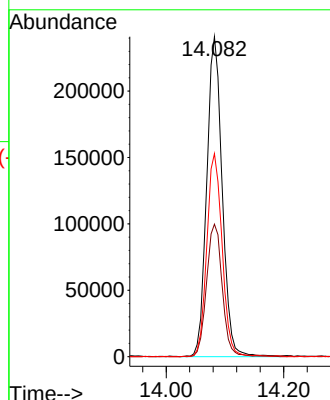
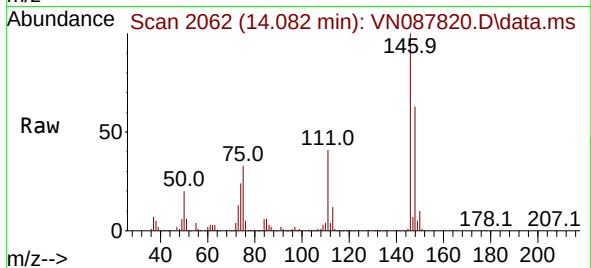




#91
1,2-Dichlorobenzene
Concen: 47.596 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

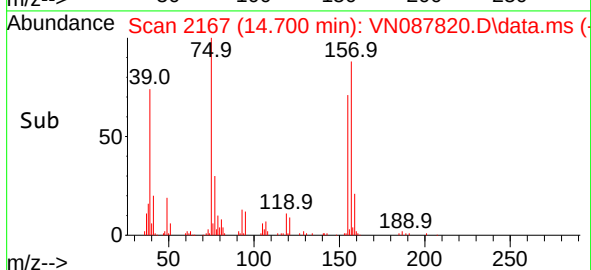
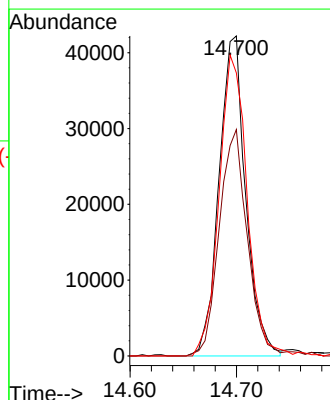
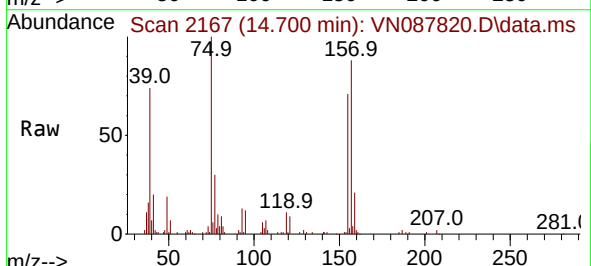
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

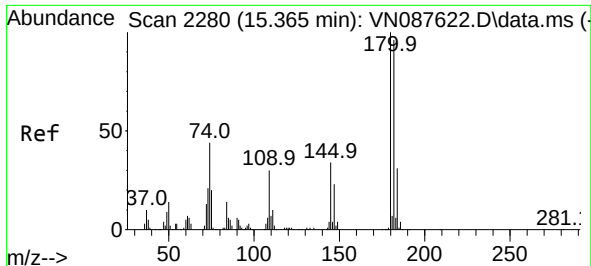
Tgt Ion:146 Resp: 439994
Ion Ratio Lower Upper
146 100
111 42.1 22.6 67.8
148 62.9 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.759 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087820.D
Acq: 15 Sep 2025 08:39

Tgt Ion: 75 Resp: 73390
Ion Ratio Lower Upper
75 100
155 75.4 36.6 109.9
157 99.3 45.6 136.9

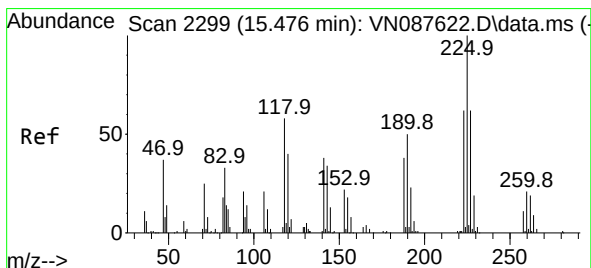
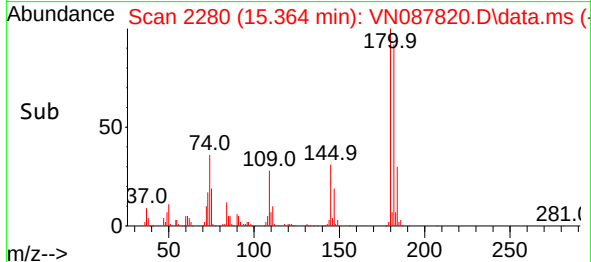
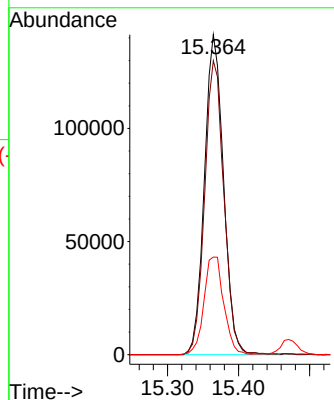
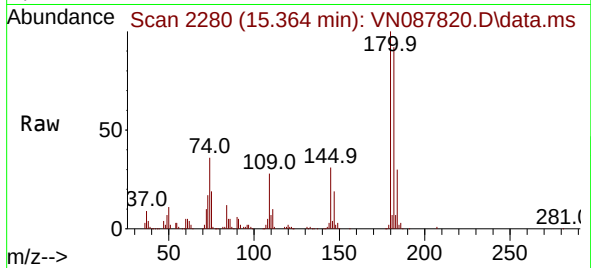




#93
 1,2,4-Trichlorobenzene
 Concen: 47.629 ug/l
 RT: 15.364 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

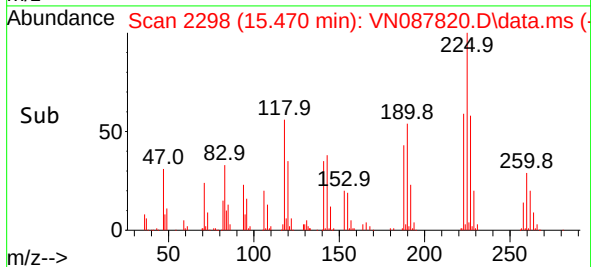
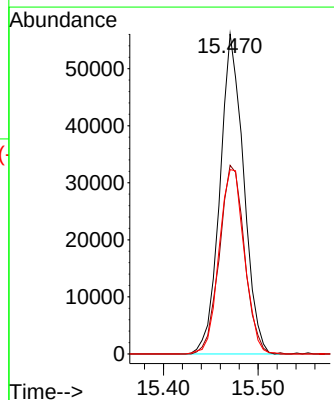
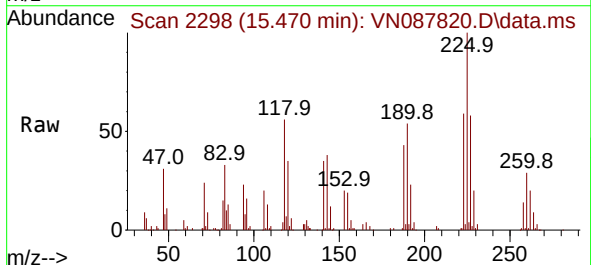
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

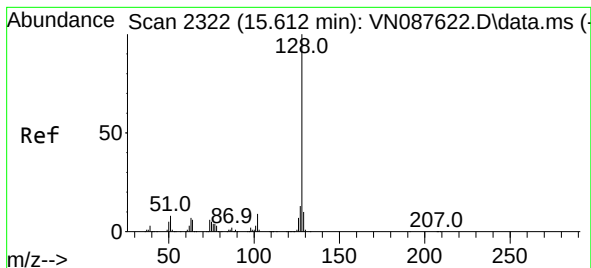
Tgt Ion:180 Resp: 264396
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.6 142.9
 145 31.8 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 49.182 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VN087820.D
 Acq: 15 Sep 2025 08:39

Tgt Ion:225 Resp: 97333
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.0 96.2
 227 61.5 32.1 96.5





#95

Naphthalene

Concen: 45.996 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

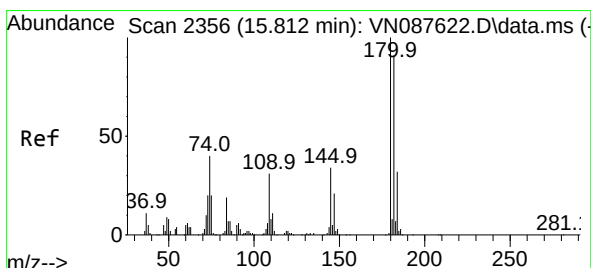
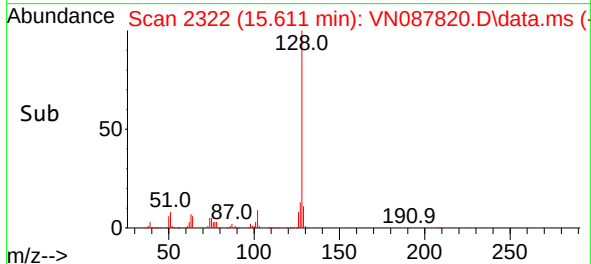
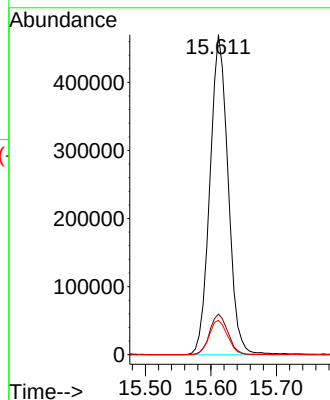
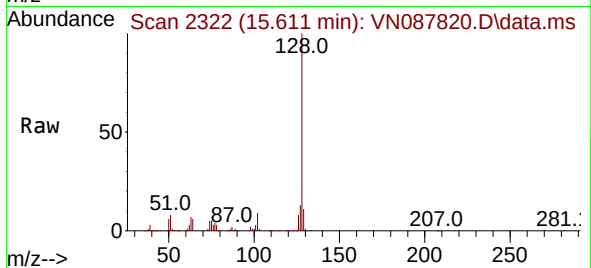
Tgt Ion:128 Resp: 904396

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.130 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087820.D

Acq: 15 Sep 2025 08:39

Tgt Ion:180 Resp: 255766

Ion Ratio Lower Upper

180 100

182 93.1 46.8 140.3

145 33.3 17.3 52.0

