

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087623.D
 Acq On : 21 Aug 2025 14:23
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 22 02:33:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	247255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	481199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	447994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	511669	101.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 202.000%#	
35) Dibromofluoromethane	8.147	113	358663	103.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 206.460%#	
50) Toluene-d8	10.547	98	1354664	104.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 208.360%#	
62) 4-Bromofluorobenzene	12.829	95	494494	106.930	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 213.860%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	384461	109.480	ug/l	97
3) Chloromethane	2.383	50	371688	102.992	ug/l	99
4) Vinyl Chloride	2.536	62	418975	100.128	ug/l	97
5) Bromomethane	2.959	94	230328	106.679	ug/l	97
6) Chloroethane	3.124	64	276071	93.871	ug/l	99
7) Trichlorofluoromethane	3.506	101	606894	98.995	ug/l	100
8) Diethyl Ether	3.959	74	252092	94.419	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	323480	93.250	ug/l	99
10) Methyl Iodide	4.577	142	277692	99.335	ug/l	96
11) Tert butyl alcohol	5.530	59	430345	489.322	ug/l	99
12) 1,1-Dichloroethene	4.330	96	329881	92.539	ug/l	95
13) Acrolein	4.171	56	484654	448.258	ug/l	100
14) Allyl chloride	5.012	41	597335	92.467	ug/l	99
15) Acrylonitrile	5.706	53	1204622	485.671	ug/l	99
16) Acetone	4.424	43	1195609	433.545	ug/l	99
17) Carbon Disulfide	4.700	76	957812	97.598	ug/l	98
18) Methyl Acetate	5.012	43	552409	95.669	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	1306892	97.726	ug/l	98
20) Methylene Chloride	5.259	84	385191	97.752	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	364392	94.317	ug/l	95
22) Diisopropyl ether	6.659	45	1368059	98.135	ug/l	98
23) Vinyl Acetate	6.588	43	6369332	502.195	ug/l	98
24) 1,1-Dichloroethane	6.553	63	719127	94.084	ug/l	98
25) 2-Butanone	7.471	43	1730205	476.881	ug/l	98
26) 2,2-Dichloropropane	7.471	77	631604	96.278	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	449130	97.241	ug/l	100
28) Bromochloromethane	7.794	49	369878	100.097	ug/l	99
29) Tetrahydrofuran	7.824	42	1140137	488.295	ug/l	100
30) Chloroform	7.947	83	751186	96.286	ug/l	97
31) Cyclohexane	8.235	56	593829	93.193	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	625473	94.602	ug/l	98
36) 1,1-Dichloropropene	8.353	75	502476	94.275	ug/l	99
37) Ethyl Acetate	7.547	43	703230	96.555	ug/l	99
38) Carbon Tetrachloride	8.341	117	528406	100.412	ug/l	93
39) Methylcyclohexane	9.582	83	574374	97.883	ug/l	98
40) Benzene	8.588	78	1577387	96.490	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	369145	97.845	ug/l	99
42) 1,2-Dichloroethane	8.653	62	600726	95.625	ug/l	99
43) Isopropyl Acetate	8.671	43	1142494	100.474	ug/l	99
44) Trichloroethene	9.329	130	353426	94.694	ug/l	99
45) 1,2-Dichloropropane	9.600	63	399209	92.644	ug/l	99
46) Dibromomethane	9.688	93	298076	97.207	ug/l	99
47) Bromodichloromethane	9.871	83	613683	97.651	ug/l	95
48) Methyl methacrylate	9.665	41	543991	101.141	ug/l	99
49) 1,4-Dioxane	9.682	88	148991	2137.188	ug/l #	99
51) 4-Methyl-2-Pentanone	10.423	43	3455510	503.673	ug/l	99
52) Toluene	10.612	92	998331	98.507	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	672690	103.410	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	686982	101.709	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	385129	98.234	ug/l	96
56) Ethyl methacrylate	10.853	69	688119	109.827	ug/l	99
57) 1,3-Dichloropropane	11.141	76	681646	98.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1799387	530.602	ug/l	99
59) 2-Hexanone	11.176	43	2445031	563.903	ug/l	100
60) Dibromochloromethane	11.335	129	447781	98.572	ug/l	100
61) 1,2-Dibromoethane	11.447	107	412721	99.836	ug/l	98
64) Tetrachloroethene	11.082	164	282055	90.747	ug/l	95
65) Chlorobenzene	11.870	112	1089532	97.756	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	373160	100.851	ug/l	99
67) Ethyl Benzene	11.941	91	1928084	99.914	ug/l	99
68) m/p-Xylenes	12.047	106	1448543	204.677	ug/l	100
69) o-Xylene	12.376	106	705872	101.775	ug/l	99
70) Styrene	12.388	104	1242271	106.913	ug/l	99
71) Bromoform	12.559	173	300919	106.042	ug/l #	98
73) Isopropylbenzene	12.670	105	1813905	98.947	ug/l	99
74) N-amyl acetate	12.488	43	692783	98.225	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.917	83	599955	95.058	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	826317	154.949	ug/l	60
77) Bromobenzene	12.959	156	421382	97.488	ug/l	100
78) n-propylbenzene	13.011	91	2252725	99.764	ug/l	100
79) 2-Chlorotoluene	13.100	91	1350026	99.349	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	1541753	99.138	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	223478	111.207	ug/l	85
82) 4-Chlorotoluene	13.200	91	1392464	97.464	ug/l	98
83) tert-Butylbenzene	13.417	119	1296218	100.022	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	1574771	101.155	ug/l	100
85) sec-Butylbenzene	13.594	105	1888785	98.213	ug/l	100
86) p-Isopropyltoluene	13.706	119	1589055	100.064	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	819384	96.262	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	824944	93.128	ug/l	99
89) n-Butylbenzene	14.029	91	1541853	97.761	ug/l	99
90) Hexachloroethane	14.306	117	294494	97.338	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	781928	96.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	142185	94.833	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	471693	97.272	ug/l	99
94) Hexachlorobutadiene	15.476	225	157139	90.896	ug/l	99
95) Naphthalene	15.611	128	1777069	103.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	462335	97.526	ug/l	98

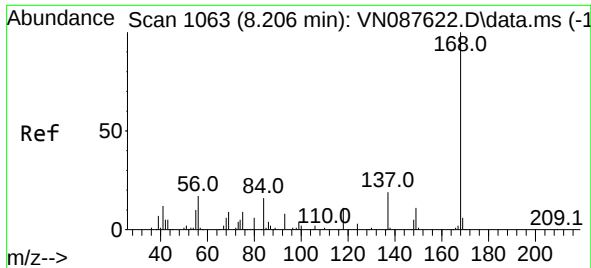
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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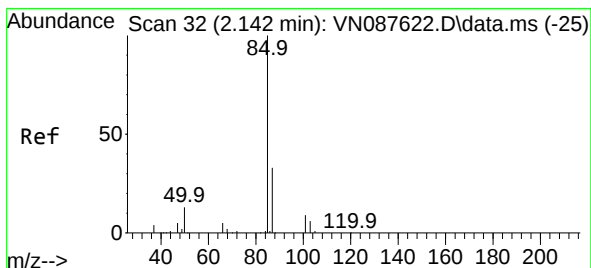
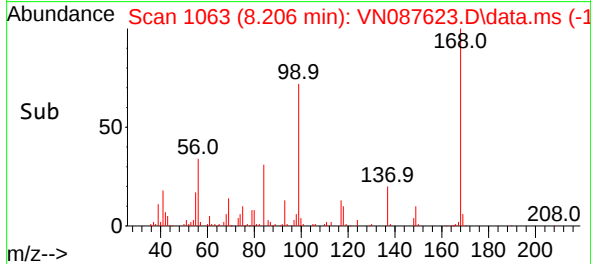
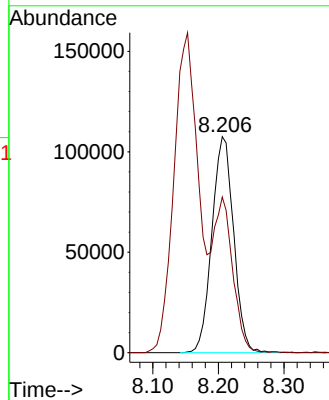
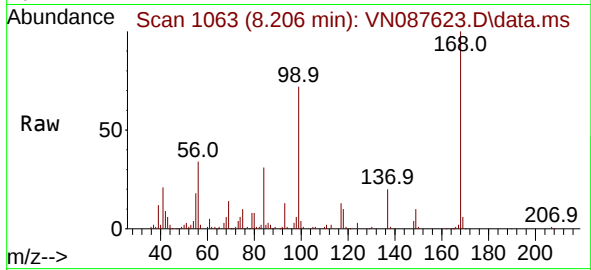
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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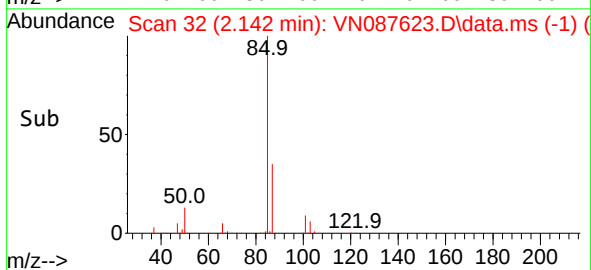
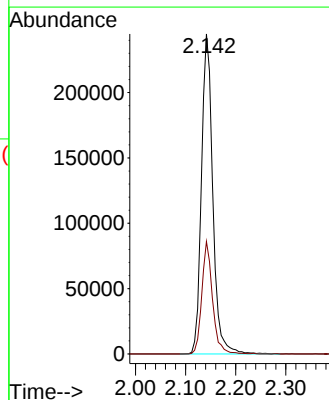
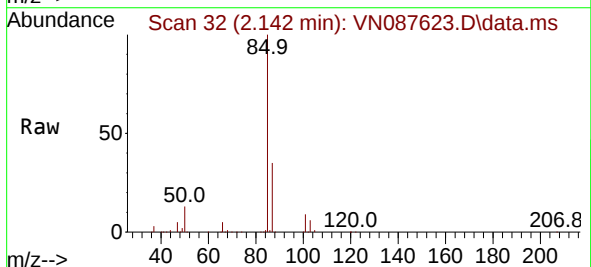
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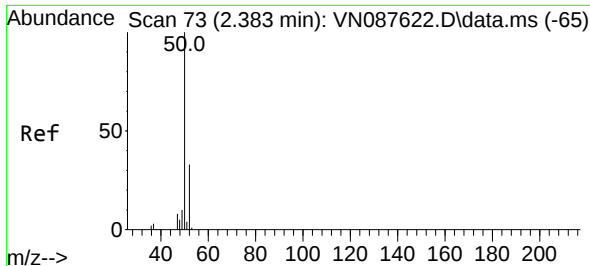
Tgt Ion:168 Resp: 247255
Ion Ratio Lower Upper
168 100
99 71.8 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 109.480 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 85 Resp: 384461
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8

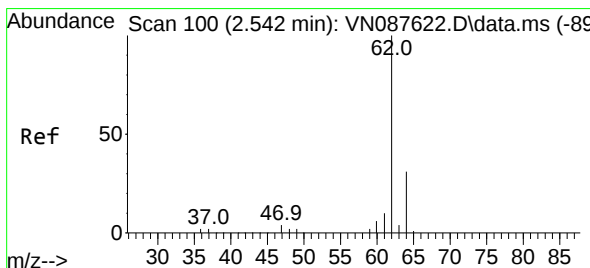
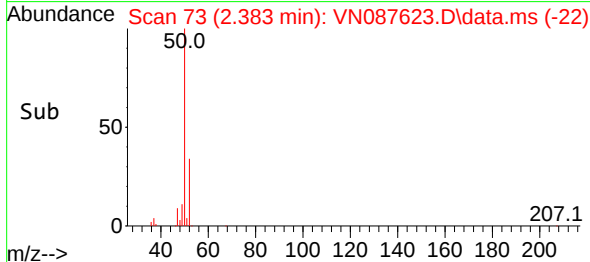
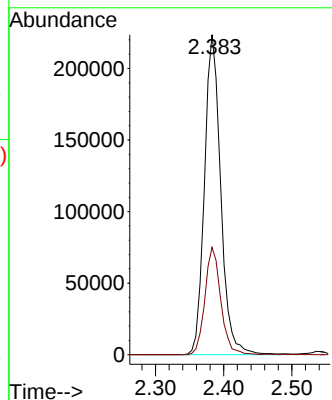
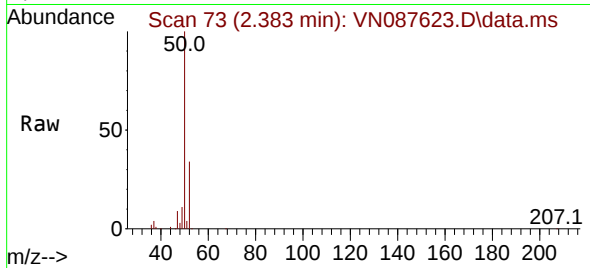




#3
Chloromethane
Concen: 102.992 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

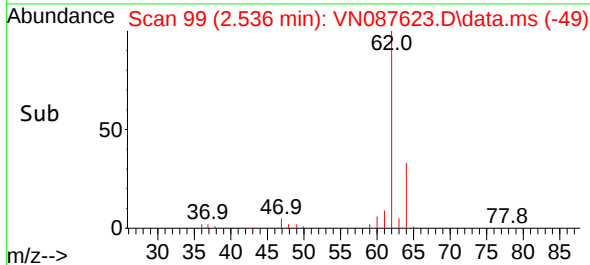
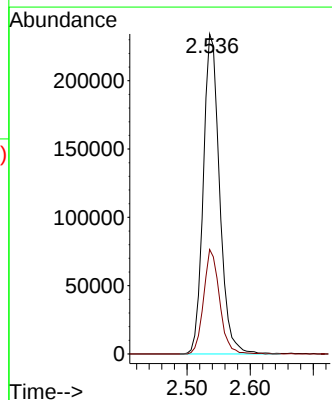
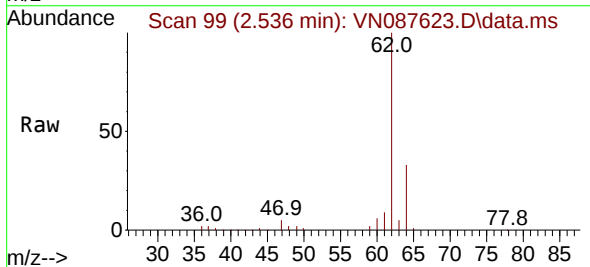
Instrument :
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ClientSampleId :
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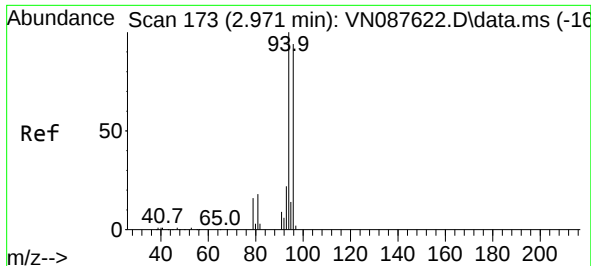
Tgt Ion: 50 Resp: 371688
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.4



#4
Vinyl Chloride
Concen: 100.128 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 62 Resp: 418975
Ion Ratio Lower Upper
62 100
64 32.7 24.6 37.0

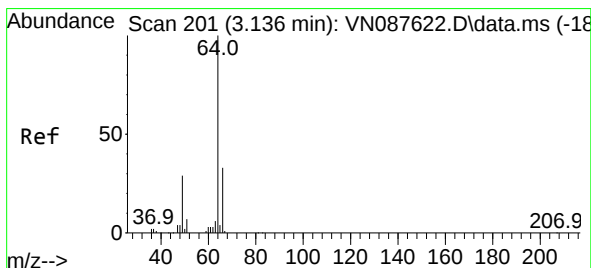
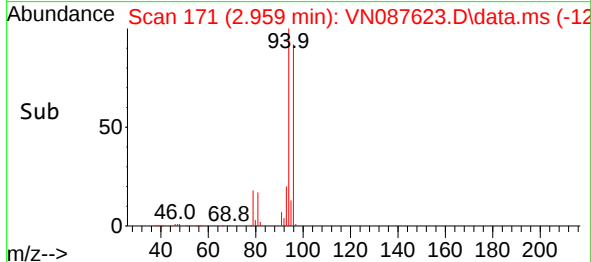
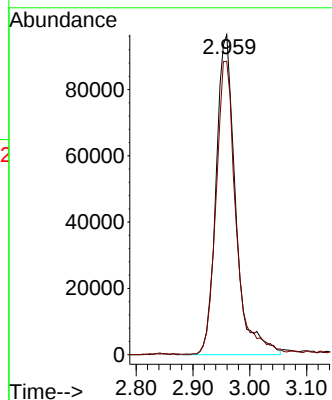
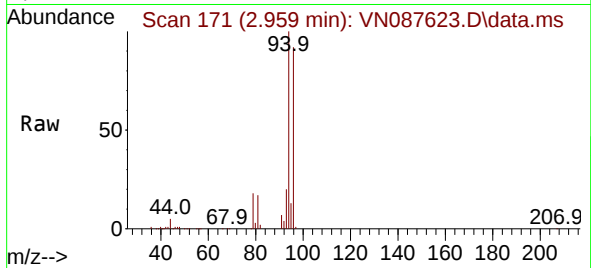




#5
Bromomethane
Concen: 106.679 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

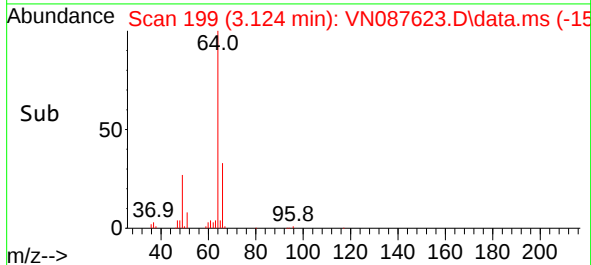
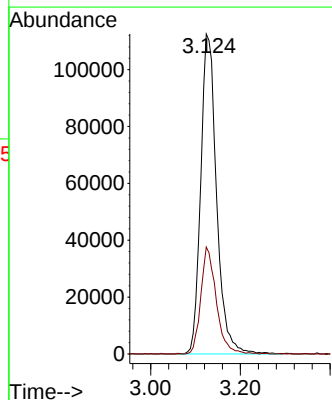
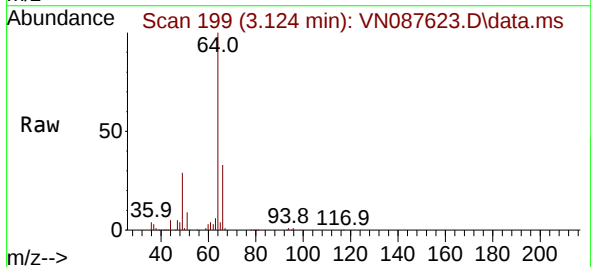
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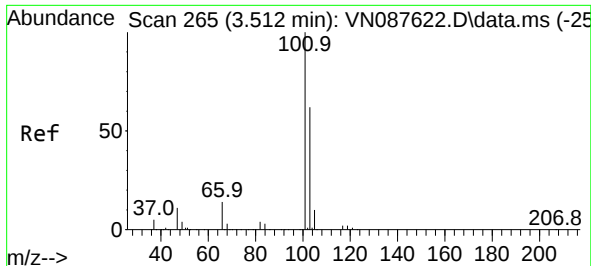
Tgt Ion: 94 Resp: 230328
Ion Ratio Lower Upper
94 100
96 91.4 75.4 113.2



#6
Chloroethane
Concen: 93.871 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.012 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 64 Resp: 276071
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.2

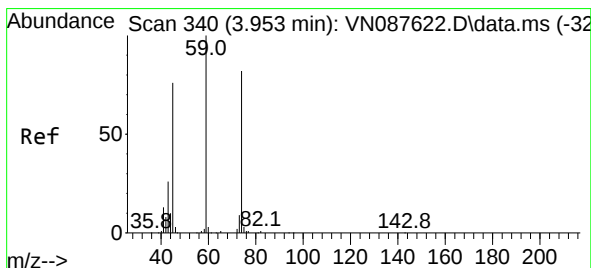
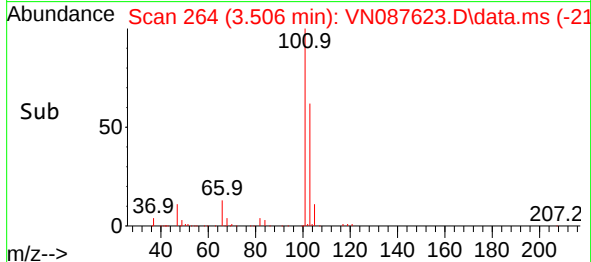
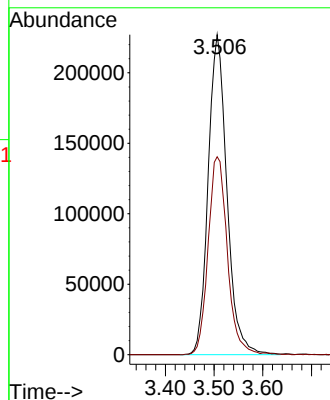
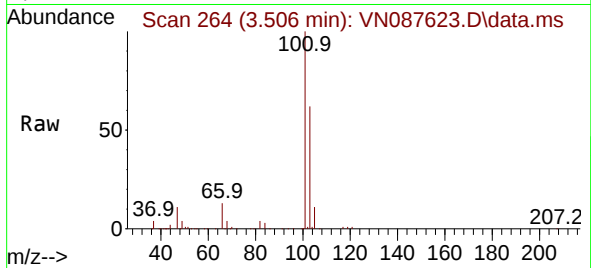




#7
Trichlorofluoromethane
Concen: 98.995 ug/l
RT: 3.506 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

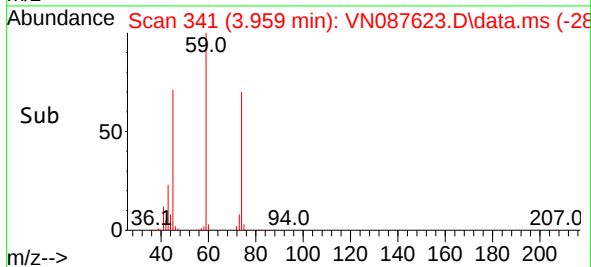
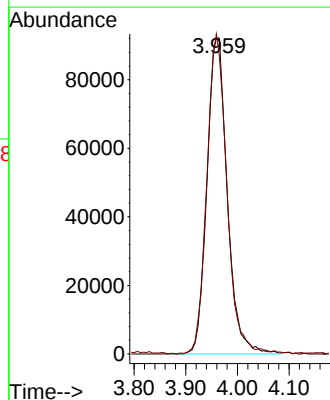
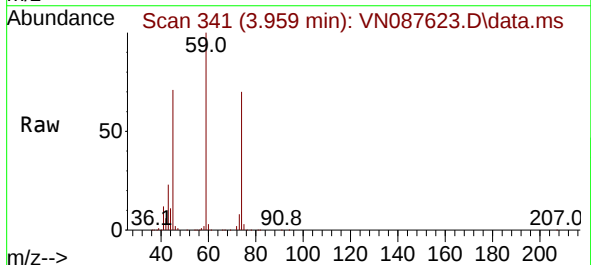
Instrument :
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ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 606894
Ion Ratio Lower Upper
101 100
103 61.8 49.4 74.0



#8
Diethyl Ether
Concen: 94.419 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 74 Resp: 252092
Ion Ratio Lower Upper
74 100
45 99.6 50.6 151.9

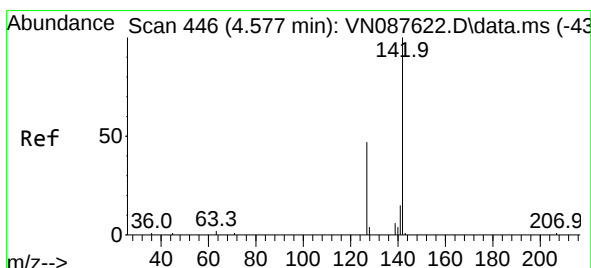
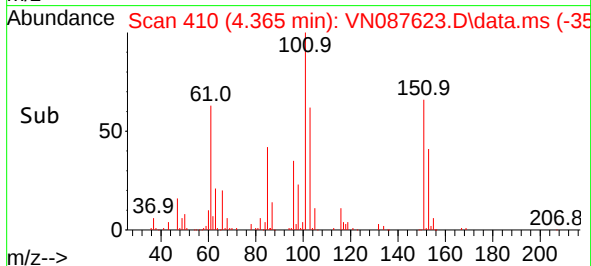
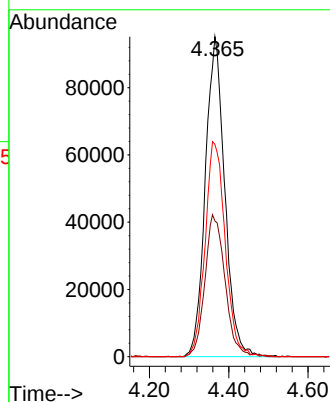
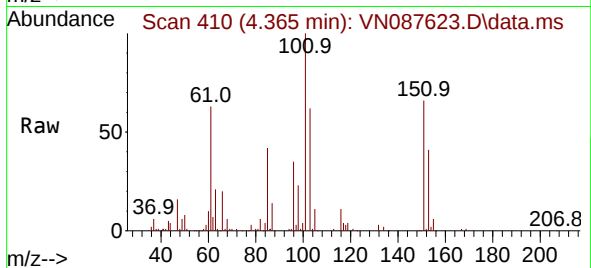




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.250 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087623.D
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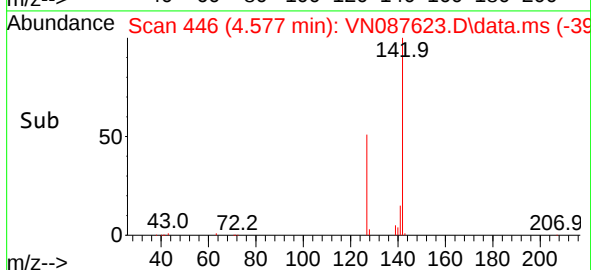
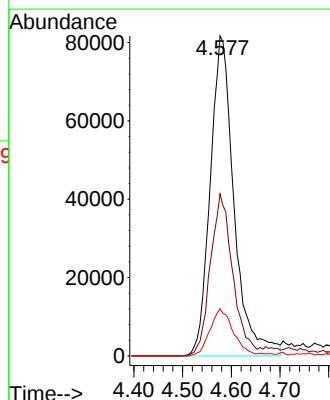
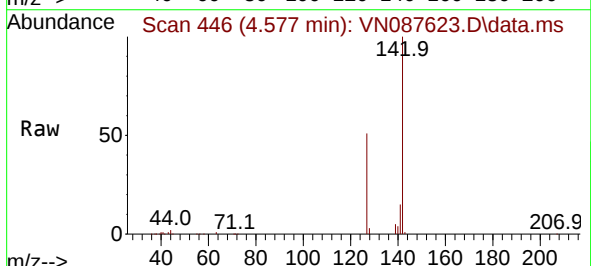
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

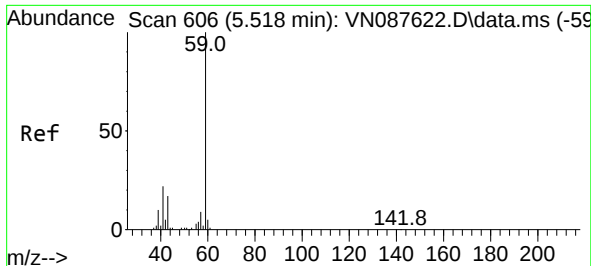
Tgt Ion:101 Resp: 323480
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 69.8 54.7 82.1



#10
Methyl Iodide
Concen: 99.335 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:142 Resp: 277692
Ion Ratio Lower Upper
142 100
127 50.6 38.0 57.0
141 14.7 12.0 18.0

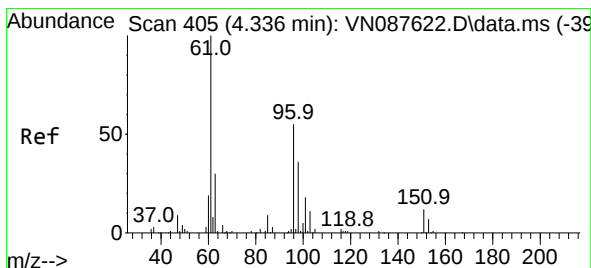
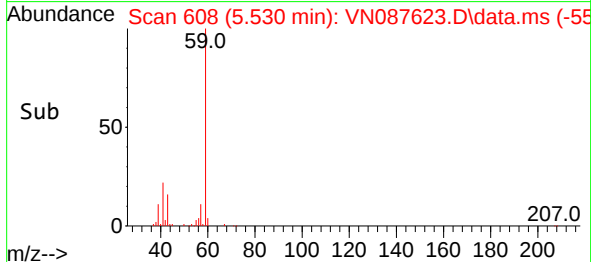
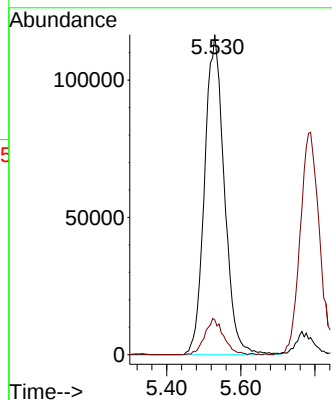
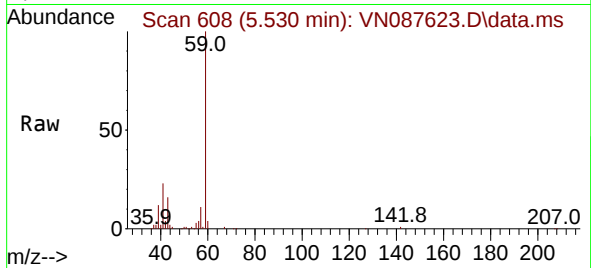




#11
Tert butyl alcohol
Concen: 489.322 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

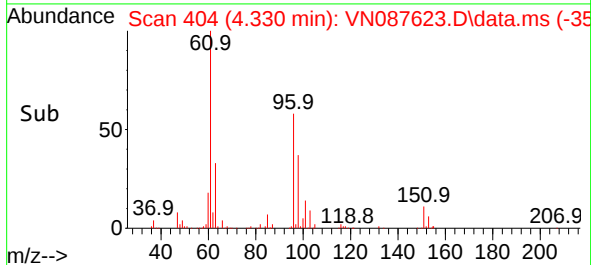
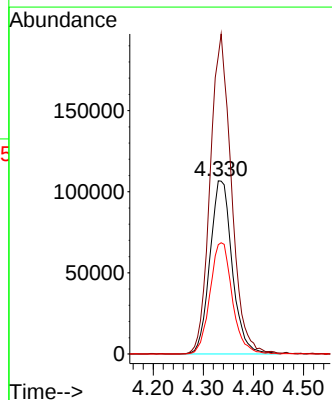
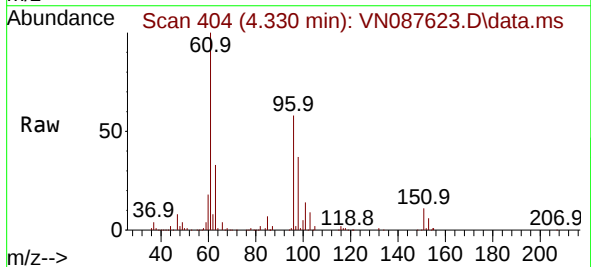
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

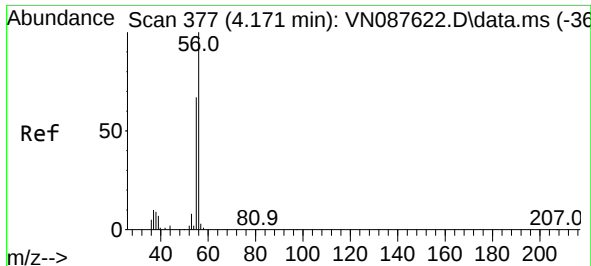
Tgt Ion: 59 Resp: 430345
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 92.539 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 96 Resp: 329881
Ion Ratio Lower Upper
96 100
61 171.9 143.8 215.8
98 63.1 52.1 78.1

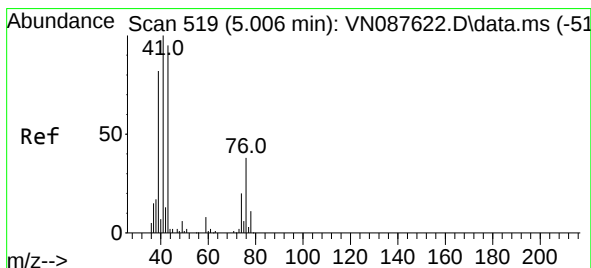
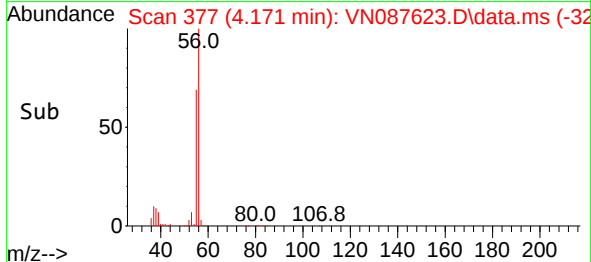
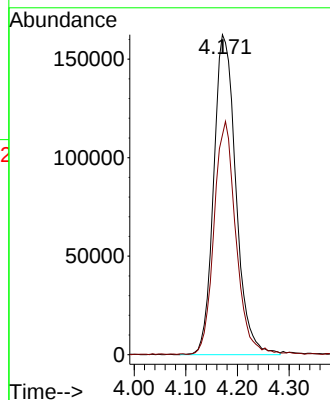
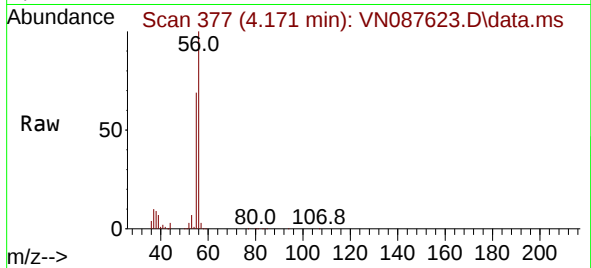




#13
Acrolein
Concen: 448.258 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

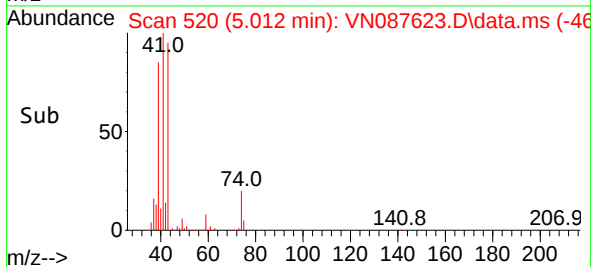
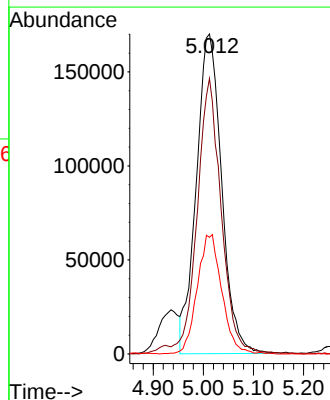
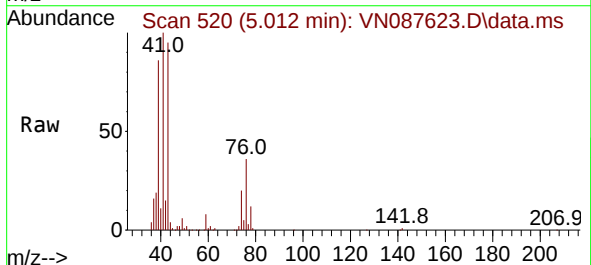
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

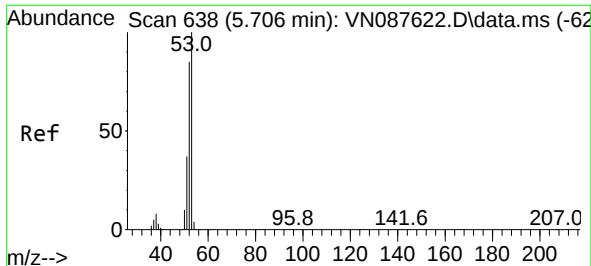
Tgt Ion: 56 Resp: 484654
Ion Ratio Lower Upper
56 100
55 71.6 57.3 85.9



#14
Allyl chloride
Concen: 92.467 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 41 Resp: 597335
Ion Ratio Lower Upper
41 100
39 80.8 63.9 95.9
76 36.2 28.1 42.1



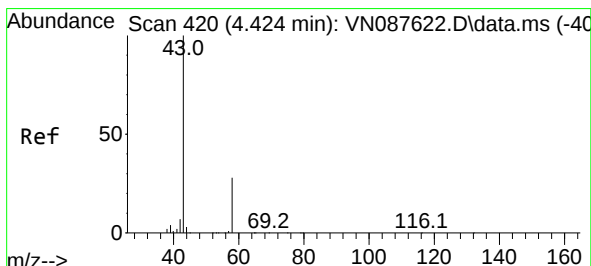
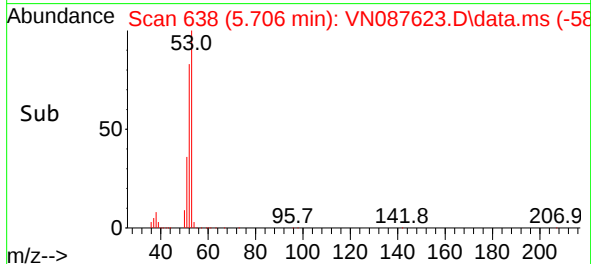
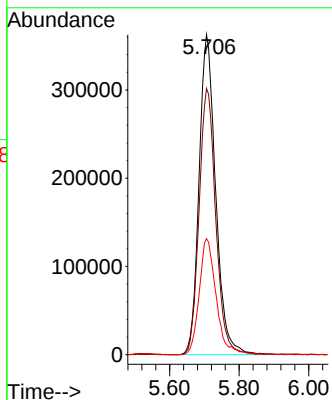
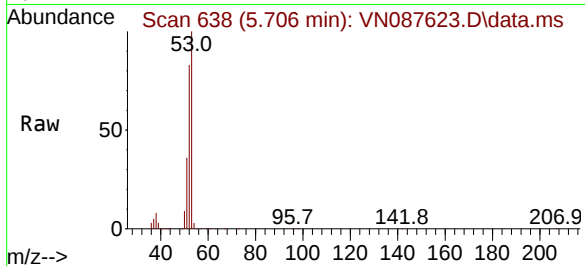


#15
Acrylonitrile
Concen: 485.671 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 1204622

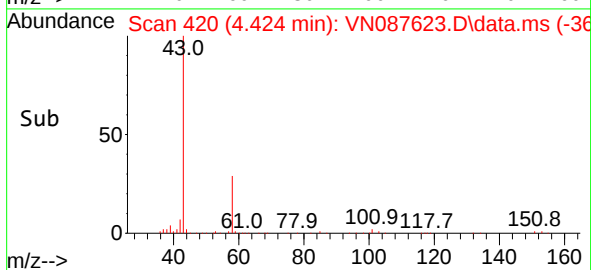
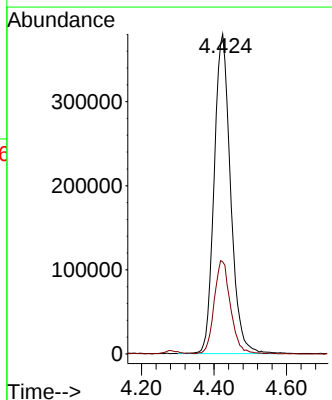
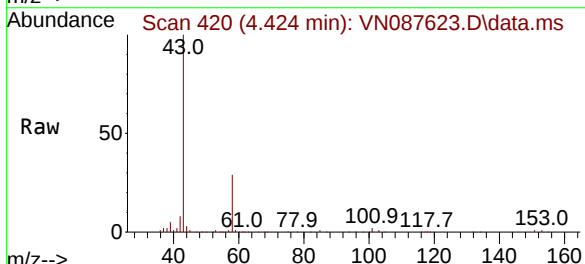
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.6	101.4
51	36.8	30.1	45.1

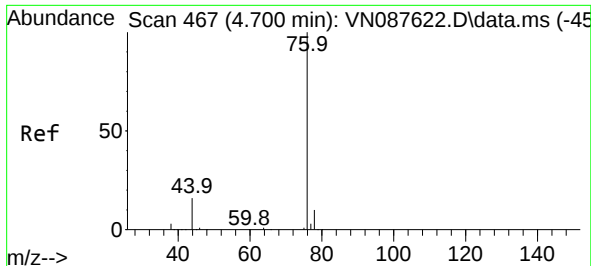


#16
Acetone
Concen: 433.545 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 43 Resp: 1195609

Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.6	33.8

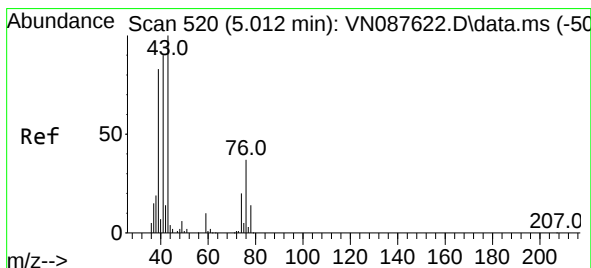
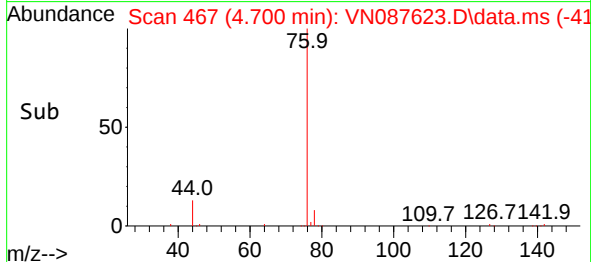
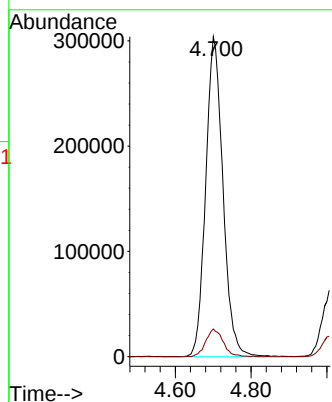
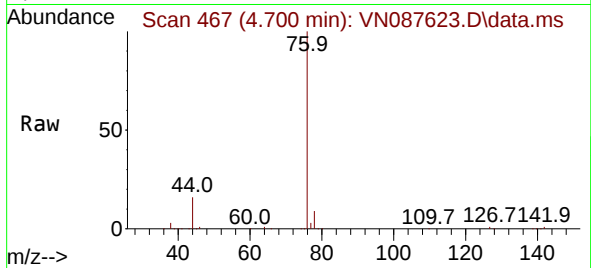




#17
Carbon Disulfide
Concen: 97.598 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

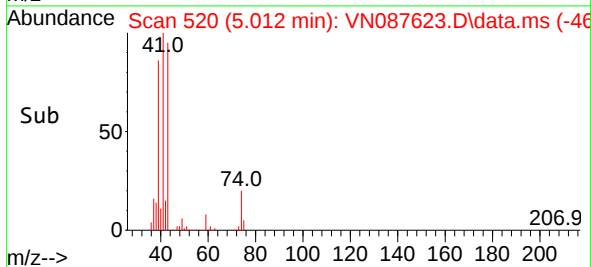
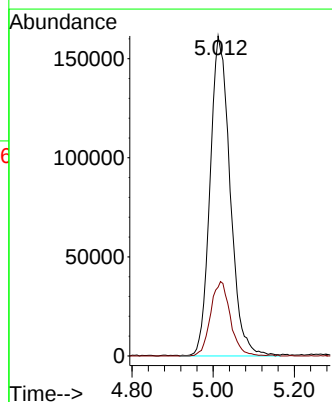
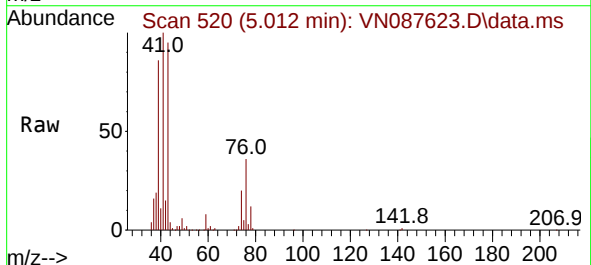
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

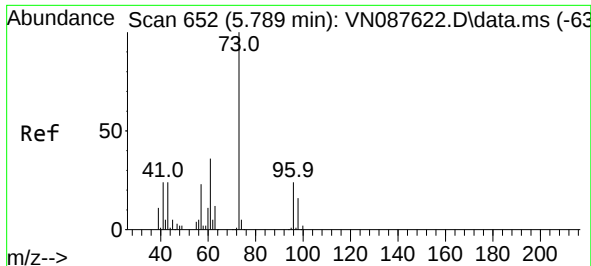
Tgt Ion: 76 Resp: 957812
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 95.669 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 43 Resp: 552409
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4

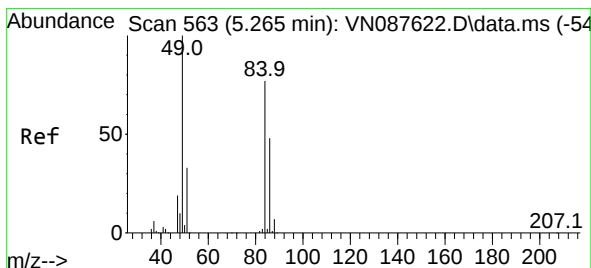
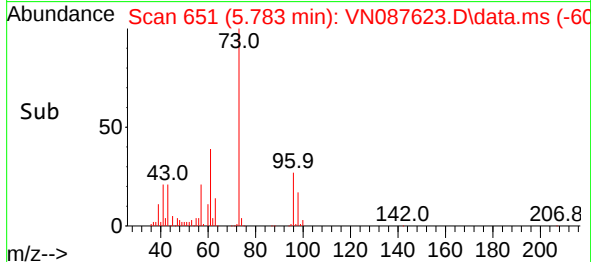
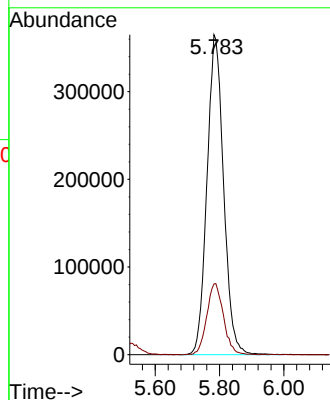
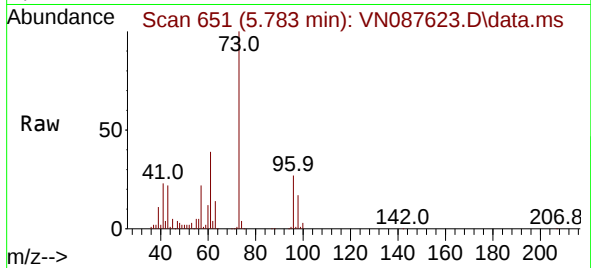




#19
Methyl tert-butyl Ether
Concen: 97.726 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

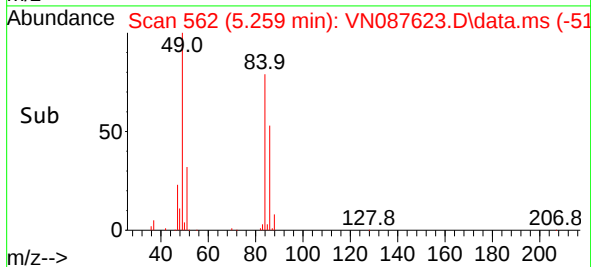
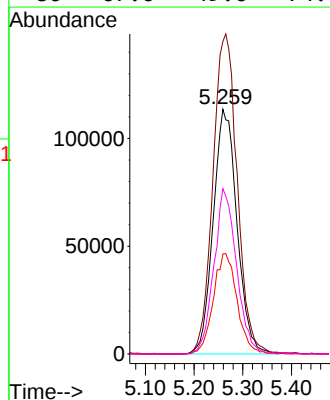
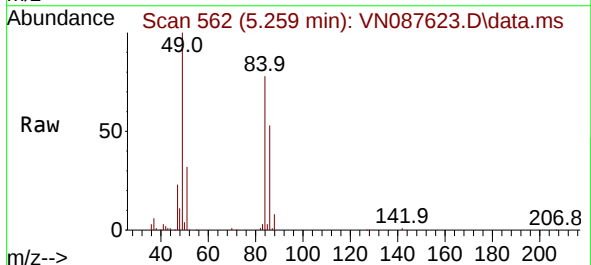
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 1306892
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 97.752 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 84 Resp: 385191
Ion Ratio Lower Upper
84 100
49 127.8 103.4 155.2
51 40.9 33.8 50.8
86 67.6 49.6 74.4

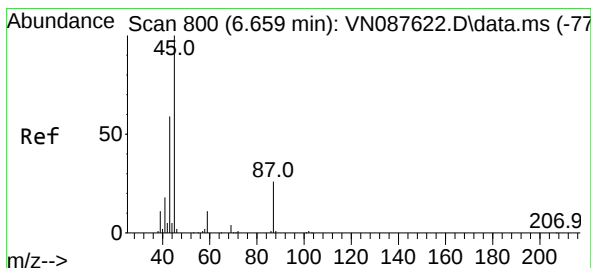
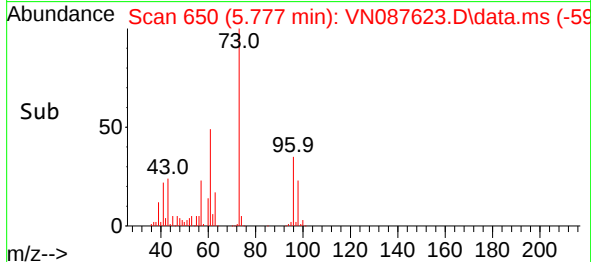
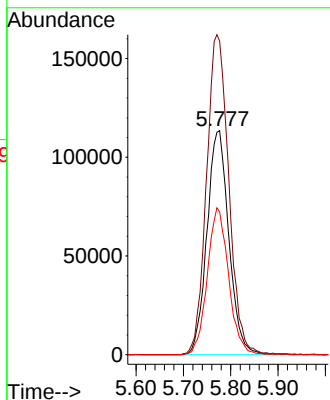
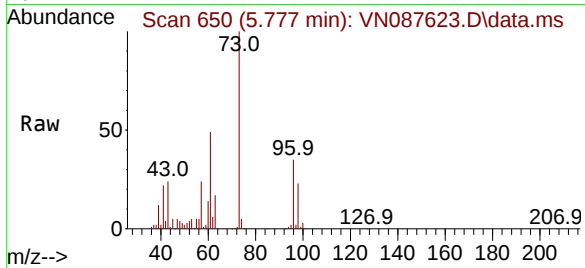




#21
trans-1,2-Dichloroethene
Concen: 94.317 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

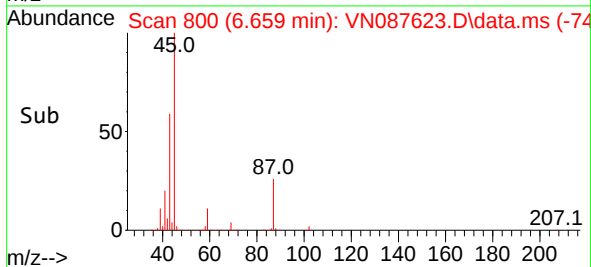
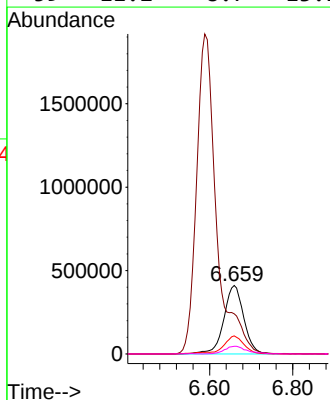
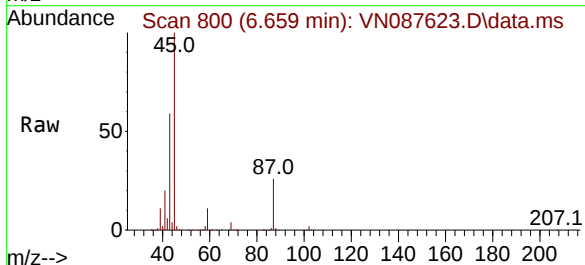
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

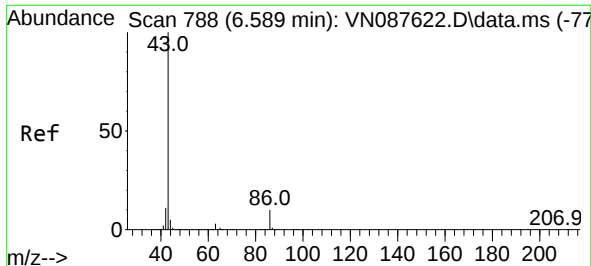
Tgt Ion: 96 Resp: 364392
Ion Ratio Lower Upper
96 100
61 140.0 118.0 177.0
98 63.8 50.0 75.0



#22
Diisopropyl ether
Concen: 98.135 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 45 Resp: 1368059
Ion Ratio Lower Upper
45 100
43 58.0 47.7 71.5
87 26.2 21.4 32.0
59 11.2 8.7 13.1

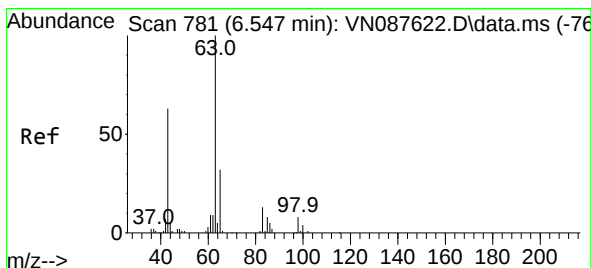
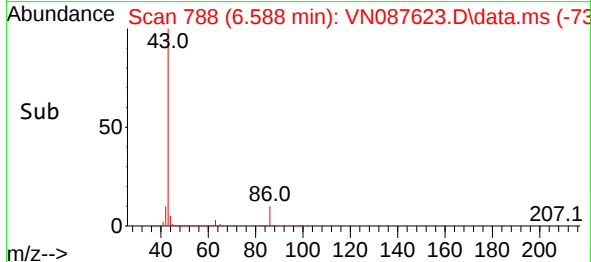
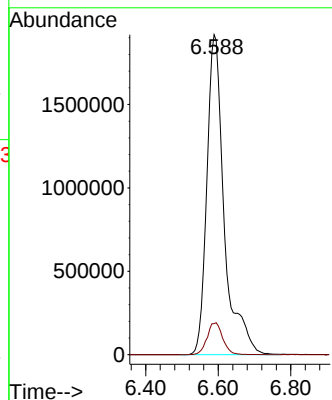
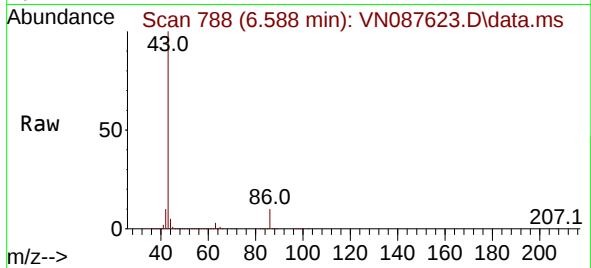




#23
 Vinyl Acetate
 Concen: 502.195 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

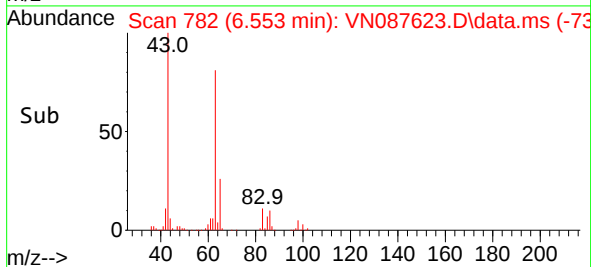
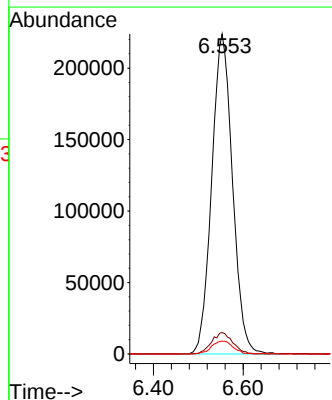
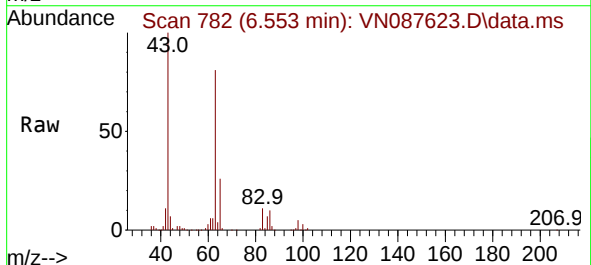
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

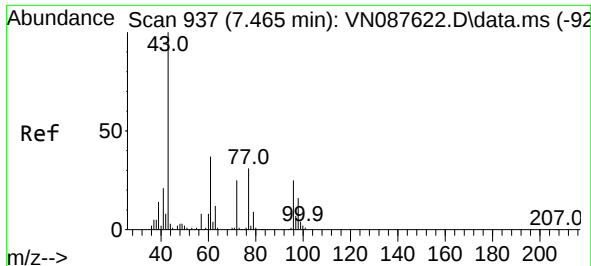
Tgt Ion: 43 Resp: 6369332
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 94.084 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Tgt Ion: 63 Resp: 719127
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.0 2.0 6.0

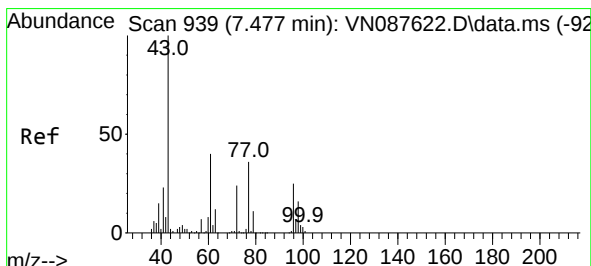
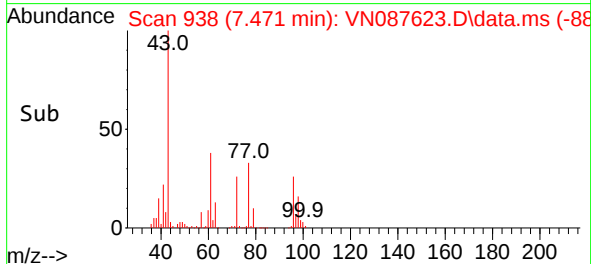
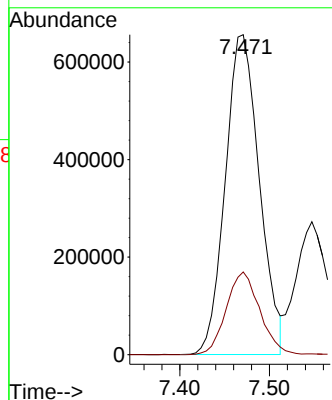
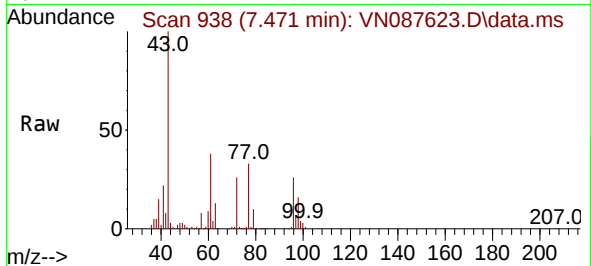




#25
2-Butanone
Concen: 476.881 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

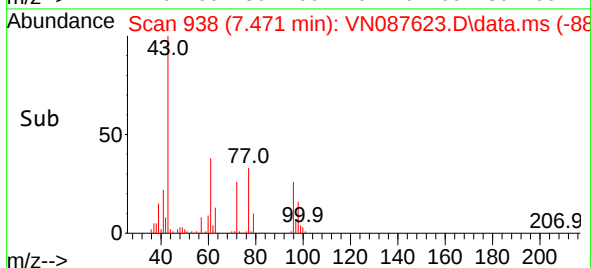
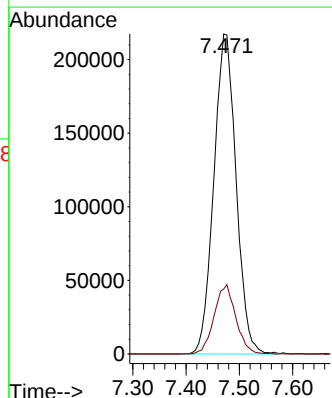
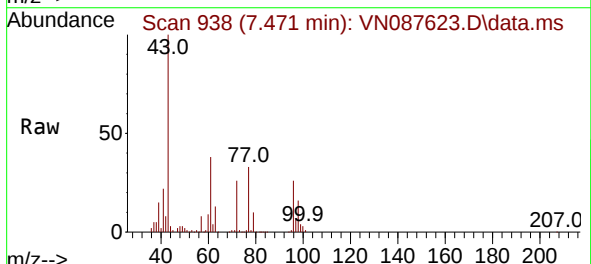
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

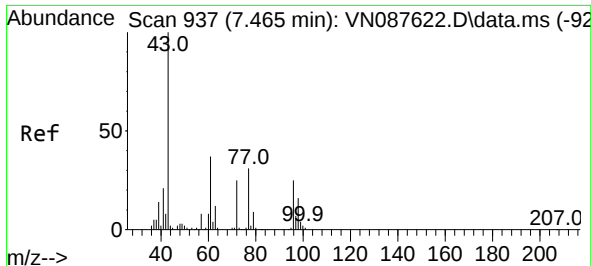
Tgt Ion: 43 Resp: 1730205
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 96.278 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 77 Resp: 631604
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7

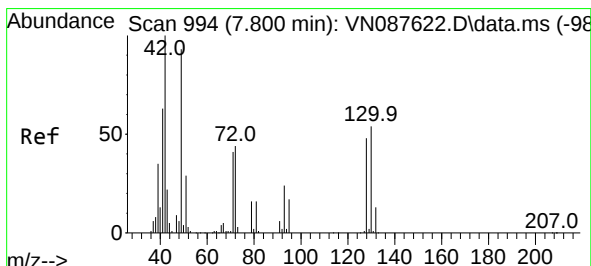
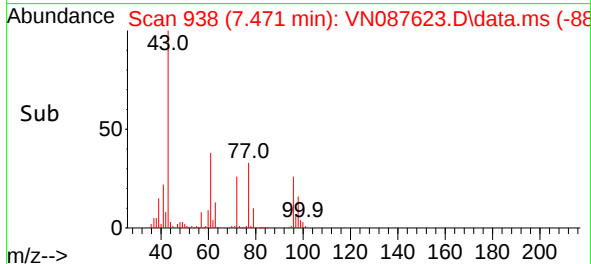
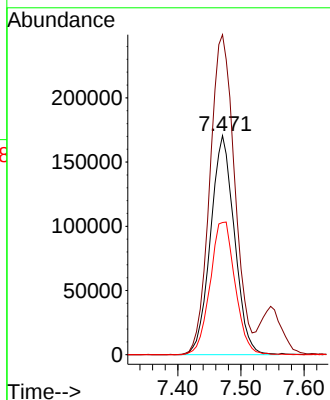
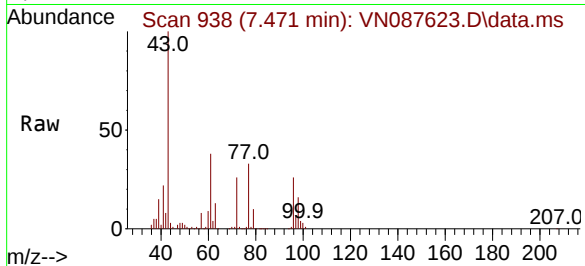




#27
 cis-1,2-Dichloroethene
 Concen: 97.241 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

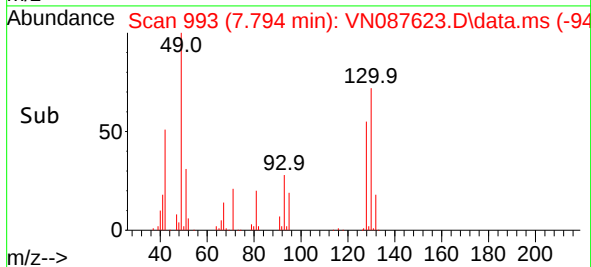
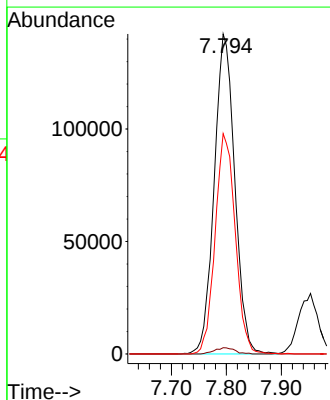
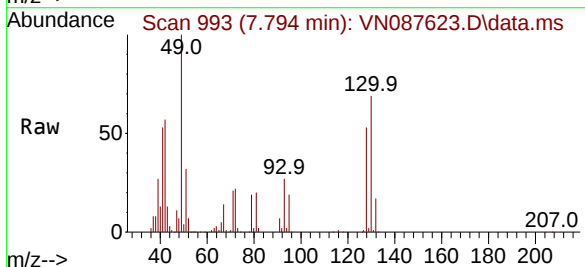
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 449130
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 301.8
 98 63.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 100.097 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Tgt Ion: 49 Resp: 369878
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 67.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 488.295 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

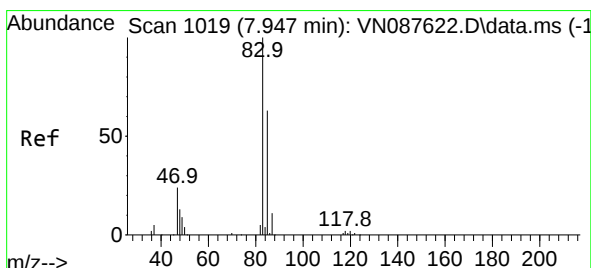
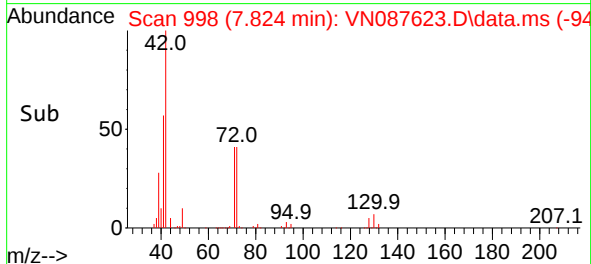
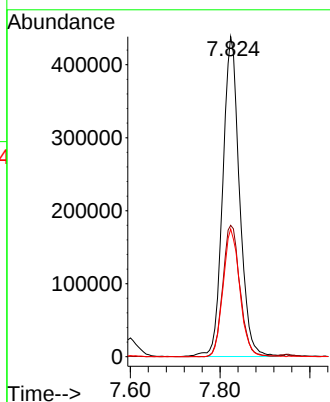
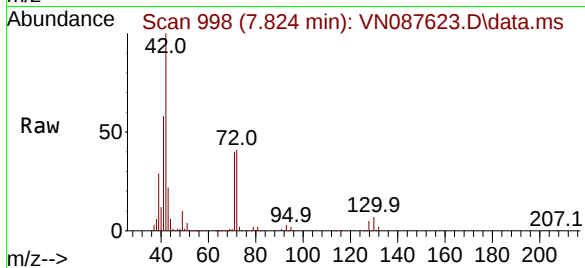
Tgt Ion: 42 Resp: 1140137

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

71 39.8 31.9 47.9



#30

Chloroform

Concen: 96.286 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087623.D

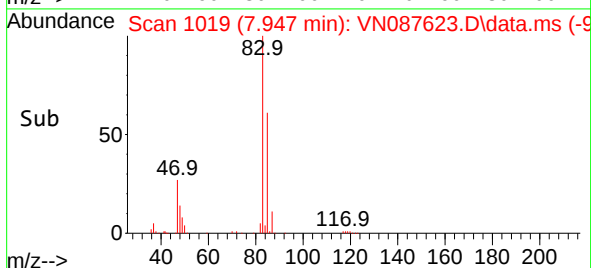
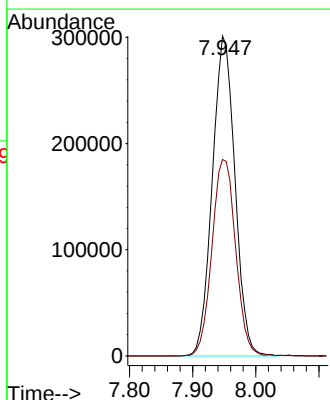
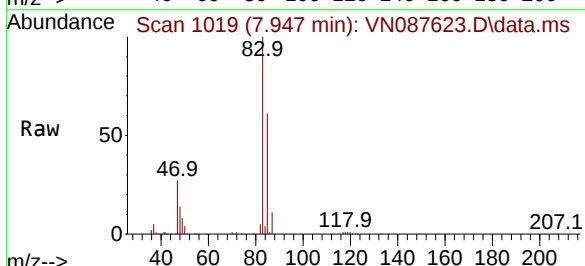
Acq: 21 Aug 2025 14:23

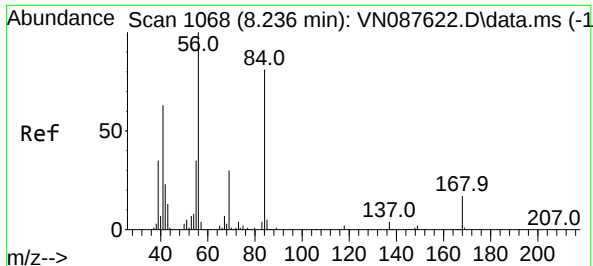
Tgt Ion: 83 Resp: 751186

Ion Ratio Lower Upper

83 100

85 61.4 50.7 76.1

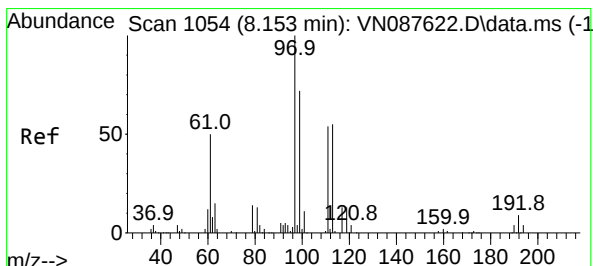
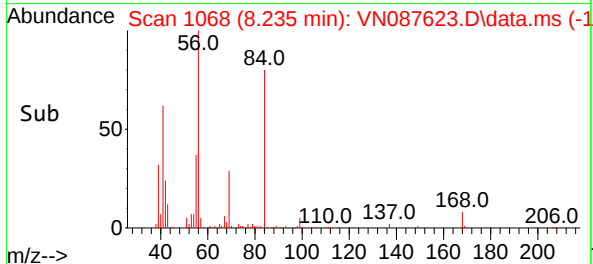
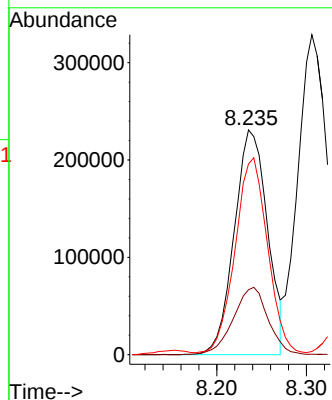
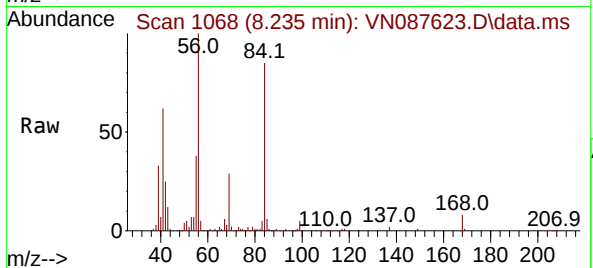




#31
Cyclohexane
Concen: 93.193 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

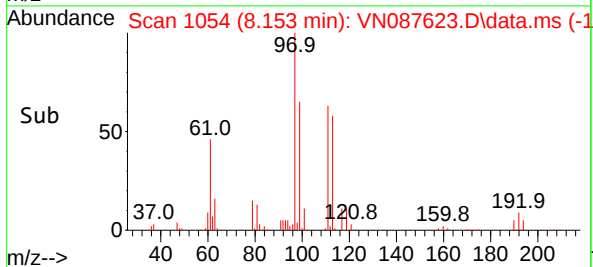
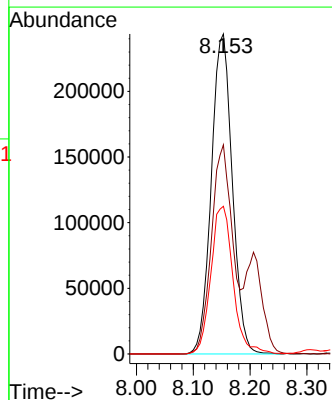
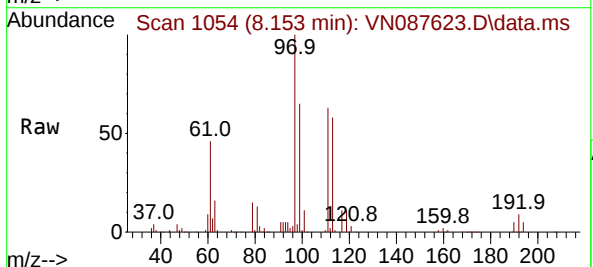
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

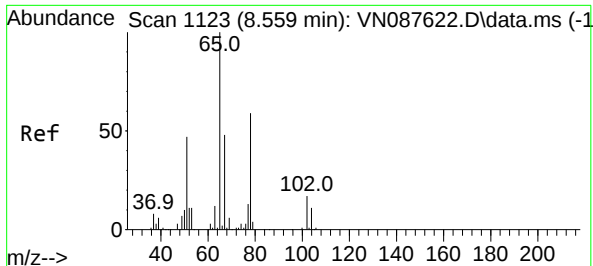
Tgt Ion: 56 Resp: 593829
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 83.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 94.602 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 97 Resp: 625473
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 48.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 101.001 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

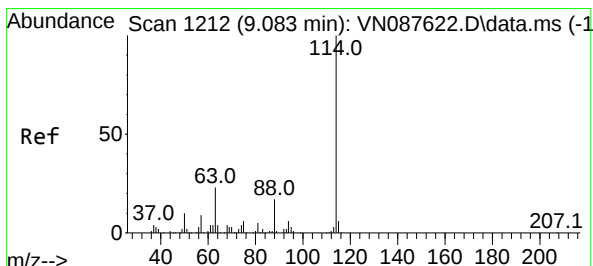
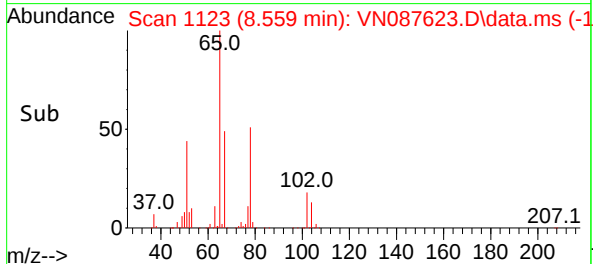
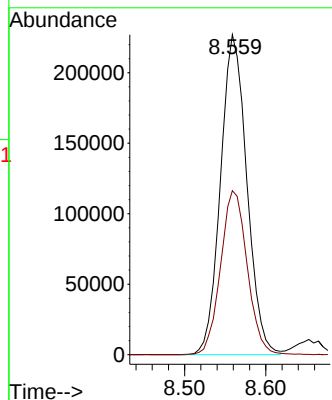
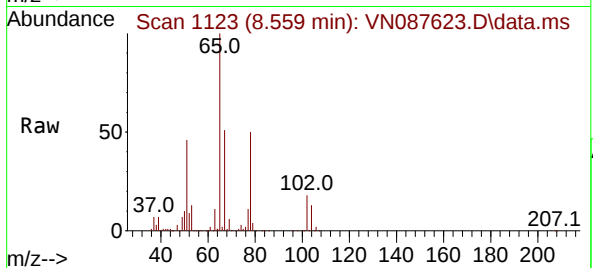
VSTDICC100

Tgt Ion: 65 Resp: 511669

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

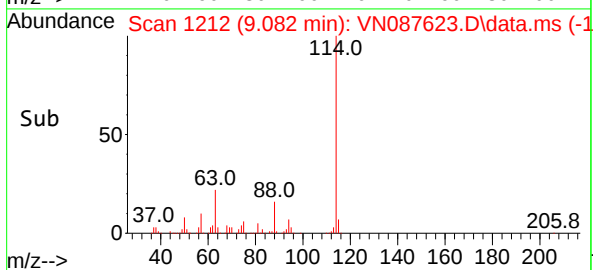
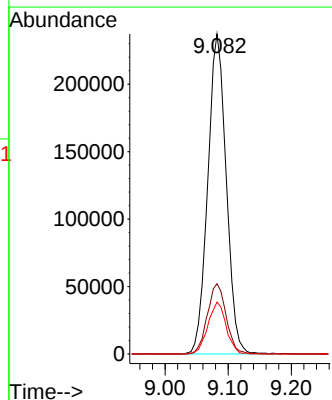
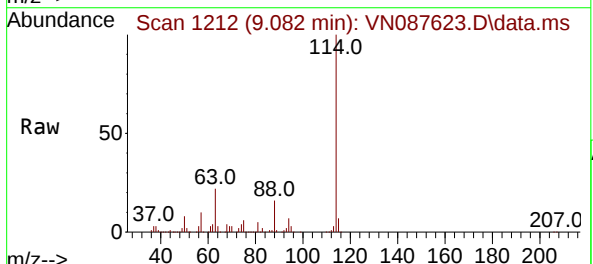
Tgt Ion: 114 Resp: 481199

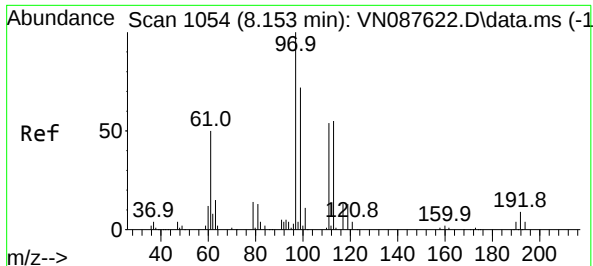
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 103.235 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

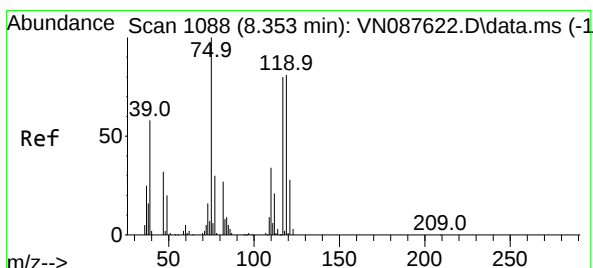
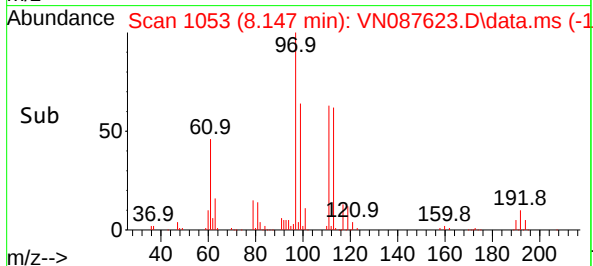
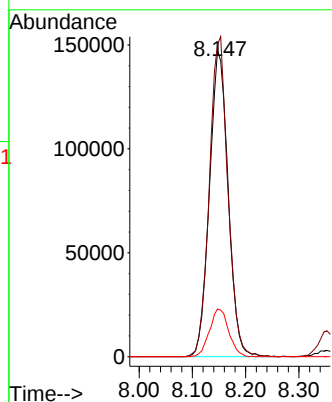
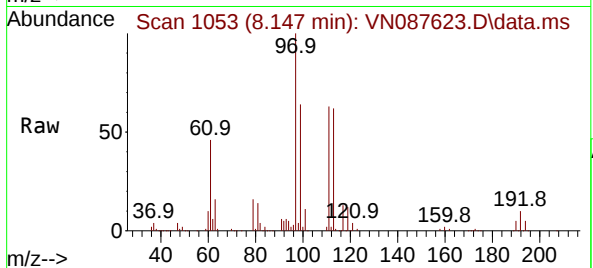
Tgt Ion:113 Resp: 358663

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 16.0 12.8 19.2



#36

1,1-Dichloropropene

Concen: 94.275 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

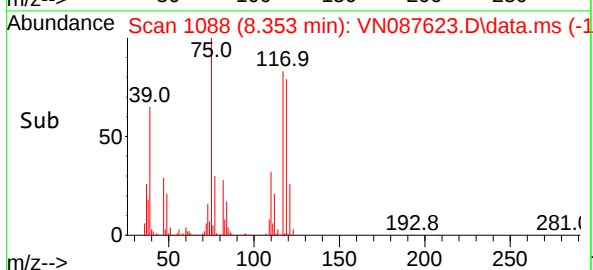
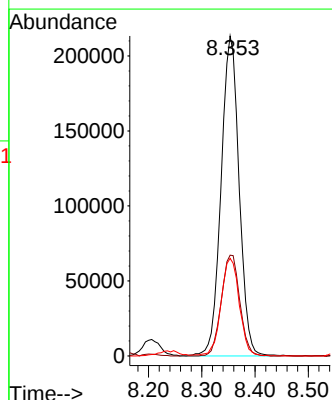
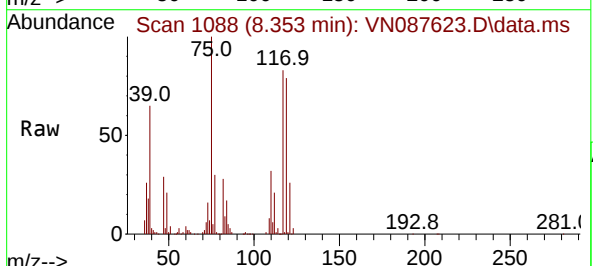
Tgt Ion: 75 Resp: 502476

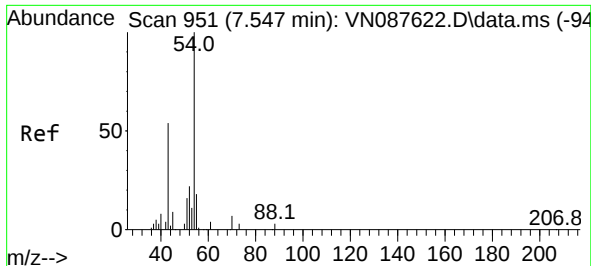
Ion Ratio Lower Upper

75 100

110 32.2 15.9 47.6

77 30.9 24.4 36.6

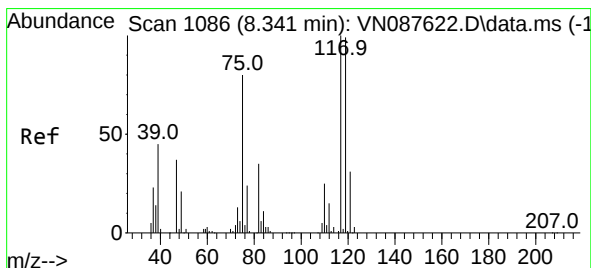
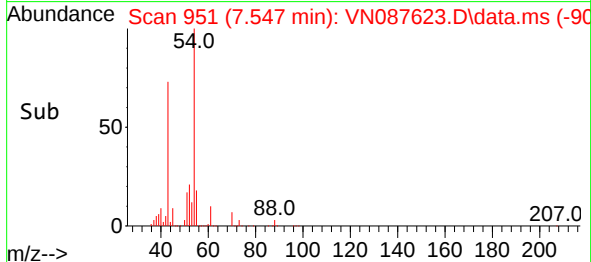
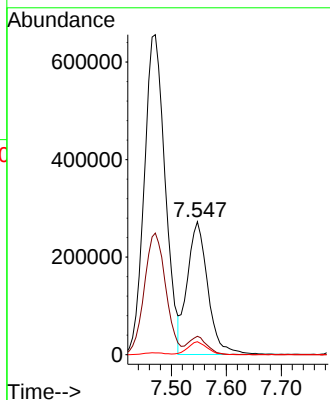
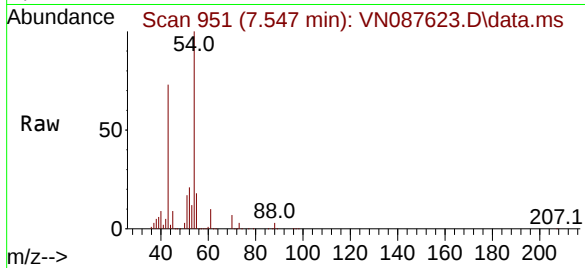




#37
Ethyl Acetate
Concen: 96.555 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

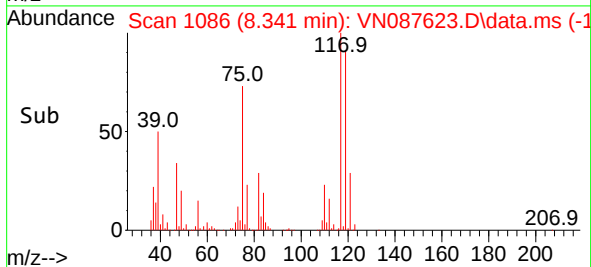
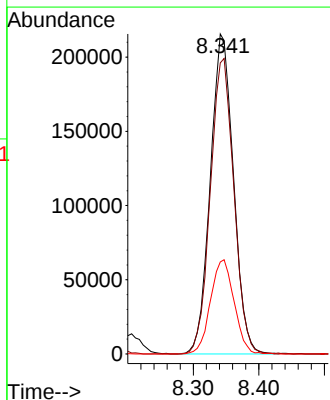
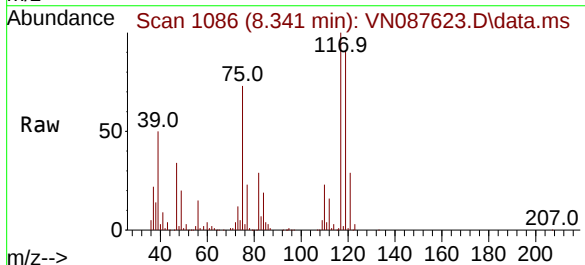
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

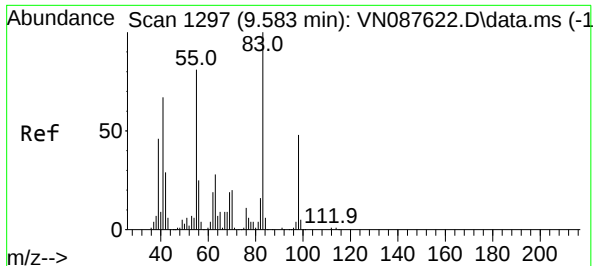
Tgt Ion: 43 Resp: 703230
Ion Ratio Lower Upper
43 100
61 11.8 9.3 13.9
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 100.412 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 117 Resp: 528406
Ion Ratio Lower Upper
117 100
119 90.9 79.0 118.6
121 28.7 25.0 37.6





#39

Methylcyclohexane

Concen: 97.883 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

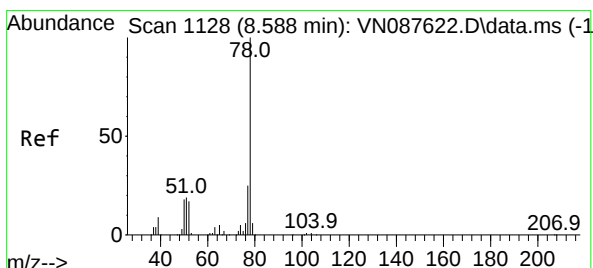
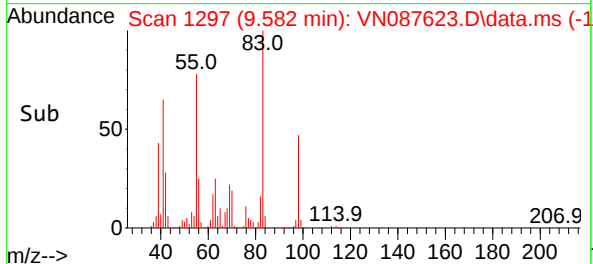
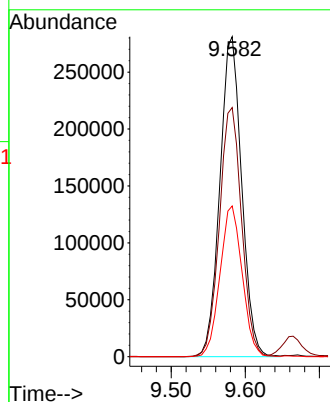
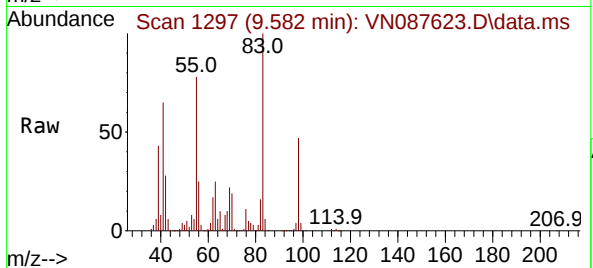
Tgt Ion: 83 Resp: 574374

Ion Ratio Lower Upper

83 100

55 77.9 64.6 96.8

98 47.1 38.4 57.6



#40

Benzene

Concen: 96.490 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087623.D

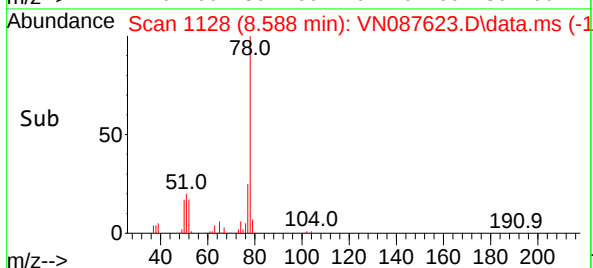
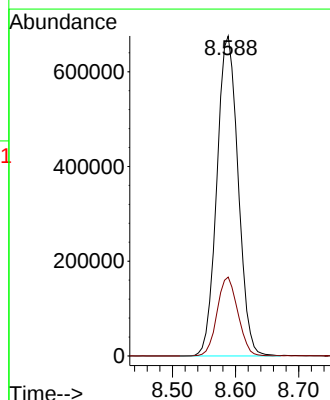
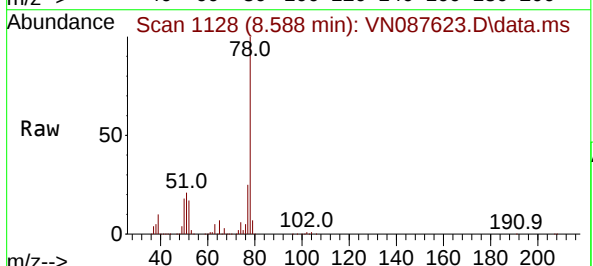
Acq: 21 Aug 2025 14:23

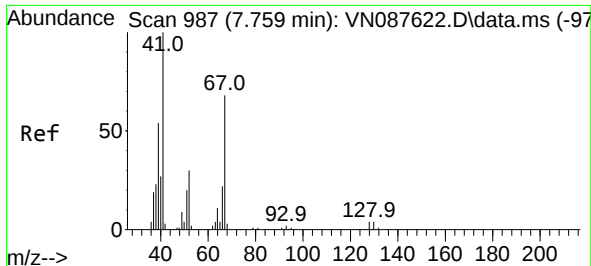
Tgt Ion: 78 Resp: 1577387

Ion Ratio Lower Upper

78 100

77 24.6 19.7 29.5

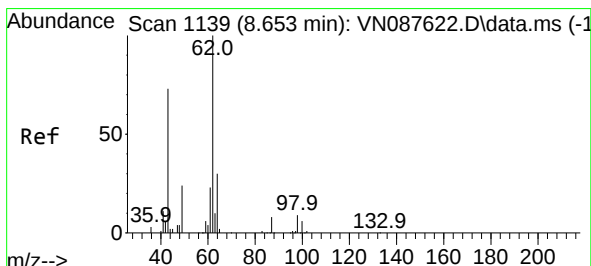
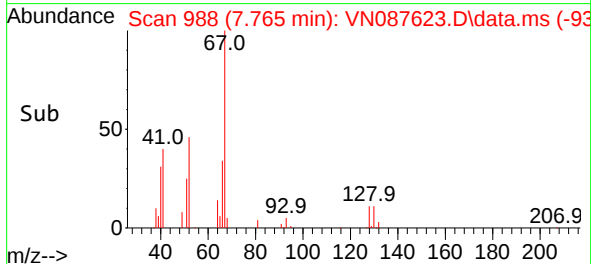
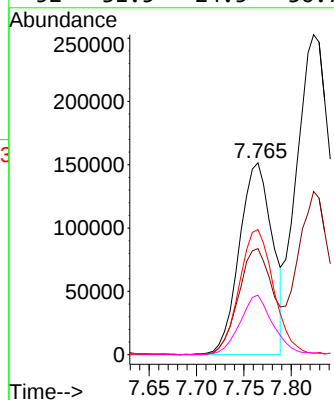
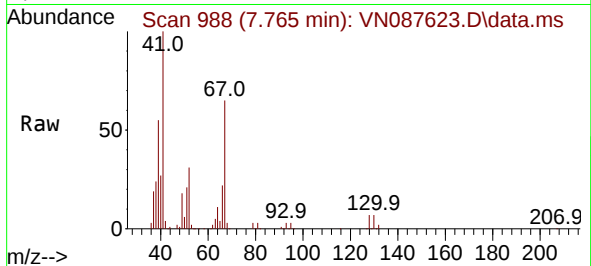




#41
Methacrylonitrile
Concen: 97.845 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

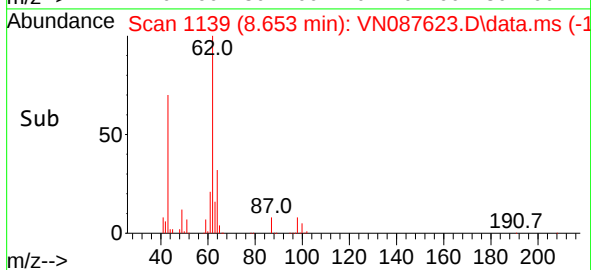
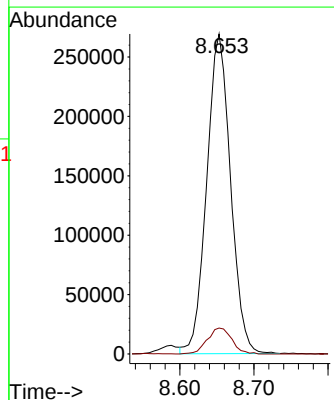
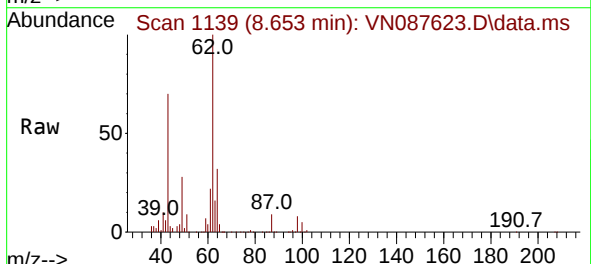
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

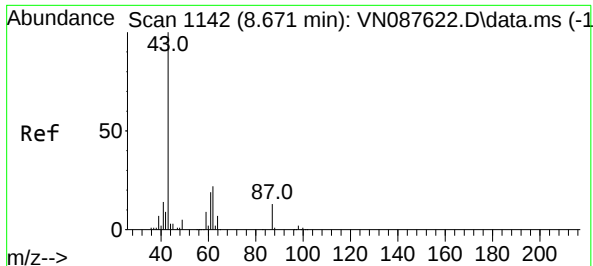
Tgt Ion: 41 Resp: 369145
Ion Ratio Lower Upper
41 100
39 56.7 45.4 68.0
67 68.4 55.3 82.9
52 31.5 24.5 36.7



#42
1,2-Dichloroethane
Concen: 95.625 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 62 Resp: 600726
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4

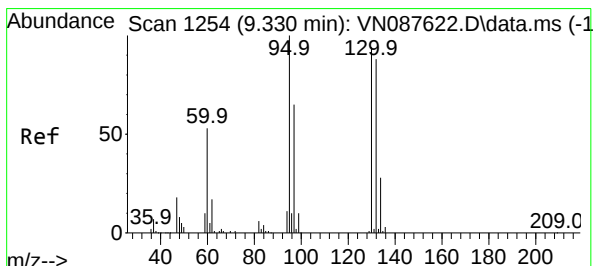
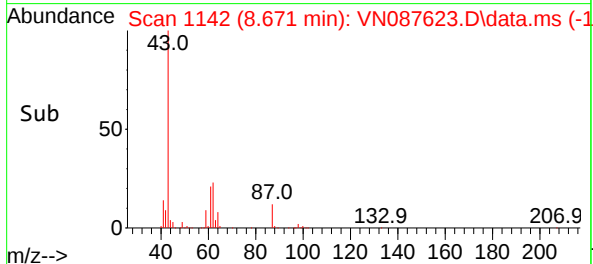
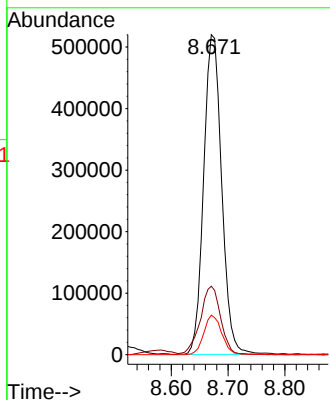
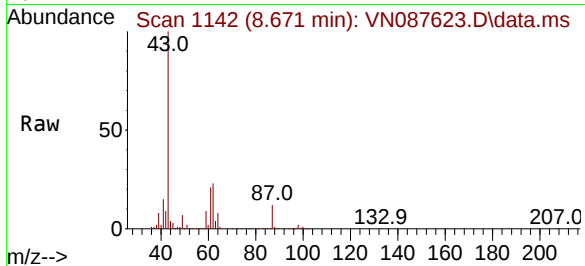




#43
Isopropyl Acetate
Concen: 100.474 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

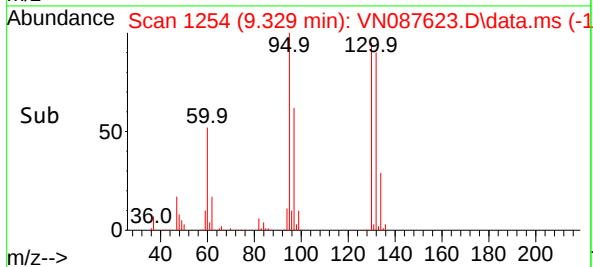
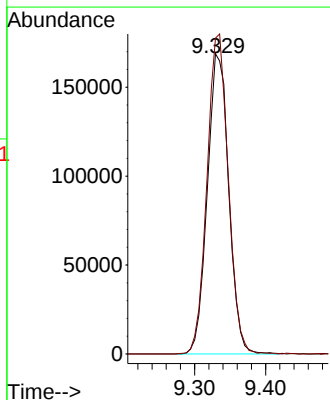
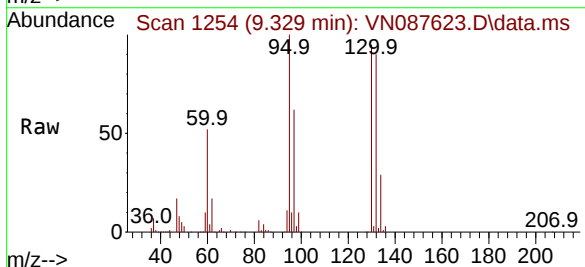
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

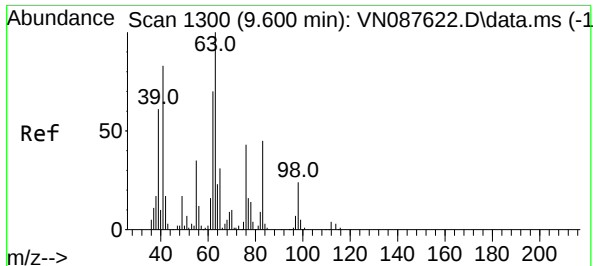
Tgt Ion: 43 Resp: 1142494
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 94.694 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:130 Resp: 353426
Ion Ratio Lower Upper
130 100
95 105.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 92.644 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

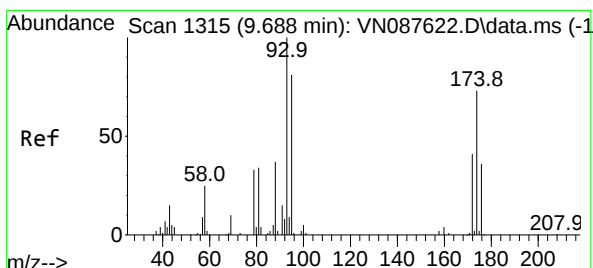
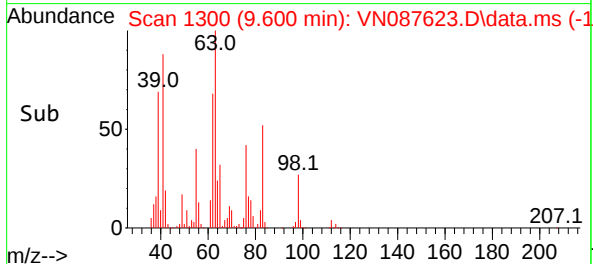
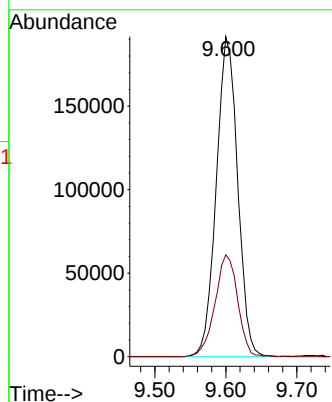
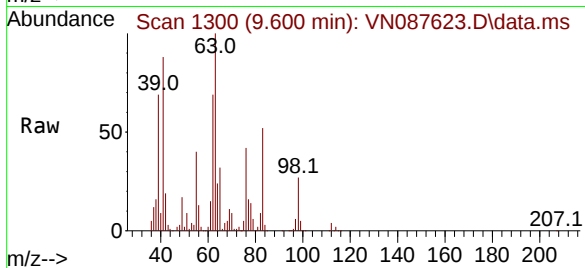
VSTDIC100

Tgt Ion: 63 Resp: 399209

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 97.207 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

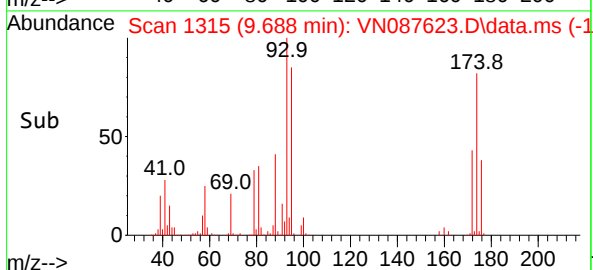
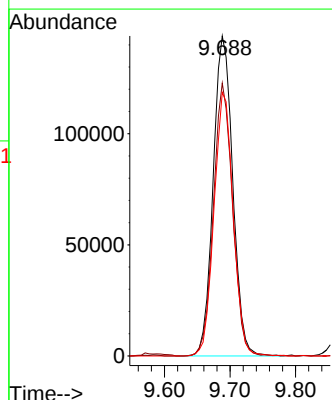
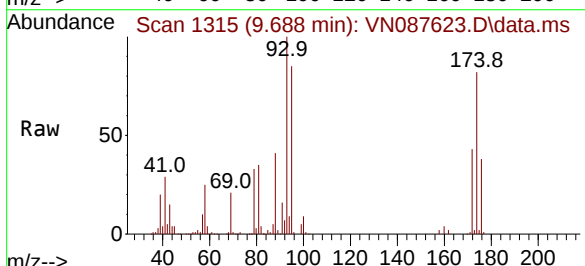
Tgt Ion: 93 Resp: 298076

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 81.0 63.4 95.2

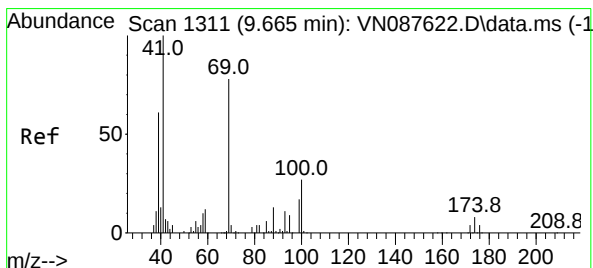
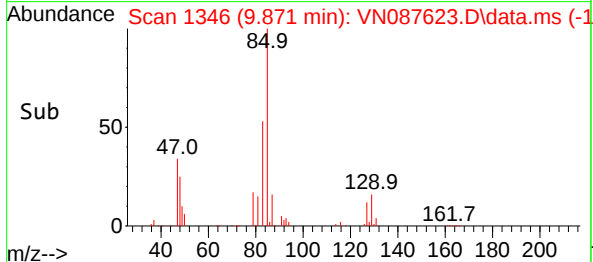
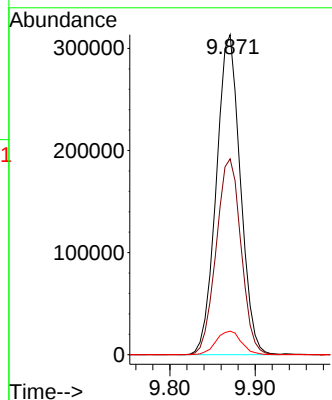
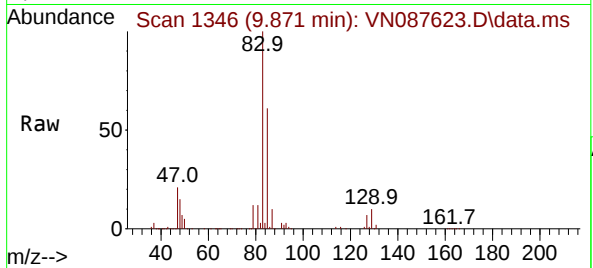




#47
Bromodichloromethane
Concen: 97.651 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

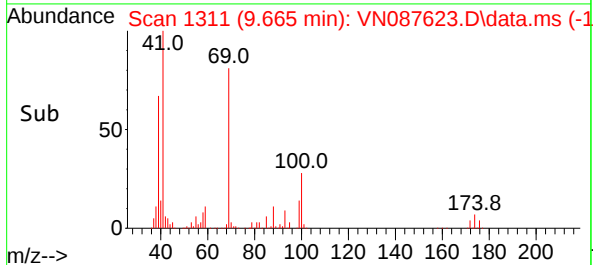
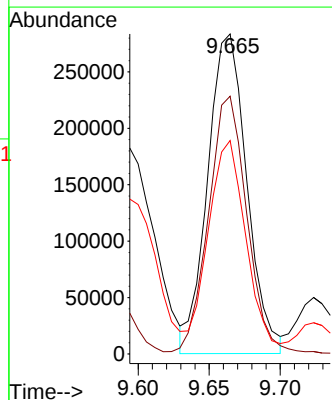
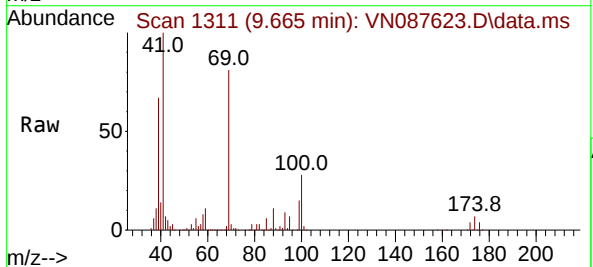
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

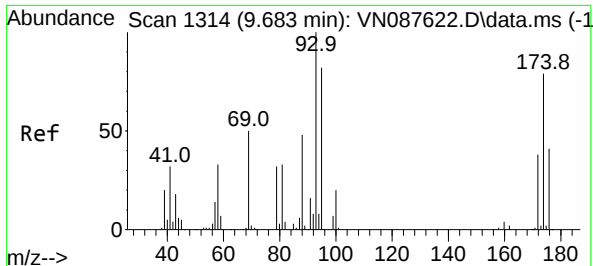
Tgt Ion: 83 Resp: 613683
Ion Ratio Lower Upper
83 100
85 61.2 52.5 78.7
127 7.3 5.8 8.6



#48
Methyl methacrylate
Concen: 101.141 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 41 Resp: 543991
Ion Ratio Lower Upper
41 100
69 79.5 62.7 94.1
39 65.3 52.9 79.3





#49

1,4-Dioxane

Concen: 2137.188 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

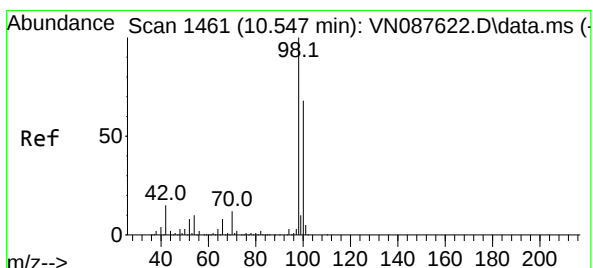
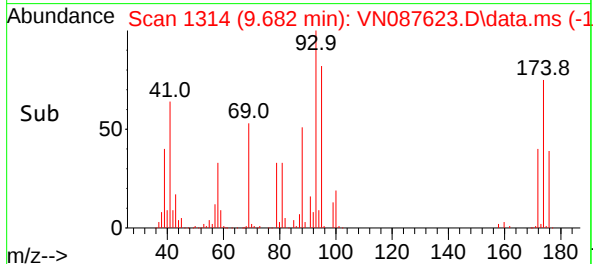
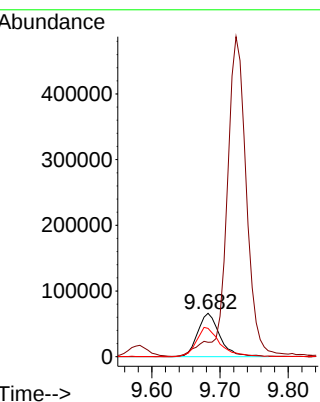
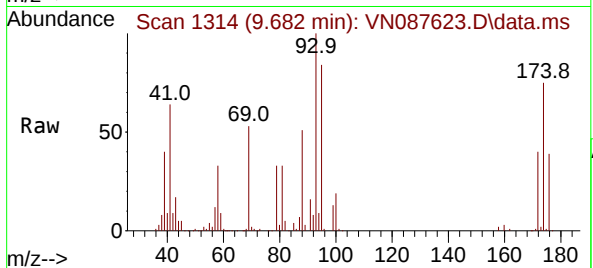
Tgt Ion: 88 Resp: 148991

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.9 57.9 86.9



#50

Toluene-d8

Concen: 104.177 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087623.D

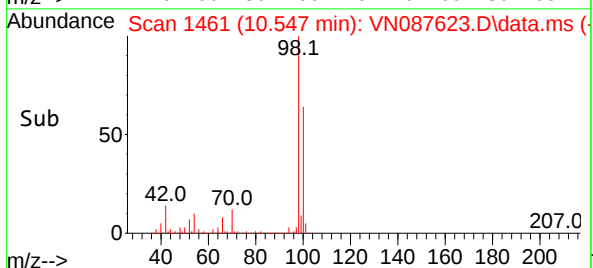
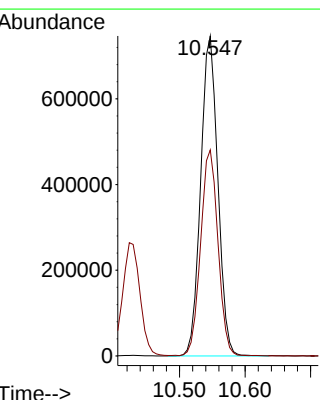
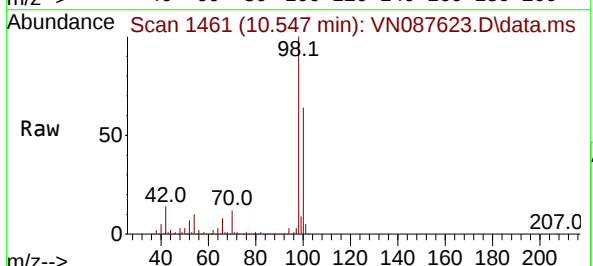
Acq: 21 Aug 2025 14:23

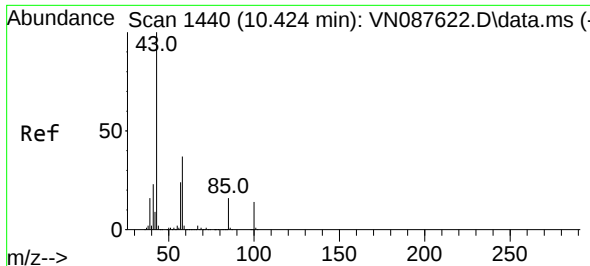
Tgt Ion: 98 Resp: 1354664

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2

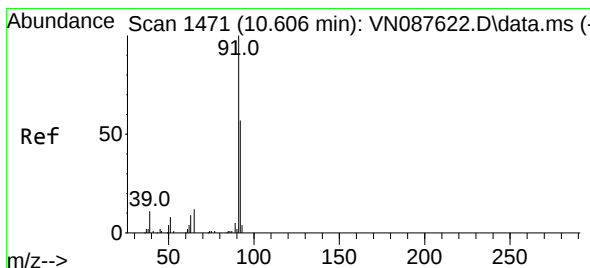
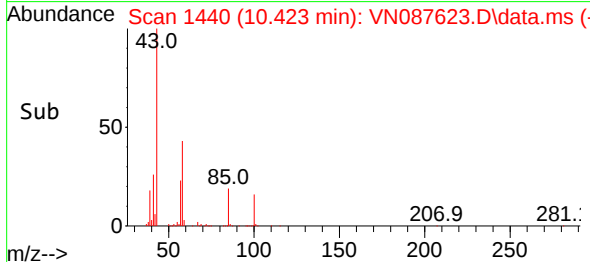
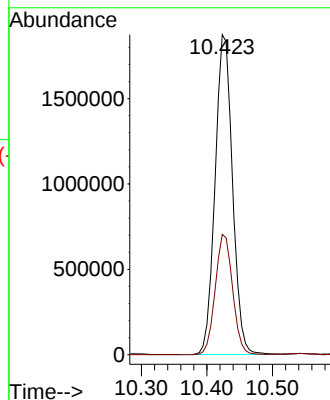
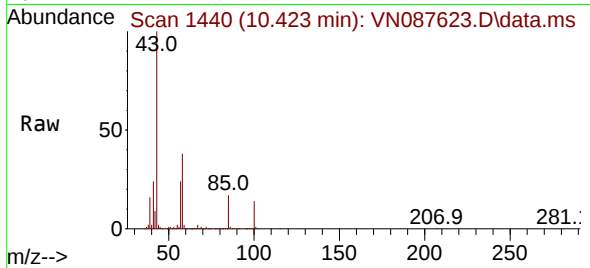




#51
4-Methyl-2-Pentanone
Concen: 503.673 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

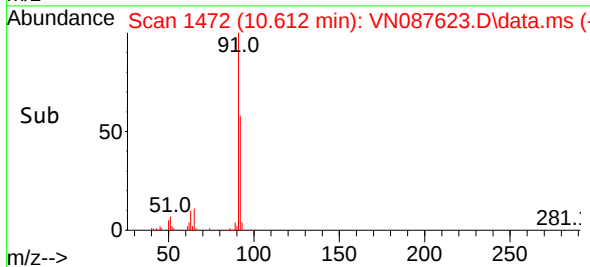
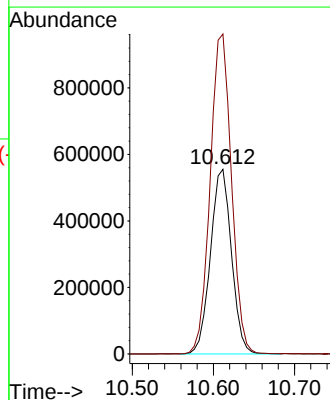
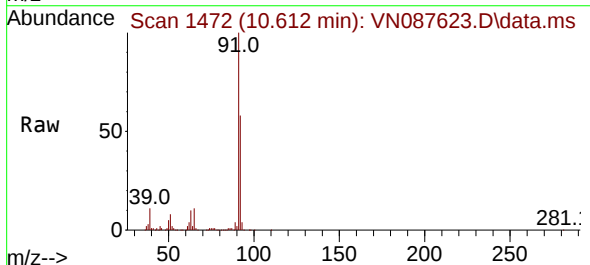
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

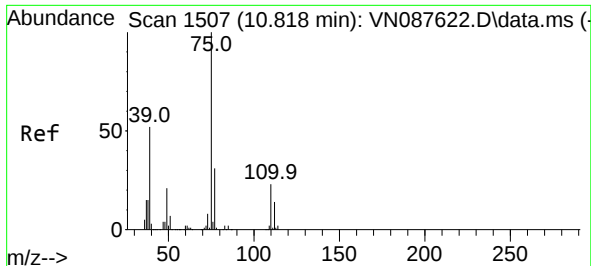
Tgt Ion: 43 Resp: 3455510
Ion Ratio Lower Upper
43 100
58 37.5 29.6 44.4



#52
Toluene
Concen: 98.507 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 92 Resp: 998331
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6

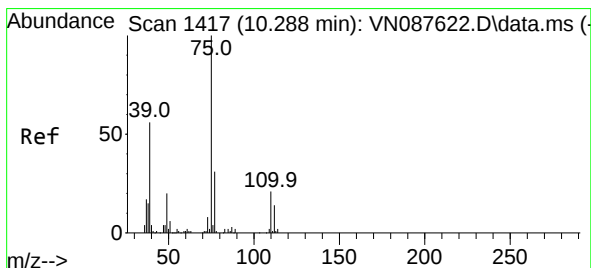
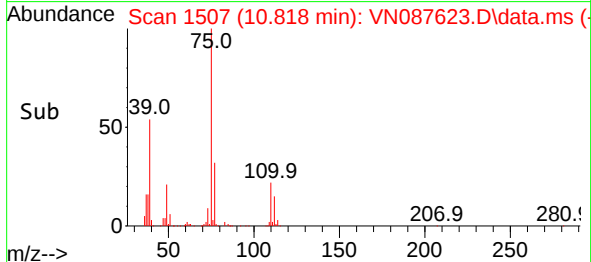
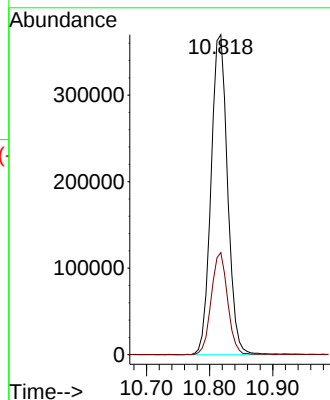
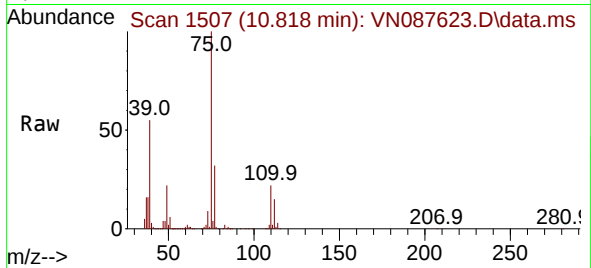




#53
 t-1,3-Dichloropropene
 Concen: 103.410 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

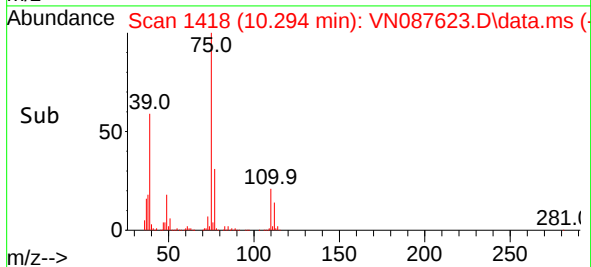
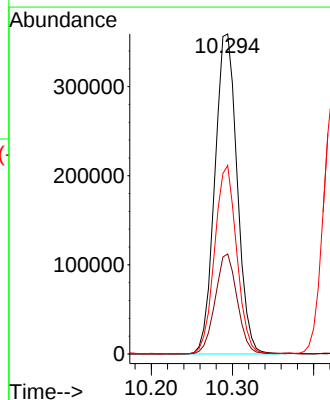
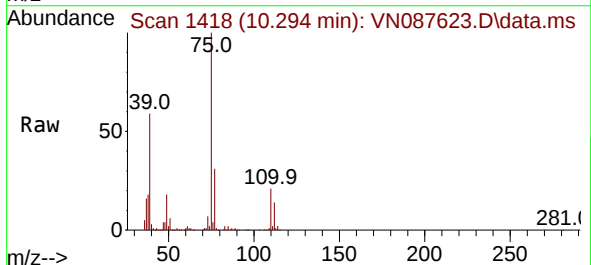
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

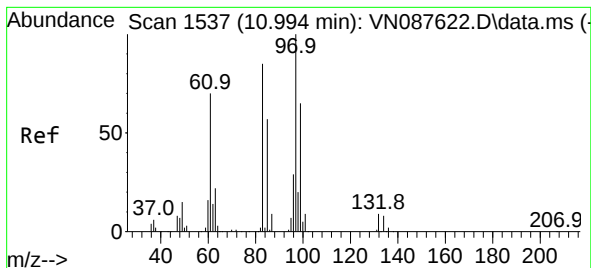
Tgt Ion: 75 Resp: 672690
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 101.709 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Tgt Ion: 75 Resp: 686982
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0
 39 58.8 45.2 67.8



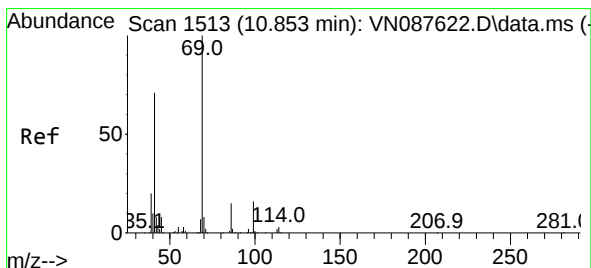
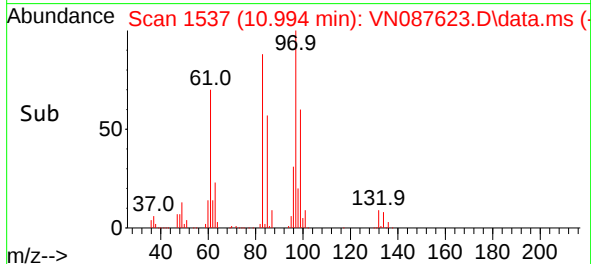
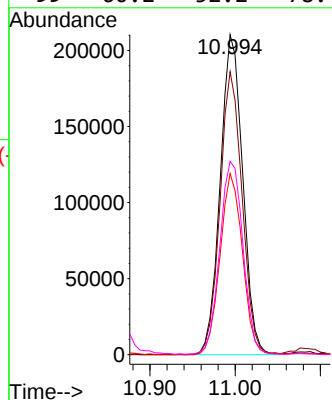
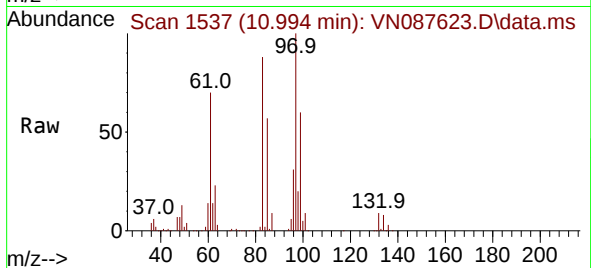


#55
 1,1,2-Trichloroethane
 Concen: 98.234 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 385129

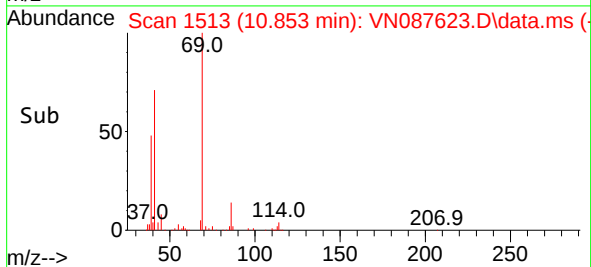
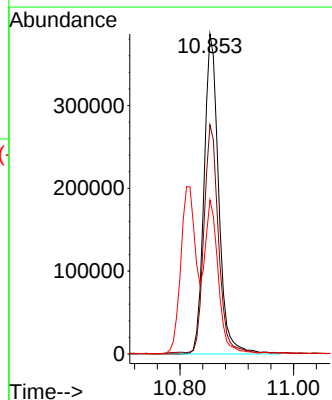
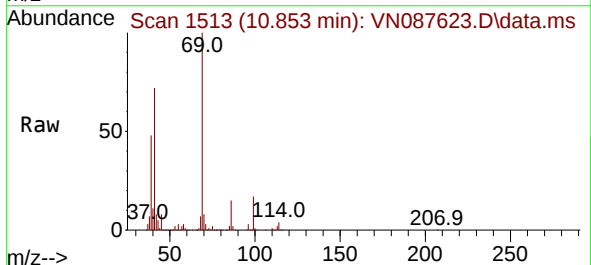
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.2	102.4
85	56.5	45.5	68.3
99	60.2	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 109.827 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Tgt Ion: 69 Resp: 688119

Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.5	84.7
39	44.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 98.241 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

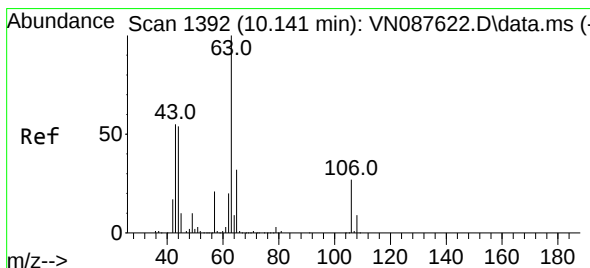
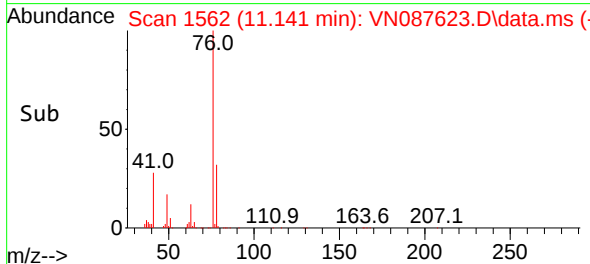
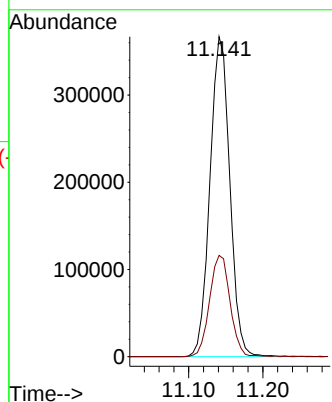
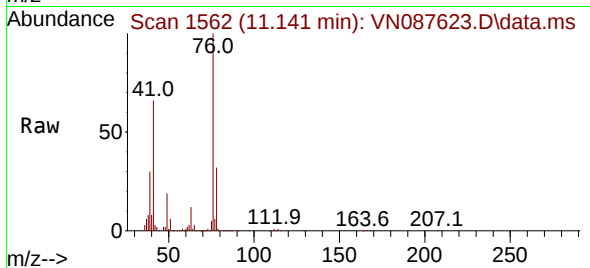
VSTDIC100

Tgt Ion: 76 Resp: 681646

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 530.602 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087623.D

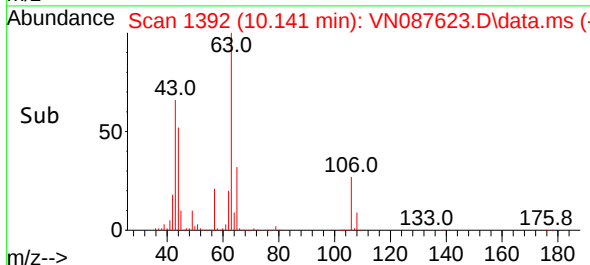
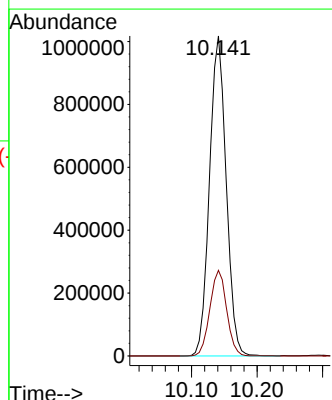
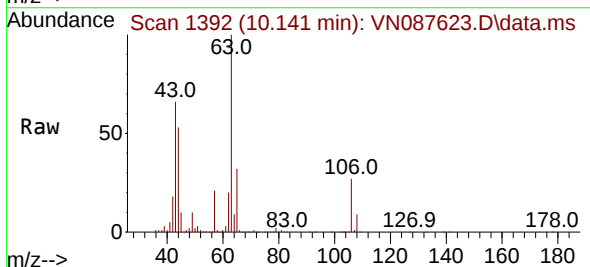
Acq: 21 Aug 2025 14:23

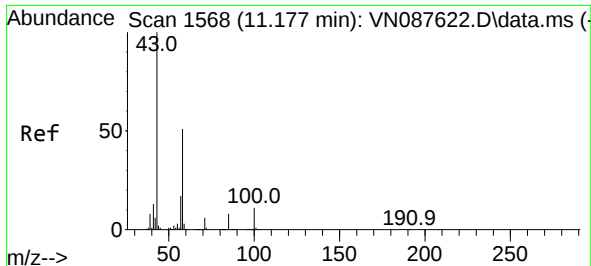
Tgt Ion: 63 Resp: 1799387

Ion Ratio Lower Upper

63 100

106 26.9 21.1 31.7

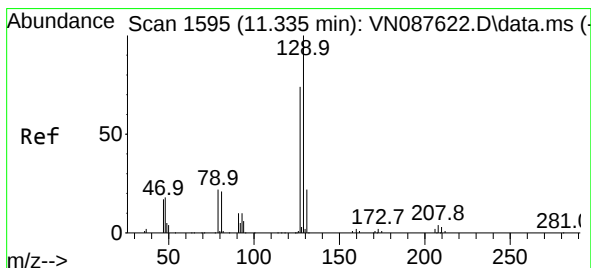
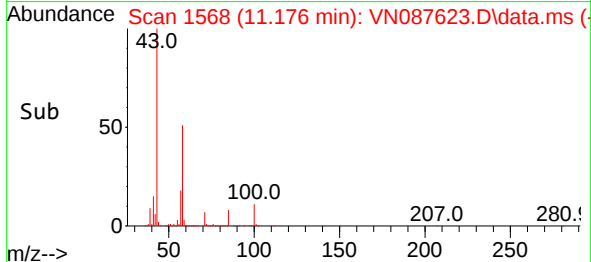
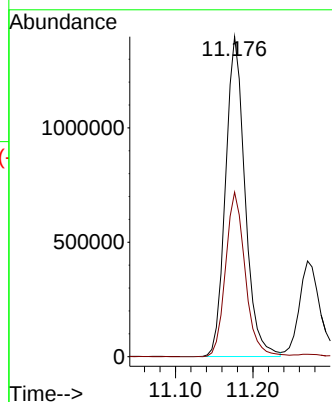
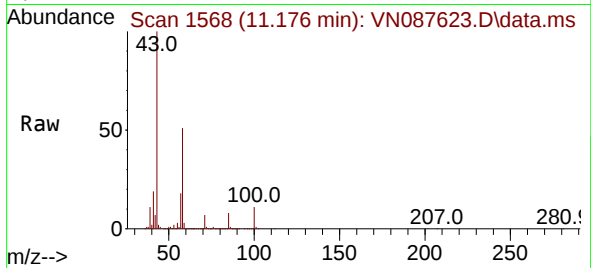




#59
2-Hexanone
Concen: 563.903 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

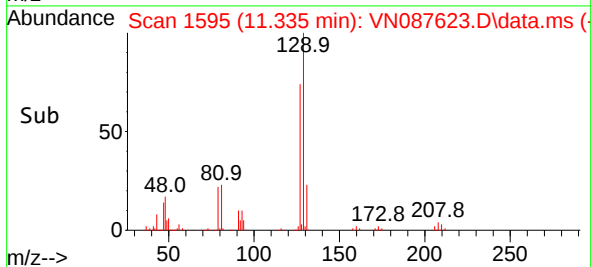
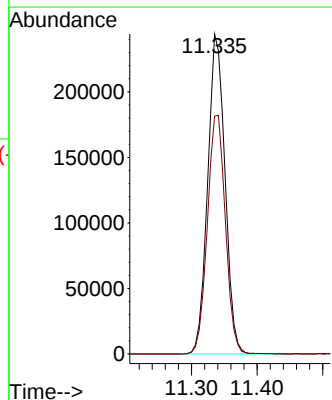
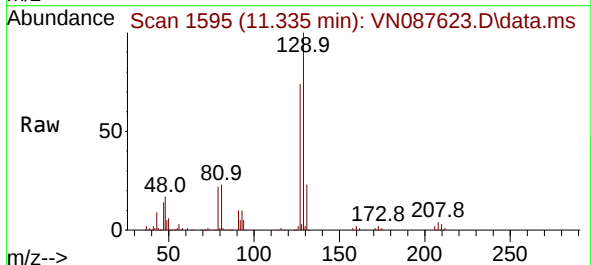
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

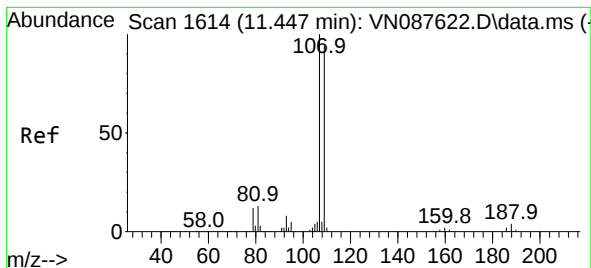
Tgt Ion: 43 Resp: 2445031
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 98.572 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 129 Resp: 447781
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 99.836 ug/l

RT: 11.447 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

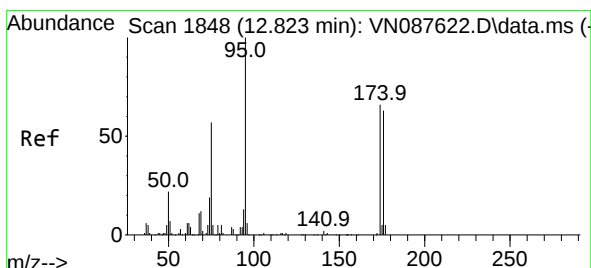
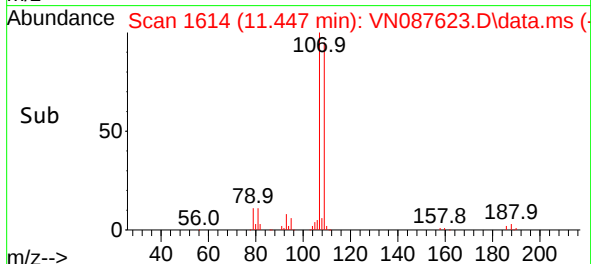
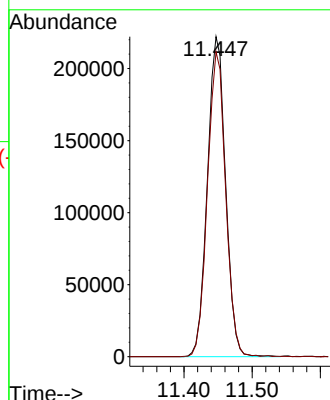
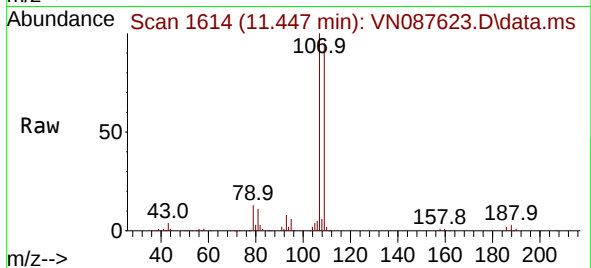
VSTDIC100

Tgt Ion:107 Resp: 412721

Ion Ratio Lower Upper

107 100

109 95.2 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 106.930 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

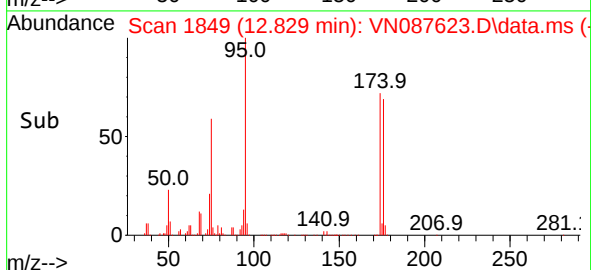
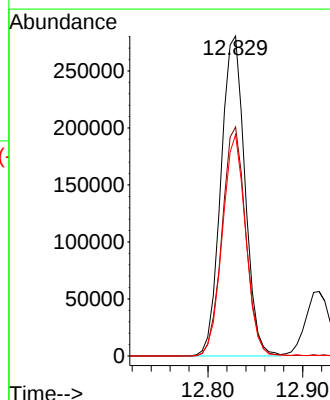
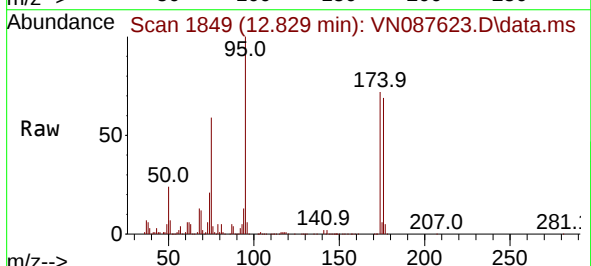
Tgt Ion: 95 Resp: 494494

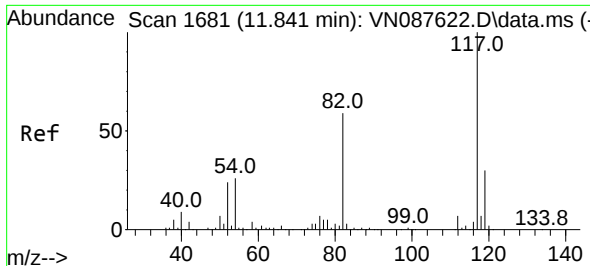
Ion Ratio Lower Upper

95 100

174 70.6 0.0 138.4

176 67.2 0.0 132.6

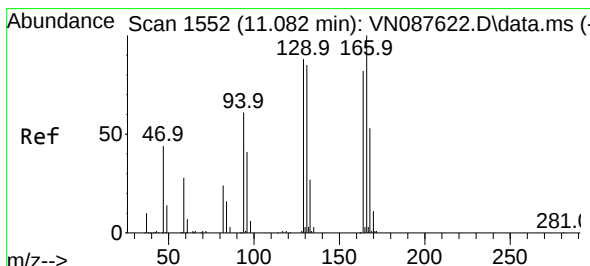
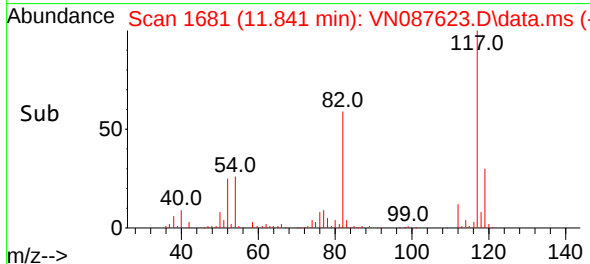
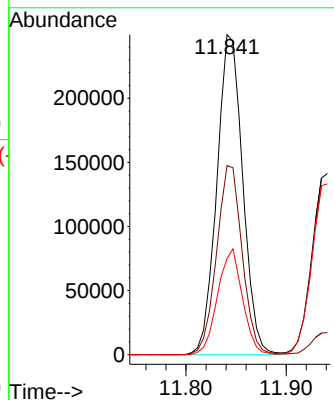
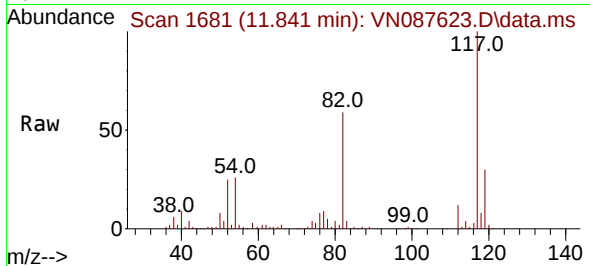




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

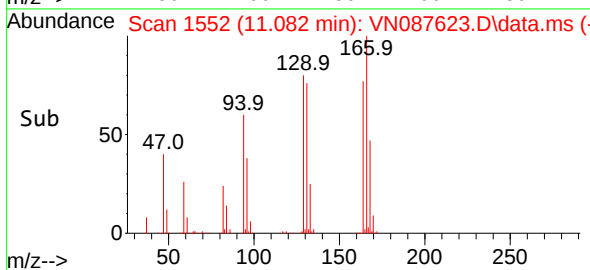
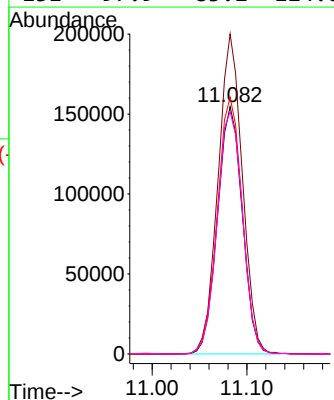
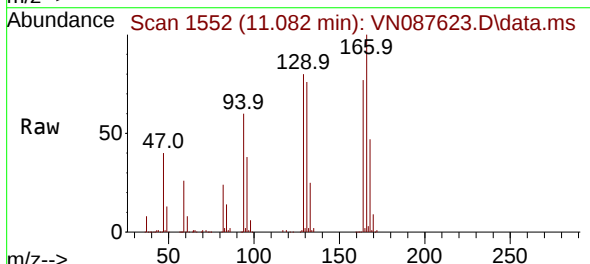
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

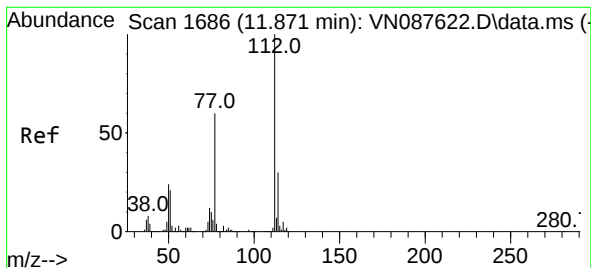
Tgt Ion:117 Resp: 447994
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 30.0 24.3 36.5



#64
Tetrachloroethene
Concen: 90.747 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:164 Resp: 282055
Ion Ratio Lower Upper
164 100
166 129.4 97.7 146.5
129 103.8 85.9 128.9
131 97.9 83.2 124.8

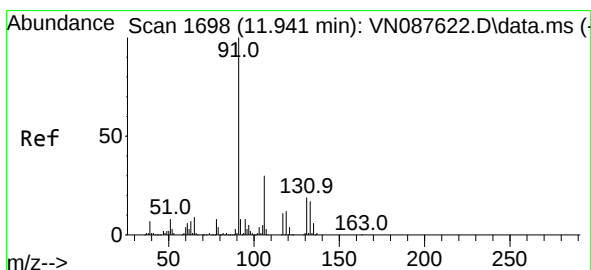
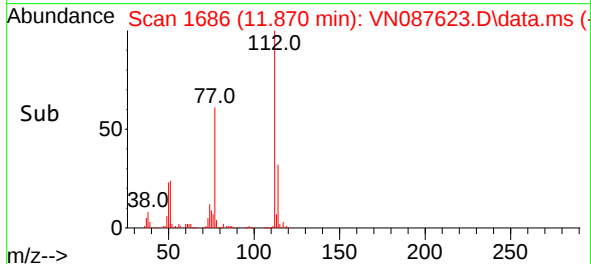
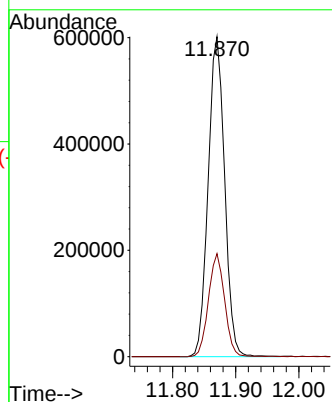
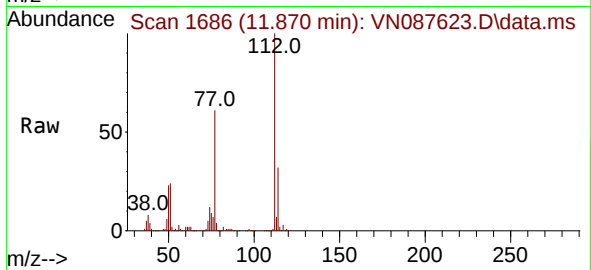




#65
Chlorobenzene
Concen: 97.756 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

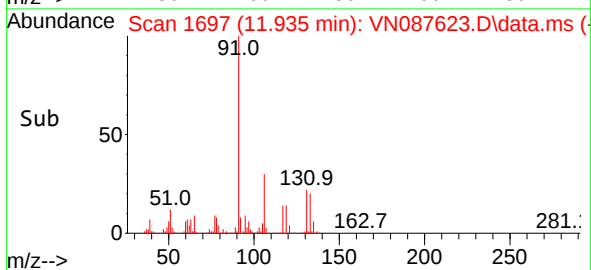
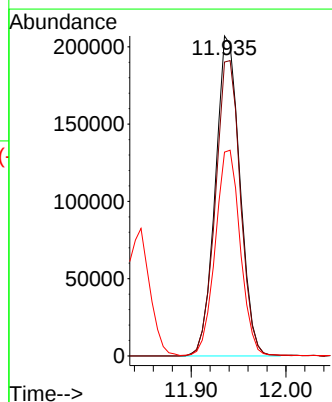
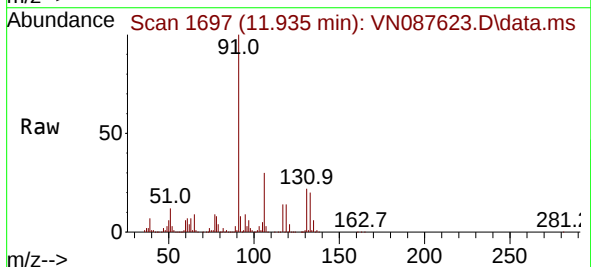
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

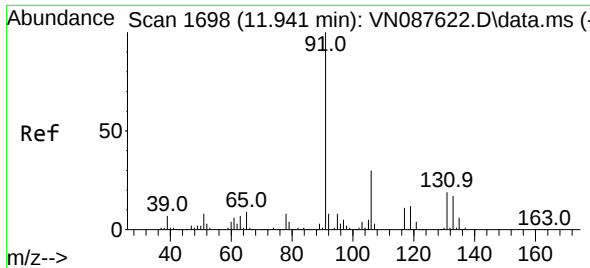
Tgt Ion:112 Resp: 1089532
Ion Ratio Lower Upper
112 100
114 32.2 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 100.851 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:131 Resp: 373160
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.0
119 65.4 32.6 97.7

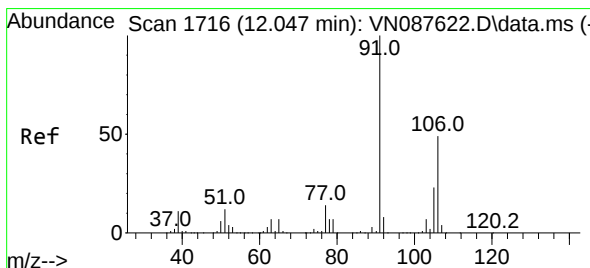
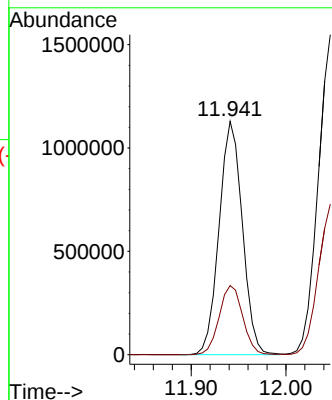
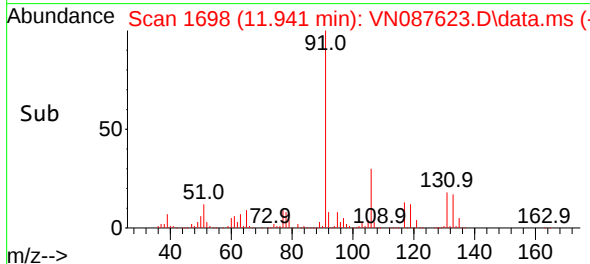
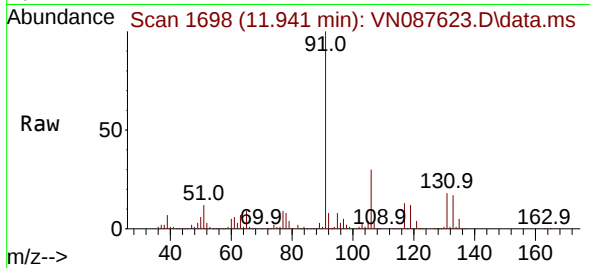




#67
Ethyl Benzene
Concen: 99.914 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

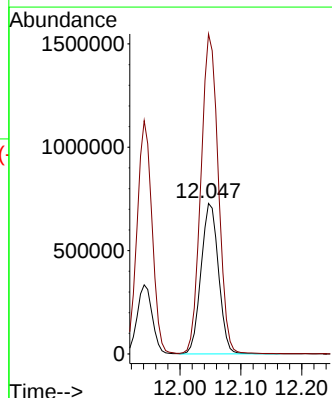
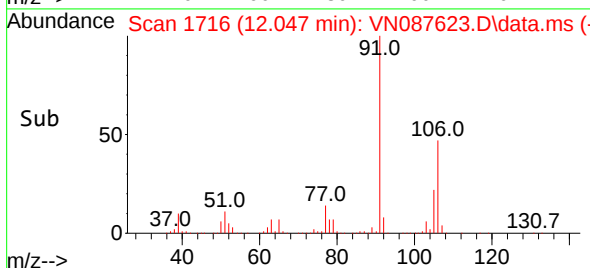
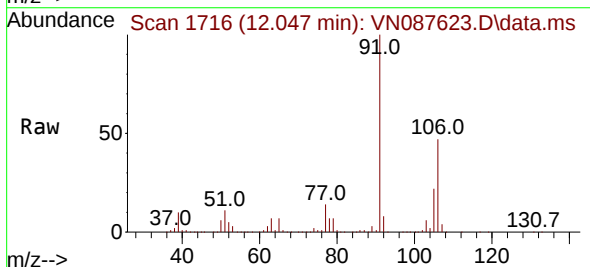
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

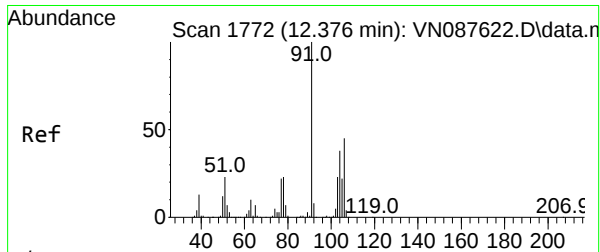
Tgt Ion: 91 Resp: 1928084
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1



#68
m/p-Xylenes
Concen: 204.677 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:106 Resp: 1448543
Ion Ratio Lower Upper
106 100
91 212.0 169.3 253.9

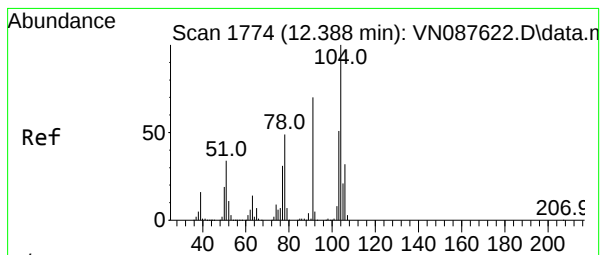
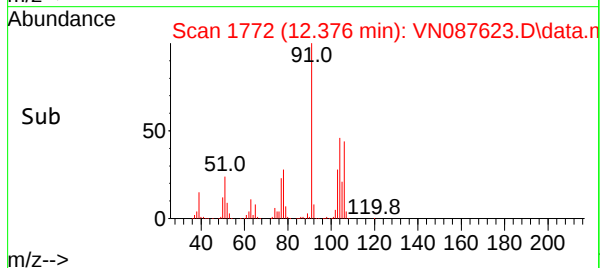
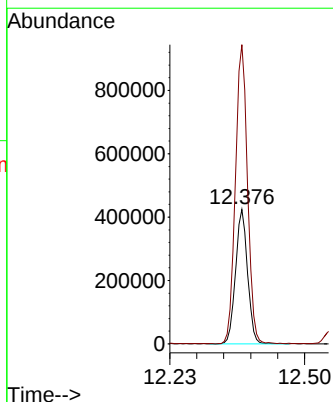
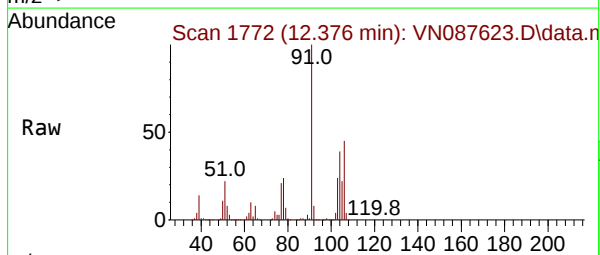




#69
o-Xylene
Concen: 101.775 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

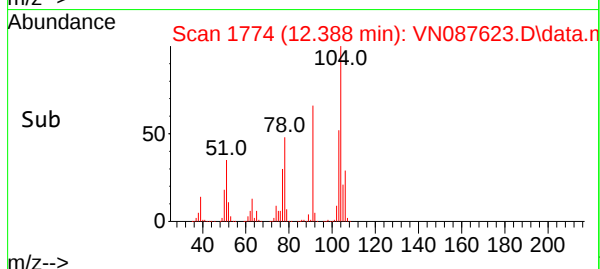
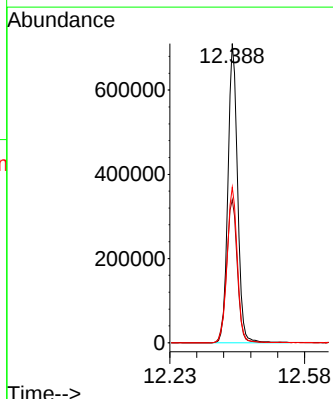
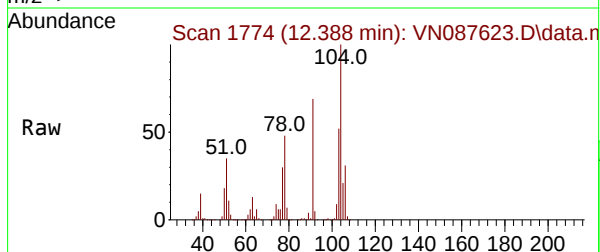
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

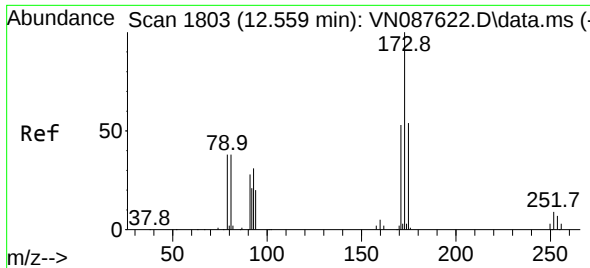
Tgt Ion:106 Resp: 705872
Ion Ratio Lower Upper
106 100
91 225.0 111.4 334.2



#70
Styrene
Concen: 106.913 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:104 Resp: 1242271
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 55.1 43.4 65.2

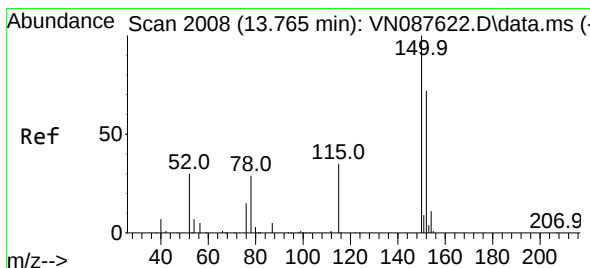
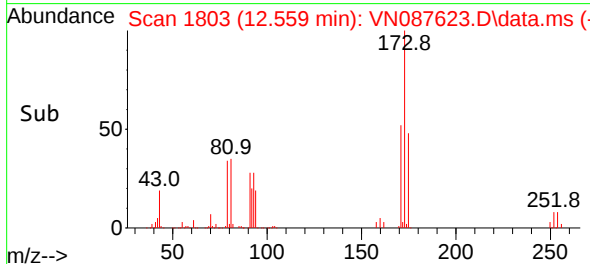
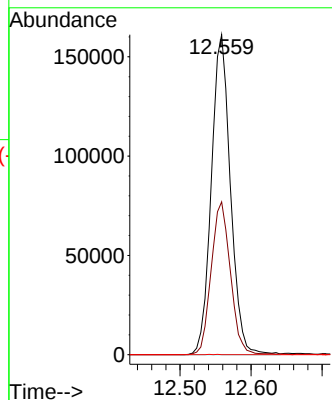
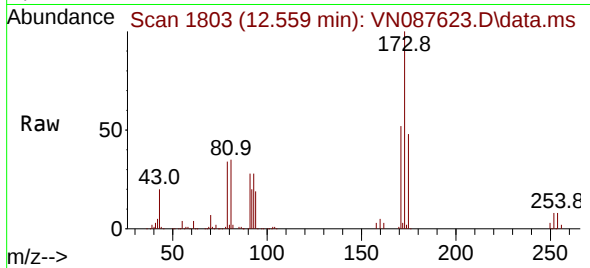




#71
Bromoform
Concen: 106.042 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

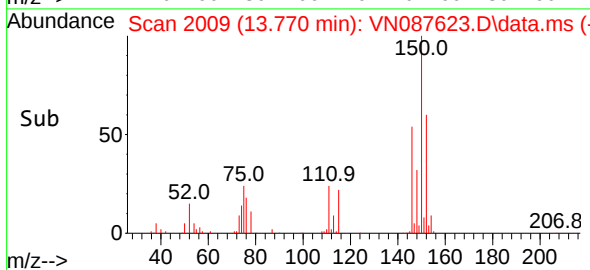
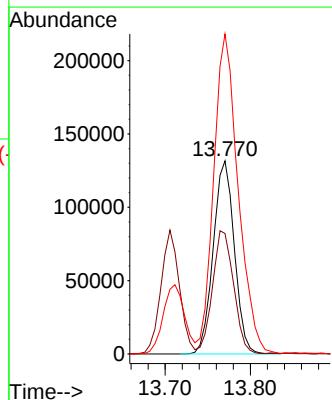
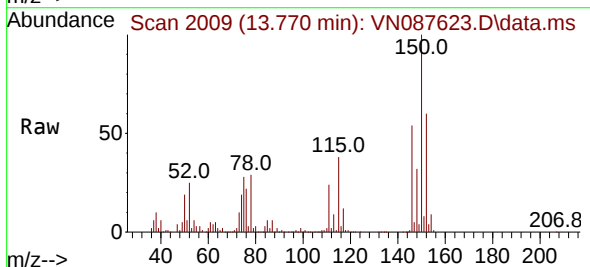
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

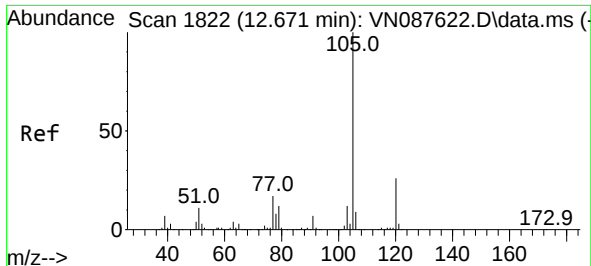
Tgt Ion:173 Resp: 300919
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion:152 Resp: 226864
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 191.0 0.0 351.0

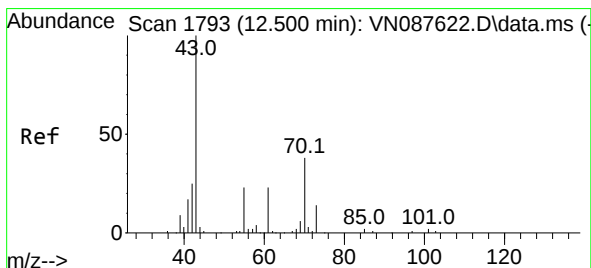
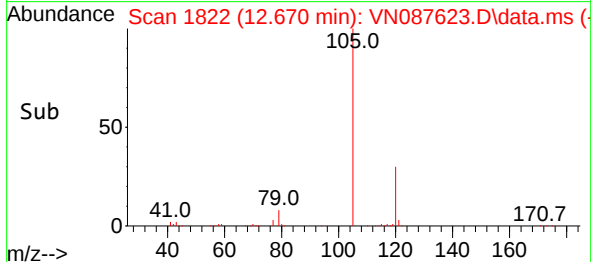
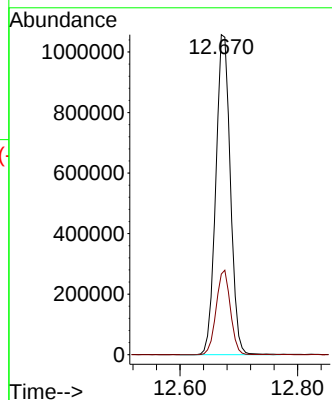
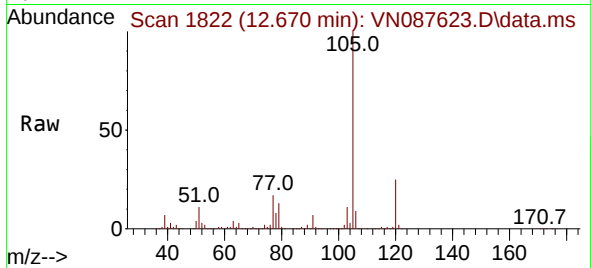




#73
Isopropylbenzene
Concen: 98.947 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

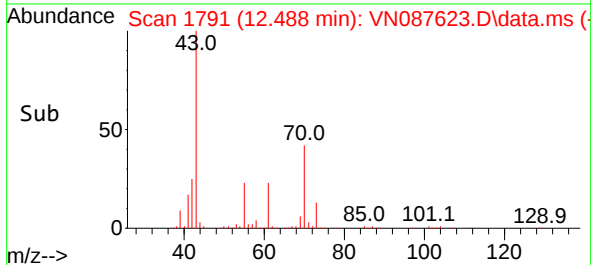
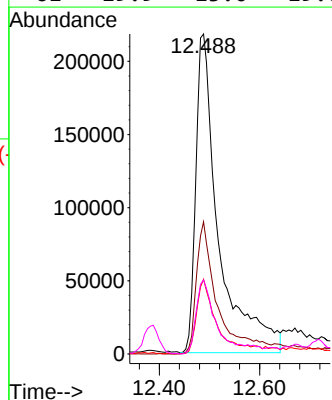
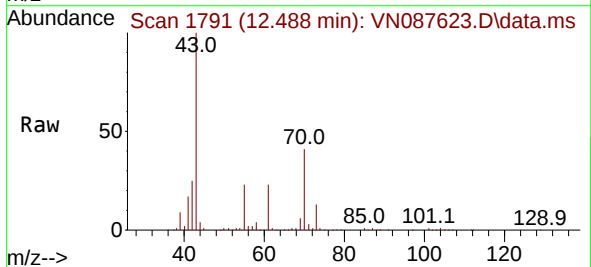
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

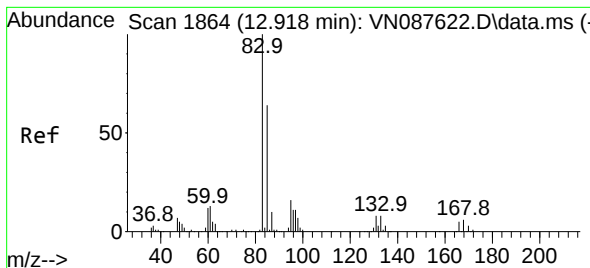
Tgt Ion:105 Resp: 1813905
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 98.225 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 43 Resp: 692783
Ion Ratio Lower Upper
43 100
70 38.6 27.6 41.4
55 20.1 13.0 19.6#
61 19.9 13.0 19.6#

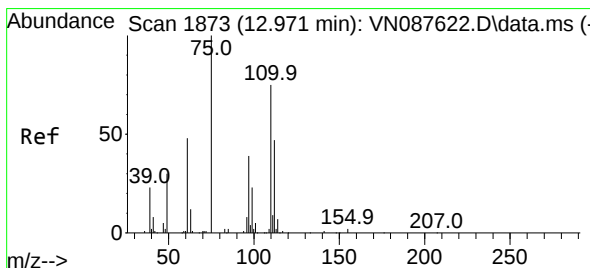
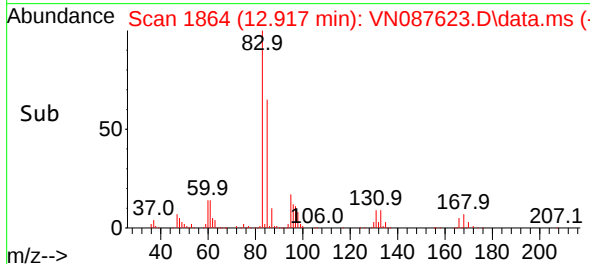
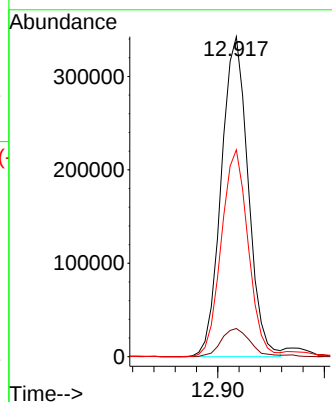
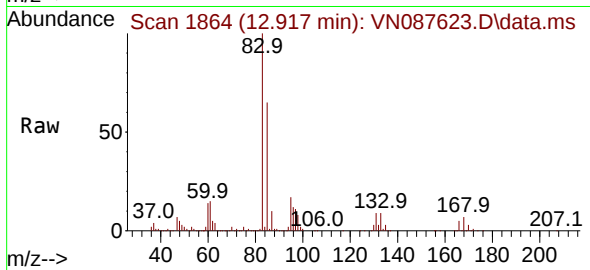




#75
1,1,2,2-Tetrachloroethane
Concen: 95.058 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

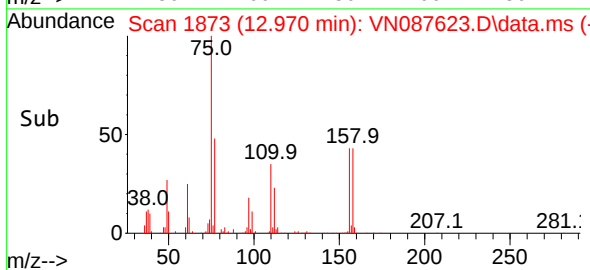
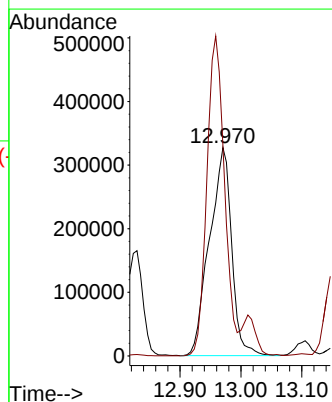
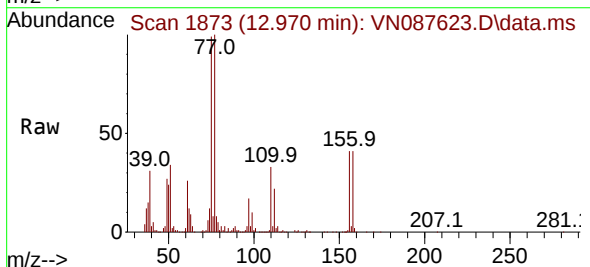
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

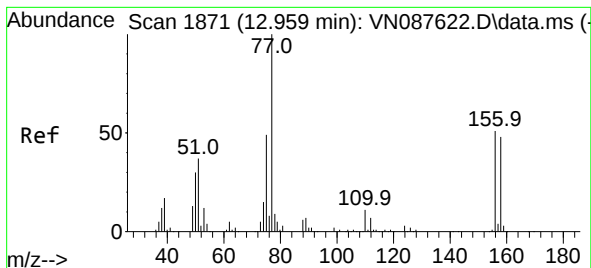
Tgt Ion: 83 Resp: 599955
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 64.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 154.949 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 75 Resp: 826317
Ion Ratio Lower Upper
75 100
77 121.9 89.1 267.4





#77

Bromobenzene

Concen: 97.488 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

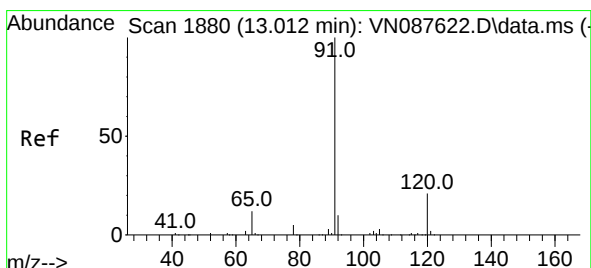
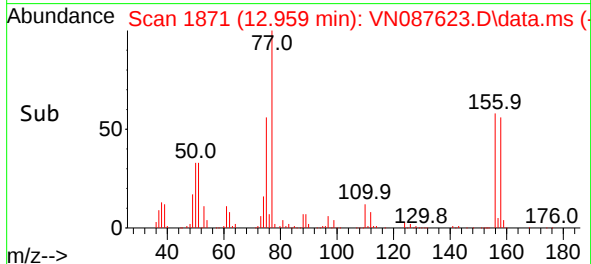
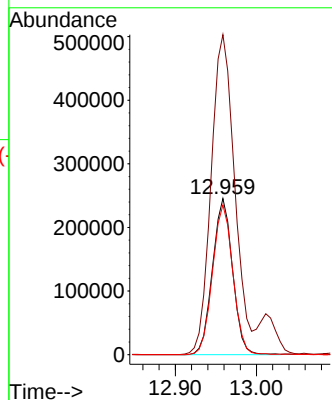
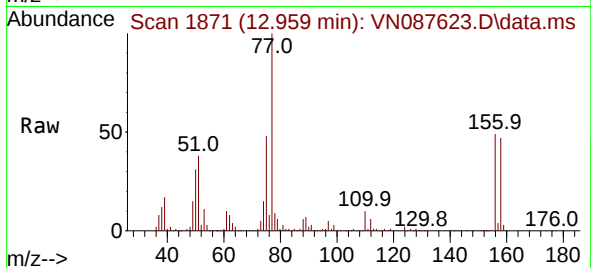
Tgt Ion:156 Resp: 421382

Ion Ratio Lower Upper

156 100

77 239.1 119.3 358.0

158 97.0 48.2 144.6



#78

n-propylbenzene

Concen: 99.764 ug/l

RT: 13.011 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087623.D

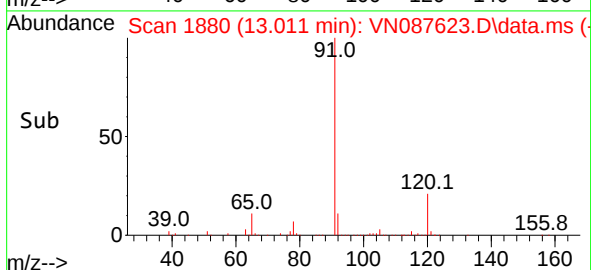
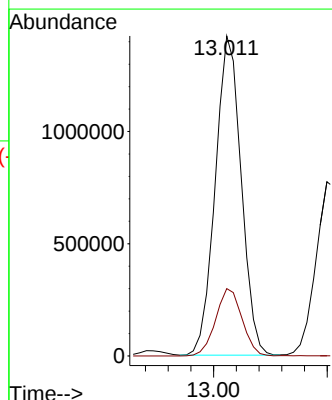
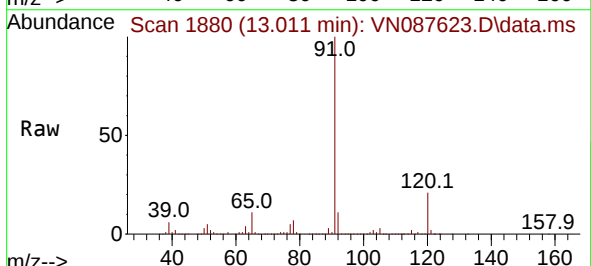
Acq: 21 Aug 2025 14:23

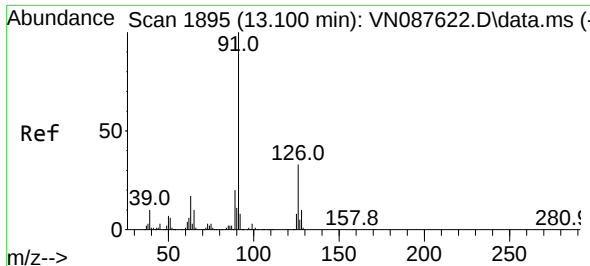
Tgt Ion: 91 Resp: 2252725

Ion Ratio Lower Upper

91 100

120 21.5 10.7 32.1

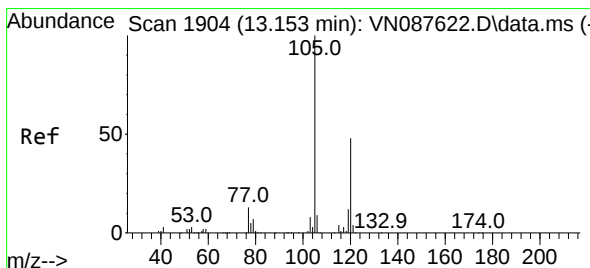
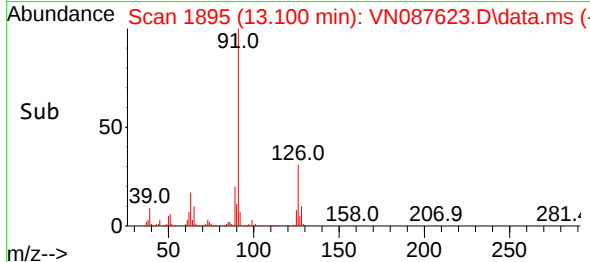
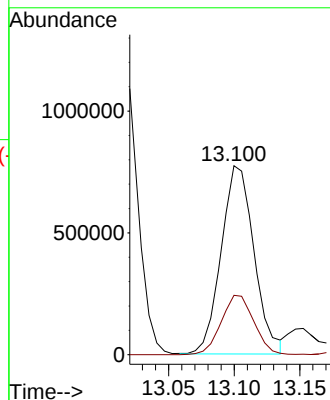
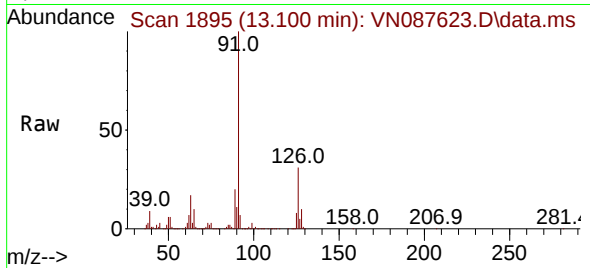




#79
2-Chlorotoluene
Concen: 99.349 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

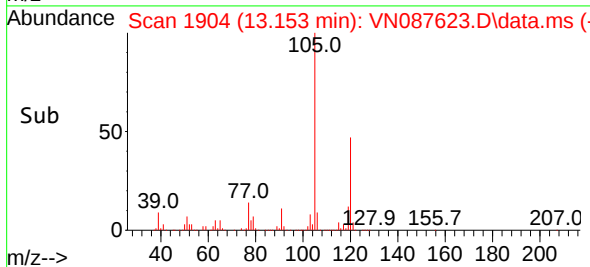
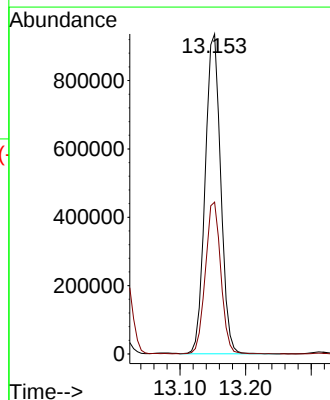
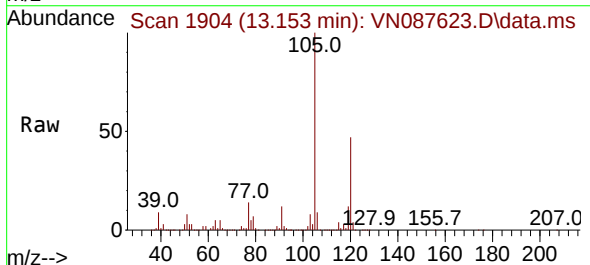
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

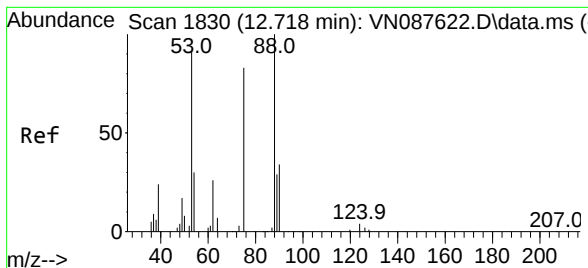
Tgt Ion: 91 Resp: 1350026
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 99.138 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 105 Resp: 1541753
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6

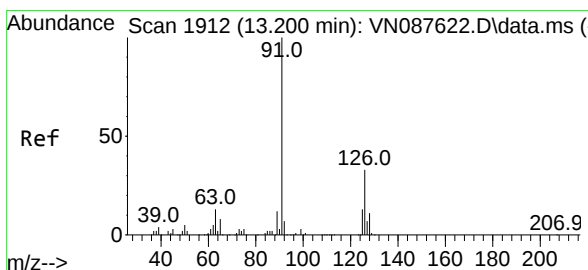
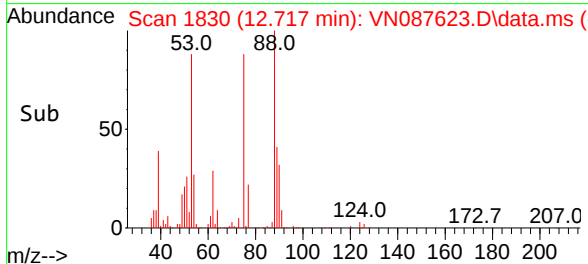
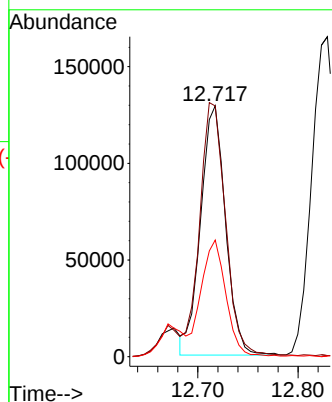
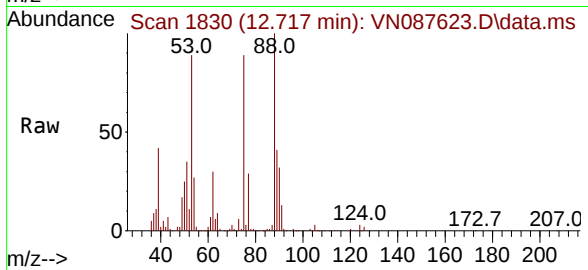




#81
trans-1,4-Dichloro-2-butene
Concen: 111.207 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

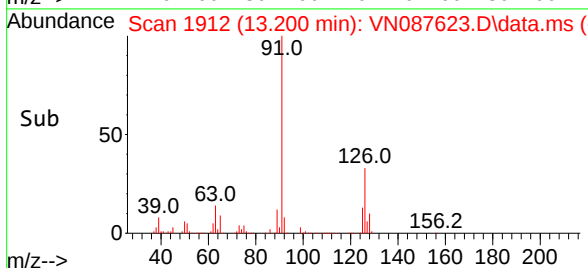
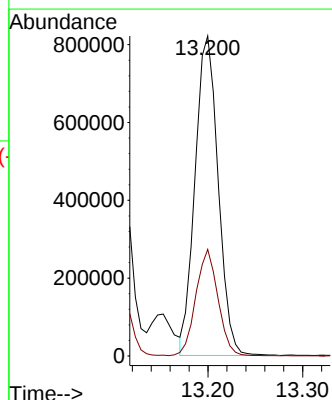
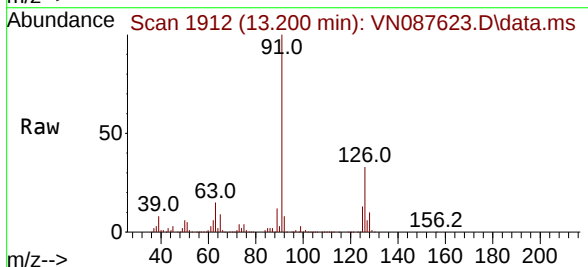
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

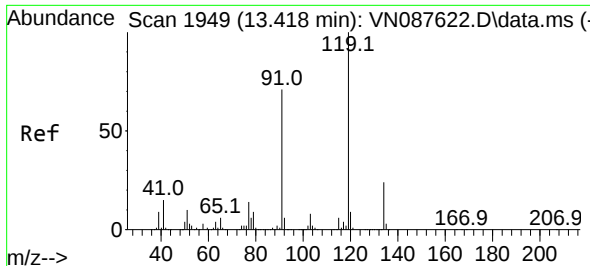
Tgt Ion: 75 Resp: 223478
Ion Ratio Lower Upper
75 100
53 105.2 101.8 152.6
89 46.3 35.6 53.4



#82
4-Chlorotoluene
Concen: 97.464 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 91 Resp: 1392464
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8

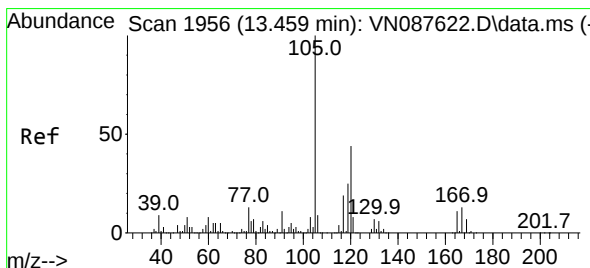
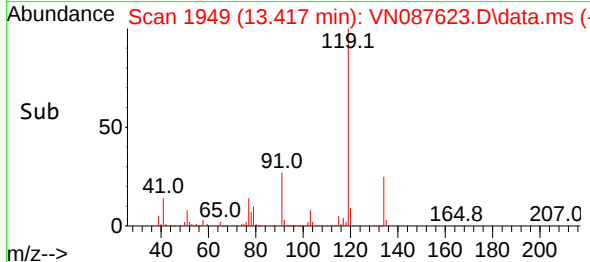
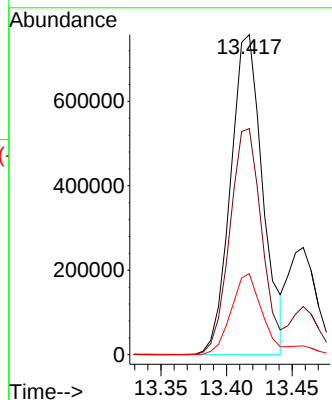
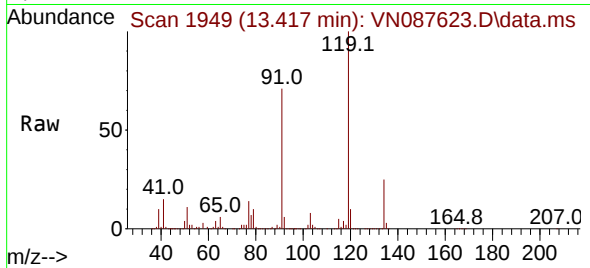




#83
 tert-Butylbenzene
 Concen: 100.022 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

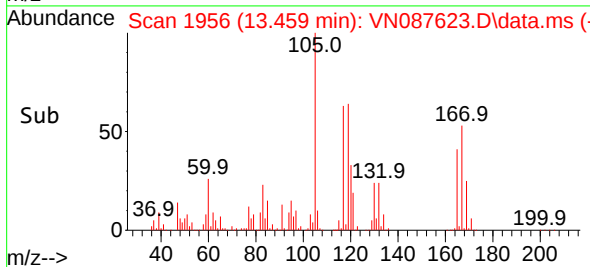
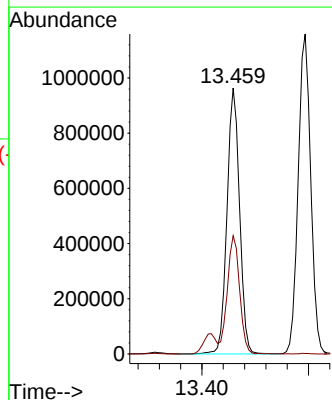
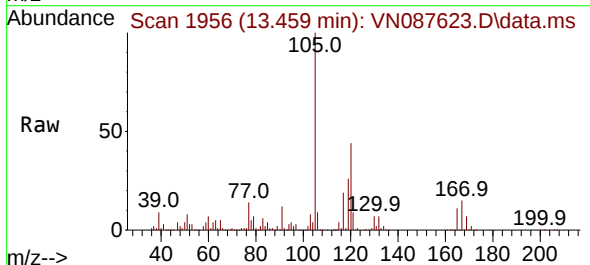
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

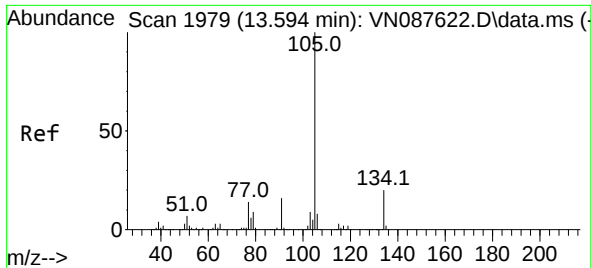
Tgt Ion:119 Resp: 1296218
 Ion Ratio Lower Upper
 119 100
 91 70.0 35.0 105.0
 134 24.5 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 101.155 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Tgt Ion:105 Resp: 1574771
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0

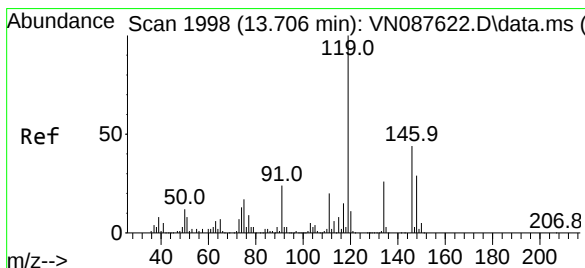
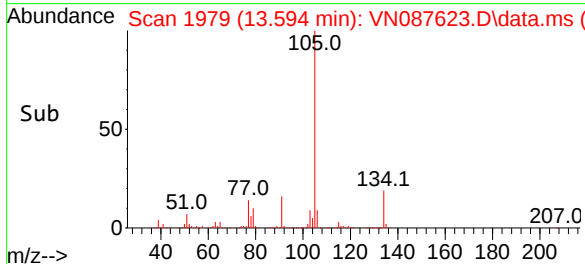
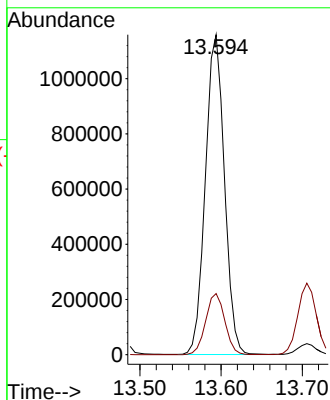
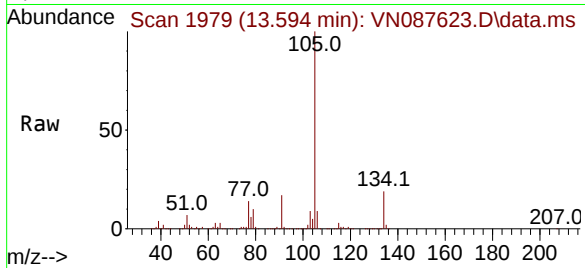




#85
 sec-Butylbenzene
 Concen: 98.213 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

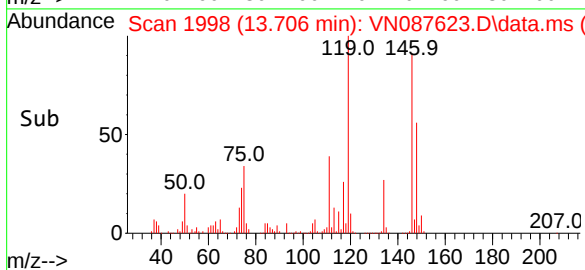
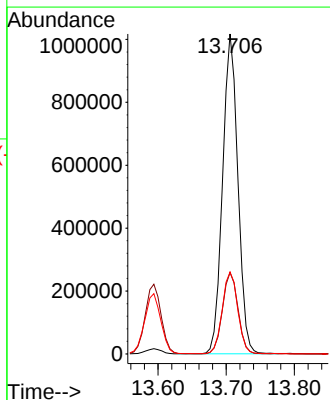
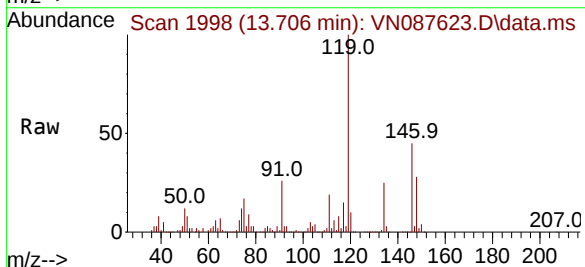
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

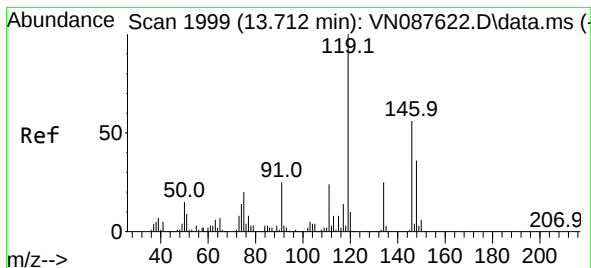
Tgt Ion:105 Resp: 1888785
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 100.064 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087623.D
 Acq: 21 Aug 2025 14:23

Tgt Ion:119 Resp: 1589055
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 25.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 96.262 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

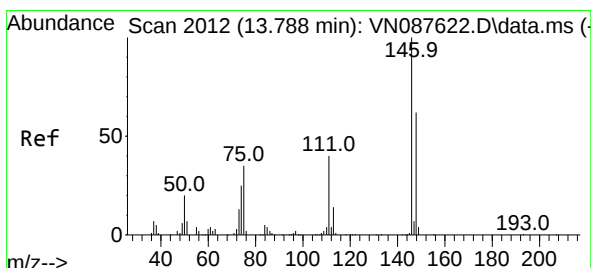
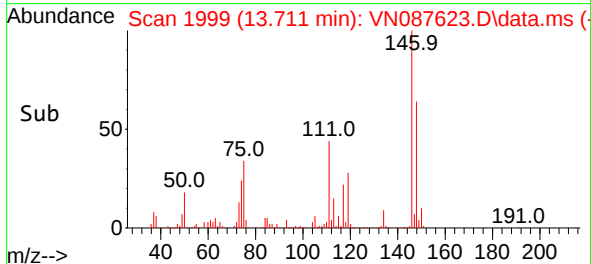
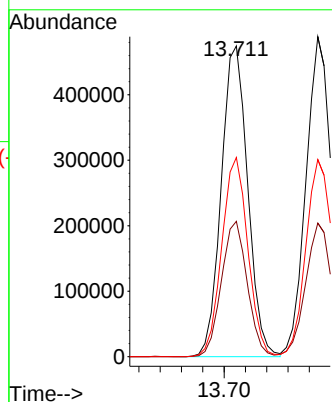
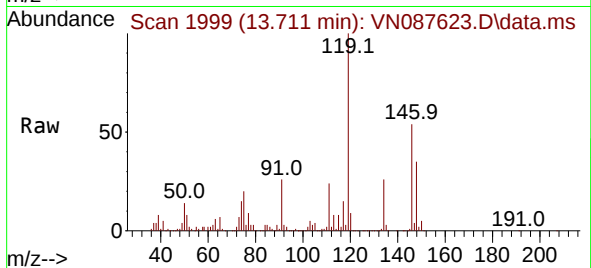
Tgt Ion:146 Resp: 819384

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.5

148 63.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 93.128 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

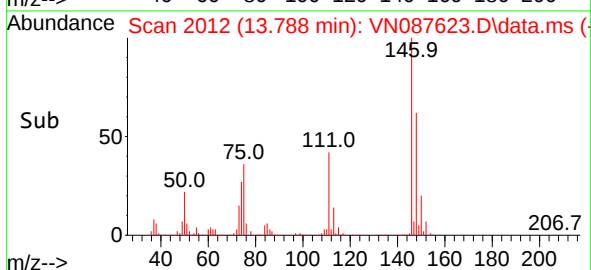
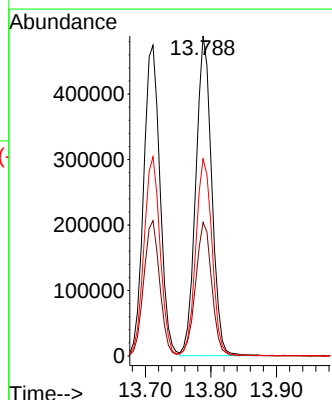
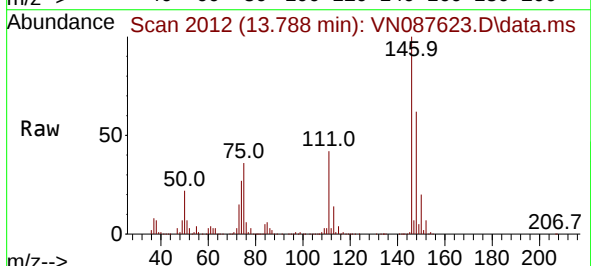
Tgt Ion:146 Resp: 824944

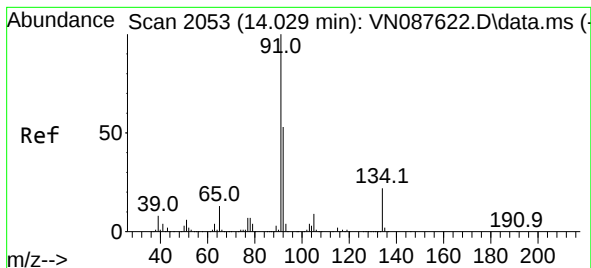
Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 62.8 32.0 96.0





#89

n-Butylbenzene

Concen: 97.761 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

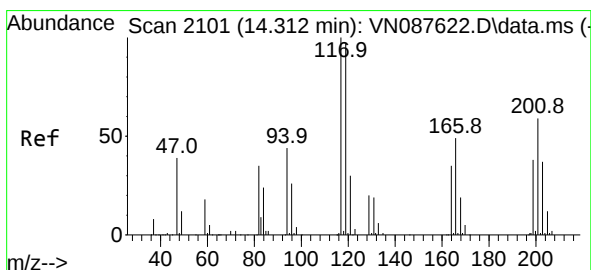
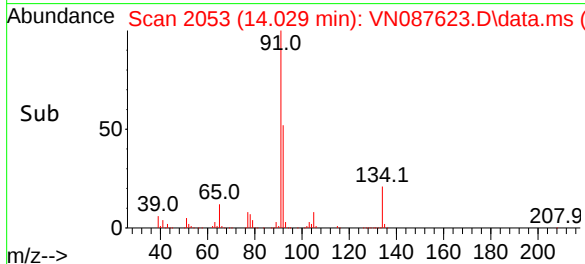
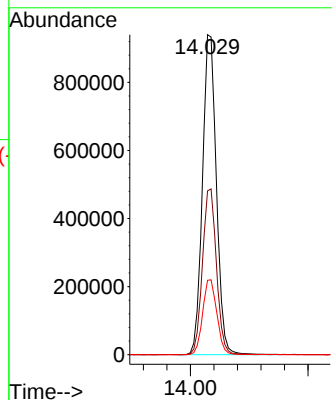
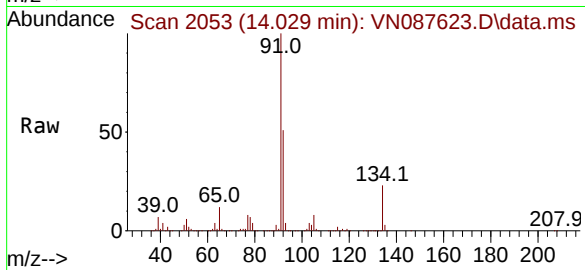
Tgt Ion: 91 Resp: 1541853

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

134 23.9 11.7 35.0



#90

Hexachloroethane

Concen: 97.338 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087623.D

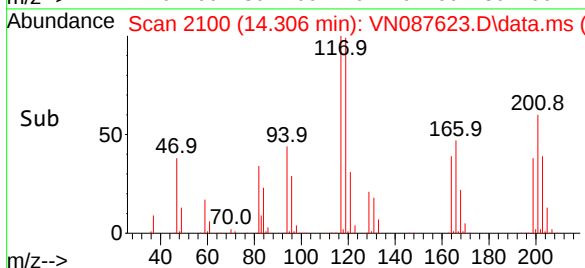
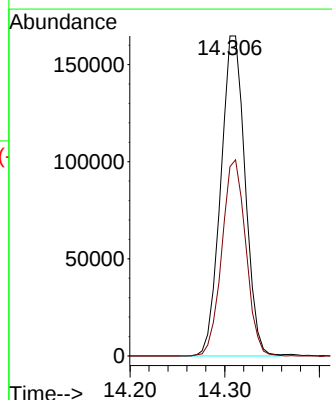
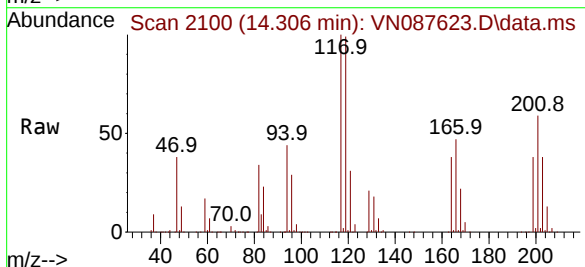
Acq: 21 Aug 2025 14:23

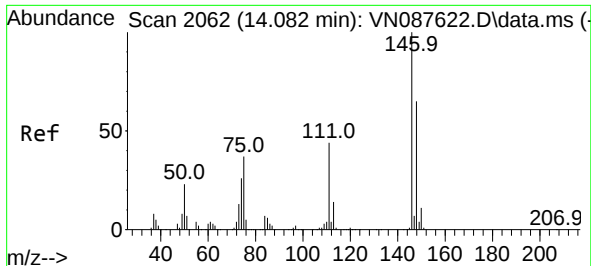
Tgt Ion: 117 Resp: 294494

Ion Ratio Lower Upper

117 100

201 60.2 29.1 87.4

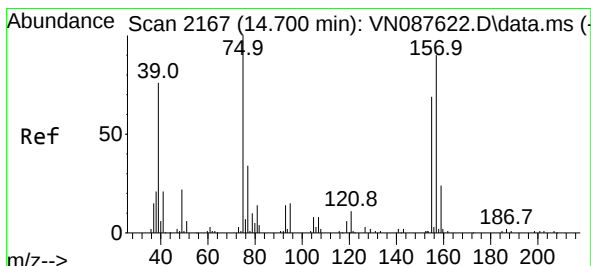
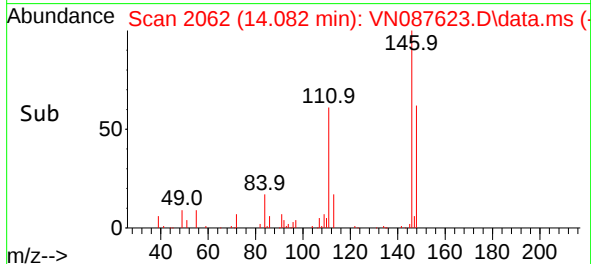
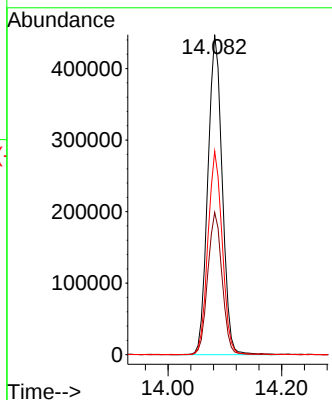
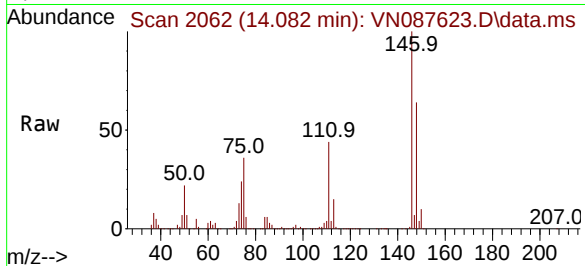




#91
1,2-Dichlorobenzene
Concen: 96.828 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

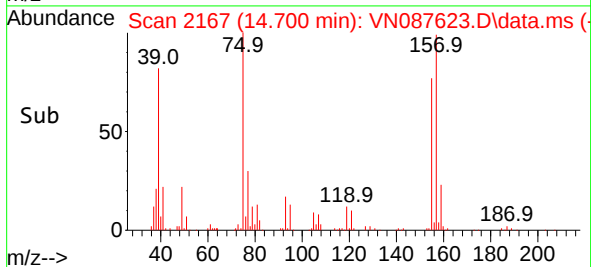
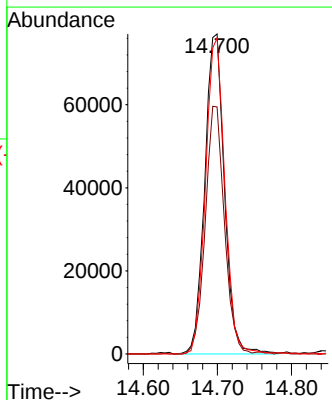
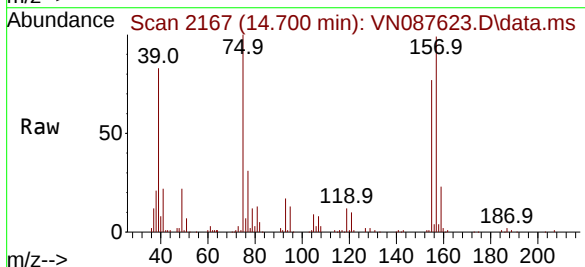
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

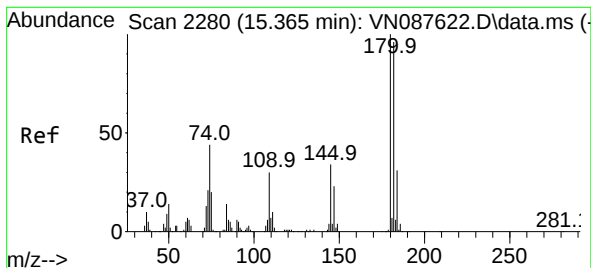
Tgt Ion:146 Resp: 781928
Ion Ratio Lower Upper
146 100
111 44.6 22.6 67.8
148 63.3 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.833 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087623.D
Acq: 21 Aug 2025 14:23

Tgt Ion: 75 Resp: 142185
Ion Ratio Lower Upper
75 100
155 75.3 36.6 109.9
157 96.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 97.272 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

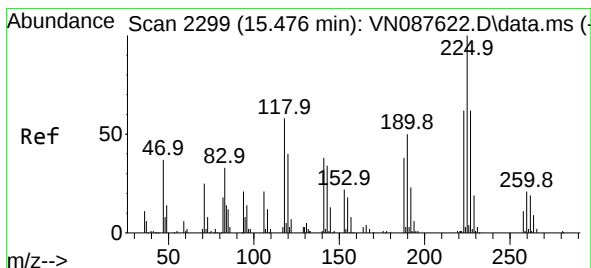
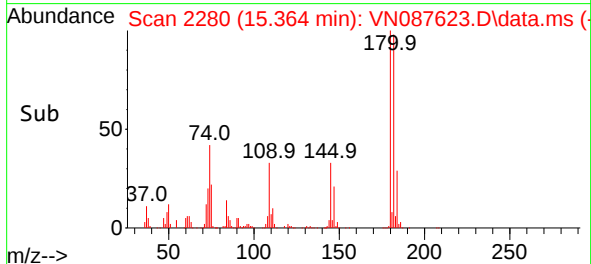
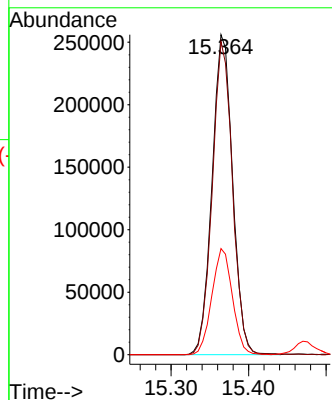
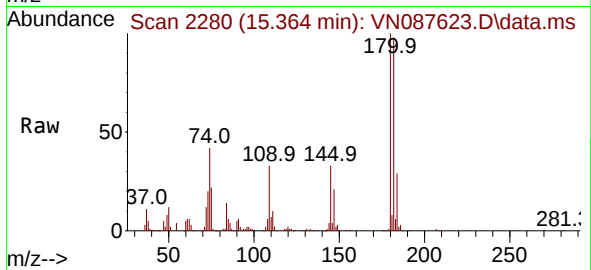
Tgt Ion:180 Resp: 471693

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 33.1 16.5 49.5



#94

Hexachlorobutadiene

Concen: 90.896 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

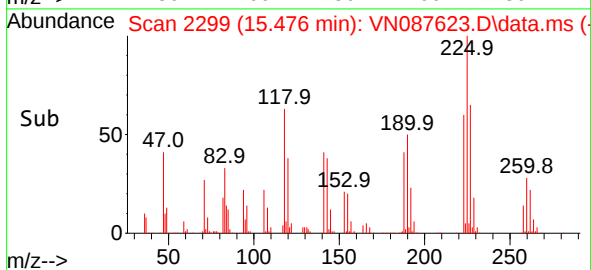
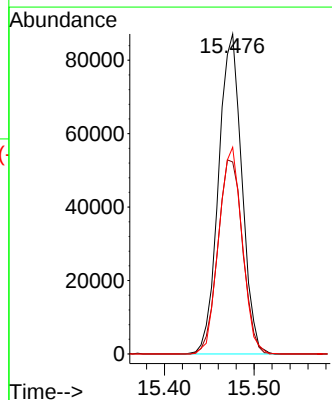
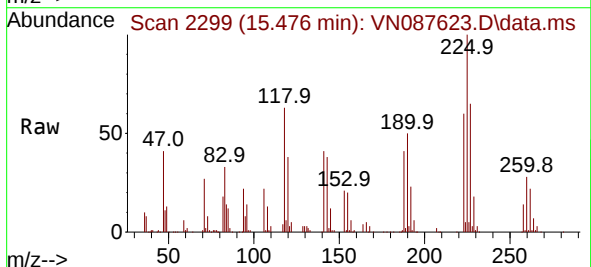
Tgt Ion:225 Resp: 157139

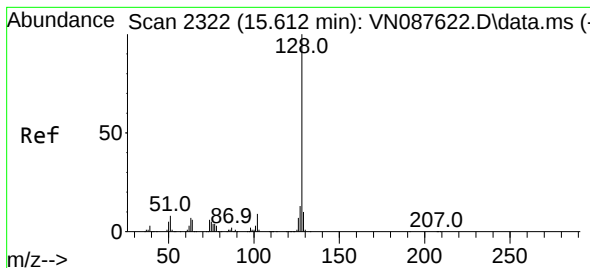
Ion Ratio Lower Upper

225 100

223 64.7 32.0 96.2

227 64.8 32.1 96.5





#95

Naphthalene

Concen: 103.462 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

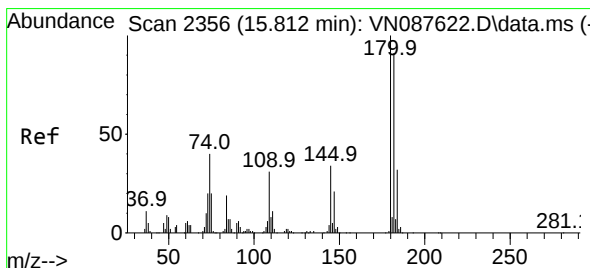
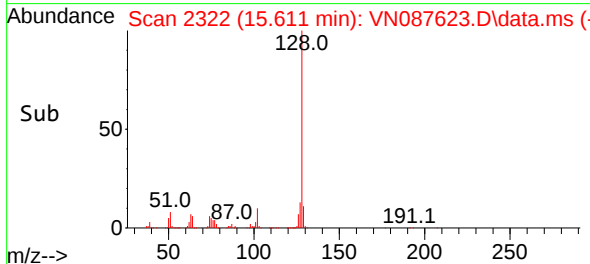
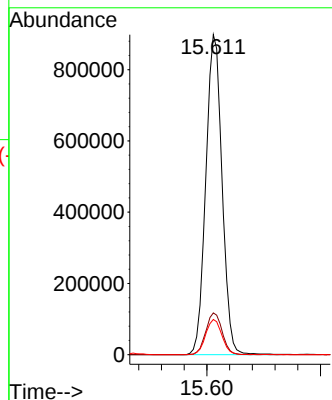
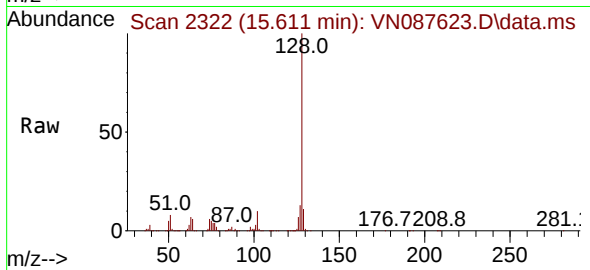
Tgt Ion:128 Resp: 1777069

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 97.526 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087623.D

Acq: 21 Aug 2025 14:23

Tgt Ion:180 Resp: 462335

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.3

145 34.3 17.3 52.0

