

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088303.D
 Acq On : 17 Nov 2025 15:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 03:01:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	444101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	401572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	200016	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	198260	49.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.080%
35) Dibromofluoromethane	8.147	113	142269	47.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	10.547	98	492054	42.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.600%#
62) 4-Bromofluorobenzene	12.829	95	177166	43.638	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	107716	41.263	ug/l	100
3) Chloromethane	2.383	50	145266	47.300	ug/l	97
4) Vinyl Chloride	2.536	62	153637	45.913	ug/l	100
5) Bromomethane	2.965	94	87359	43.647	ug/l	96
6) Chloroethane	3.136	64	105692	43.839	ug/l	98
7) Trichlorofluoromethane	3.506	101	226946	42.522	ug/l	97
8) Diethyl Ether	3.965	74	96810	48.805	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	124981	45.381	ug/l	97
10) Methyl Iodide	4.577	142	130310	51.774	ug/l	99
11) Tert butyl alcohol	5.530	59	178061	258.272	ug/l	98
12) 1,1-Dichloroethene	4.336	96	121783	41.867	ug/l	89
13) Acrolein	4.177	56	280928	362.258	ug/l	99
14) Allyl chloride	5.012	41	249993	49.033	ug/l	96
15) Acrylonitrile	5.706	53	544317	289.841	ug/l	99
16) Acetone	4.424	43	597232	297.060	ug/l	96
17) Carbon Disulfide	4.700	76	364771	41.253	ug/l	98
18) Methyl Acetate	5.018	43	257262	62.504	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	574381	53.769	ug/l	98
20) Methylene Chloride	5.259	84	167887	49.746	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	153532	48.087	ug/l	95
22) Diisopropyl ether	6.659	45	601371	56.086	ug/l	99
23) Vinyl Acetate	6.589	43	2721405	281.765	ug/l	98
24) 1,1-Dichloroethane	6.553	63	316048	53.212	ug/l	98
25) 2-Butanone	7.471	43	792825	299.235	ug/l	98
26) 2,2-Dichloropropane	7.471	77	270178	50.056	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	186832	50.830	ug/l	95
28) Bromochloromethane	7.794	49	158590	56.510	ug/l	99
29) Tetrahydrofuran	7.824	42	497797	288.295	ug/l	97
30) Chloroform	7.947	83	329414	55.517	ug/l	97
31) Cyclohexane	8.236	56	235701	42.076	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	264140	49.981	ug/l	99
36) 1,1-Dichloropropene	8.353	75	208768	47.924	ug/l	99
37) Ethyl Acetate	7.547	43	309017	54.969	ug/l	98
38) Carbon Tetrachloride	8.341	117	226092	50.251	ug/l	92
39) Methylcyclohexane	9.583	83	216634	38.689	ug/l	97
40) Benzene	8.588	78	678909	51.174	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	158066	53.423	ug/l	99
42) 1,2-Dichloroethane	8.653	62	263682	55.938	ug/l	99
43) Isopropyl Acetate	8.671	43	486000	56.261	ug/l	100
44) Trichloroethene	9.330	130	148478	47.882	ug/l	100
45) 1,2-Dichloropropane	9.600	63	179727	53.661	ug/l	97
46) Dibromomethane	9.688	93	129748	54.316	ug/l	96
47) Bromodichloromethane	9.865	83	265811	55.579	ug/l	100
48) Methyl methacrylate	9.665	41	224314	56.245	ug/l	97
49) 1,4-Dioxane	9.683	88	56973	1148.596	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1525718	298.556	ug/l	100
52) Toluene	10.606	92	404739	49.482	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	278423	54.698	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	292717	54.193	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	165945	53.475	ug/l	95
56) Ethyl methacrylate	10.853	69	272920	55.575	ug/l	99
57) 1,3-Dichloropropane	11.141	76	301370	55.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	813279	318.380	ug/l	100
59) 2-Hexanone	11.177	43	1047666	309.040	ug/l	99
60) Dibromochloromethane	11.341	129	195145	55.326	ug/l	98
61) 1,2-Dibromoethane	11.447	107	168233	52.676	ug/l	99
64) Tetrachloroethene	11.082	164	120905	45.645	ug/l	96
65) Chlorobenzene	11.871	112	446973	49.019	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	157603	52.756	ug/l	99
67) Ethyl Benzene	11.941	91	768873	48.037	ug/l	100
68) m/p-Xylenes	12.053	106	569774	95.009	ug/l	100
69) o-Xylene	12.376	106	279437	49.153	ug/l	98
70) Styrene	12.388	104	476204	51.368	ug/l	98
71) Bromoform	12.559	173	124259	55.736	ug/l #	97
73) Isopropylbenzene	12.676	105	701075	45.445	ug/l	100
74) N-amyl acetate	12.512	43	125430	28.642	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.918	83	253802	52.844	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	341294	74.633	ug/l	60
77) Bromobenzene	12.959	156	173018	52.010	ug/l	100
78) n-propylbenzene	13.012	91	877662	46.620	ug/l	99
79) 2-Chlorotoluene	13.106	91	531444	49.501	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	602625	47.036	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	82686	50.439	ug/l	88
82) 4-Chlorotoluene	13.200	91	553531	47.655	ug/l	100
83) tert-Butylbenzene	13.418	119	501706	43.836	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	615612	48.025	ug/l	100
85) sec-Butylbenzene	13.594	105	729062	43.358	ug/l	100
86) p-Isopropyltoluene	13.706	119	618303	45.837	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	326380	49.147	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	339104	47.543	ug/l	100
89) n-Butylbenzene	14.035	91	584641	43.756	ug/l	99
90) Hexachloroethane	14.312	117	122829	47.022	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	309709	48.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	59061	52.833	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	179550	46.313	ug/l	99
94) Hexachlorobutadiene	15.476	225	64699	44.814	ug/l	99
95) Naphthalene	15.612	128	638844	48.102	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	167905	45.169	ug/l	95

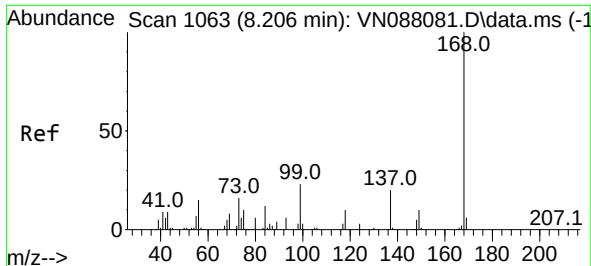
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QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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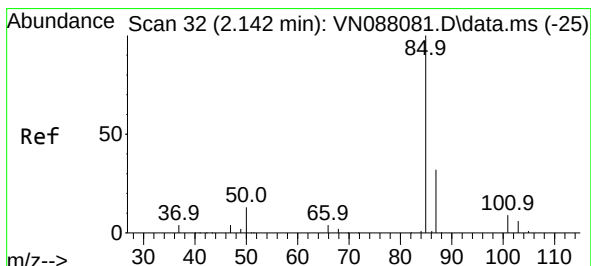
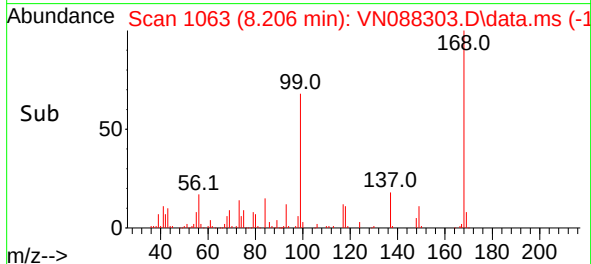
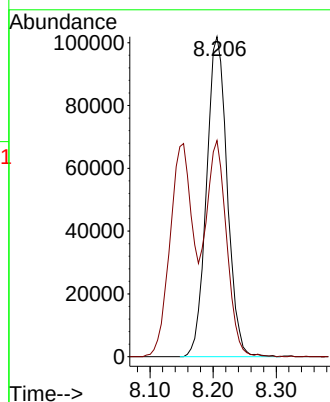
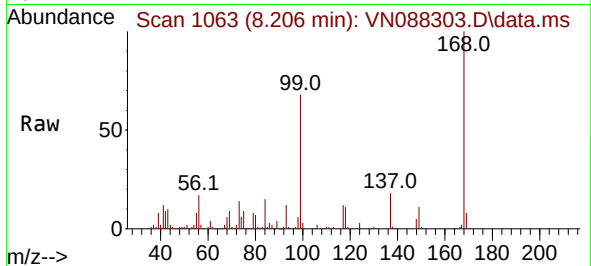
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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Acq: 17 Nov 2025 15:07

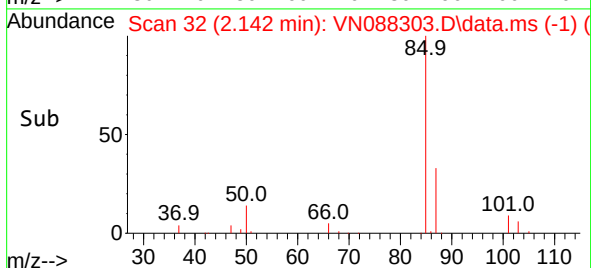
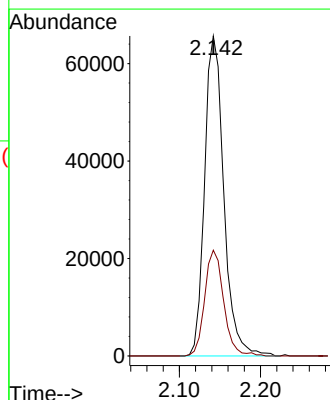
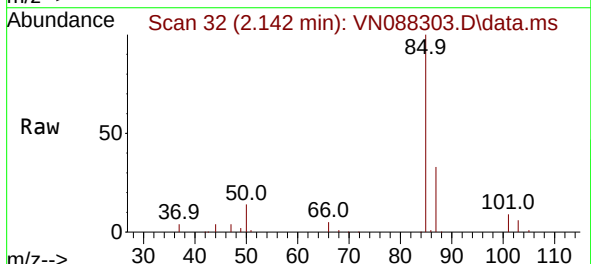
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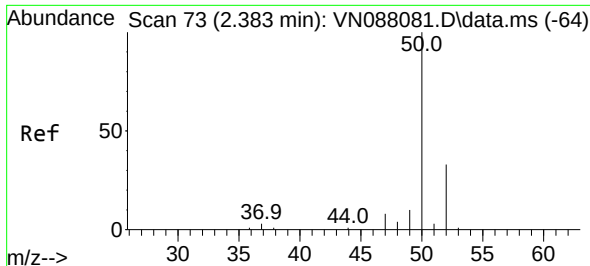
Tgt Ion:168 Resp: 231427
Ion Ratio Lower Upper
168 100
99 67.4 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 41.263 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 85 Resp: 107716
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8

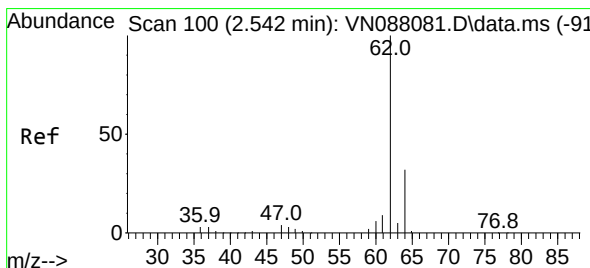
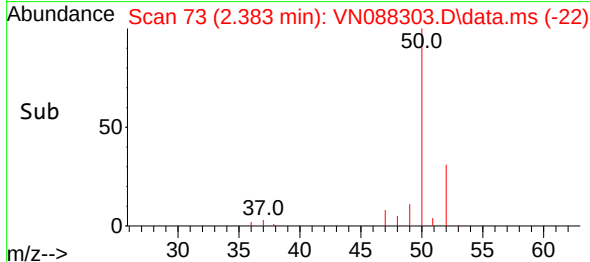
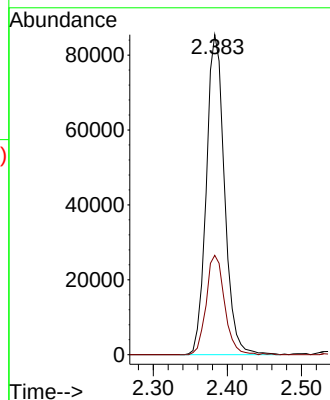
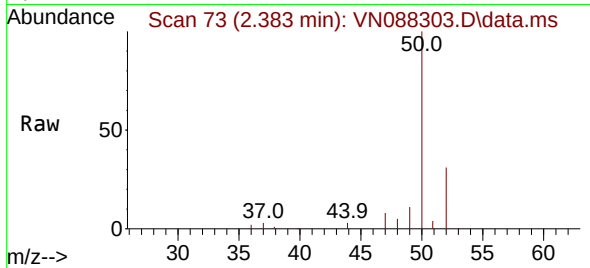




#3
Chloromethane
Concen: 47.300 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

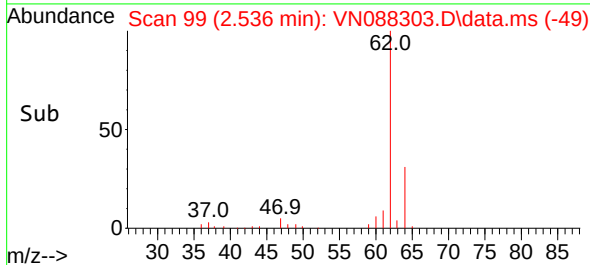
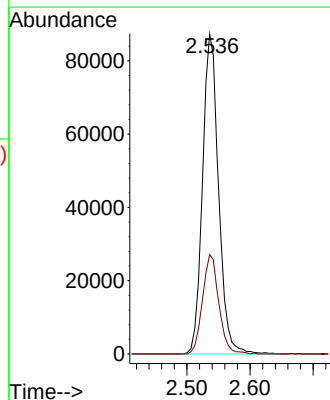
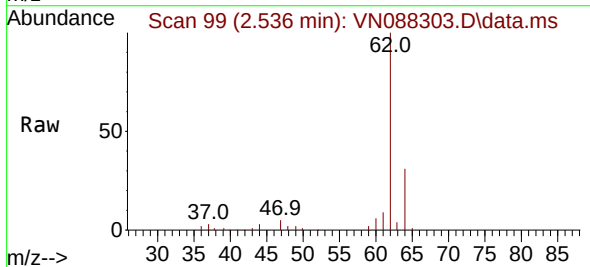
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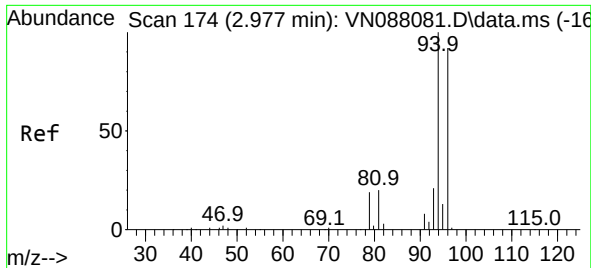
Tgt Ion: 50 Resp: 145266
Ion Ratio Lower Upper
50 100
52 31.0 26.2 39.4



#4
Vinyl Chloride
Concen: 45.913 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 62 Resp: 153637
Ion Ratio Lower Upper
62 100
64 31.1 24.6 37.0

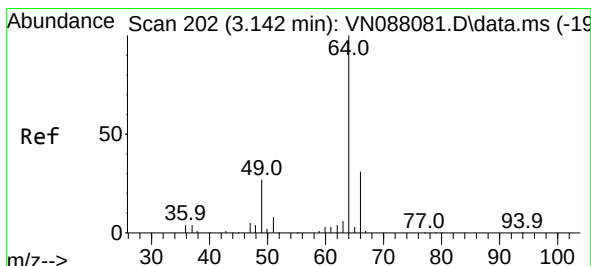
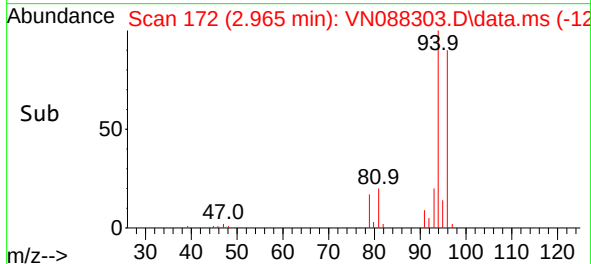
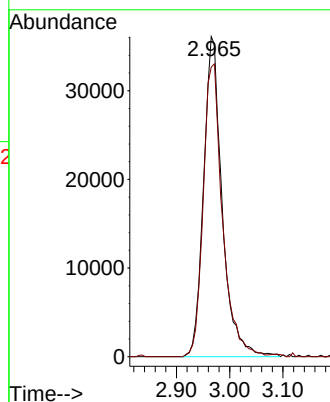
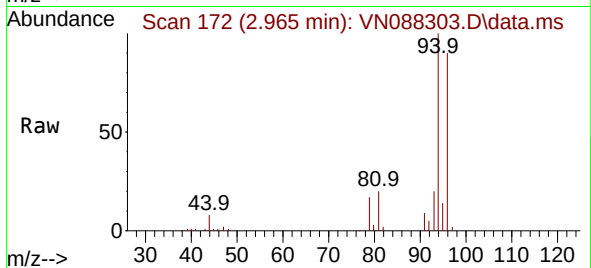




#5
Bromomethane
Concen: 43.647 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

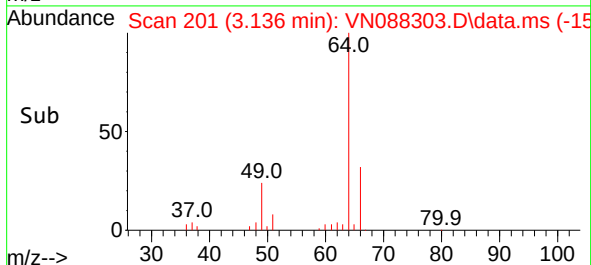
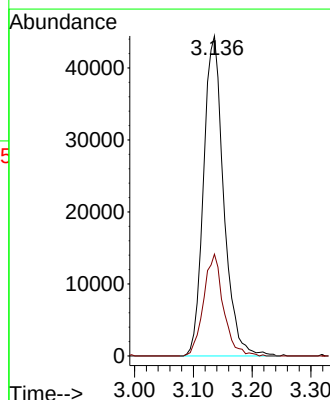
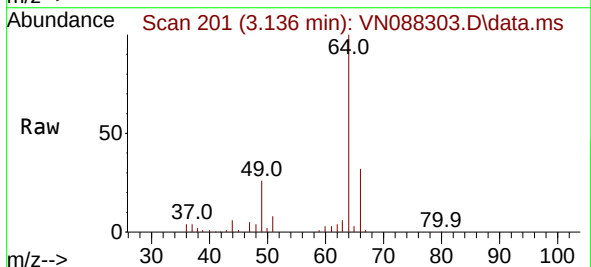
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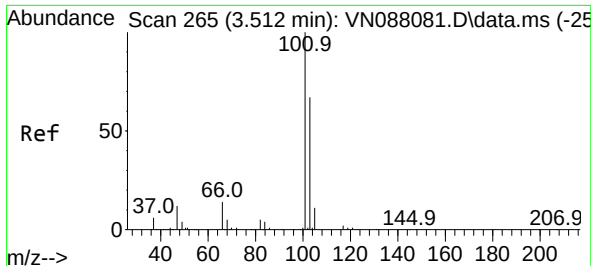
Tgt Ion: 94 Resp: 87359
Ion Ratio Lower Upper
94 100
96 90.5 75.4 113.2



#6
Chloroethane
Concen: 43.839 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 64 Resp: 105692
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.2

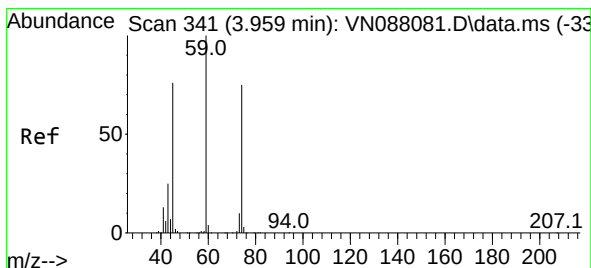
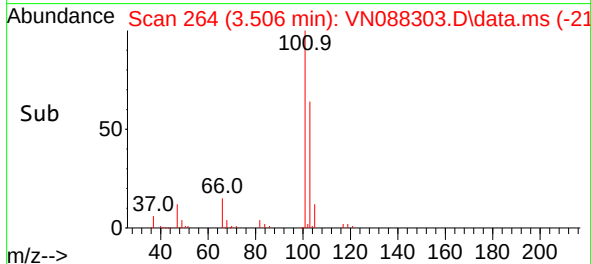
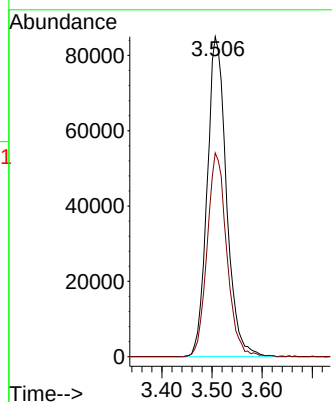
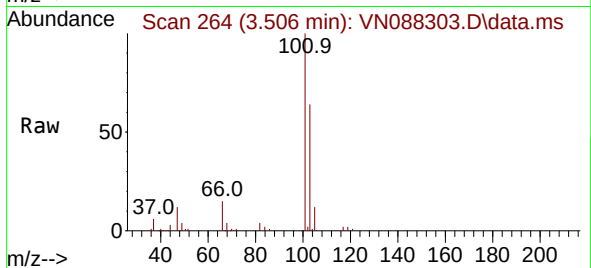




#7
Trichlorofluoromethane
Concen: 42.522 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

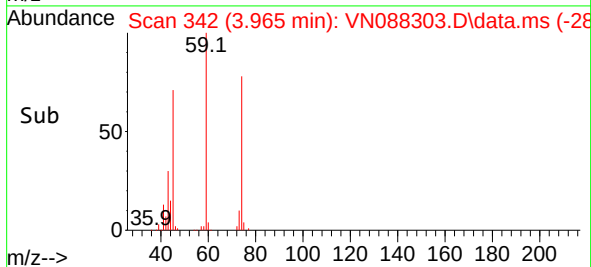
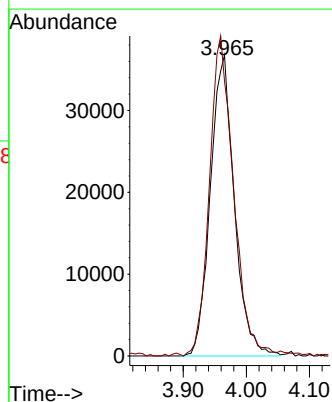
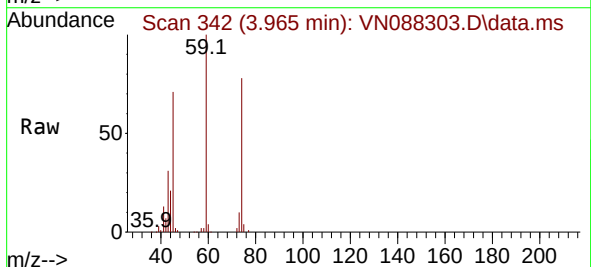
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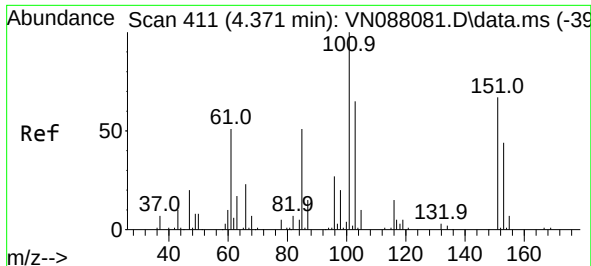
Tgt Ion:101 Resp: 226946
Ion Ratio Lower Upper
101 100
103 63.6 49.4 74.0



#8
Diethyl Ether
Concen: 48.805 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 74 Resp: 96810
Ion Ratio Lower Upper
74 100
45 107.3 50.6 151.9

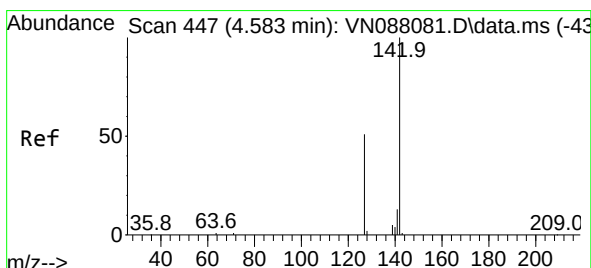
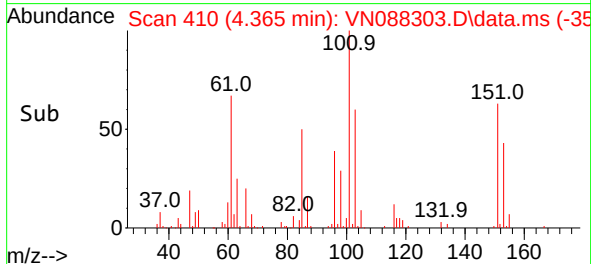
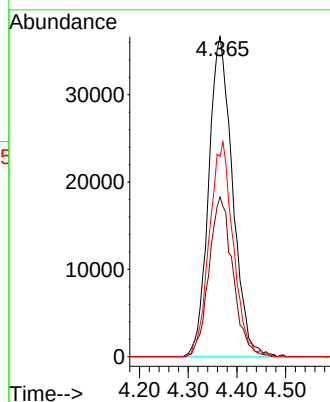
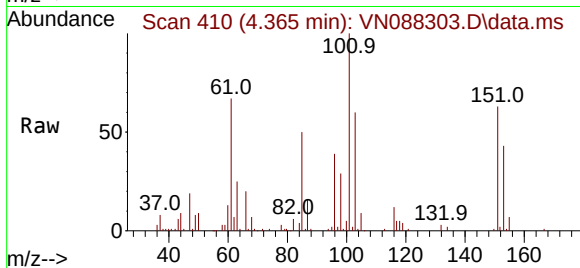




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.381 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN088303.D
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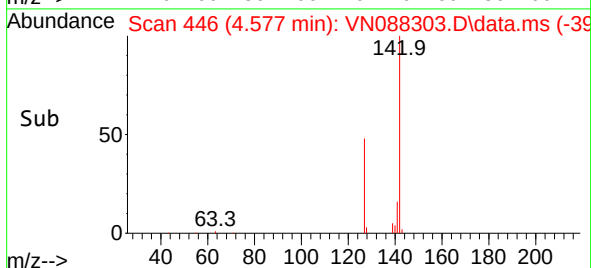
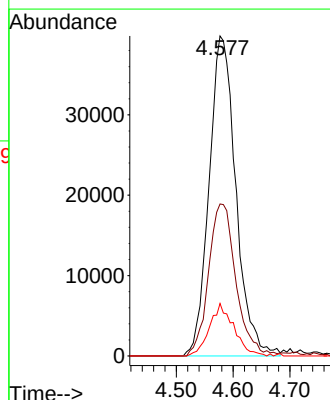
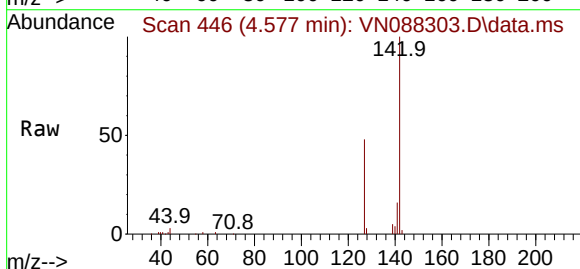
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ClientSampleId :
VSTDCCC050EC

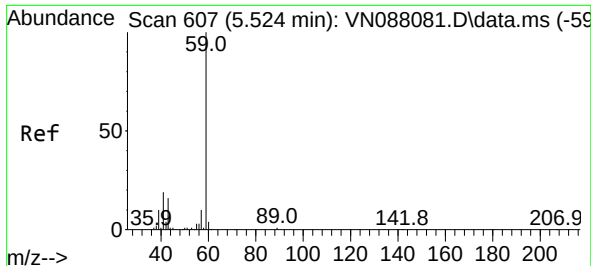
Tgt Ion:101 Resp: 124981
Ion Ratio Lower Upper
101 100
85 49.7 36.6 55.0
151 67.0 54.7 82.1



#10
Methyl Iodide
Concen: 51.774 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:142 Resp: 130310
Ion Ratio Lower Upper
142 100
127 47.5 38.0 57.0
141 16.4 12.0 18.0

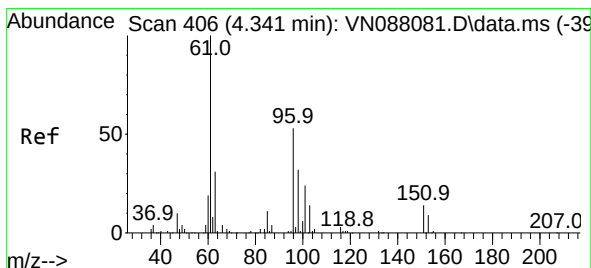
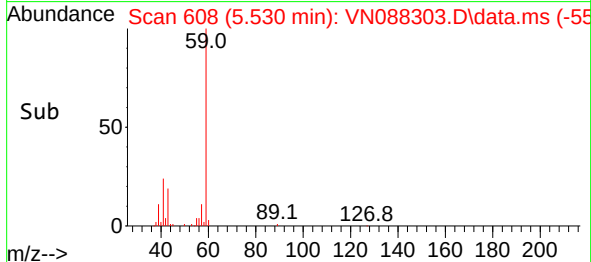
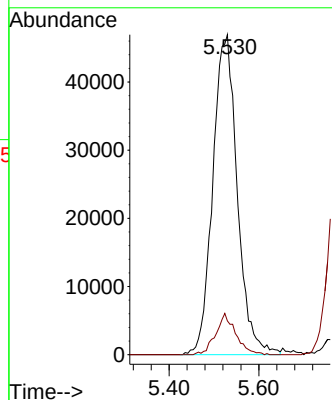
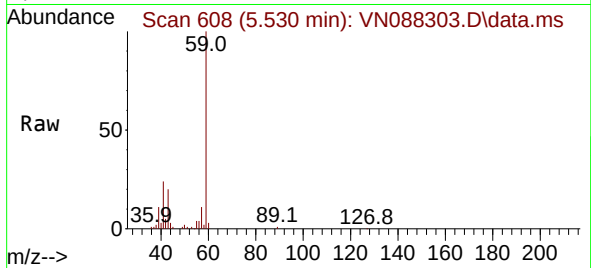




#11
Tert butyl alcohol
Concen: 258.272 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

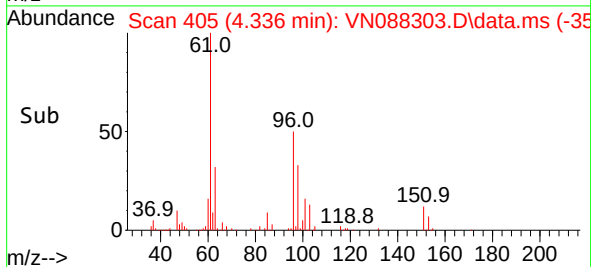
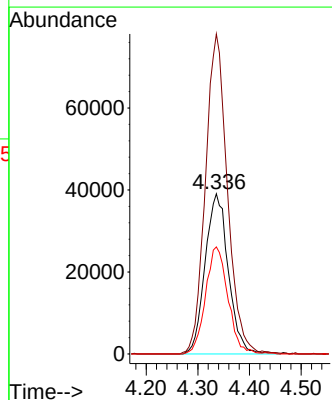
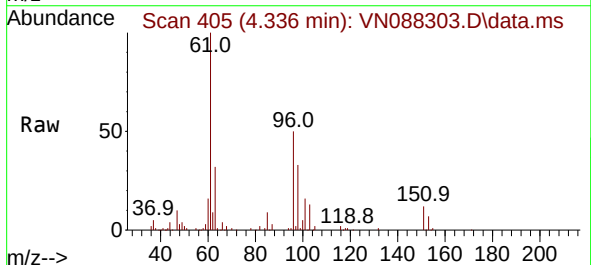
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

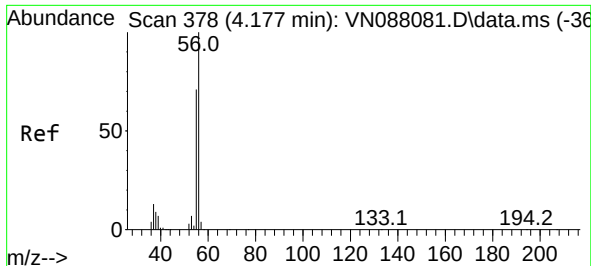
Tgt Ion: 59 Resp: 178061
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 41.867 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 96 Resp: 121783
Ion Ratio Lower Upper
96 100
61 199.8 143.8 215.8
98 66.9 52.1 78.1

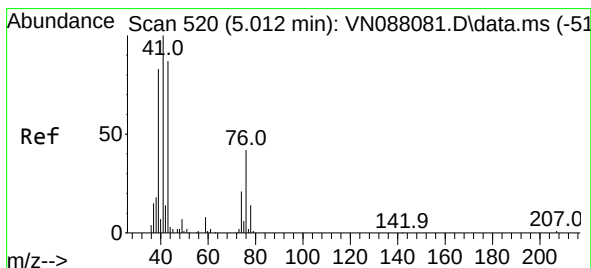
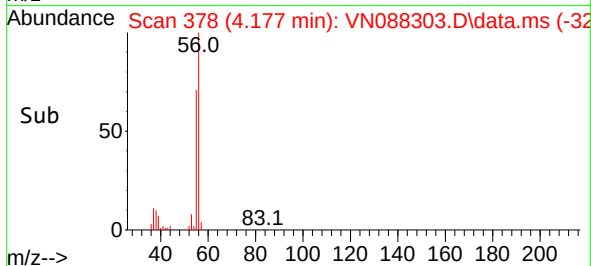
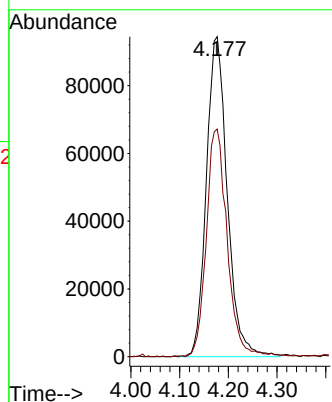
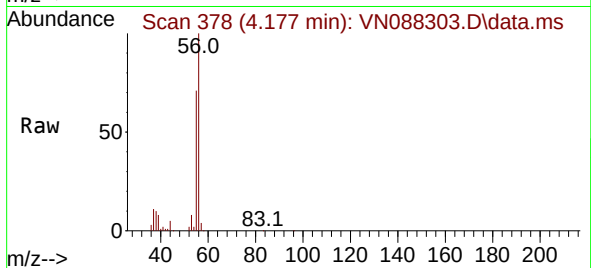




#13
Acrolein
Concen: 362.258 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

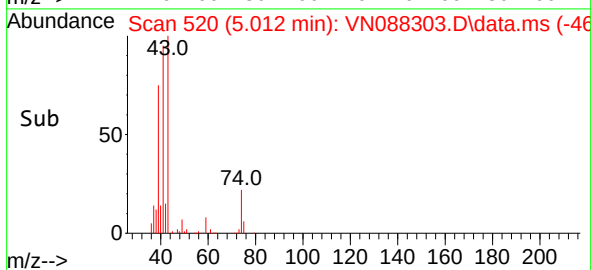
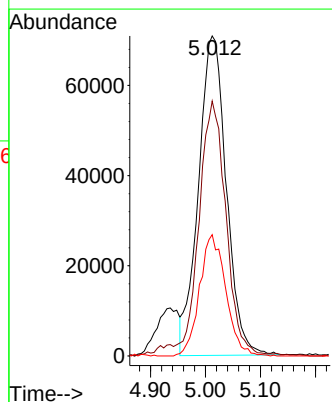
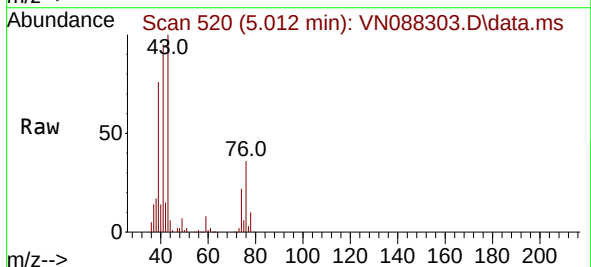
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ClientSampleId :
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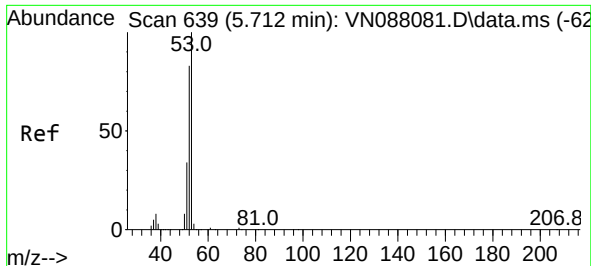
Tgt Ion: 56 Resp: 280928
Ion Ratio Lower Upper
56 100
55 70.6 57.3 85.9



#14
Allyl chloride
Concen: 49.033 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 41 Resp: 249993
Ion Ratio Lower Upper
41 100
39 75.6 63.9 95.9
76 35.7 28.1 42.1

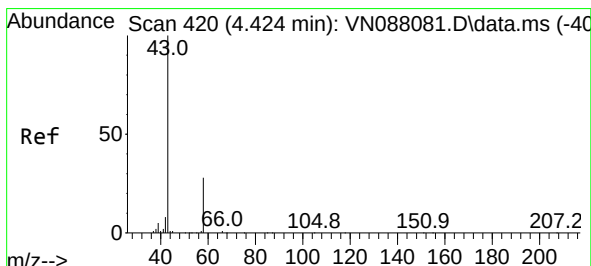
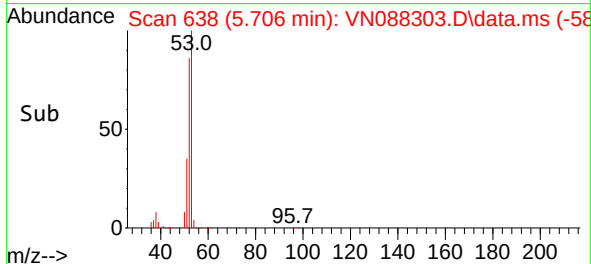
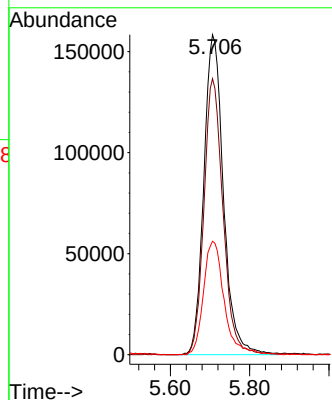
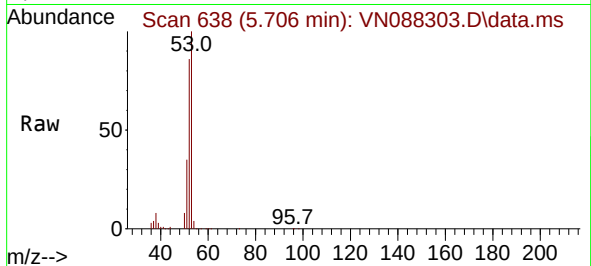




#15
Acrylonitrile
Concen: 289.841 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

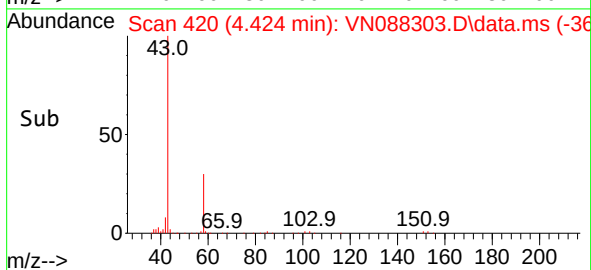
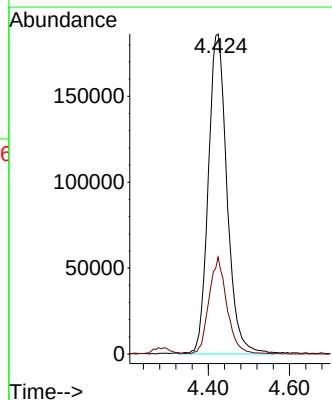
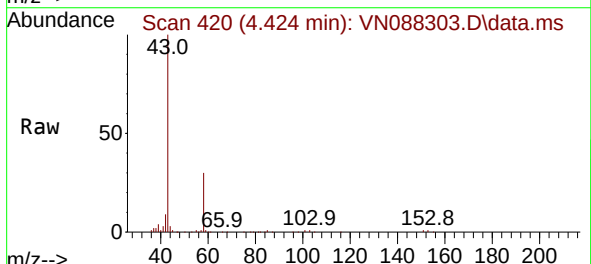
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

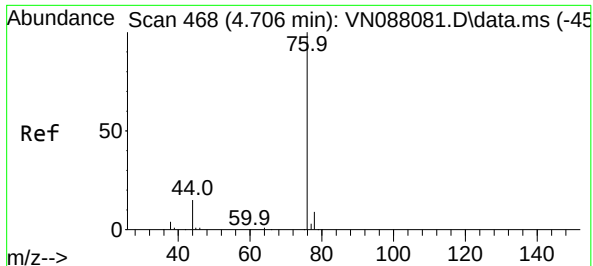
Tgt Ion: 53 Resp: 544317
Ion Ratio Lower Upper
53 100
52 83.7 67.6 101.4
51 37.3 30.1 45.1



#16
Acetone
Concen: 297.060 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 43 Resp: 597232
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8

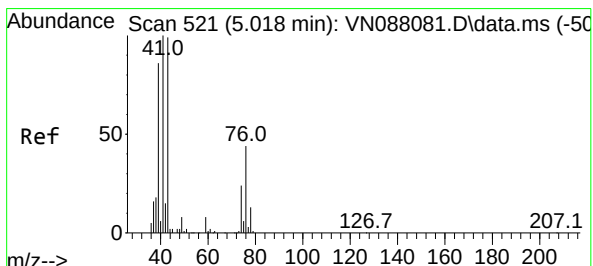
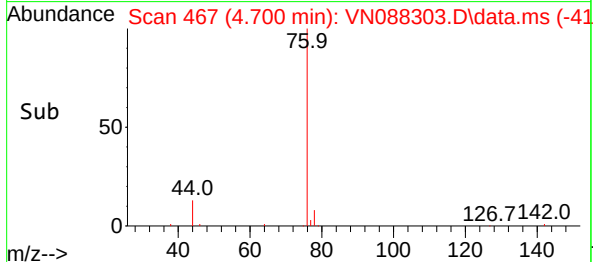
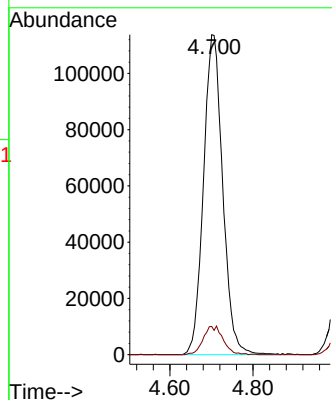
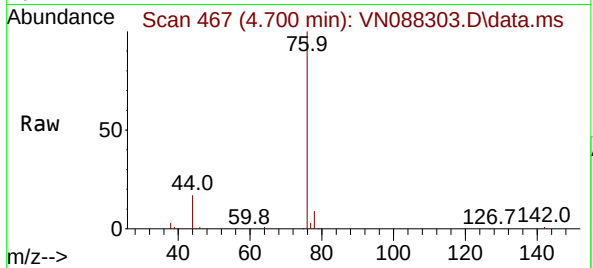




#17
Carbon Disulfide
Concen: 41.253 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

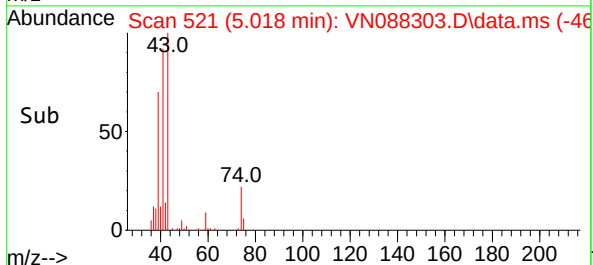
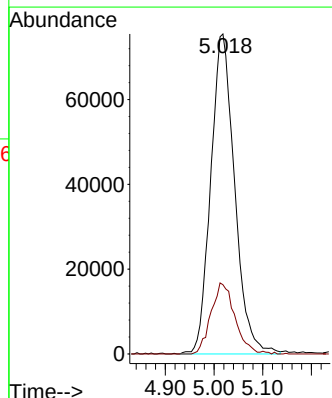
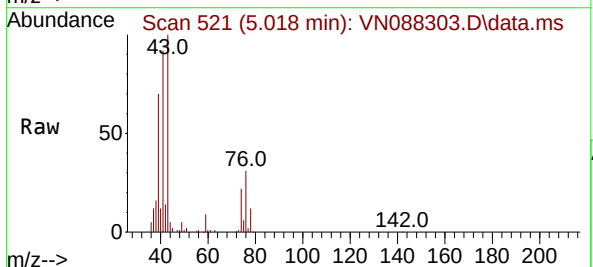
Instrument :
MSVOA_N
ClientSampleId :
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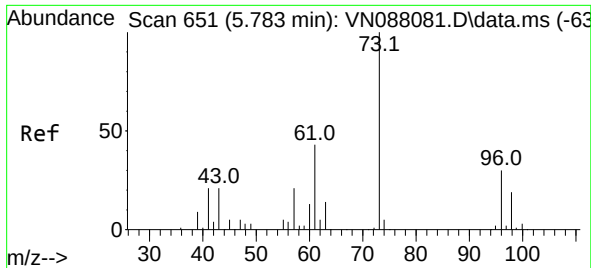
Tgt Ion: 76 Resp: 364771
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 62.504 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 43 Resp: 257262
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4

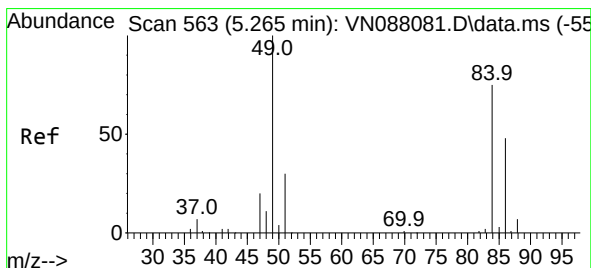
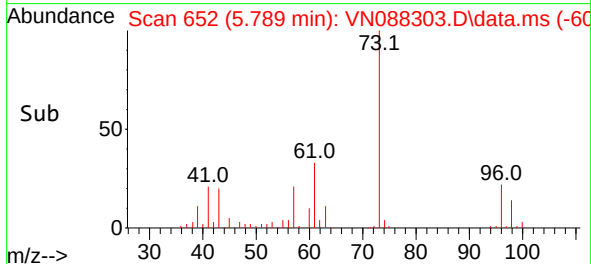
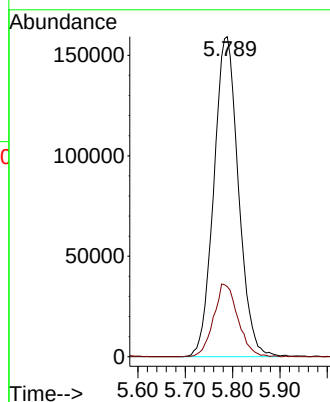
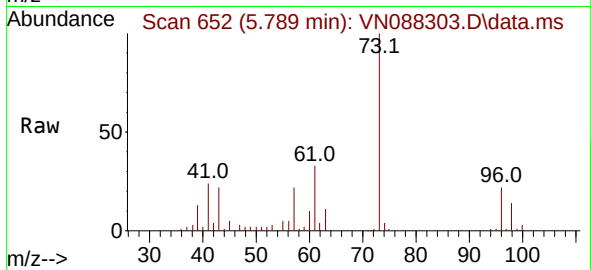




#19
Methyl tert-butyl Ether
Concen: 53.769 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

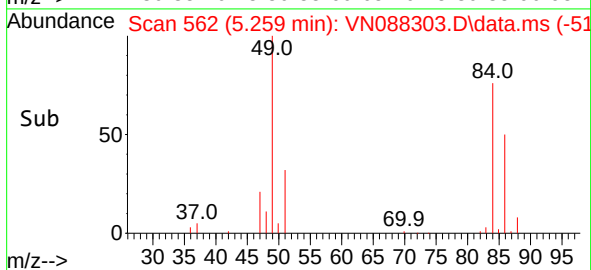
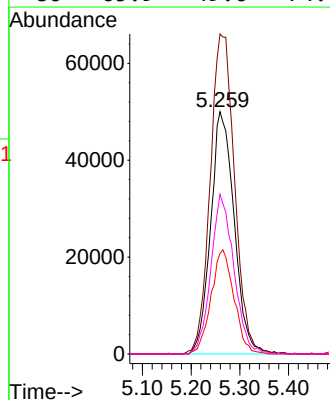
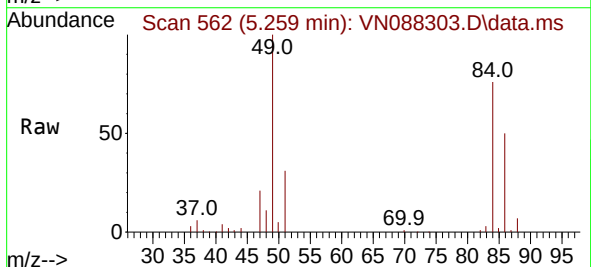
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

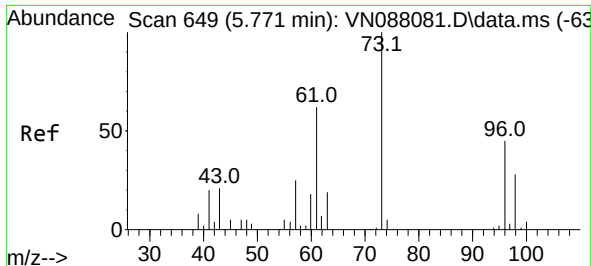
Tgt Ion: 73 Resp: 574381
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



#20
Methylene Chloride
Concen: 49.746 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 84 Resp: 167887
Ion Ratio Lower Upper
84 100
49 132.1 103.4 155.2
51 41.6 33.8 50.8
86 65.9 49.6 74.4

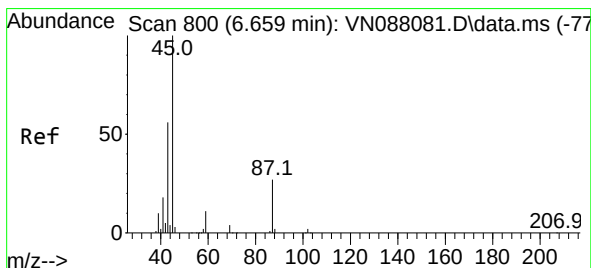
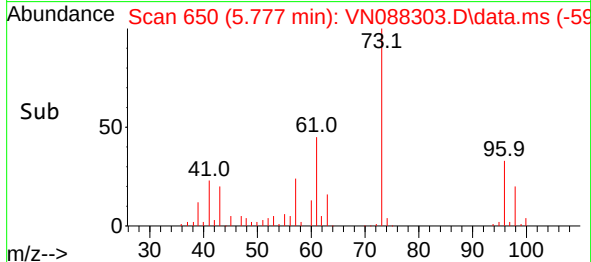
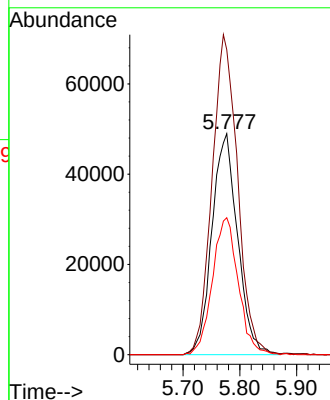
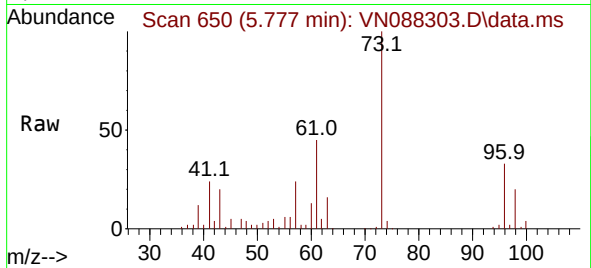




#21
trans-1,2-Dichloroethene
Concen: 48.087 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

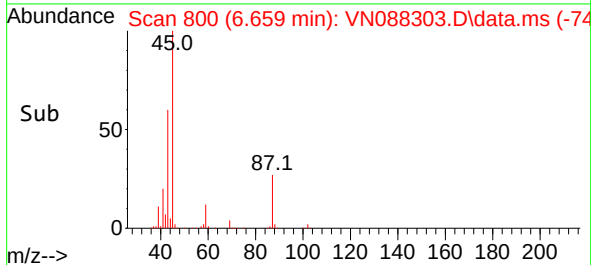
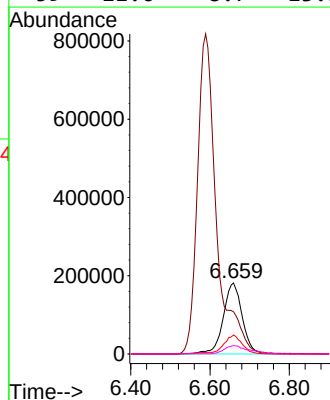
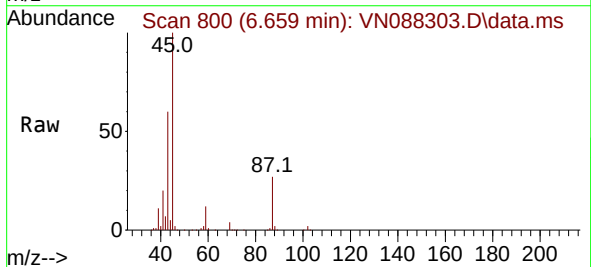
Instrument :
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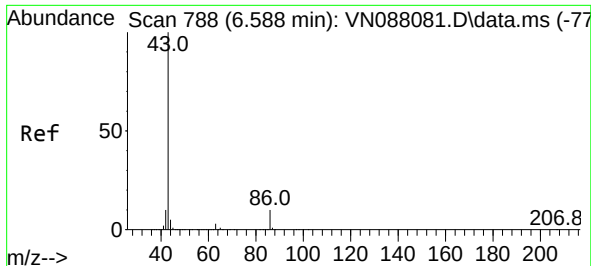
Tgt Ion: 96 Resp: 153532
Ion Ratio Lower Upper
96 100
61 138.0 118.0 177.0
98 62.0 50.0 75.0



#22
Diisopropyl ether
Concen: 56.086 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 45 Resp: 601371
Ion Ratio Lower Upper
45 100
43 58.9 47.7 71.5
87 26.8 21.4 32.0
59 11.6 8.7 13.1

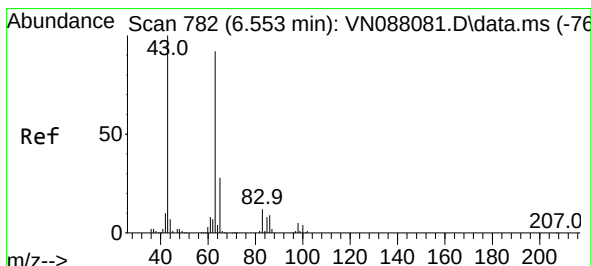
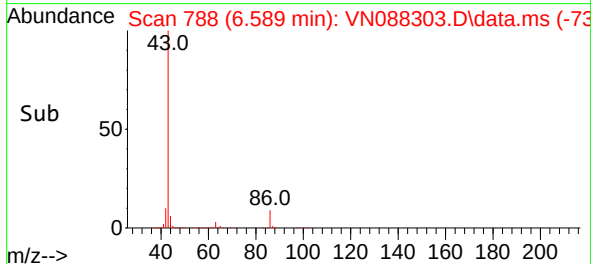
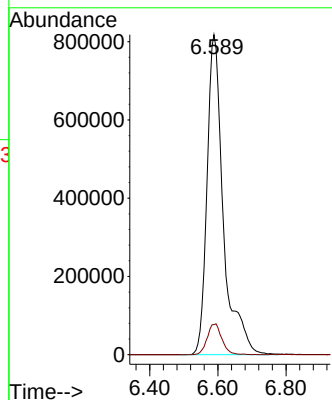
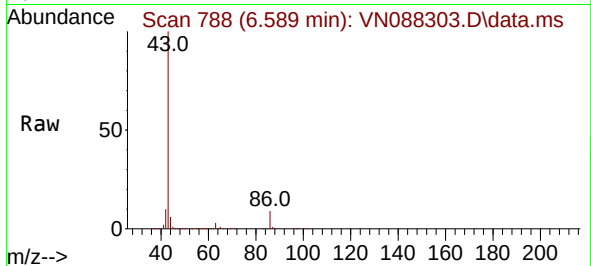




#23
 Vinyl Acetate
 Concen: 281.765 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

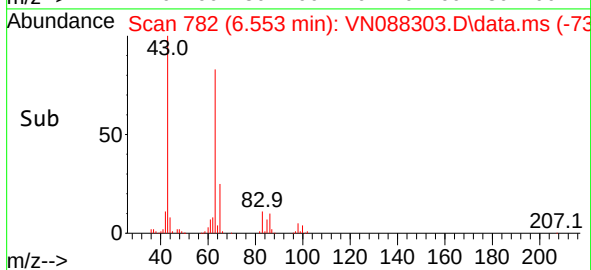
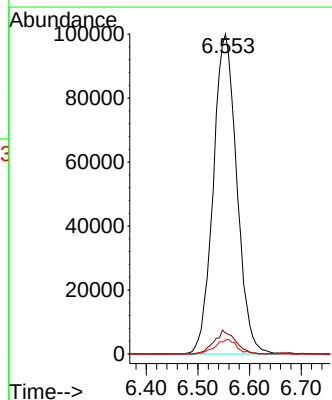
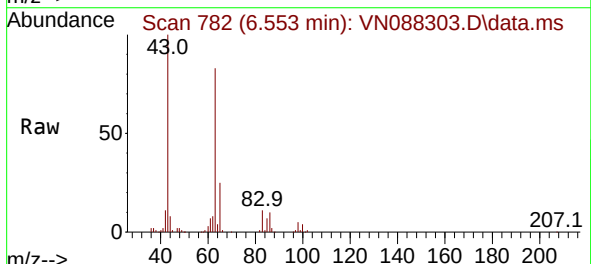
Instrument :
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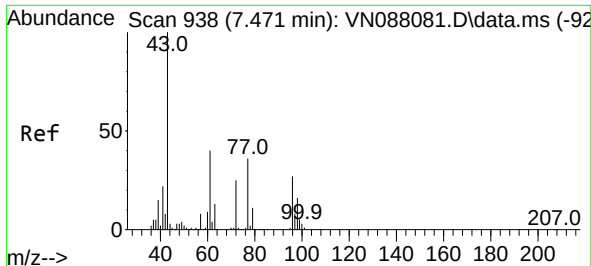
Tgt Ion: 43 Resp: 2721405
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.212 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion: 63 Resp: 316048
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.4 2.0 6.0

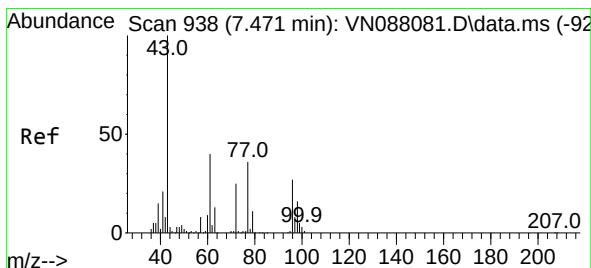
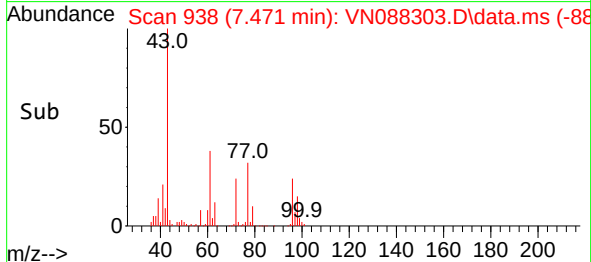
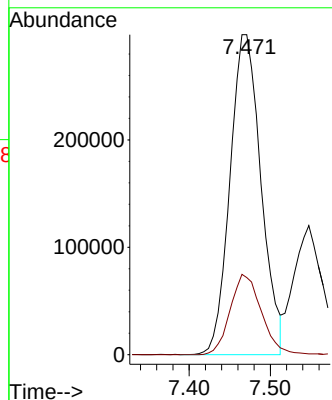
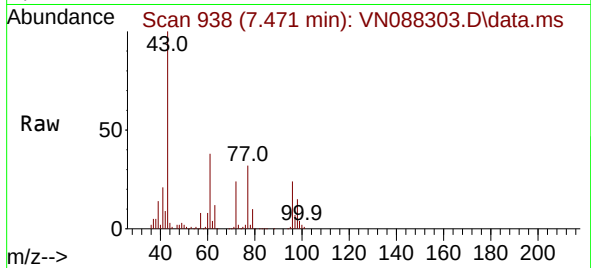




#25
2-Butanone
Concen: 299.235 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

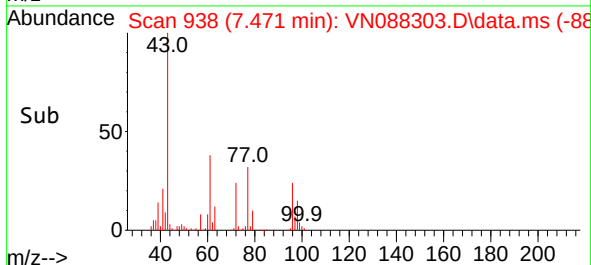
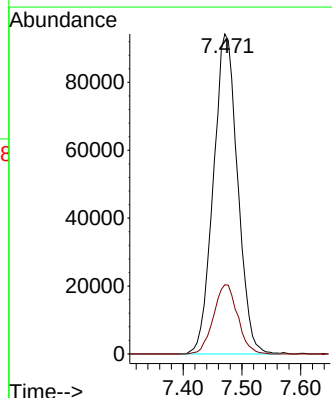
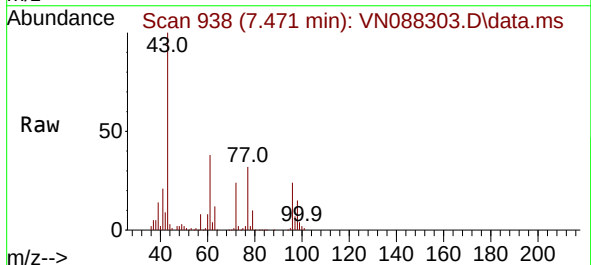
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

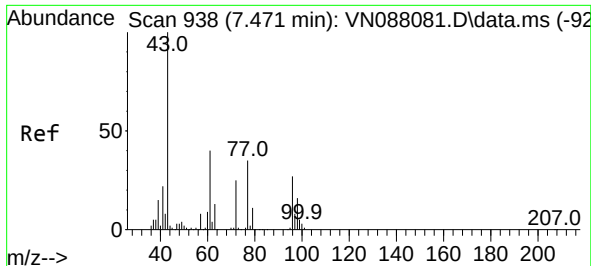
Tgt Ion: 43 Resp: 792825
Ion Ratio Lower Upper
43 100
72 24.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.056 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 77 Resp: 270178
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7

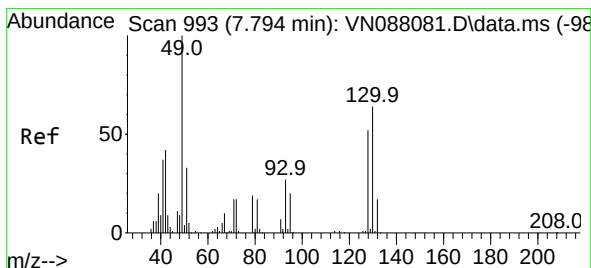
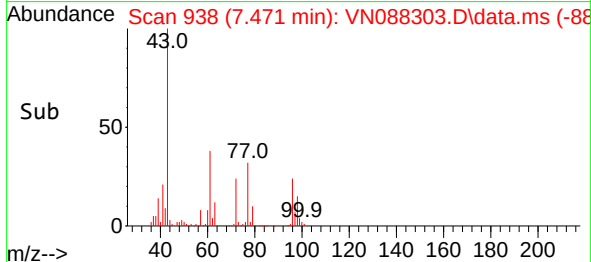
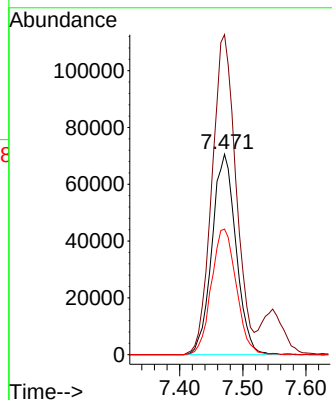
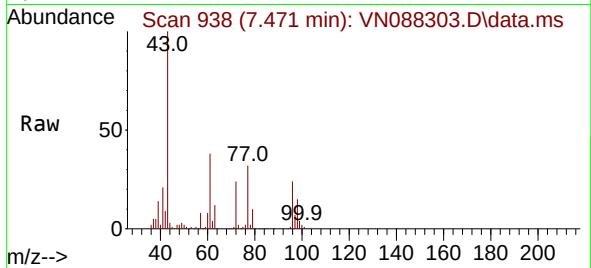




#27
 cis-1,2-Dichloroethene
 Concen: 50.830 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

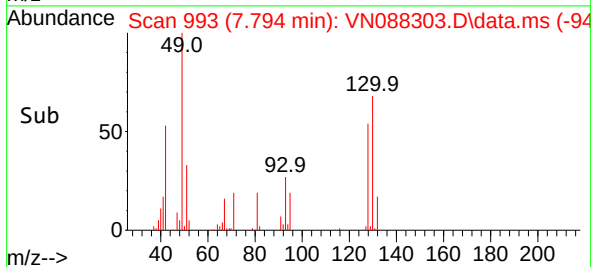
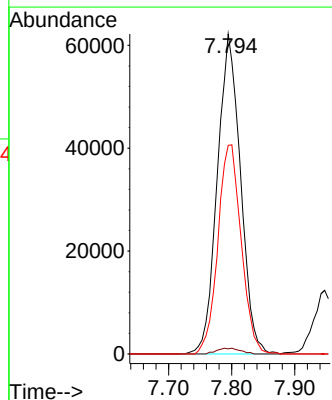
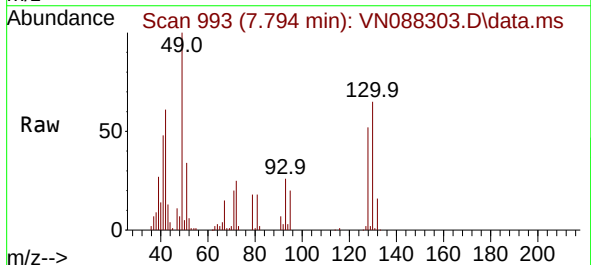
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

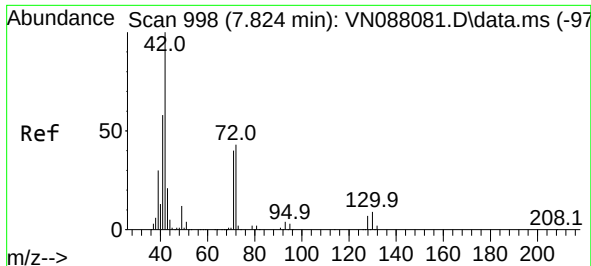
Tgt Ion: 96 Resp: 186832
 Ion Ratio Lower Upper
 96 100
 61 159.5 0.0 301.8
 98 64.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 56.510 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion: 49 Resp: 158590
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 65.8 53.1 79.7

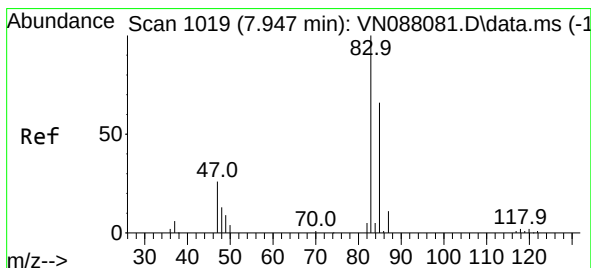
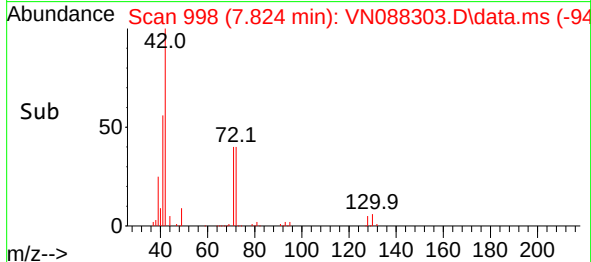
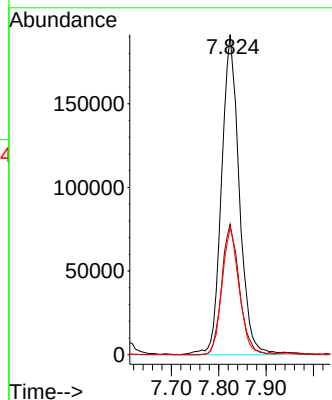
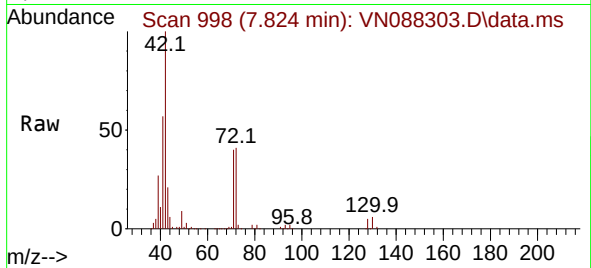




#29
Tetrahydrofuran
Concen: 288.295 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

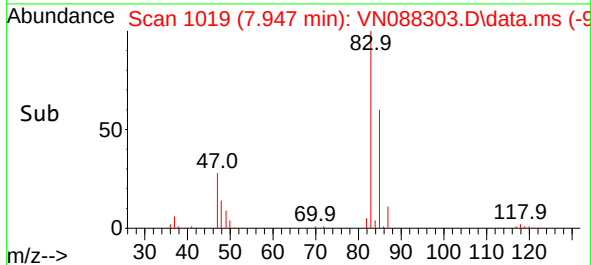
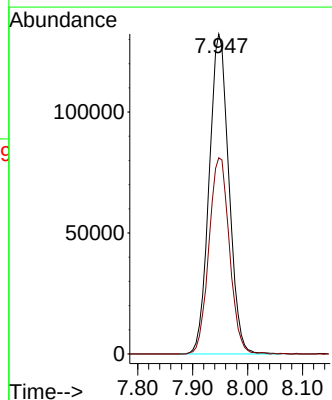
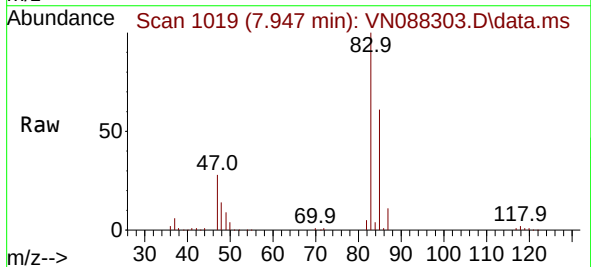
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

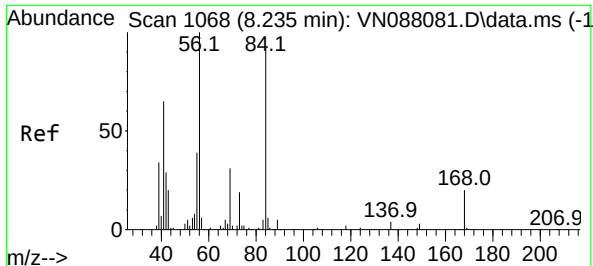
Tgt Ion: 42 Resp: 497797
Ion Ratio Lower Upper
42 100
72 40.4 33.7 50.5
71 38.2 31.9 47.9



#30
Chloroform
Concen: 55.517 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 83 Resp: 329414
Ion Ratio Lower Upper
83 100
85 61.3 50.7 76.1

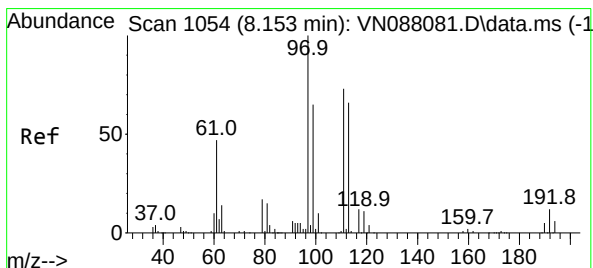
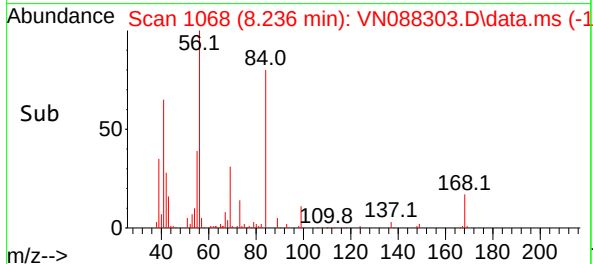
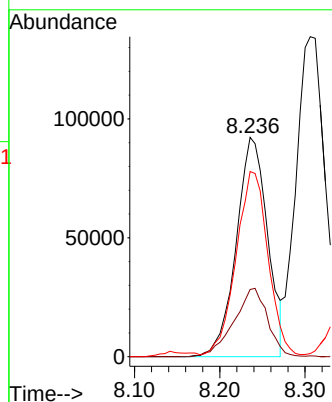
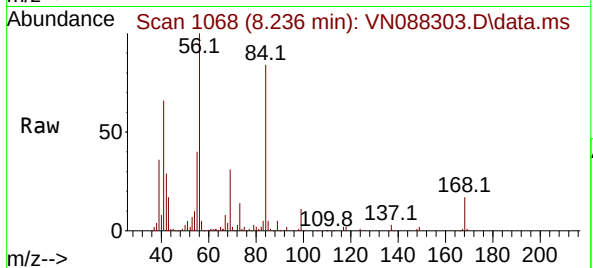




#31
Cyclohexane
Concen: 42.076 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

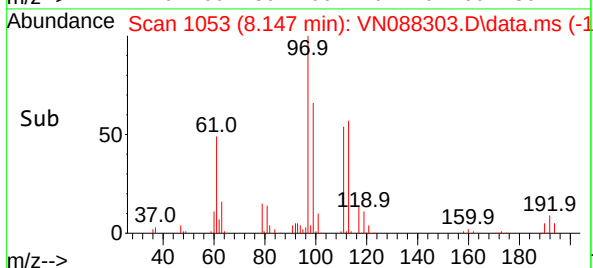
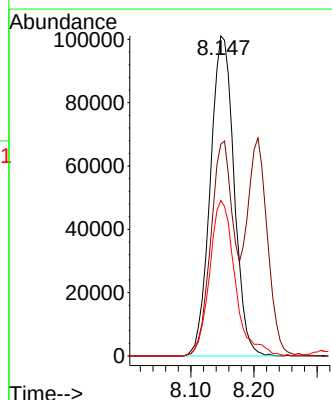
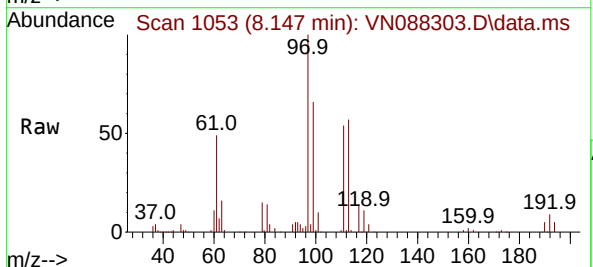
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

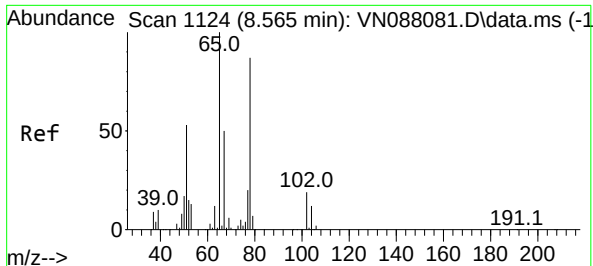
Tgt Ion: 56 Resp: 235701
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 82.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 49.981 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 97 Resp: 264140
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 52.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 49.542 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

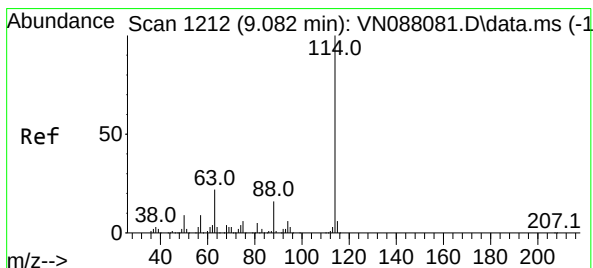
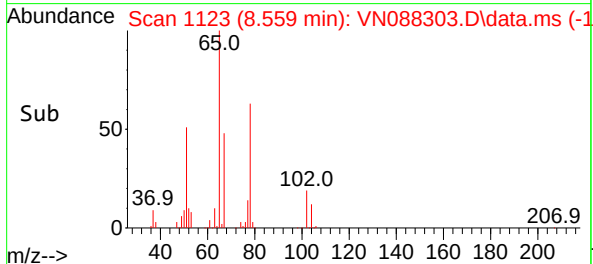
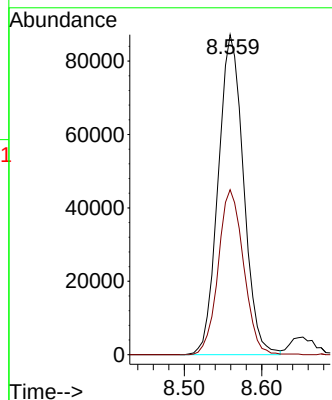
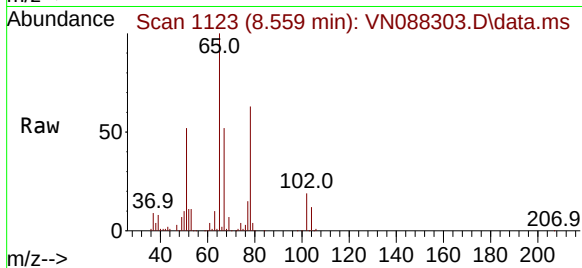
VSTDCCC050EC

Tgt Ion: 65 Resp: 198260

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

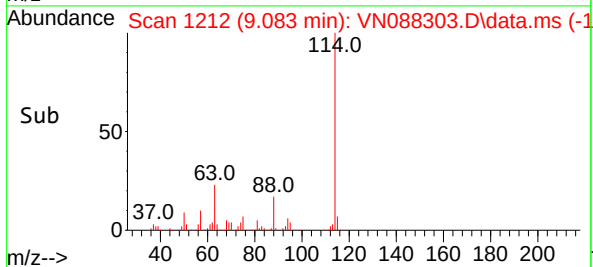
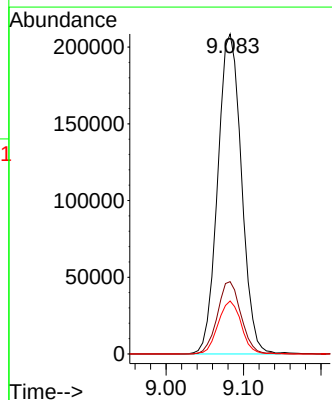
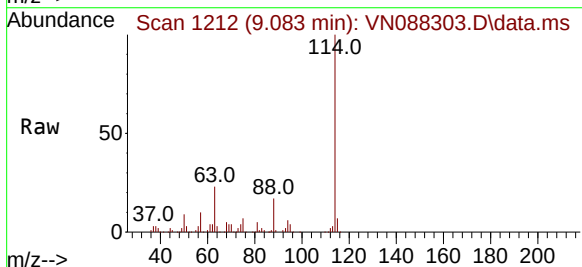
Tgt Ion: 114 Resp: 444101

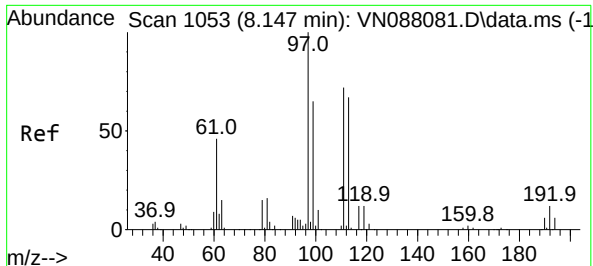
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 16.6 0.0 33.4

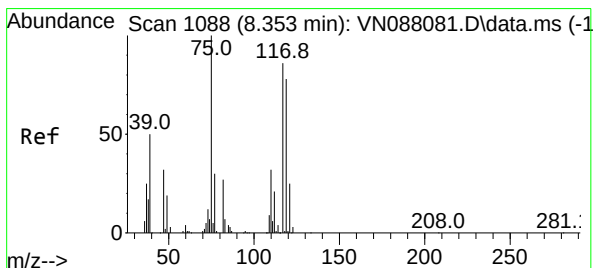
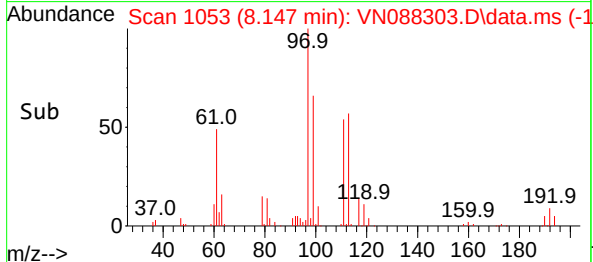
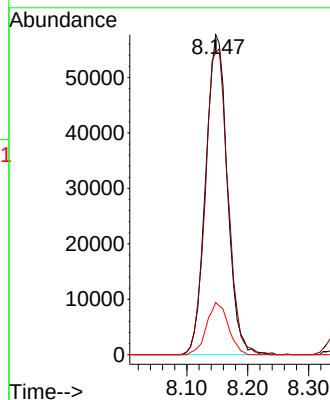
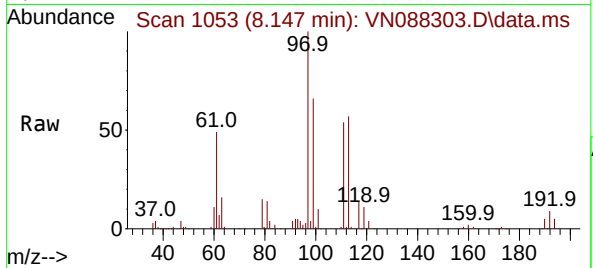




#35
Dibromofluoromethane
Concen: 47.685 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

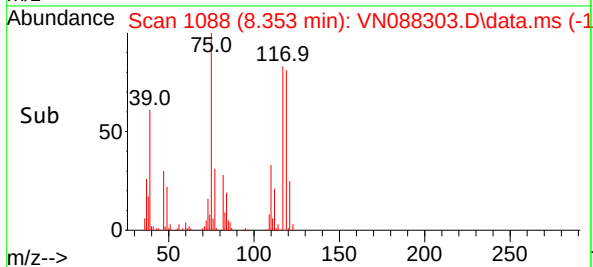
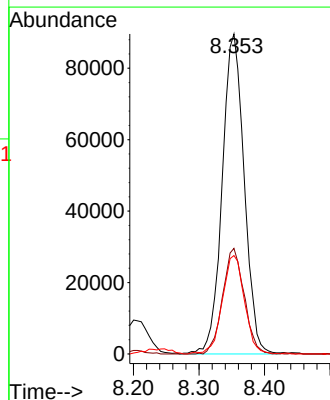
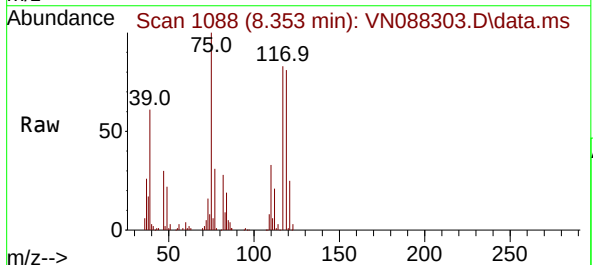
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

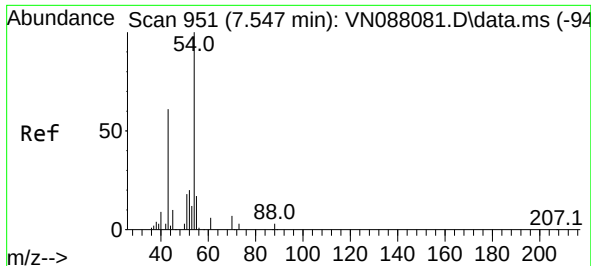
Tgt Ion:113 Resp: 142269
Ion Ratio Lower Upper
113 100
111 99.1 82.8 124.2
192 16.3 12.8 19.2



#36
1,1-Dichloropropene
Concen: 47.924 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 75 Resp: 208768
Ion Ratio Lower Upper
75 100
110 32.3 15.9 47.6
77 30.9 24.4 36.6

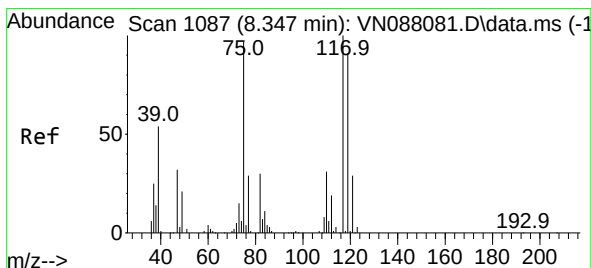
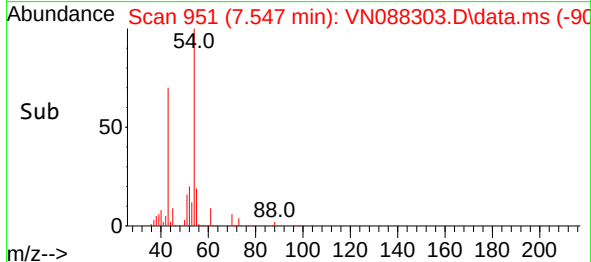
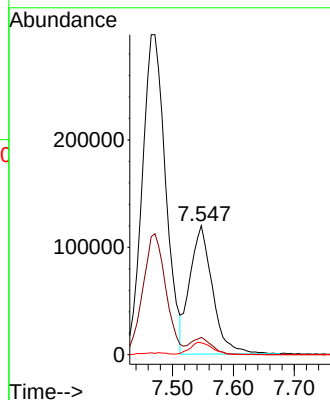
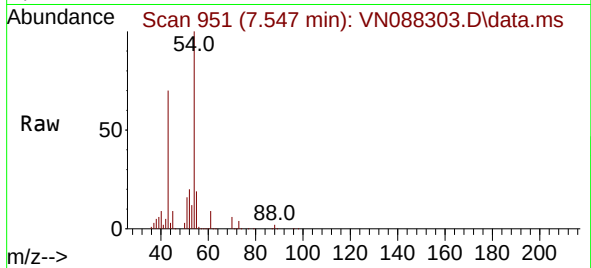




#37
Ethyl Acetate
Concen: 54.969 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

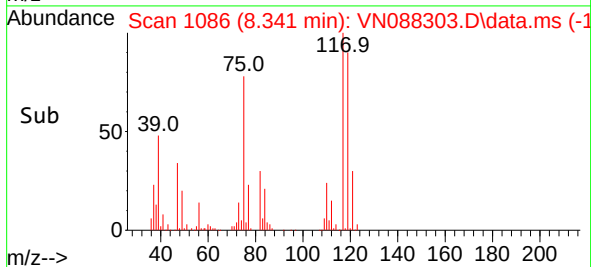
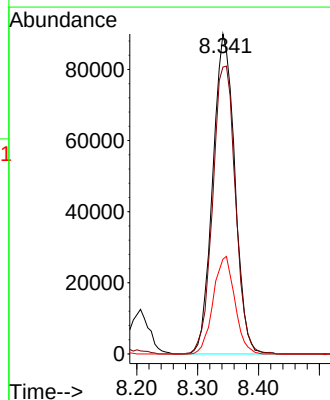
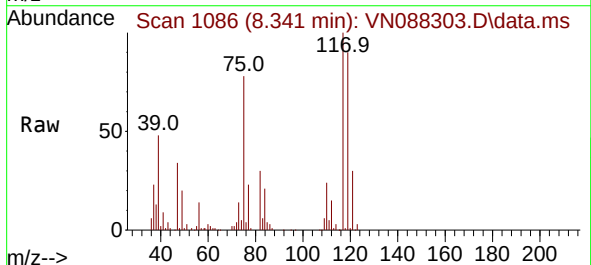
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

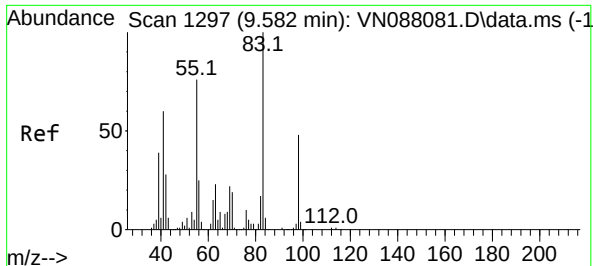
Tgt Ion: 43 Resp: 309017
Ion Ratio Lower Upper
43 100
61 12.5 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 50.251 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 117 Resp: 226092
Ion Ratio Lower Upper
117 100
119 89.7 79.0 118.6
121 29.6 25.0 37.6





#39

Methylcyclohexane

Concen: 38.689 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

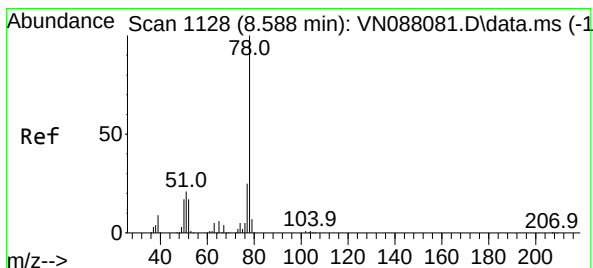
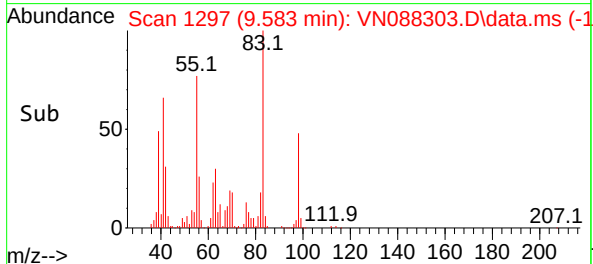
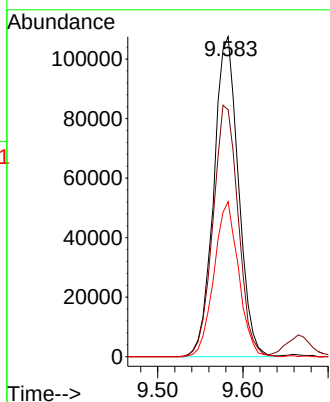
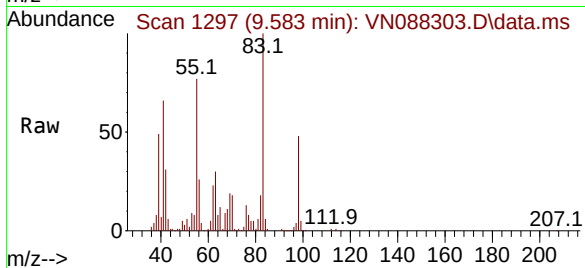
Tgt Ion: 83 Resp: 216634

Ion Ratio Lower Upper

83 100

55 77.2 64.6 96.8

98 48.5 38.4 57.6



#40

Benzene

Concen: 51.174 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088303.D

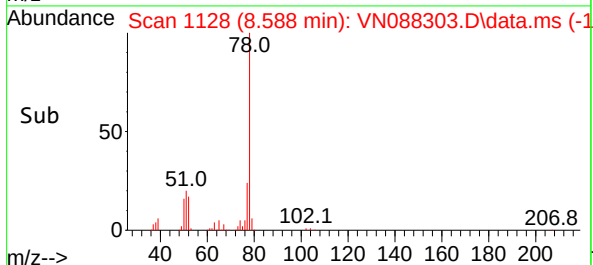
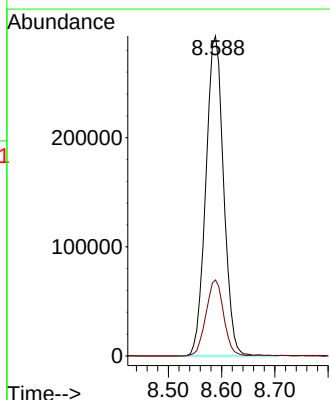
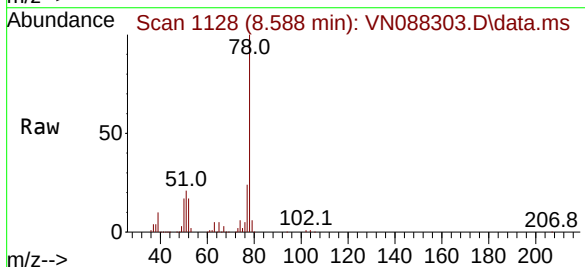
Acq: 17 Nov 2025 15:07

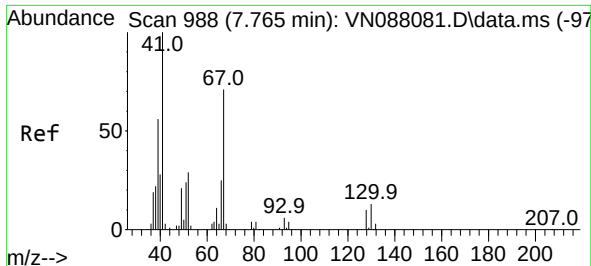
Tgt Ion: 78 Resp: 678909

Ion Ratio Lower Upper

78 100

77 23.7 19.7 29.5

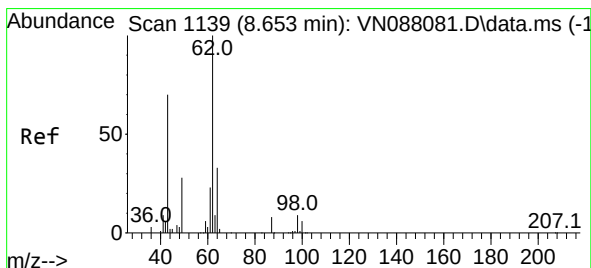
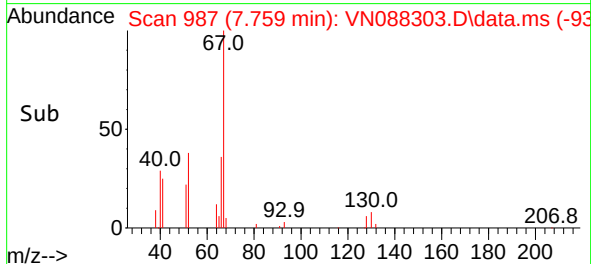
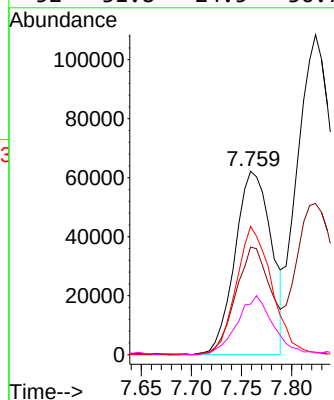
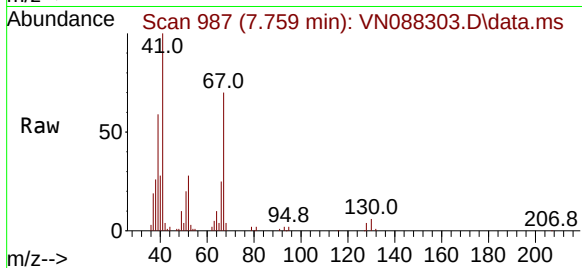




#41
Methacrylonitrile
Concen: 53.423 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

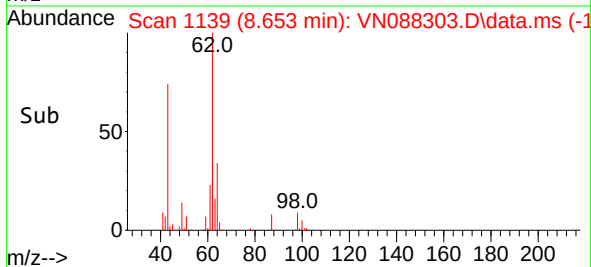
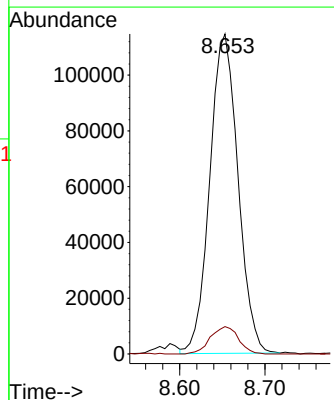
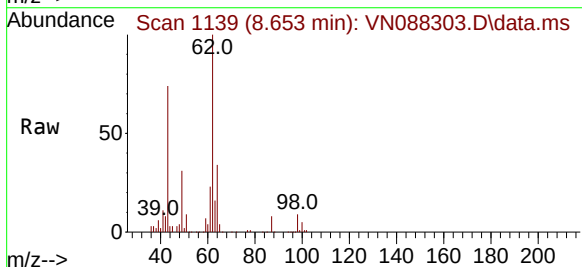
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

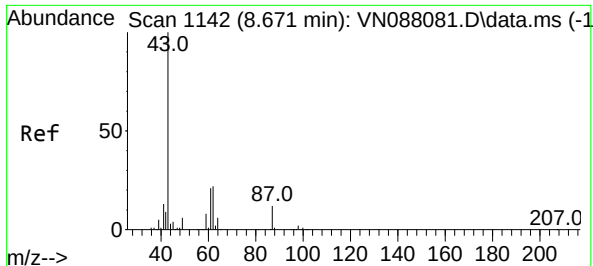
Tgt Ion:	41	Resp:	158066
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.4	68.0
67	68.3	55.3	82.9
52	31.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 55.938 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:	62	Resp:	263682
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4

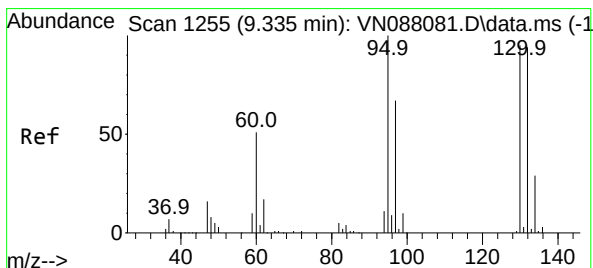
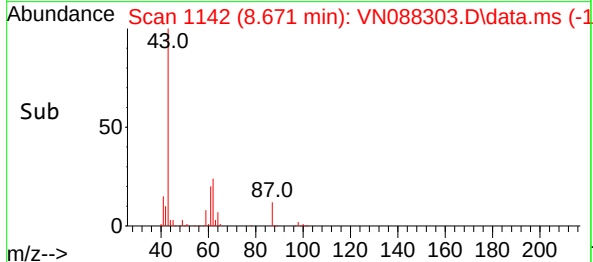
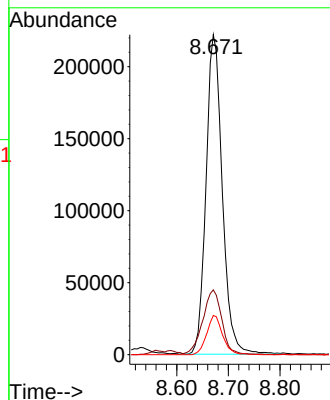
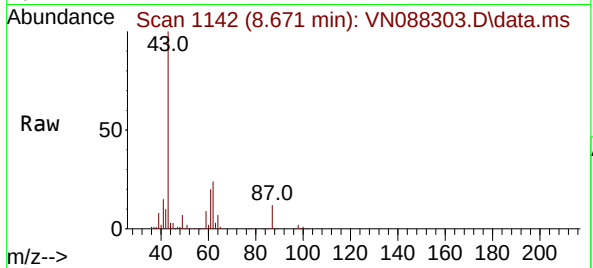




#43
Isopropyl Acetate
Concen: 56.261 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

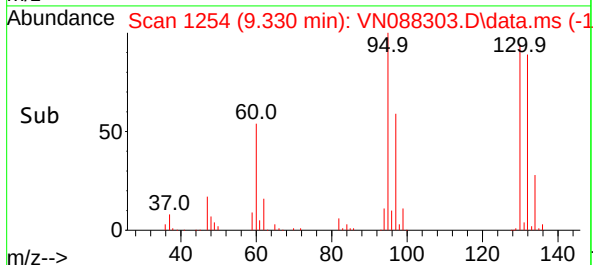
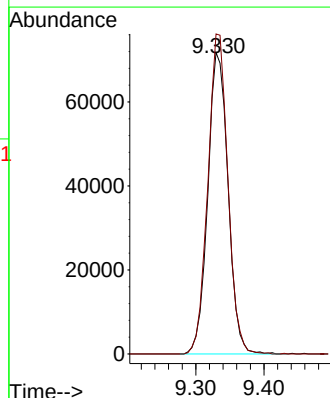
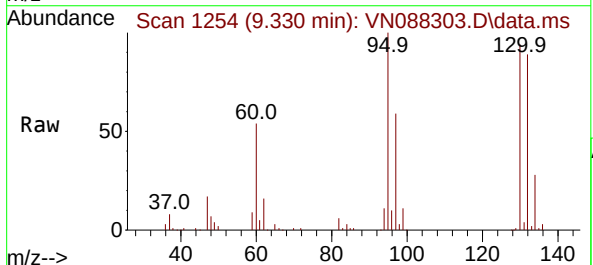
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

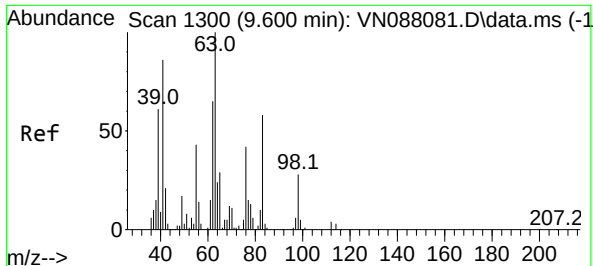
Tgt Ion: 43 Resp: 486000
Ion Ratio Lower Upper
43 100
61 23.3 18.8 28.2
87 12.0 9.6 14.4



#44
Trichloroethene
Concen: 47.882 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:130 Resp: 148478
Ion Ratio Lower Upper
130 100
95 106.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 53.661 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

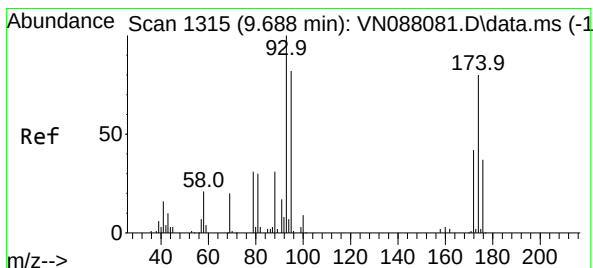
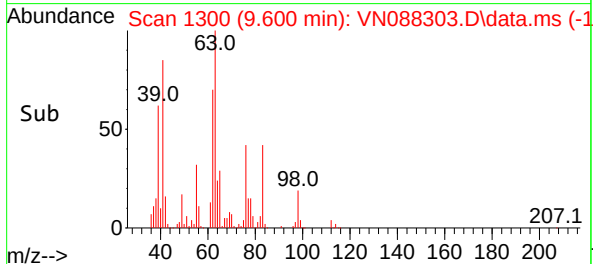
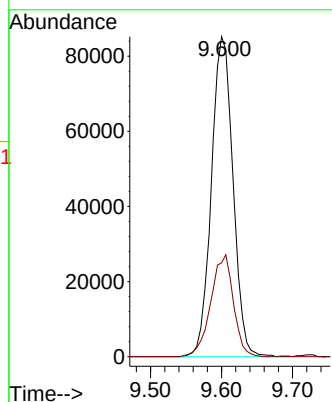
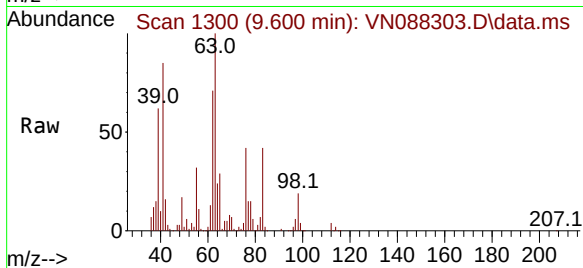
VSTDCCC050EC

Tgt Ion: 63 Resp: 179727

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.4



#46

Dibromomethane

Concen: 54.316 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

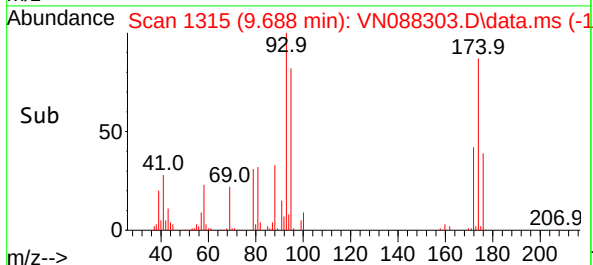
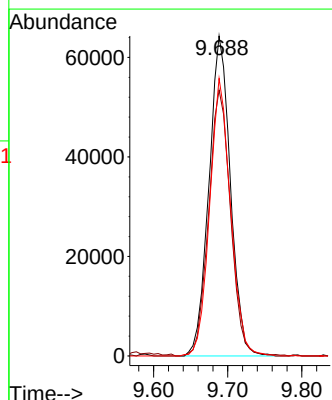
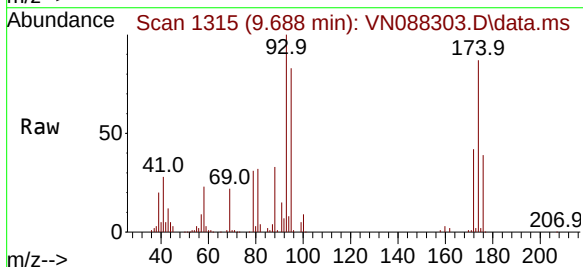
Tgt Ion: 93 Resp: 129748

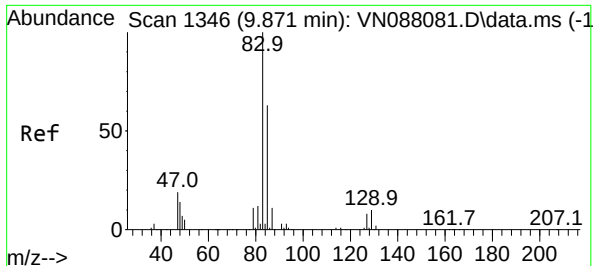
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 84.3 63.4 95.2

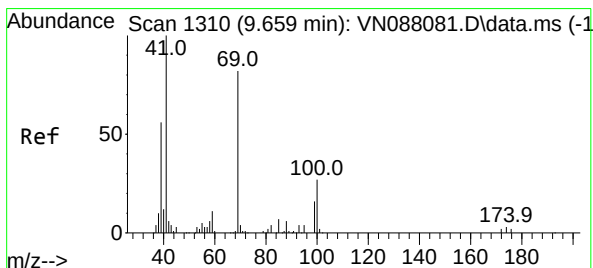
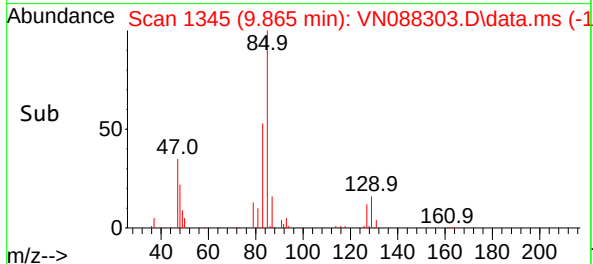
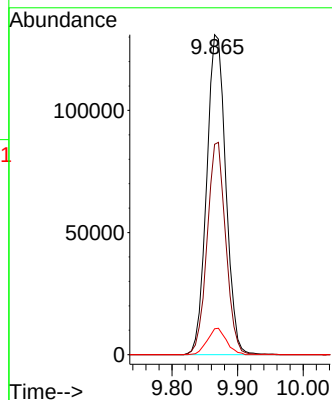
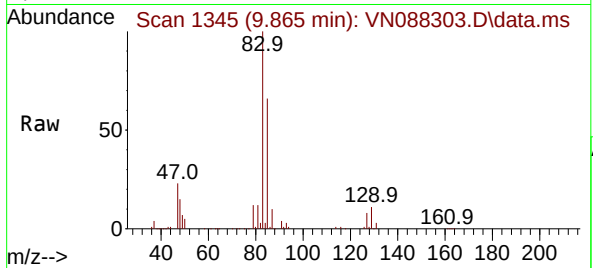




#47
Bromodichloromethane
Concen: 55.579 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

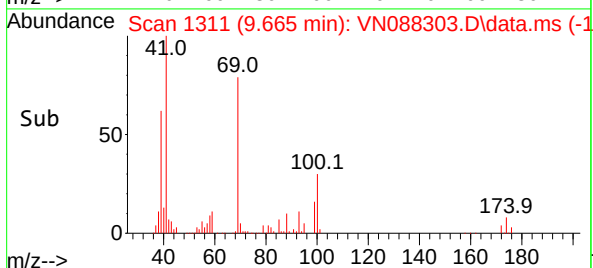
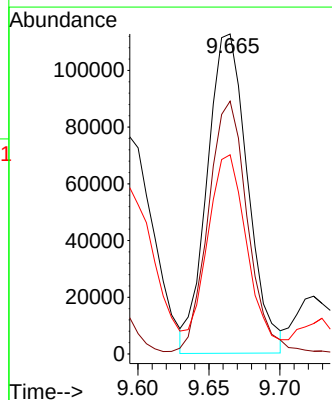
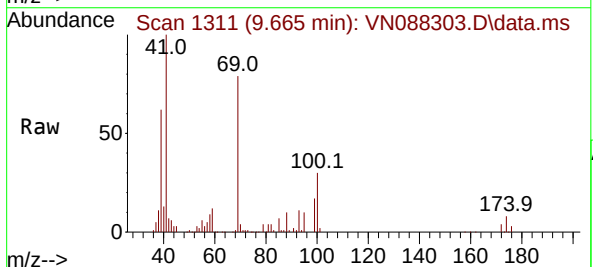
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

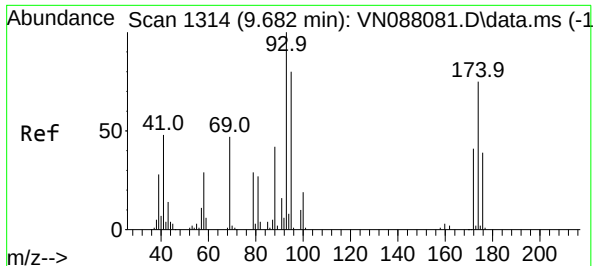
Tgt Ion: 83 Resp: 265811
Ion Ratio Lower Upper
83 100
85 65.8 52.5 78.7
127 8.1 5.8 8.6



#48
Methyl methacrylate
Concen: 56.245 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 41 Resp: 224314
Ion Ratio Lower Upper
41 100
69 77.2 62.7 94.1
39 61.8 52.9 79.3





#49

1,4-Dioxane

Concen: 1148.596 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

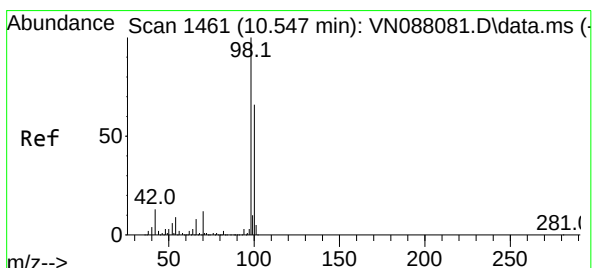
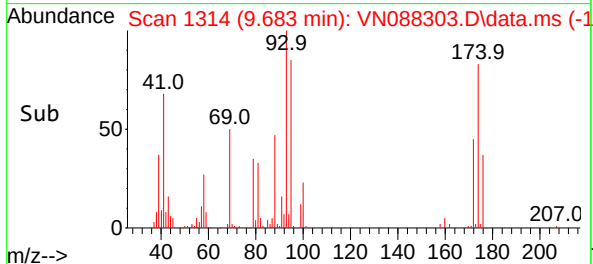
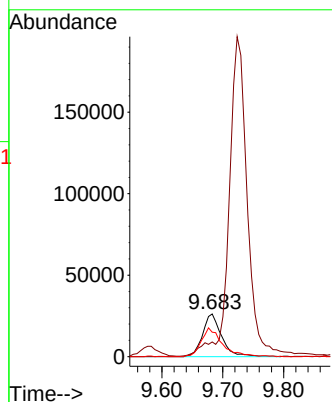
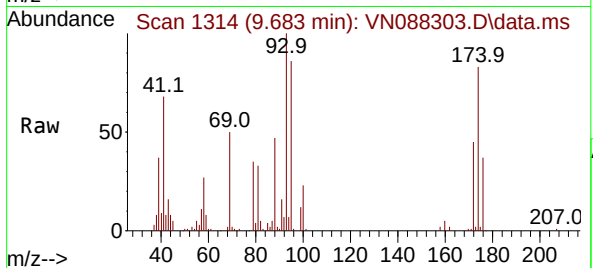
Tgt Ion: 88 Resp: 56973

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.6 57.9 86.9



#50

Toluene-d8

Concen: 42.803 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088303.D

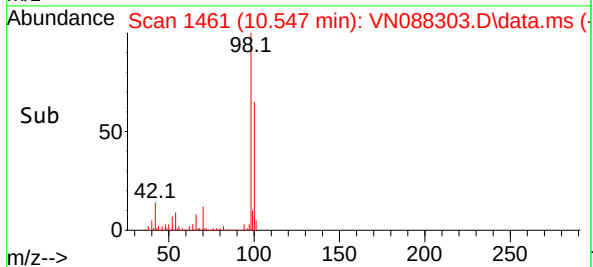
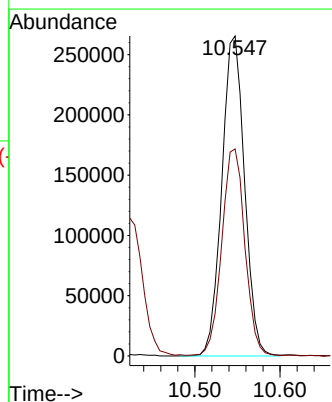
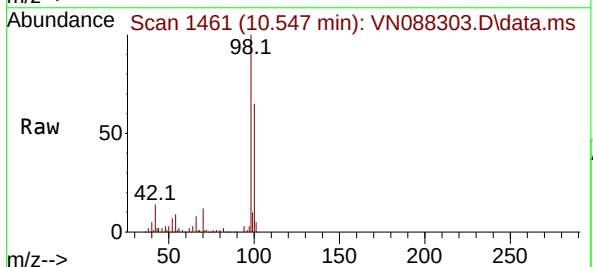
Acq: 17 Nov 2025 15:07

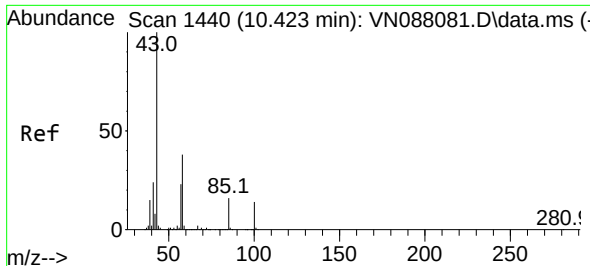
Tgt Ion: 98 Resp: 492054

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2

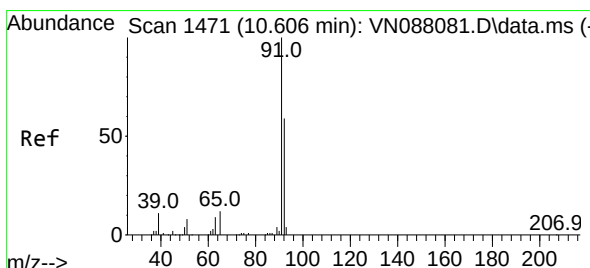
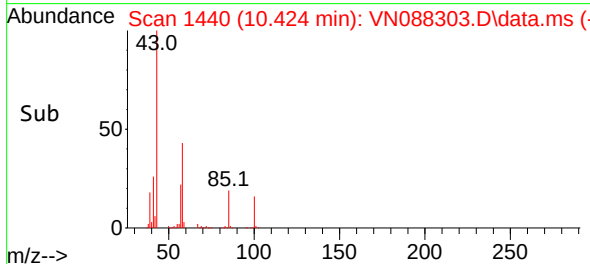
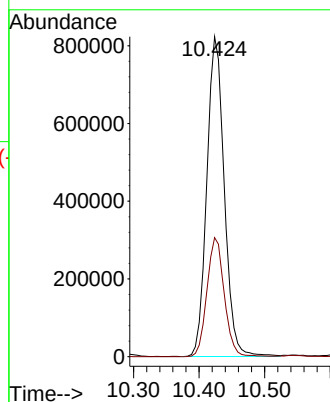
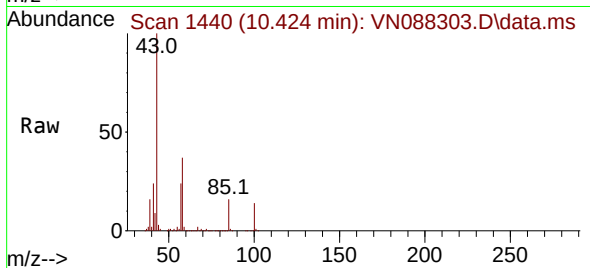




#51
4-Methyl-2-Pentanone
Concen: 298.556 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

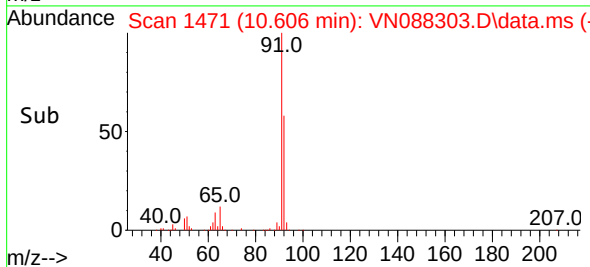
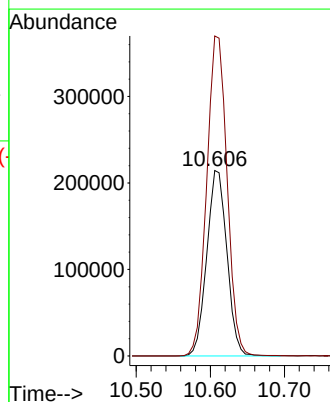
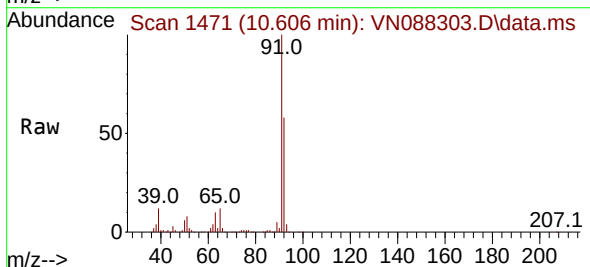
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

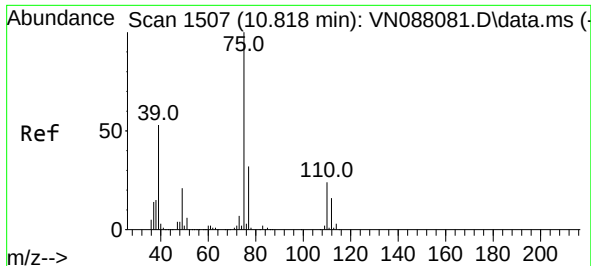
Tgt Ion: 43 Resp: 1525718
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4



#52
Toluene
Concen: 49.482 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 92 Resp: 404739
Ion Ratio Lower Upper
92 100
91 174.6 140.4 210.6

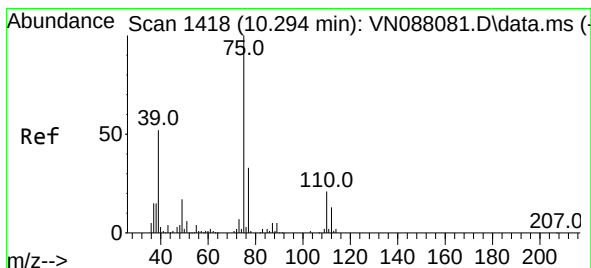
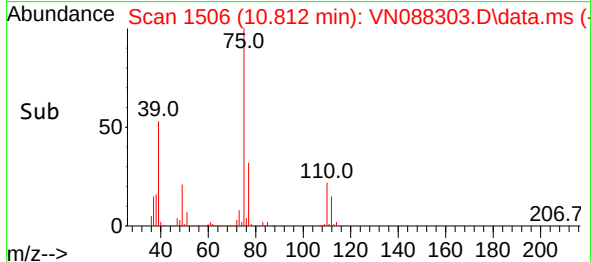
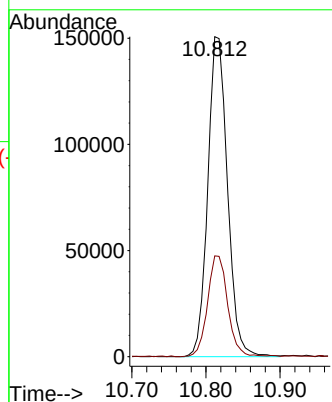
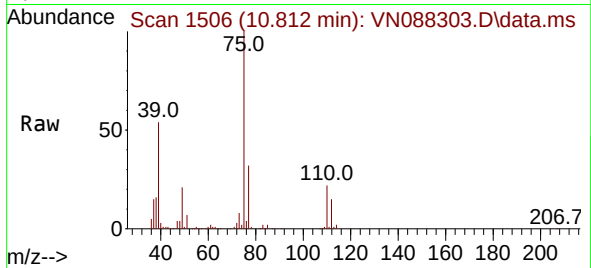




#53
 t-1,3-Dichloropropene
 Concen: 54.698 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

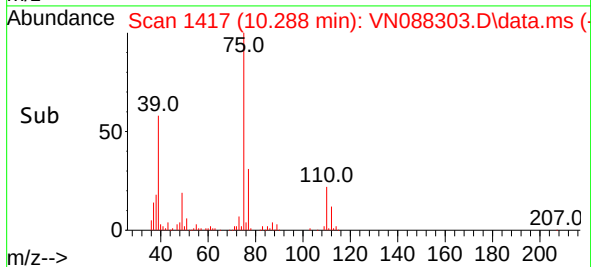
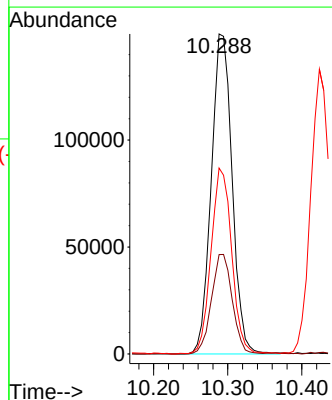
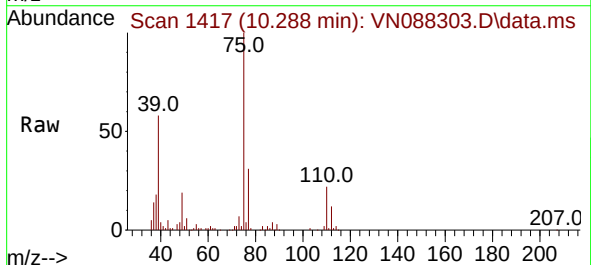
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

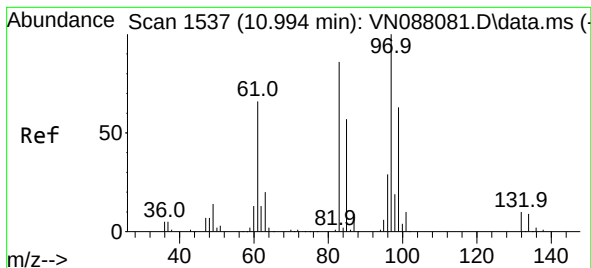
Tgt Ion: 75 Resp: 278423
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.193 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion: 75 Resp: 292717
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 57.9 45.2 67.8

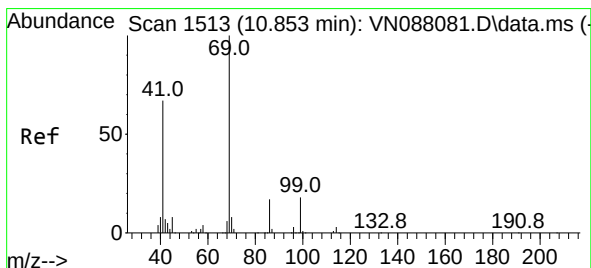
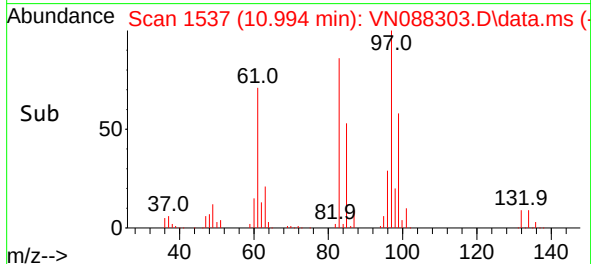
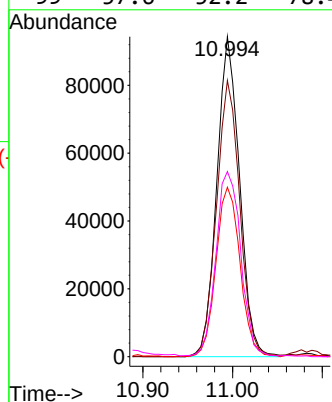
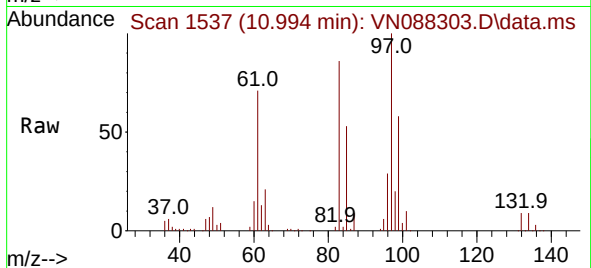




#55
1,1,2-Trichloroethane
Concen: 53.475 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

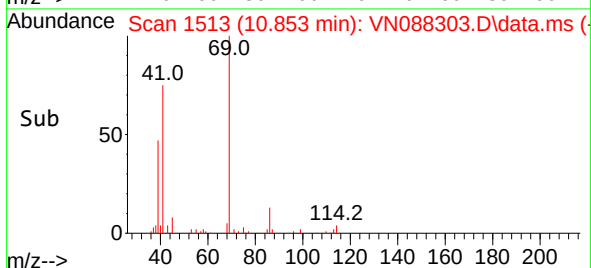
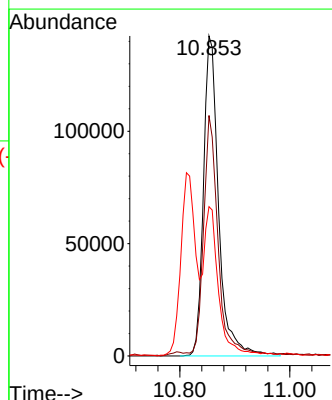
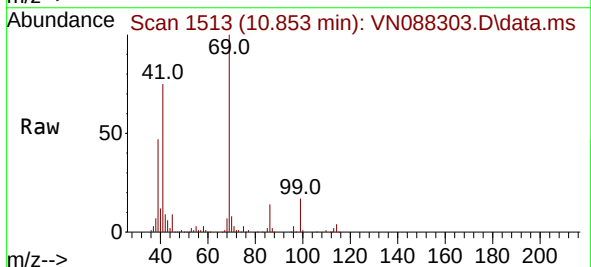
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

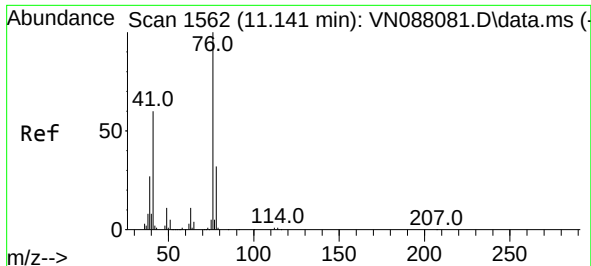
Tgt Ion:	97	Resp:	165945
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.4
85	53.0	45.5	68.3
99	57.6	52.2	78.4



#56
Ethyl methacrylate
Concen: 55.575 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:	69	Resp:	272920
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.5	84.7
39	43.8	34.2	51.4





#57

1,3-Dichloropropane

Concen: 55.251 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

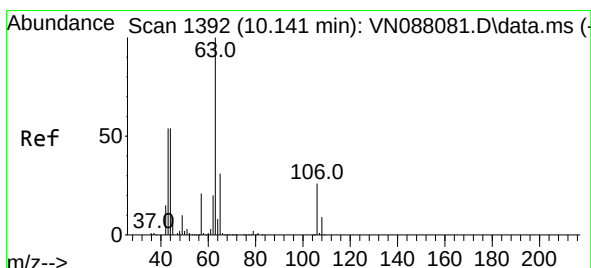
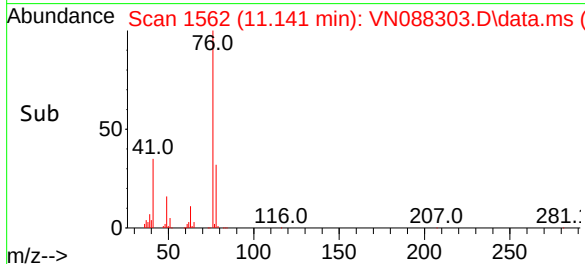
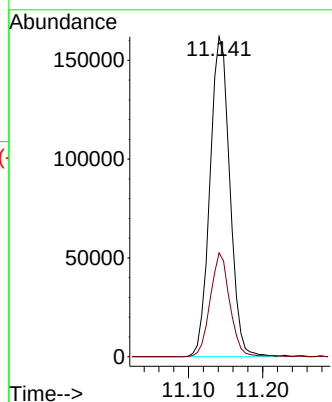
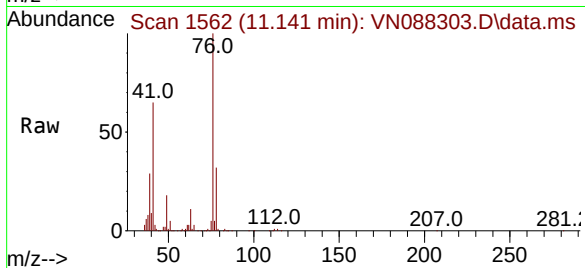
VSTDCCC050EC

Tgt Ion: 76 Resp: 301370

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 318.380 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088303.D

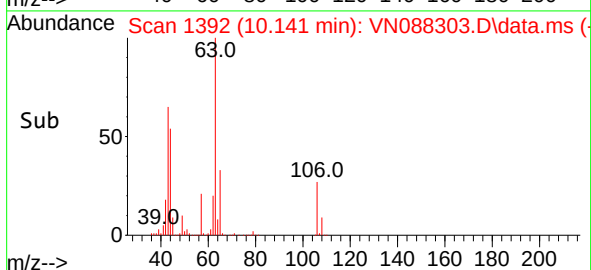
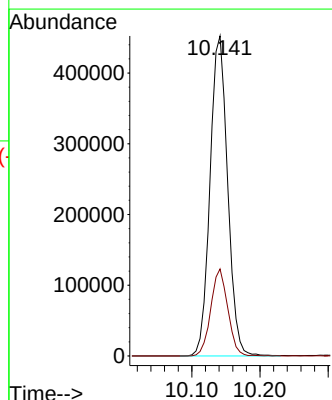
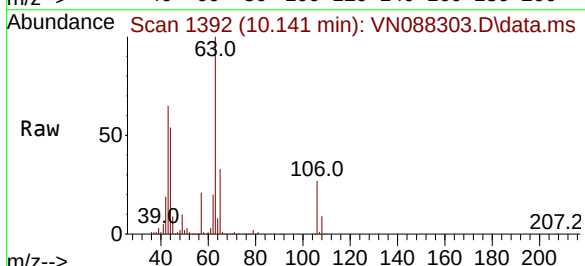
Acq: 17 Nov 2025 15:07

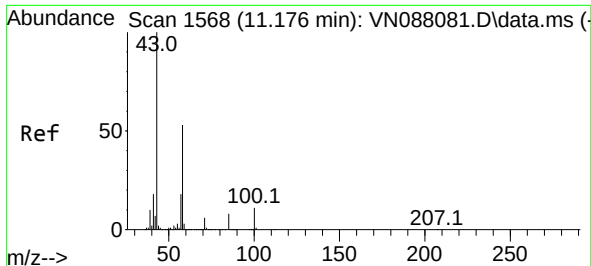
Tgt Ion: 63 Resp: 813279

Ion Ratio Lower Upper

63 100

106 26.2 21.1 31.7

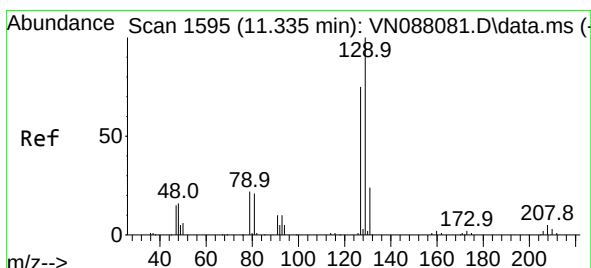
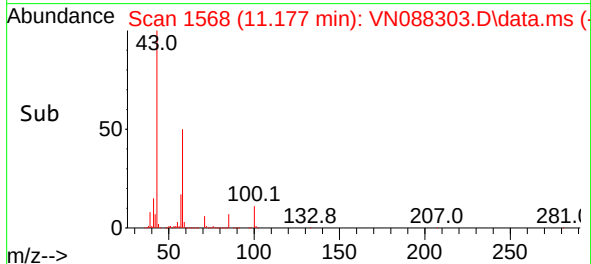
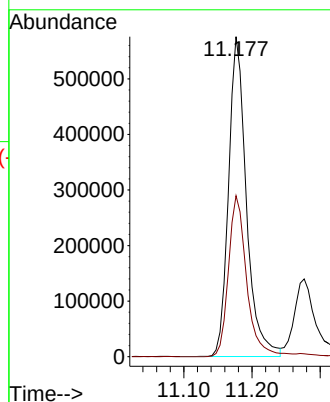
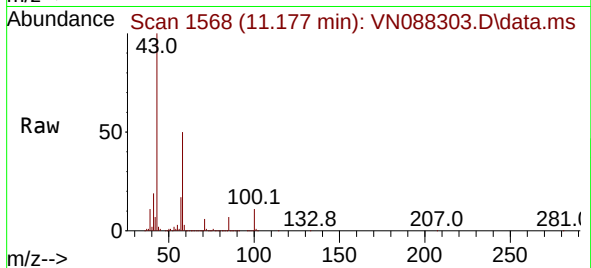




#59
2-Hexanone
Concen: 309.040 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

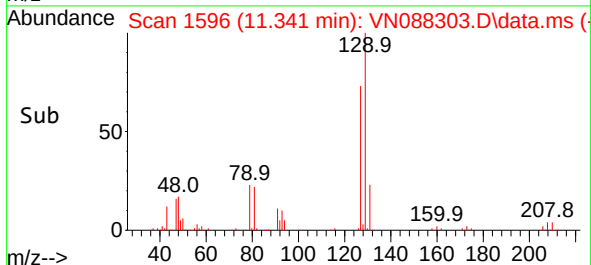
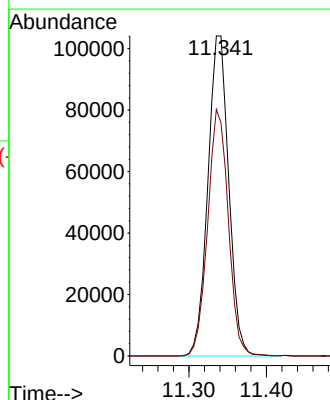
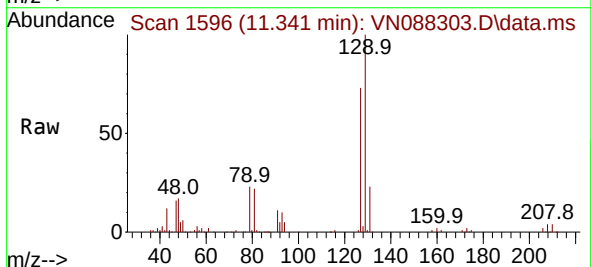
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

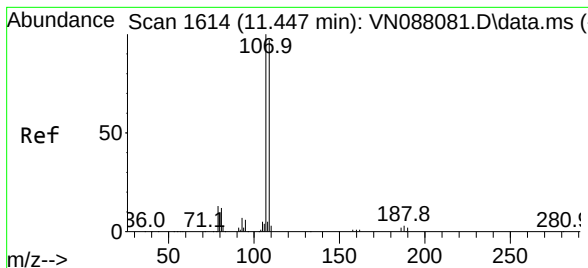
Tgt Ion: 43 Resp: 1047666
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 55.326 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:129 Resp: 195145
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.3

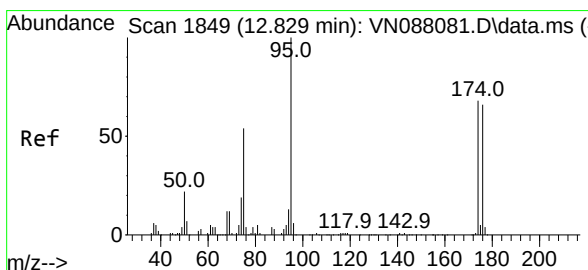
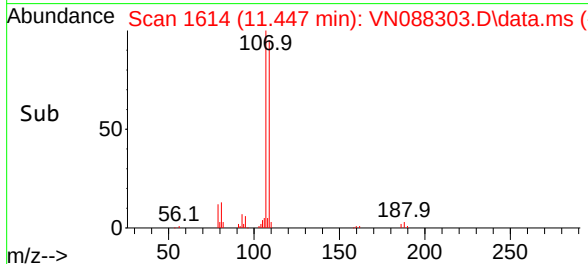
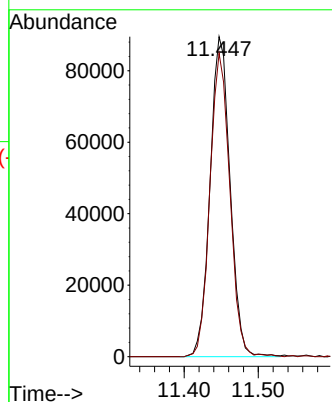
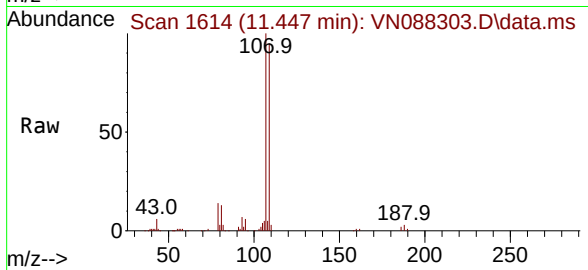




#61
1,2-Dibromoethane
Concen: 52.676 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

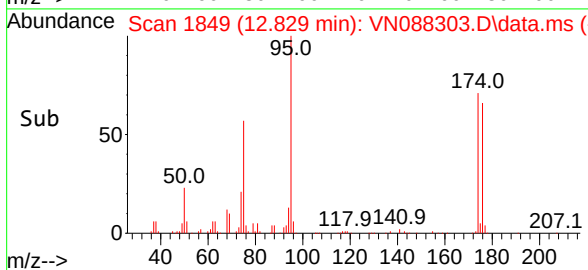
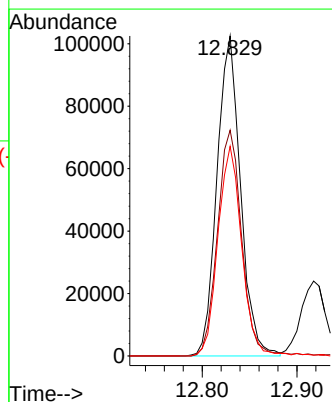
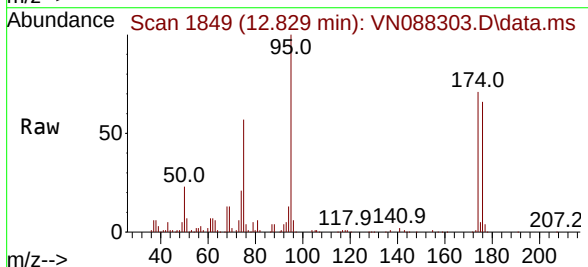
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

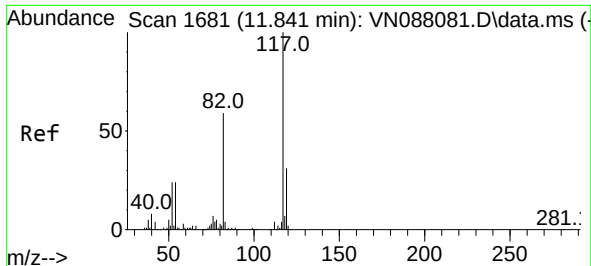
Tgt Ion:107 Resp: 168233
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 43.638 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 95 Resp: 177166
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.4
176 66.1 0.0 132.6

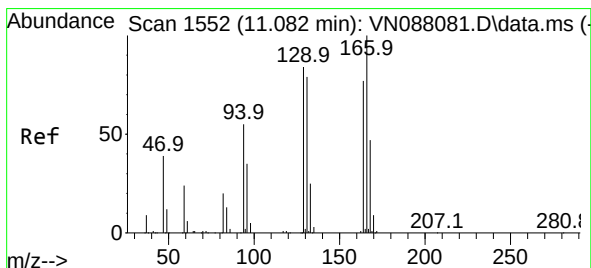
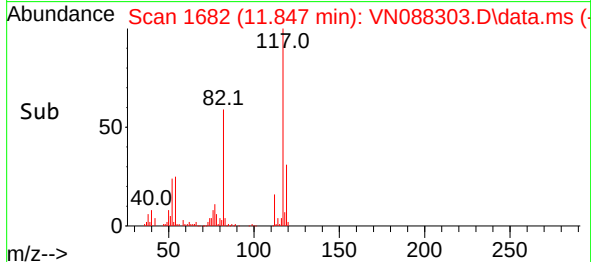
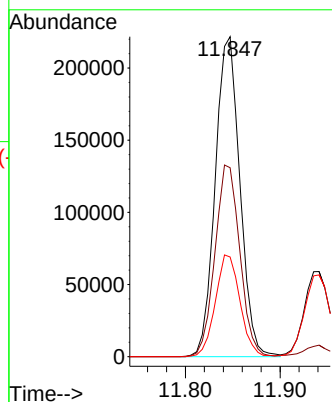
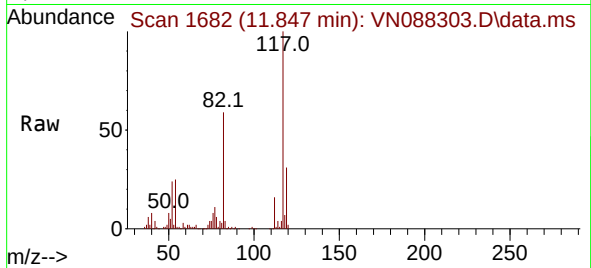




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

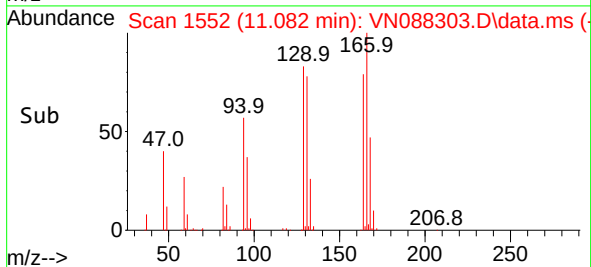
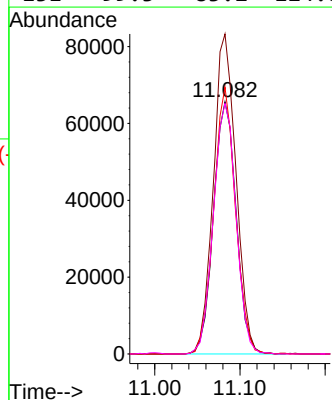
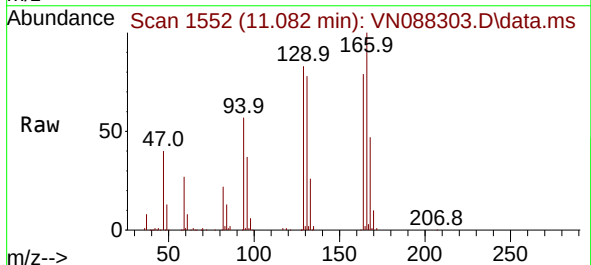
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

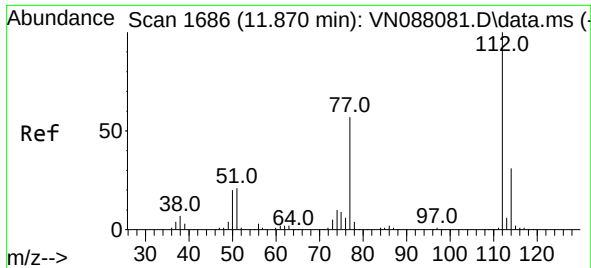
Tgt Ion:117 Resp: 401572
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.2 24.3 36.5



#64
Tetrachloroethene
Concen: 45.645 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:164 Resp: 120905
Ion Ratio Lower Upper
164 100
166 126.9 97.7 146.5
129 105.8 85.9 128.9
131 99.3 83.2 124.8

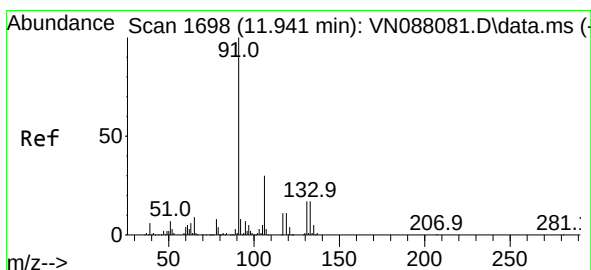
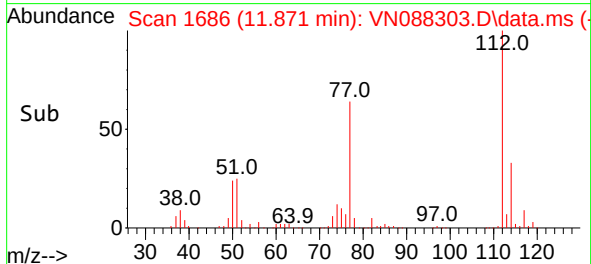
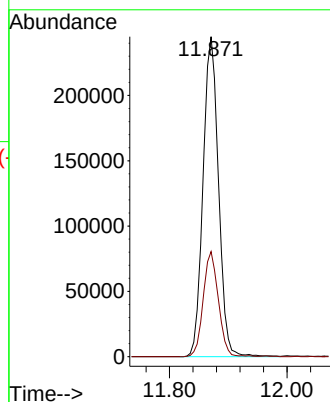
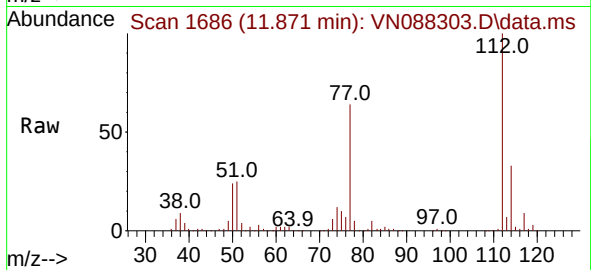




#65
Chlorobenzene
Concen: 49.019 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

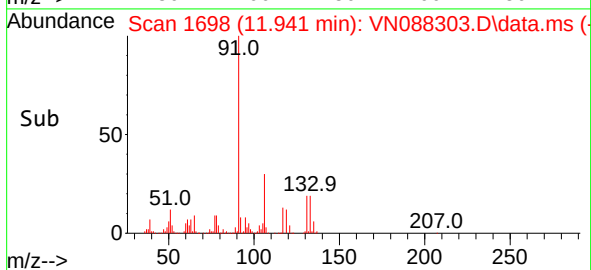
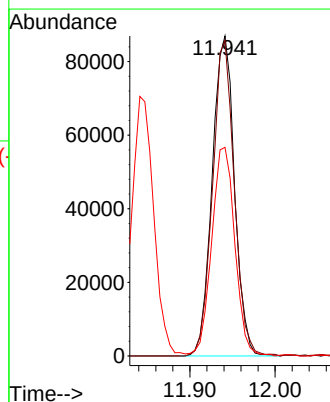
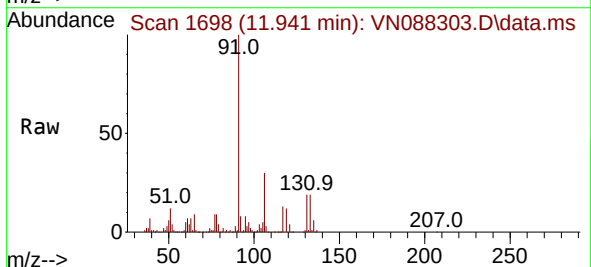
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

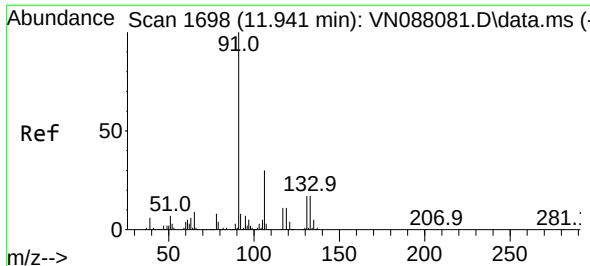
Tgt Ion:112 Resp: 446973
Ion Ratio Lower Upper
112 100
114 32.8 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.756 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:131 Resp: 157603
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 67.7 32.6 97.7





#67

Ethyl Benzene

Concen: 48.037 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

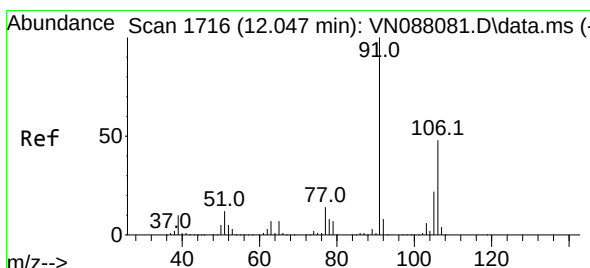
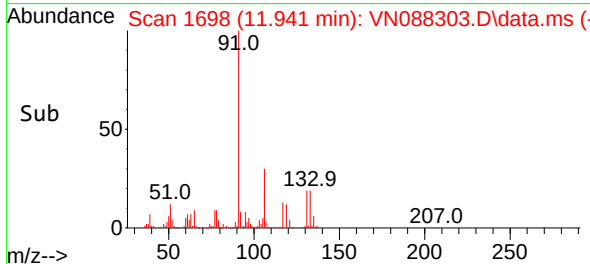
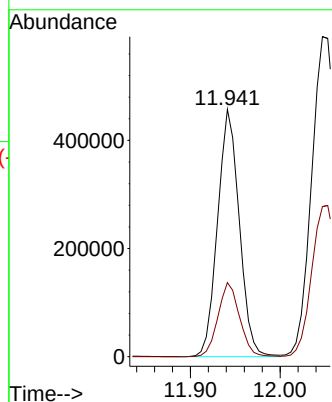
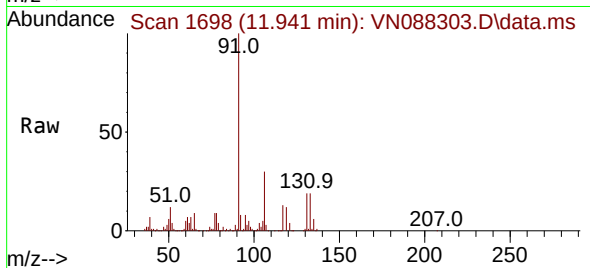
VSTDCCC050EC

Tgt Ion: 91 Resp: 768873

Ion Ratio Lower Upper

91 100

106 30.0 24.1 36.1



#68

m/p-Xylenes

Concen: 95.009 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088303.D

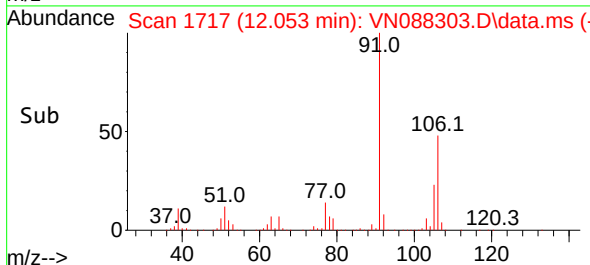
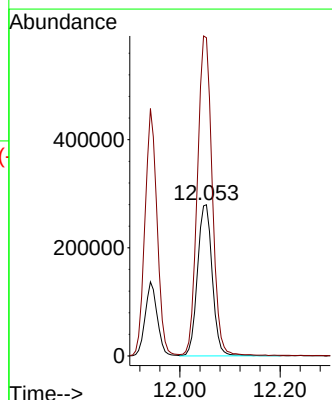
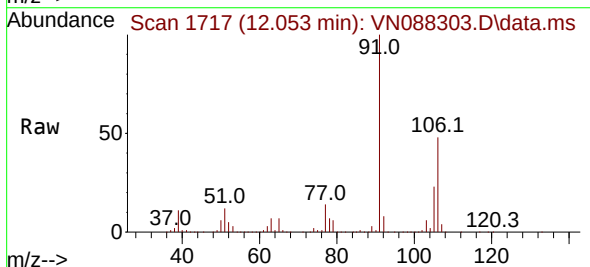
Acq: 17 Nov 2025 15:07

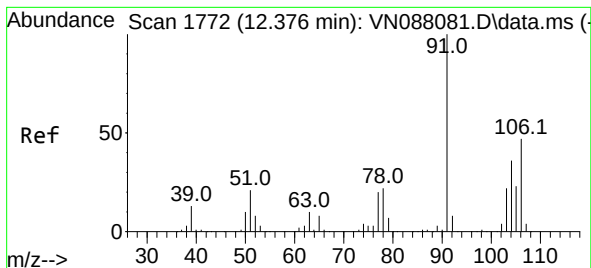
Tgt Ion:106 Resp: 569774

Ion Ratio Lower Upper

106 100

91 211.5 169.3 253.9

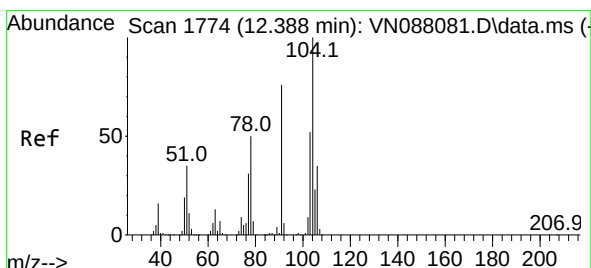
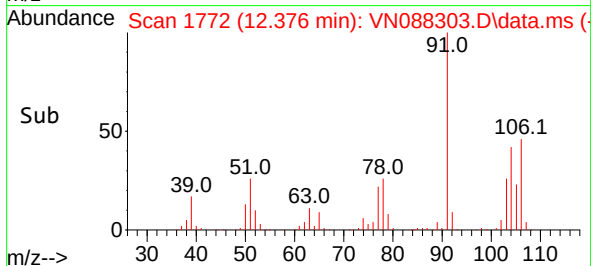
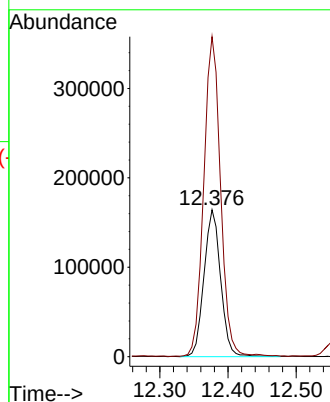
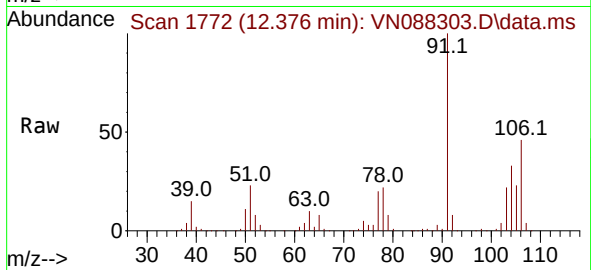




#69
o-Xylene
Concen: 49.153 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

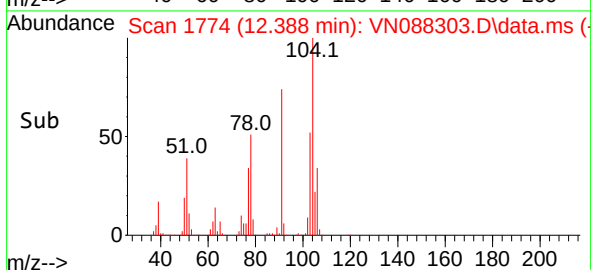
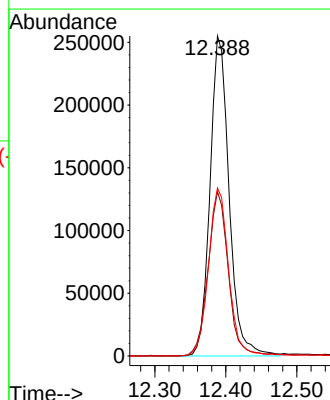
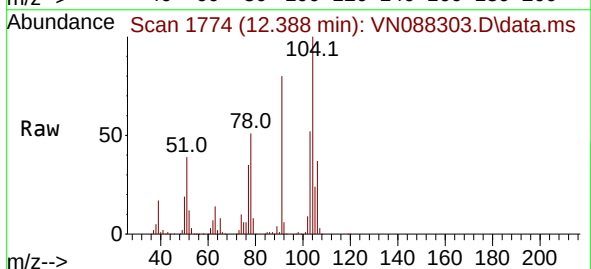
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

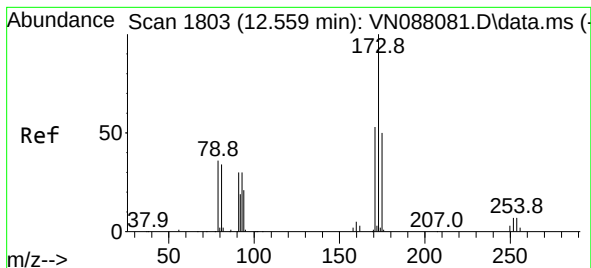
Tgt Ion:106 Resp: 279437
Ion Ratio Lower Upper
106 100
91 219.8 111.4 334.2



#70
Styrene
Concen: 51.368 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:104 Resp: 476204
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 55.7 43.4 65.2





#71

Bromoform

Concen: 55.736 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

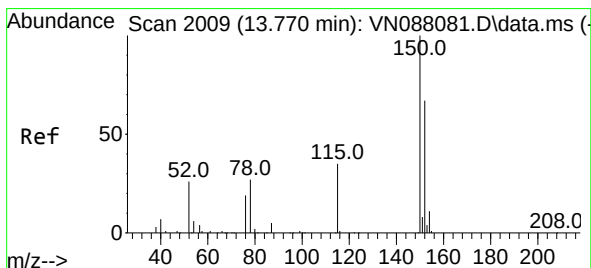
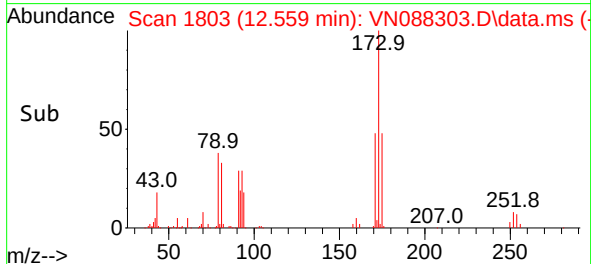
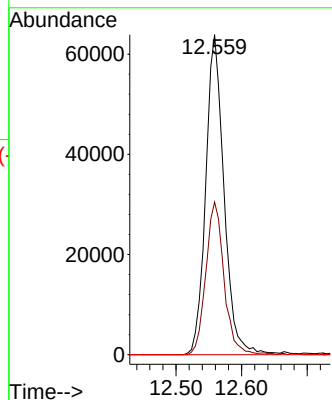
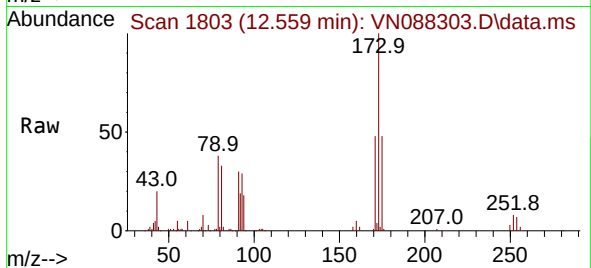
Tgt Ion:173 Resp: 124259

Ion Ratio Lower Upper

173 100

175 47.5 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

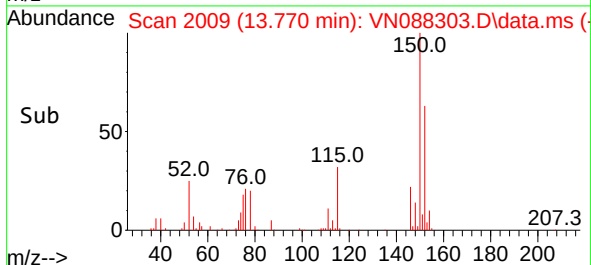
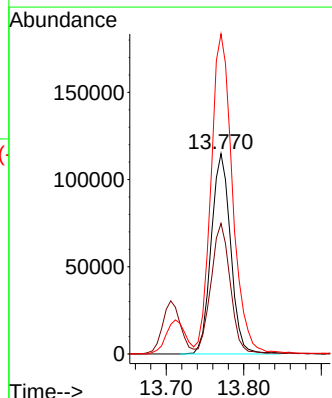
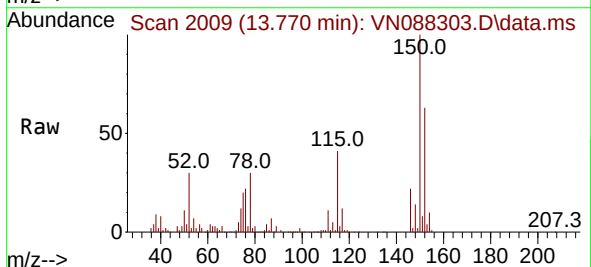
Tgt Ion:152 Resp: 200016

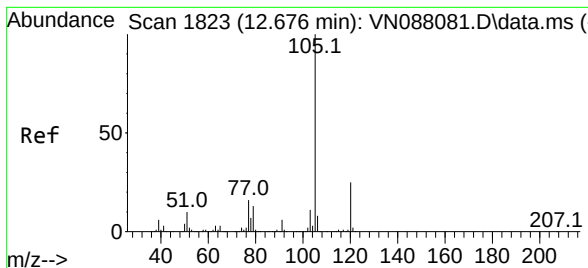
Ion Ratio Lower Upper

152 100

115 64.4 32.3 96.8

150 176.6 0.0 351.0





#73

Isopropylbenzene

Concen: 45.445 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

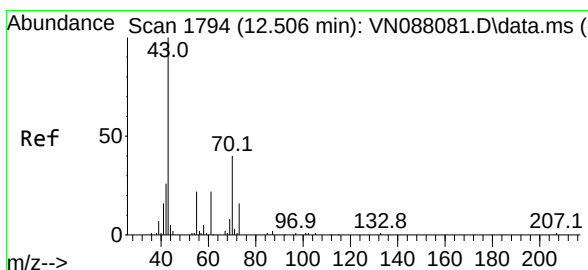
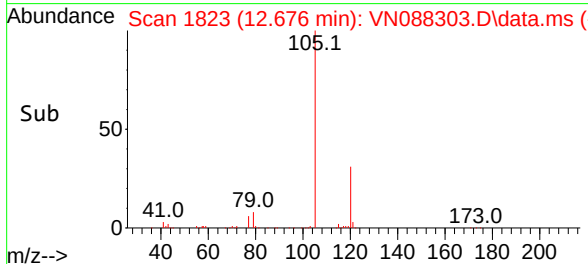
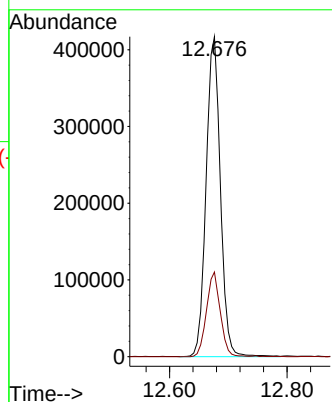
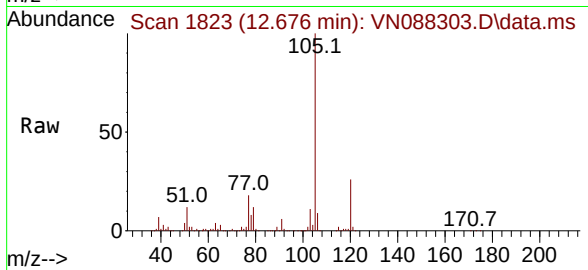
VSTDCCC050EC

Tgt Ion:105 Resp: 701075

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 28.642 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. 0.012 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Tgt Ion: 43 Resp: 125430

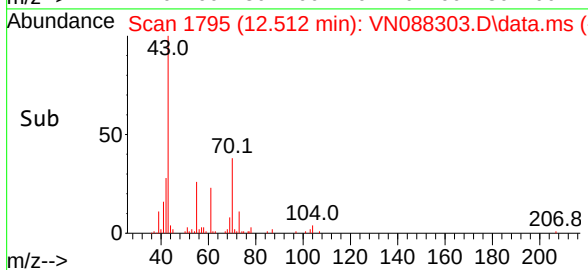
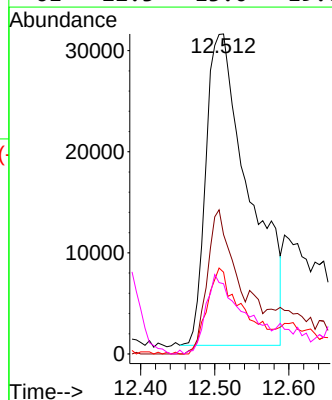
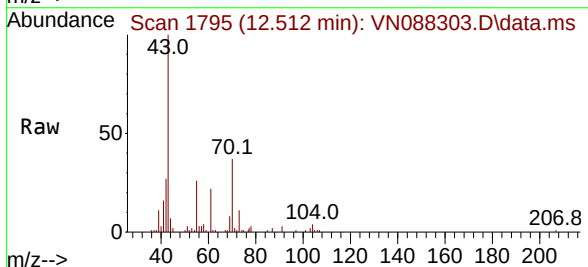
Ion Ratio Lower Upper

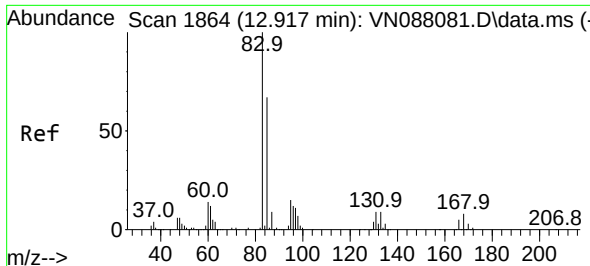
43 100

70 28.7 27.6 41.4

55 23.2 13.0 19.6#

61 22.3 13.0 19.6#

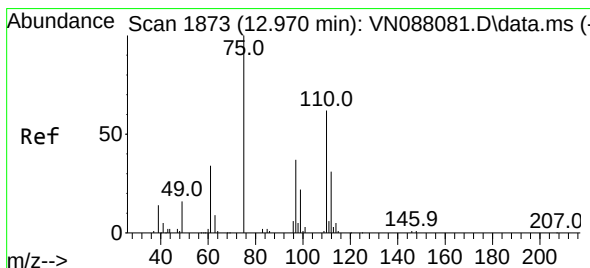
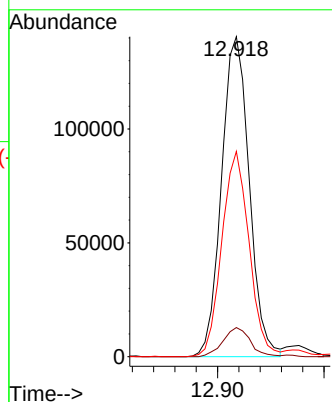
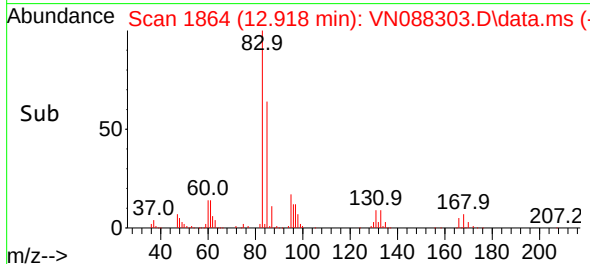
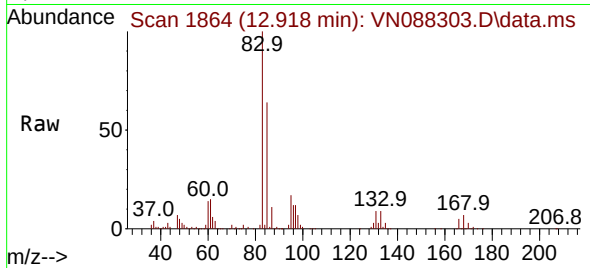




#75
 1,1,2-Tetrachloroethane
 Concen: 52.844 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

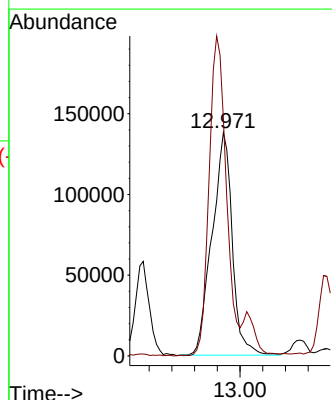
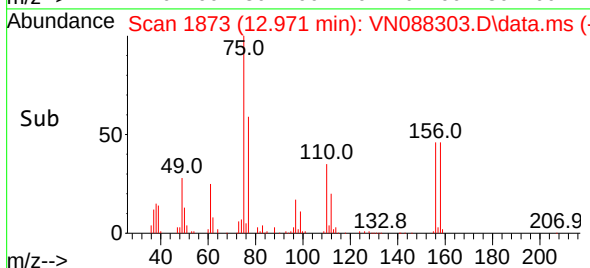
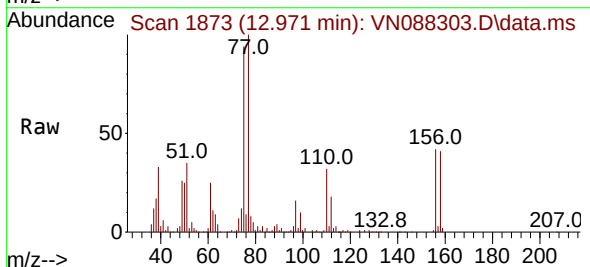
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

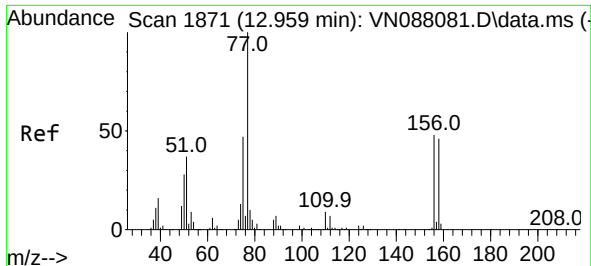
Tgt Ion: 83 Resp: 253802
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.8 14.4
 85 63.1 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 74.633 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion: 75 Resp: 341294
 Ion Ratio Lower Upper
 75 100
 77 121.3 89.1 267.4

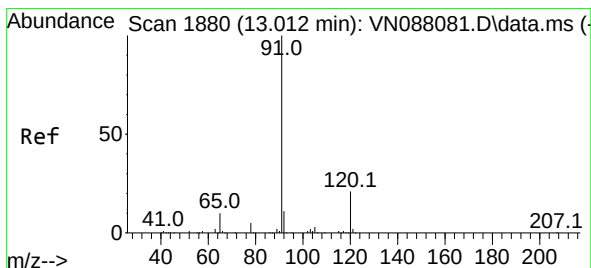
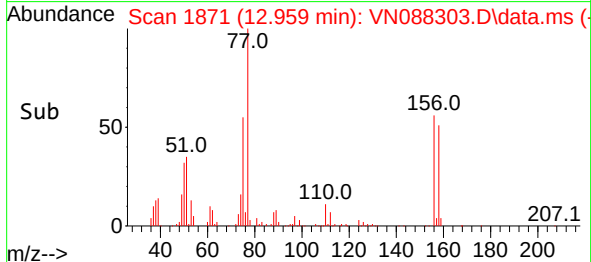
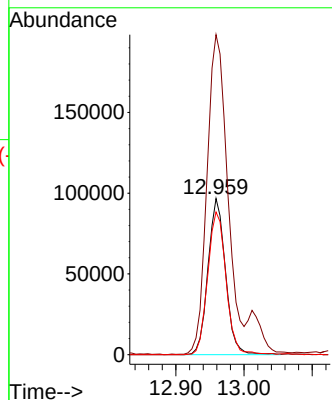
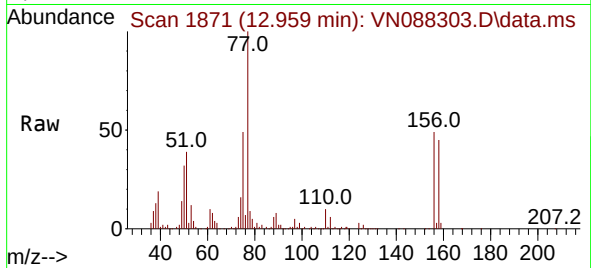




#77
Bromobenzene
Concen: 52.010 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

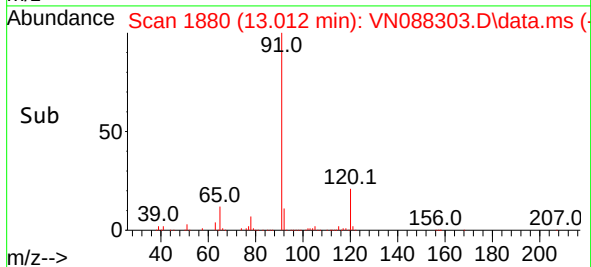
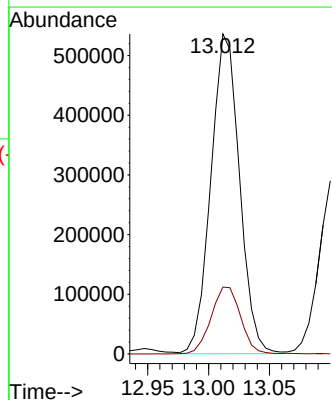
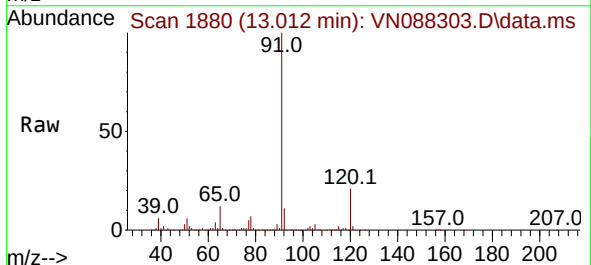
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

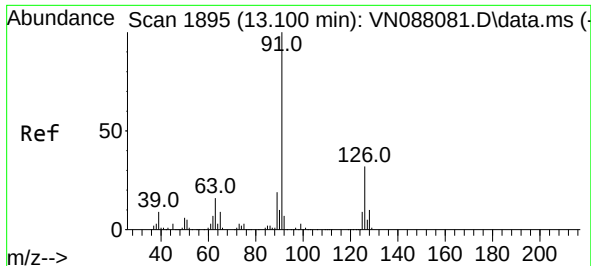
Tgt Ion:156 Resp: 173018
Ion Ratio Lower Upper
156 100
77 239.2 119.3 358.0
158 95.6 48.2 144.6



#78
n-propylbenzene
Concen: 46.620 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 91 Resp: 877662
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1

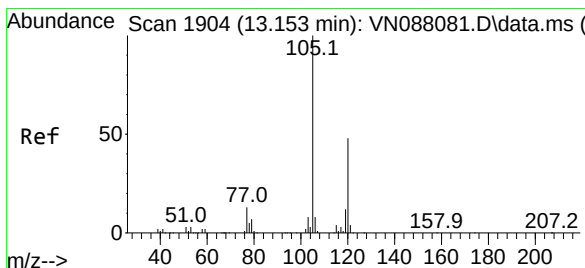
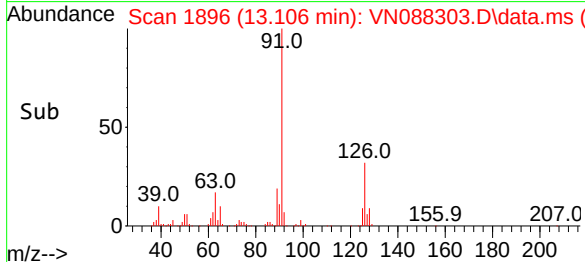
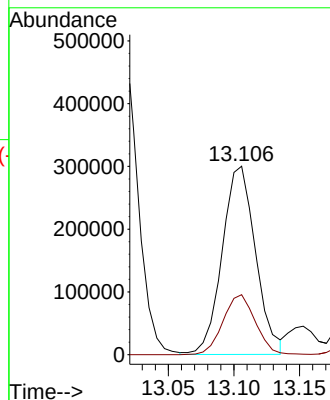
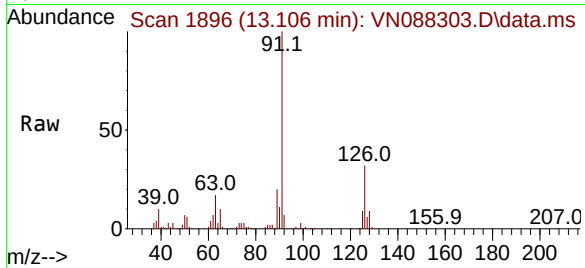




#79
2-Chlorotoluene
Concen: 49.501 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

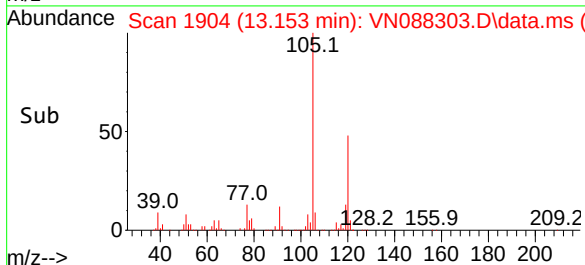
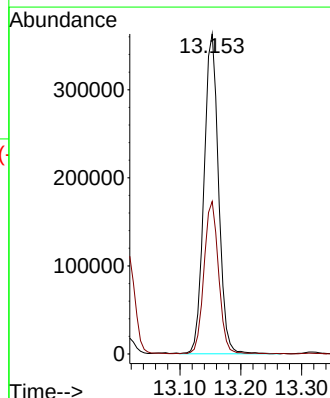
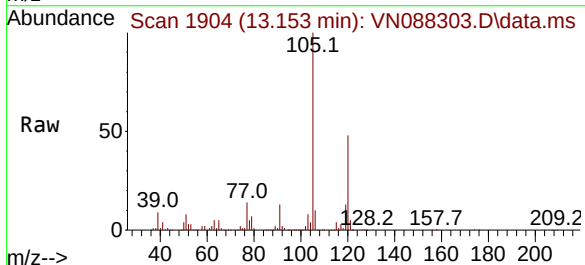
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

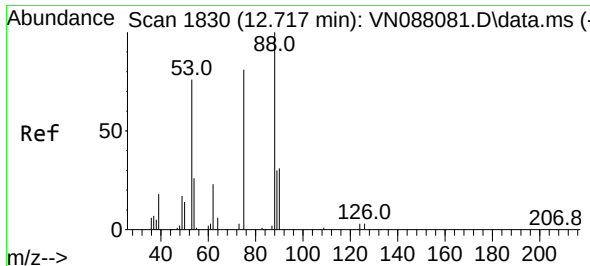
Tgt Ion: 91 Resp: 531444
Ion Ratio Lower Upper
91 100
126 31.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 47.036 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion:105 Resp: 602625
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6

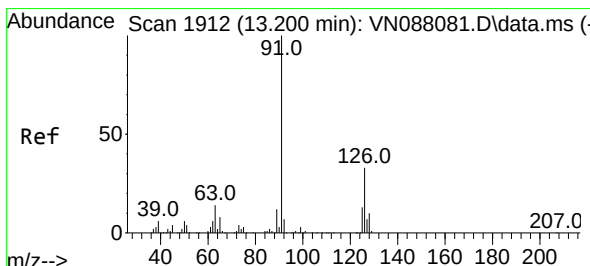
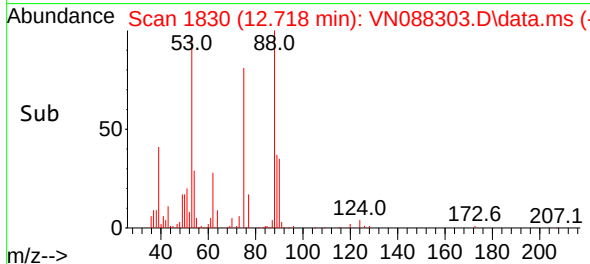
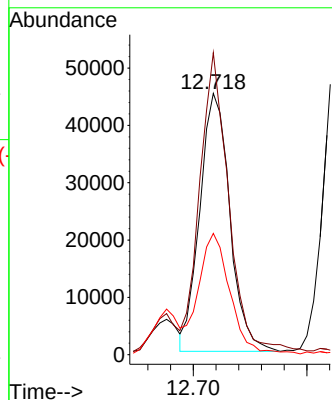
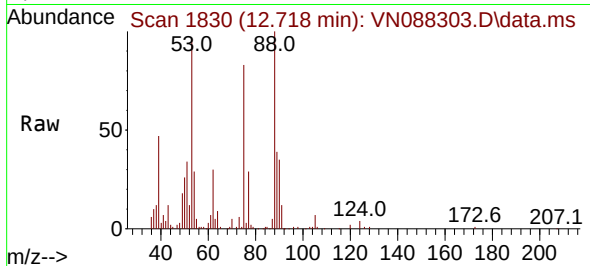




#81
trans-1,4-Dichloro-2-butene
Concen: 50.439 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

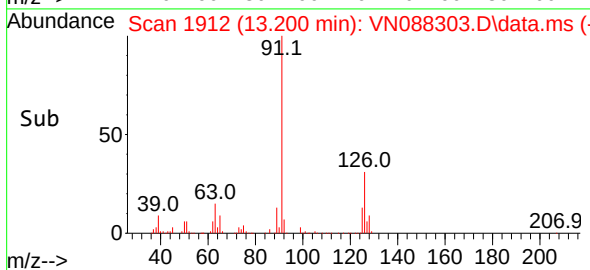
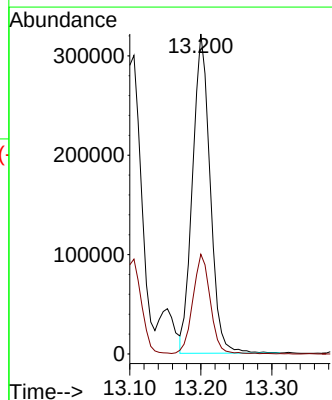
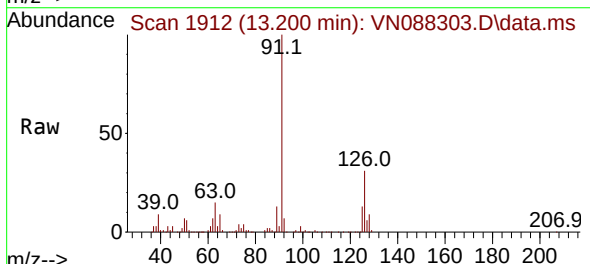
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

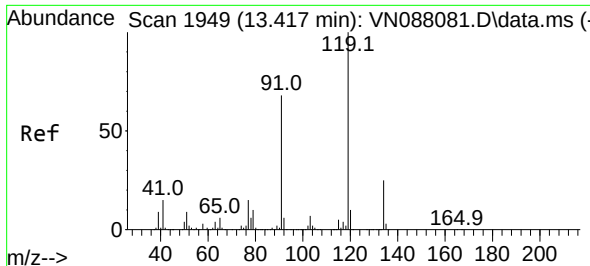
Tgt Ion: 75 Resp: 82686
Ion Ratio Lower Upper
75 100
53 111.2 101.8 152.6
89 49.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 47.655 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088303.D
Acq: 17 Nov 2025 15:07

Tgt Ion: 91 Resp: 553531
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8

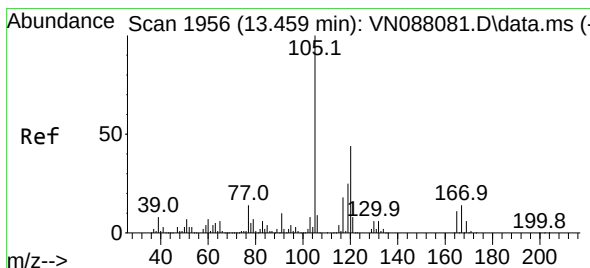
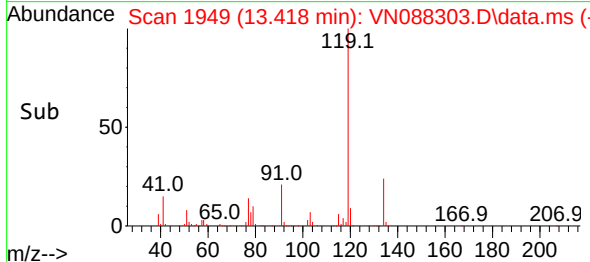
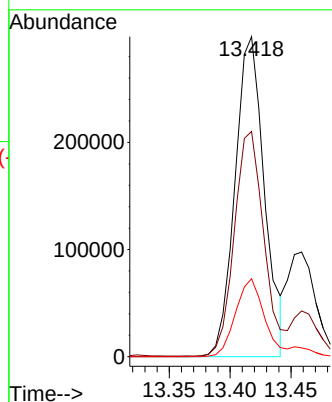
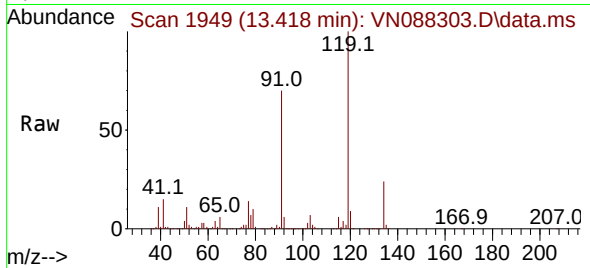




#83
 tert-Butylbenzene
 Concen: 43.836 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

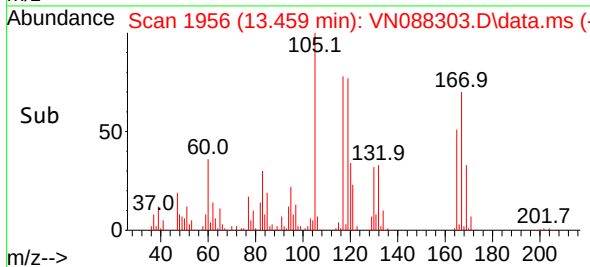
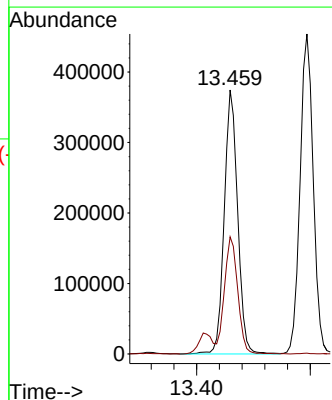
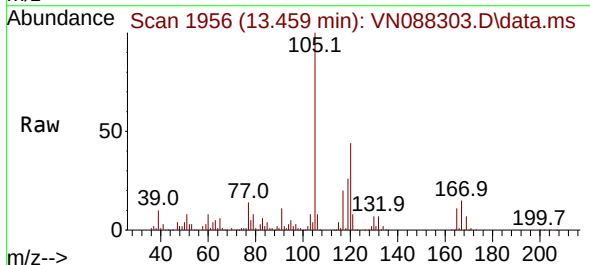
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

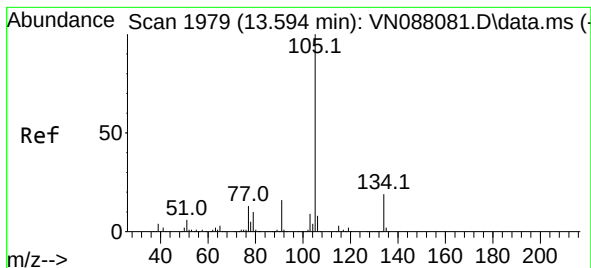
Tgt Ion:119 Resp: 501706
 Ion Ratio Lower Upper
 119 100
 91 71.3 35.0 105.0
 134 23.9 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.025 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion:105 Resp: 615612
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.358 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

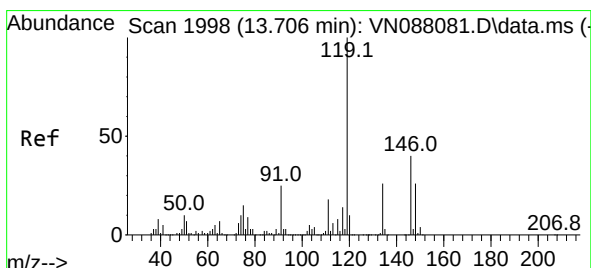
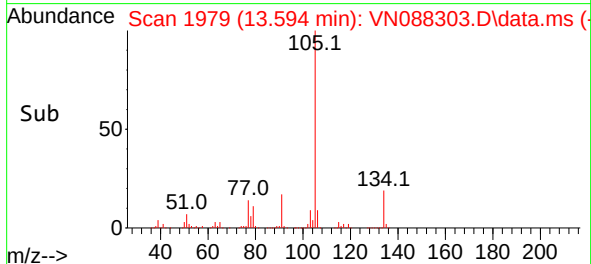
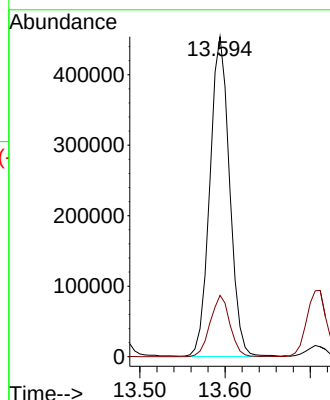
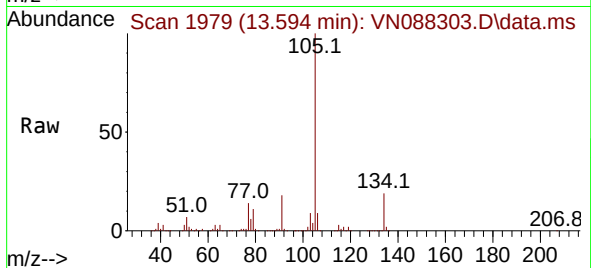
VSTDCCC050EC

Tgt Ion:105 Resp: 729062

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 45.837 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

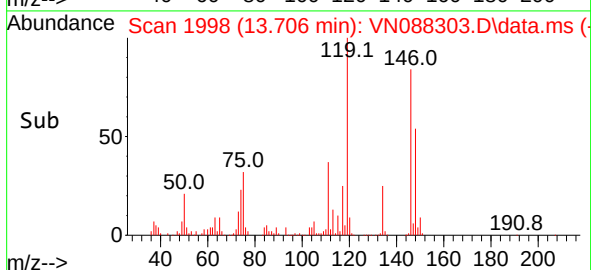
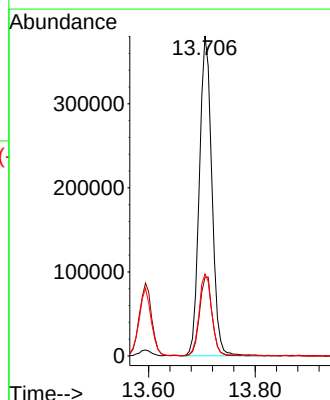
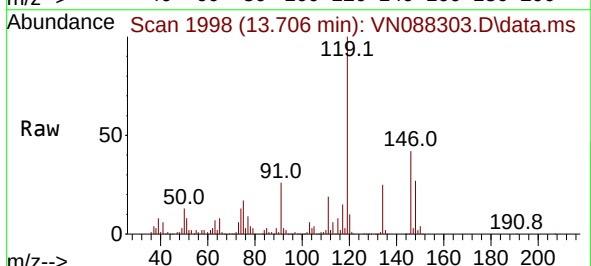
Tgt Ion:119 Resp: 618303

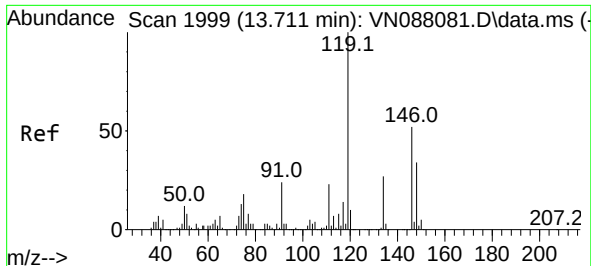
Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 25.6 12.5 37.5

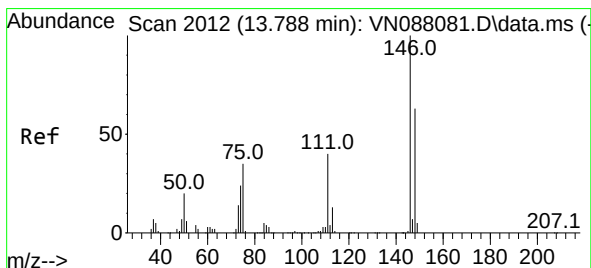
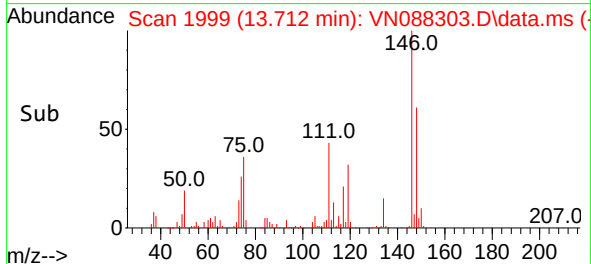
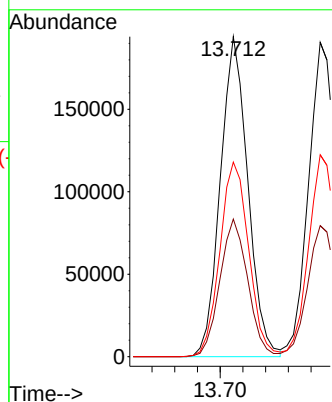
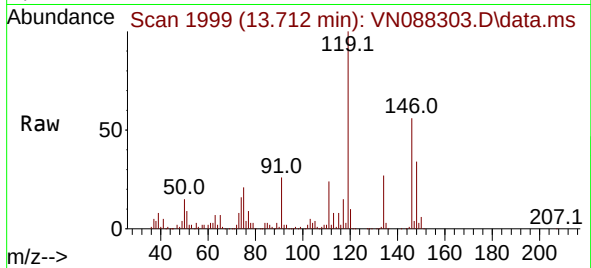




#87
 1,3-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

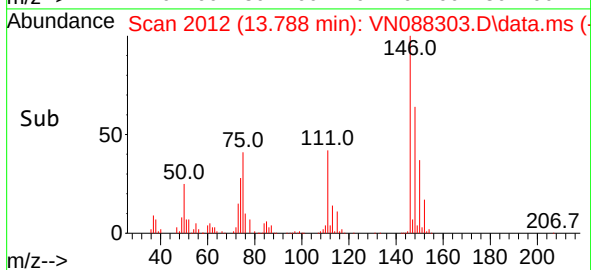
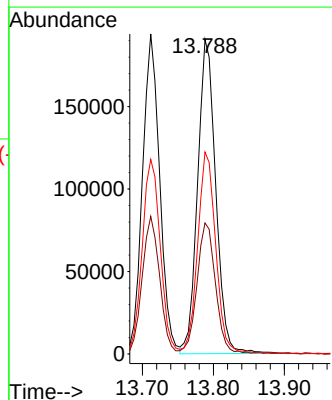
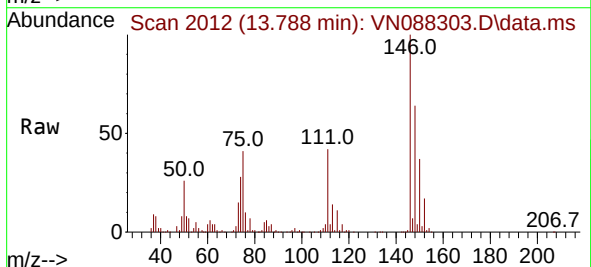
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

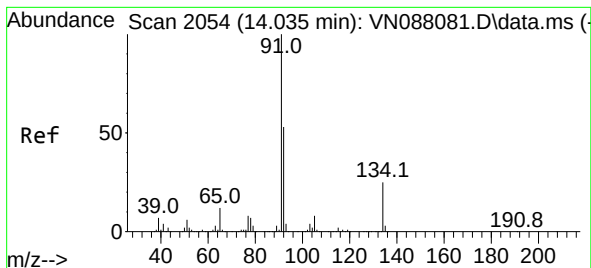
Tgt Ion:146 Resp: 326380
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.1 66.5
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.543 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion:146 Resp: 339104
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.0 63.0
 148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 43.756 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

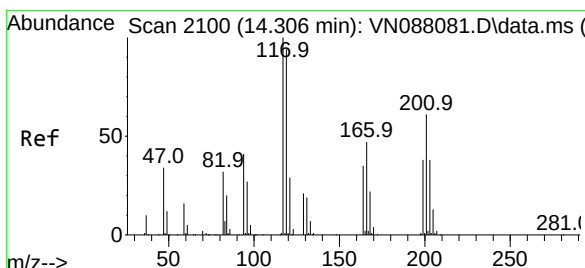
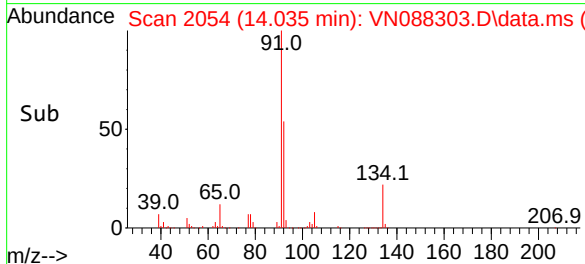
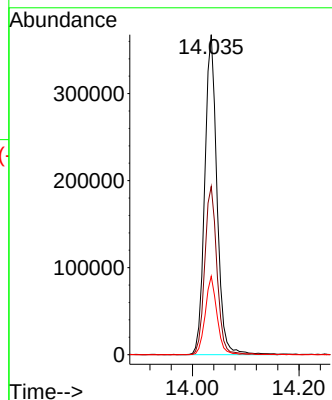
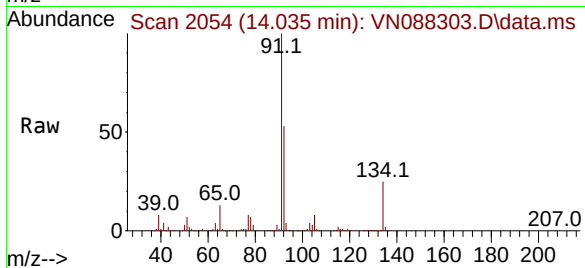
Tgt Ion: 91 Resp: 584641

Ion Ratio Lower Upper

91 100

92 52.5 25.9 77.8

134 23.6 11.7 35.0



#90

Hexachloroethane

Concen: 47.022 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088303.D

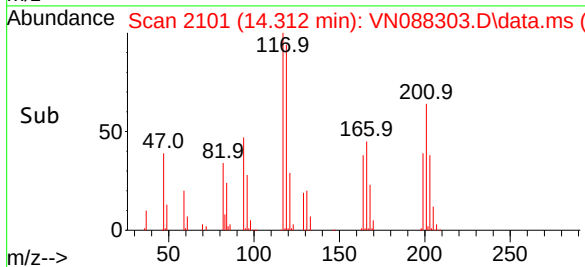
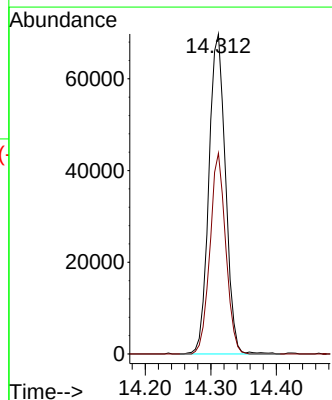
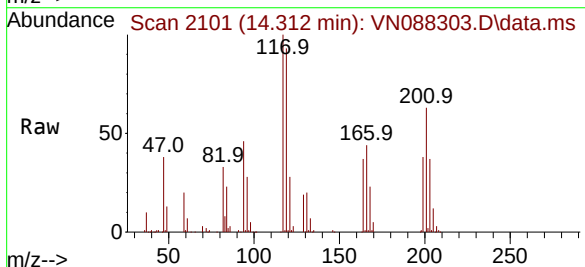
Acq: 17 Nov 2025 15:07

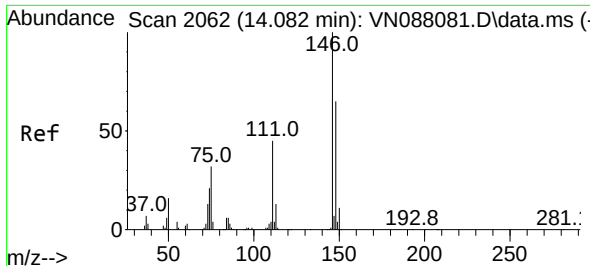
Tgt Ion: 117 Resp: 122829

Ion Ratio Lower Upper

117 100

201 59.5 29.1 87.4

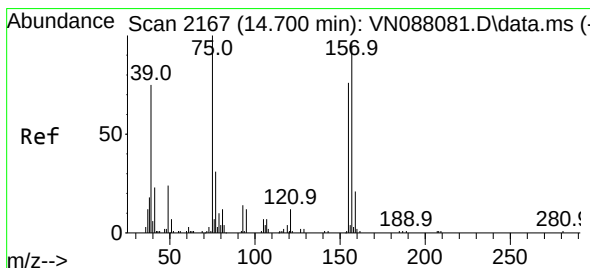
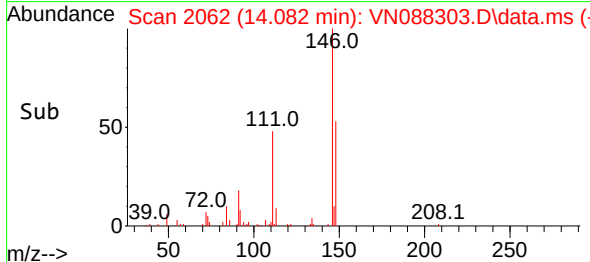
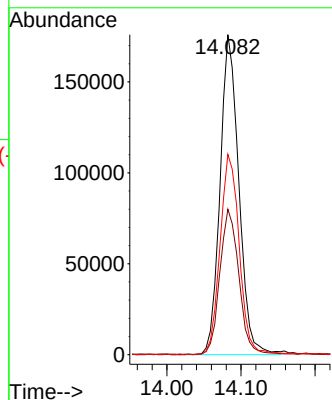
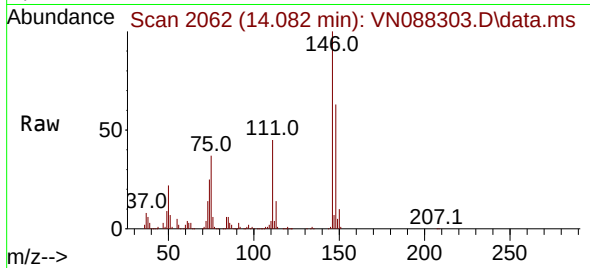




#91
 1,2-Dichlorobenzene
 Concen: 48.381 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

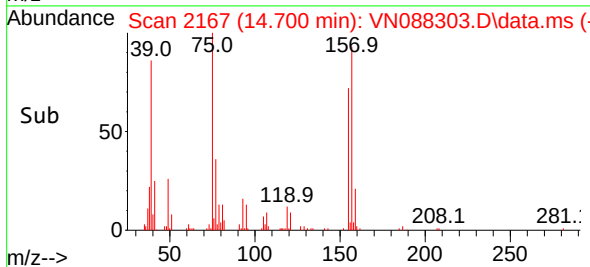
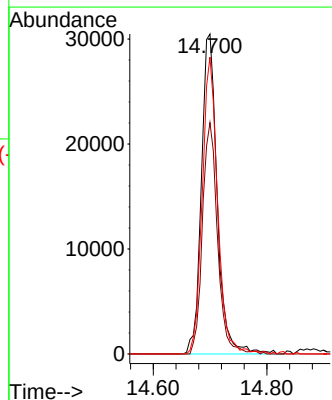
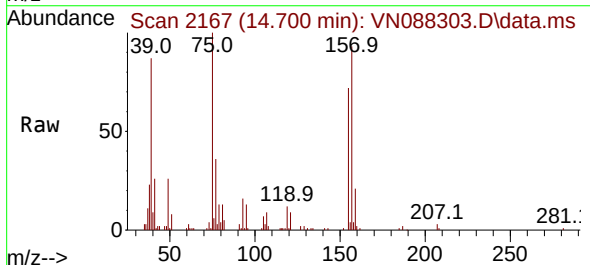
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

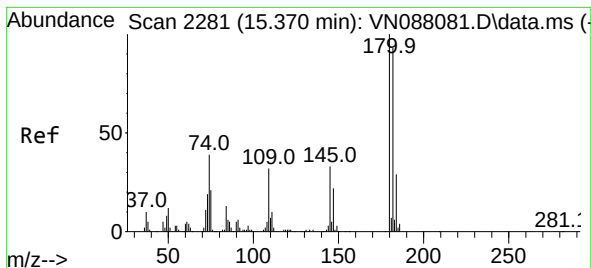
Tgt Ion:146 Resp: 309709
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.6 67.8
 148 64.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.833 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088303.D
 Acq: 17 Nov 2025 15:07

Tgt Ion: 75 Resp: 59061
 Ion Ratio Lower Upper
 75 100
 155 69.1 36.6 109.9
 157 90.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 46.313 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

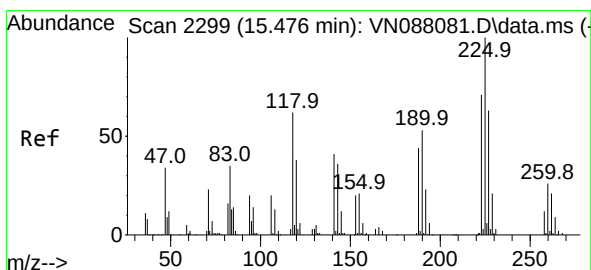
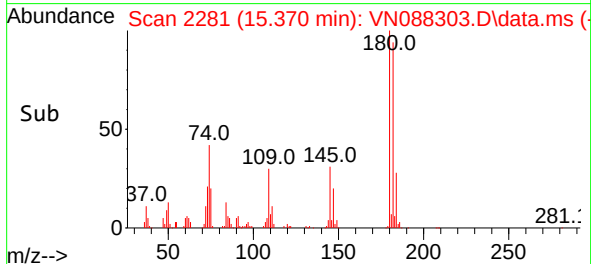
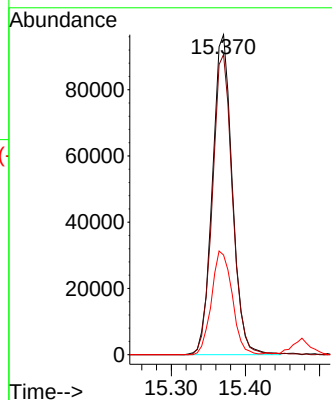
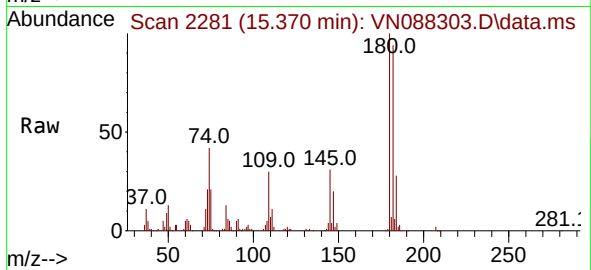
Tgt Ion:180 Resp: 179550

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 33.7 16.5 49.5



#94

Hexachlorobutadiene

Concen: 44.814 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

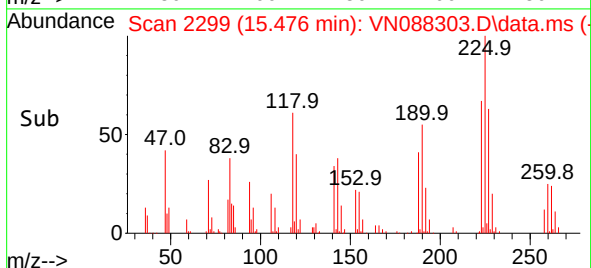
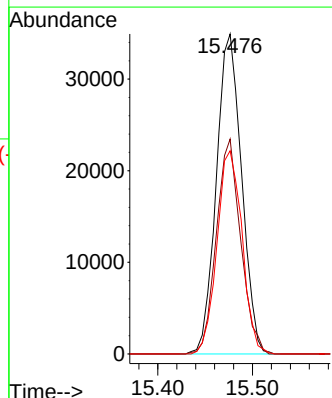
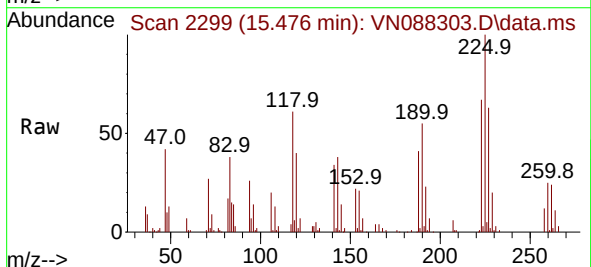
Tgt Ion:225 Resp: 64699

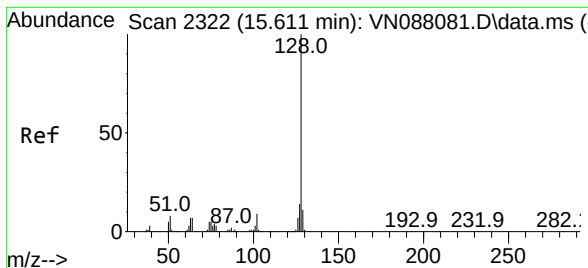
Ion Ratio Lower Upper

225 100

223 64.7 32.0 96.2

227 63.1 32.1 96.5





#95

Naphthalene

Concen: 48.102 ug/l

RT: 15.612 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

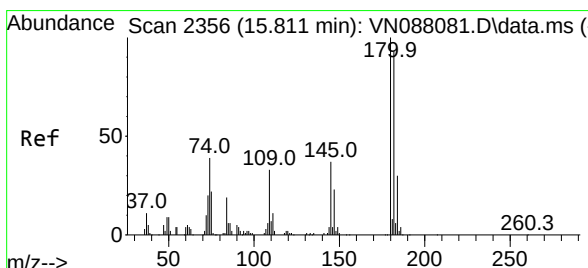
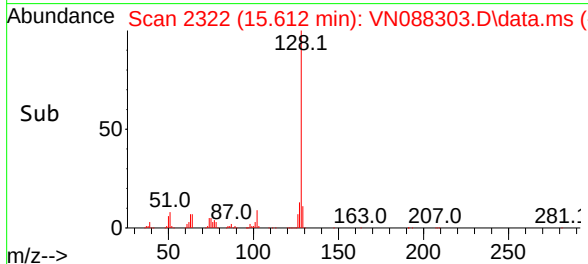
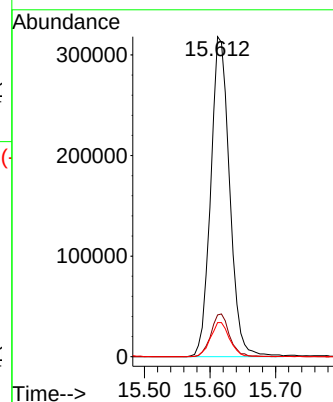
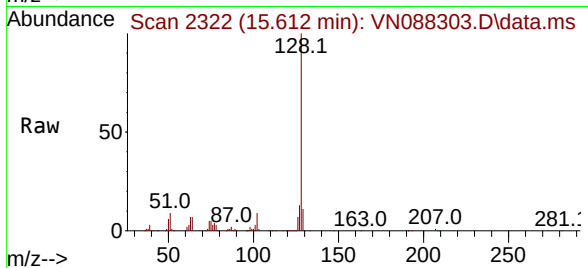
Tgt Ion:128 Resp: 638844

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.169 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088303.D

Acq: 17 Nov 2025 15:07

Tgt Ion:180 Resp: 167905

Ion Ratio Lower Upper

180 100

182 98.5 46.8 140.3

145 38.2 17.3 52.0

