

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087838.D
 Acq On : 15 Sep 2025 15:22
 Operator : JC\MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

Quant Time: Sep 16 01:40:24 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	226595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	429279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	401357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	208257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	197578	42.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.120%
35) Dibromofluoromethane	8.147	113	147816	47.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	10.547	98	518572	44.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.400%
62) 4-Bromofluorobenzene	12.824	95	184904	44.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	62433	19.399	ug/l	98
3) Chloromethane	2.383	50	60086	18.167	ug/l	94
4) Vinyl Chloride	2.536	62	67676	17.648	ug/l	97
5) Bromomethane	2.983	94	32622	16.487	ug/l	97
6) Chloroethane	3.142	64	46244	17.158	ug/l	99
7) Trichlorofluoromethane	3.512	101	110087	19.594	ug/l	96
8) Diethyl Ether	3.959	74	41001	16.757	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	60965	19.177	ug/l	97
10) Methyl Iodide	4.577	142	27314	16.741	ug/l #	93
11) Tert butyl alcohol	5.518	59	60406	74.947	ug/l	95
12) 1,1-Dichloroethene	4.336	96	57746	17.676	ug/l	90
13) Acrolein	4.171	56	74282	74.968	ug/l	98
14) Allyl chloride	5.012	41	86479	14.607	ug/l	96
15) Acrylonitrile	5.706	53	194566	85.596	ug/l	99
16) Acetone	4.424	43	176973	70.024	ug/l	98
17) Carbon Disulfide	4.707	76	174047	19.352	ug/l	97
18) Methyl Acetate	5.018	43	96170	18.174	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	200300	16.344	ug/l	97
20) Methylene Chloride	5.271	84	69740	18.290	ug/l #	91
21) trans-1,2-Dichloroethene	5.771	96	60832	17.181	ug/l	90
22) Diisopropyl ether	6.659	45	212489	16.632	ug/l #	97
23) Vinyl Acetate	6.595	43	970076	83.460	ug/l	98
24) 1,1-Dichloroethane	6.553	63	120620	17.220	ug/l	99
25) 2-Butanone	7.471	43	267475	80.443	ug/l	97
26) 2,2-Dichloropropane	7.477	77	89743	14.927	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	72061	17.024	ug/l	98
28) Bromochloromethane	7.800	49	66475	19.630	ug/l	91
29) Tetrahydrofuran	7.824	42	171889	80.328	ug/l	97
30) Chloroform	7.953	83	126584	17.705	ug/l	99
31) Cyclohexane	8.242	56	101603	17.399	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	111232	18.358	ug/l	96
36) 1,1-Dichloropropene	8.353	75	82162	17.280	ug/l	96
37) Ethyl Acetate	7.548	43	106181	16.342	ug/l	96
38) Carbon Tetrachloride	8.342	117	92039	19.605	ug/l	94
39) Methylcyclohexane	9.583	83	95599	18.262	ug/l	97
40) Benzene	8.589	78	267907	18.370	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	53397	15.865	ug/l	92
42) 1,2-Dichloroethane	8.647	62	99526	17.759	ug/l	99
43) Isopropyl Acetate	8.671	43	176937	17.442	ug/l	100
44) Trichloroethene	9.330	130	62115	18.655	ug/l	95
45) 1,2-Dichloropropane	9.600	63	68546	17.831	ug/l	95
46) Dibromomethane	9.689	93	52781	19.294	ug/l	99
47) Bromodichloromethane	9.871	83	102121	18.215	ug/l	100
48) Methyl methacrylate	9.665	41	80364	16.749	ug/l	97
49) 1,4-Dioxane	9.683	88	21460	345.062	ug/l #	88
51) 4-Methyl-2-Pentanone	10.424	43	542501	88.638	ug/l	99
52) Toluene	10.606	92	161562	17.870	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	100397	17.300	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	105005	17.426	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	64657	18.487	ug/l	94
56) Ethyl methacrylate	10.859	69	98069	17.545	ug/l	99
57) 1,3-Dichloropropane	11.141	76	115966	18.735	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	266659	88.143	ug/l	97
59) 2-Hexanone	11.177	43	353223	91.318	ug/l	98
60) Dibromochloromethane	11.335	129	74593	18.406	ug/l	98
61) 1,2-Dibromoethane	11.447	107	68805	18.657	ug/l	100
64) Tetrachloroethene	11.083	164	50122	18.000	ug/l	94
65) Chlorobenzene	11.871	112	180790	18.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	63691	19.213	ug/l	99
67) Ethyl Benzene	11.941	91	307943	17.812	ug/l	98
68) m/p-Xylenes	12.047	106	231741	36.550	ug/l	97
69) o-Xylene	12.377	106	110535	17.789	ug/l	97
70) Styrene	12.388	104	186047	17.872	ug/l	98
71) Bromoform	12.559	173	49342	19.408	ug/l #	96
73) Isopropylbenzene	12.677	105	289480	17.202	ug/l	99
74) N-amyl acetate	12.535	43	18035	2.828	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.918	83	105242	18.165	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	129393	26.495	ug/l	65
77) Bromobenzene	12.959	156	73762	18.590	ug/l	94
78) n-propylbenzene	13.012	91	364119	17.566	ug/l	99
79) 2-Chlorotoluene	13.100	91	211920	16.989	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	242748	17.004	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.718	75	28398	15.394	ug/l #	83
82) 4-Chlorotoluene	13.200	91	220179	16.788	ug/l	97
83) tert-Butylbenzene	13.412	119	214785	18.055	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	250871	17.554	ug/l	100
85) sec-Butylbenzene	13.594	105	320280	18.142	ug/l	99
86) p-Isopropyltoluene	13.706	119	257203	17.643	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	141184	18.068	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	142195	17.487	ug/l	99
89) n-Butylbenzene	14.029	91	252526	17.442	ug/l	98
90) Hexachloroethane	14.306	117	51894	18.685	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	135645	18.298	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23131	16.806	ug/l	93
93) 1,2,4-Trichlorobenzene	15.371	180	80132	18.001	ug/l	97
94) Hexachlorobutadiene	15.471	225	33000	20.794	ug/l	98
95) Naphthalene	15.618	128	252408	16.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	76886	17.668	ug/l	99

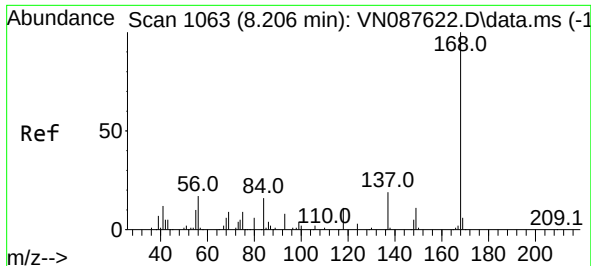
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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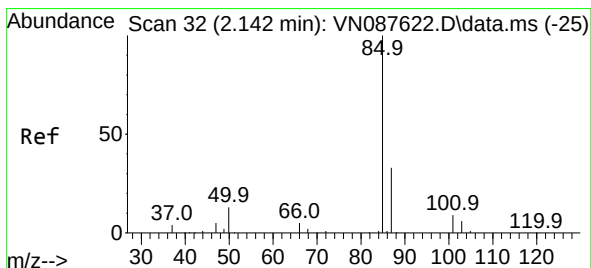
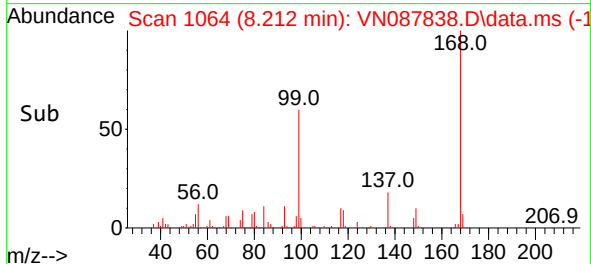
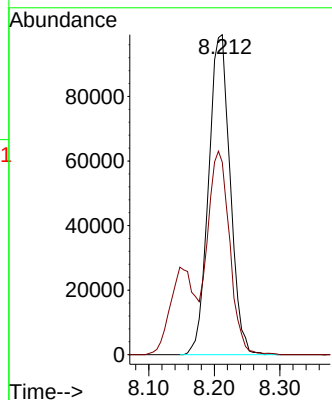
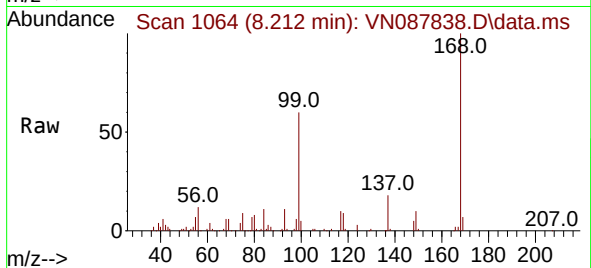
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

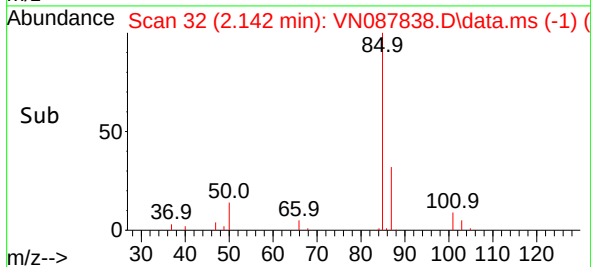
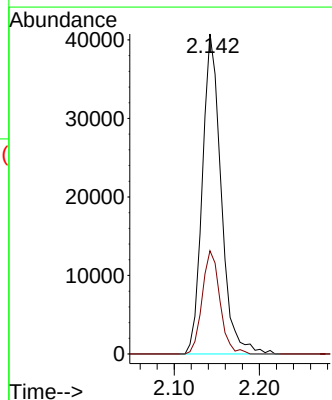
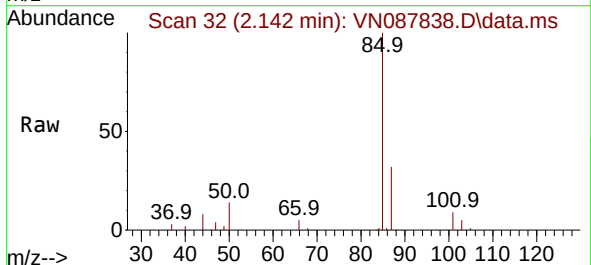
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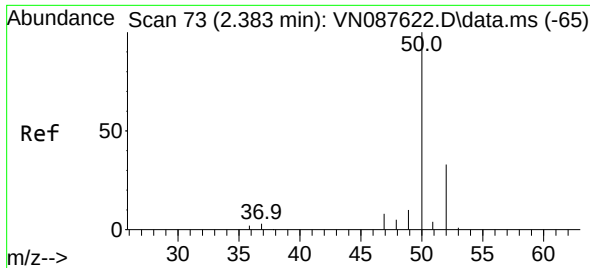
Tgt Ion:168 Resp: 226595
Ion Ratio Lower Upper
168 100
99 60.1 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 19.399 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 85 Resp: 62433
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

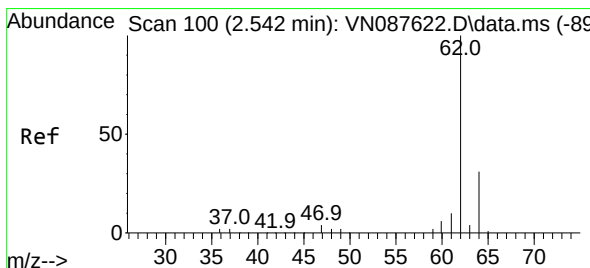
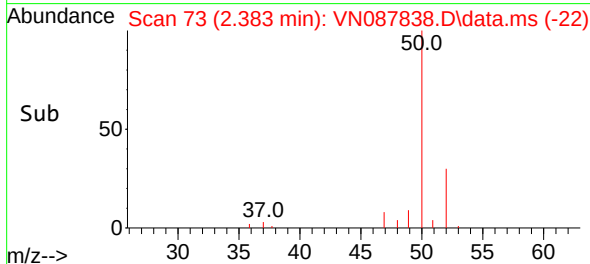
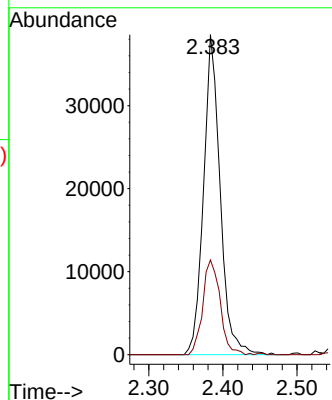
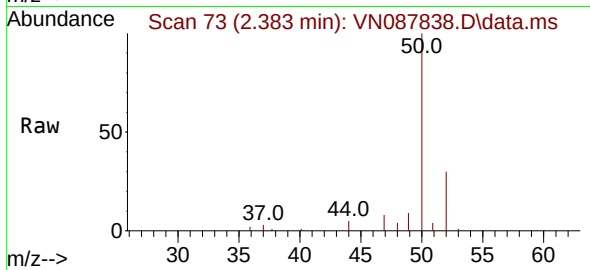




#3
Chloromethane
Concen: 18.167 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

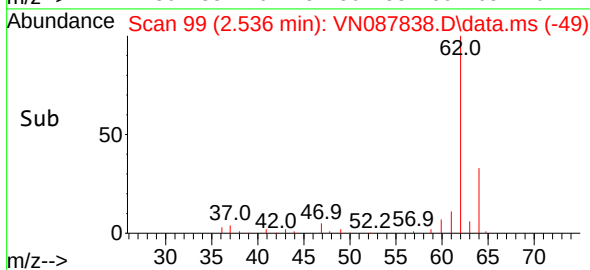
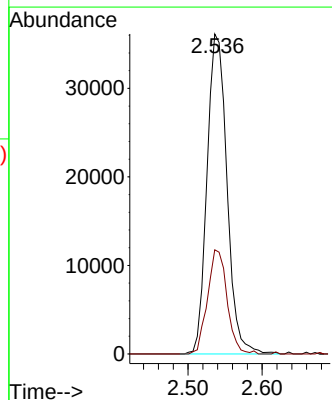
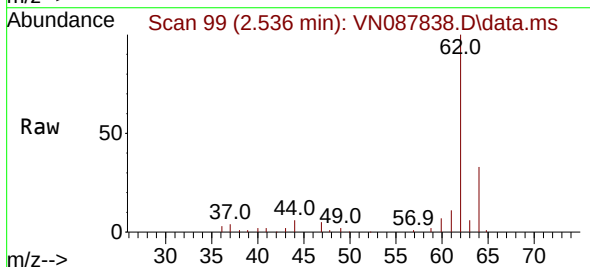
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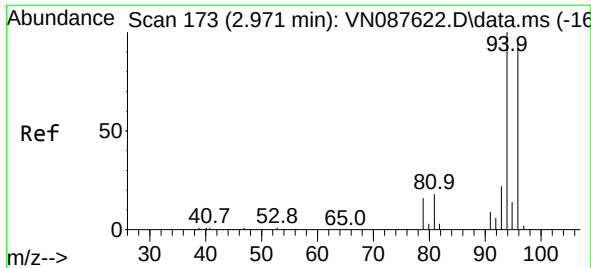
Tgt Ion: 50 Resp: 60086
Ion Ratio Lower Upper
50 100
52 29.6 26.2 39.4



#4
Vinyl Chloride
Concen: 17.648 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 62 Resp: 67676
Ion Ratio Lower Upper
62 100
64 32.5 24.6 37.0

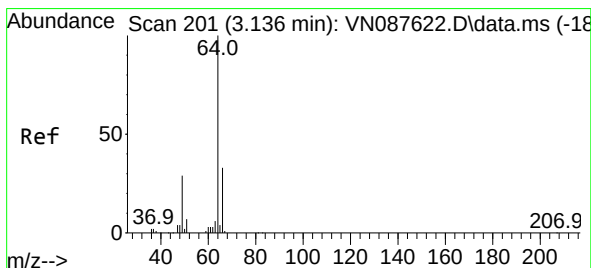
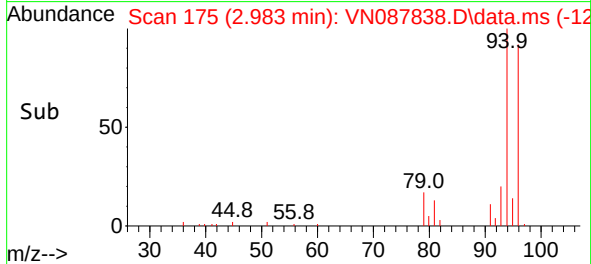
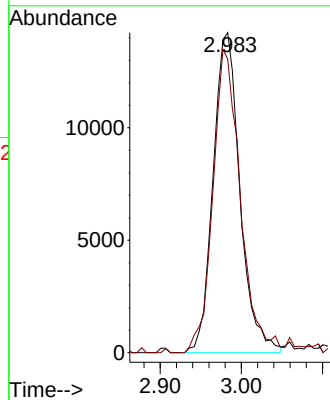
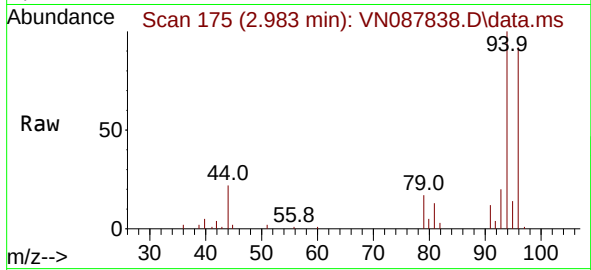




#5
Bromomethane
Concen: 16.487 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

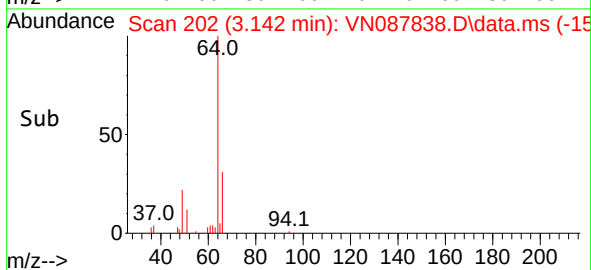
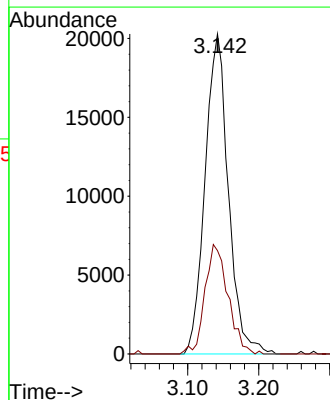
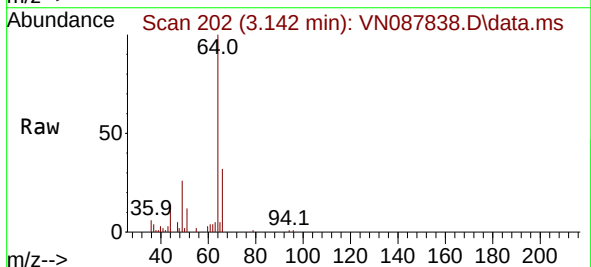
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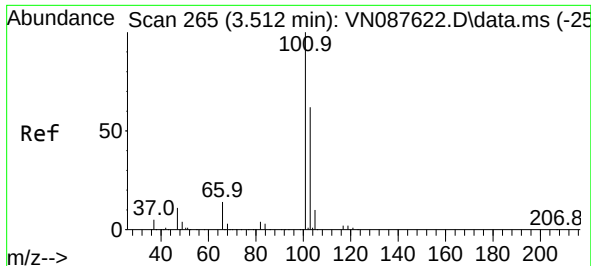
Tgt Ion: 94 Resp: 32622
Ion Ratio Lower Upper
94 100
96 91.8 75.4 113.2



#6
Chloroethane
Concen: 17.158 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 64 Resp: 46244
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.2

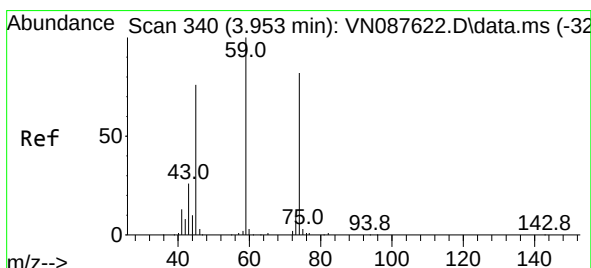
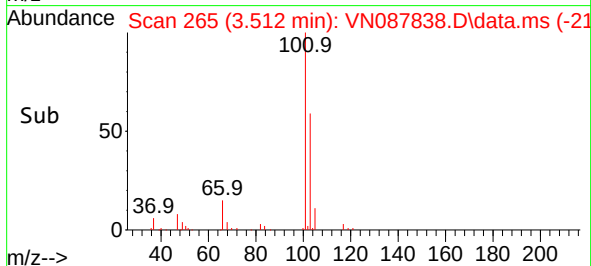
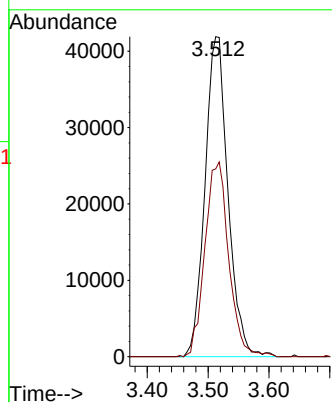
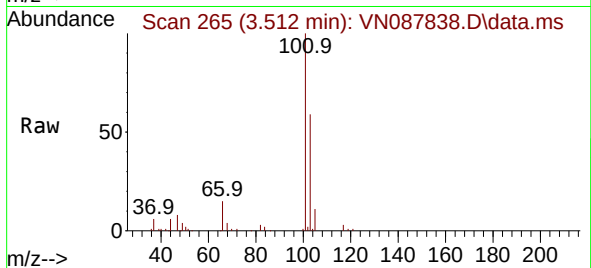




#7
 Trichlorofluoromethane
 Concen: 19.594 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

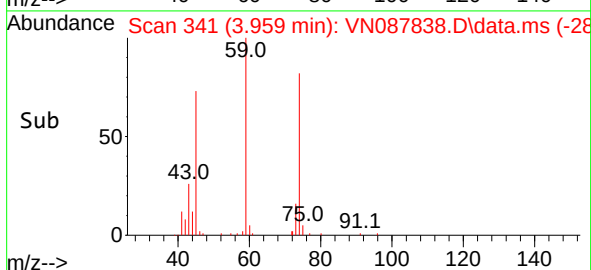
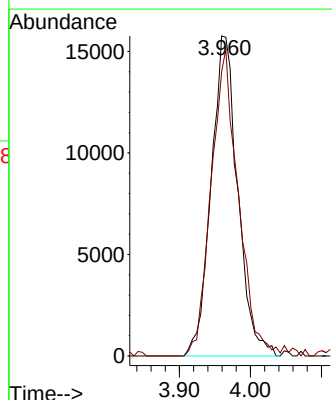
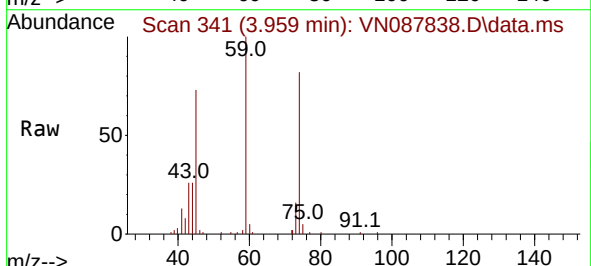
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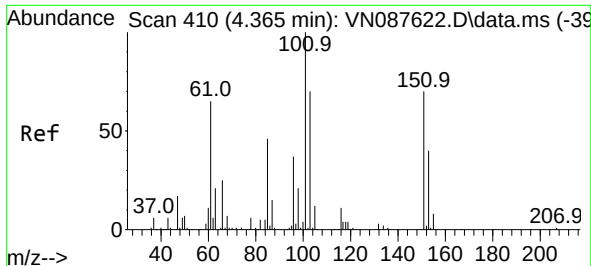
Tgt Ion:101 Resp: 110087
 Ion Ratio Lower Upper
 101 100
 103 58.7 49.4 74.0



#8
 Diethyl Ether
 Concen: 16.757 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion: 74 Resp: 41001
 Ion Ratio Lower Upper
 74 100
 45 97.8 50.6 151.9

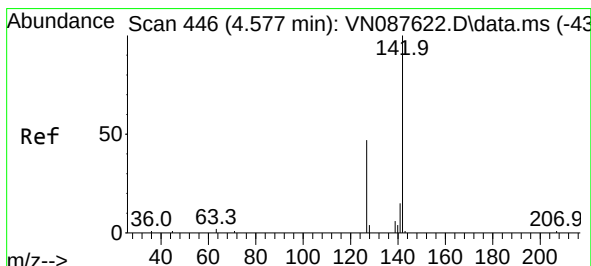
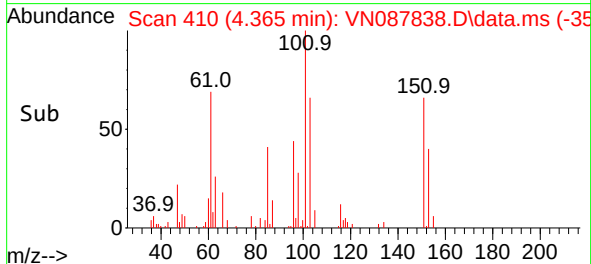
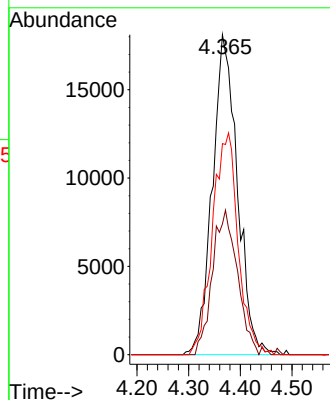
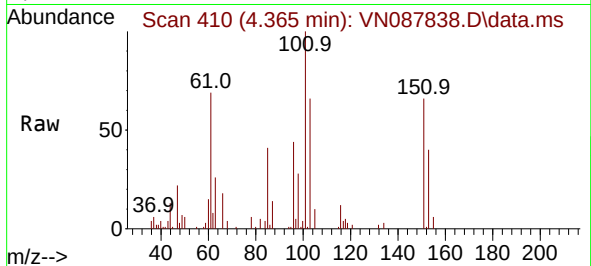




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.177 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087838.D
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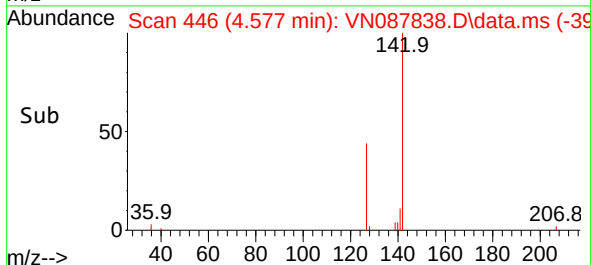
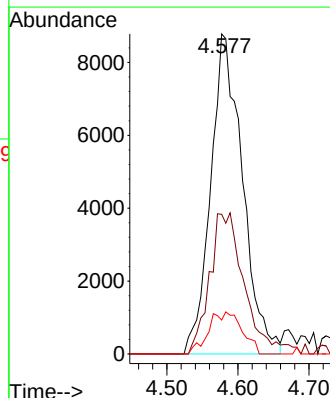
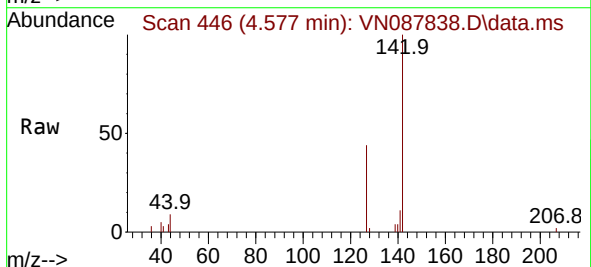
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ClientSampleId :
VN0915MBS01

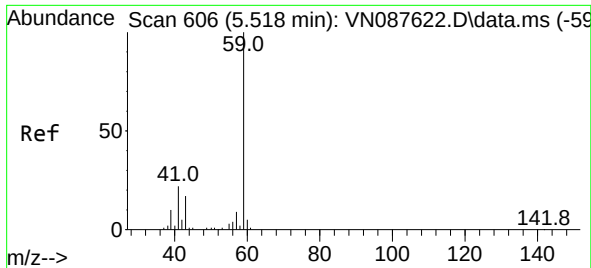
Tgt Ion:101 Resp: 60965
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 71.2 54.7 82.1



#10
Methyl Iodide
Concen: 16.741 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:142 Resp: 27314
Ion Ratio Lower Upper
142 100
127 43.7 38.0 57.0
141 10.6 12.0 18.0#

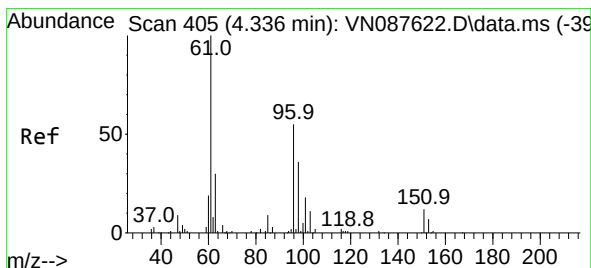
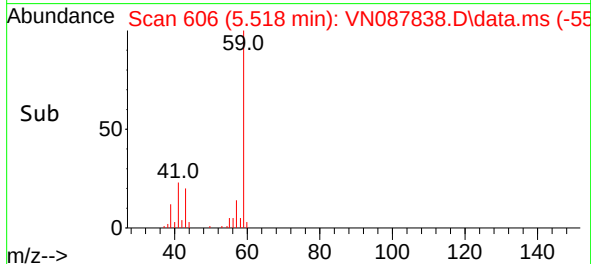
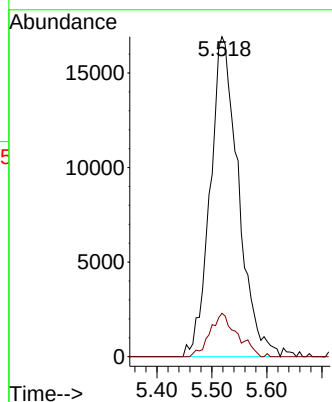
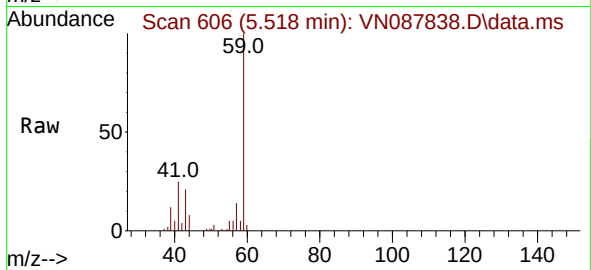




#11
Tert butyl alcohol
Concen: 74.947 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

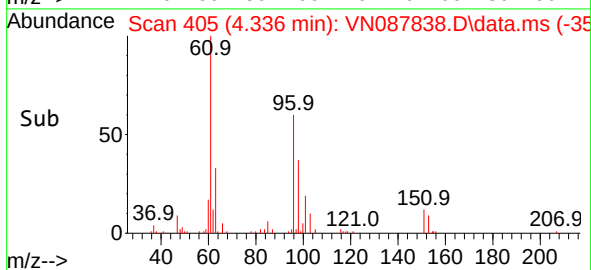
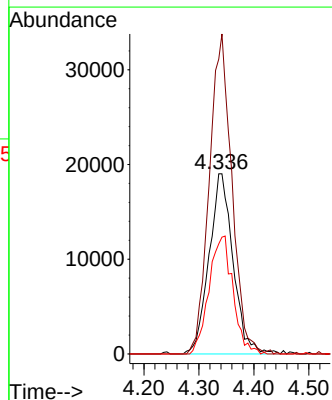
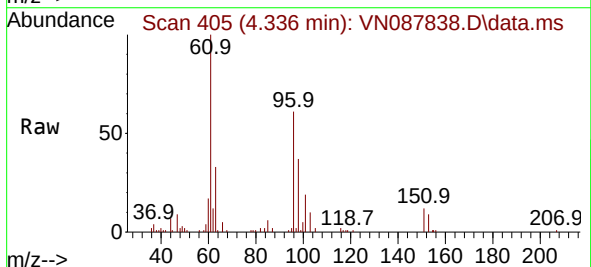
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

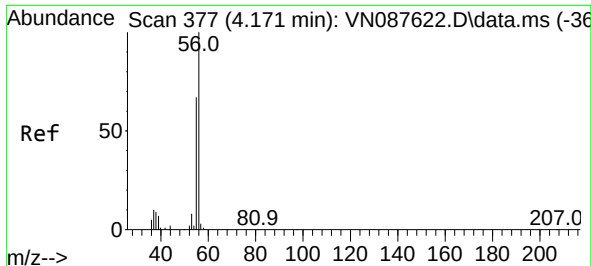
Tgt Ion: 59 Resp: 60406
Ion Ratio Lower Upper
59 100
57 13.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.676 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 96 Resp: 57746
Ion Ratio Lower Upper
96 100
61 163.7 143.8 215.8
98 61.1 52.1 78.1

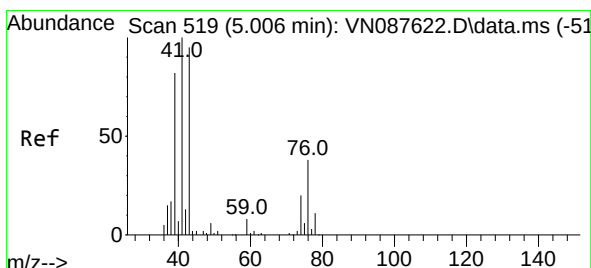
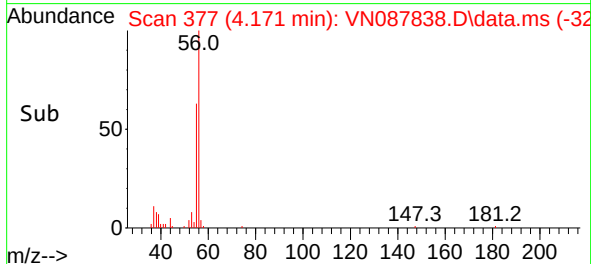
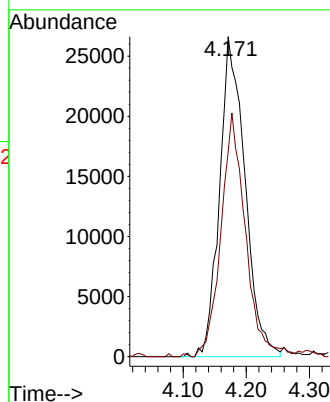
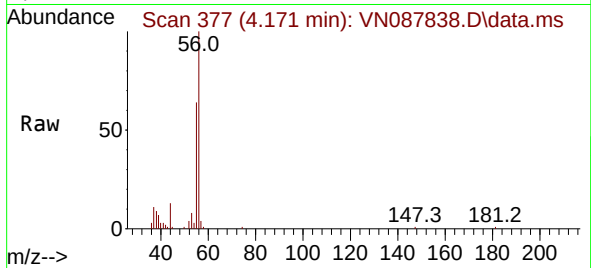




#13
Acrolein
Concen: 74.968 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

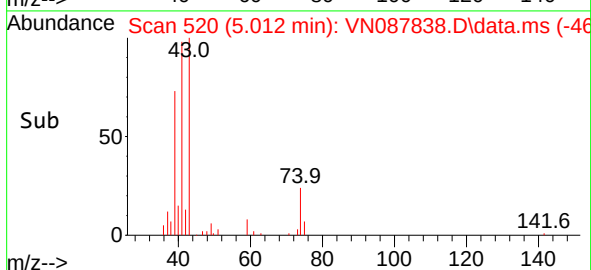
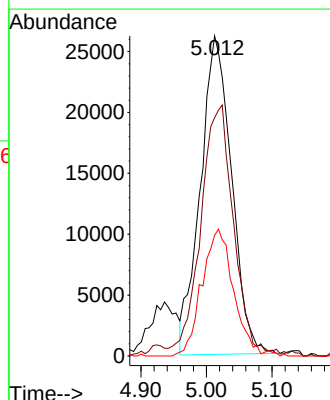
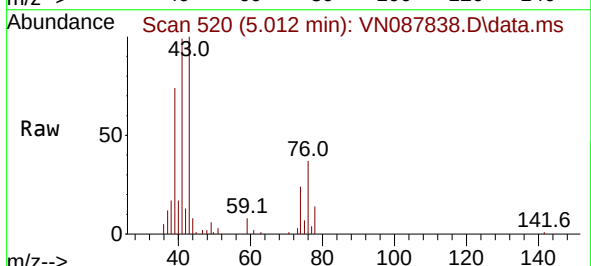
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

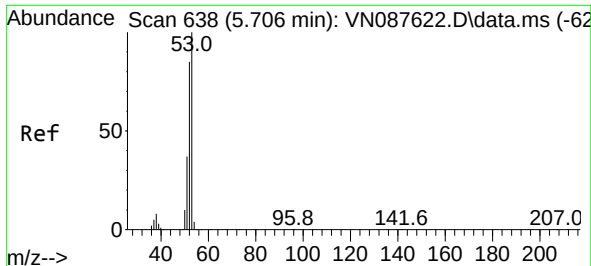
Tgt Ion: 56 Resp: 74282
Ion Ratio Lower Upper
56 100
55 73.2 57.3 85.9



#14
Allyl chloride
Concen: 14.607 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 41 Resp: 86479
Ion Ratio Lower Upper
41 100
39 81.7 63.9 95.9
76 40.2 28.1 42.1

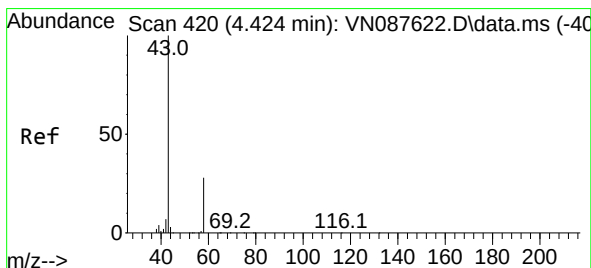
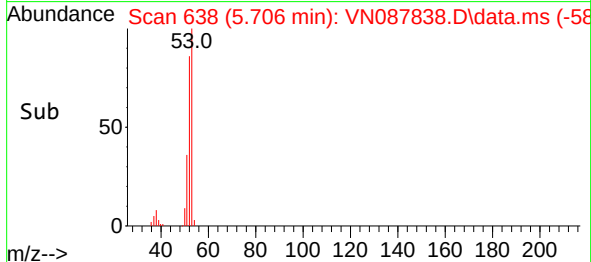
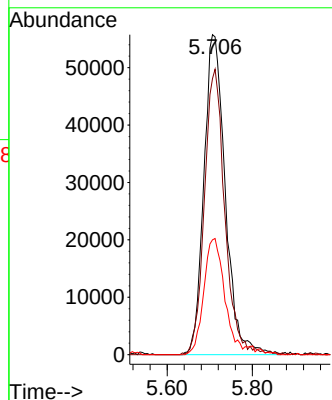
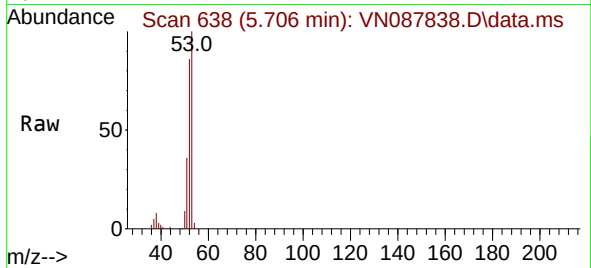




#15
Acrylonitrile
Concen: 85.596 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

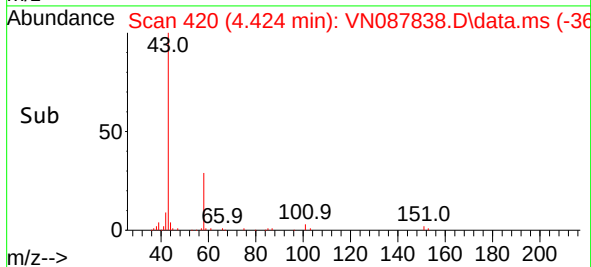
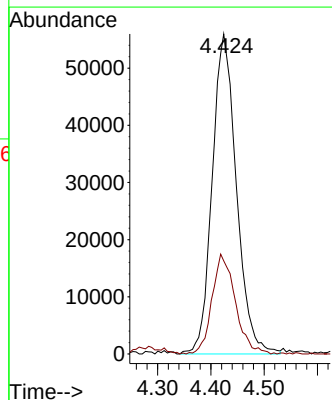
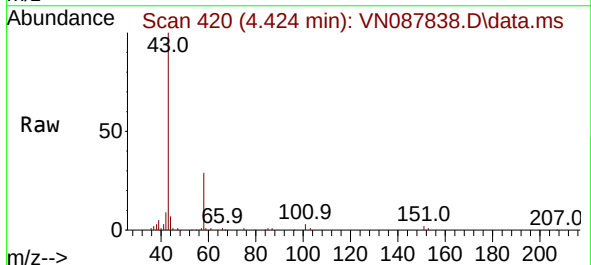
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

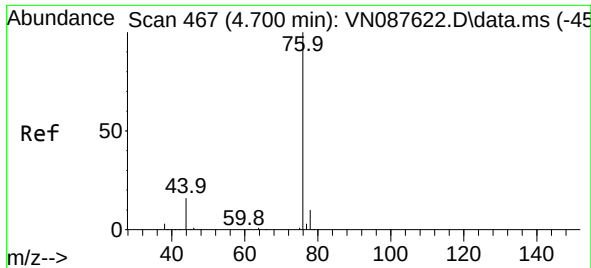
Tgt Ion: 53 Resp: 194566
Ion Ratio Lower Upper
53 100
52 84.7 67.6 101.4
51 35.6 30.1 45.1



#16
Acetone
Concen: 70.024 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 43 Resp: 176973
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8

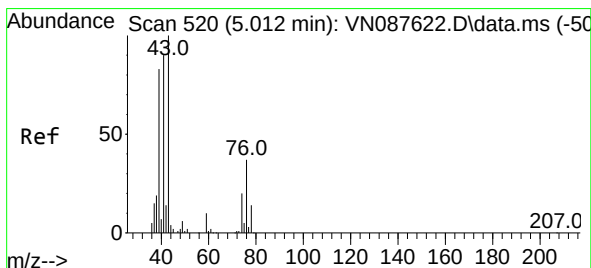
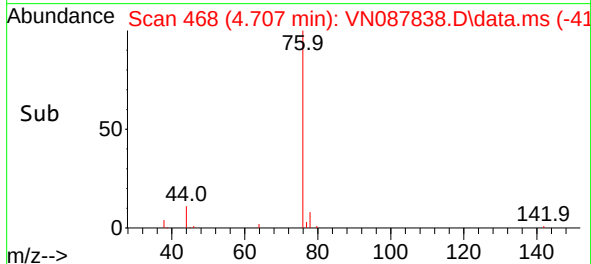
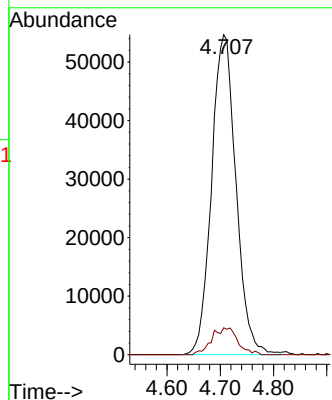
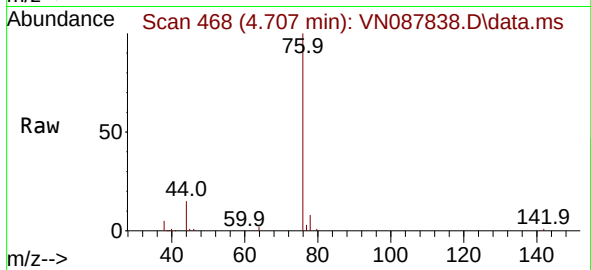




#17
Carbon Disulfide
Concen: 19.352 ug/l
RT: 4.707 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

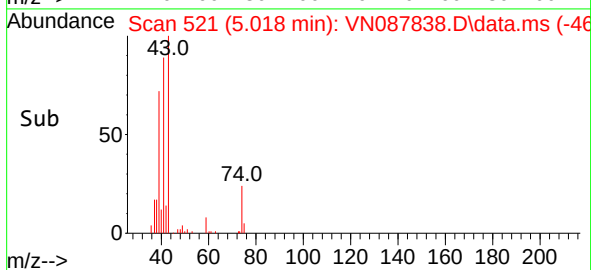
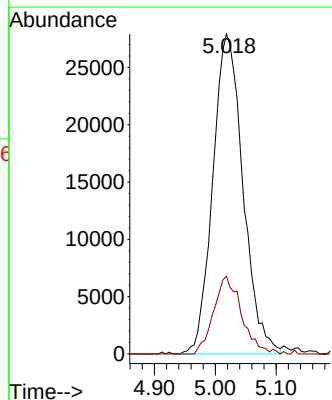
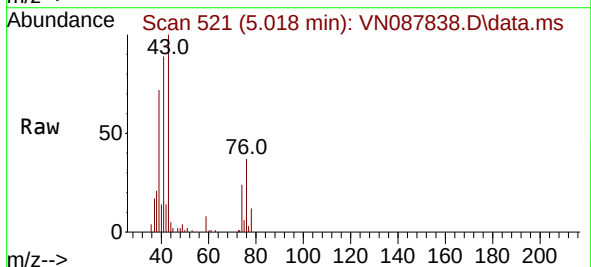
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

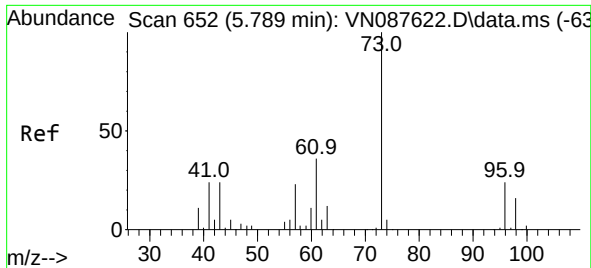
Tgt Ion: 76 Resp: 174047
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 18.174 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 43 Resp: 96170
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4

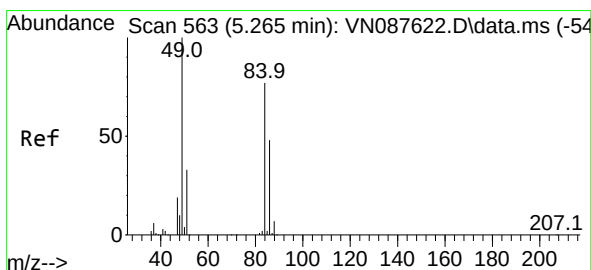
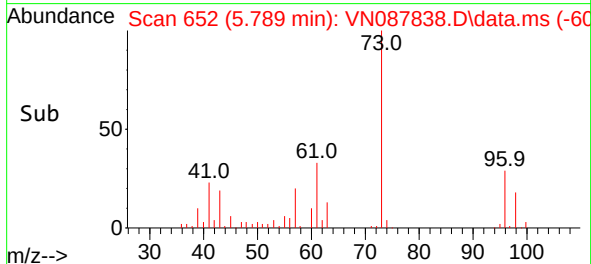
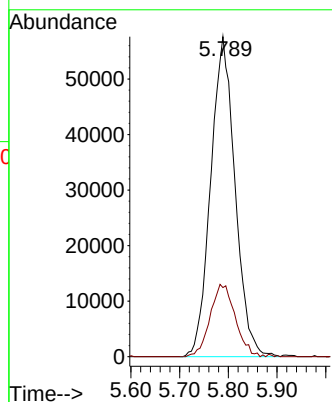
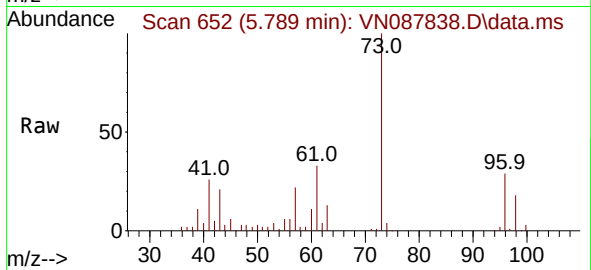




#19
Methyl tert-butyl Ether
Concen: 16.344 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

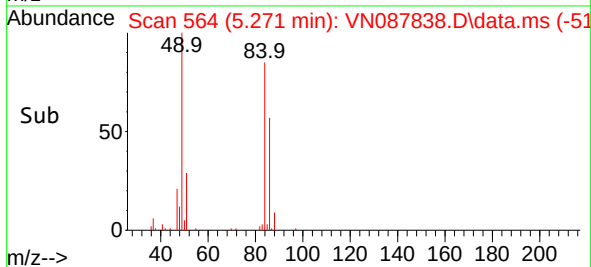
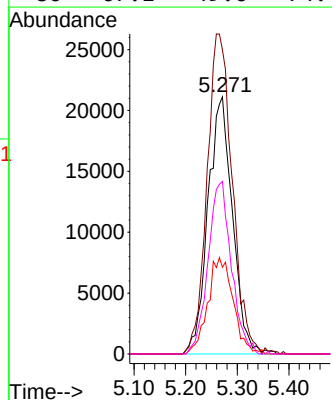
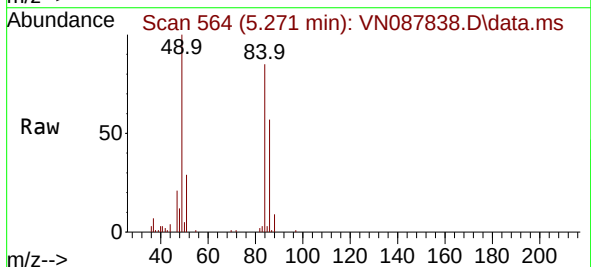
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

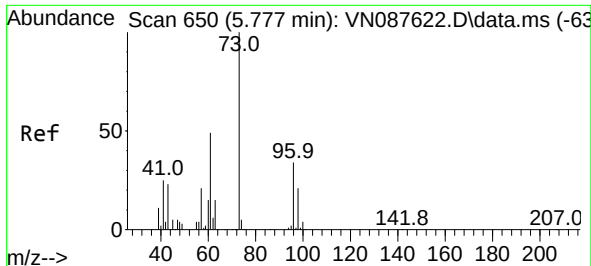
Tgt Ion: 73 Resp: 200300
Ion Ratio Lower Upper
73 100
57 21.6 18.4 27.6



#20
Methylene Chloride
Concen: 18.290 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 84 Resp: 69740
Ion Ratio Lower Upper
84 100
49 118.3 103.4 155.2
51 33.7 33.8 50.8#
86 67.1 49.6 74.4

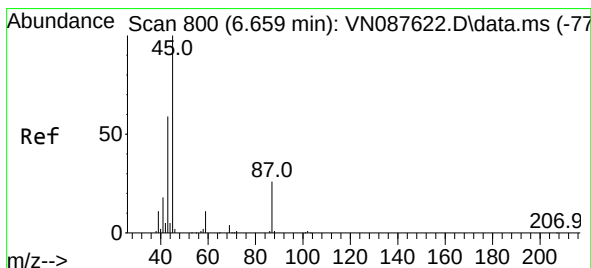
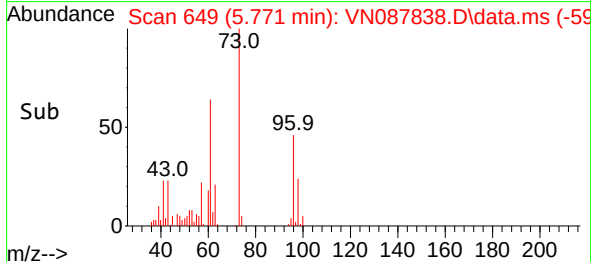
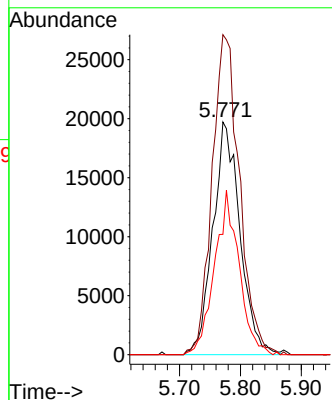
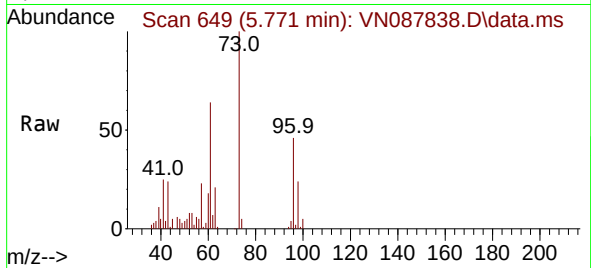




#21
trans-1,2-Dichloroethene
Concen: 17.181 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

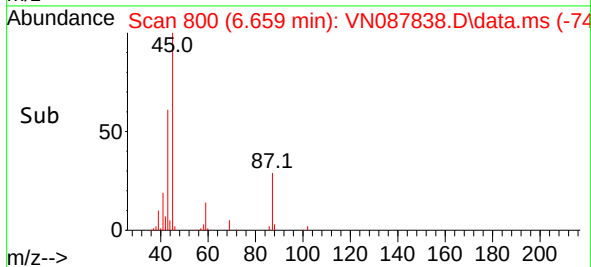
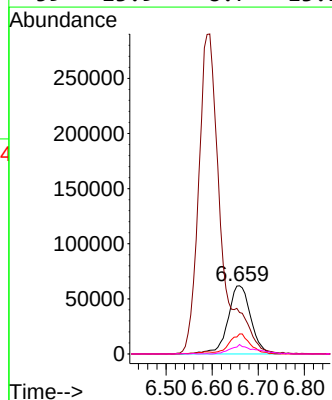
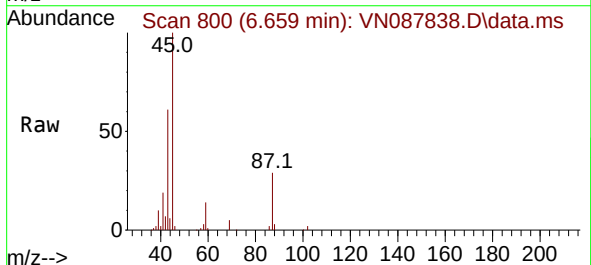
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

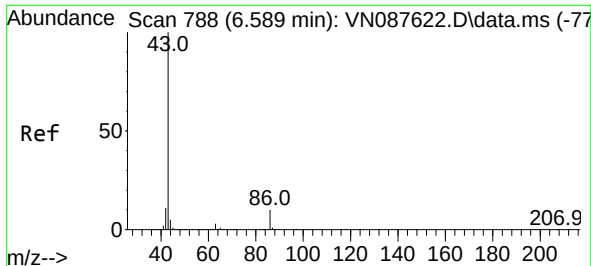
Tgt Ion: 96 Resp: 60832
Ion Ratio Lower Upper
96 100
61 137.6 118.0 177.0
98 51.7 50.0 75.0



#22
Diisopropyl ether
Concen: 16.632 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 45 Resp: 212489
Ion Ratio Lower Upper
45 100
43 59.2 47.7 71.5
87 29.4 21.4 32.0
59 13.9 8.7 13.1#

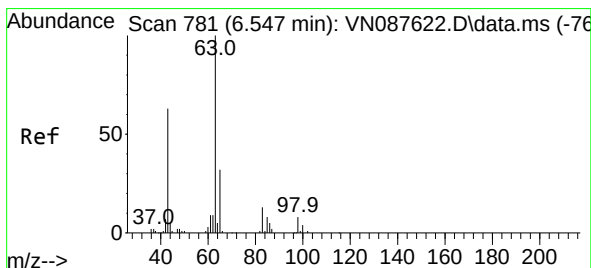
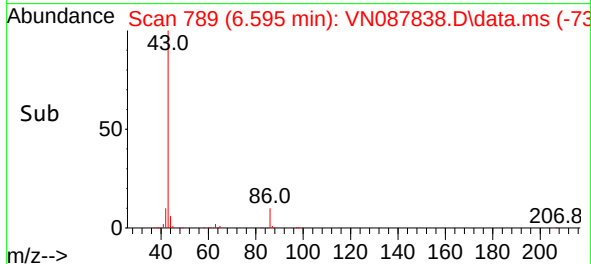
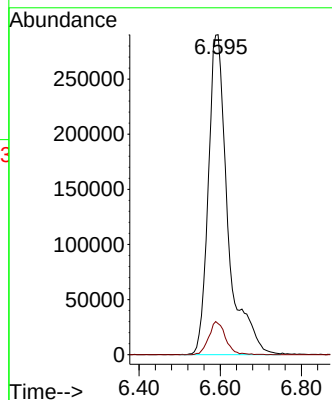
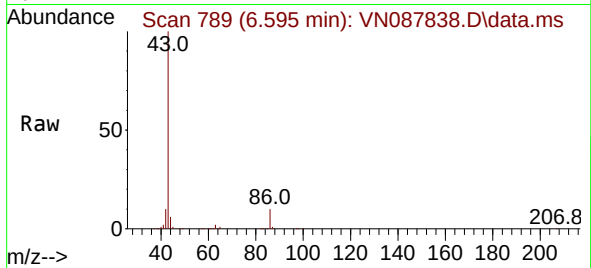




#23
 Vinyl Acetate
 Concen: 83.460 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

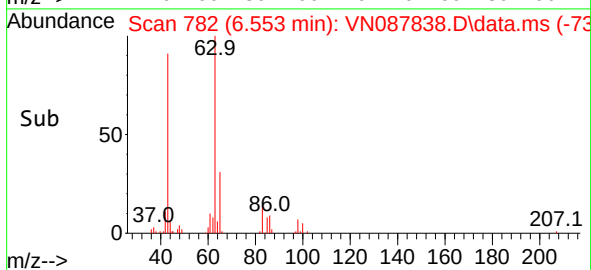
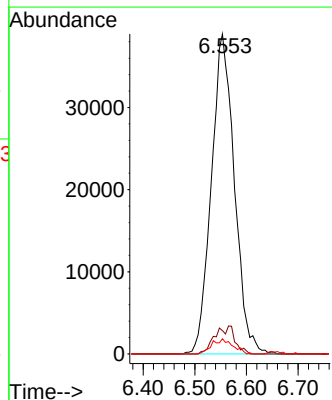
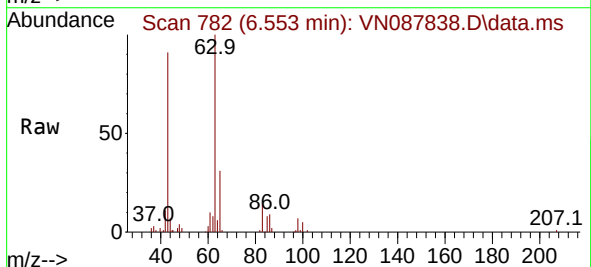
Instrument :
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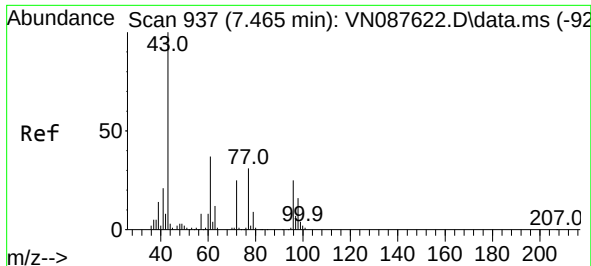
Tgt Ion: 43 Resp: 970076
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.220 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion: 63 Resp: 120620
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.7 2.0 6.0

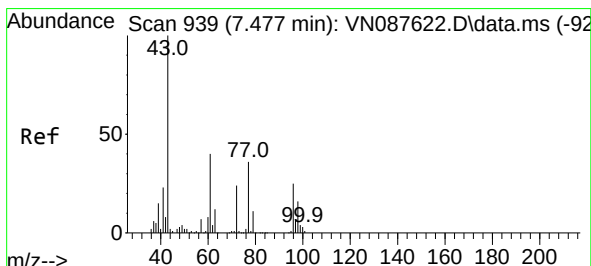
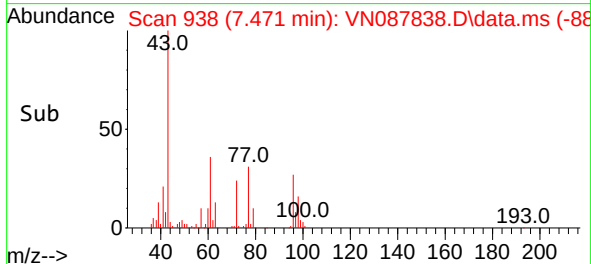
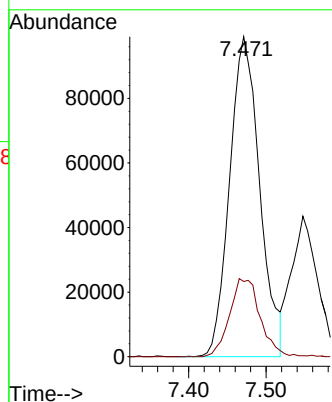
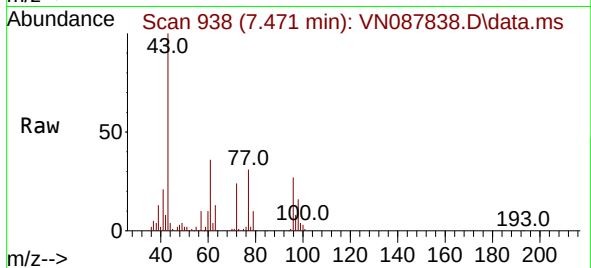




#25
2-Butanone
Concen: 80.443 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

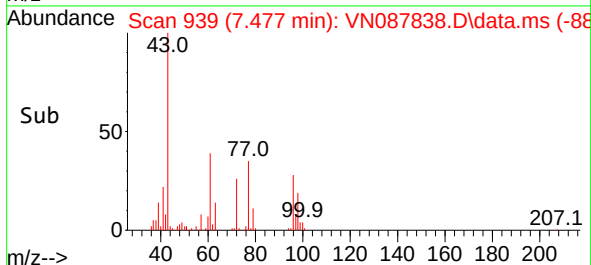
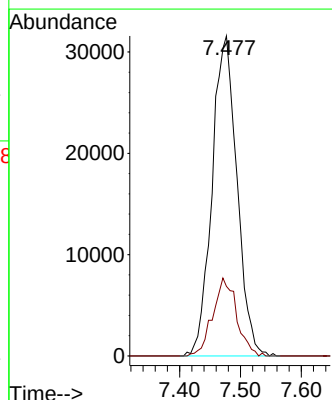
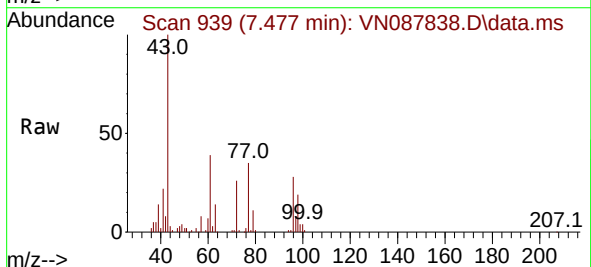
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

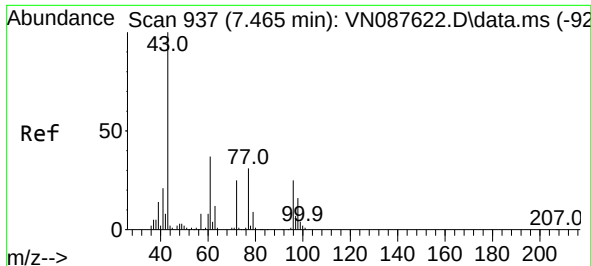
Tgt Ion: 43 Resp: 267475
Ion Ratio Lower Upper
43 100
72 23.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 14.927 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 77 Resp: 89743
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.7

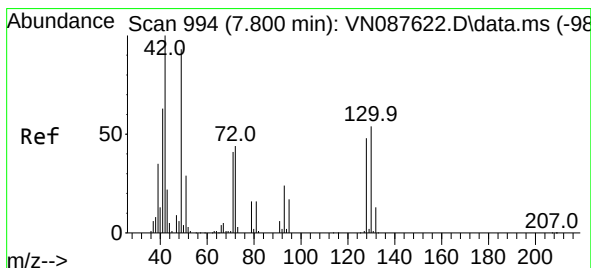
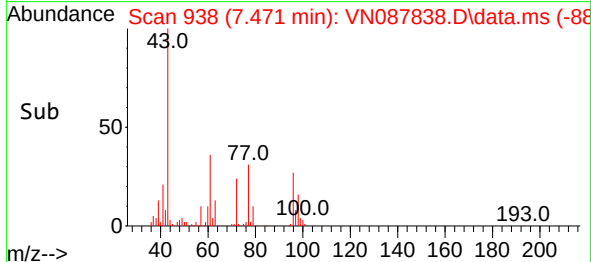
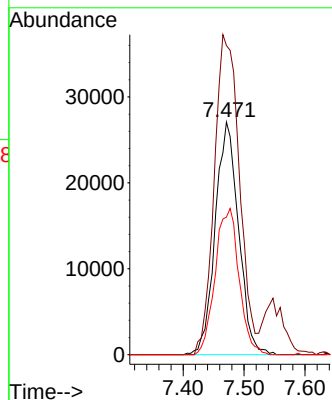
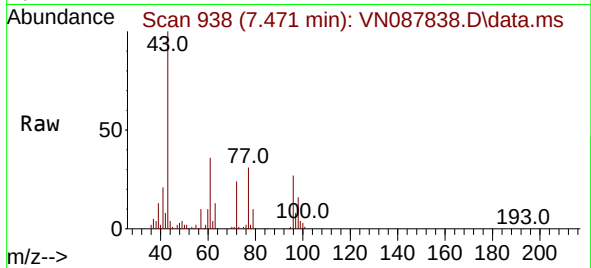




#27
 cis-1,2-Dichloroethene
 Concen: 17.024 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

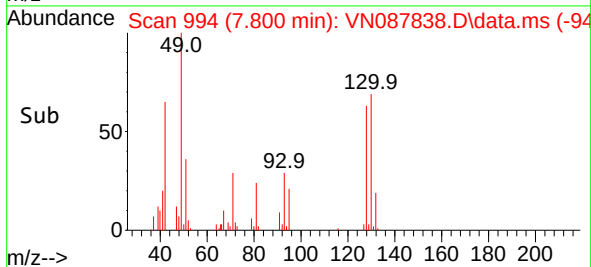
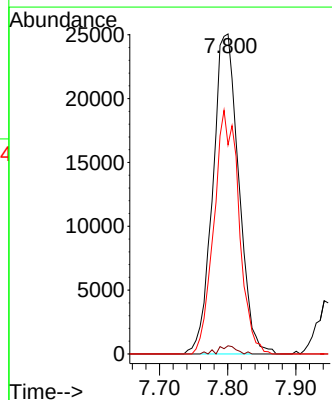
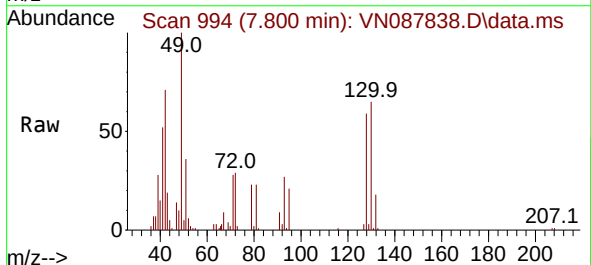
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBSD01

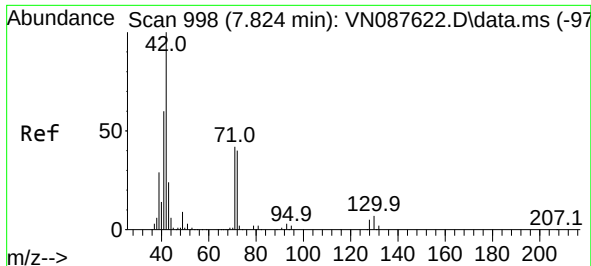
Tgt Ion: 96 Resp: 72061
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 301.8
 98 64.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.630 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion: 49 Resp: 66475
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 73.4 53.1 79.7





#29

Tetrahydrofuran

Concen: 80.328 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBSD01

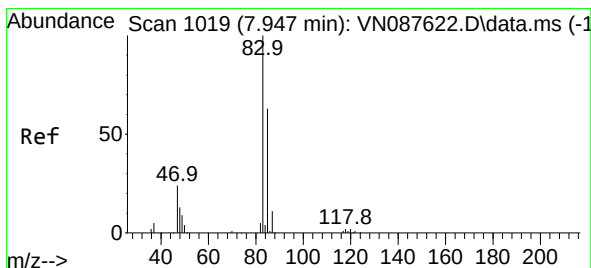
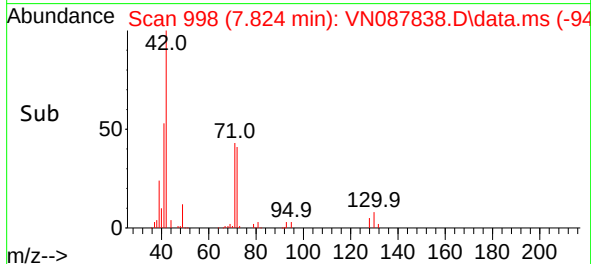
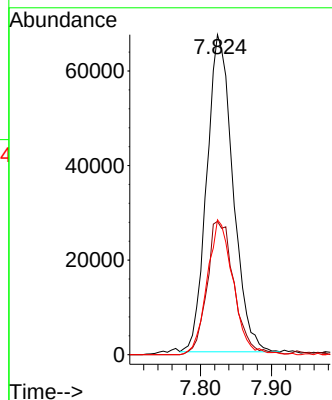
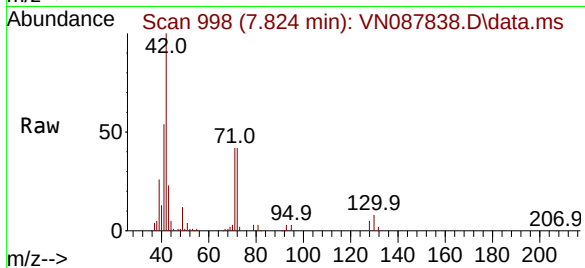
Tgt Ion: 42 Resp: 171889

Ion Ratio Lower Upper

42 100

72 43.6 33.7 50.5

71 42.3 31.9 47.9



#30

Chloroform

Concen: 17.705 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087838.D

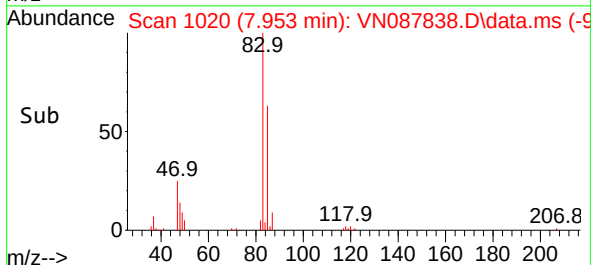
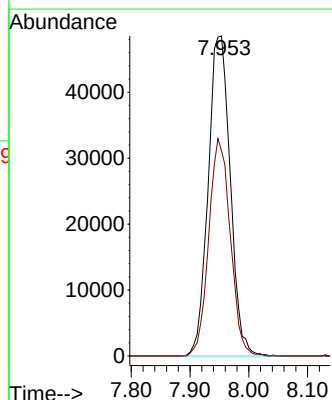
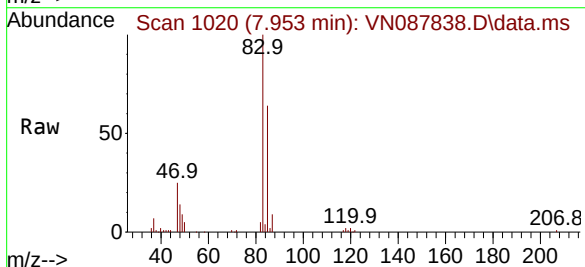
Acq: 15 Sep 2025 15:22

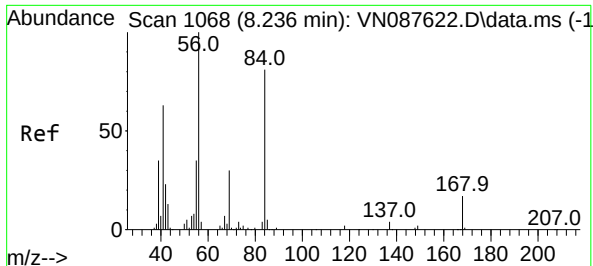
Tgt Ion: 83 Resp: 126584

Ion Ratio Lower Upper

83 100

85 64.2 50.7 76.1

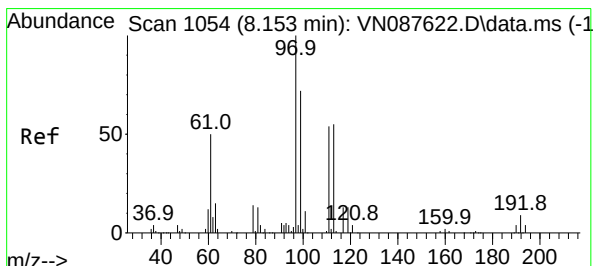
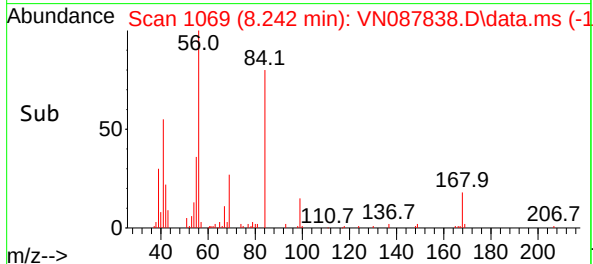
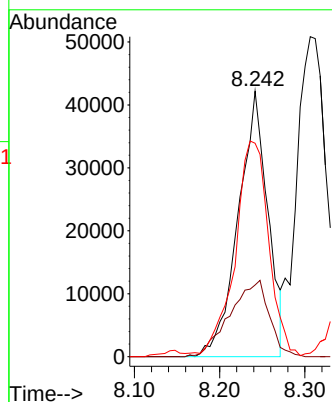
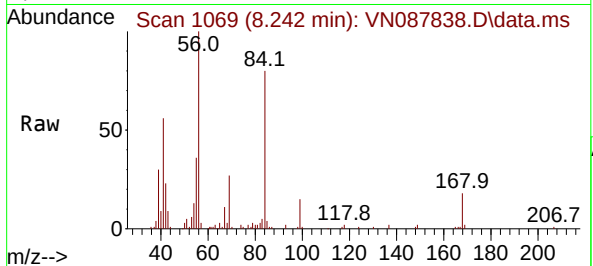




#31
Cyclohexane
Concen: 17.399 ug/l
RT: 8.242 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

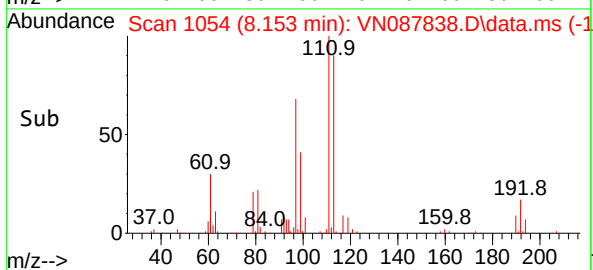
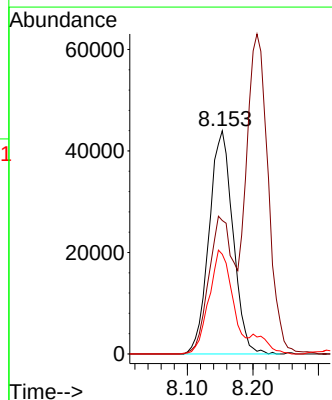
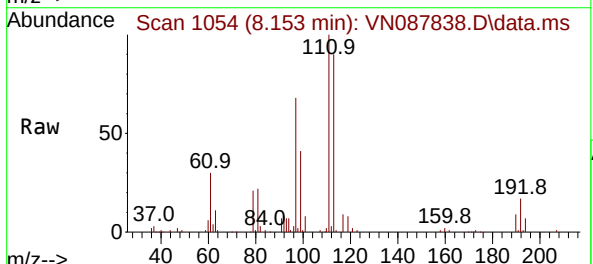
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

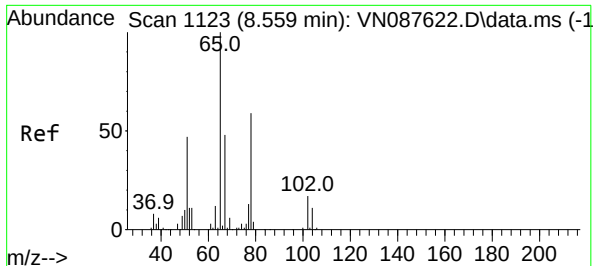
Tgt Ion: 56 Resp: 101603
Ion Ratio Lower Upper
56 100
69 27.0 23.7 35.5
84 79.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.358 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 97 Resp: 111232
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 46.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.557 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

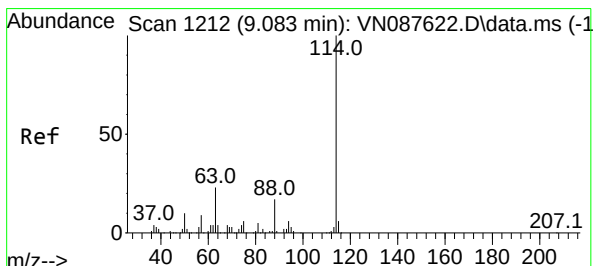
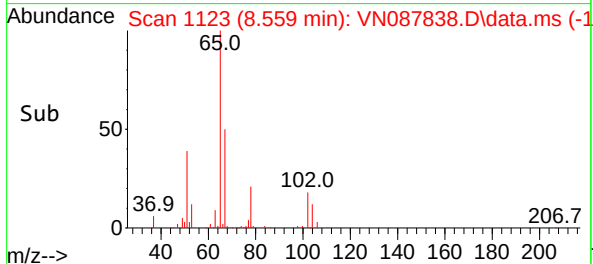
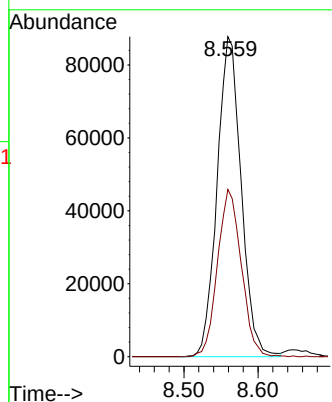
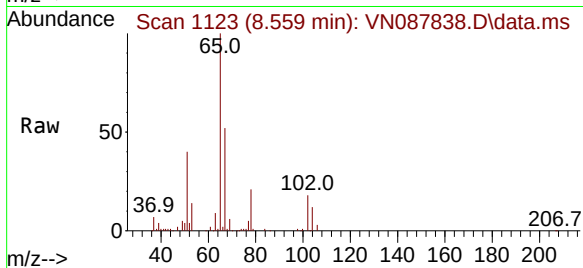
VN0915MBSD01

Tgt Ion: 65 Resp: 197578

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

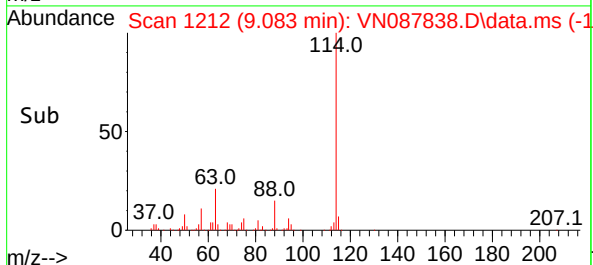
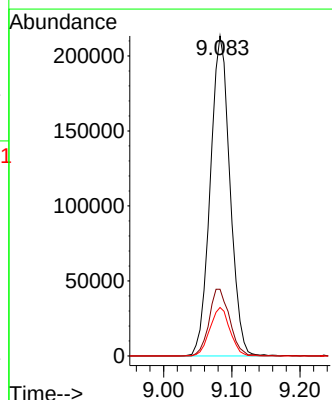
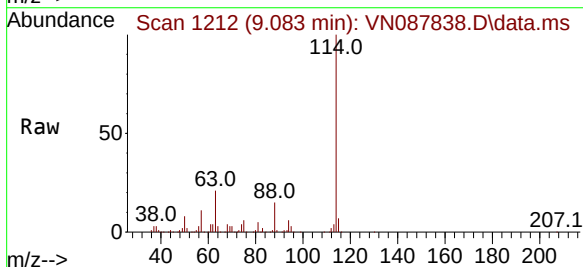
Tgt Ion: 114 Resp: 429279

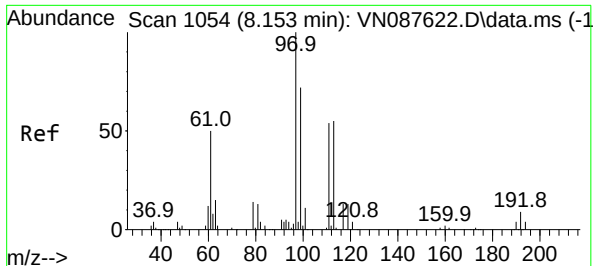
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.2

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.692 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

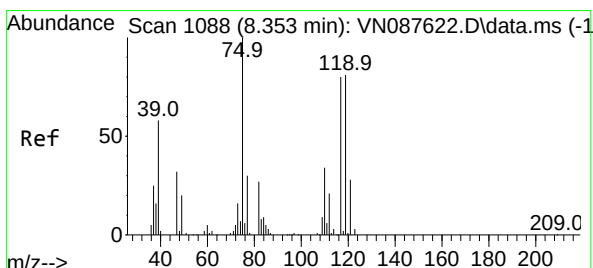
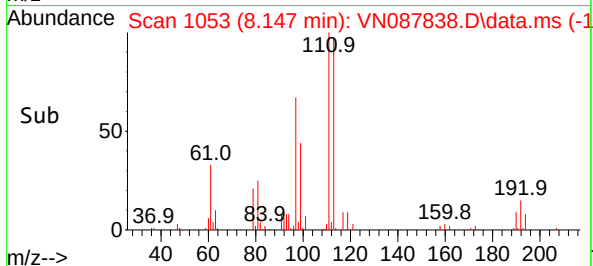
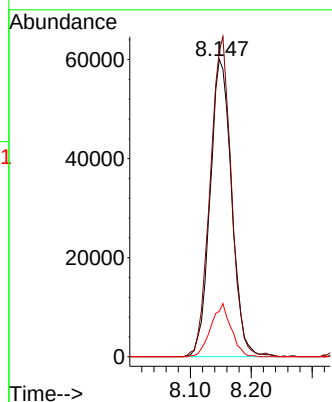
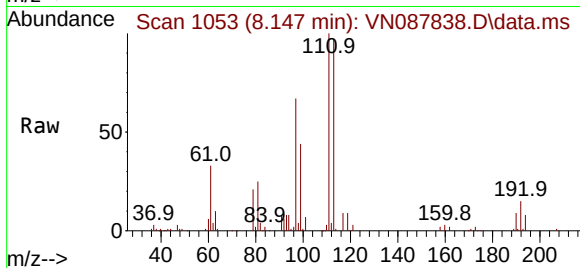
Tgt Ion:113 Resp: 147816

Ion Ratio Lower Upper

113 100

111 105.5 82.8 124.2

192 16.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 17.280 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

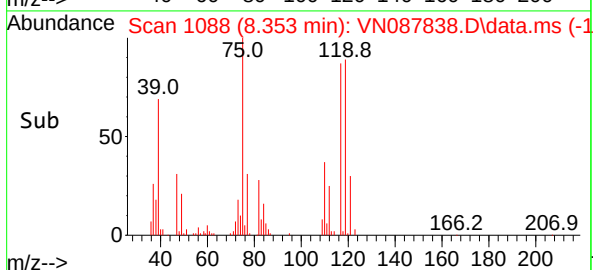
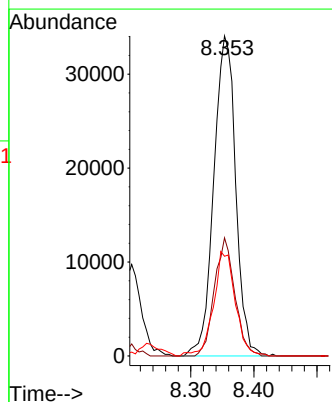
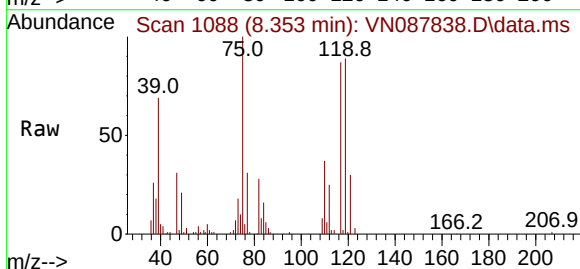
Tgt Ion: 75 Resp: 82162

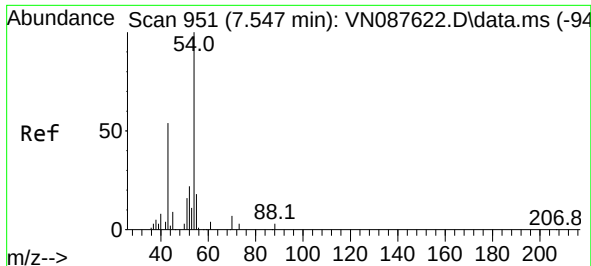
Ion Ratio Lower Upper

75 100

110 34.4 15.9 47.6

77 32.6 24.4 36.6

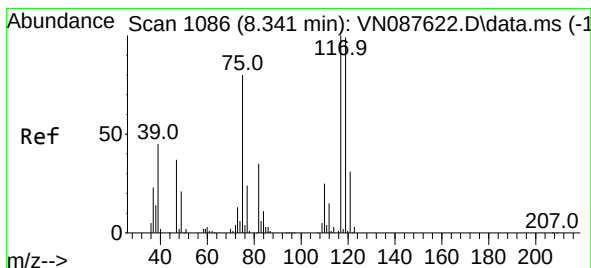
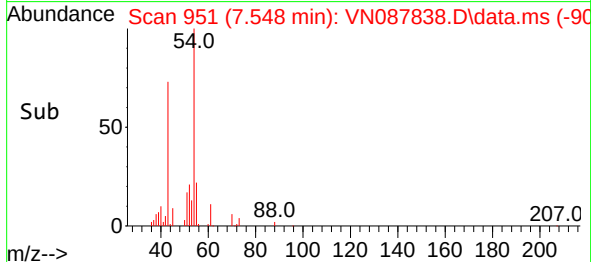
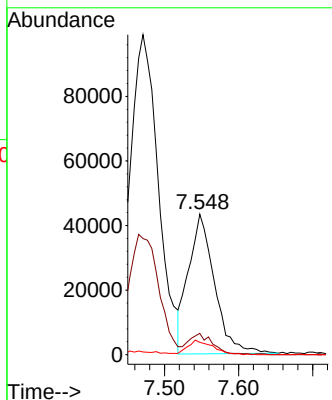
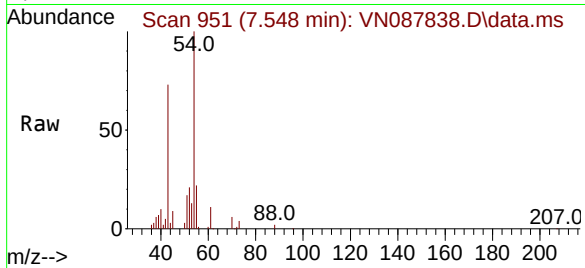




#37
Ethyl Acetate
Concen: 16.342 ug/l
RT: 7.548 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

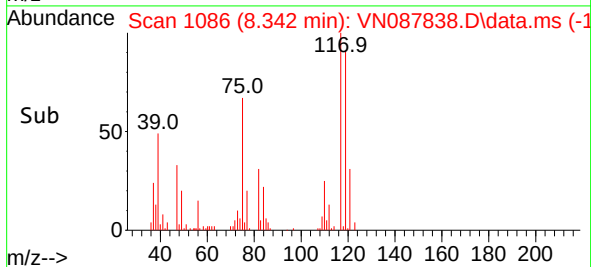
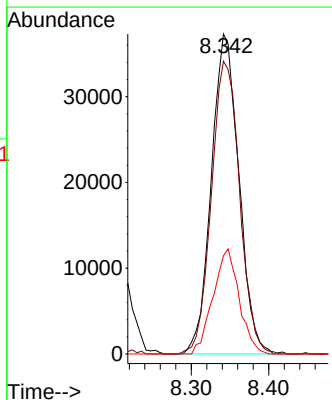
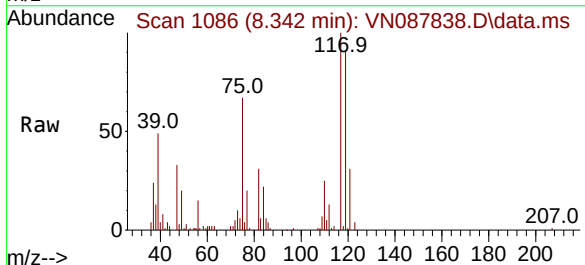
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

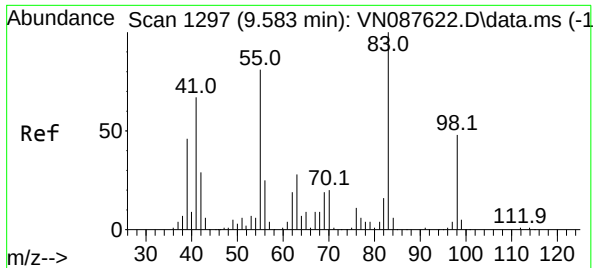
Tgt Ion: 43 Resp: 106181
Ion Ratio Lower Upper
43 100
61 13.7 9.3 13.9
70 9.8 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.605 ug/l
RT: 8.342 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 117 Resp: 92039
Ion Ratio Lower Upper
117 100
119 91.5 79.0 118.6
121 30.7 25.0 37.6





#39

Methylcyclohexane

Concen: 18.262 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

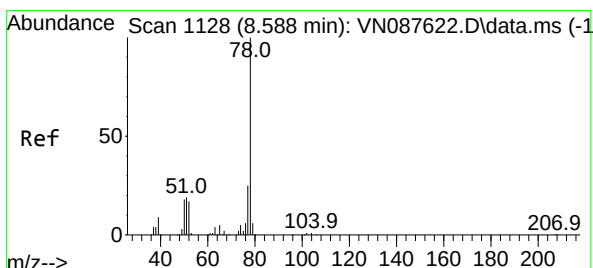
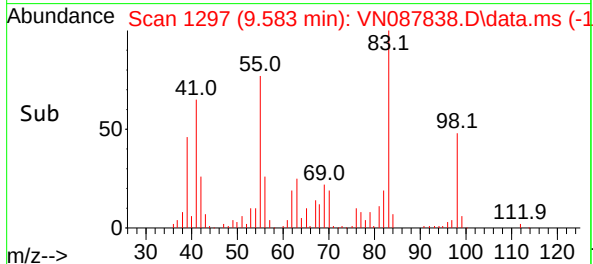
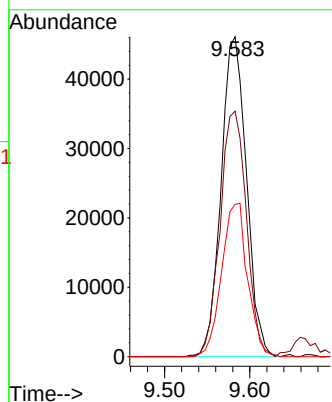
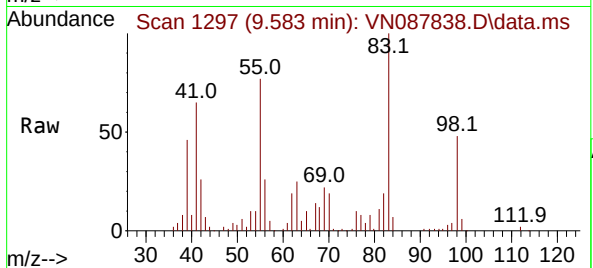
Tgt Ion: 83 Resp: 95599

Ion Ratio Lower Upper

83 100

55 76.7 64.6 96.8

98 47.6 38.4 57.6



#40

Benzene

Concen: 18.370 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087838.D

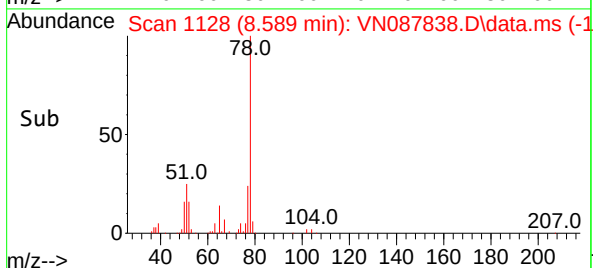
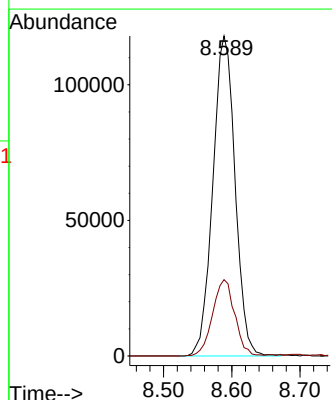
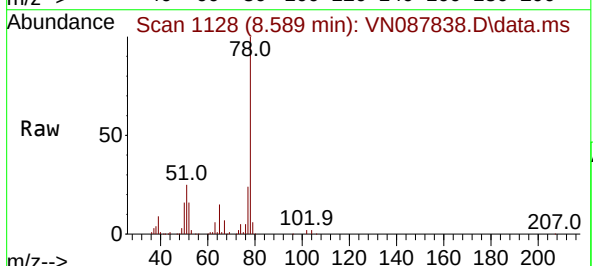
Acq: 15 Sep 2025 15:22

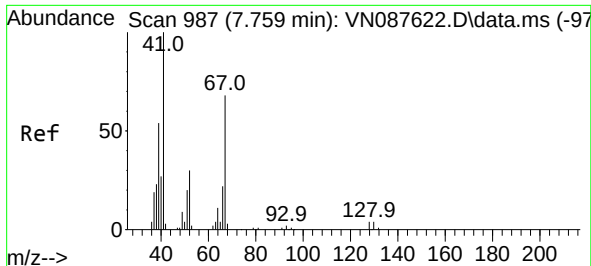
Tgt Ion: 78 Resp: 267907

Ion Ratio Lower Upper

78 100

77 23.8 19.7 29.5

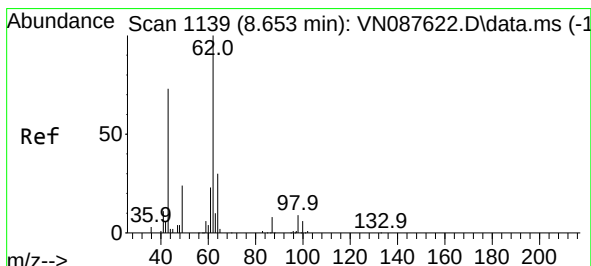
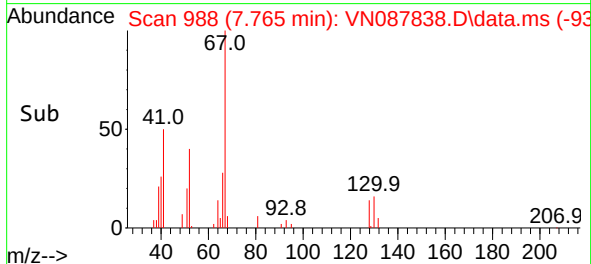
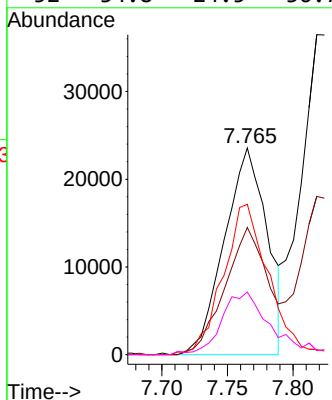
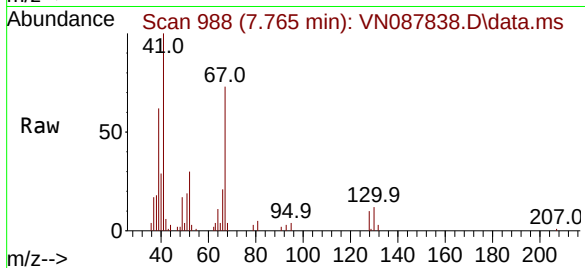




#41
Methacrylonitrile
Concen: 15.865 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

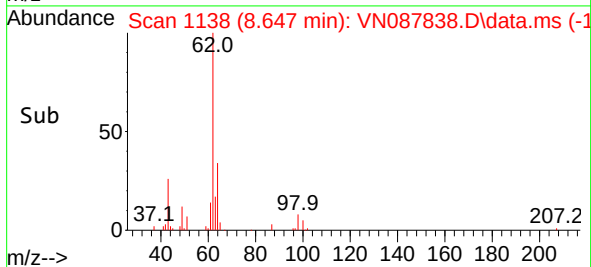
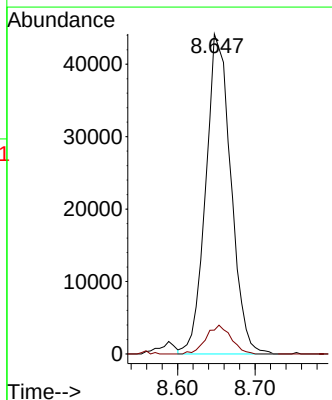
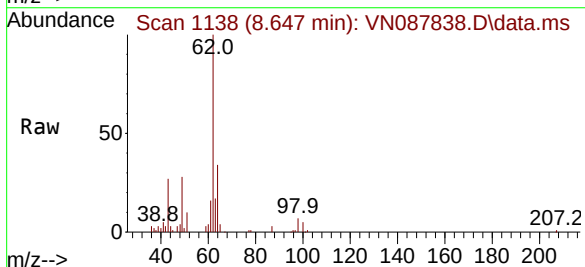
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

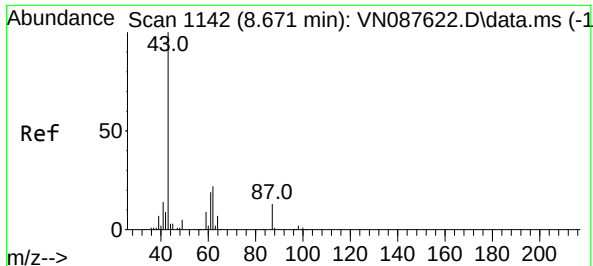
Tgt Ion:	41	Resp:	53397
Ion	Ratio	Lower	Upper
41	100		
39	61.0	45.4	68.0
67	77.1	55.3	82.9
52	34.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 17.759 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:	62	Resp:	99526
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4

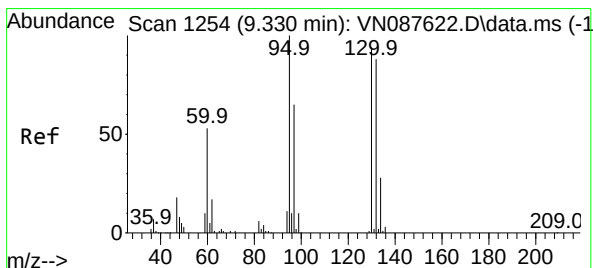
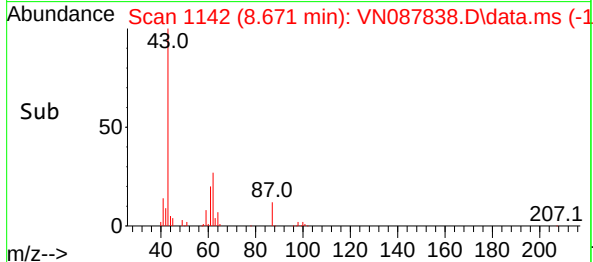
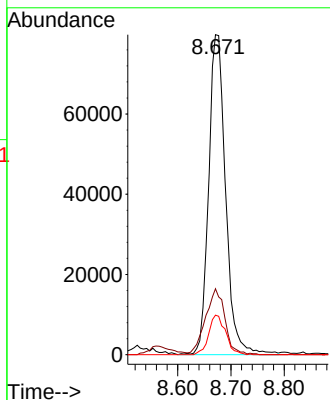
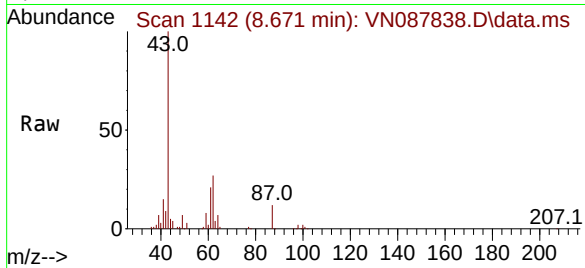




#43
Isopropyl Acetate
Concen: 17.442 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

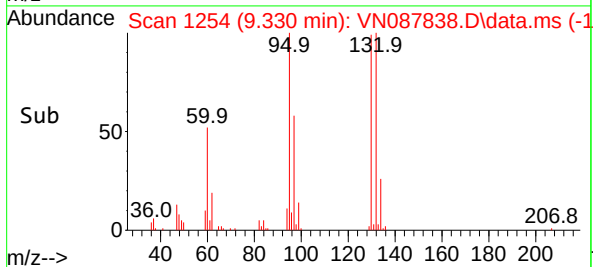
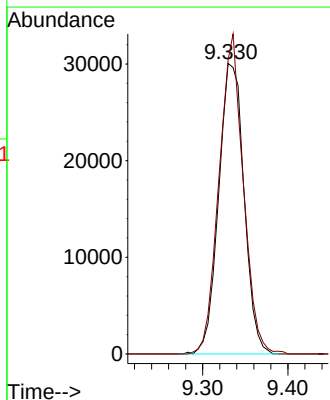
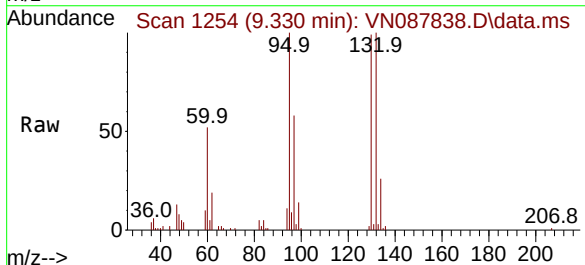
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

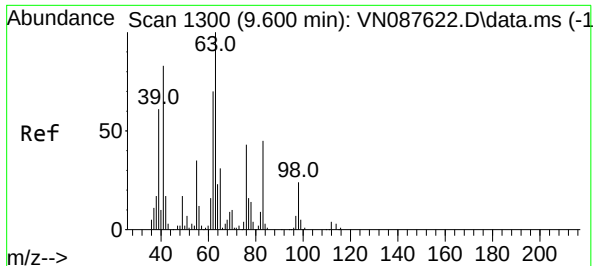
Tgt Ion: 43 Resp: 176937
Ion Ratio Lower Upper
43 100
61 23.6 18.8 28.2
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 18.655 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:130 Resp: 62115
Ion Ratio Lower Upper
130 100
95 101.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.831 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

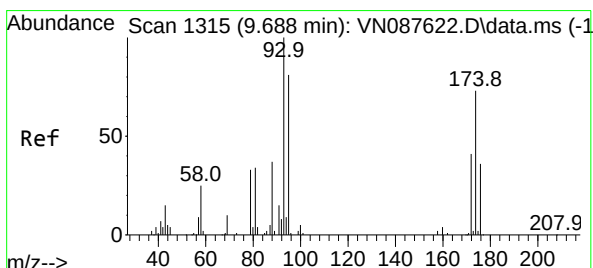
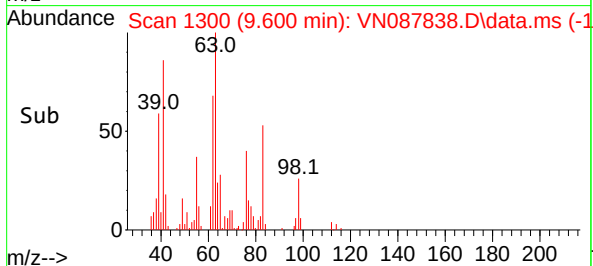
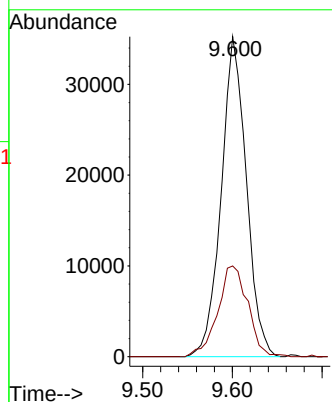
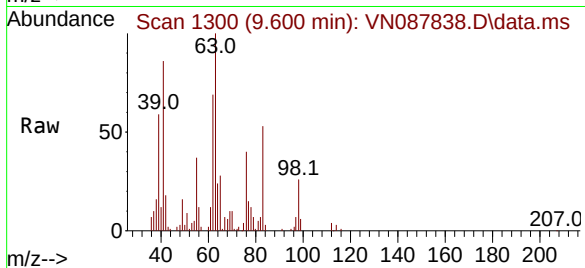
VN0915MBSD01

Tgt Ion: 63 Resp: 68546

Ion Ratio Lower Upper

63 100

65 28.3 25.0 37.4



#46

Dibromomethane

Concen: 19.294 ug/l

RT: 9.689 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

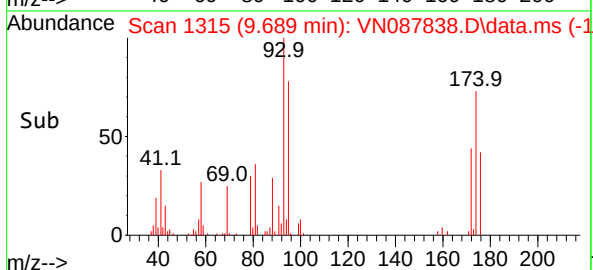
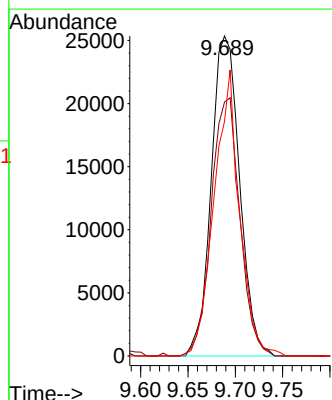
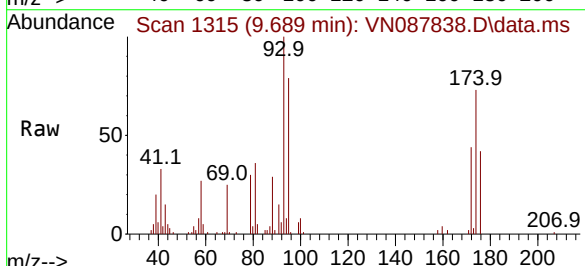
Tgt Ion: 93 Resp: 52781

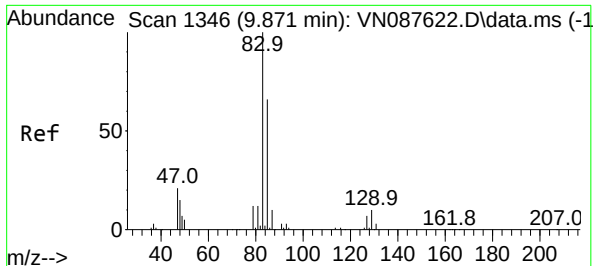
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 79.8 63.4 95.2

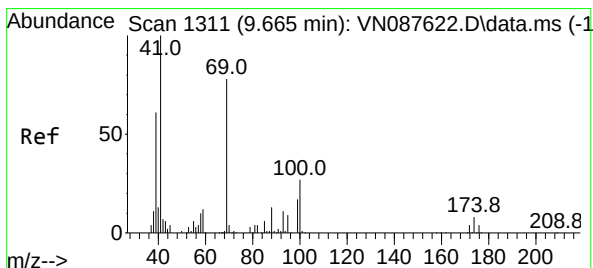
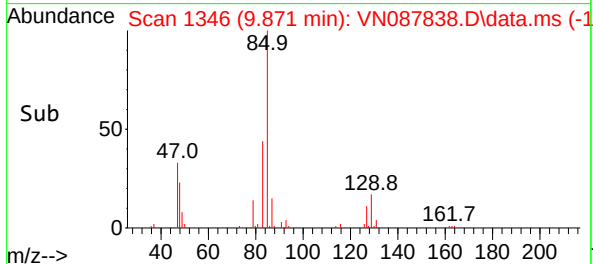
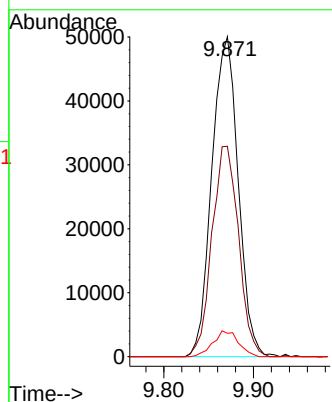
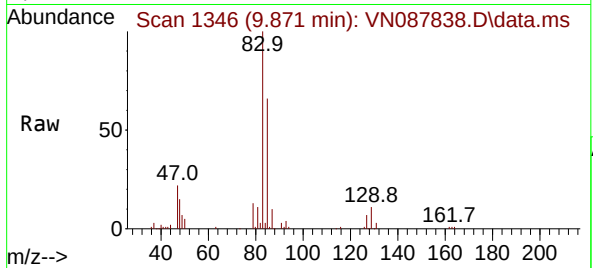




#47
Bromodichloromethane
Concen: 18.215 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

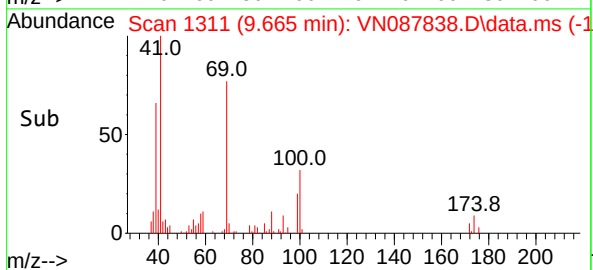
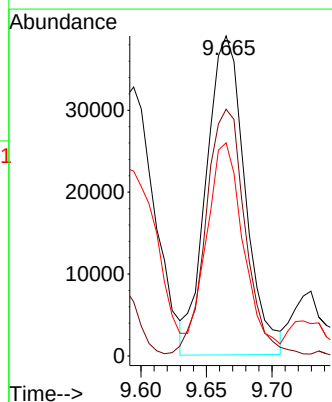
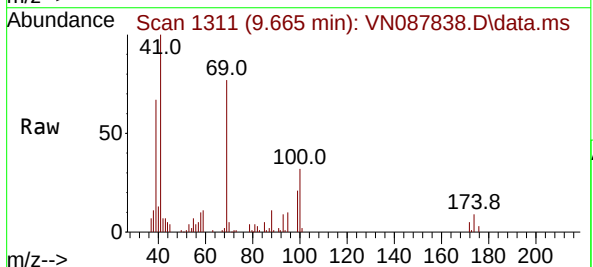
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

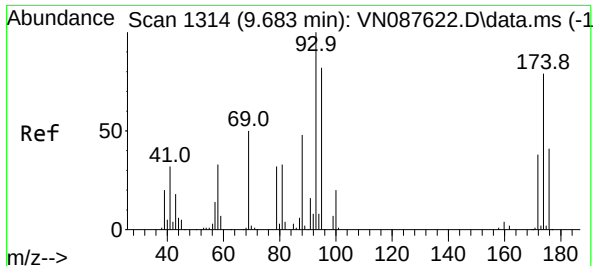
Tgt Ion: 83 Resp: 102121
Ion Ratio Lower Upper
83 100
85 65.8 52.5 78.7
127 7.3 5.8 8.6



#48
Methyl methacrylate
Concen: 16.749 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 41 Resp: 80364
Ion Ratio Lower Upper
41 100
69 77.1 62.7 94.1
39 62.2 52.9 79.3





#49

1,4-Dioxane

Concen: 345.062 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBSD01

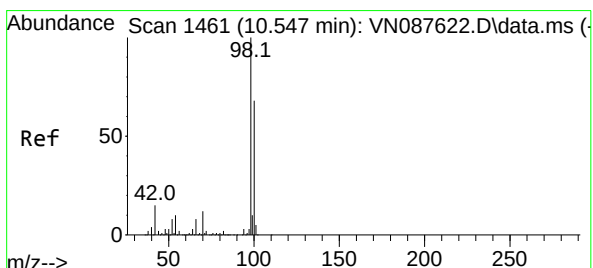
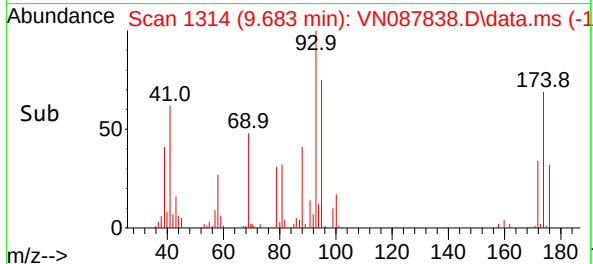
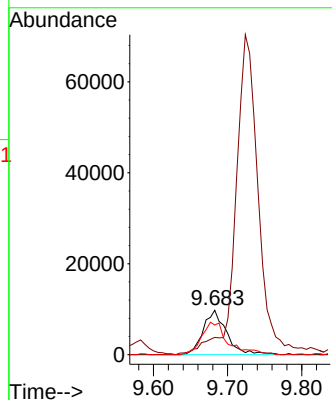
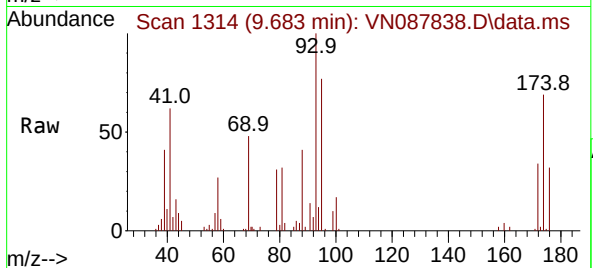
Tgt Ion: 88 Resp: 21460

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.7 57.9 86.9



#50

Toluene-d8

Concen: 44.703 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087838.D

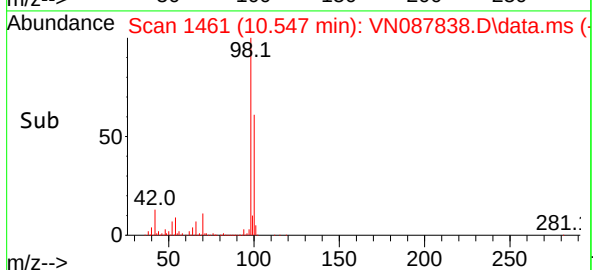
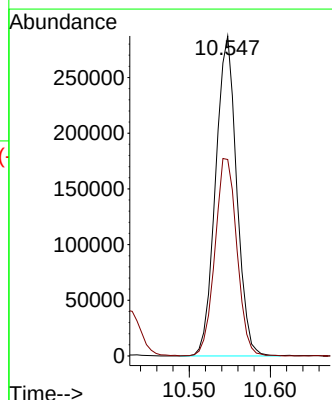
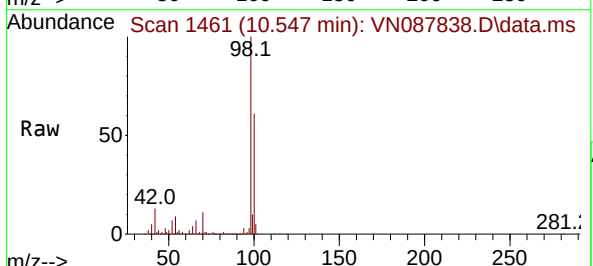
Acq: 15 Sep 2025 15:22

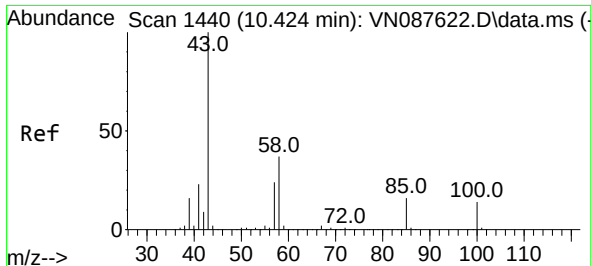
Tgt Ion: 98 Resp: 518572

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

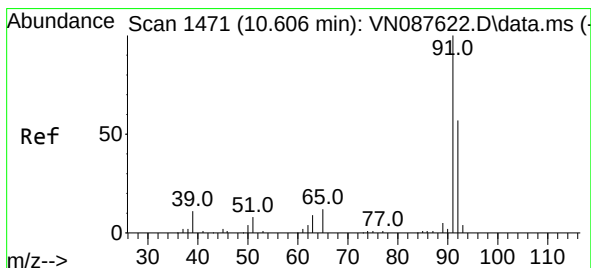
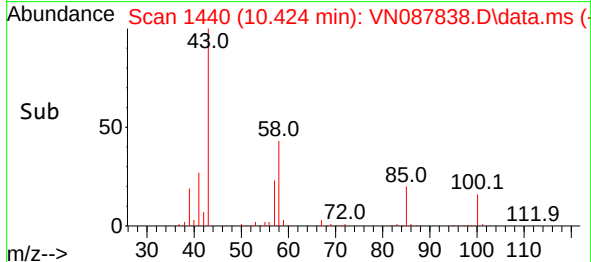
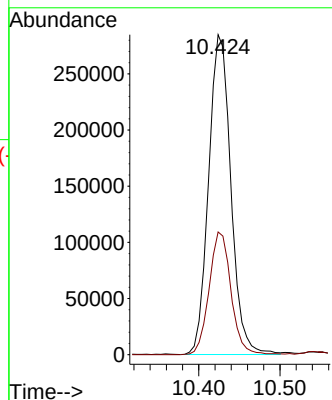
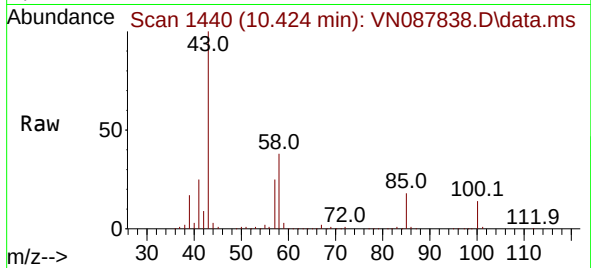




#51
4-Methyl-2-Pentanone
Concen: 88.638 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

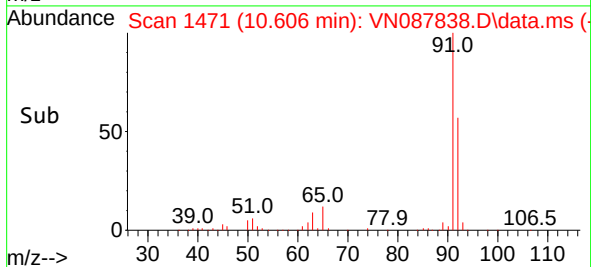
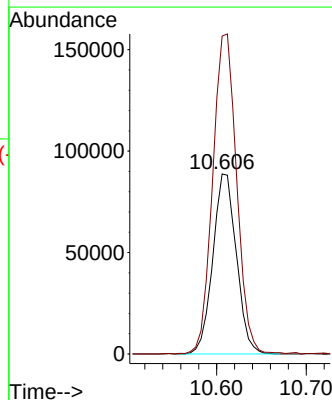
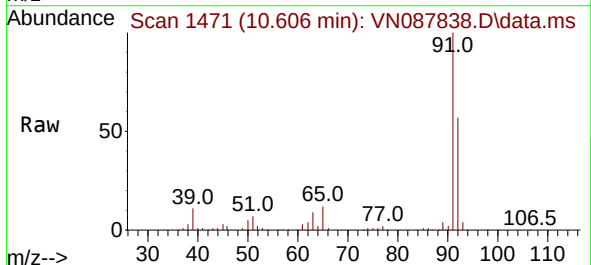
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

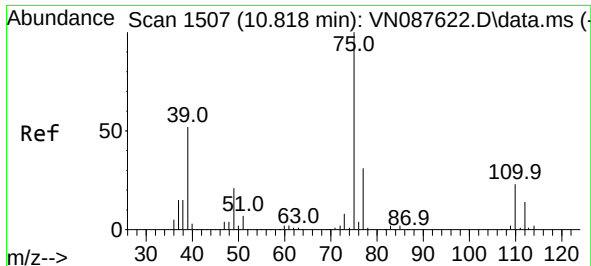
Tgt Ion: 43 Resp: 542501
Ion Ratio Lower Upper
43 100
58 37.7 29.6 44.4



#52
Toluene
Concen: 17.870 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 92 Resp: 161562
Ion Ratio Lower Upper
92 100
91 181.1 140.4 210.6

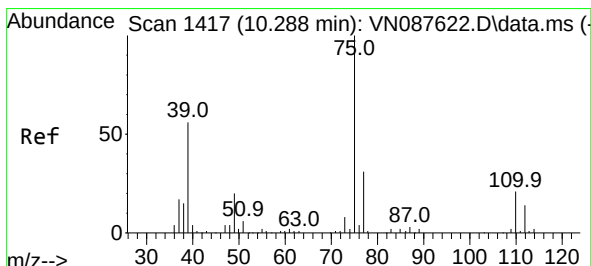
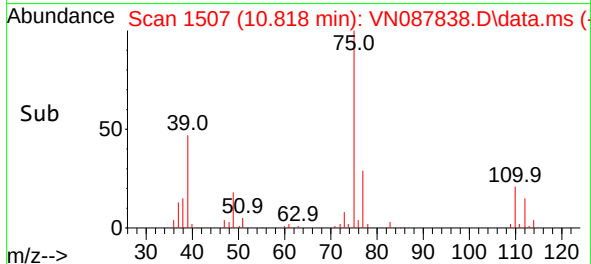
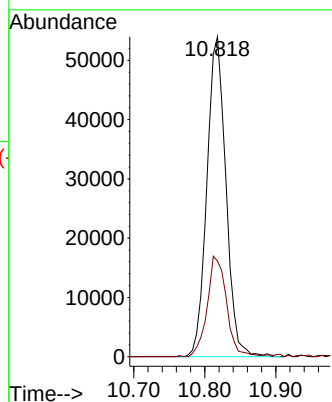
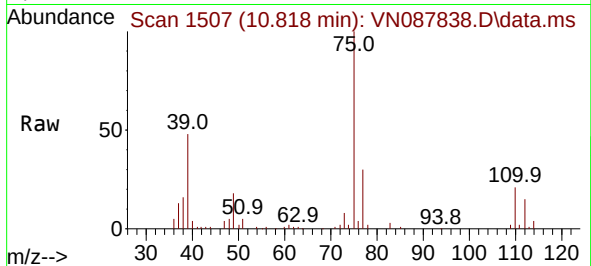




#53
 t-1,3-Dichloropropene
 Concen: 17.300 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

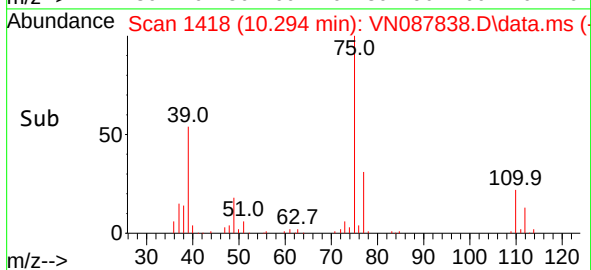
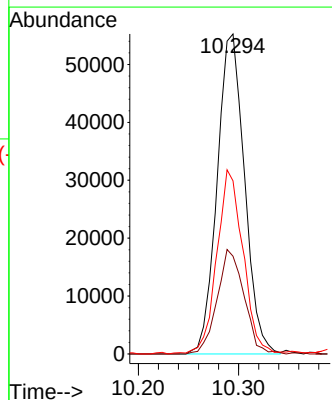
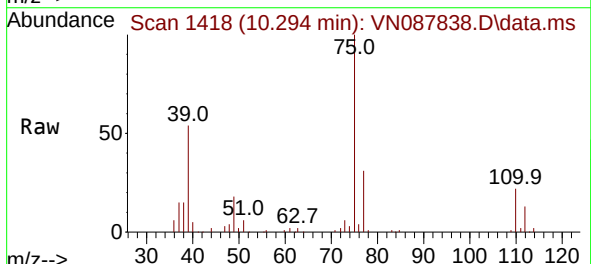
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBSD01

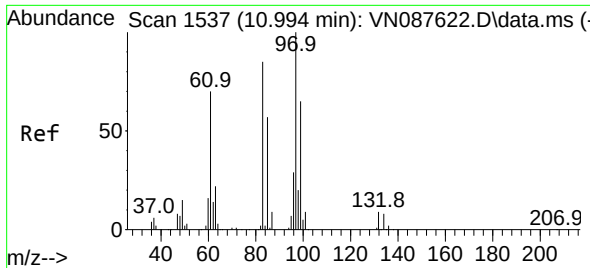
Tgt Ion: 75 Resp: 100397
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.426 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion: 75 Resp: 105005
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0
 39 53.7 45.2 67.8

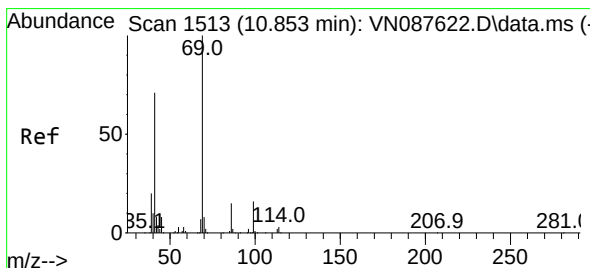
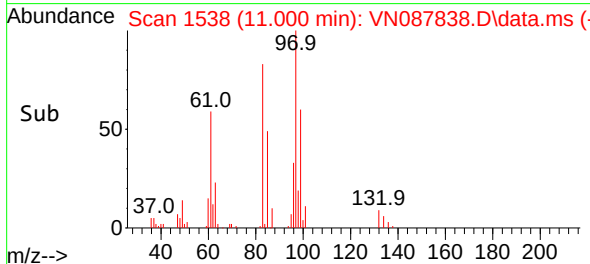
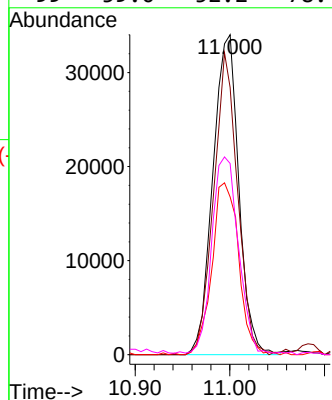
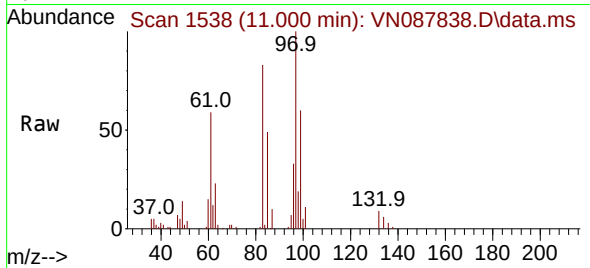




#55
1,1,2-Trichloroethane
Concen: 18.487 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

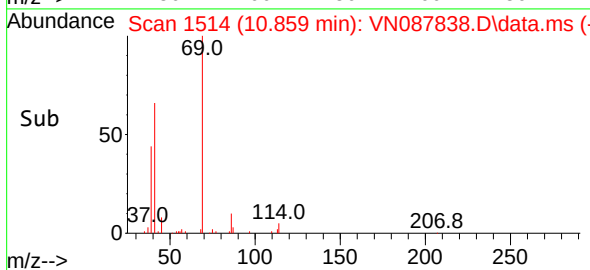
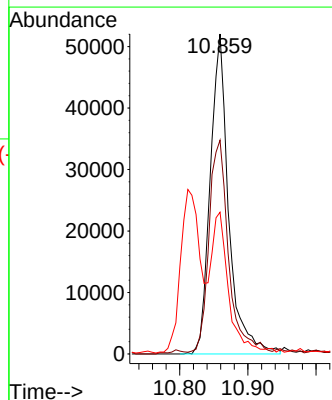
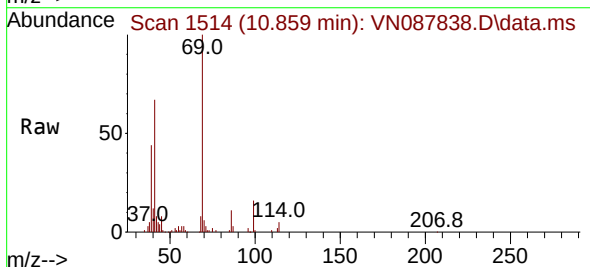
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

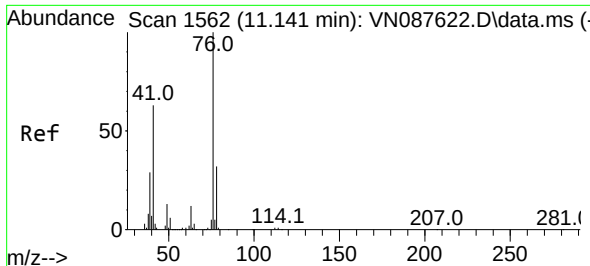
Tgt Ion:	97	Resp:	64657
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.2	102.4
85	49.3	45.5	68.3
99	59.0	52.2	78.4



#56
Ethyl methacrylate
Concen: 17.545 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:	69	Resp:	98069
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.5	84.7
39	43.1	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.735 ug/l

RT: 11.141 min Scan# 115966

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

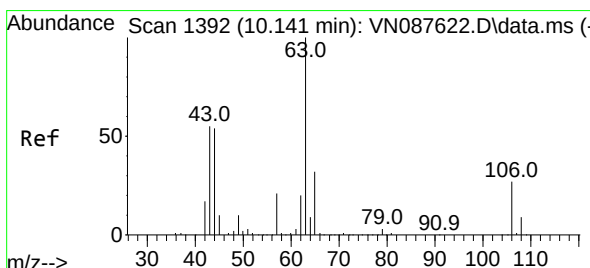
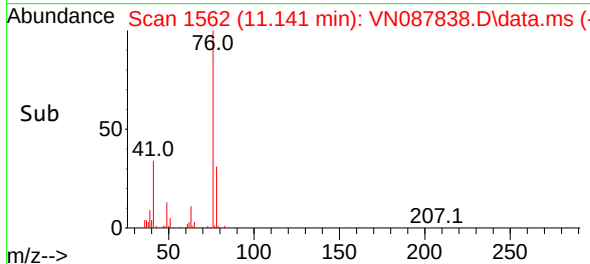
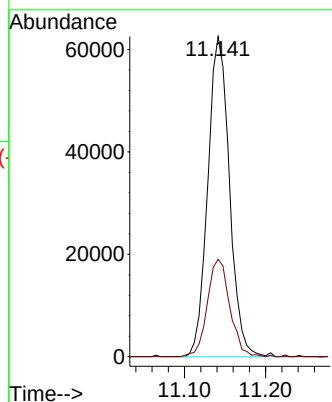
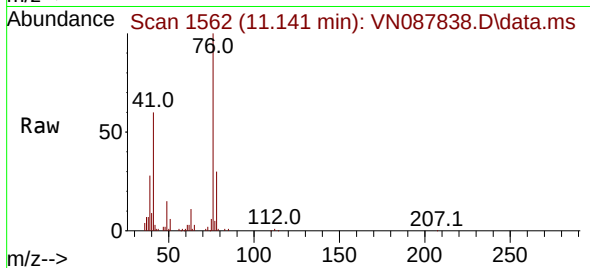
VN0915MBSD01

Tgt Ion: 76 Resp: 115966

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.143 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087838.D

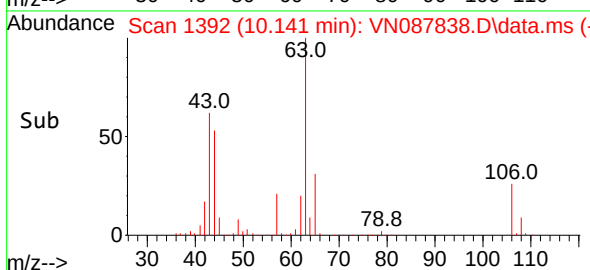
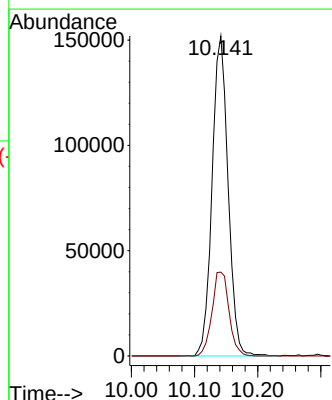
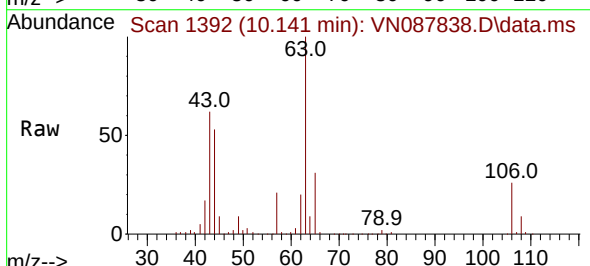
Acq: 15 Sep 2025 15:22

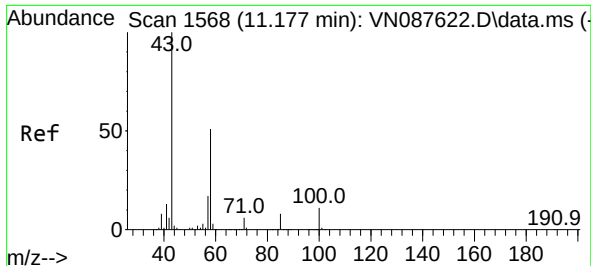
Tgt Ion: 63 Resp: 266659

Ion Ratio Lower Upper

63 100

106 27.9 21.1 31.7

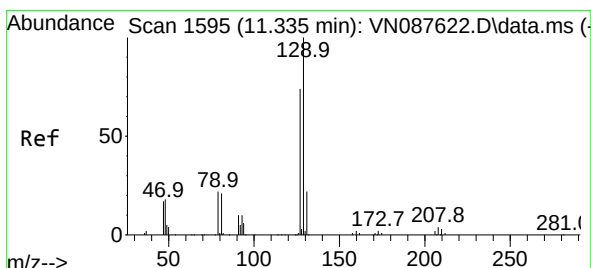
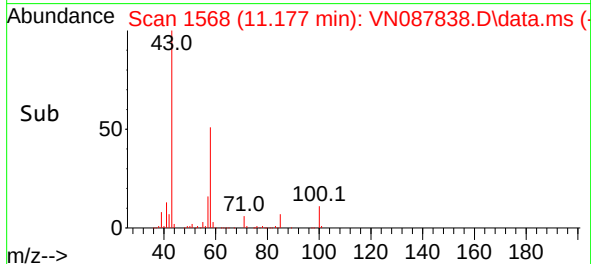
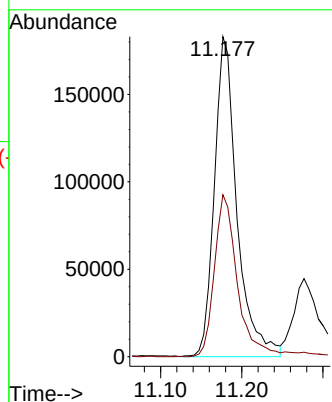
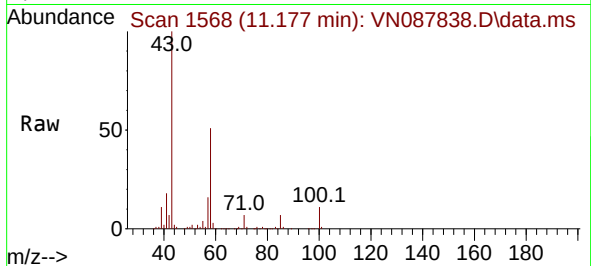




#59
2-Hexanone
Concen: 91.318 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

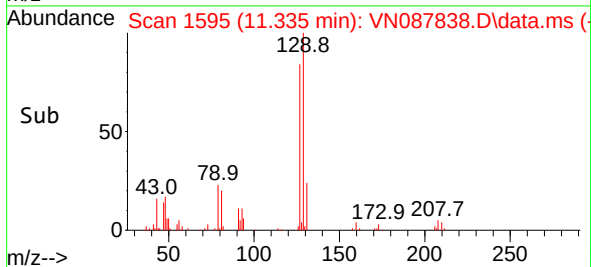
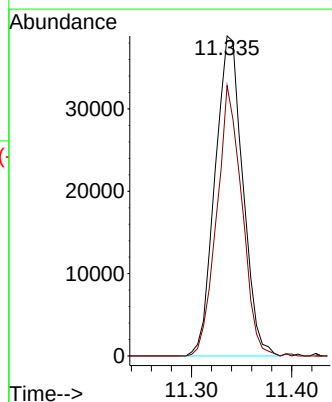
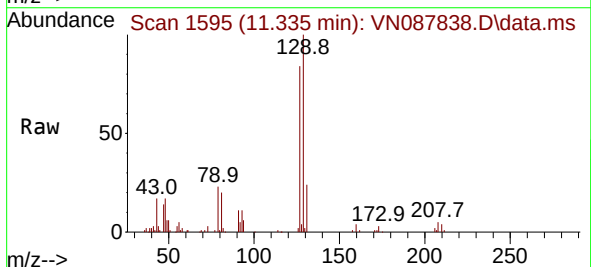
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

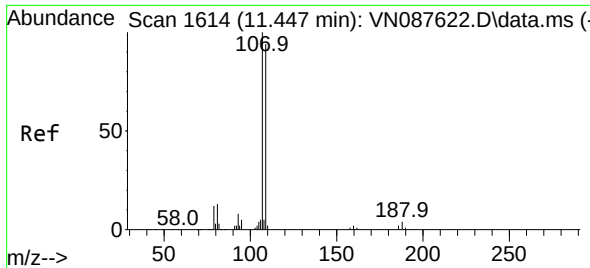
Tgt Ion: 43 Resp: 353223
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8



#60
Dibromochloromethane
Concen: 18.406 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 129 Resp: 74593
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3

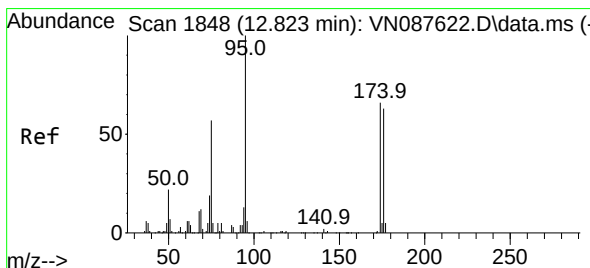
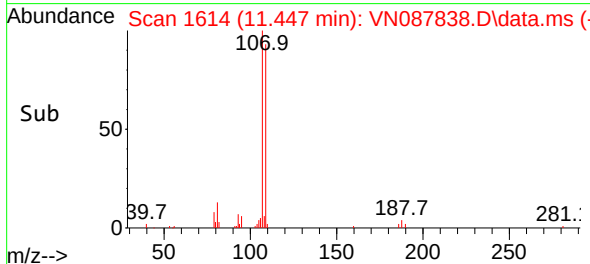
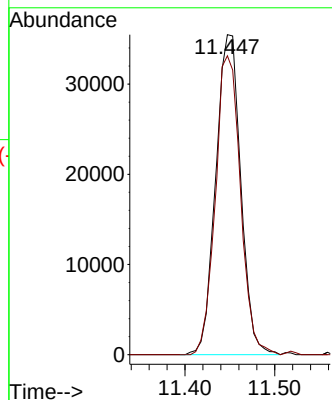
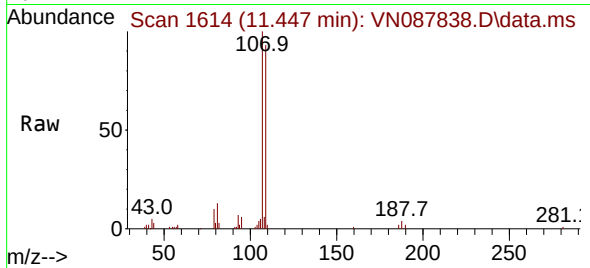




#61
1,2-Dibromoethane
Concen: 18.657 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

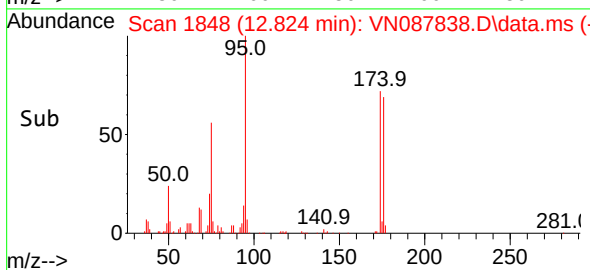
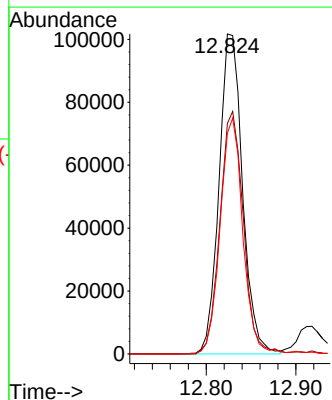
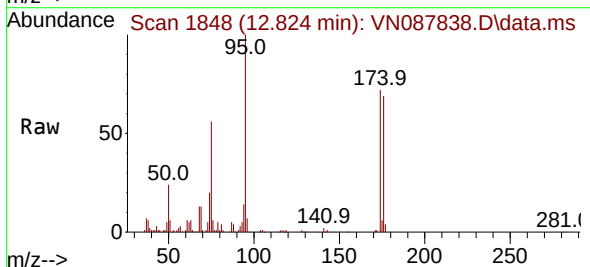
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

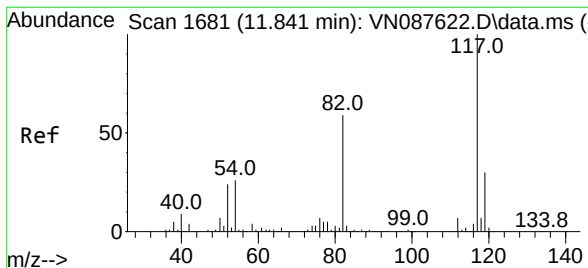
Tgt Ion:107 Resp: 68805
Ion Ratio Lower Upper
107 100
109 93.5 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.820 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 95 Resp: 184904
Ion Ratio Lower Upper
95 100
174 75.4 0.0 138.4
176 71.1 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBSD01

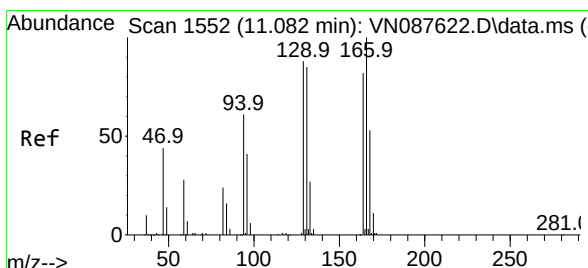
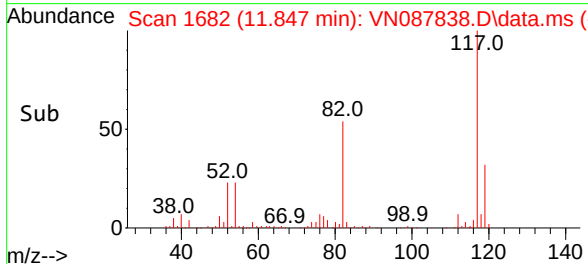
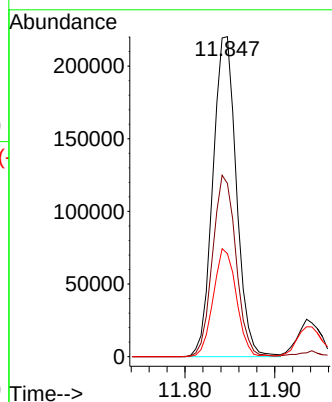
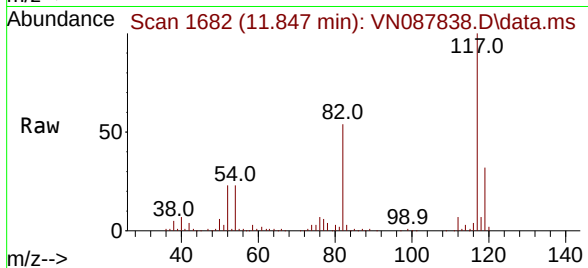
Tgt Ion:117 Resp: 401357

Ion Ratio Lower Upper

117 100

82 54.1 47.4 71.2

119 32.2 24.3 36.5



#64

Tetrachloroethene

Concen: 18.000 ug/l

RT: 11.083 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Tgt Ion:164 Resp: 50122

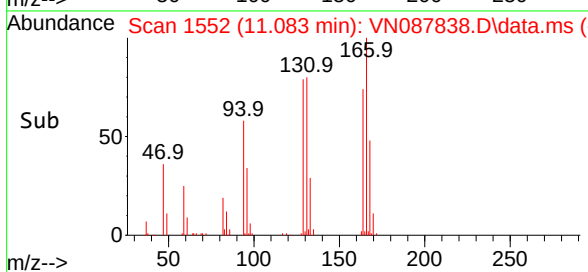
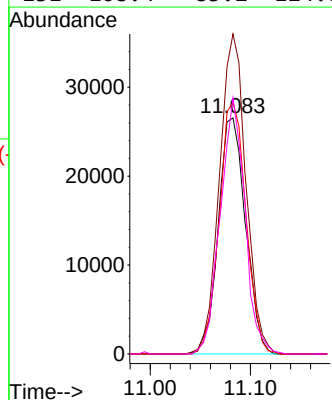
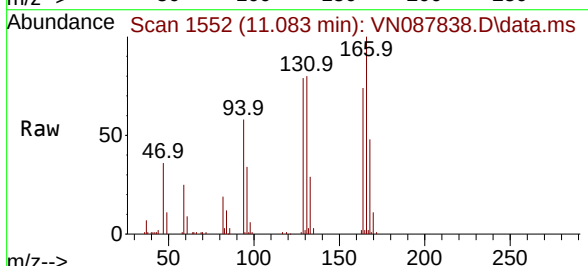
Ion Ratio Lower Upper

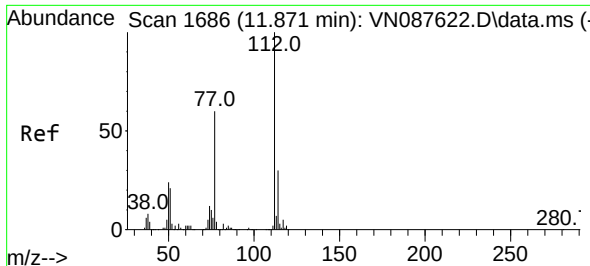
164 100

166 135.6 97.7 146.5

129 106.7 85.9 128.9

131 108.4 83.2 124.8

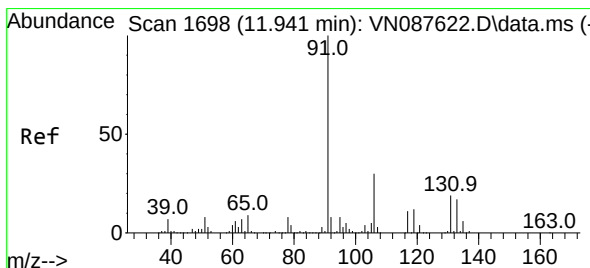
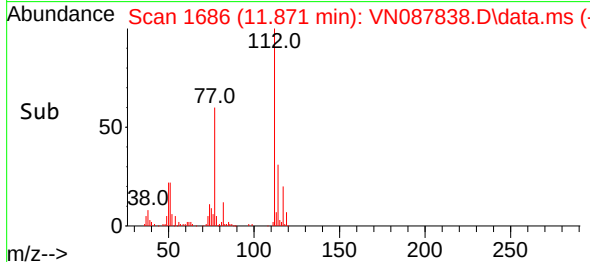
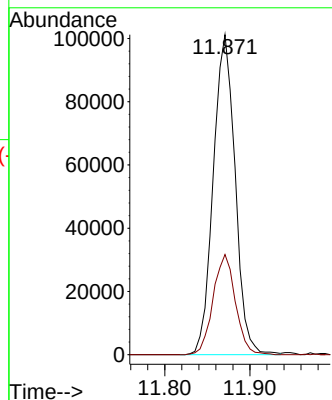
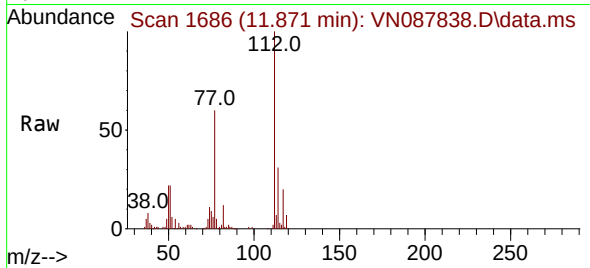




#65
Chlorobenzene
Concen: 18.106 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

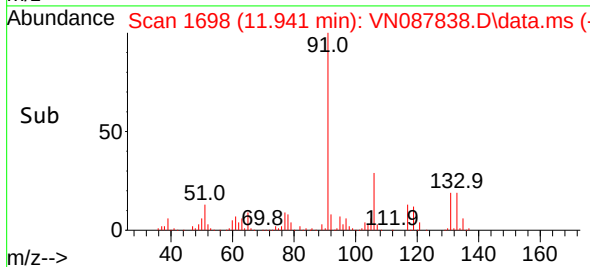
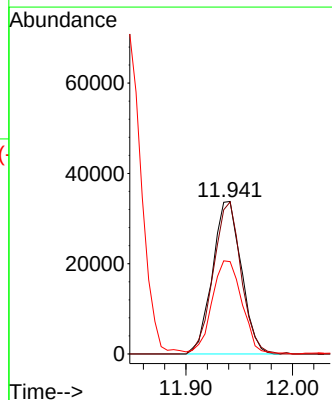
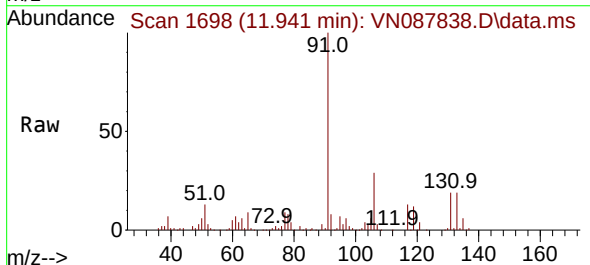
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

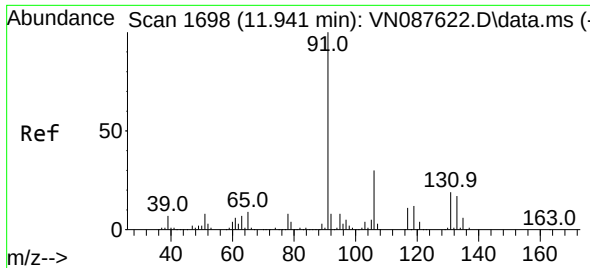
Tgt Ion:112 Resp: 180790
Ion Ratio Lower Upper
112 100
114 31.3 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.213 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:131 Resp: 63691
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 63.5 32.6 97.7

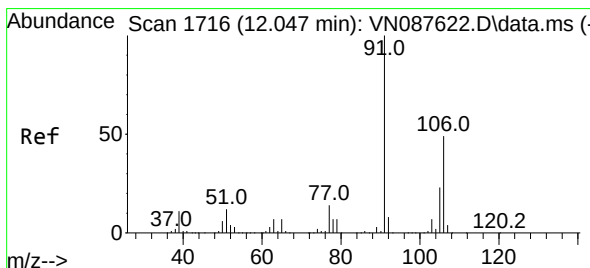
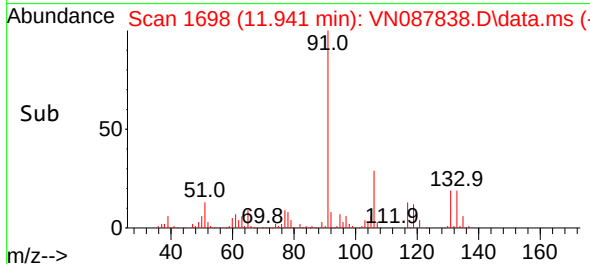
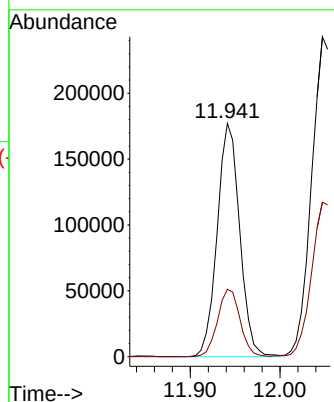
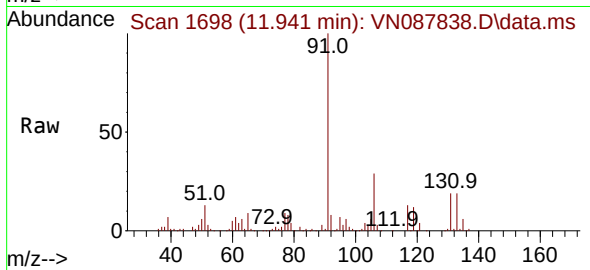




#67
Ethyl Benzene
Concen: 17.812 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

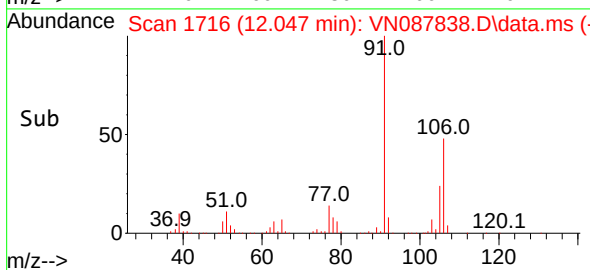
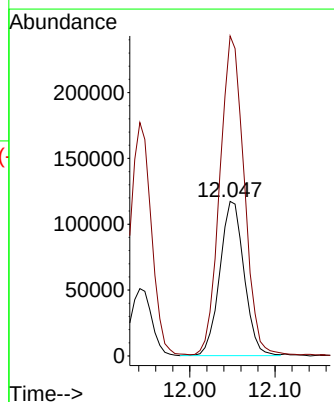
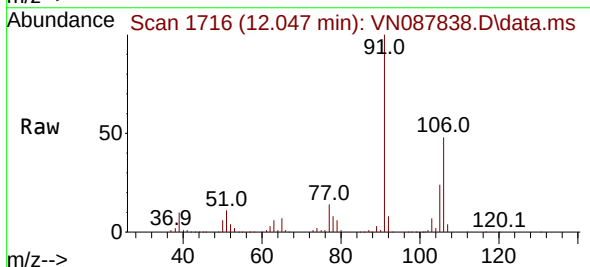
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

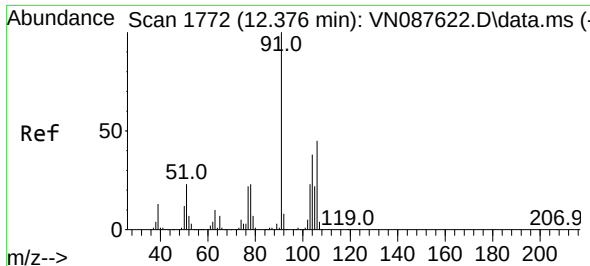
Tgt Ion: 91 Resp: 307943
Ion Ratio Lower Upper
91 100
106 28.8 24.1 36.1



#68
m/p-Xylenes
Concen: 36.550 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:106 Resp: 231741
Ion Ratio Lower Upper
106 100
91 207.0 169.3 253.9

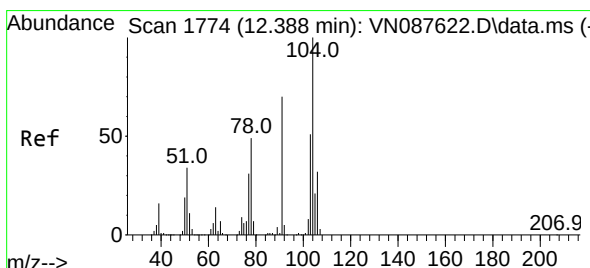
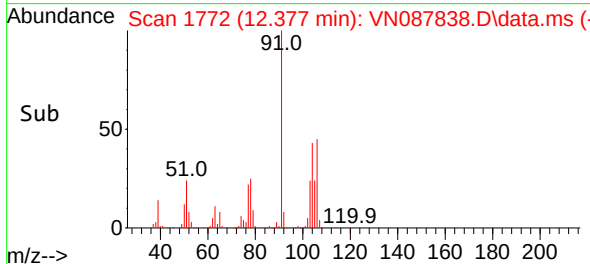
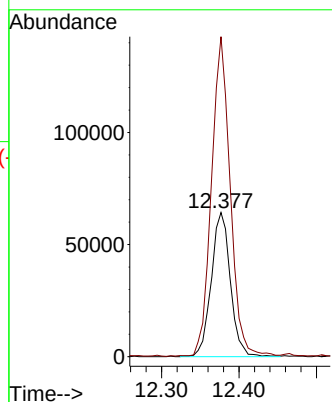
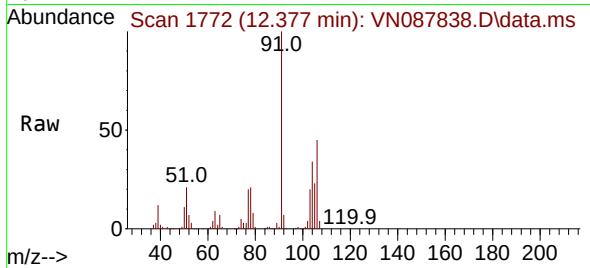




#69
o-Xylene
Concen: 17.789 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

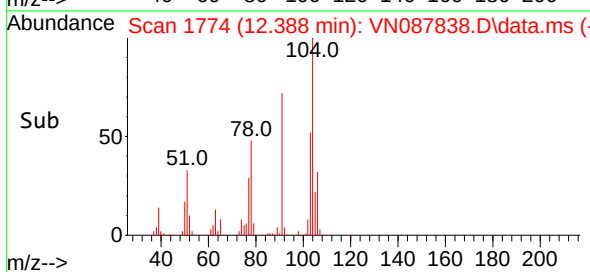
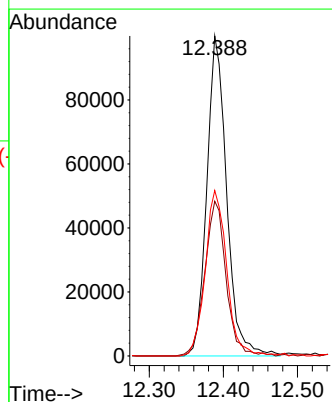
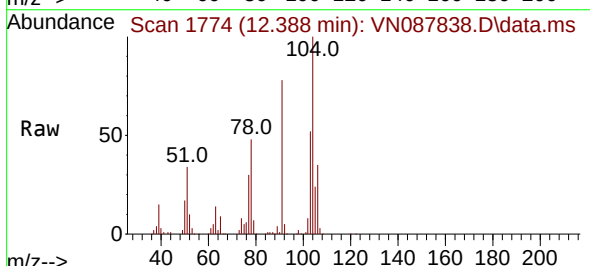
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

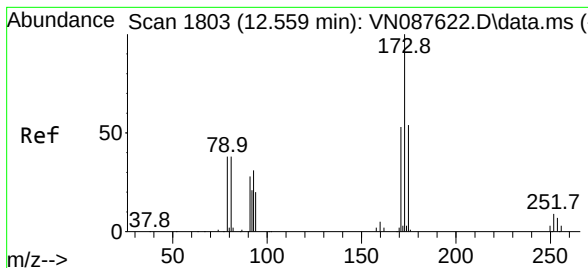
Tgt Ion:106 Resp: 110535
Ion Ratio Lower Upper
106 100
91 217.4 111.4 334.2



#70
Styrene
Concen: 17.872 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion:104 Resp: 186047
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.2
103 56.4 43.4 65.2





#71

Bromoform

Concen: 19.408 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

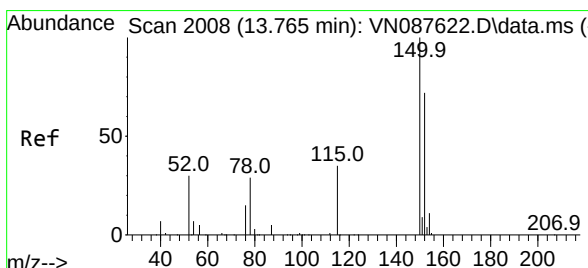
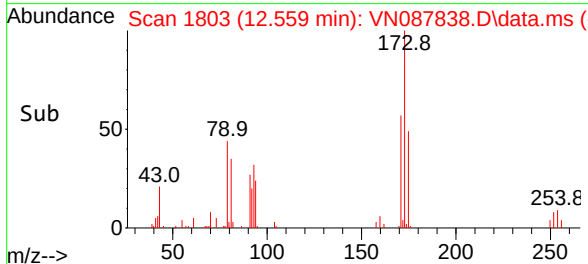
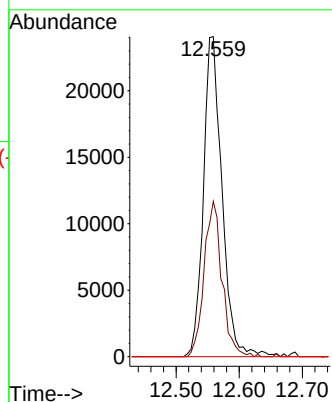
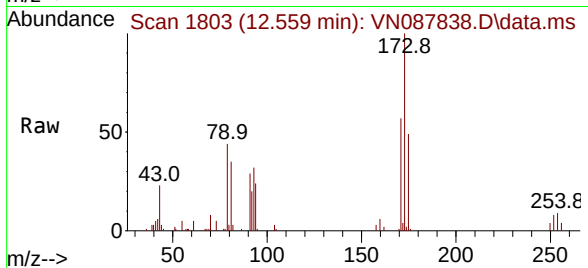
Tgt Ion:173 Resp: 49342

Ion Ratio Lower Upper

173 100

175 46.7 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

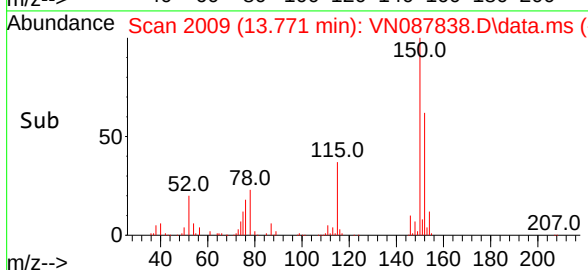
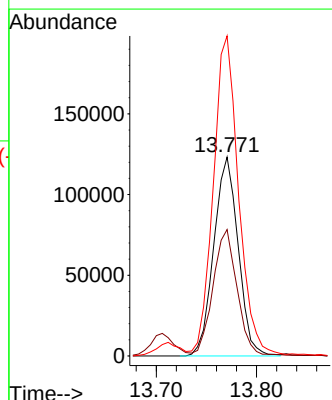
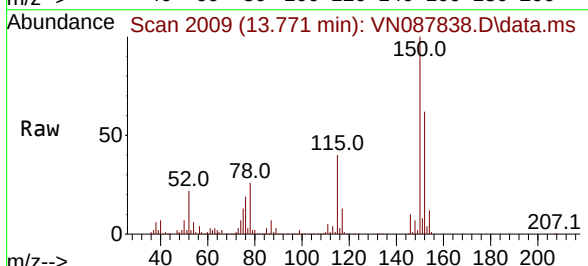
Tgt Ion:152 Resp: 208257

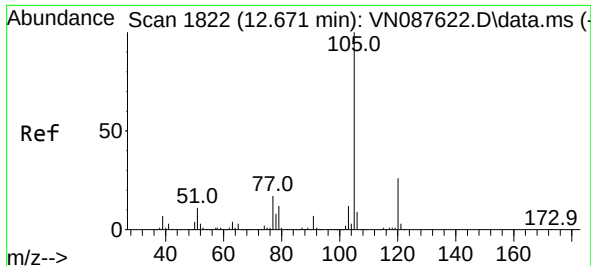
Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 168.1 0.0 351.0

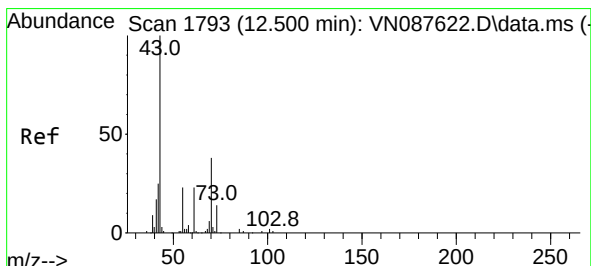
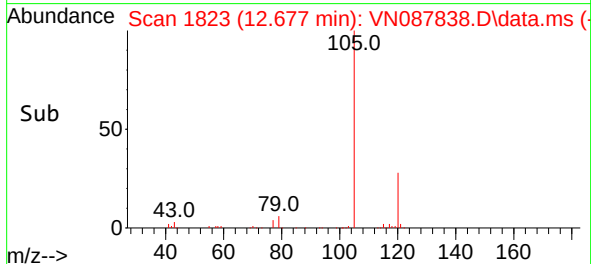
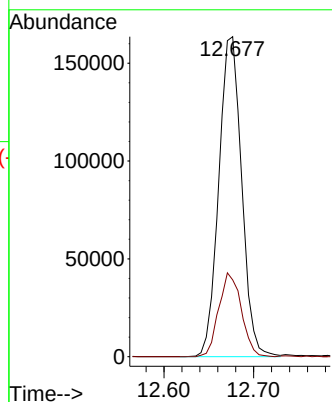
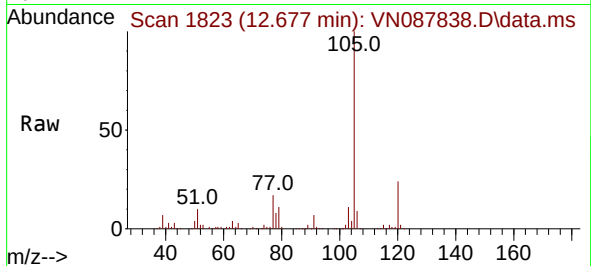




#73
Isopropylbenzene
Concen: 17.202 ug/l
RT: 12.677 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

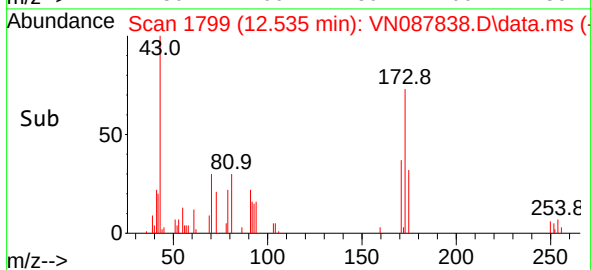
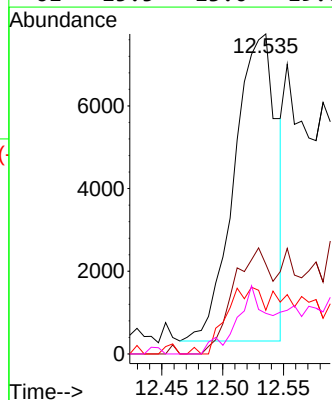
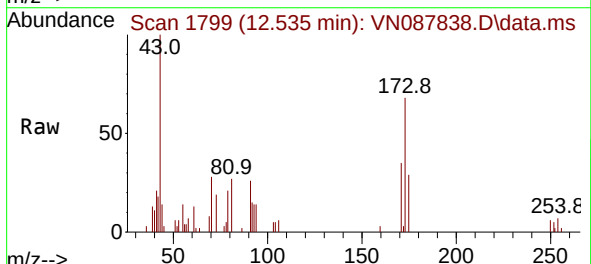
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

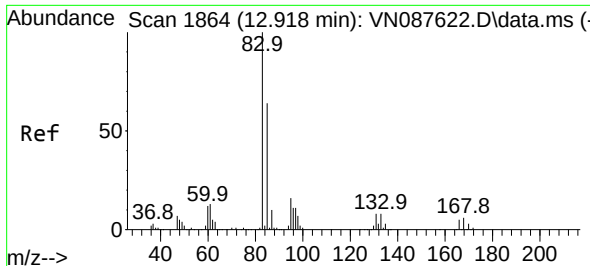
Tgt Ion:105 Resp: 289480
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 2.828 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.035 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 43 Resp: 18035
Ion Ratio Lower Upper
43 100
70 30.3 27.6 41.4
55 19.2 13.0 19.6
61 15.5 13.0 19.6

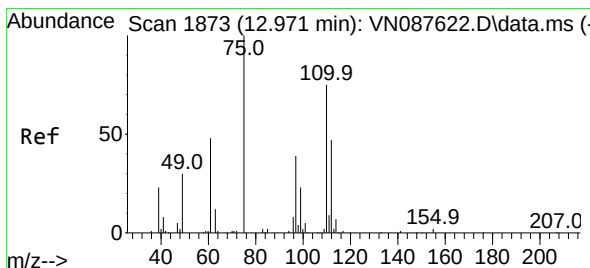
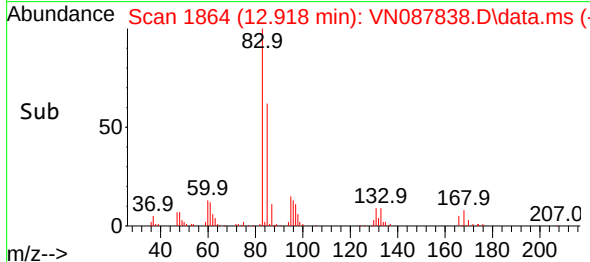
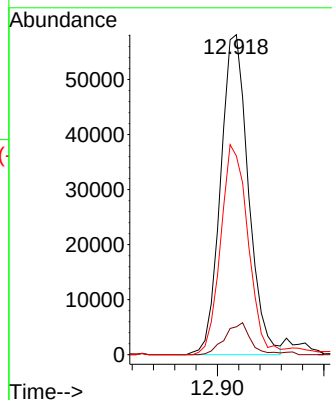
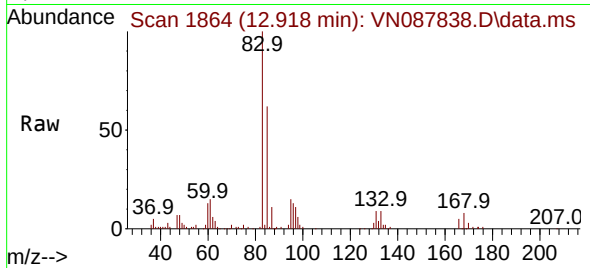




#75
 1,1,2-Tetrachloroethane
 Concen: 18.165 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

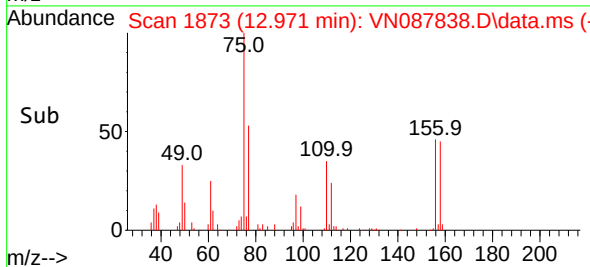
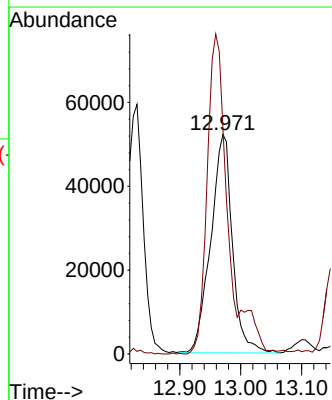
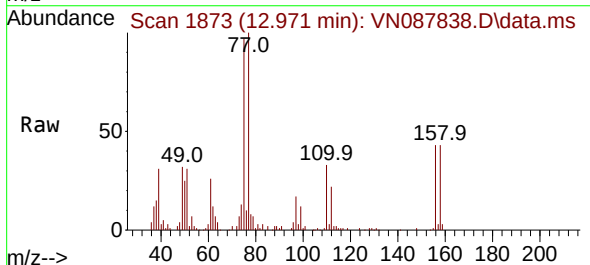
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBSD01

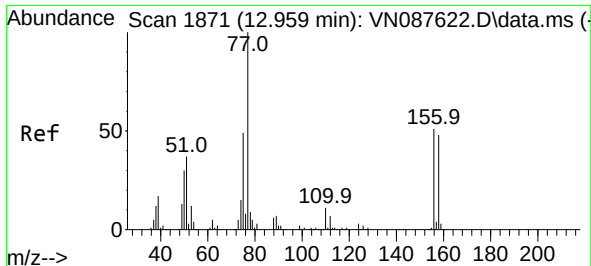
Tgt Ion: 83 Resp: 105242
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 65.0 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 26.495 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion: 75 Resp: 129393
 Ion Ratio Lower Upper
 75 100
 77 129.6 89.1 267.4

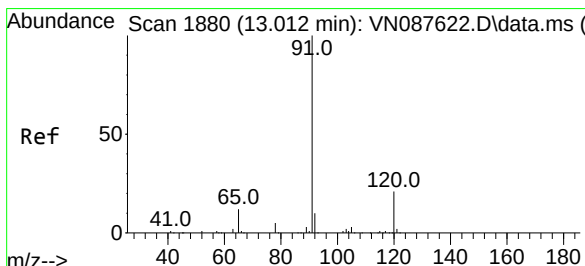
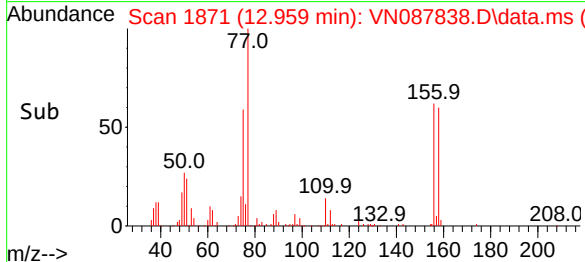
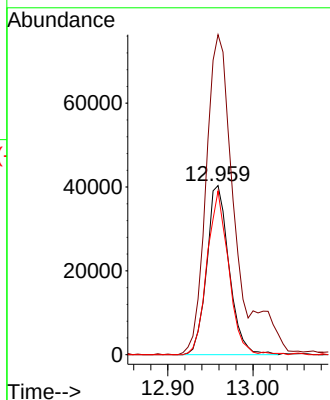
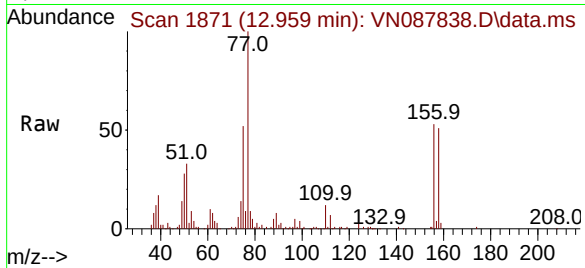




#77
Bromobenzene
Concen: 18.590 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

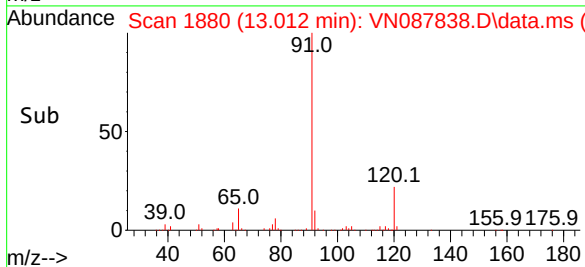
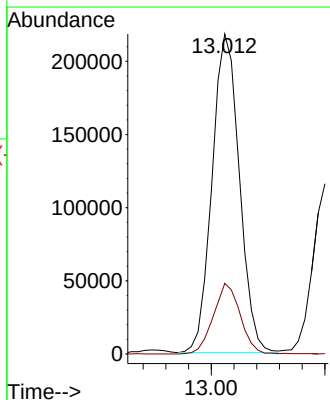
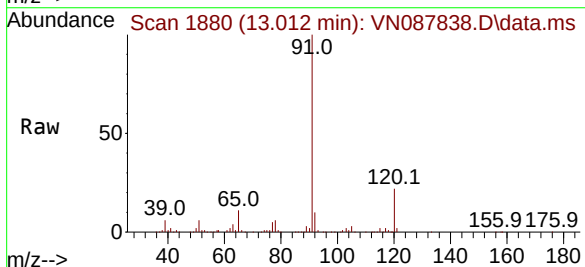
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

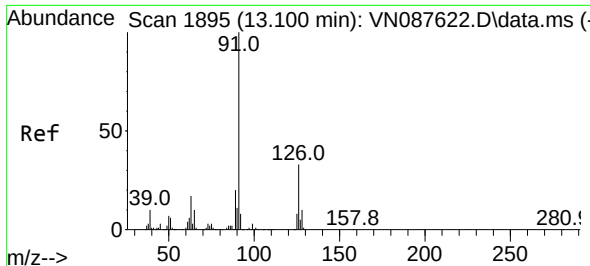
Tgt Ion:156 Resp: 73762
Ion Ratio Lower Upper
156 100
77 227.4 119.3 358.0
158 92.7 48.2 144.6



#78
n-propylbenzene
Concen: 17.566 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 91 Resp: 364119
Ion Ratio Lower Upper
91 100
120 21.9 10.7 32.1





#79

2-Chlorotoluene

Concen: 16.989 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

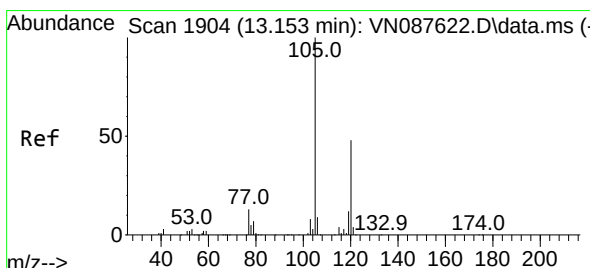
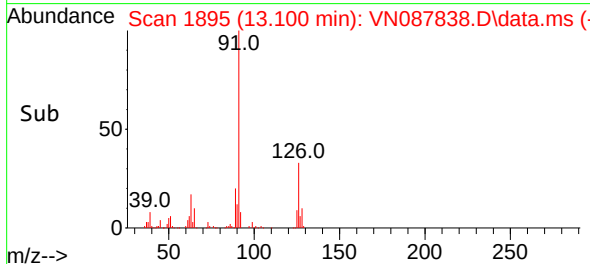
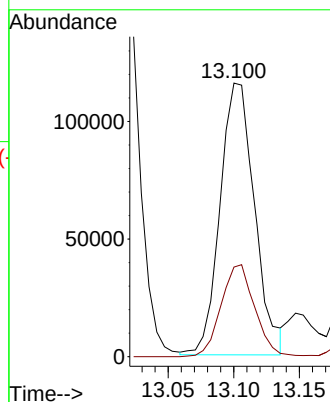
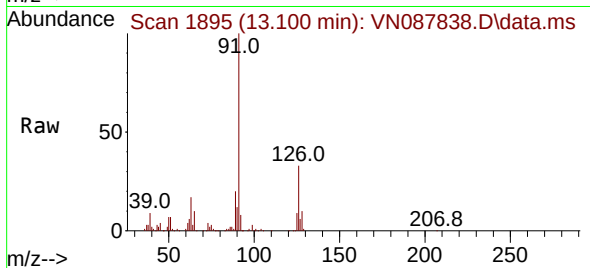
VN0915MBSD01

Tgt Ion: 91 Resp: 211920

Ion Ratio Lower Upper

91 100

126 33.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 17.004 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN087838.D

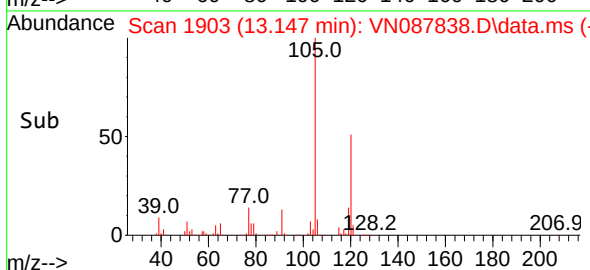
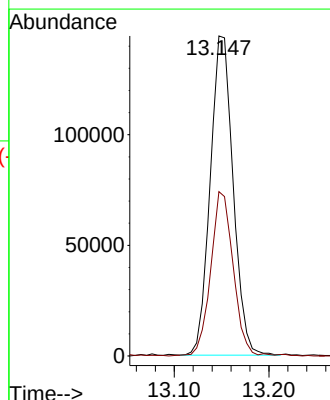
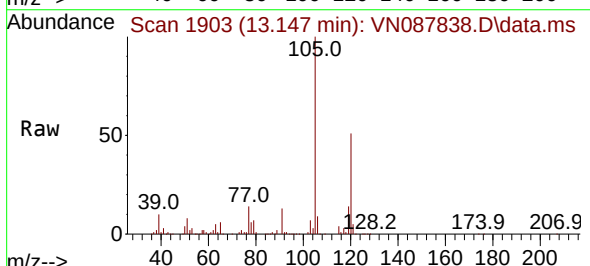
Acq: 15 Sep 2025 15:22

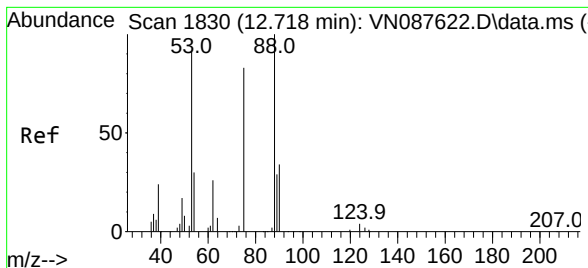
Tgt Ion: 105 Resp: 242748

Ion Ratio Lower Upper

105 100

120 50.5 23.2 69.6

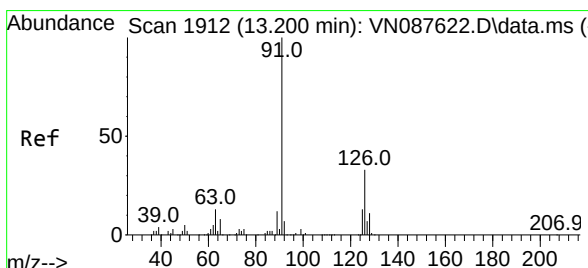
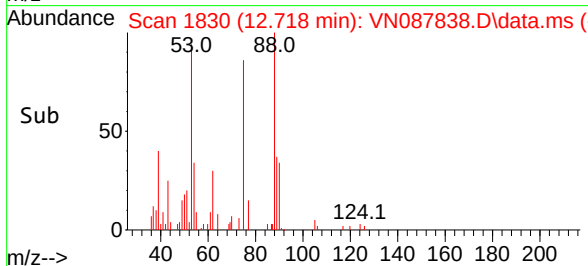
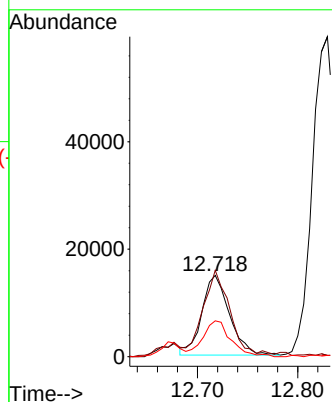
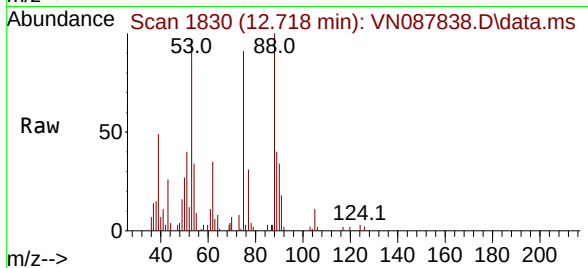




#81
trans-1,4-Dichloro-2-butene
Concen: 15.394 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

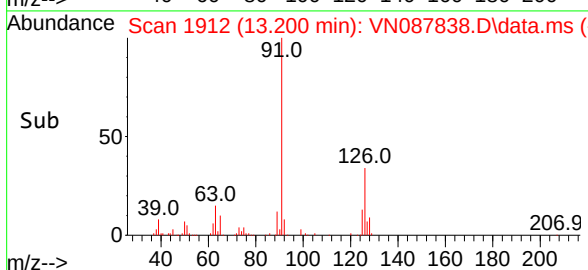
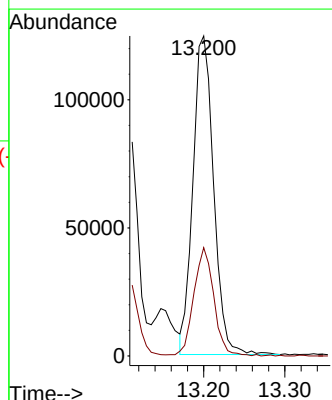
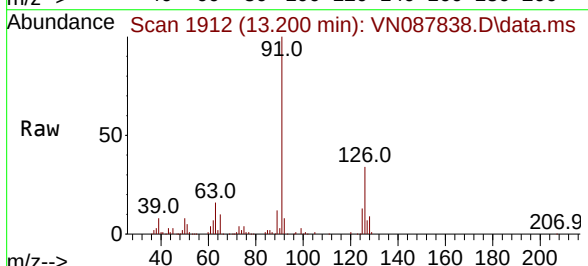
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

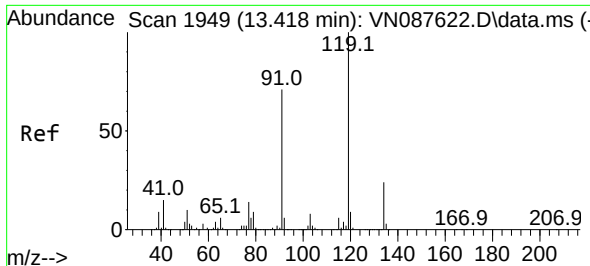
Tgt Ion: 75 Resp: 28398
Ion Ratio Lower Upper
75 100
53 101.1 101.8 152.6#
89 46.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 16.788 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 91 Resp: 220179
Ion Ratio Lower Upper
91 100
126 32.7 15.6 46.8

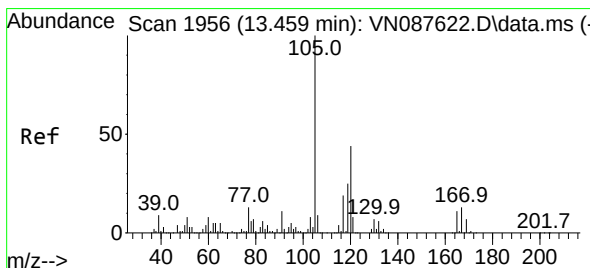
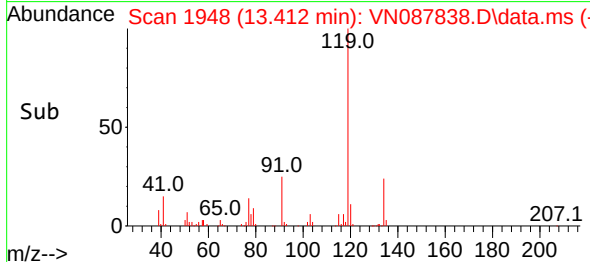
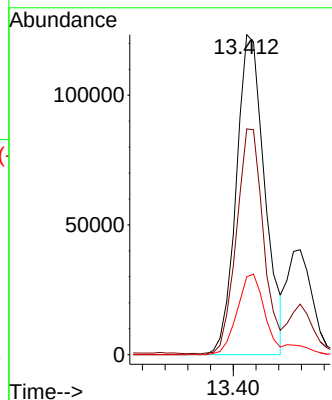
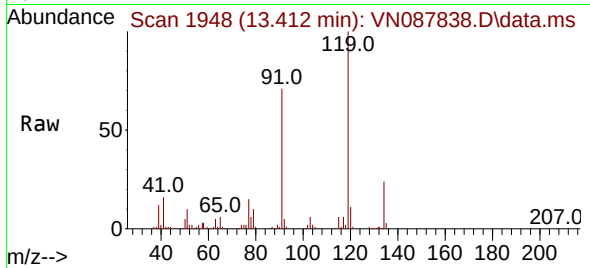




#83
 tert-Butylbenzene
 Concen: 18.055 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

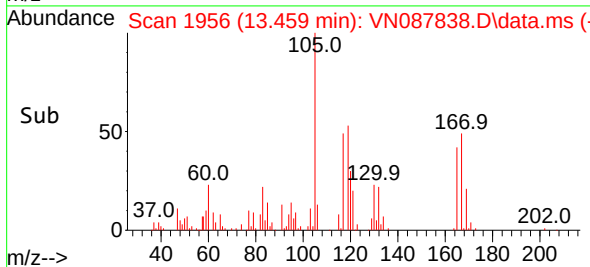
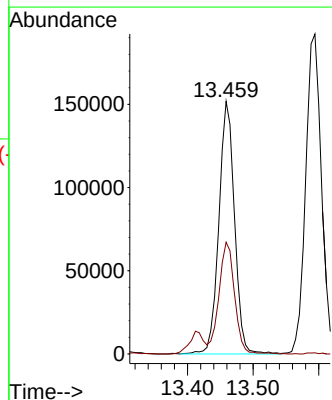
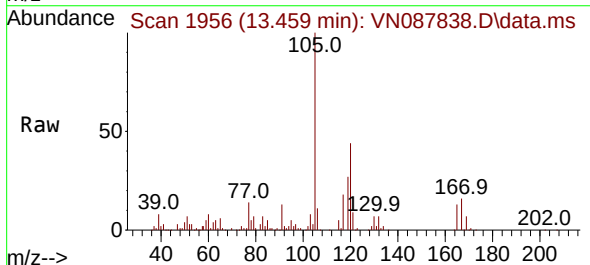
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBSD01

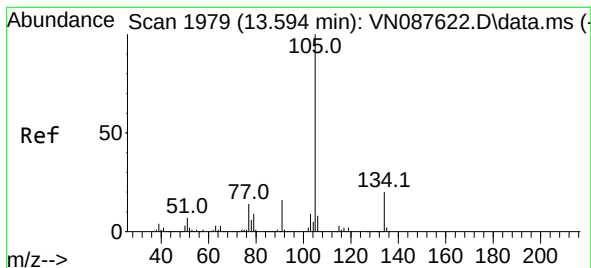
Tgt Ion:119 Resp: 214785
 Ion Ratio Lower Upper
 119 100
 91 66.7 35.0 105.0
 134 26.7 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.554 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion:105 Resp: 250871
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.142 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

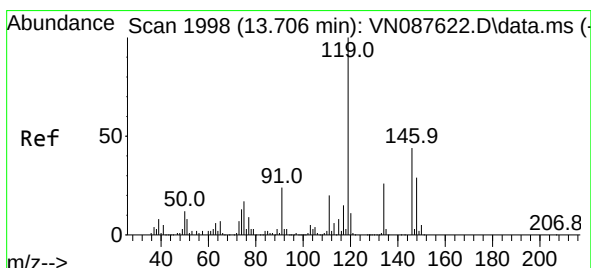
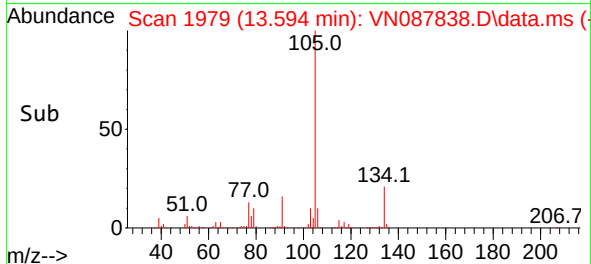
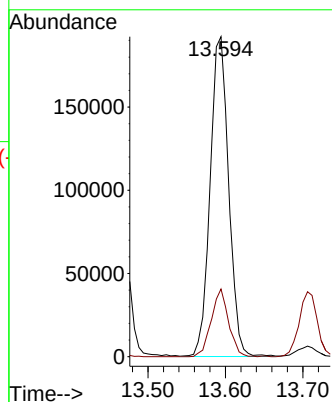
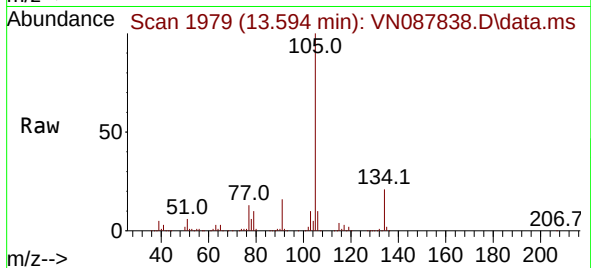
VN0915MBS01

Tgt Ion:105 Resp: 320280

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.6



#86

p-Isopropyltoluene

Concen: 17.643 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

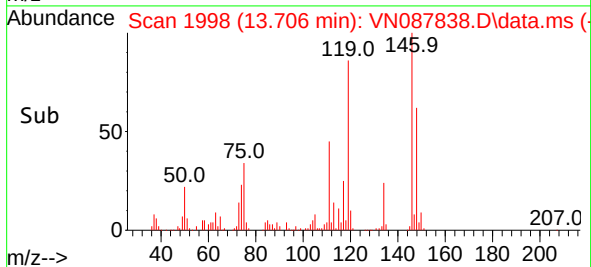
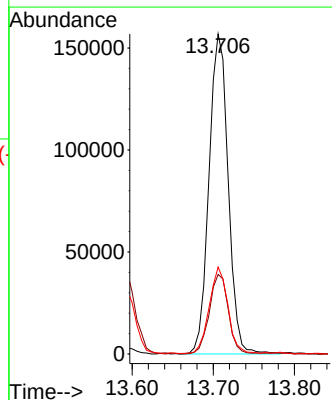
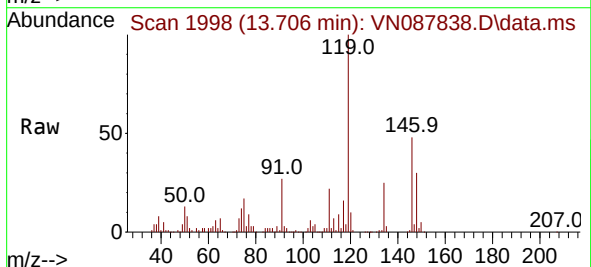
Tgt Ion:119 Resp: 257203

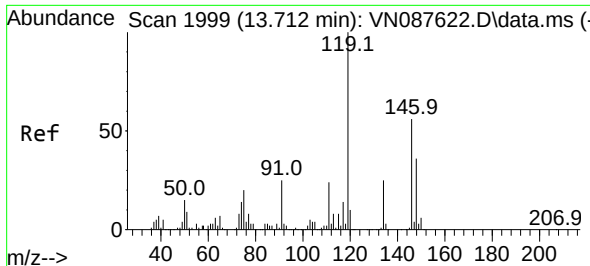
Ion Ratio Lower Upper

119 100

134 24.7 12.7 38.0

91 26.0 12.5 37.5

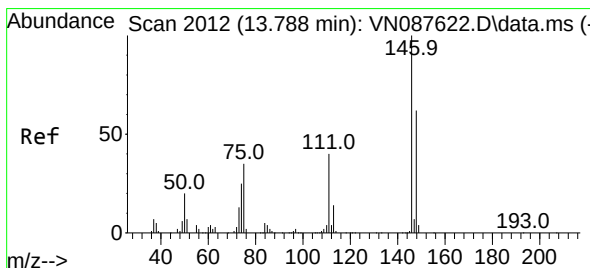
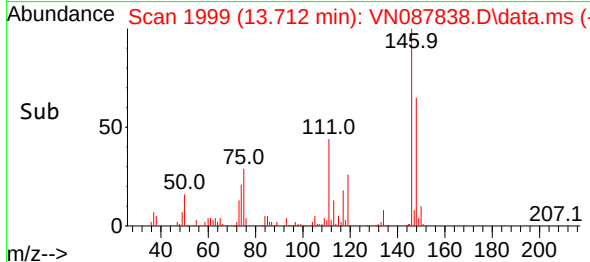
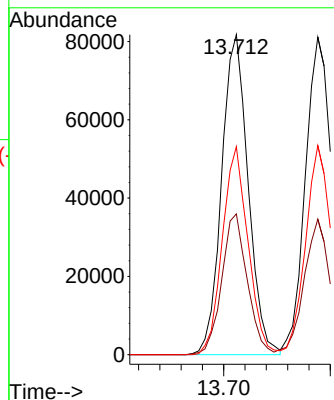
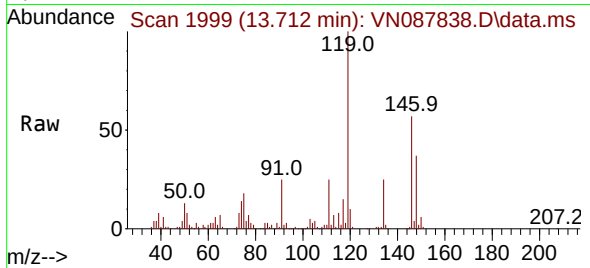




#87
 1,3-Dichlorobenzene
 Concen: 18.068 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

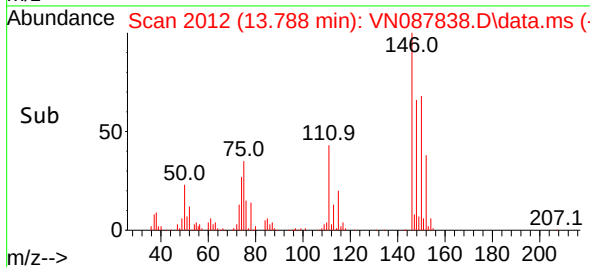
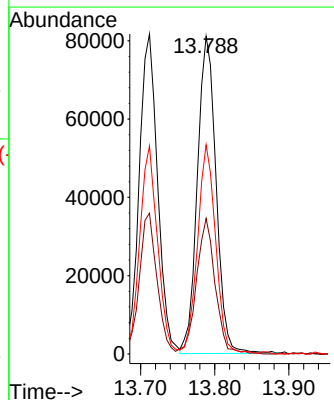
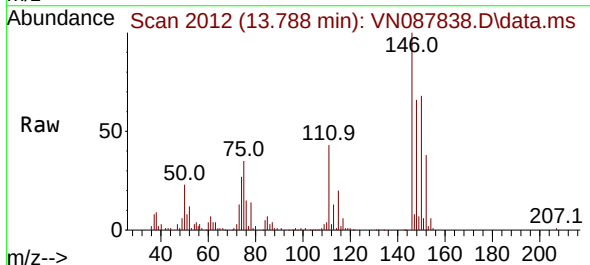
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

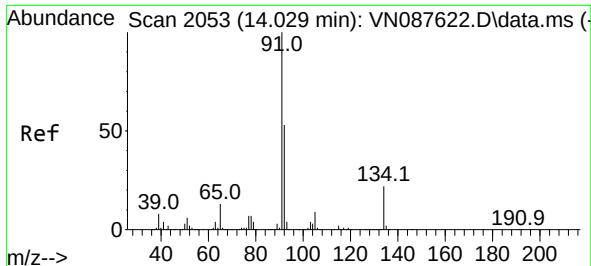
Tgt Ion:146 Resp: 141184
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.1 66.5
 148 63.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.487 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087838.D
 Acq: 15 Sep 2025 15:22

Tgt Ion:146 Resp: 142195
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.0 63.0
 148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 17.442 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBSD01

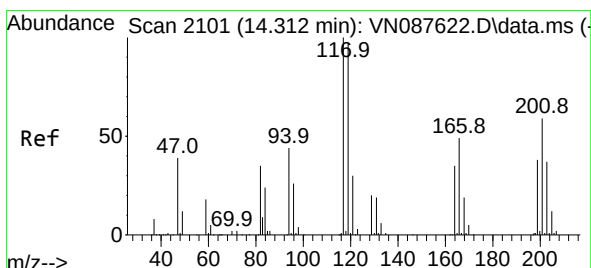
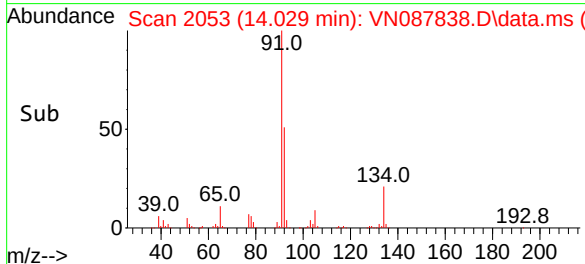
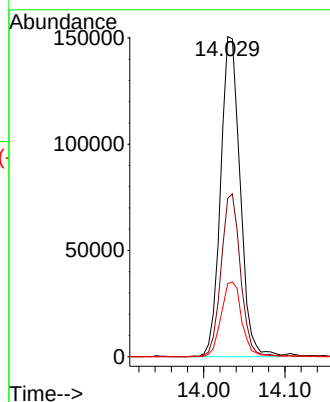
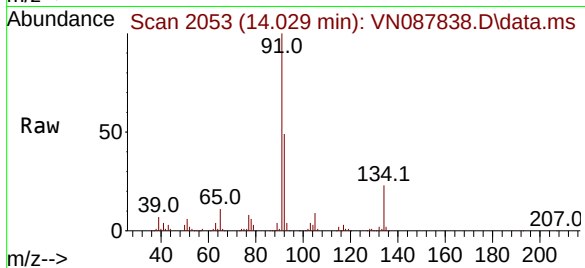
Tgt Ion: 91 Resp: 252526

Ion Ratio Lower Upper

91 100

92 50.5 25.9 77.8

134 24.6 11.7 35.0



#90

Hexachloroethane

Concen: 18.685 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087838.D

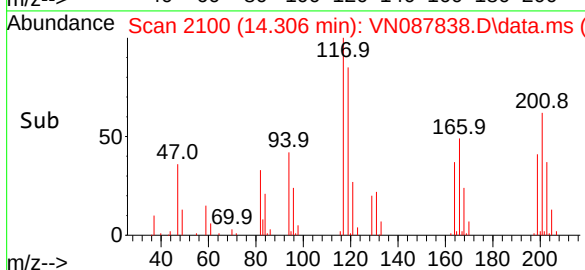
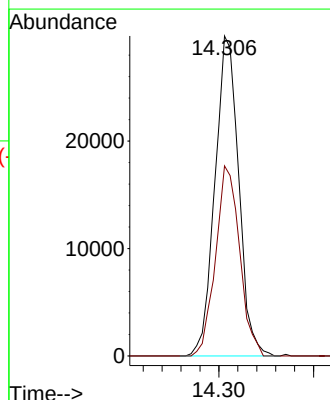
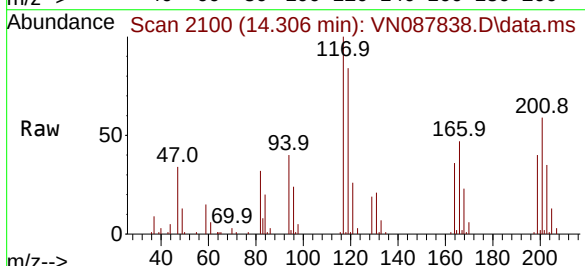
Acq: 15 Sep 2025 15:22

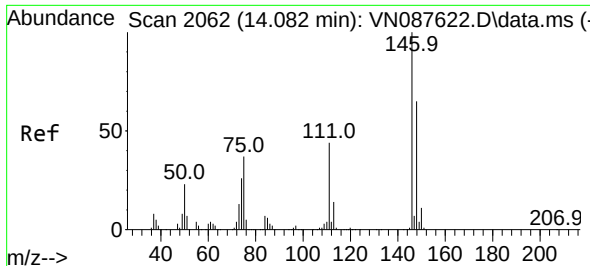
Tgt Ion: 117 Resp: 51894

Ion Ratio Lower Upper

117 100

201 60.1 29.1 87.4

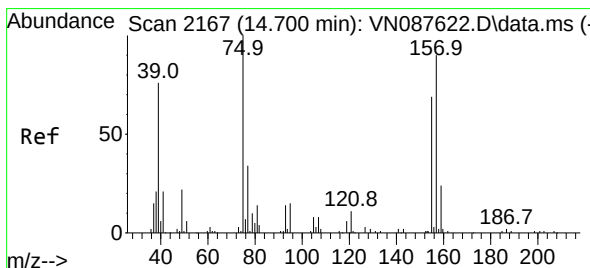
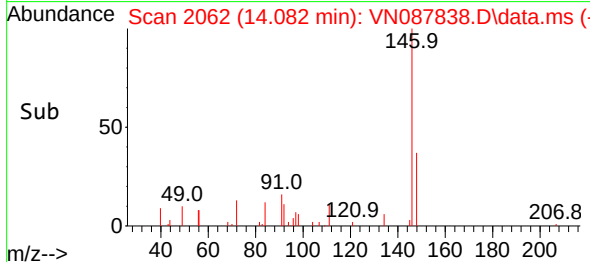
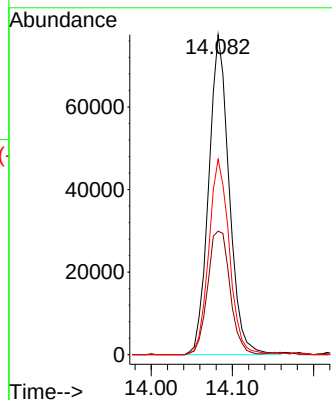
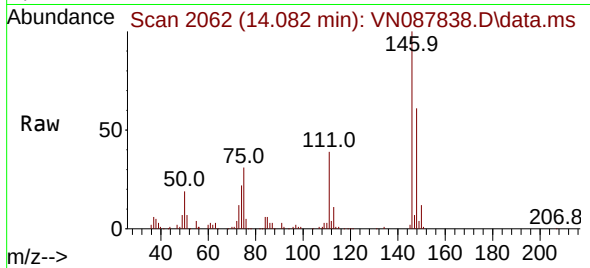




#91
1,2-Dichlorobenzene
Concen: 18.298 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

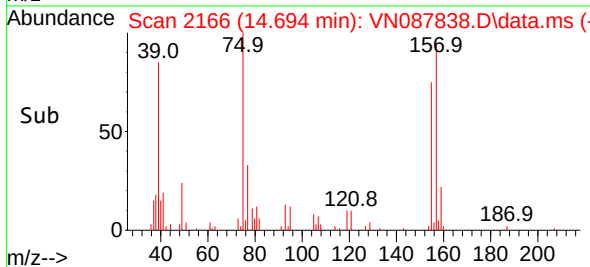
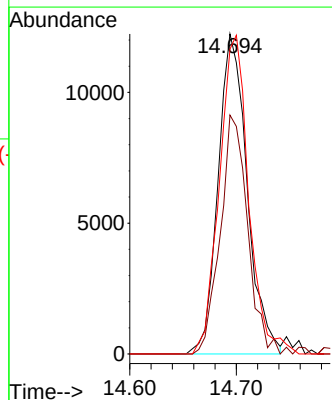
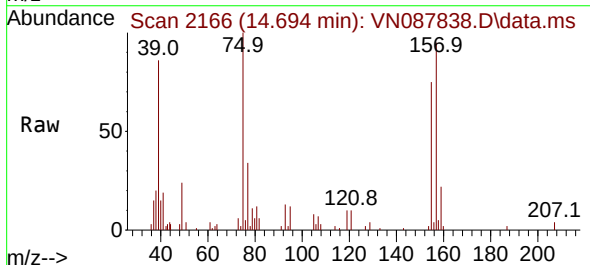
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBSD01

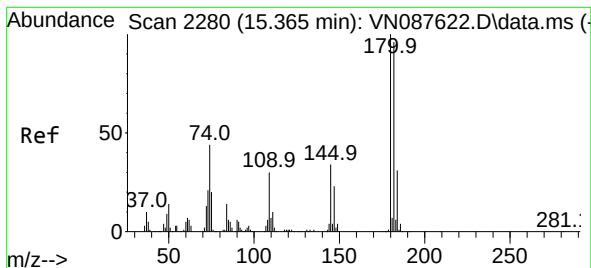
Tgt Ion:146 Resp: 135645
Ion Ratio Lower Upper
146 100
111 42.4 22.6 67.8
148 61.3 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.806 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087838.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 75 Resp: 23131
Ion Ratio Lower Upper
75 100
155 70.4 36.6 109.9
157 100.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.001 ug/l

RT: 15.371 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBSD01

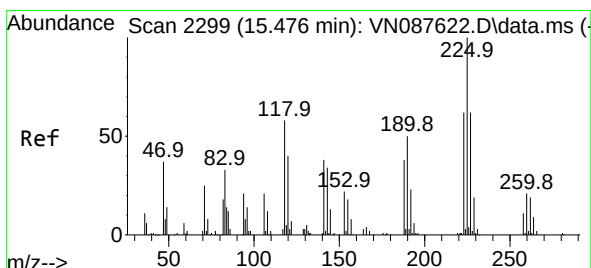
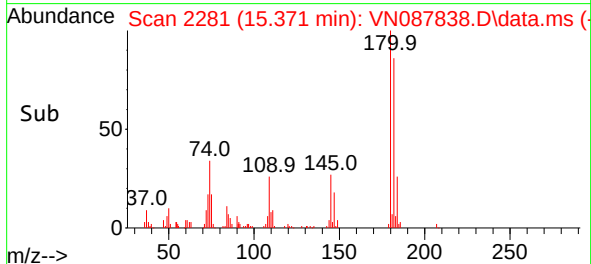
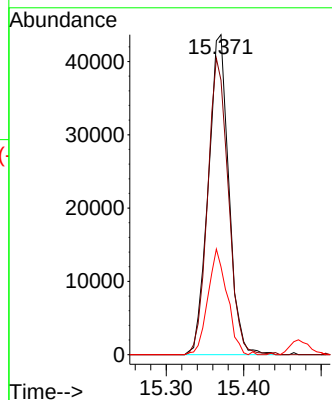
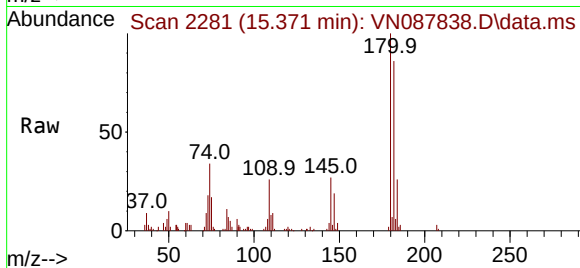
Tgt Ion:180 Resp: 80132

Ion Ratio Lower Upper

180 100

182 93.2 47.6 142.9

145 31.0 16.5 49.5



#94

Hexachlorobutadiene

Concen: 20.794 ug/l

RT: 15.471 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

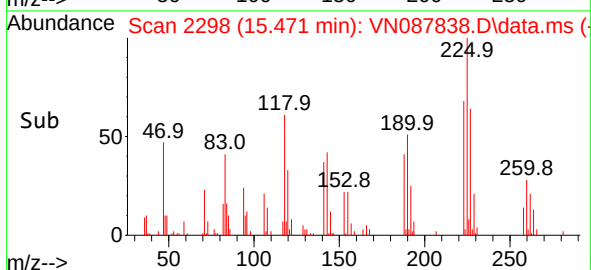
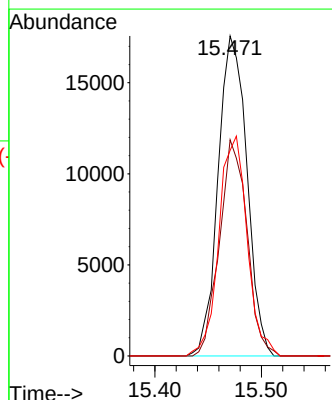
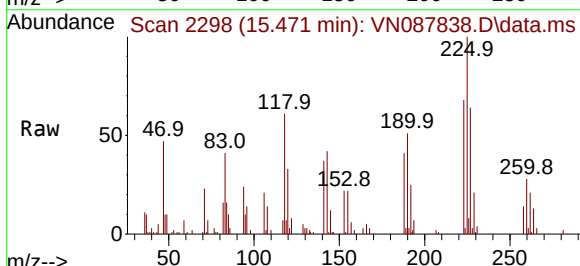
Tgt Ion:225 Resp: 33000

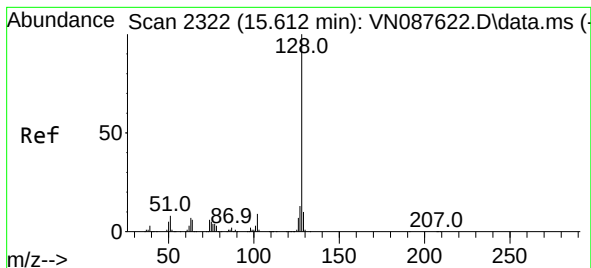
Ion Ratio Lower Upper

225 100

223 64.6 32.0 96.2

227 67.4 32.1 96.5





#95

Naphthalene

Concen: 16.008 ug/l

RT: 15.618 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBSD01

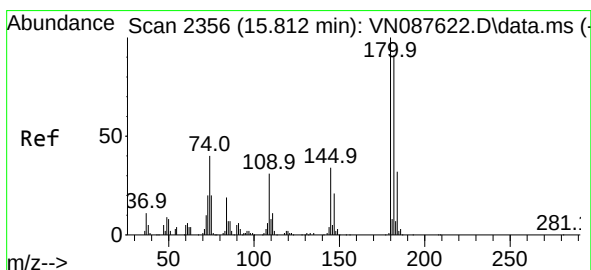
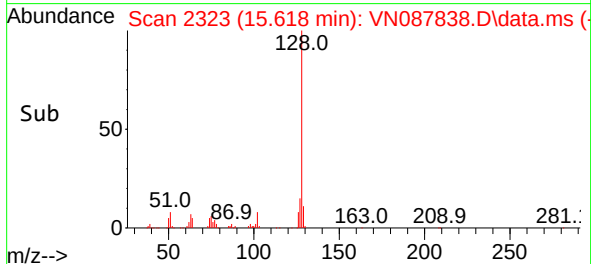
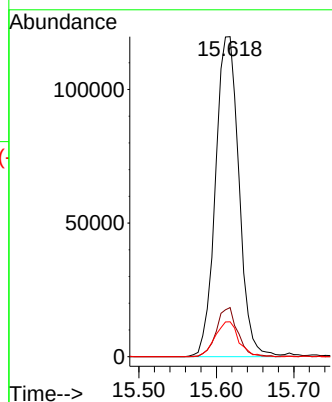
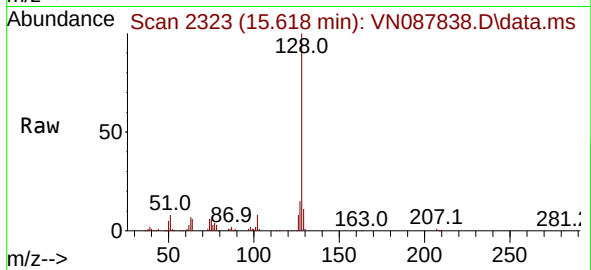
Tgt Ion:128 Resp: 252408

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.668 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087838.D

Acq: 15 Sep 2025 15:22

Tgt Ion:180 Resp: 76886

Ion Ratio Lower Upper

180 100

182 94.1 46.8 140.3

145 35.4 17.3 52.0

