

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087837.D
 Acq On : 15 Sep 2025 15:02
 Operator : JC\MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

Quant Time: Sep 16 01:39:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	204697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	405190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	394337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	203313	48.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.960%
35) Dibromofluoromethane	8.153	113	144481	49.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	10.547	98	499460	45.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.829	95	180743	46.416	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	53195	18.297	ug/l	95
3) Chloromethane	2.389	50	56288	18.840	ug/l	90
4) Vinyl Chloride	2.536	62	64520	18.625	ug/l	95
5) Bromomethane	2.983	94	28705	16.059	ug/l	96
6) Chloroethane	3.142	64	44719	18.367	ug/l	89
7) Trichlorofluoromethane	3.512	101	99089	19.524	ug/l	92
8) Diethyl Ether	3.971	74	38411	17.378	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	51645	17.983	ug/l	95
10) Methyl Iodide	4.583	142	19794	14.777	ug/l #	95
11) Tert butyl alcohol	5.530	59	62270	85.525	ug/l	96
12) 1,1-Dichloroethene	4.341	96	53213	18.031	ug/l	92
13) Acrolein	4.177	56	78133	87.290	ug/l	98
14) Allyl chloride	5.018	41	85840	16.051	ug/l	98
15) Acrylonitrile	5.712	53	185996	90.579	ug/l	98
16) Acetone	4.424	43	179547	78.642	ug/l	91
17) Carbon Disulfide	4.706	76	161646	19.896	ug/l #	95
18) Methyl Acetate	5.018	43	94490	19.766	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	198338	17.915	ug/l	99
20) Methylene Chloride	5.271	84	66257	19.302	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	58706	18.354	ug/l	86
22) Diisopropyl ether	6.659	45	206836	17.922	ug/l	99
23) Vinyl Acetate	6.588	43	840944	80.090	ug/l	99
24) 1,1-Dichloroethane	6.553	63	115355	18.230	ug/l	97
25) 2-Butanone	7.471	43	259016	86.233	ug/l	95
26) 2,2-Dichloropropane	7.477	77	86226	15.877	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	70593	18.462	ug/l	98
28) Bromochloromethane	7.800	49	66347	21.688	ug/l	96
29) Tetrahydrofuran	7.824	42	165250	85.487	ug/l	95
30) Chloroform	7.947	83	124164	19.224	ug/l	99
31) Cyclohexane	8.241	56	88094	16.699	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	101242	18.496	ug/l	93
36) 1,1-Dichloropropene	8.353	75	77690	17.311	ug/l	97
37) Ethyl Acetate	7.547	43	108388	17.674	ug/l	97
38) Carbon Tetrachloride	8.347	117	86455	19.511	ug/l	98
39) Methylcyclohexane	9.582	83	80456	16.283	ug/l	98
40) Benzene	8.594	78	256248	18.615	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	56387	17.750	ug/l	97
42) 1,2-Dichloroethane	8.653	62	95239	18.004	ug/l	98
43) Isopropyl Acetate	8.671	43	169478	17.700	ug/l	98
44) Trichloroethene	9.329	130	59459	18.919	ug/l	84
45) 1,2-Dichloropropane	9.600	63	68179	18.790	ug/l	98
46) Dibromomethane	9.688	93	49259	19.077	ug/l	95
47) Bromodichloromethane	9.871	83	101576	19.195	ug/l	99
48) Methyl methacrylate	9.665	41	73680	16.269	ug/l	96
49) 1,4-Dioxane	9.676	88	22634	385.576	ug/l #	92
51) 4-Methyl-2-Pentanone	10.423	43	536906	92.940	ug/l	99
52) Toluene	10.612	92	161853	18.966	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	99488	18.163	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	103336	18.169	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	62857	19.040	ug/l	94
56) Ethyl methacrylate	10.859	69	94548	17.921	ug/l	99
57) 1,3-Dichloropropane	11.141	76	107237	18.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	256924	89.974	ug/l	98
59) 2-Hexanone	11.182	43	342435	93.792	ug/l	100
60) Dibromochloromethane	11.335	129	71871	18.789	ug/l	99
61) 1,2-Dibromoethane	11.447	107	66113	18.993	ug/l	100
64) Tetrachloroethene	11.088	164	48378	17.683	ug/l	88
65) Chlorobenzene	11.870	112	171204	17.451	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	65131	19.998	ug/l	97
67) Ethyl Benzene	11.941	91	289282	17.030	ug/l	98
68) m/p-Xylenes	12.047	106	217591	34.929	ug/l	100
69) o-Xylene	12.376	106	104520	17.121	ug/l	97
70) Styrene	12.394	104	184223	18.012	ug/l	97
71) Bromoform	12.559	173	46212	18.501	ug/l #	96
73) Isopropylbenzene	12.676	105	268813	15.586	ug/l	100
74) N-amyl acetate	12.535	43	14918	2.282	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.917	83	103264	17.391	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	127541	25.482	ug/l	61
77) Bromobenzene	12.959	156	69647	17.127	ug/l	94
78) n-propylbenzene	13.011	91	338010	15.911	ug/l	99
79) 2-Chlorotoluene	13.106	91	203223	15.896	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	237481	16.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.711	75	27758	14.682	ug/l #	82
82) 4-Chlorotoluene	13.200	91	216369	16.097	ug/l	98
83) tert-Butylbenzene	13.417	119	195076	16.000	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	237351	16.205	ug/l	99
85) sec-Butylbenzene	13.594	105	283340	15.660	ug/l	98
86) p-Isopropyltoluene	13.706	119	240015	16.065	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	135745	16.951	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	140030	16.803	ug/l	96
89) n-Butylbenzene	14.035	91	229284	15.452	ug/l	99
90) Hexachloroethane	14.306	117	48471	17.029	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	129184	17.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22560	15.994	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	74092	16.240	ug/l	99
94) Hexachlorobutadiene	15.476	225	29433	18.096	ug/l	98
95) Naphthalene	15.611	128	246112	15.230	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	72462	16.247	ug/l	100

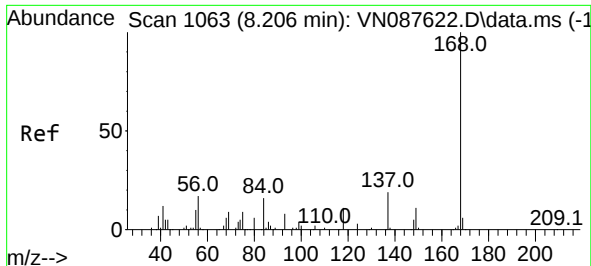
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QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

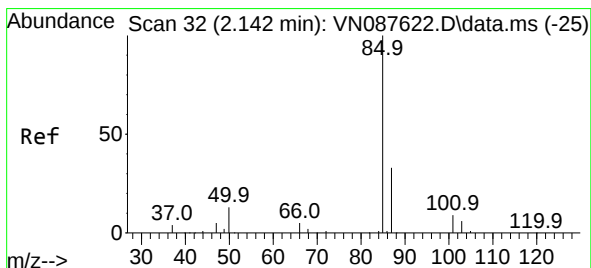
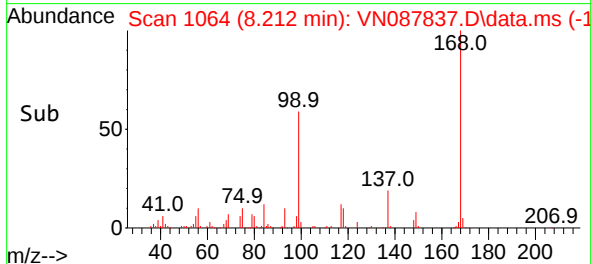
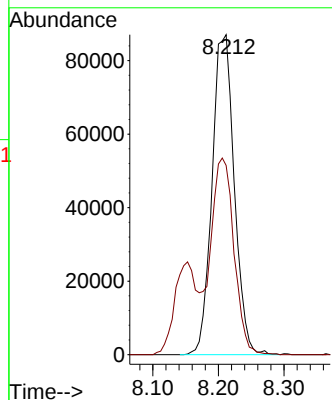
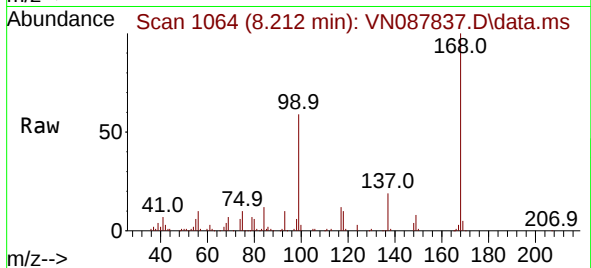
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

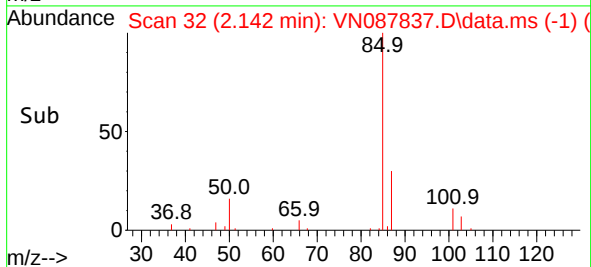
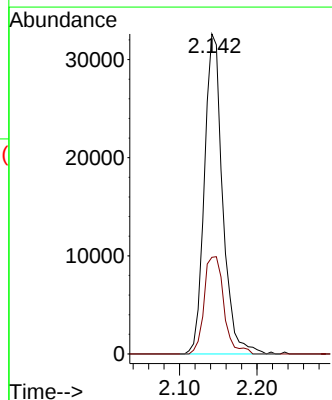
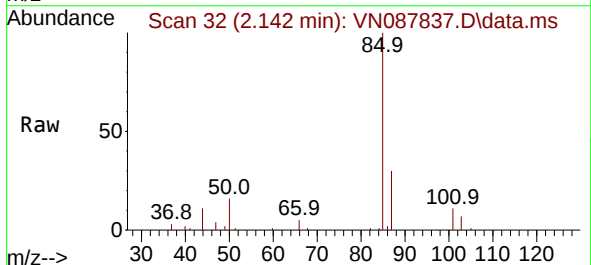
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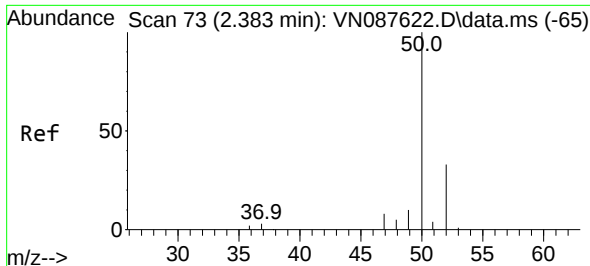
Tgt Ion:168 Resp: 204697
Ion Ratio Lower Upper
168 100
99 59.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.297 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 85 Resp: 53195
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.8

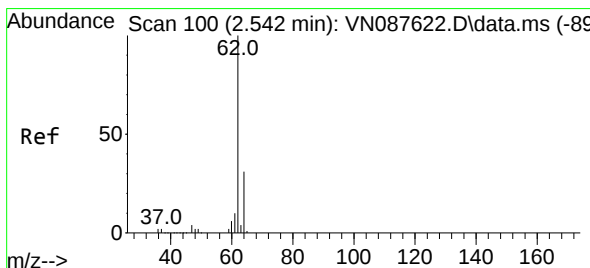
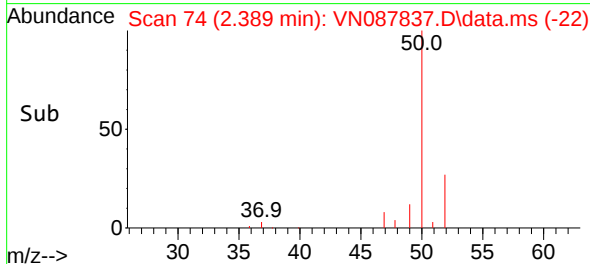
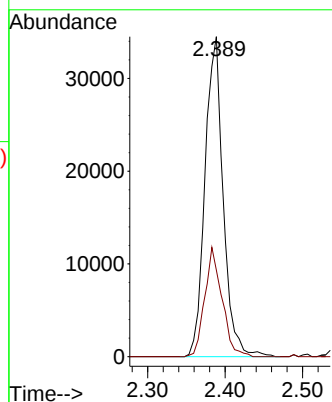
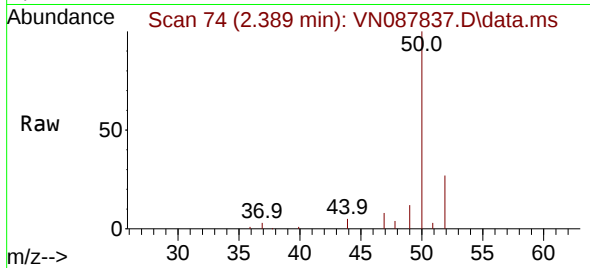




#3
Chloromethane
Concen: 18.840 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

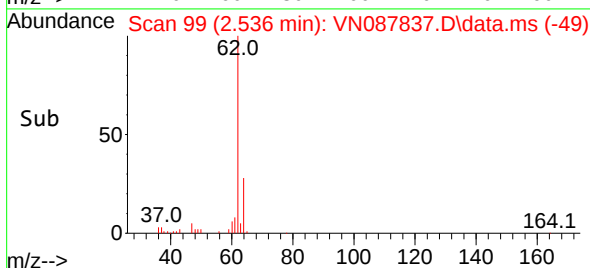
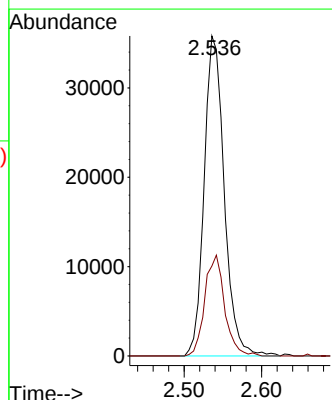
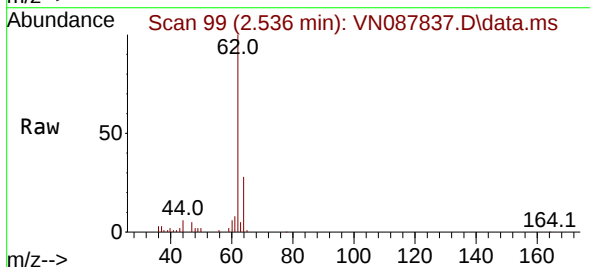
Instrument :
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ClientSampleId :
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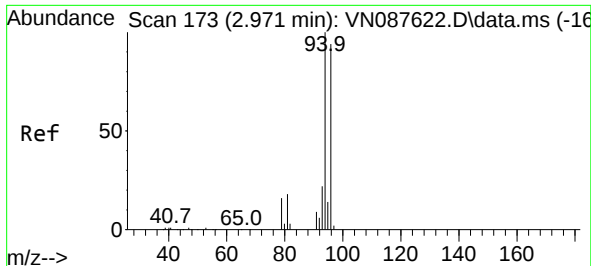
Tgt Ion: 50 Resp: 56288
Ion Ratio Lower Upper
50 100
52 27.1 26.2 39.4



#4
Vinyl Chloride
Concen: 18.625 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 62 Resp: 64520
Ion Ratio Lower Upper
62 100
64 28.1 24.6 37.0

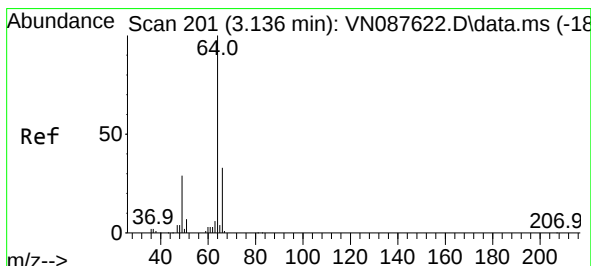
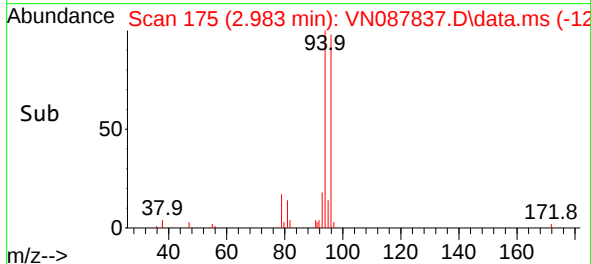
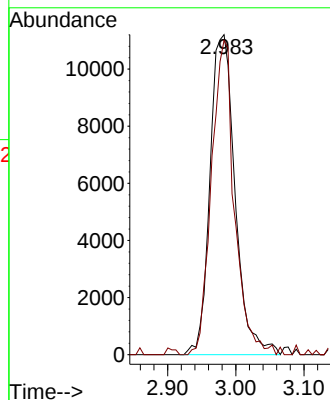
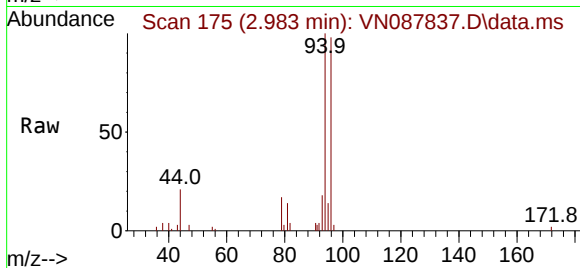




#5
Bromomethane
Concen: 16.059 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

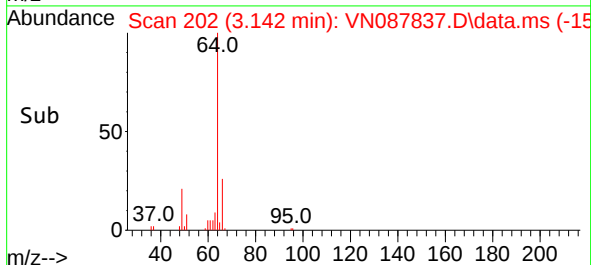
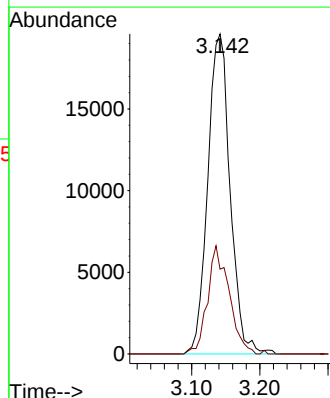
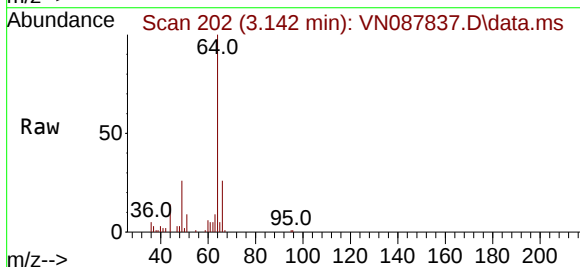
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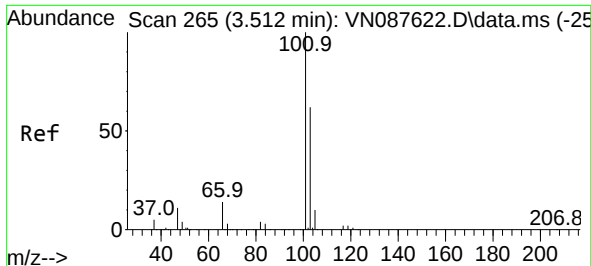
Tgt Ion: 94 Resp: 28705
Ion Ratio Lower Upper
94 100
96 98.2 75.4 113.2



#6
Chloroethane
Concen: 18.367 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 64 Resp: 44719
Ion Ratio Lower Upper
64 100
66 26.5 26.2 39.2

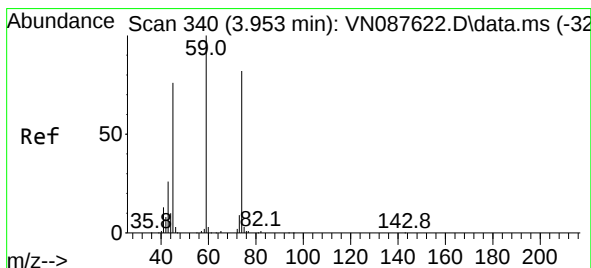
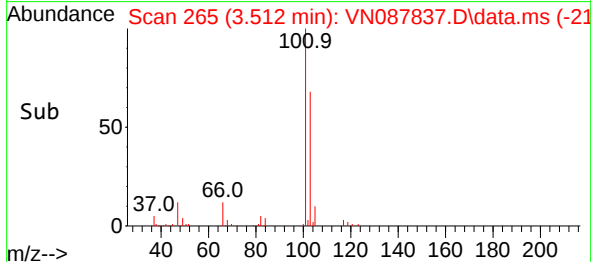
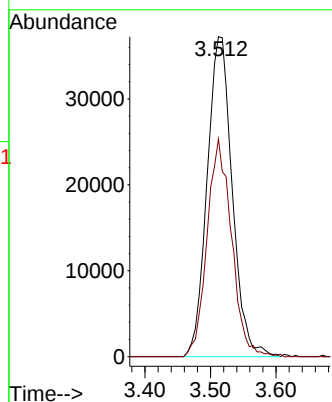
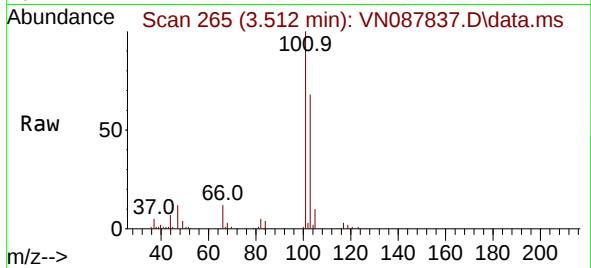




#7
 Trichlorofluoromethane
 Concen: 19.524 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

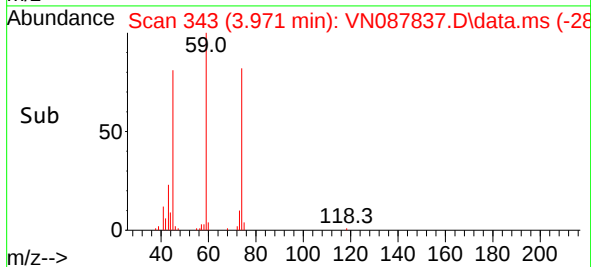
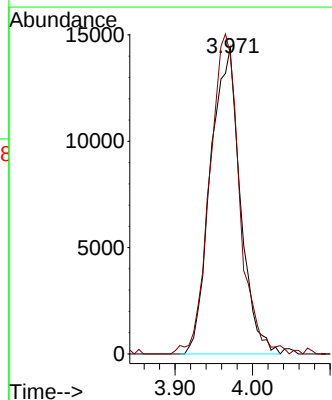
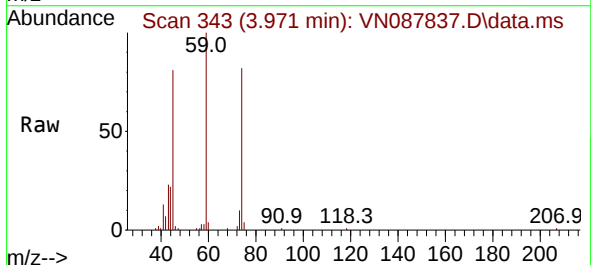
Instrument :
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 ClientSampleId :
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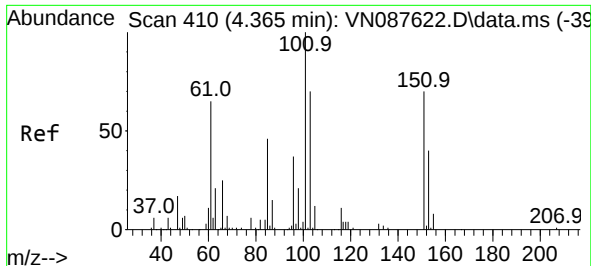
Tgt Ion:101 Resp: 99089
 Ion Ratio Lower Upper
 101 100
 103 68.0 49.4 74.0



#8
 Diethyl Ether
 Concen: 17.378 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.017 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion: 74 Resp: 38411
 Ion Ratio Lower Upper
 74 100
 45 104.5 50.6 151.9

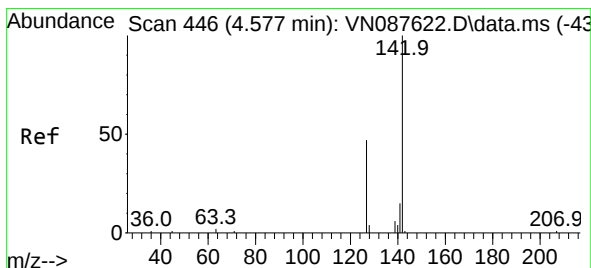
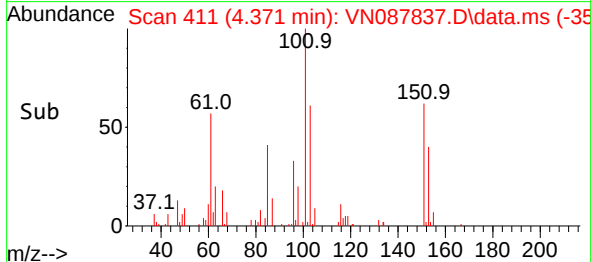
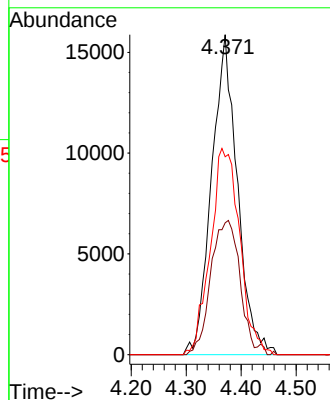
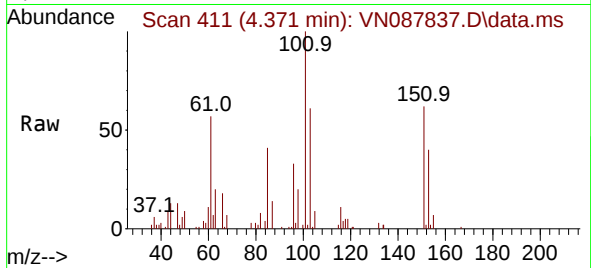




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.983 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

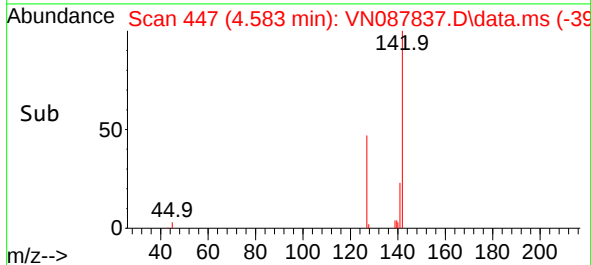
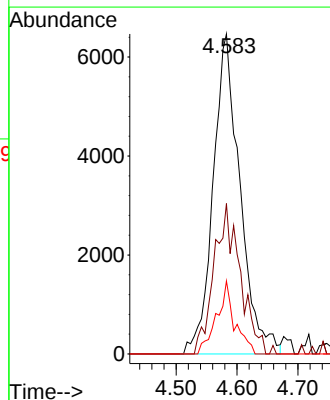
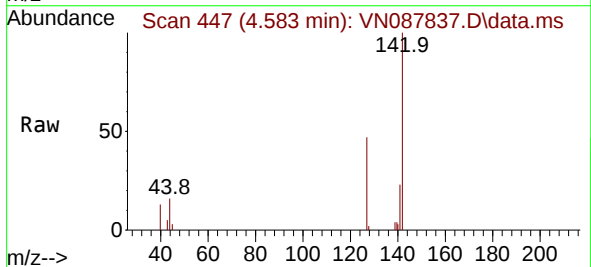
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

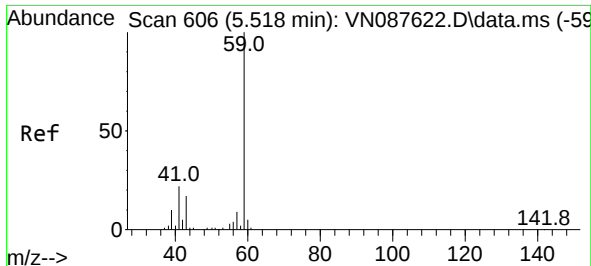
Tgt Ion:101 Resp: 51645
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 73.4 54.7 82.1



#10
Methyl Iodide
Concen: 14.777 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:142 Resp: 19794
Ion Ratio Lower Upper
142 100
127 47.0 38.0 57.0
141 22.8 12.0 18.0#

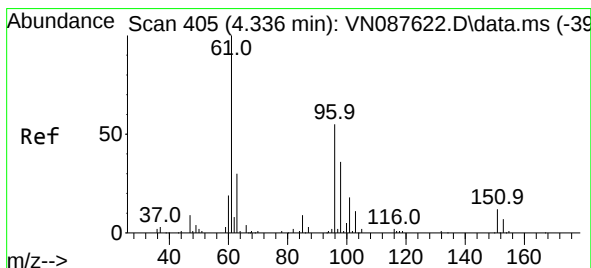
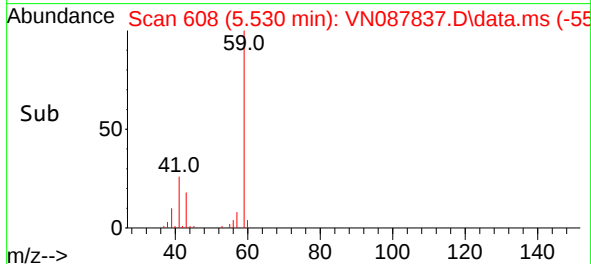
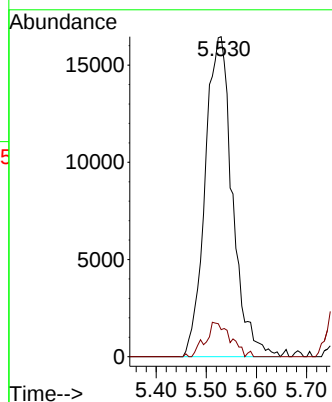
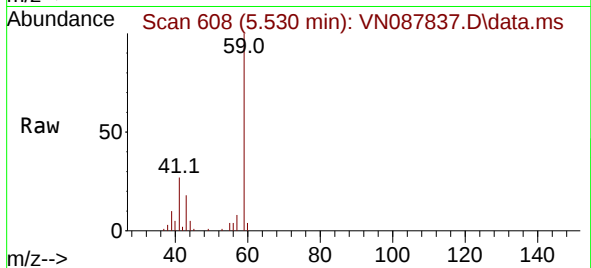




#11
Tert butyl alcohol
Concen: 85.525 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

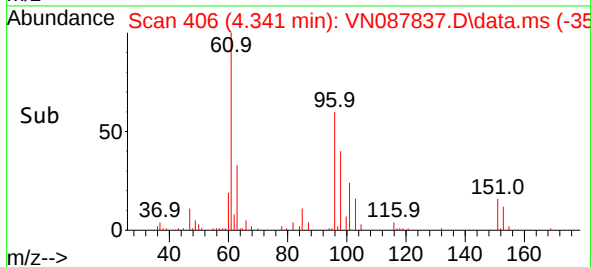
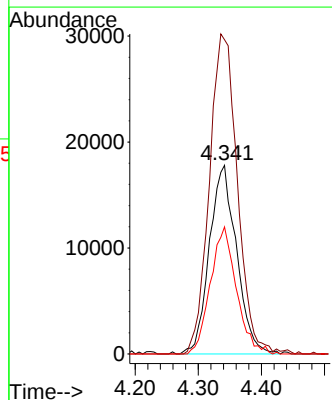
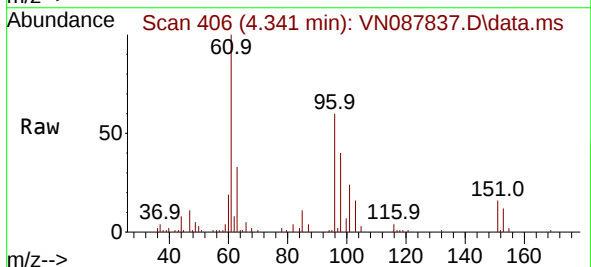
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

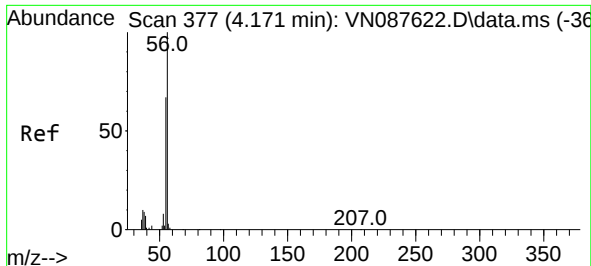
Tgt Ion: 59 Resp: 62270
Ion Ratio Lower Upper
59 100
57 9.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.031 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 96 Resp: 53213
Ion Ratio Lower Upper
96 100
61 166.6 143.8 215.8
98 67.3 52.1 78.1





#13

Acrolein

Concen: 87.290 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

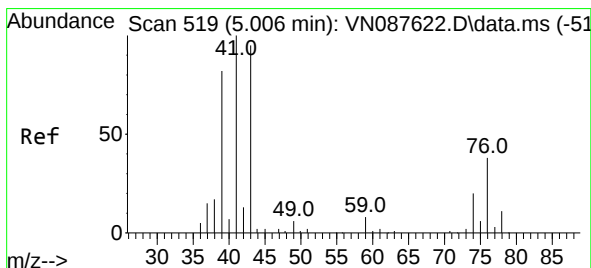
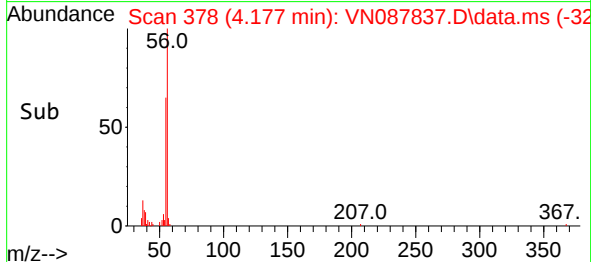
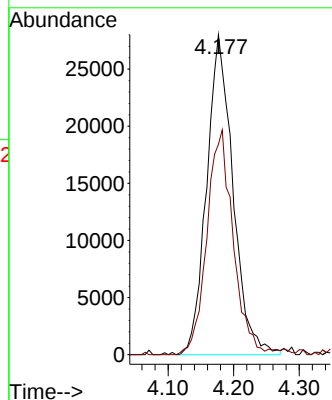
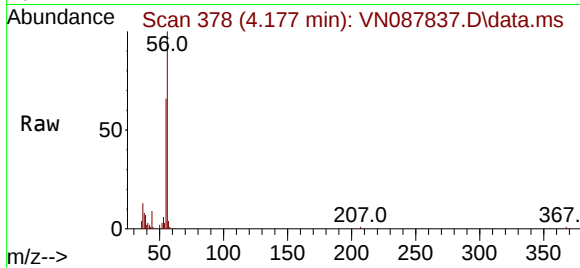
VN0915MBS01

Tgt Ion: 56 Resp: 78133

Ion Ratio Lower Upper

56 100

55 69.6 57.3 85.9



#14

Allyl chloride

Concen: 16.051 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

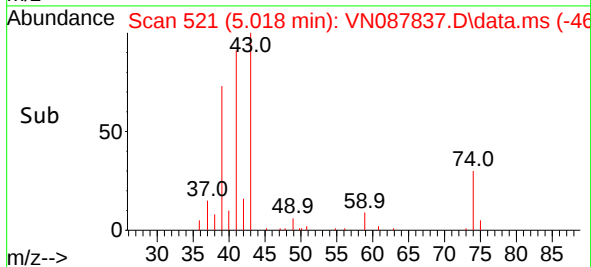
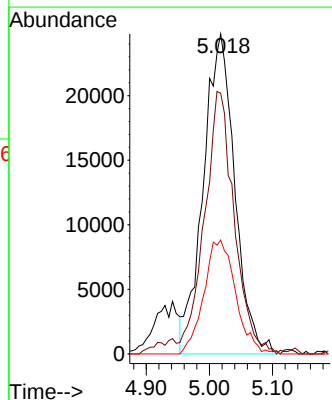
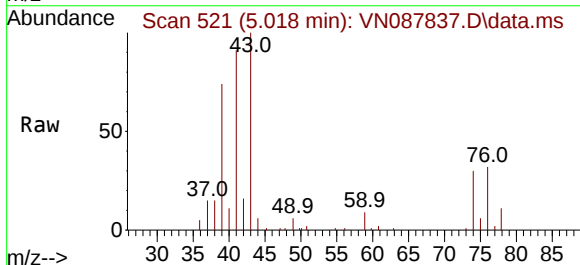
Tgt Ion: 41 Resp: 85840

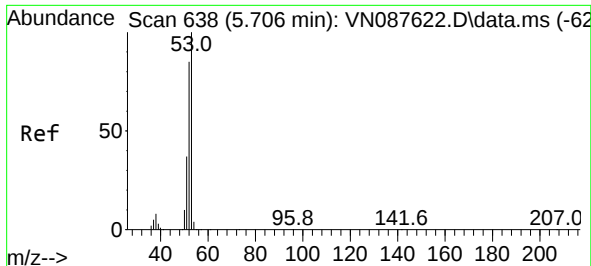
Ion Ratio Lower Upper

41 100

39 77.6 63.9 95.9

76 36.0 28.1 42.1

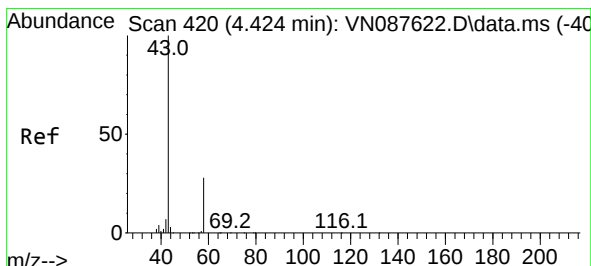
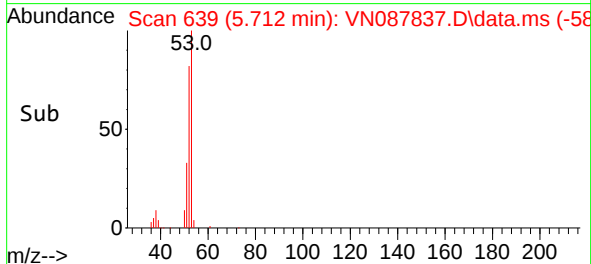
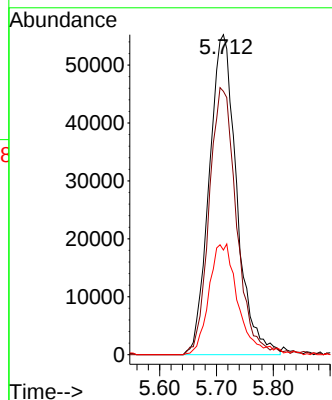
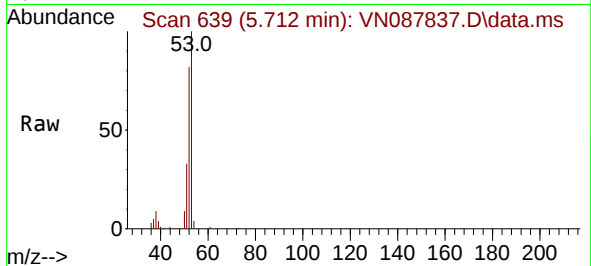




#15
Acrylonitrile
Concen: 90.579 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

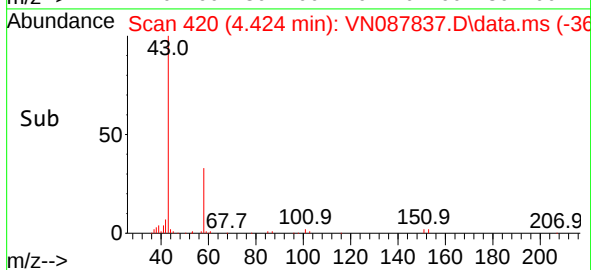
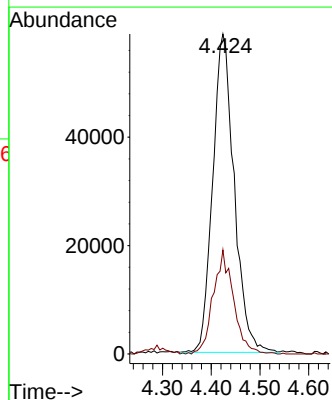
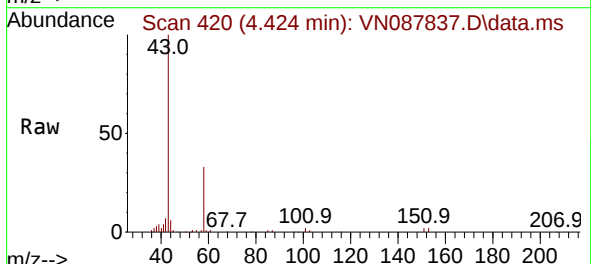
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

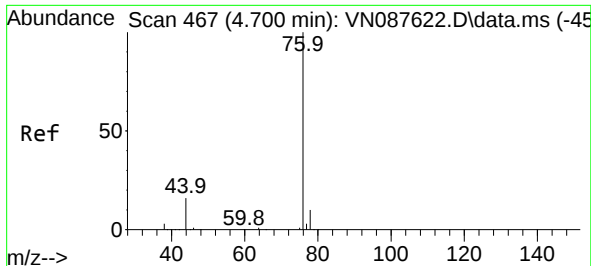
Tgt Ion: 53 Resp: 185996
Ion Ratio Lower Upper
53 100
52 82.9 67.6 101.4
51 36.9 30.1 45.1



#16
Acetone
Concen: 78.642 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 43 Resp: 179547
Ion Ratio Lower Upper
43 100
58 32.7 22.6 33.8

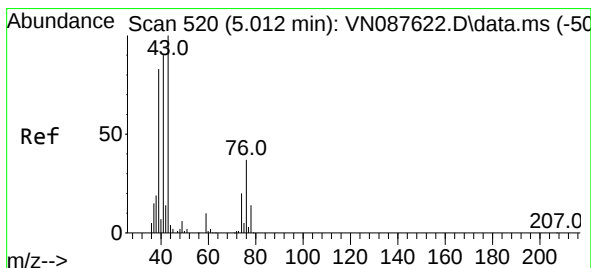
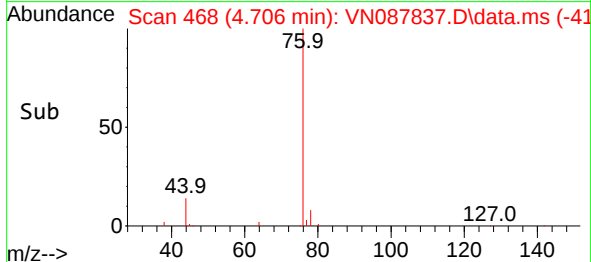
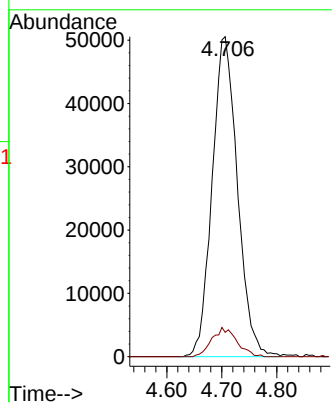
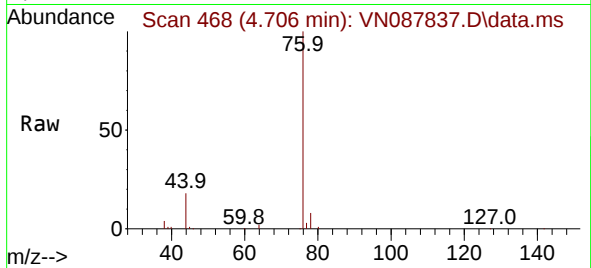




#17
Carbon Disulfide
Concen: 19.896 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

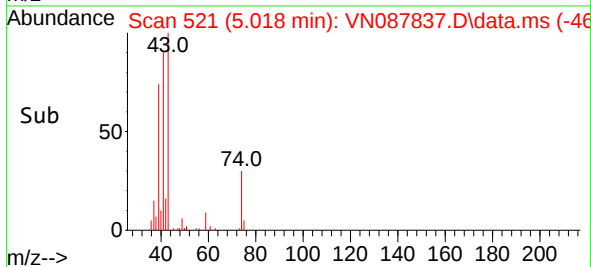
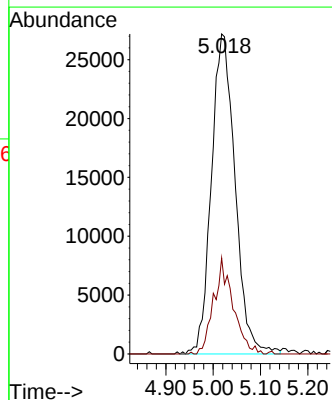
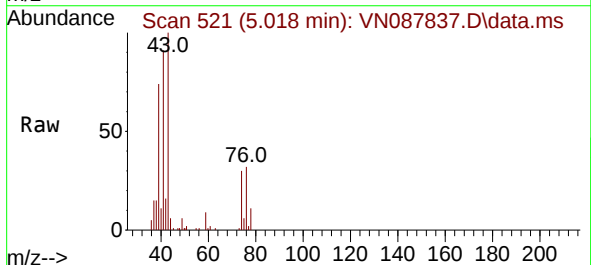
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

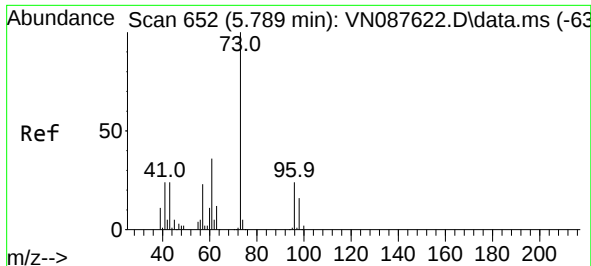
Tgt Ion: 76 Resp: 161646
Ion Ratio Lower Upper
76 100
78 7.6 7.6 11.4#



#18
Methyl Acetate
Concen: 19.766 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 43 Resp: 94490
Ion Ratio Lower Upper
43 100
74 24.7 17.6 26.4

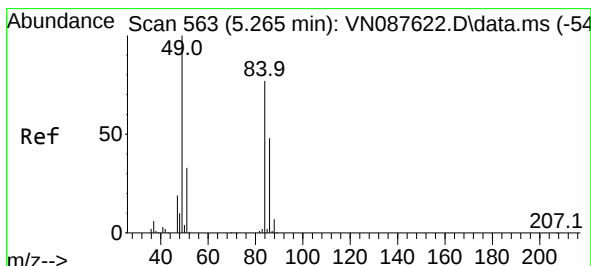
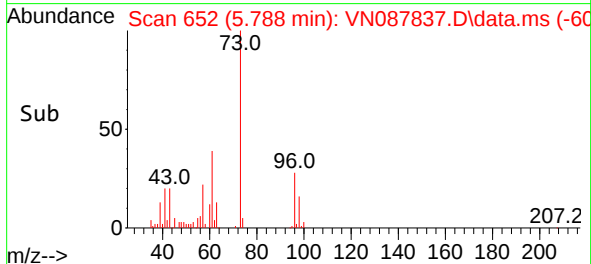
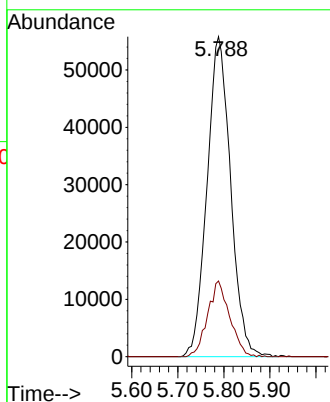
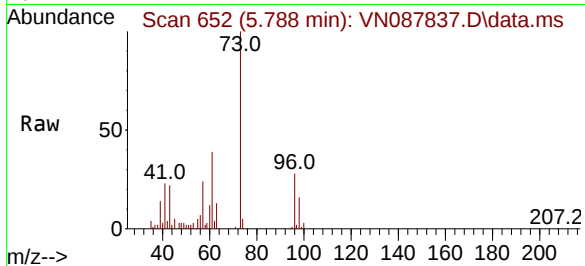




#19
Methyl tert-butyl Ether
Concen: 17.915 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

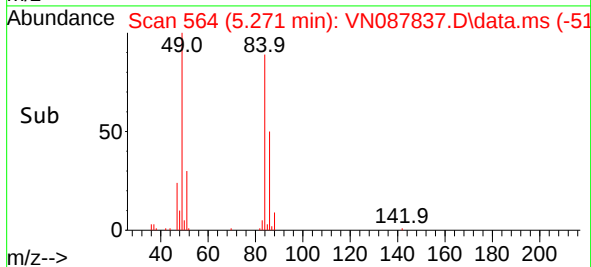
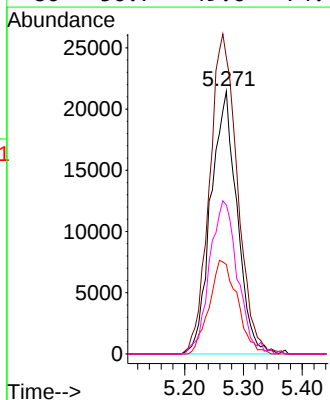
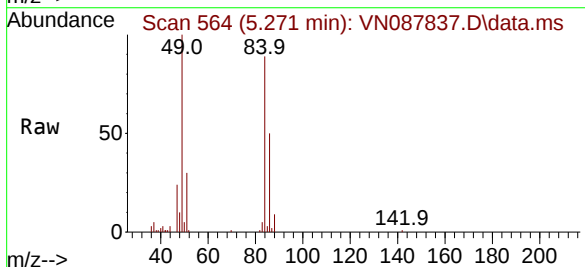
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

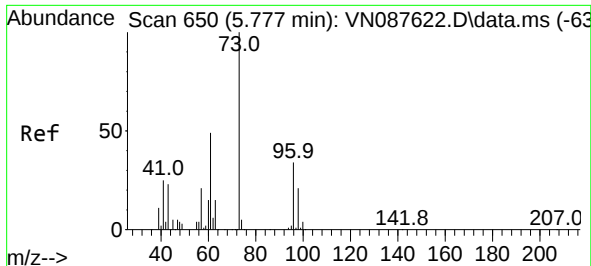
Tgt Ion: 73 Resp: 198338
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6



#20
Methylene Chloride
Concen: 19.302 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 84 Resp: 66257
Ion Ratio Lower Upper
84 100
49 112.9 103.4 155.2
51 34.1 33.8 50.8
86 56.7 49.6 74.4

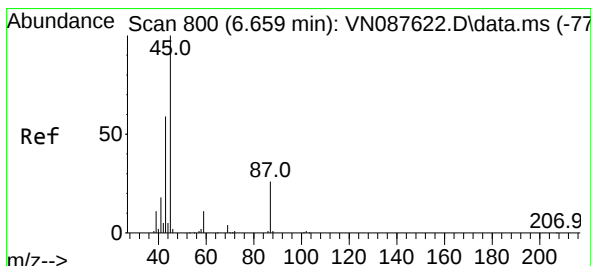
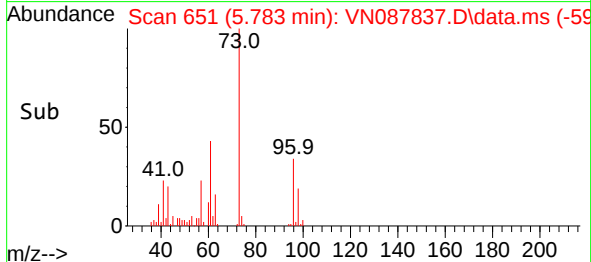
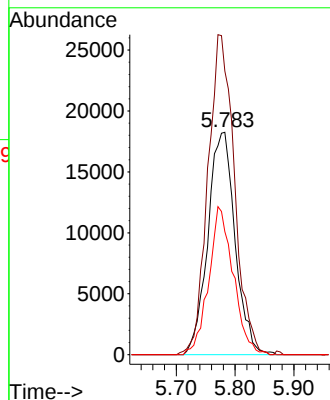
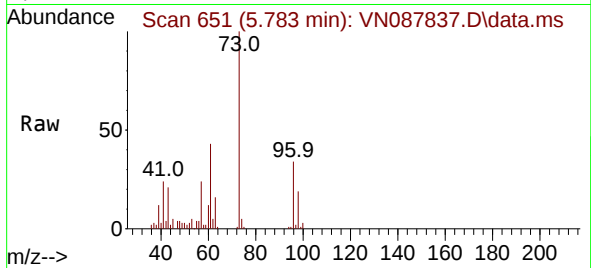




#21
trans-1,2-Dichloroethene
Concen: 18.354 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

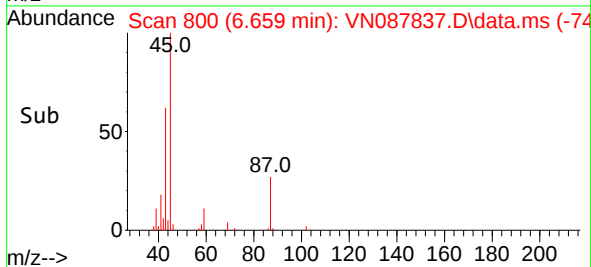
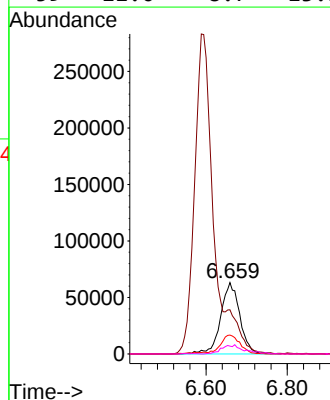
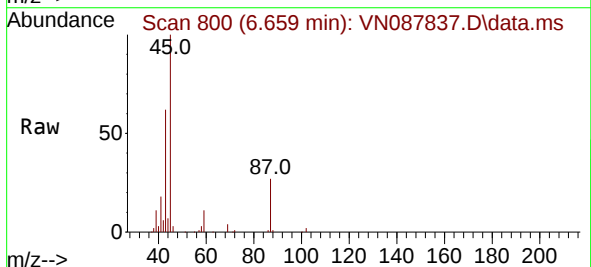
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

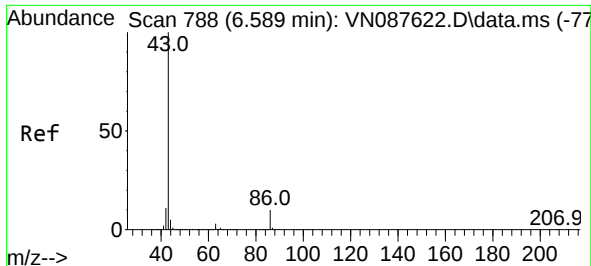
Tgt Ion: 96 Resp: 58706
Ion Ratio Lower Upper
96 100
61 126.6 118.0 177.0
98 55.3 50.0 75.0



#22
Diisopropyl ether
Concen: 17.922 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 45 Resp: 206836
Ion Ratio Lower Upper
45 100
43 61.0 47.7 71.5
87 26.5 21.4 32.0
59 11.0 8.7 13.1

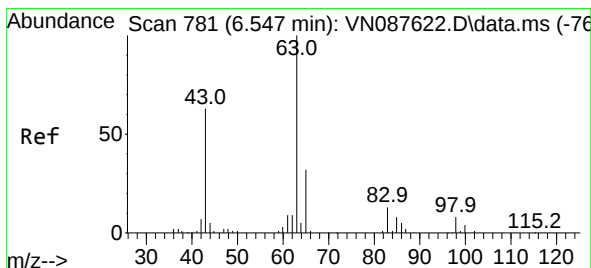
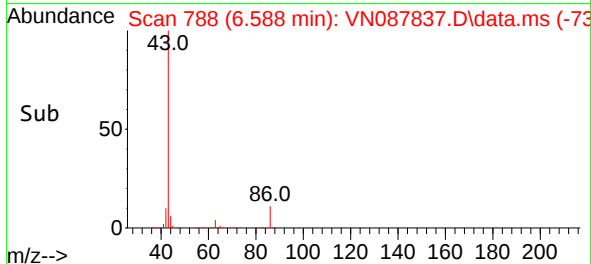
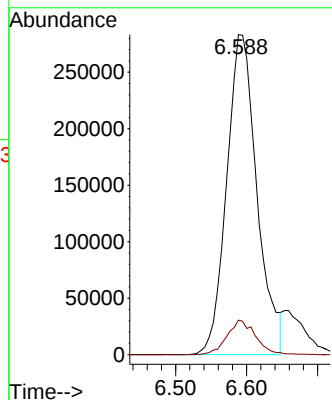
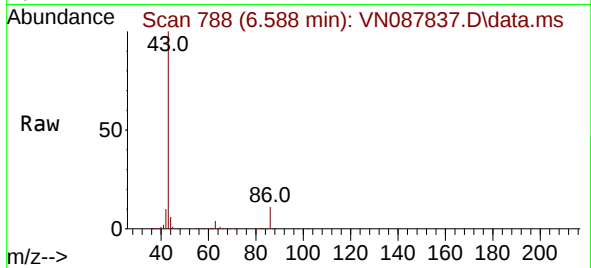




#23
 Vinyl Acetate
 Concen: 80.090 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

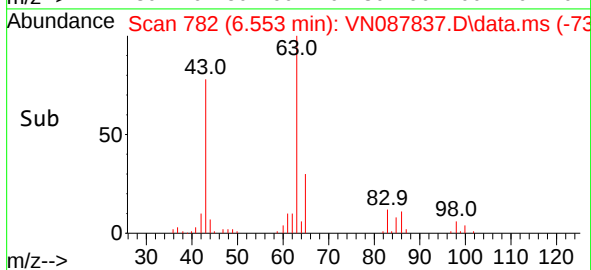
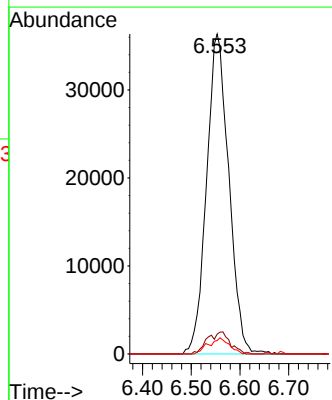
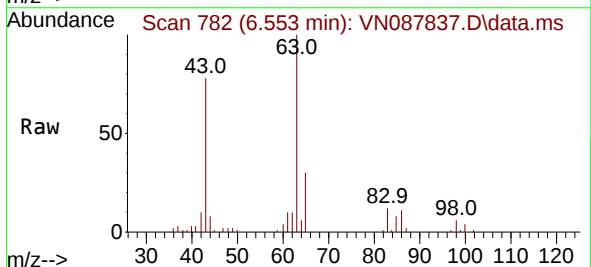
Instrument :
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 ClientSampleId :
 VN0915MBS01

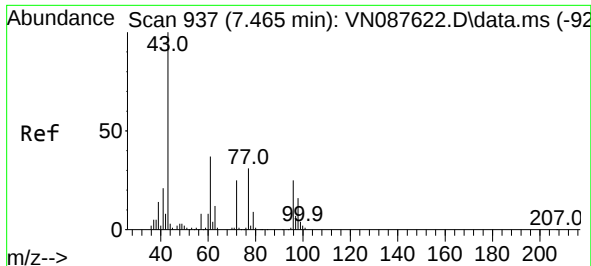
Tgt Ion: 43 Resp: 840944
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 18.230 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion: 63 Resp: 115355
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 4.2 2.0 6.0

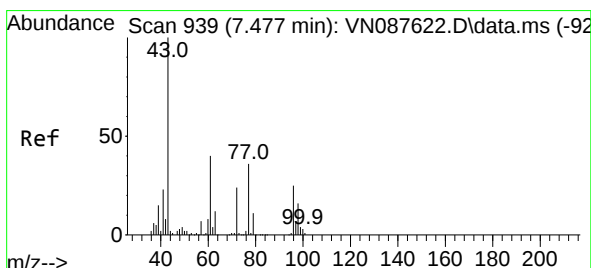
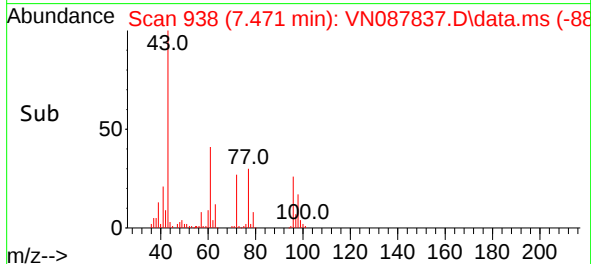
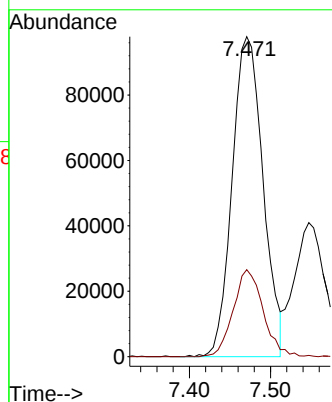
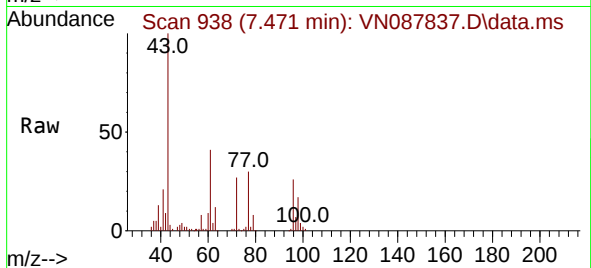




#25
2-Butanone
Concen: 86.233 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

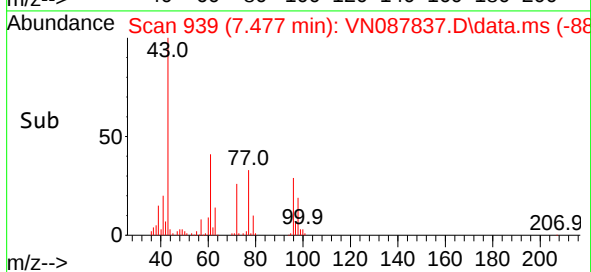
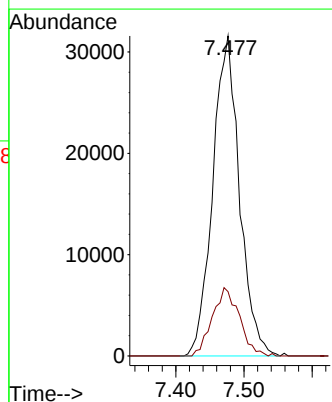
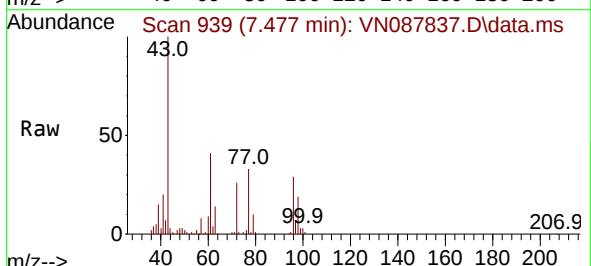
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

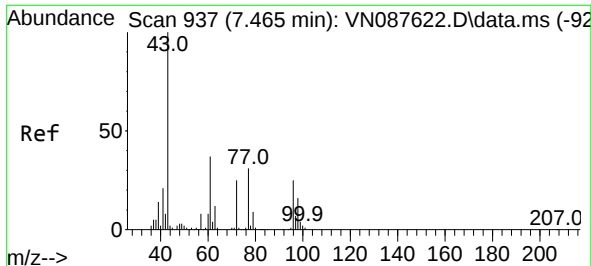
Tgt Ion: 43 Resp: 259016
Ion Ratio Lower Upper
43 100
72 27.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 15.877 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 77 Resp: 86226
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7

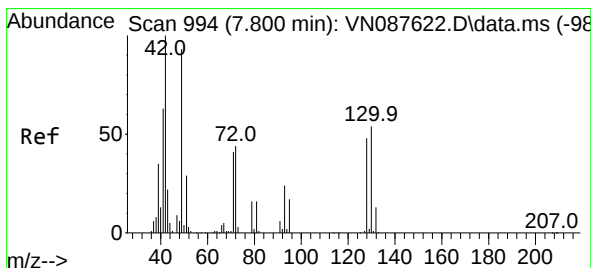
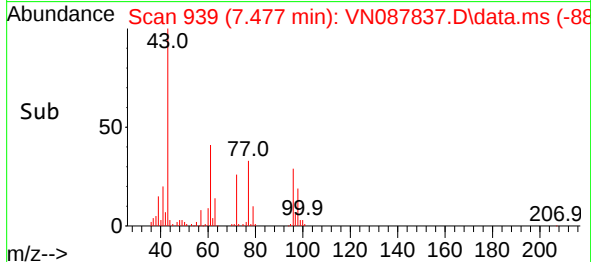
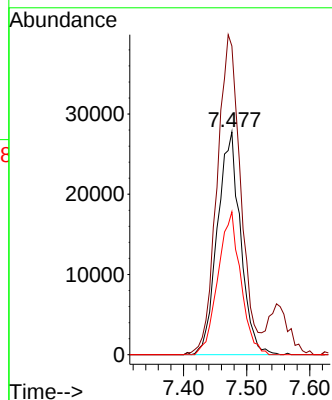
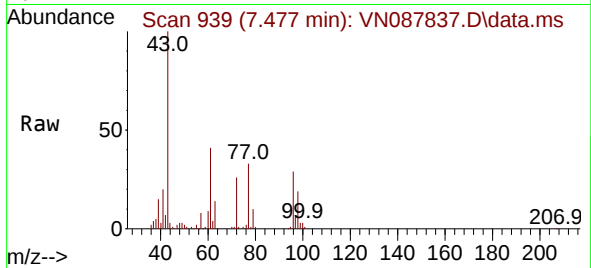




#27
 cis-1,2-Dichloroethene
 Concen: 18.462 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

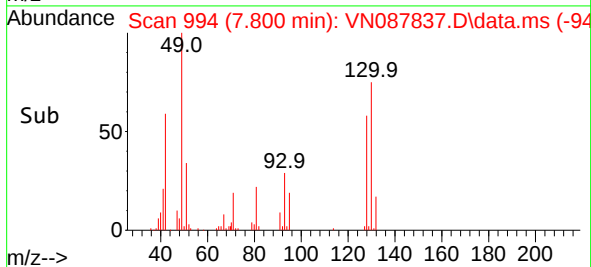
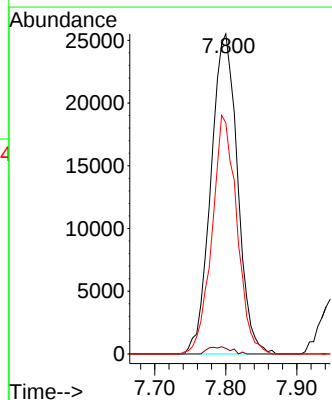
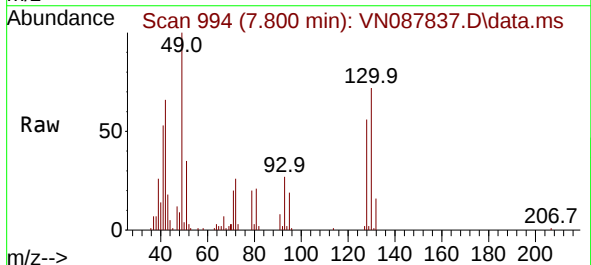
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

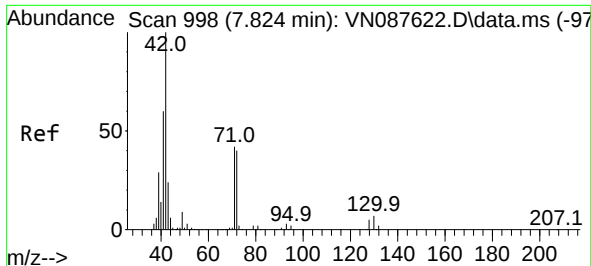
Tgt Ion: 96 Resp: 70593
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 301.8
 98 63.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 21.688 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion: 49 Resp: 66347
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 69.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 85.487 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

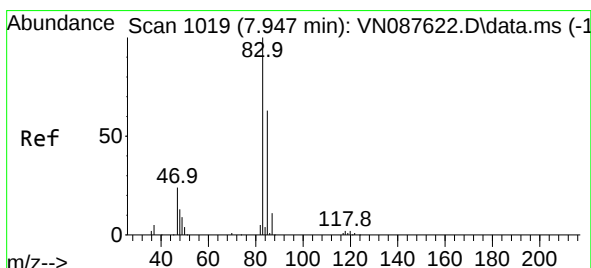
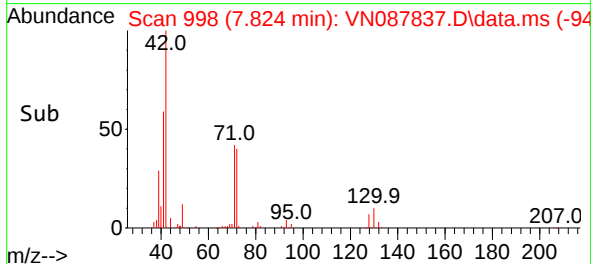
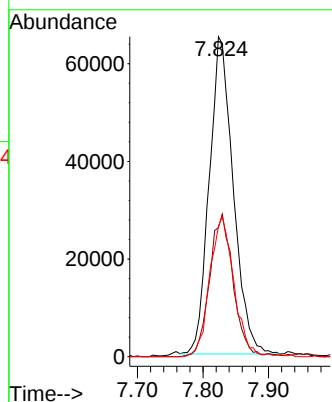
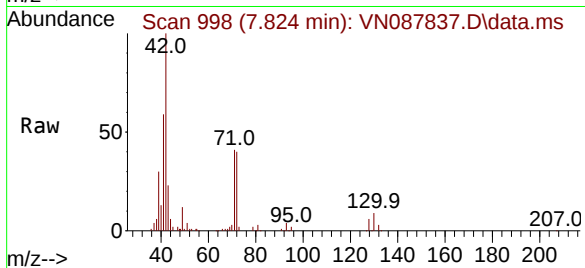
Tgt Ion: 42 Resp: 165250

Ion Ratio Lower Upper

42 100

72 44.0 33.7 50.5

71 44.6 31.9 47.9



#30

Chloroform

Concen: 19.224 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087837.D

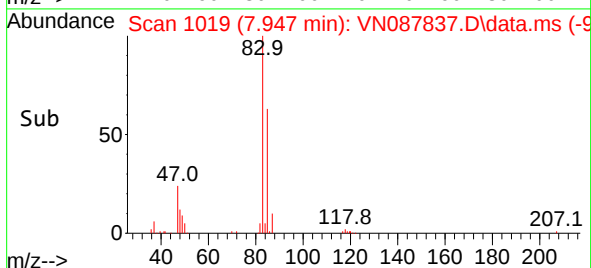
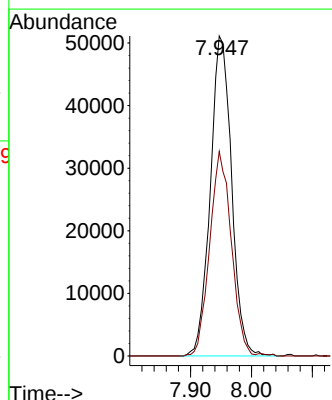
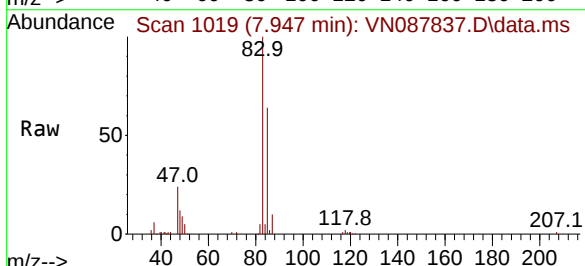
Acq: 15 Sep 2025 15:02

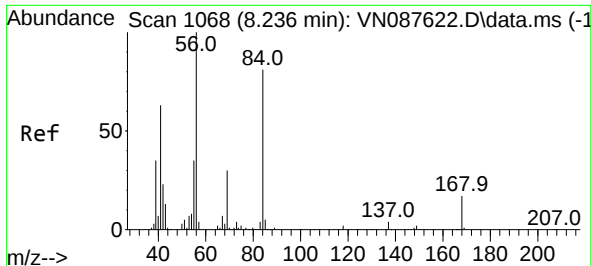
Tgt Ion: 83 Resp: 124164

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1

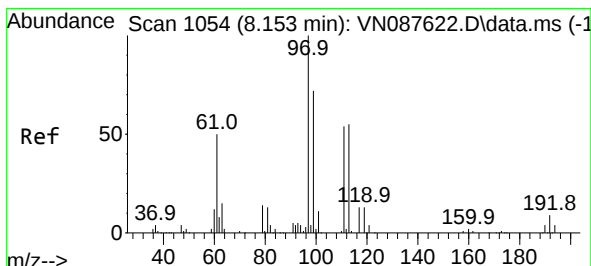
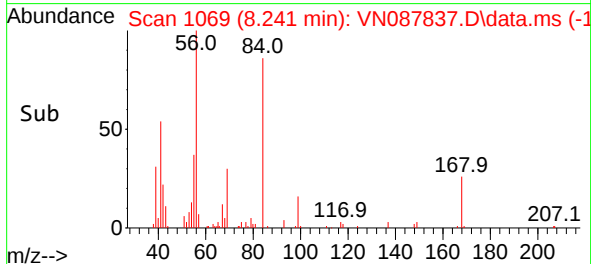
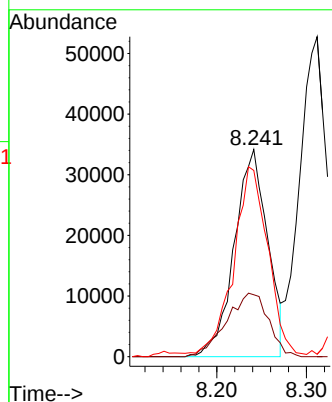
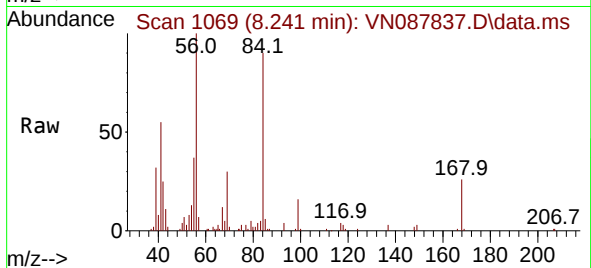




#31
Cyclohexane
Concen: 16.699 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

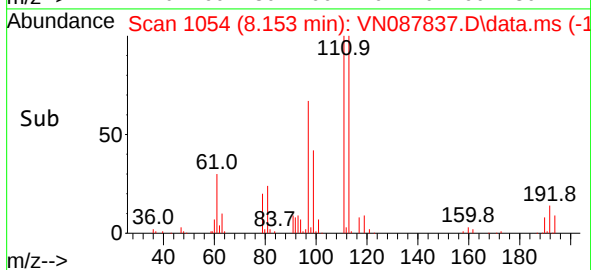
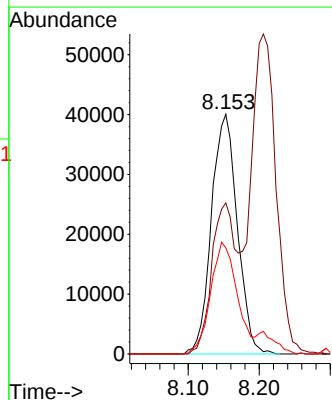
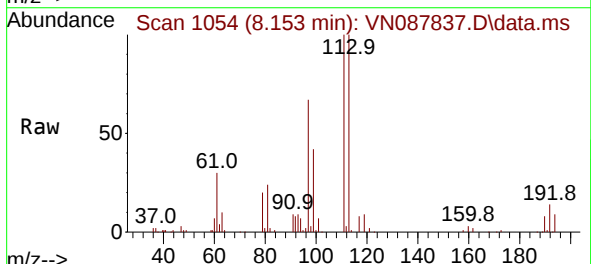
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

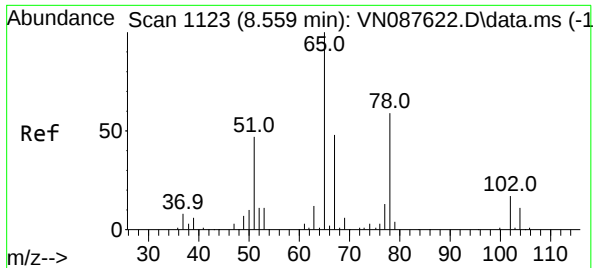
Tgt Ion: 56 Resp: 88094
Ion Ratio Lower Upper
56 100
69 29.1 23.7 35.5
84 88.2 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.496 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 97 Resp: 101242
Ion Ratio Lower Upper
97 100
99 58.1 52.2 78.2
61 48.2 41.2 61.8

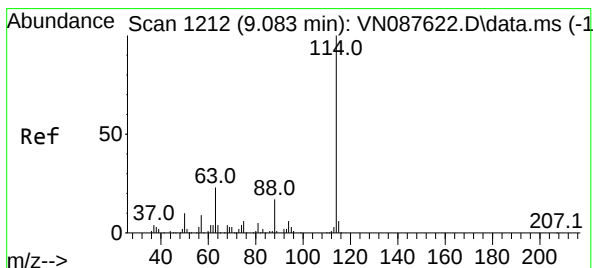
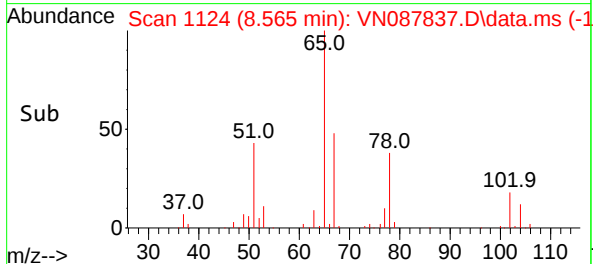
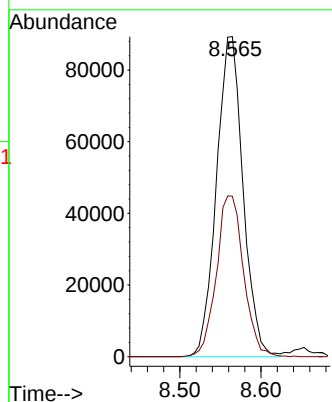
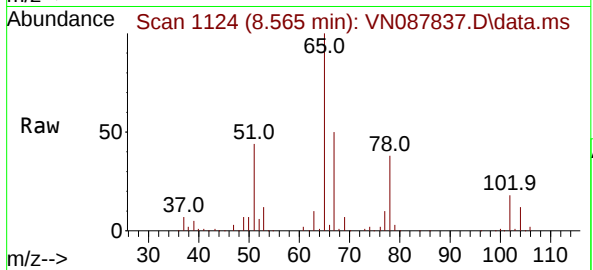




#33
 1,2-Dichloroethane-d4
 Concen: 48.477 ug/l
 RT: 8.565 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

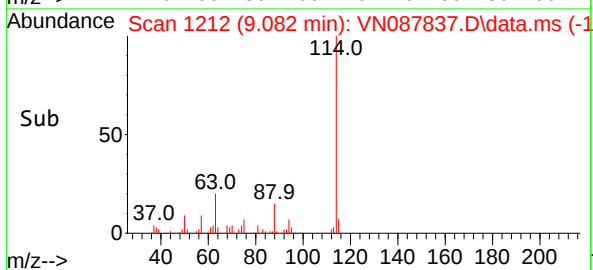
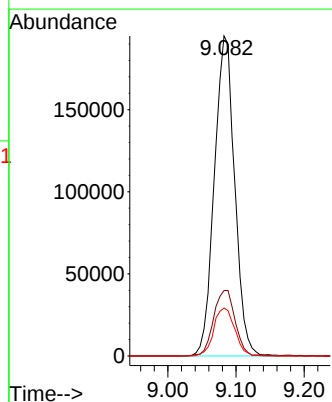
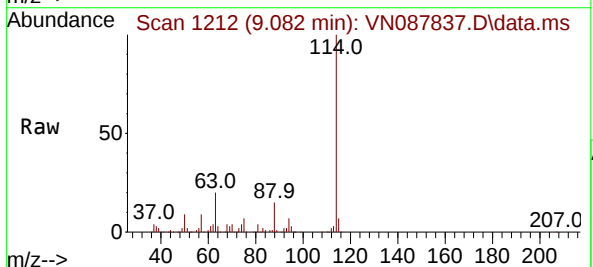
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

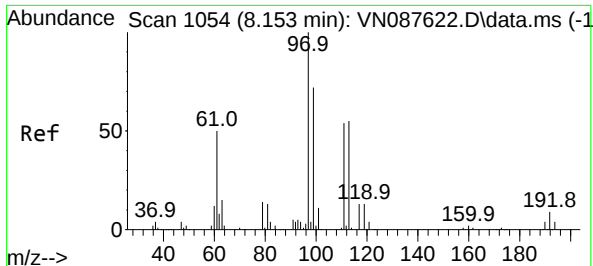
Tgt Ion: 65 Resp: 203313
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

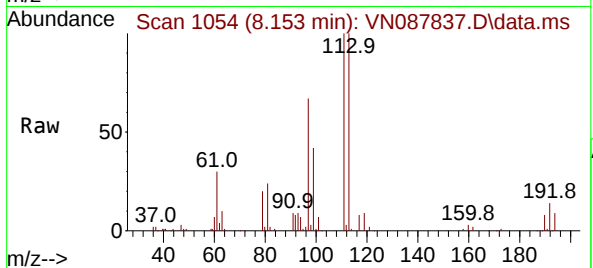
Tgt Ion: 114 Resp: 405190
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.2
 88 15.0 0.0 33.4



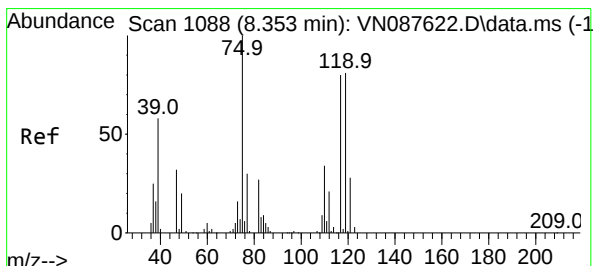
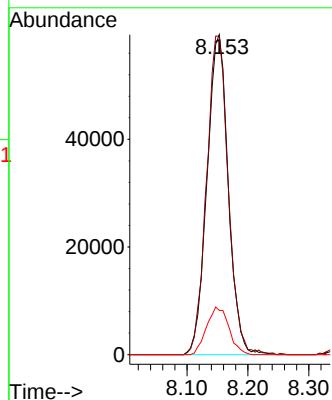
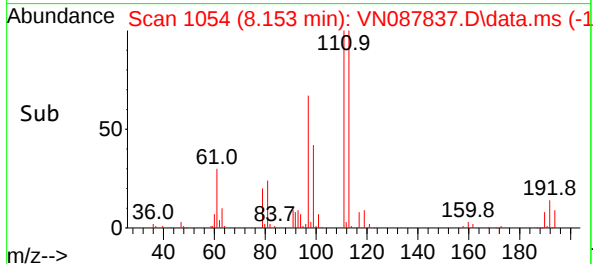


#35
Dibromofluoromethane
Concen: 49.387 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

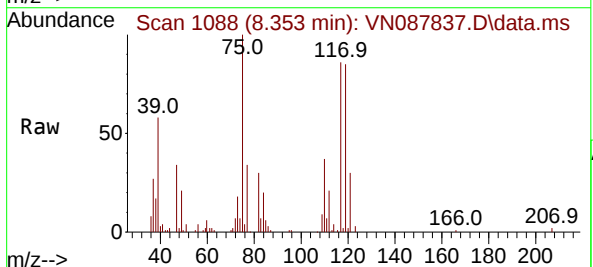
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



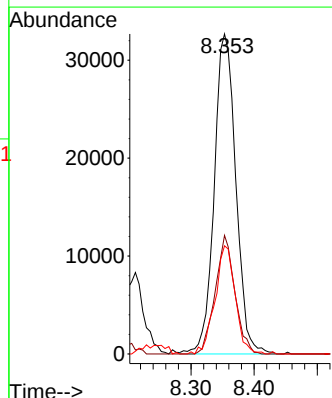
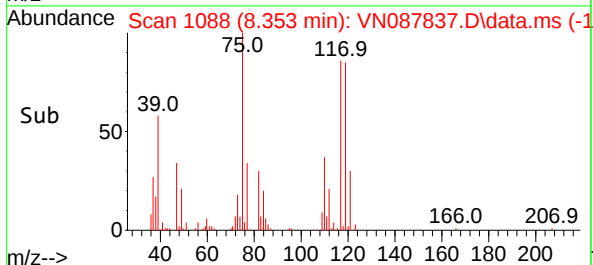
Tgt Ion:113 Resp: 144481
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 15.6 12.8 19.2

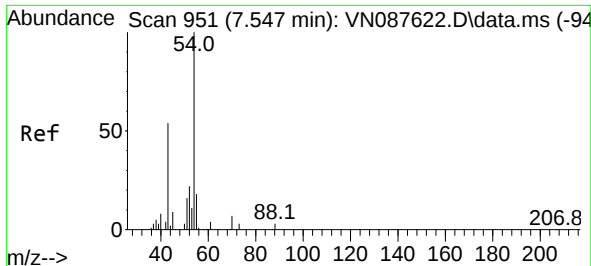


#36
1,1-Dichloropropene
Concen: 17.311 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02



Tgt Ion: 75 Resp: 77690
Ion Ratio Lower Upper
75 100
110 33.6 15.9 47.6
77 31.6 24.4 36.6

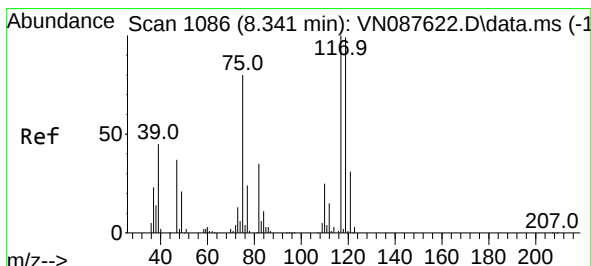
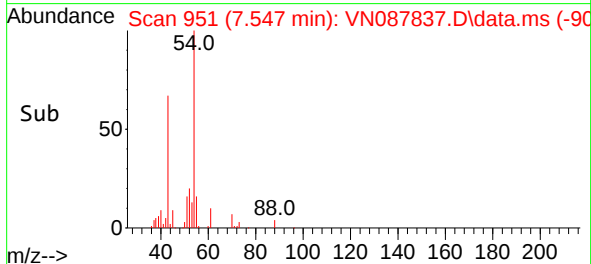
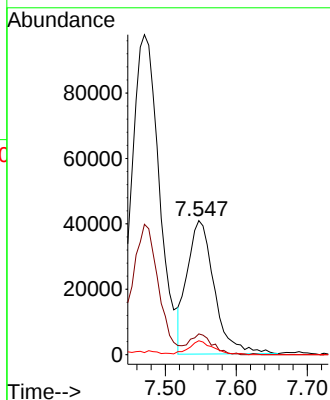
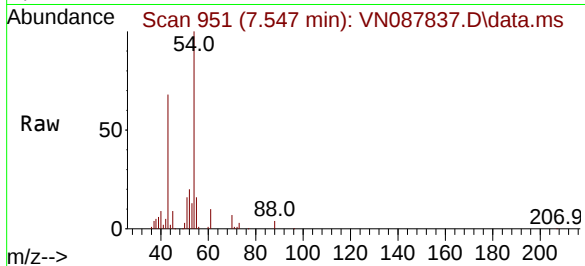




#37
Ethyl Acetate
Concen: 17.674 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

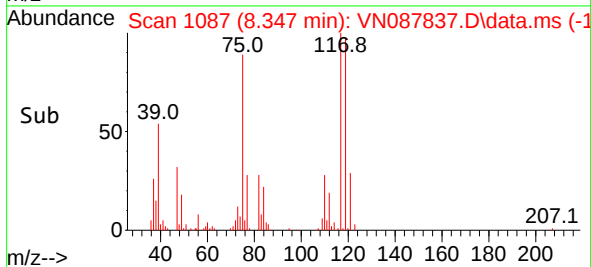
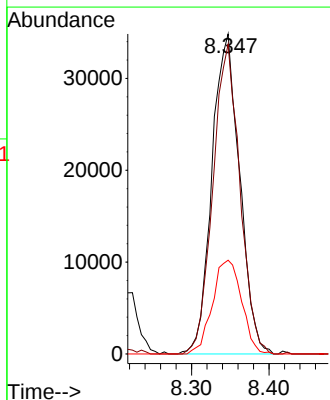
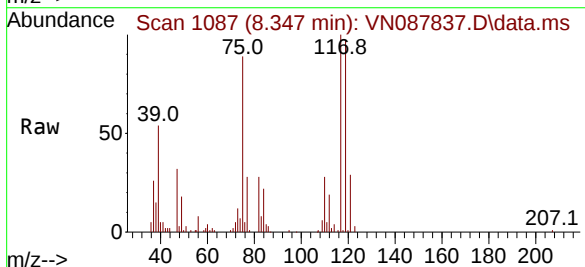
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

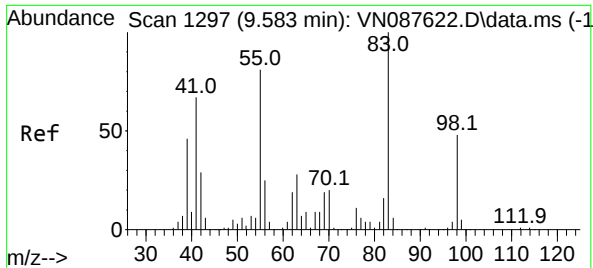
Tgt Ion: 43 Resp: 108388
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.511 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 117 Resp: 86455
Ion Ratio Lower Upper
117 100
119 96.8 79.0 118.6
121 29.3 25.0 37.6

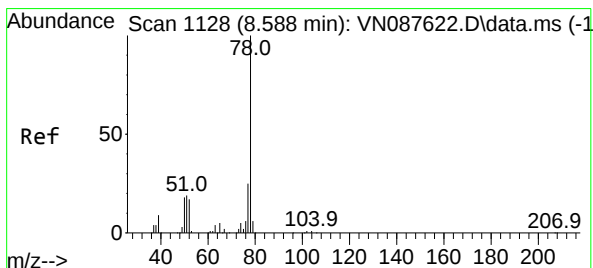
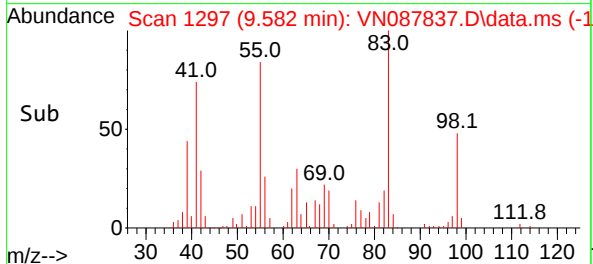
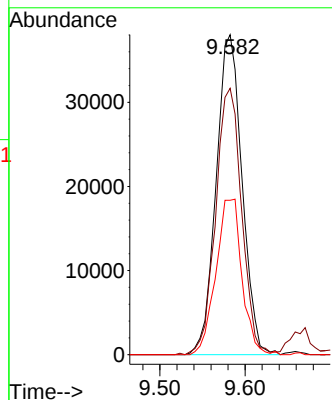
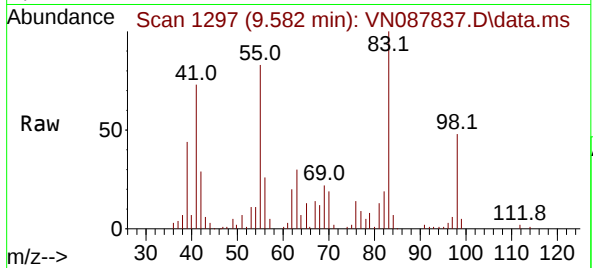




#39
Methylcyclohexane
Concen: 16.283 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

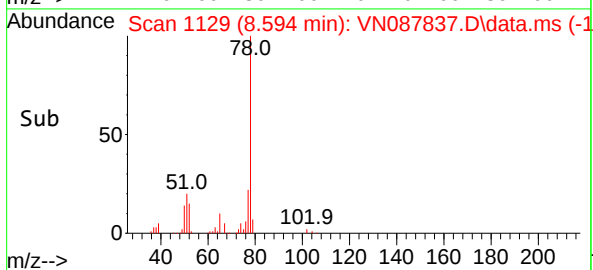
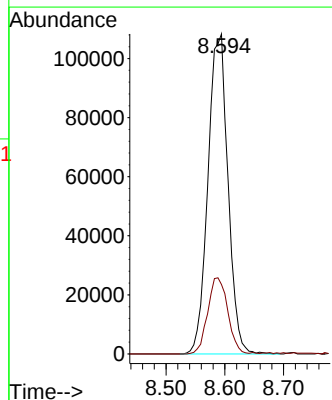
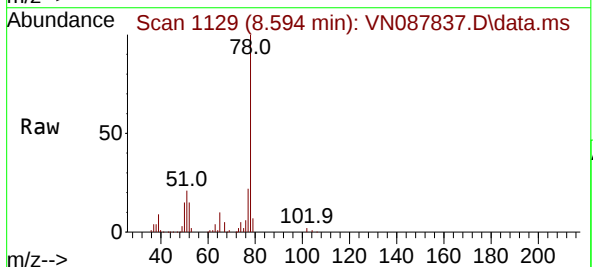
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

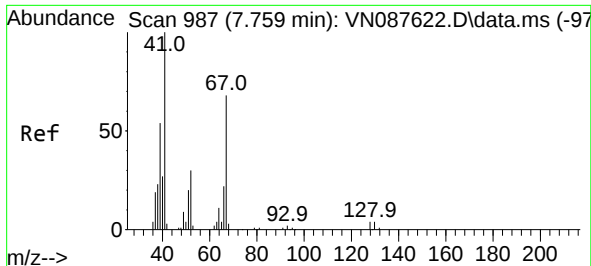
Tgt Ion:	83	Resp:	80456
Ion	Ratio	Lower	Upper
83	100		
55	82.8	64.6	96.8
98	48.2	38.4	57.6



#40
Benzene
Concen: 18.615 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:	78	Resp:	256248
Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.7	29.5

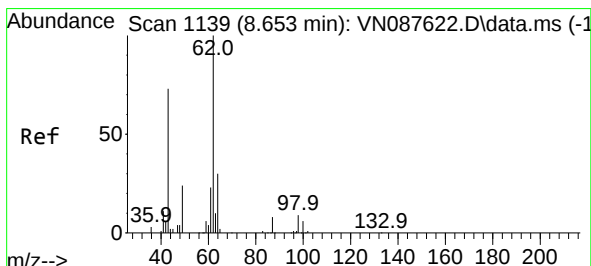
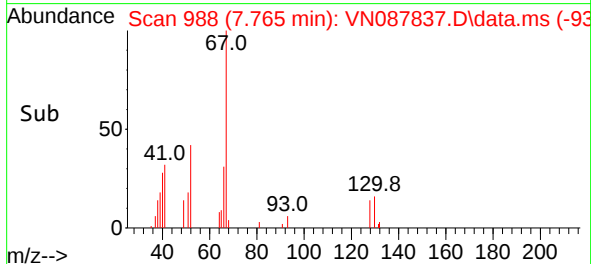
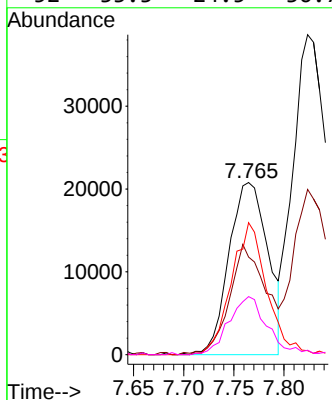
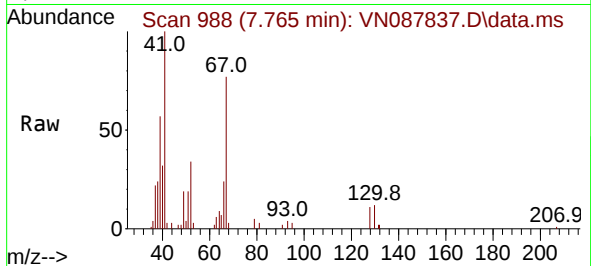




#41
Methacrylonitrile
Concen: 17.750 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

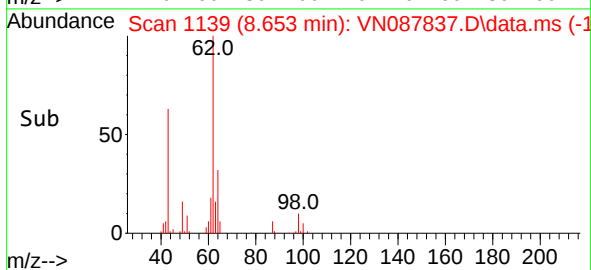
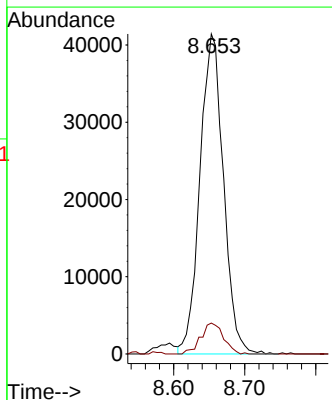
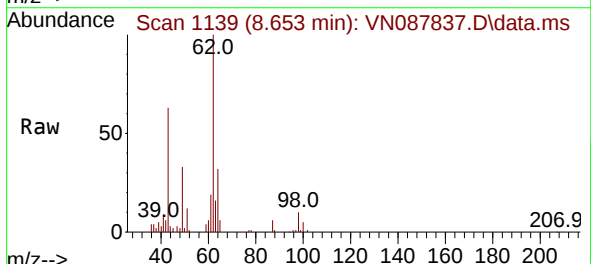
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

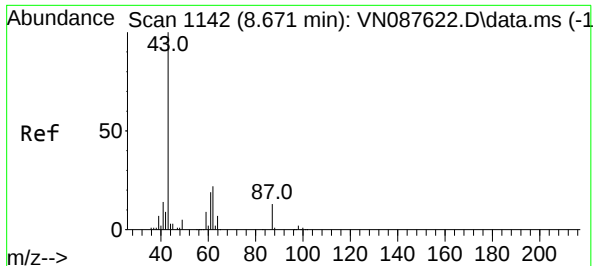
Tgt Ion:	41	Resp:	56387
Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.4	68.0
67	69.5	55.3	82.9
52	33.3	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.004 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:	62	Resp:	95239
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.4

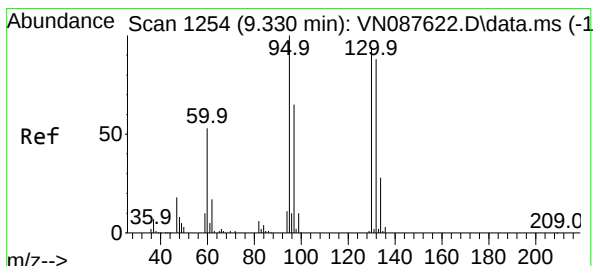
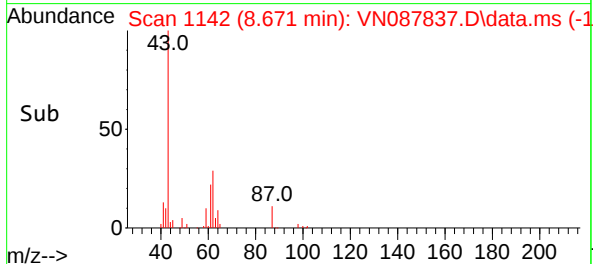
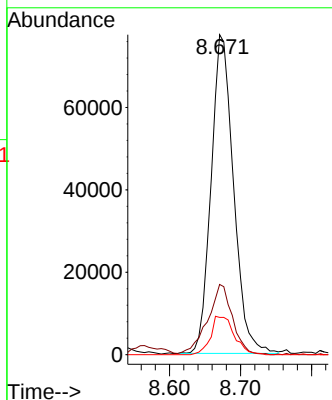
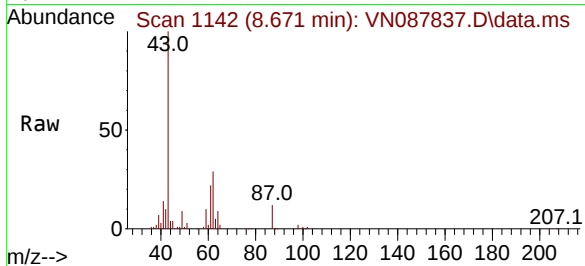




#43
Isopropyl Acetate
Concen: 17.700 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

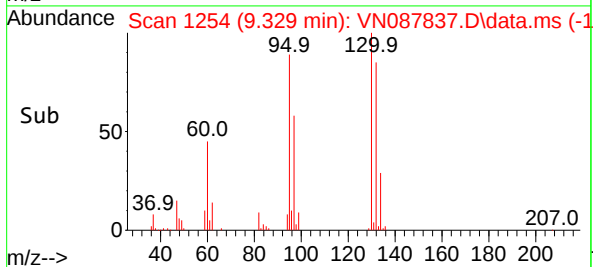
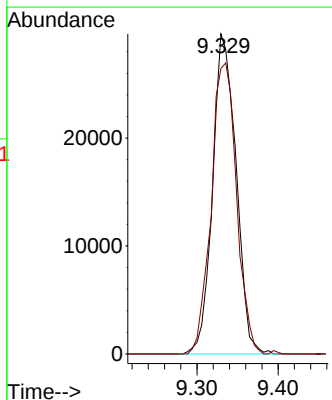
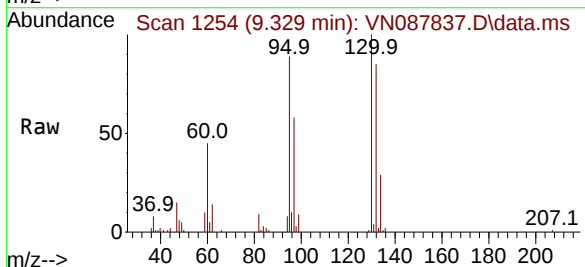
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

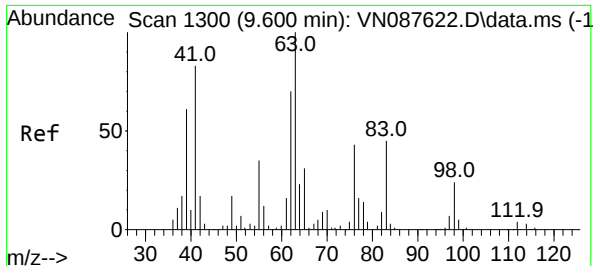
Tgt Ion: 43 Resp: 169478
Ion Ratio Lower Upper
43 100
61 24.4 18.8 28.2
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 18.919 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:130 Resp: 59459
Ion Ratio Lower Upper
130 100
95 89.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.790 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

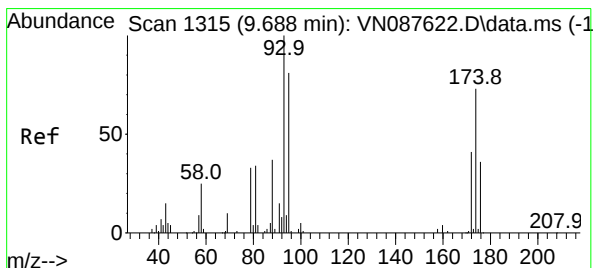
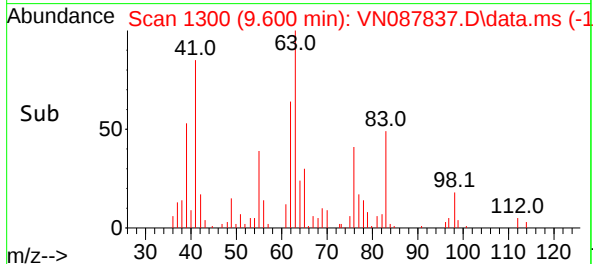
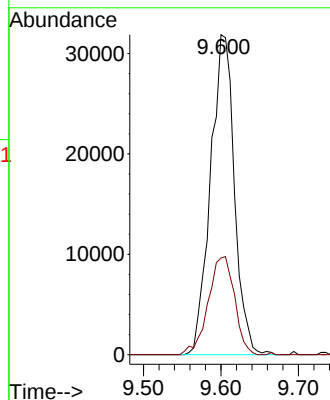
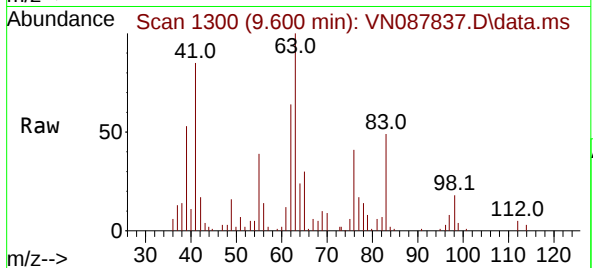
VN0915MBS01

Tgt Ion: 63 Resp: 68179

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 19.077 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

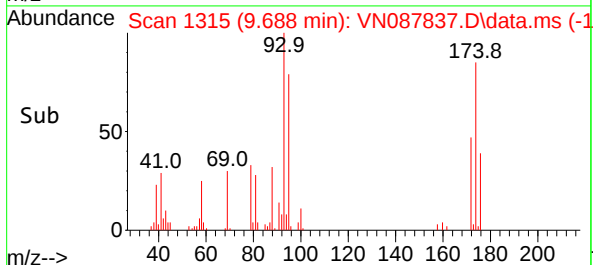
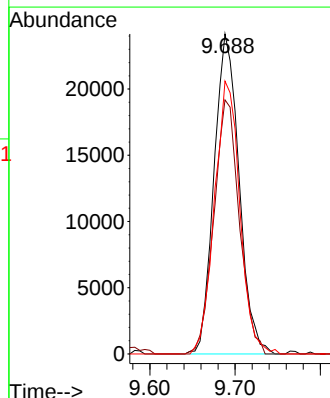
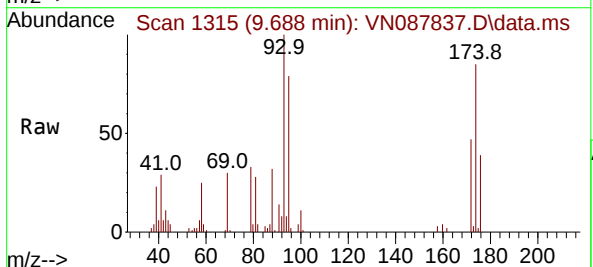
Tgt Ion: 93 Resp: 49259

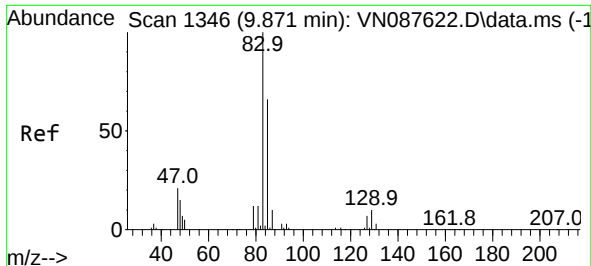
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 86.3 63.4 95.2

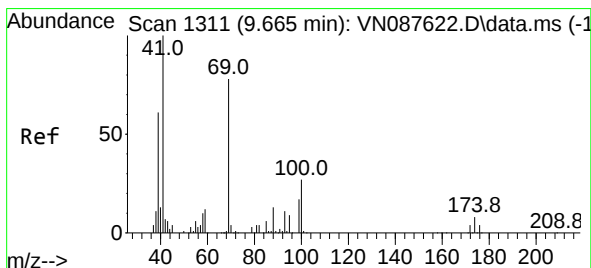
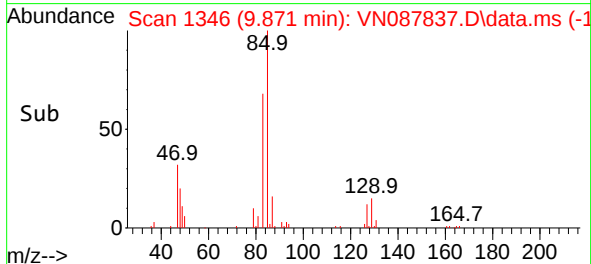
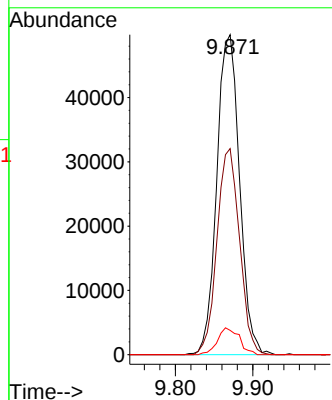
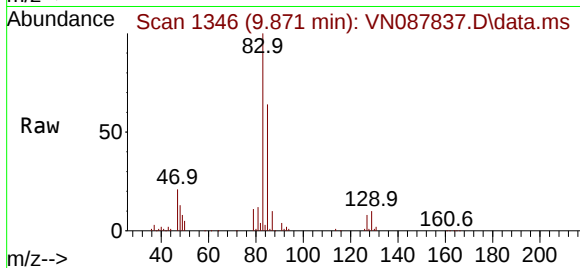




#47
Bromodichloromethane
Concen: 19.195 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

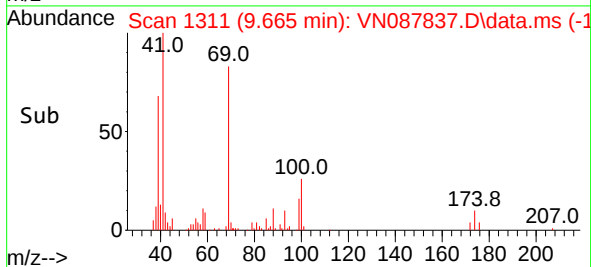
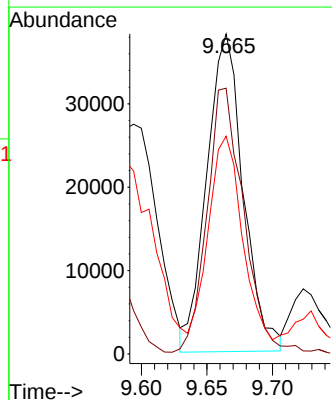
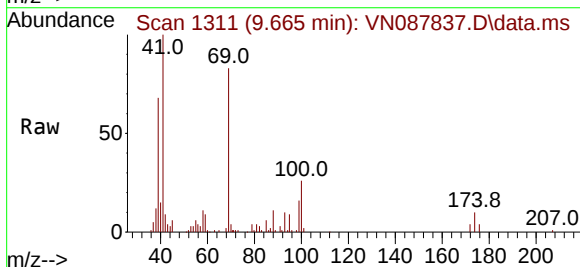
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

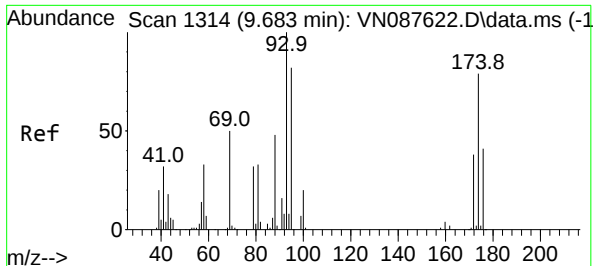
Tgt Ion: 83 Resp: 101576
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7
127 7.6 5.8 8.6



#48
Methyl methacrylate
Concen: 16.269 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 41 Resp: 73680
Ion Ratio Lower Upper
41 100
69 85.1 62.7 94.1
39 66.2 52.9 79.3





#49

1,4-Dioxane

Concen: 385.576 ug/l

RT: 9.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

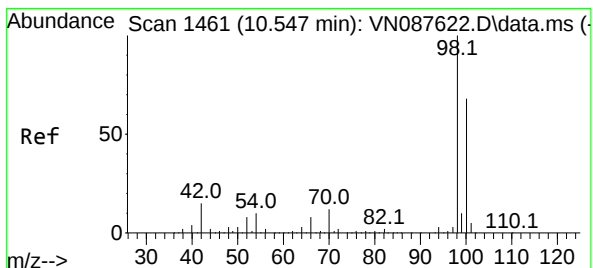
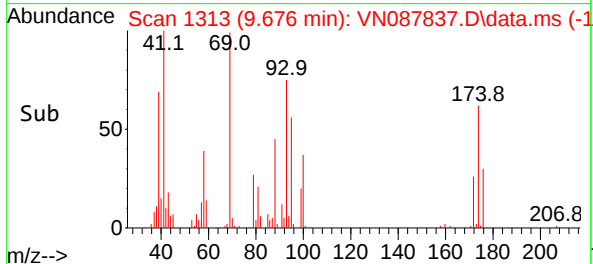
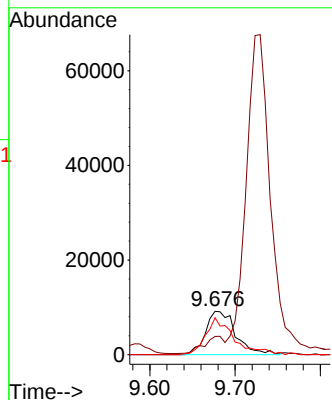
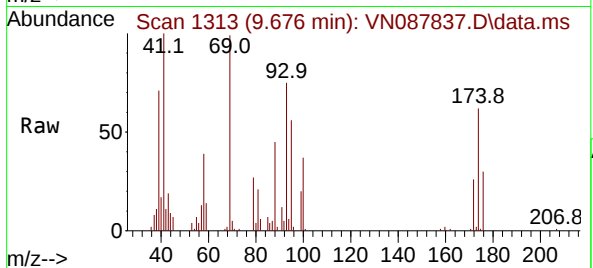
Tgt Ion: 88 Resp: 22634

Ion Ratio Lower Upper

88 100

43 28.9 0.0 0.0#

58 79.4 57.9 86.9



#50

Toluene-d8

Concen: 45.615 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087837.D

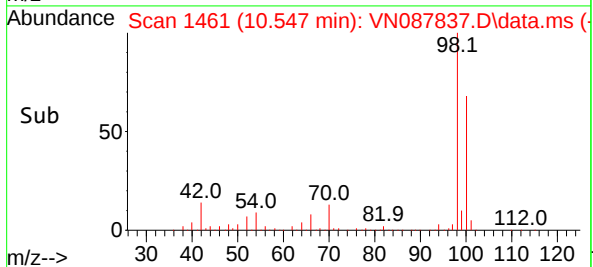
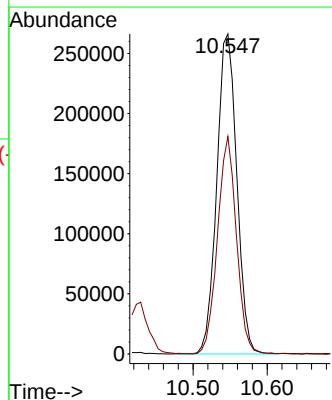
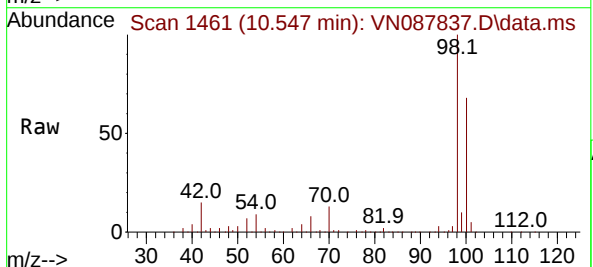
Acq: 15 Sep 2025 15:02

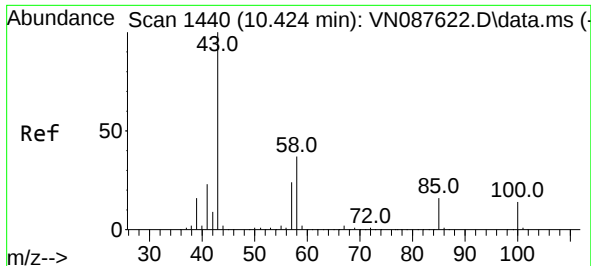
Tgt Ion: 98 Resp: 499460

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

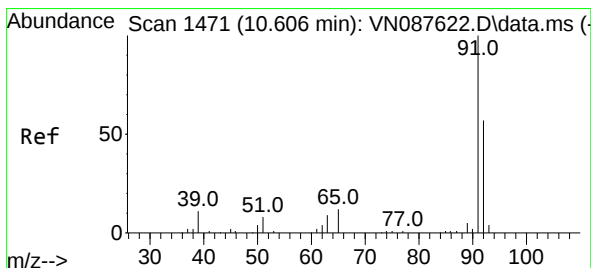
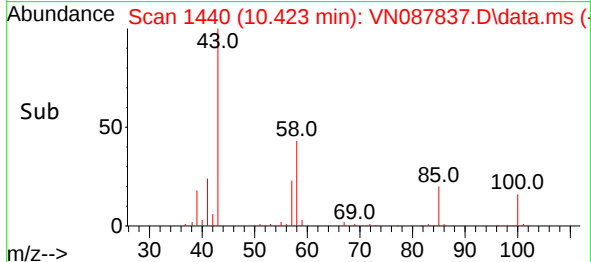
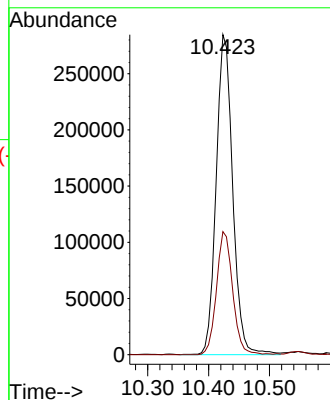
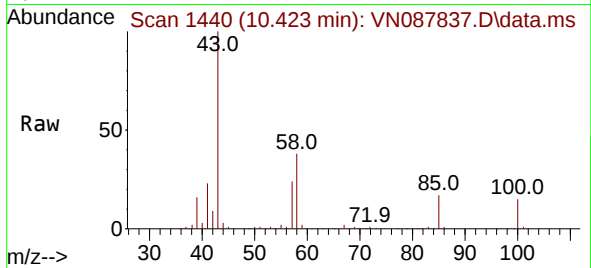




#51
4-Methyl-2-Pentanone
Concen: 92.940 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

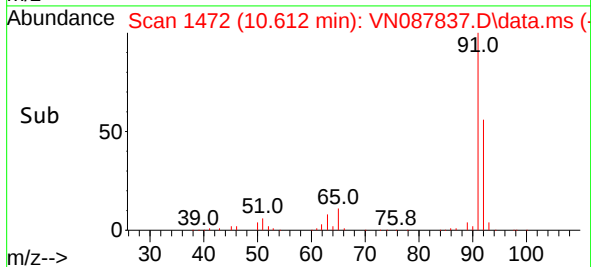
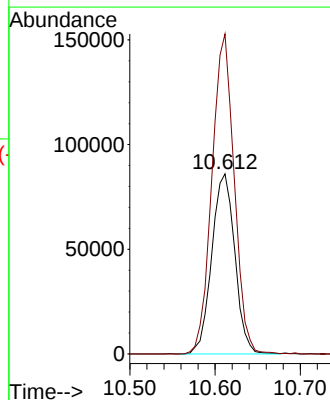
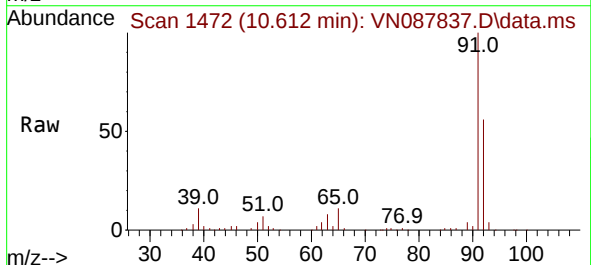
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

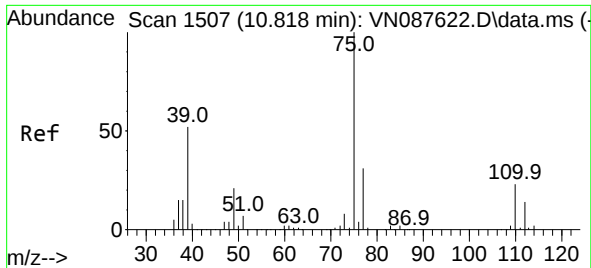
Tgt Ion: 43 Resp: 536906
Ion Ratio Lower Upper
43 100
58 37.7 29.6 44.4



#52
Toluene
Concen: 18.966 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 92 Resp: 161853
Ion Ratio Lower Upper
92 100
91 172.0 140.4 210.6

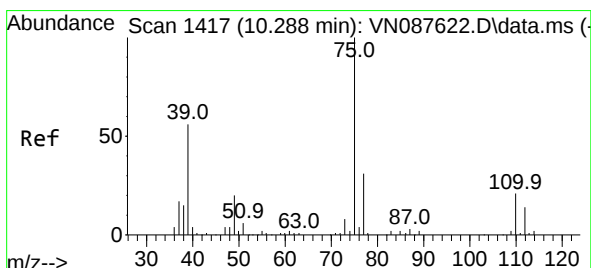
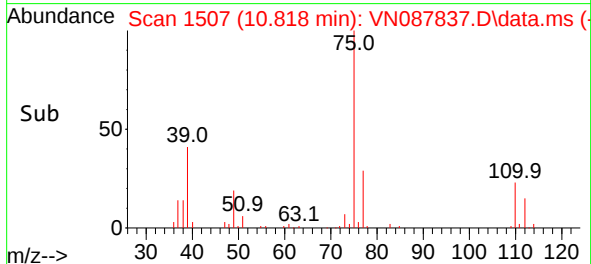
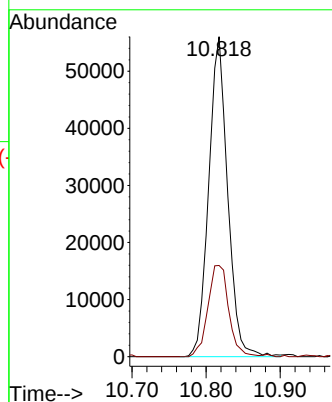
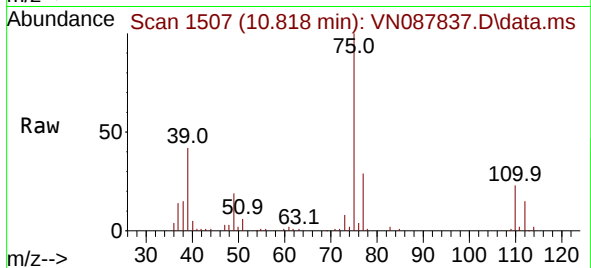




#53
 t-1,3-Dichloropropene
 Concen: 18.163 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

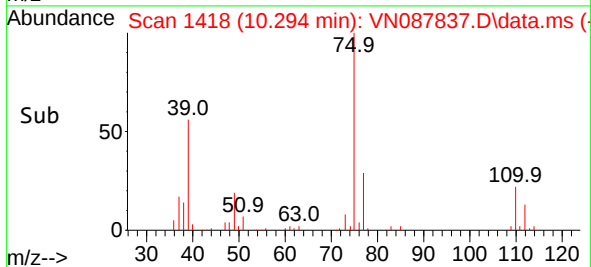
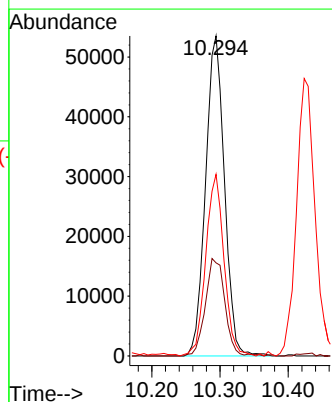
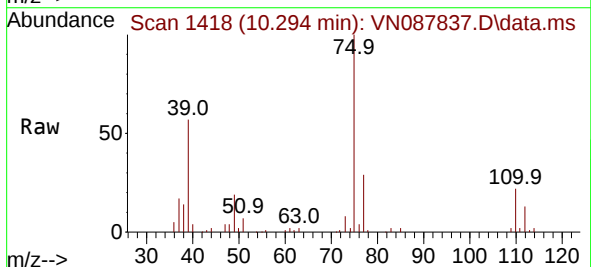
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

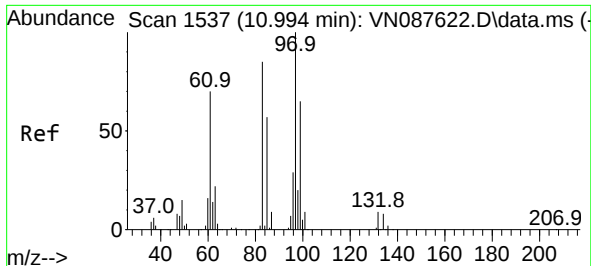
Tgt Ion: 75 Resp: 99488
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.169 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion: 75 Resp: 103336
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.6 37.0
 39 56.8 45.2 67.8

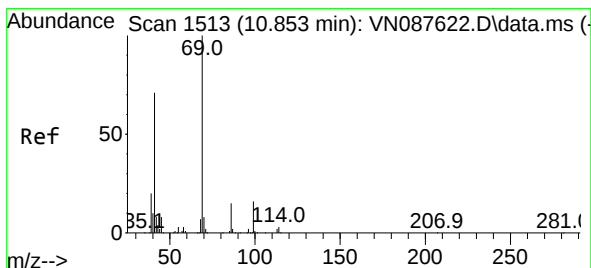
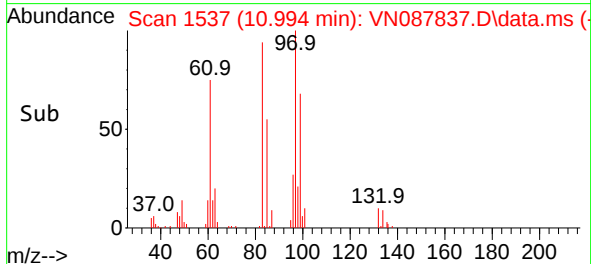
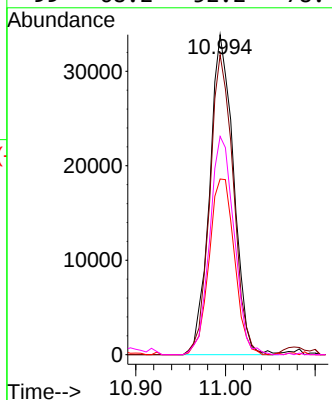
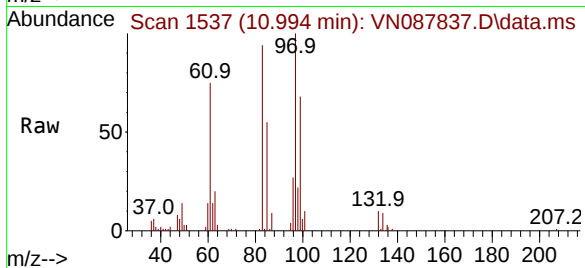




#55
1,1,2-Trichloroethane
Concen: 19.040 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

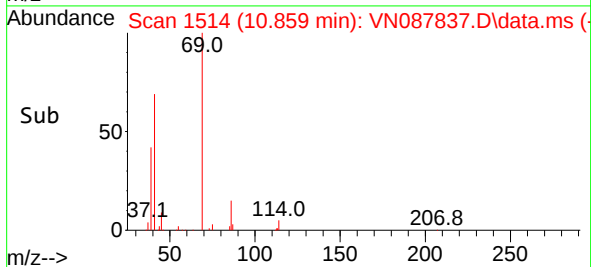
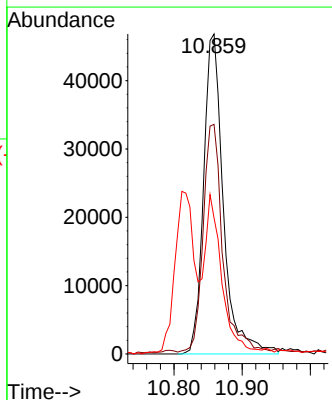
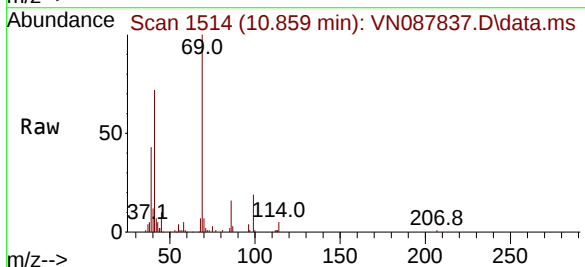
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

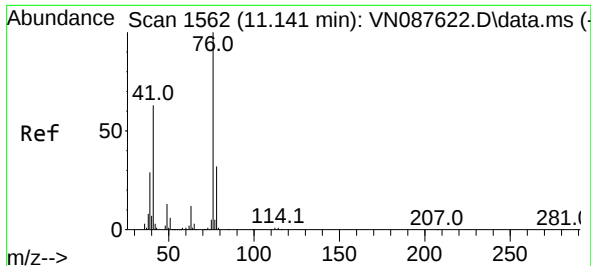
Tgt Ion:	97	Resp:	62857
Ion	Ratio	Lower	Upper
97	100		
83	93.7	68.2	102.4
85	54.9	45.5	68.3
99	68.2	52.2	78.4



#56
Ethyl methacrylate
Concen: 17.921 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:	69	Resp:	94548
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.5	84.7
39	41.8	34.2	51.4

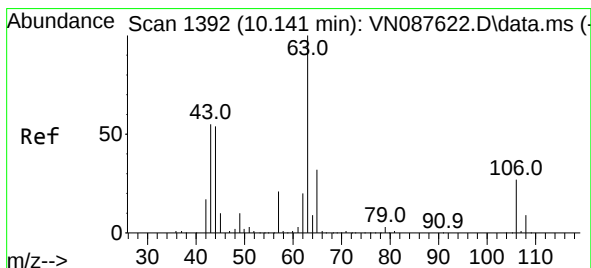
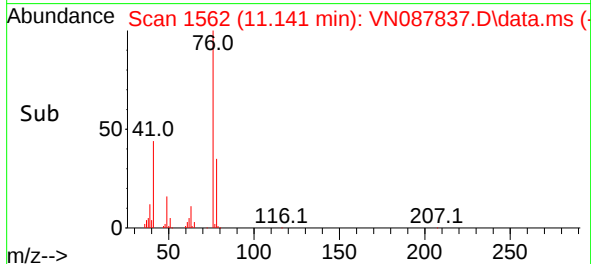
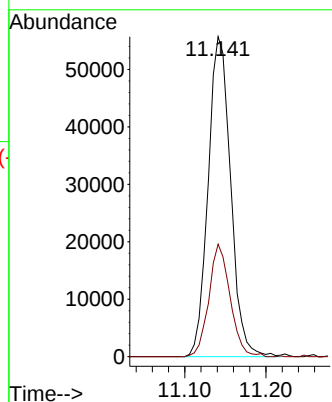
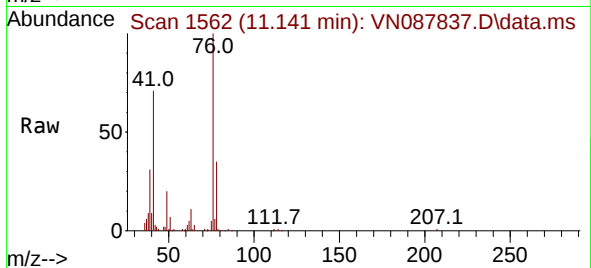




#57
1,3-Dichloropropane
Concen: 18.355 ug/l
RT: 11.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

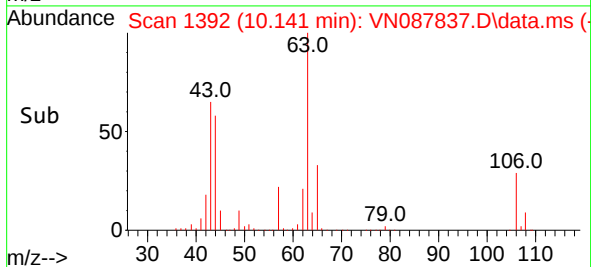
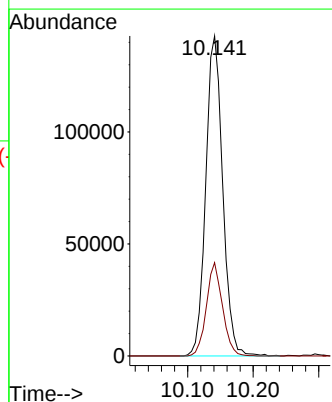
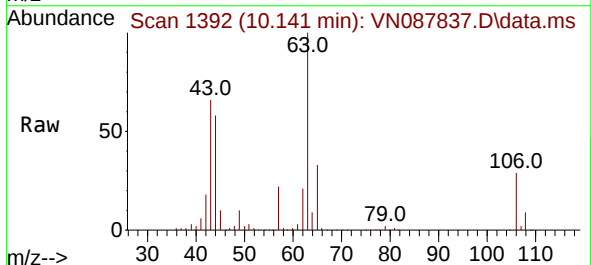
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

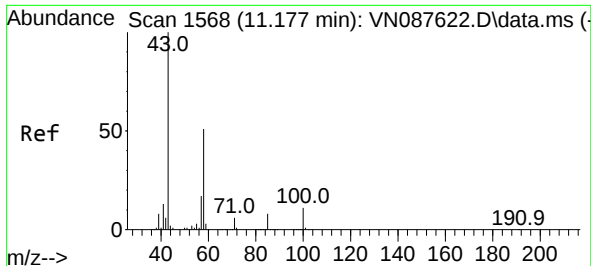
Tgt Ion: 76 Resp: 107237
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 89.974 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 63 Resp: 256924
Ion Ratio Lower Upper
63 100
106 27.6 21.1 31.7

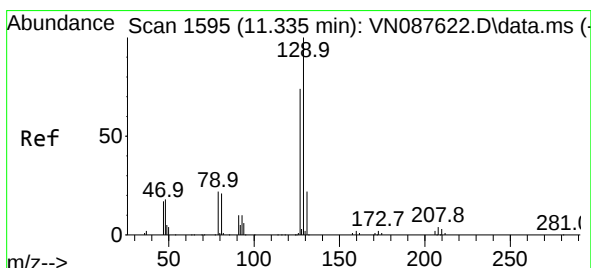
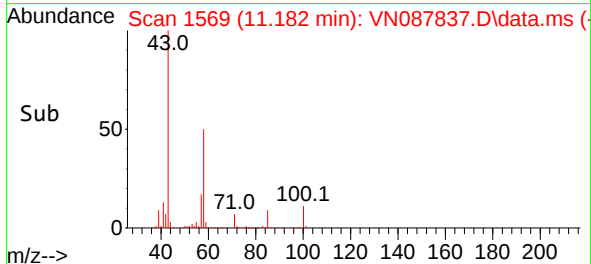
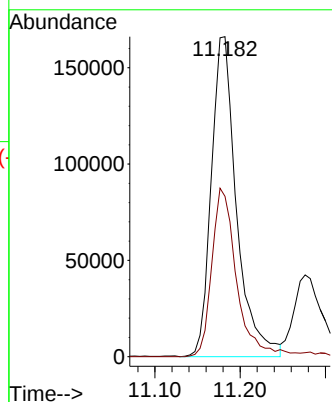
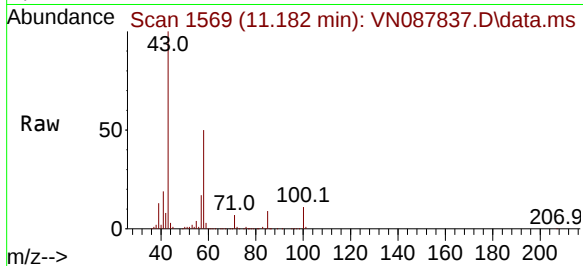




#59
2-Hexanone
Concen: 93.792 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

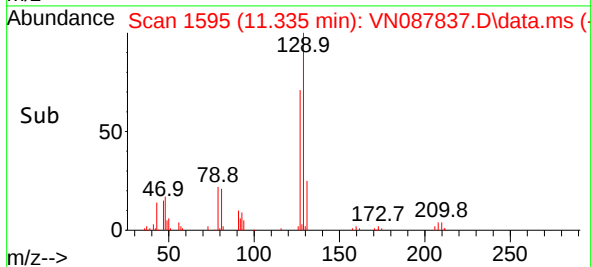
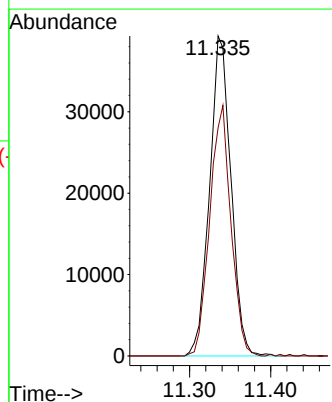
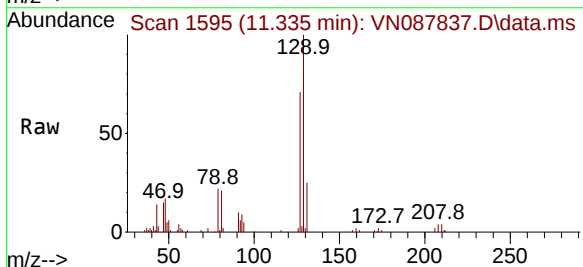
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

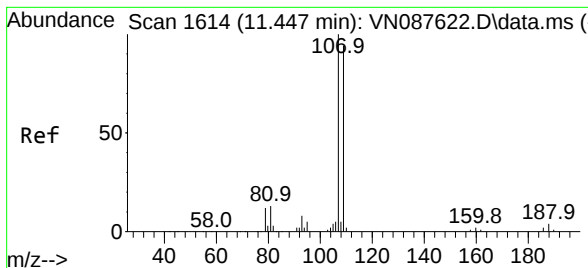
Tgt Ion: 43 Resp: 342435
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 18.789 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 129 Resp: 71871
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

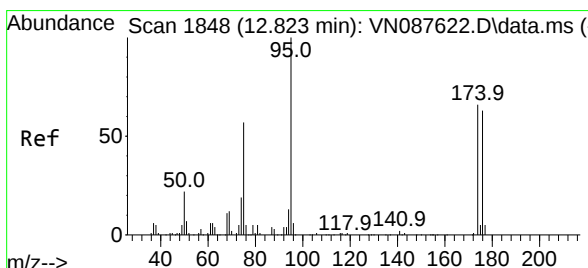
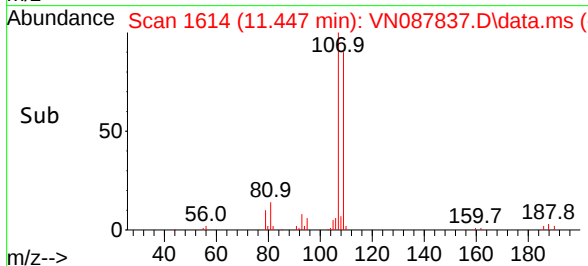
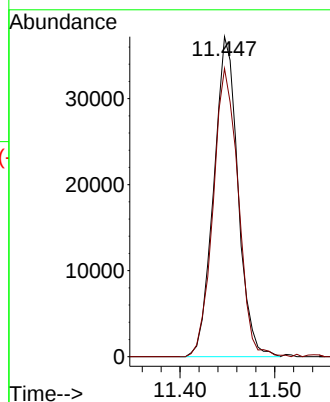
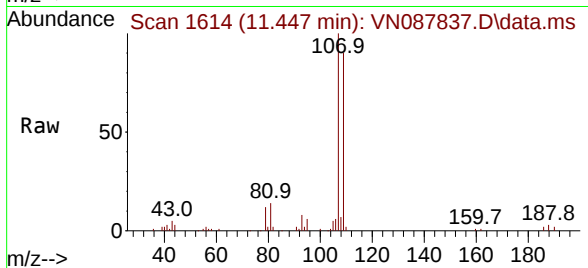




#61
1,2-Dibromoethane
Concen: 18.993 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

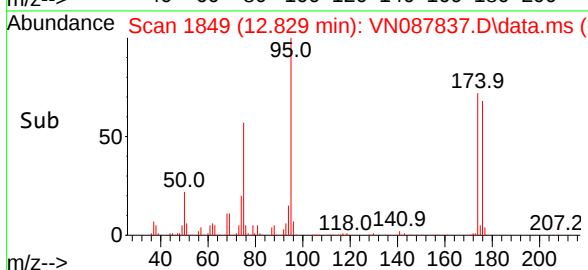
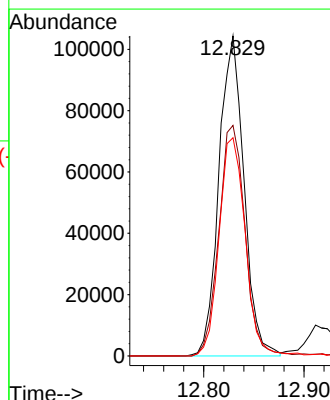
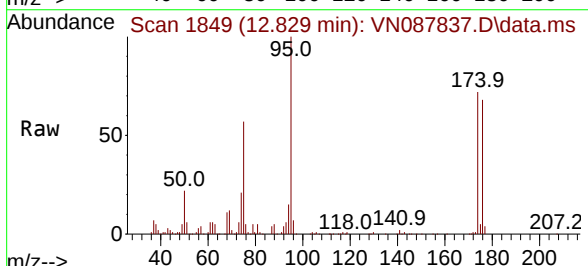
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

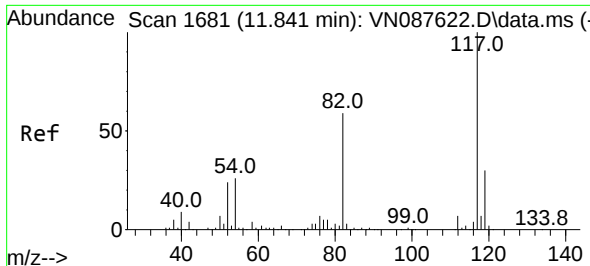
Tgt Ion:107 Resp: 66113
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.416 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 95 Resp: 180743
Ion Ratio Lower Upper
95 100
174 75.3 0.0 138.4
176 71.6 0.0 132.6

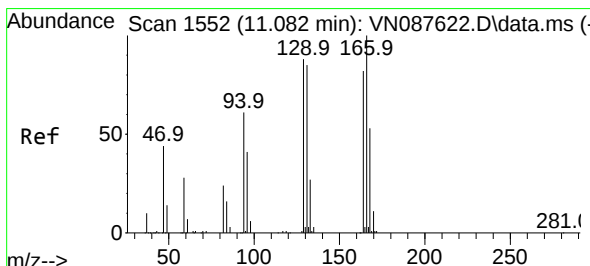
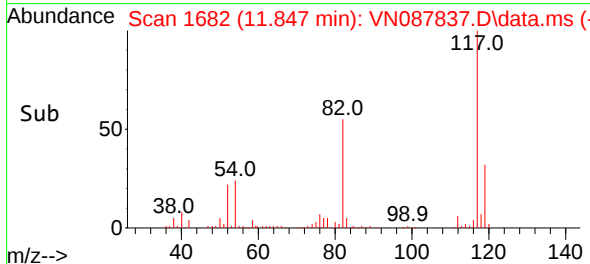
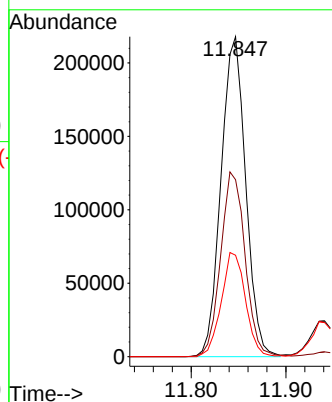
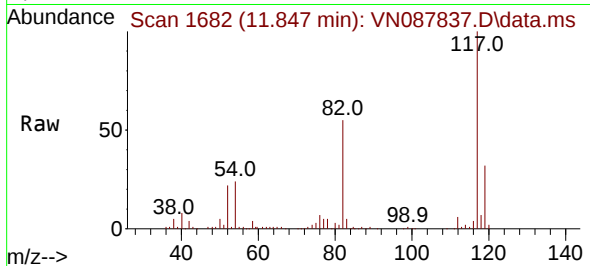




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

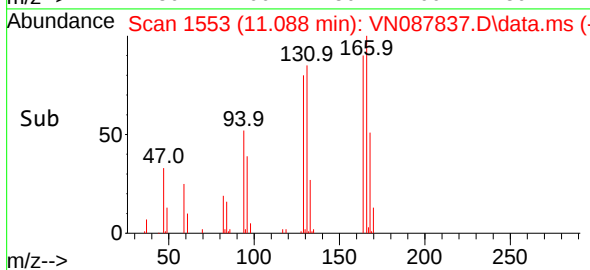
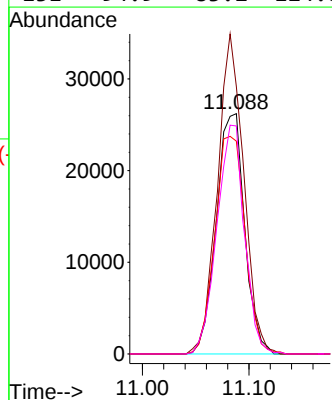
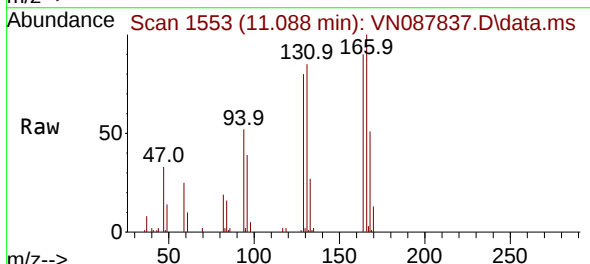
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

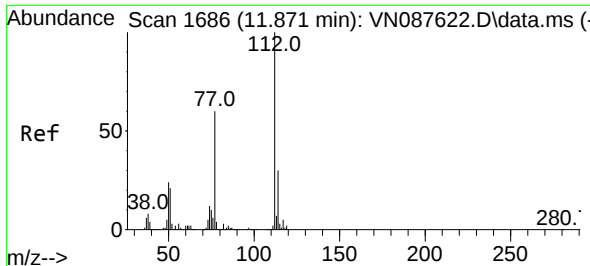
Tgt Ion:117 Resp: 394337
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.7 24.3 36.5



#64
Tetrachloroethene
Concen: 17.683 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:164 Resp: 48378
Ion Ratio Lower Upper
164 100
166 111.3 97.7 146.5
129 88.6 85.9 128.9
131 94.9 83.2 124.8

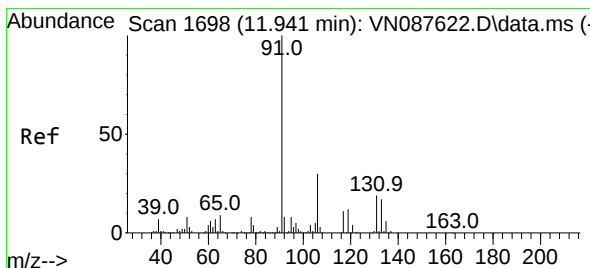
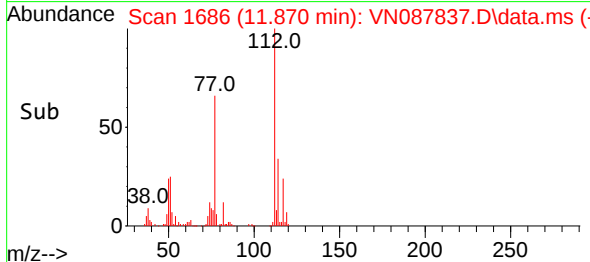
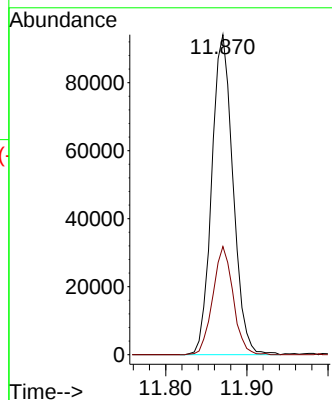
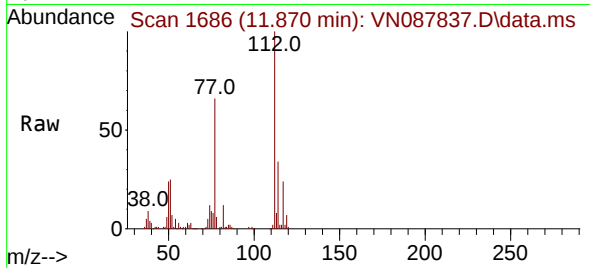




#65
Chlorobenzene
Concen: 17.451 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

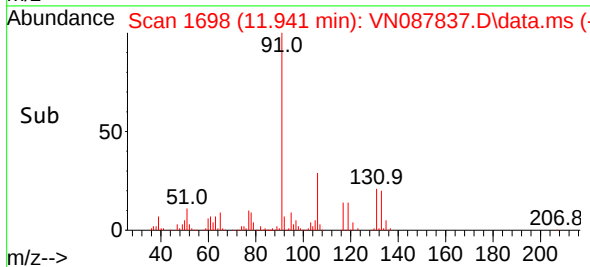
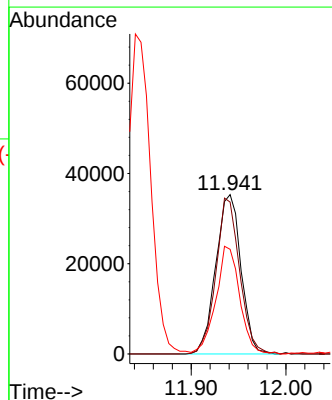
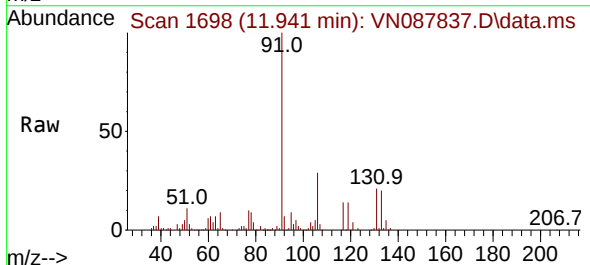
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

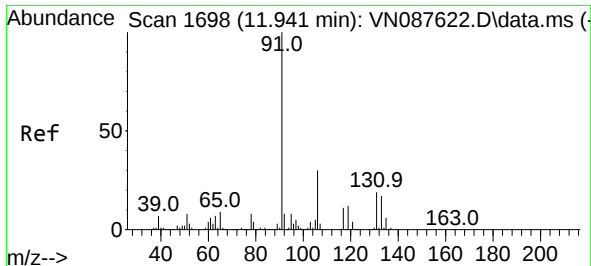
Tgt Ion:112 Resp: 171204
Ion Ratio Lower Upper
112 100
114 33.8 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.998 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:131 Resp: 65131
Ion Ratio Lower Upper
131 100
133 92.6 48.0 144.0
119 64.2 32.6 97.7

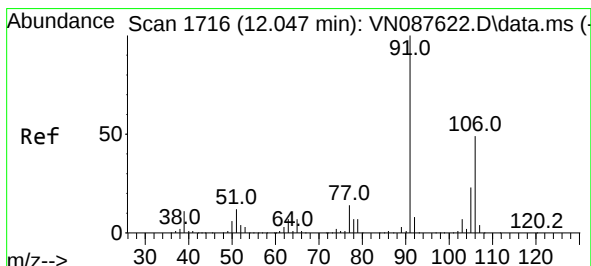
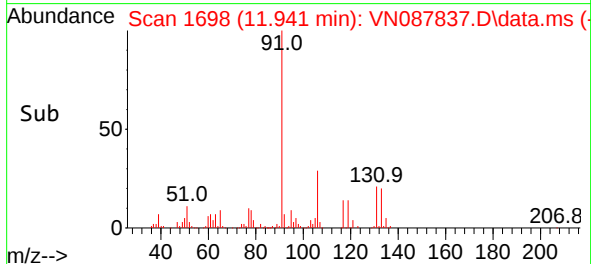
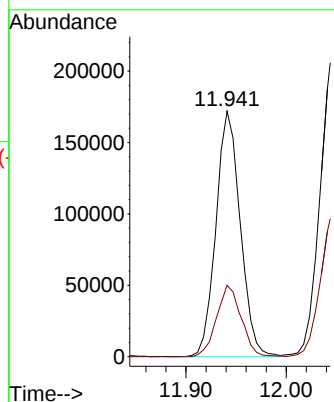
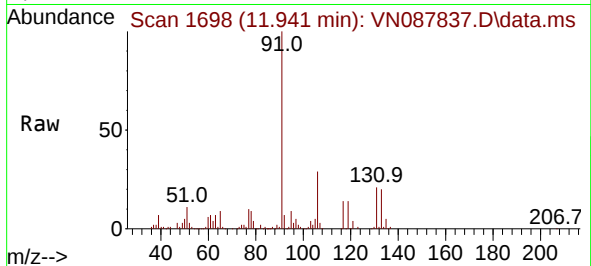




#67
Ethyl Benzene
Concen: 17.030 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

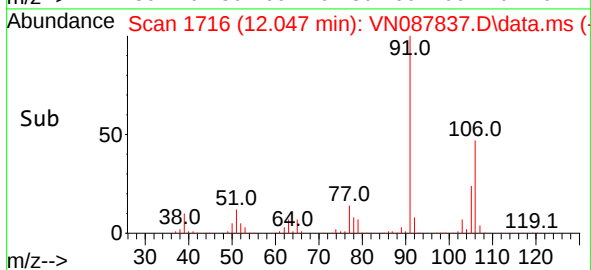
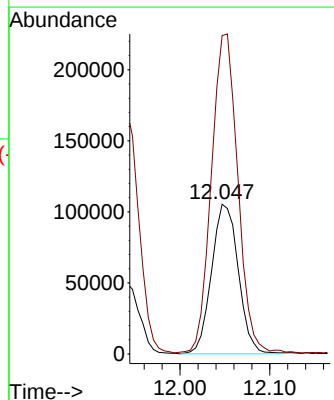
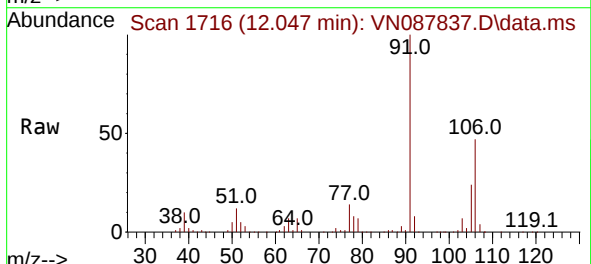
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

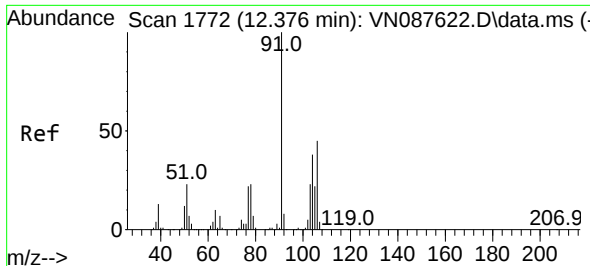
Tgt Ion: 91 Resp: 289282
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 34.929 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 106 Resp: 217591
Ion Ratio Lower Upper
106 100
91 211.5 169.3 253.9

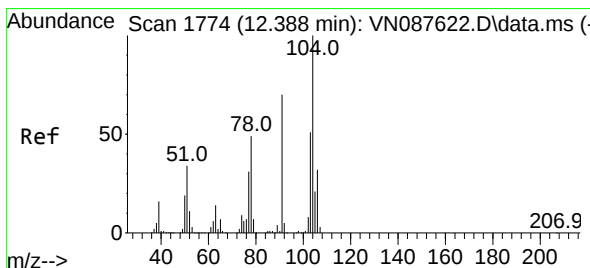
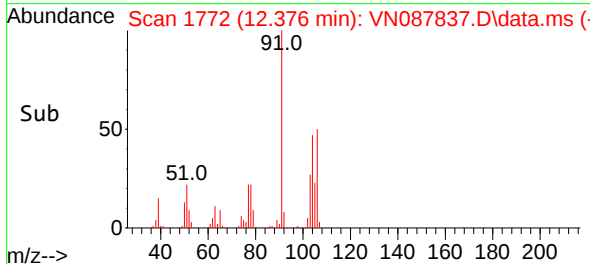
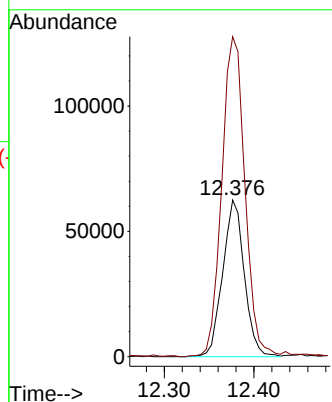
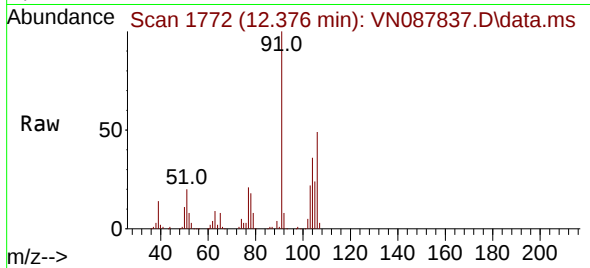




#69
o-Xylene
Concen: 17.121 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

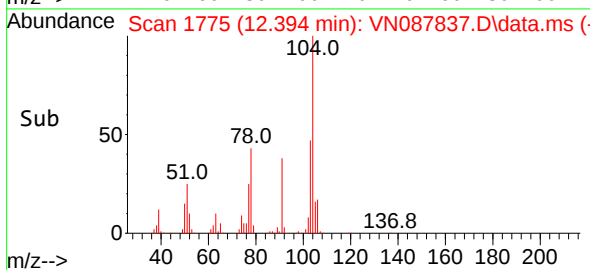
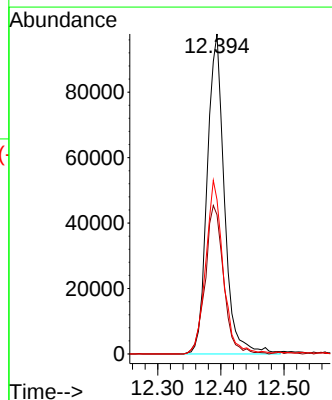
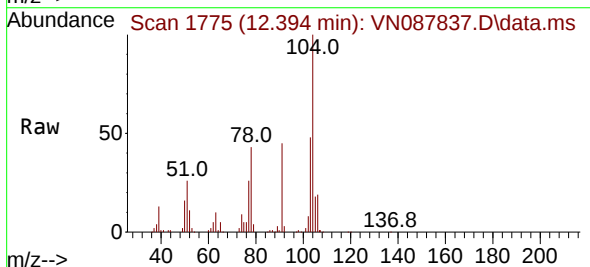
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

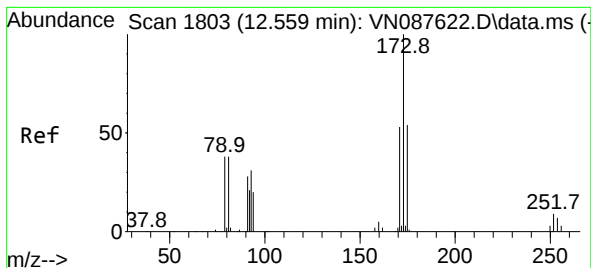
Tgt Ion:106 Resp: 104520
Ion Ratio Lower Upper
106 100
91 218.2 111.4 334.2



#70
Styrene
Concen: 18.012 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:104 Resp: 184223
Ion Ratio Lower Upper
104 100
78 49.4 42.2 63.2
103 55.1 43.4 65.2





#71

Bromoform

Concen: 18.501 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

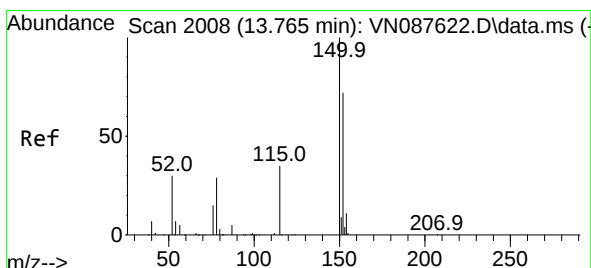
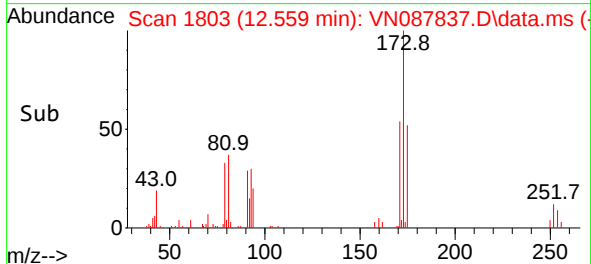
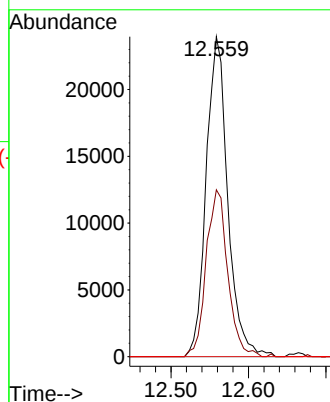
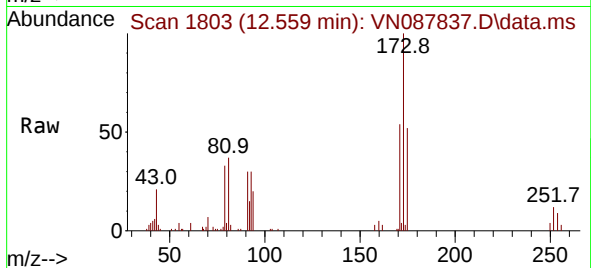
Tgt Ion:173 Resp: 46212

Ion Ratio Lower Upper

173 100

175 52.2 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: VN087837.D

Acq: 15 Sep 2025 15:02

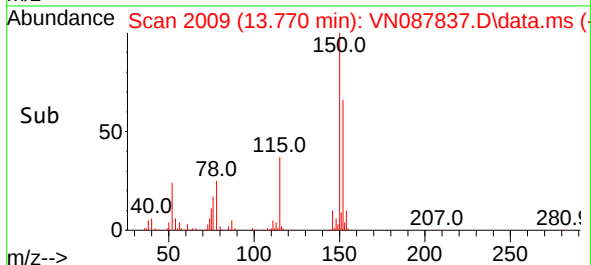
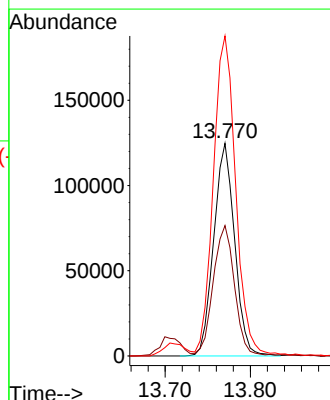
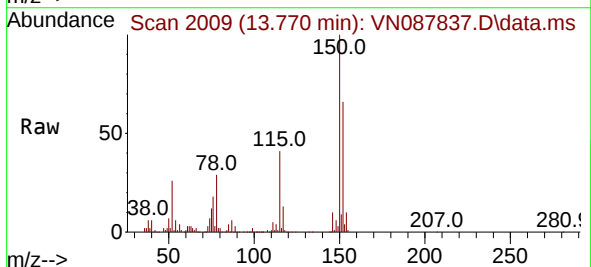
Tgt Ion:152 Resp: 213436

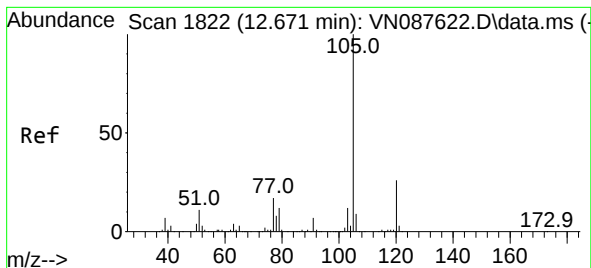
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 160.6 0.0 351.0





#73

Isopropylbenzene

Concen: 15.586 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

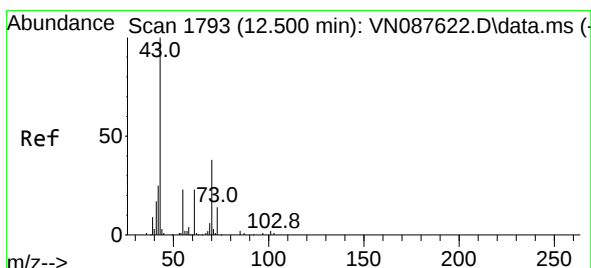
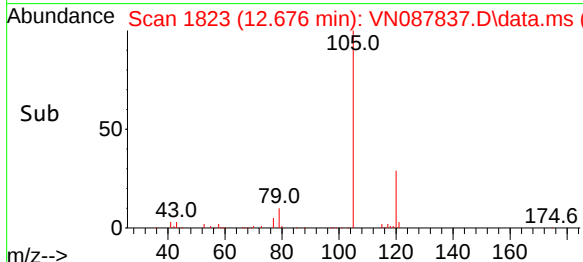
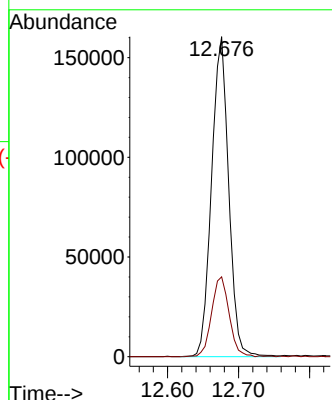
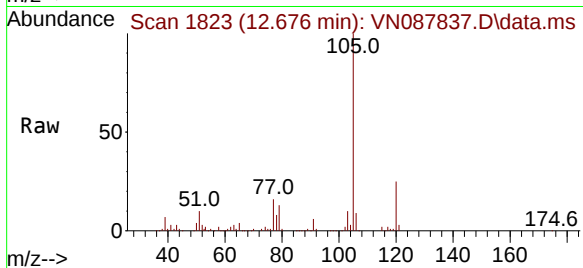
VN0915MBS01

Tgt Ion:105 Resp: 268813

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 2.282 ug/l

RT: 12.535 min Scan# 1799

Delta R.T. 0.035 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Tgt Ion: 43 Resp: 14918

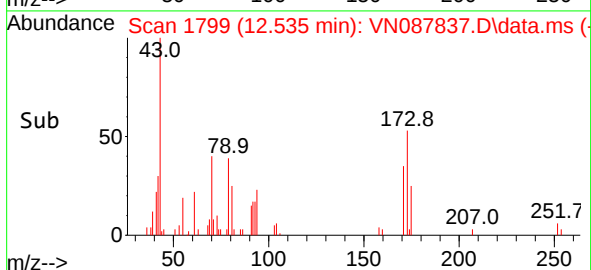
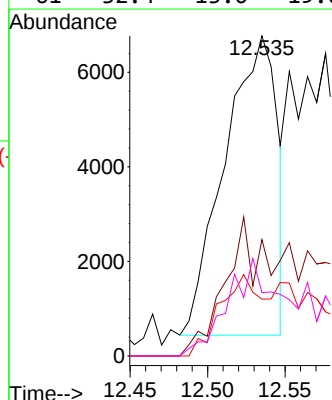
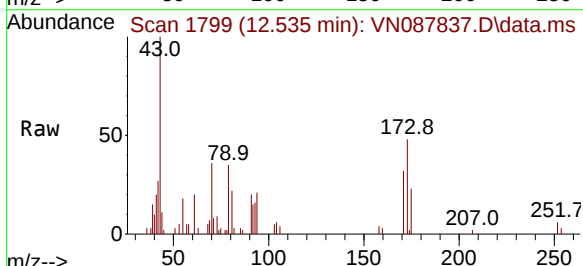
Ion Ratio Lower Upper

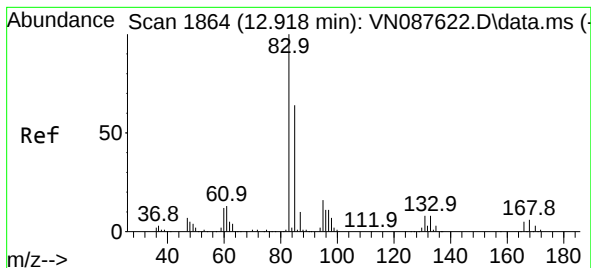
43 100

70 34.2 27.6 41.4

55 20.3 13.0 19.6#

61 32.4 13.0 19.6#

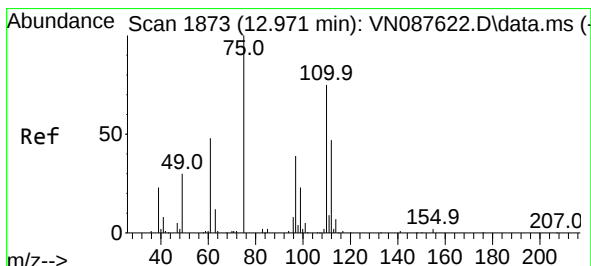
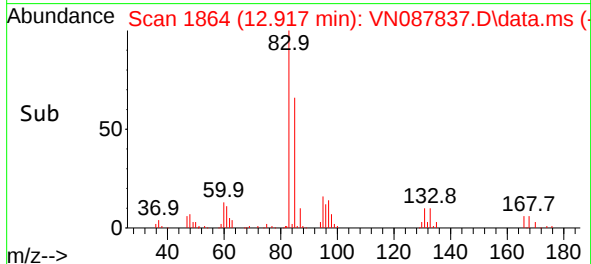
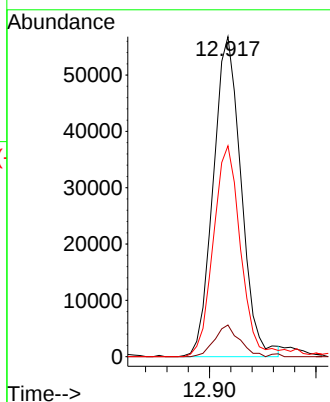
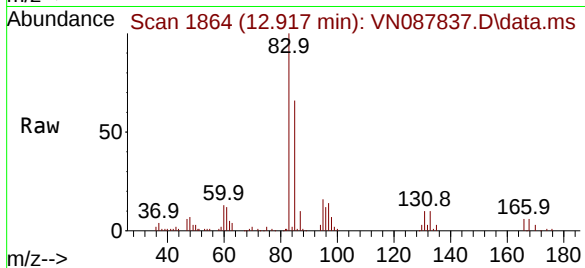




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.391 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

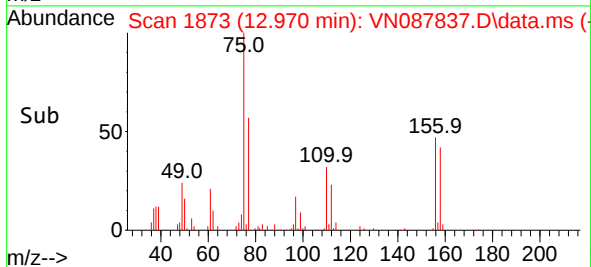
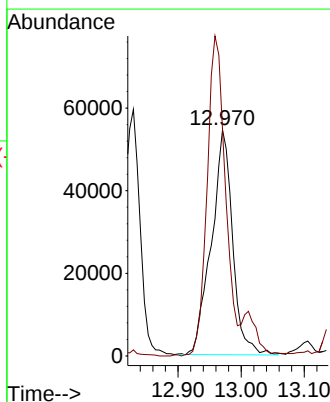
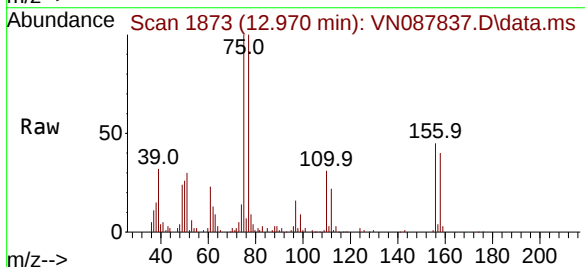
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

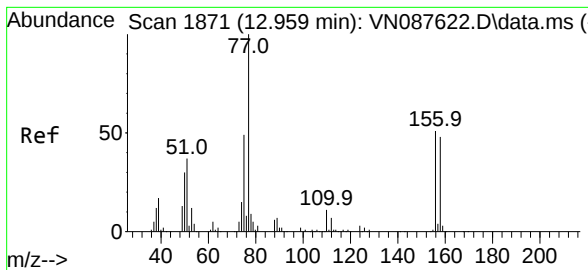
Tgt Ion: 83 Resp: 103264
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.8 14.4
 85 65.8 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 25.482 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion: 75 Resp: 127541
 Ion Ratio Lower Upper
 75 100
 77 123.4 89.1 267.4

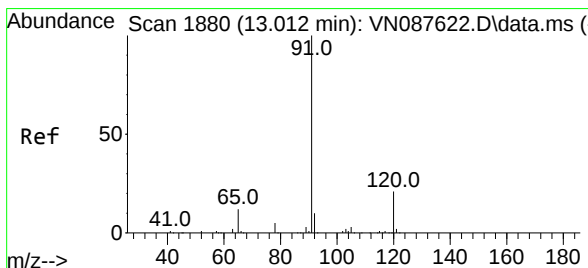
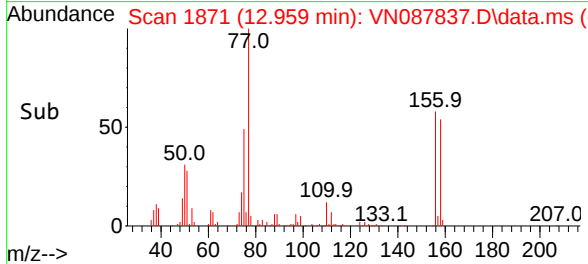
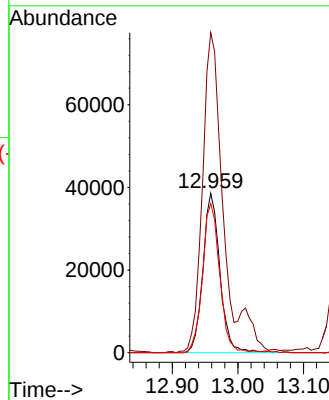
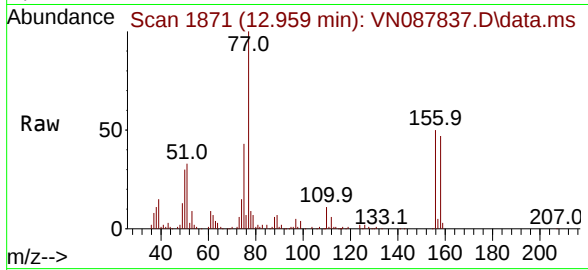




#77
 Bromobenzene
 Concen: 17.127 ug/l
 RT: 12.959 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

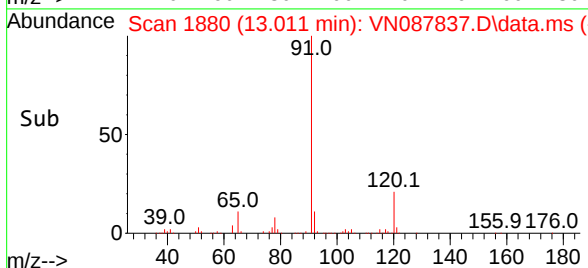
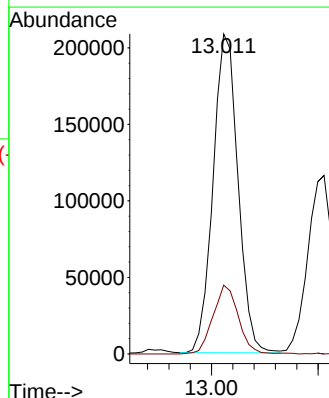
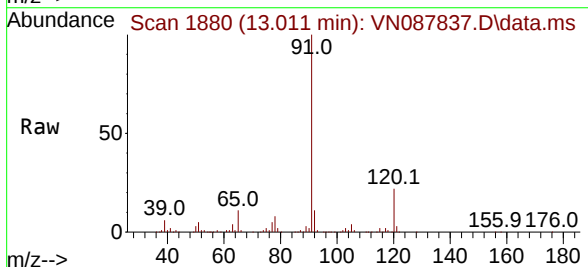
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

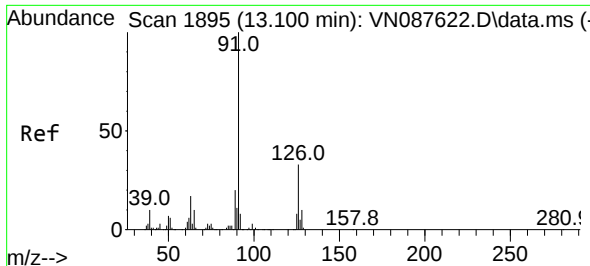
Tgt Ion:156 Resp: 69647
 Ion Ratio Lower Upper
 156 100
 77 226.0 119.3 358.0
 158 94.0 48.2 144.6



#78
 n-propylbenzene
 Concen: 15.911 ug/l
 RT: 13.011 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion: 91 Resp: 338010
 Ion Ratio Lower Upper
 91 100
 120 21.8 10.7 32.1

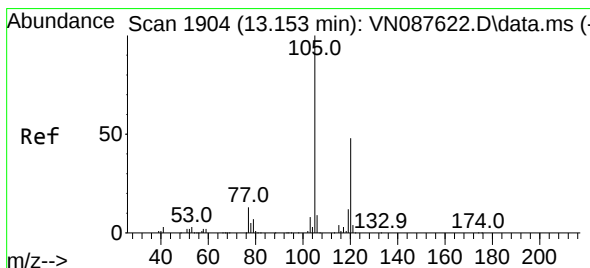
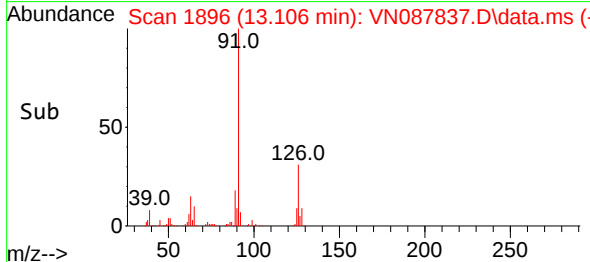
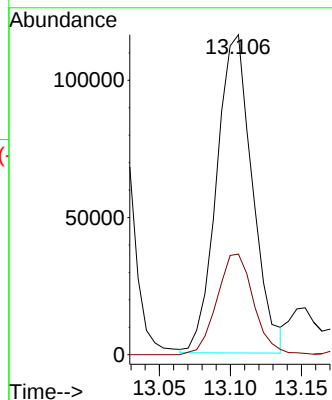
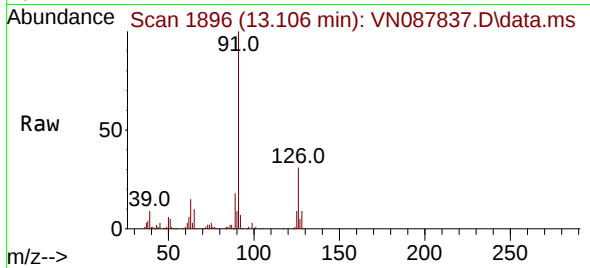




#79
2-Chlorotoluene
Concen: 15.896 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

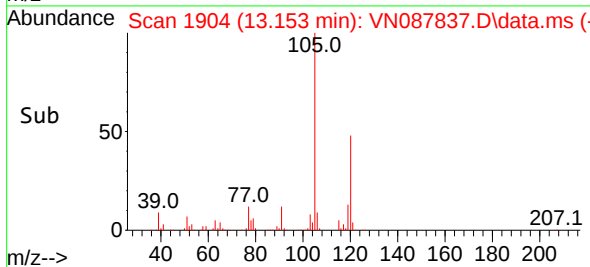
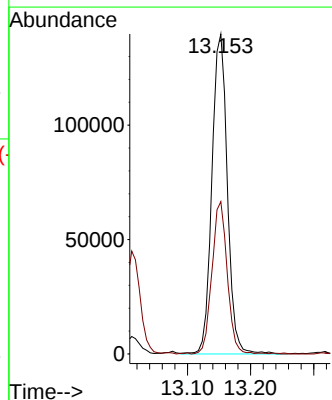
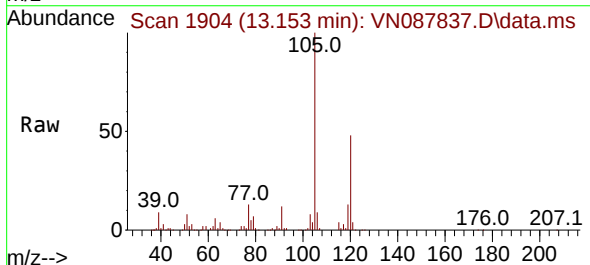
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

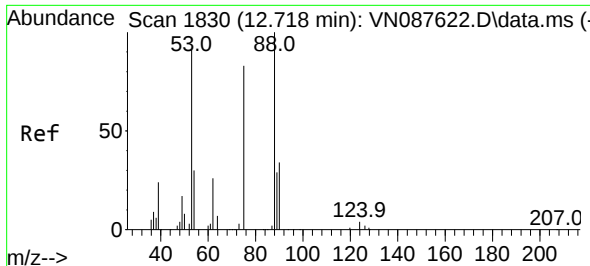
Tgt Ion: 91 Resp: 203223
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 16.231 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 105 Resp: 237481
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6

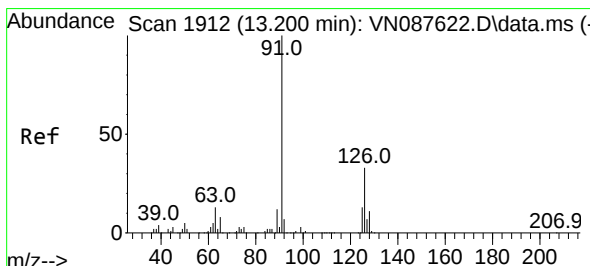
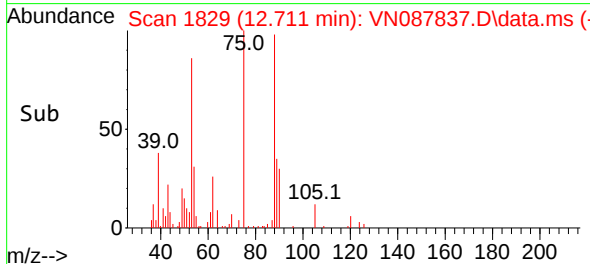
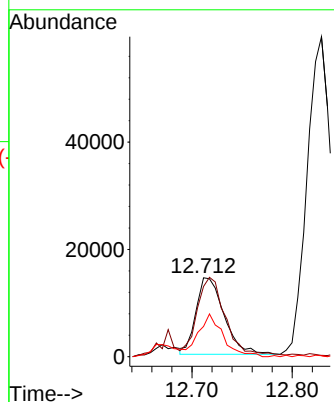
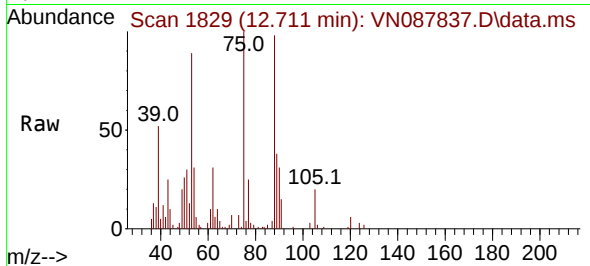




#81
trans-1,4-Dichloro-2-butene
Concen: 14.682 ug/l
RT: 12.711 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

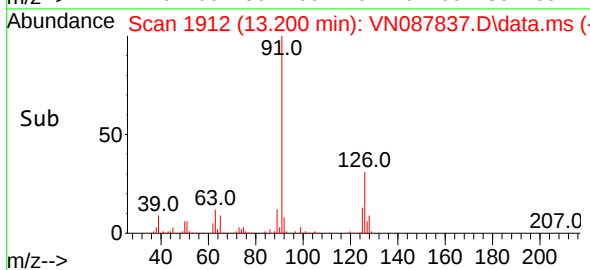
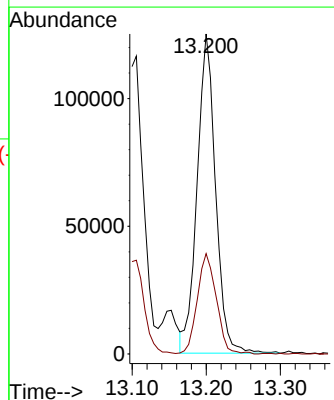
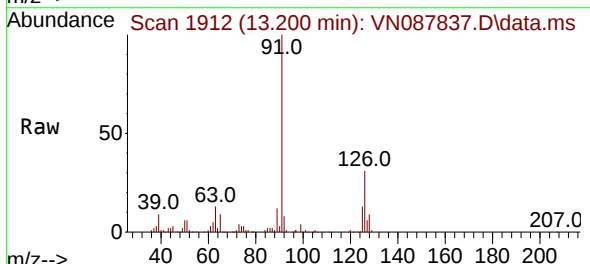
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

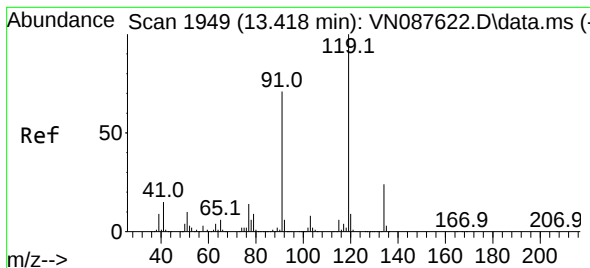
Tgt Ion: 75 Resp: 27758
Ion Ratio Lower Upper
75 100
53 101.6 101.8 152.6#
89 48.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 16.097 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 91 Resp: 216369
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8





#83

tert-Butylbenzene

Concen: 16.000 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

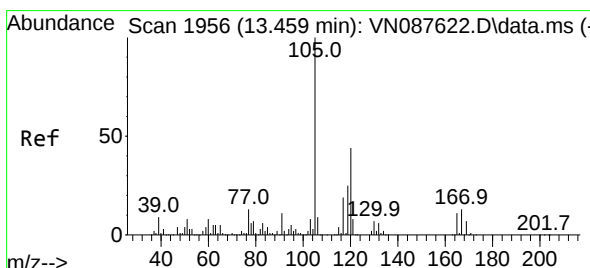
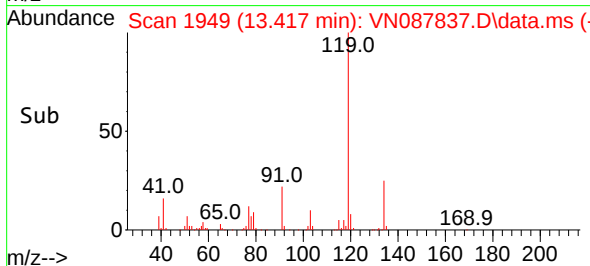
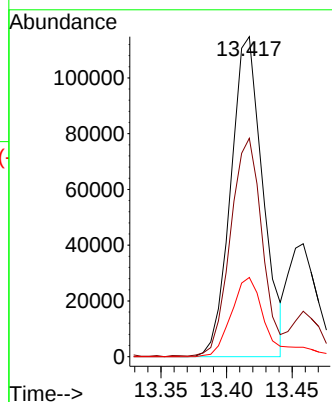
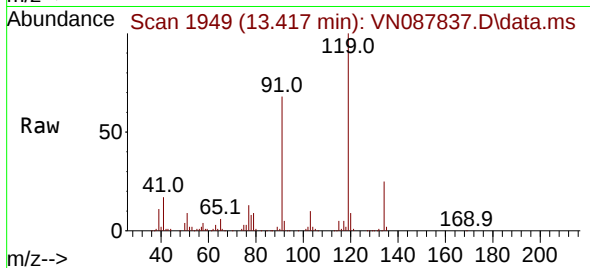
Tgt Ion:119 Resp: 195076

Ion Ratio Lower Upper

119 100

91 67.8 35.0 105.0

134 27.0 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 16.205 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087837.D

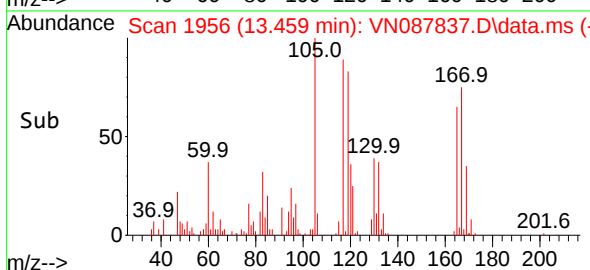
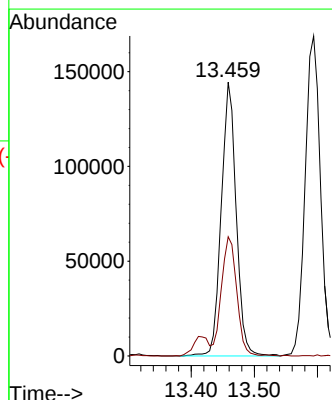
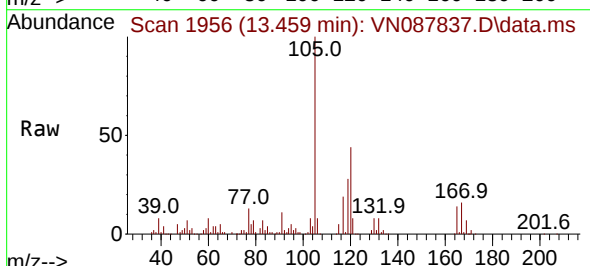
Acq: 15 Sep 2025 15:02

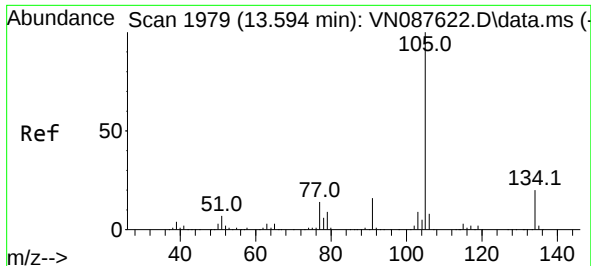
Tgt Ion:105 Resp: 237351

Ion Ratio Lower Upper

105 100

120 44.5 22.0 66.0

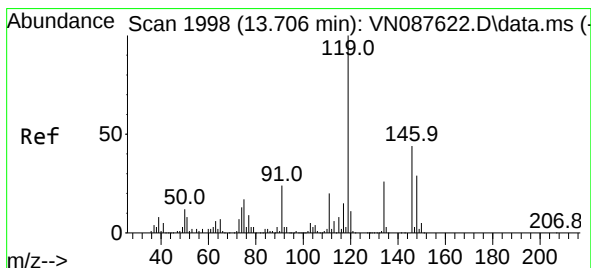
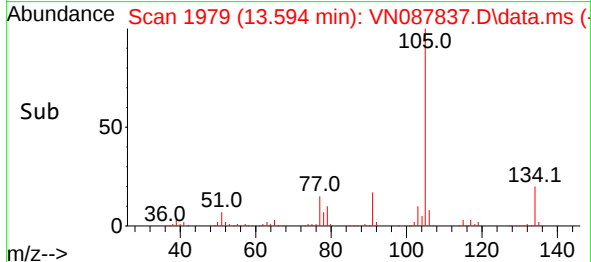
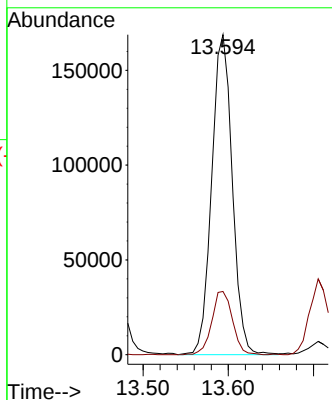
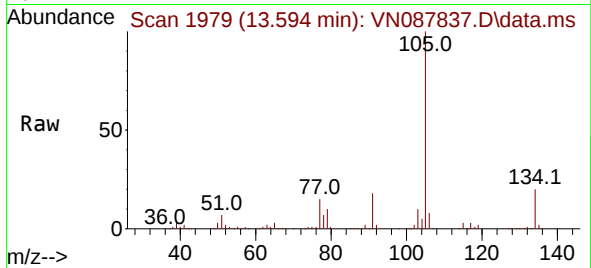




#85
 sec-Butylbenzene
 Concen: 15.660 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

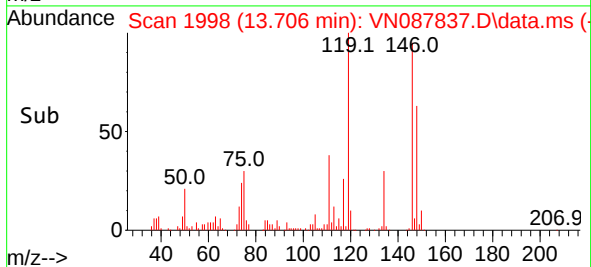
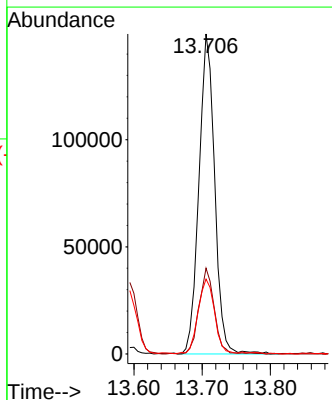
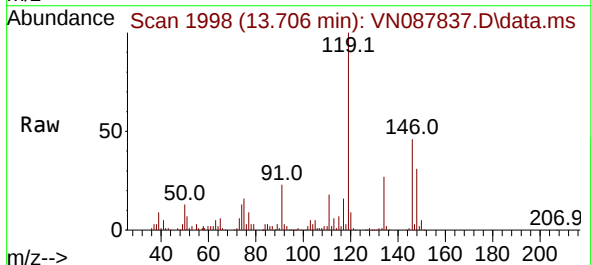
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

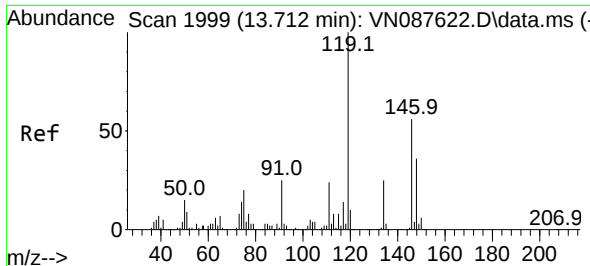
Tgt Ion:105 Resp: 283340
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 16.065 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion:119 Resp: 240015
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 24.0 12.5 37.5

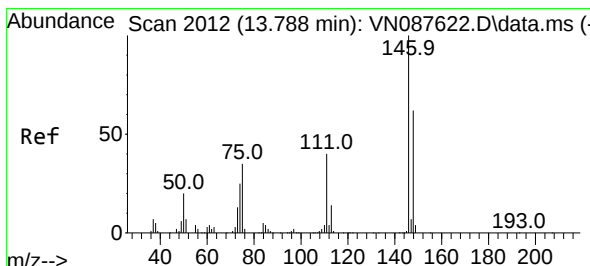
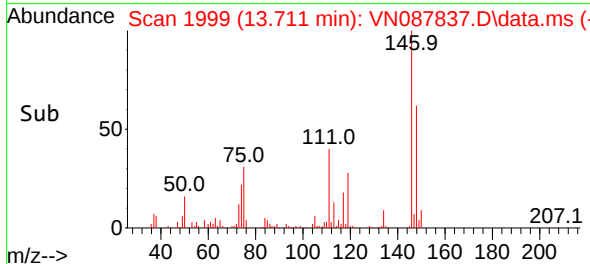
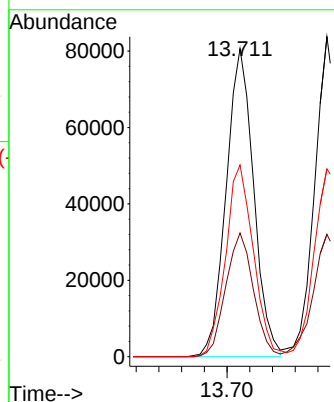
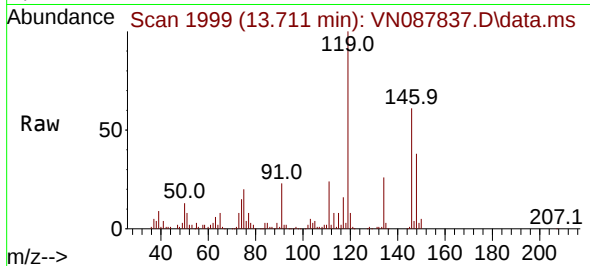




#87
 1,3-Dichlorobenzene
 Concen: 16.951 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

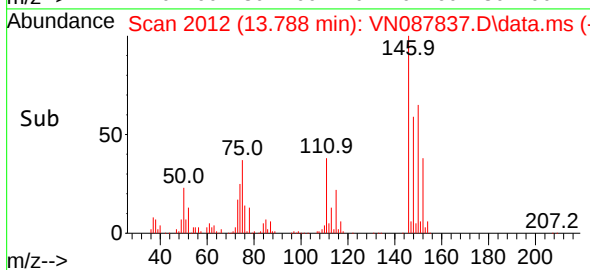
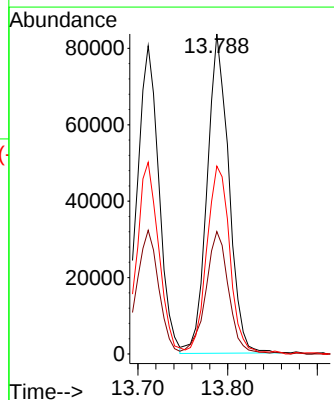
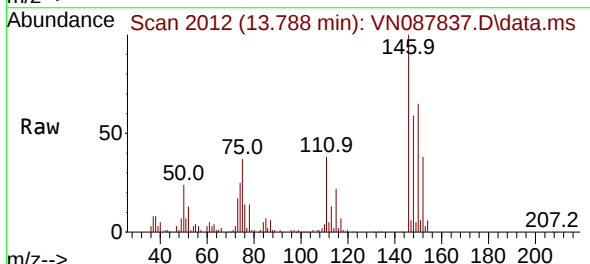
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

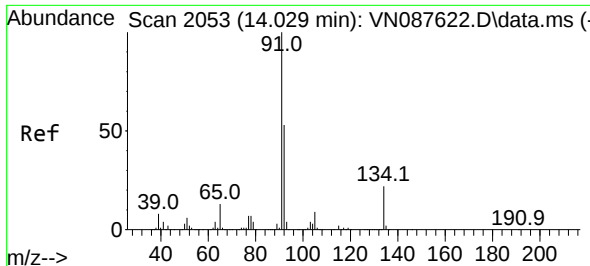
Tgt Ion:146 Resp: 135745
 Ion Ratio Lower Upper
 146 100
 111 40.4 22.1 66.5
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 16.803 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087837.D
 Acq: 15 Sep 2025 15:02

Tgt Ion:146 Resp: 140030
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.0 63.0
 148 61.3 32.0 96.0





#89

n-Butylbenzene

Concen: 15.452 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

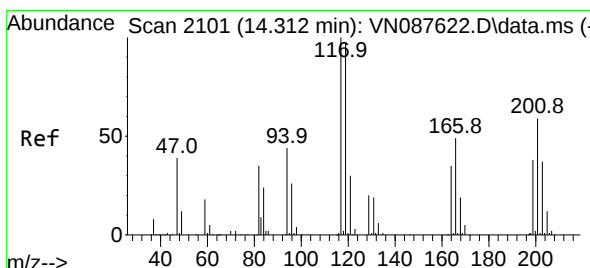
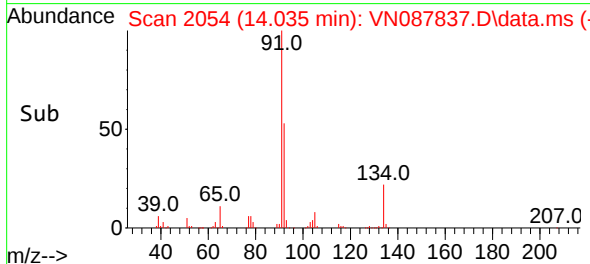
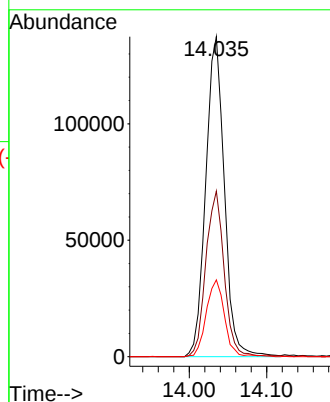
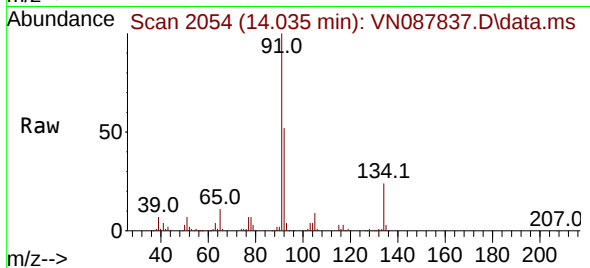
Tgt Ion: 91 Resp: 229284

Ion Ratio Lower Upper

91 100

92 50.7 25.9 77.8

134 23.7 11.7 35.0



#90

Hexachloroethane

Concen: 17.029 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087837.D

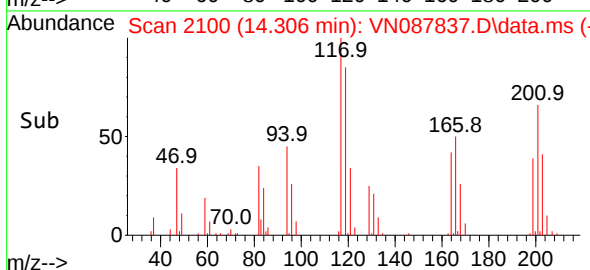
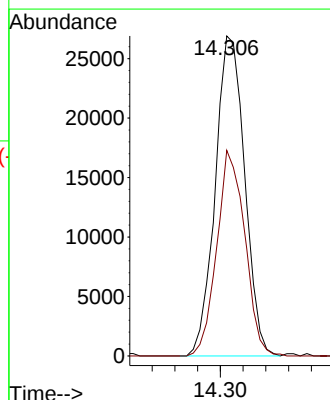
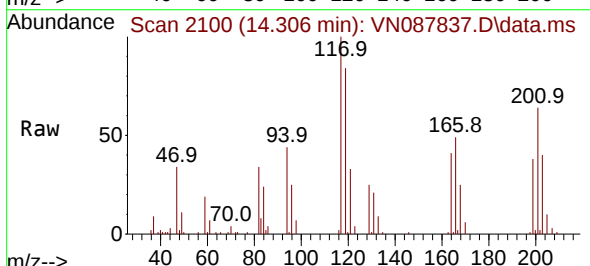
Acq: 15 Sep 2025 15:02

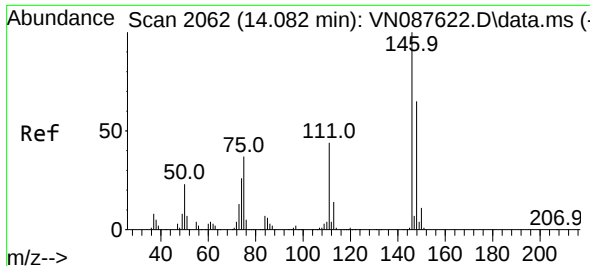
Tgt Ion: 117 Resp: 48471

Ion Ratio Lower Upper

117 100

201 61.1 29.1 87.4

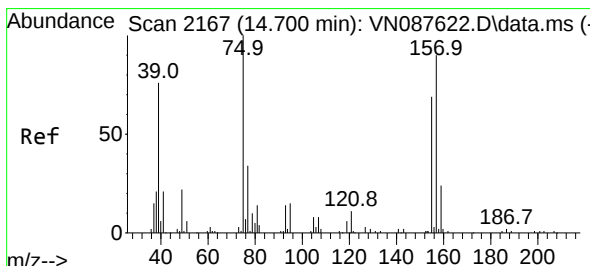
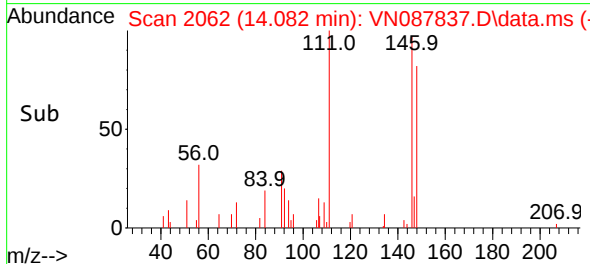
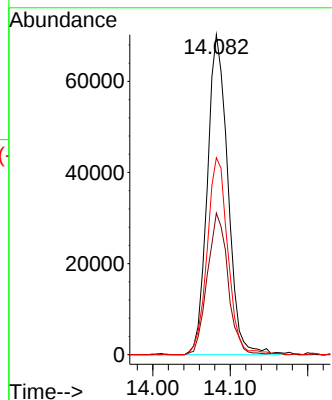
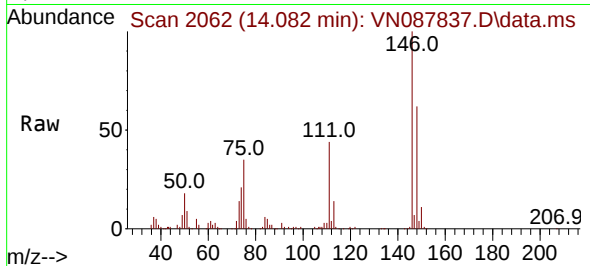




#91
1,2-Dichlorobenzene
Concen: 17.004 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

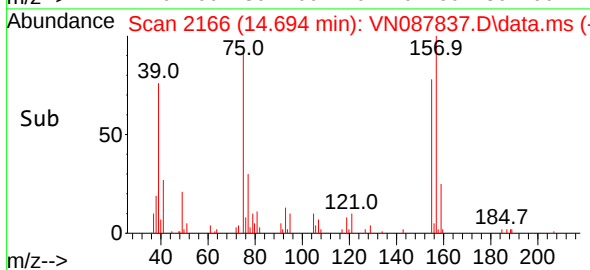
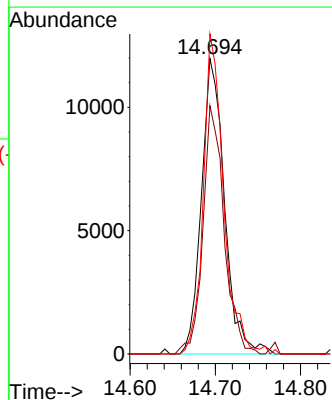
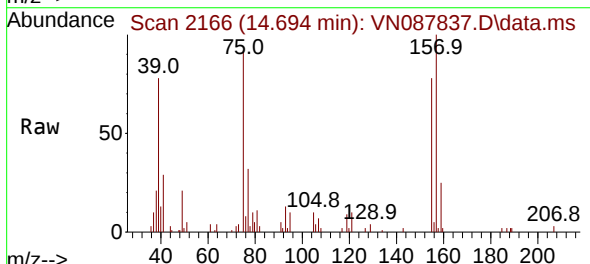
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

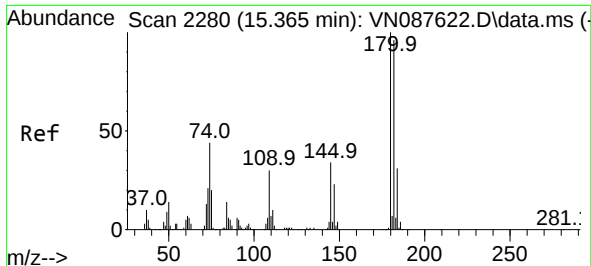
Tgt Ion:146 Resp: 129184
Ion Ratio Lower Upper
146 100
111 44.5 22.6 67.8
148 62.2 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.994 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion: 75 Resp: 22560
Ion Ratio Lower Upper
75 100
155 77.2 36.6 109.9
157 95.5 45.6 136.9

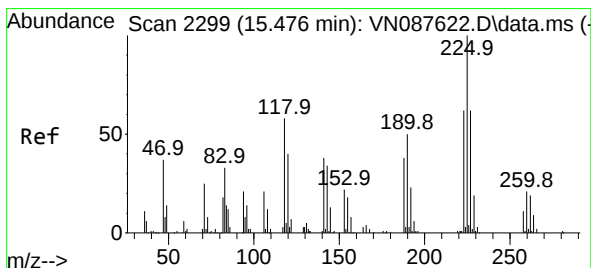
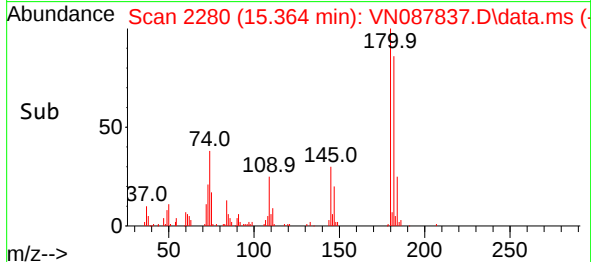
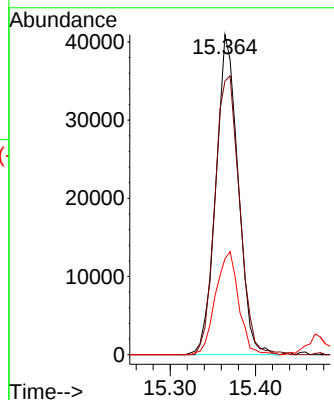
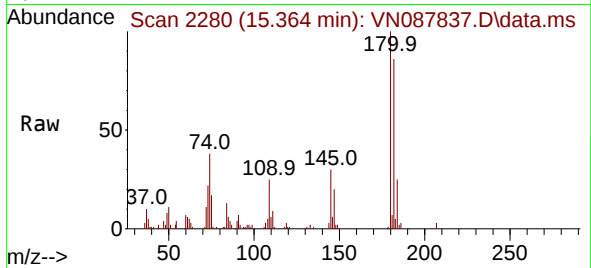




#93
1,2,4-Trichlorobenzene
Concen: 16.240 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

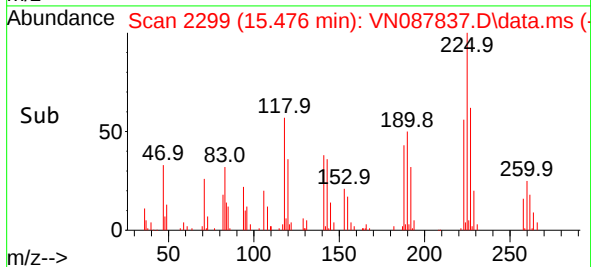
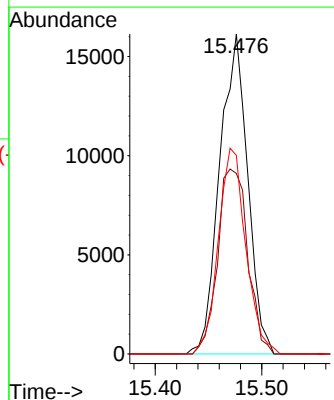
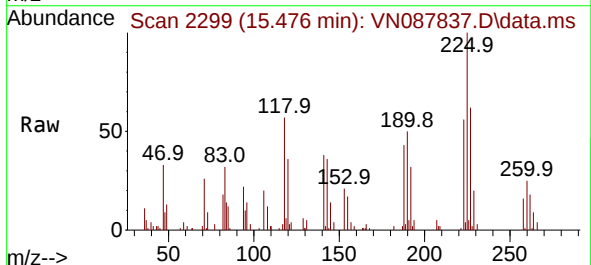
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

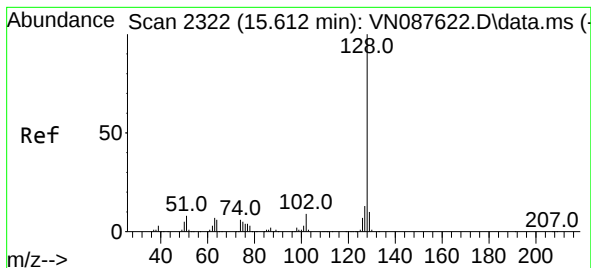
Tgt Ion:180 Resp: 74092
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.9
145 33.6 16.5 49.5



#94
Hexachlorobutadiene
Concen: 18.096 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087837.D
Acq: 15 Sep 2025 15:02

Tgt Ion:225 Resp: 29433
Ion Ratio Lower Upper
225 100
223 62.2 32.0 96.2
227 63.2 32.1 96.5





#95

Naphthalene

Concen: 15.230 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

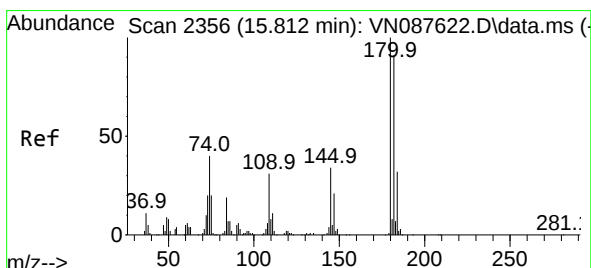
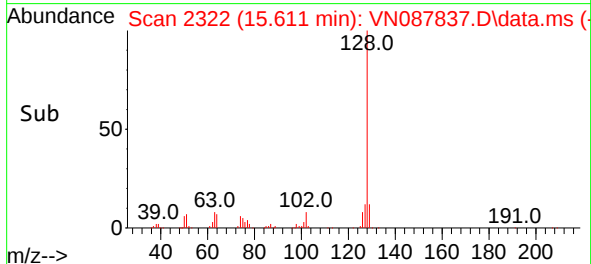
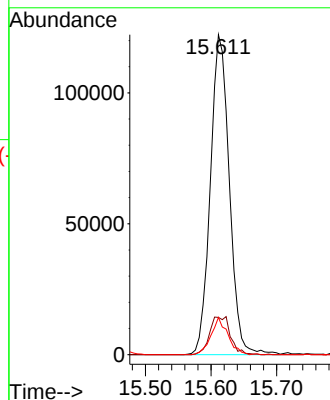
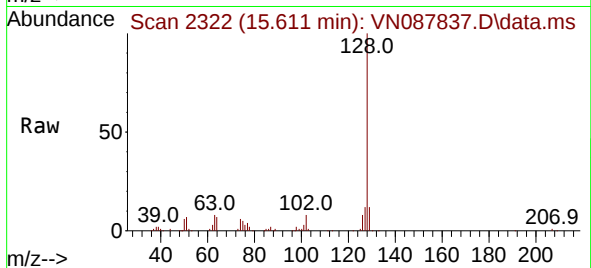
Tgt Ion:128 Resp: 246112

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.247 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087837.D

Acq: 15 Sep 2025 15:02

Tgt Ion:180 Resp: 72462

Ion Ratio Lower Upper

180 100

182 93.9 46.8 140.3

145 34.9 17.3 52.0

