

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087851.D
 Acq On : 16 Sep 2025 15:46
 Operator : JC\MD
 Sample : VN0916WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:21:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	229272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	392898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	209579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204194	43.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.940%
35) Dibromofluoromethane	8.147	113	152219	48.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.547	98	534604	45.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.829	95	193287	46.356	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61714	18.952	ug/l	99
3) Chloromethane	2.383	50	61485	18.373	ug/l	96
4) Vinyl Chloride	2.536	62	71328	18.383	ug/l	90
5) Bromomethane	2.983	94	39000	19.480	ug/l	87
6) Chloroethane	3.136	64	46084	16.899	ug/l	94
7) Trichlorofluoromethane	3.512	101	111716	19.652	ug/l	96
8) Diethyl Ether	3.959	74	40444	16.336	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	59552	18.514	ug/l	97
10) Methyl Iodide	4.577	142	35235	19.471	ug/l	97
11) Tert butyl alcohol	5.524	59	75759	92.898	ug/l	95
12) 1,1-Dichloroethene	4.330	96	58163	17.596	ug/l	90
13) Acrolein	4.177	56	74339	74.149	ug/l	100
14) Allyl chloride	5.012	41	90094	15.040	ug/l	93
15) Acrylonitrile	5.706	53	204541	88.934	ug/l	97
16) Acetone	4.424	43	183819	71.883	ug/l	96
17) Carbon Disulfide	4.706	76	170001	18.681	ug/l	100
18) Methyl Acetate	5.018	43	99443	18.573	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	210306	16.960	ug/l	98
20) Methylene Chloride	5.265	84	70838	18.366	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	63180	17.636	ug/l	90
22) Diisopropyl ether	6.659	45	220735	17.076	ug/l	95
23) Vinyl Acetate	6.589	43	882321	75.024	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123788	17.466	ug/l	97
25) 2-Butanone	7.471	43	283126	84.156	ug/l	100
26) 2,2-Dichloropropane	7.471	77	101171	16.632	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	77871	18.182	ug/l	98
28) Bromochloromethane	7.794	49	59450	17.350	ug/l	90
29) Tetrahydrofuran	7.824	42	179559	82.933	ug/l	97
30) Chloroform	7.947	83	129921	17.959	ug/l	98
31) Cyclohexane	8.236	56	107126	18.131	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	110851	18.081	ug/l	98
36) 1,1-Dichloropropene	8.353	75	86206	17.938	ug/l	98
37) Ethyl Acetate	7.542	43	108447	16.514	ug/l #	94
38) Carbon Tetrachloride	8.341	117	93570	19.721	ug/l	91
39) Methylcyclohexane	9.583	83	97980	18.519	ug/l	96
40) Benzene	8.588	78	278225	18.876	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	59964	17.628	ug/l	98
42) 1,2-Dichloroethane	8.653	62	101742	17.962	ug/l	99
43) Isopropyl Acetate	8.677	43	179617	17.519	ug/l	97
44) Trichloroethene	9.335	130	66656	19.807	ug/l	97
45) 1,2-Dichloropropane	9.606	63	71366	18.369	ug/l	97
46) Dibromomethane	9.688	93	53658	19.408	ug/l	96
47) Bromodichloromethane	9.871	83	108569	19.160	ug/l #	94
48) Methyl methacrylate	9.665	41	82168	16.943	ug/l	98
49) 1,4-Dioxane	9.677	88	21945	349.128	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	569808	92.115	ug/l	100
52) Toluene	10.612	92	170728	18.684	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	107103	18.261	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	108830	17.870	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	71066	20.104	ug/l	92
56) Ethyl methacrylate	10.859	69	100359	17.765	ug/l	98
57) 1,3-Dichloropropane	11.141	76	119059	19.031	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	263312	86.115	ug/l	96
59) 2-Hexanone	11.177	43	349848	89.488	ug/l	99
60) Dibromochloromethane	11.335	129	78365	19.133	ug/l	100
61) 1,2-Dibromoethane	11.447	107	69424	18.625	ug/l	96
64) Tetrachloroethene	11.082	164	53603	19.664	ug/l	93
65) Chlorobenzene	11.871	112	185603	18.988	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65603	20.216	ug/l	99
67) Ethyl Benzene	11.941	91	316873	18.723	ug/l	98
68) m/p-Xylenes	12.047	106	243049	39.158	ug/l	96
69) o-Xylene	12.376	106	118378	19.462	ug/l	96
70) Styrene	12.388	104	193858	19.023	ug/l	97
71) Bromoform	12.553	173	52426	21.065	ug/l #	98
73) Isopropylbenzene	12.671	105	294667	17.400	ug/l	99
74) N-amyl acetate	12.541	43	11141	1.736	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.918	83	107892	18.504	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	134236	27.313	ug/l	62
77) Bromobenzene	12.959	156	75614	18.936	ug/l	93
78) n-propylbenzene	13.012	91	377345	18.089	ug/l	100
79) 2-Chlorotoluene	13.106	91	218388	17.397	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	255538	17.787	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	29446	15.861	ug/l	89
82) 4-Chlorotoluene	13.200	91	227013	17.200	ug/l	97
83) tert-Butylbenzene	13.412	119	221104	18.468	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	259126	18.018	ug/l	100
85) sec-Butylbenzene	13.594	105	326968	18.404	ug/l	99
86) p-Isopropyltoluene	13.706	119	276556	18.851	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	147792	18.795	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	148845	18.189	ug/l	98
89) n-Butylbenzene	14.035	91	257806	17.694	ug/l	99
90) Hexachloroethane	14.306	117	53872	19.275	ug/l	88
91) 1,2-Dichlorobenzene	14.082	146	143628	19.253	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23465	16.941	ug/l	91
93) 1,2,4-Trichlorobenzene	15.365	180	85112	18.999	ug/l	98
94) Hexachlorobutadiene	15.470	225	33396	20.911	ug/l	97
95) Naphthalene	15.617	128	273883	17.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	81446	18.597	ug/l	98

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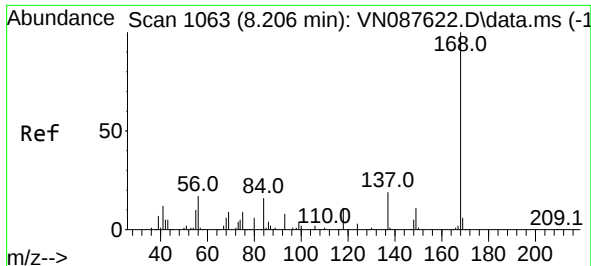
Quant Time: Sep 17 01:21:59 2025
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QLast Update : Fri Aug 22 02:55:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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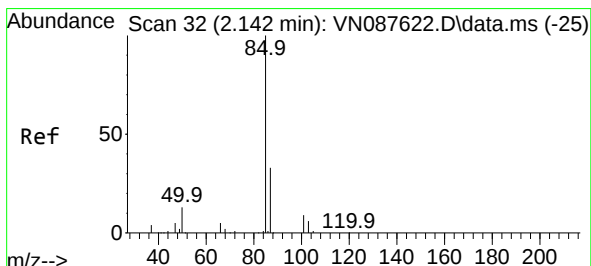
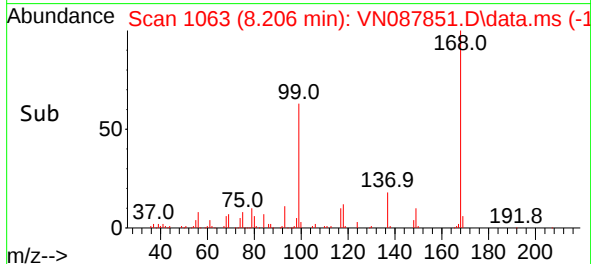
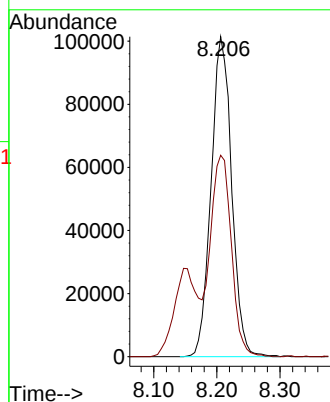
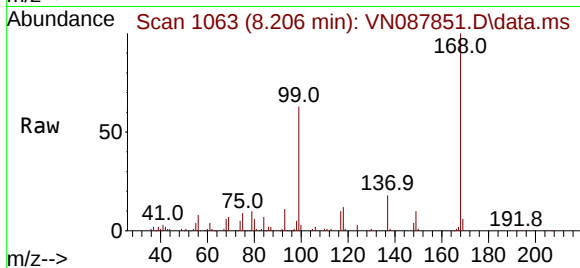




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087851.D
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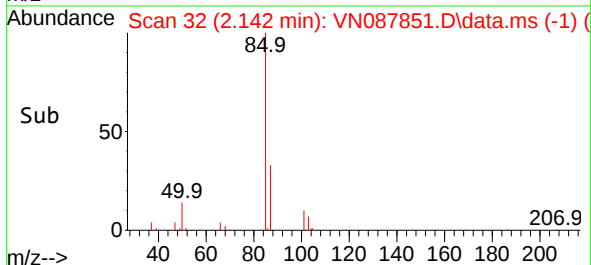
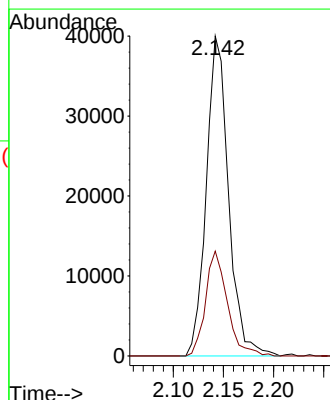
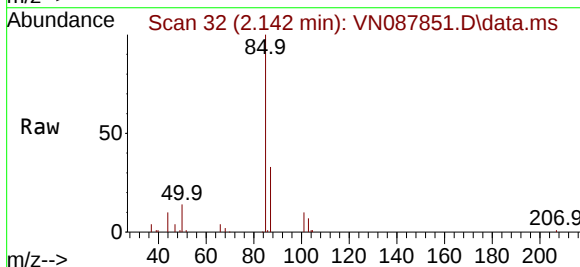
Instrument :
MSVOA_N
ClientSampleId :

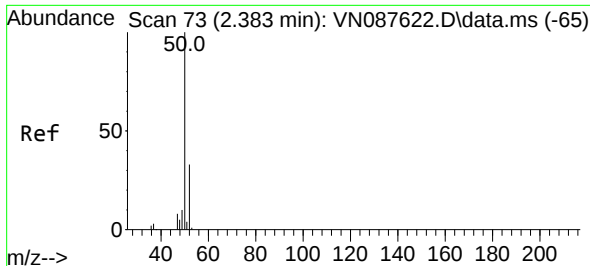
Tgt Ion:168 Resp: 229272
Ion Ratio Lower Upper
168 100
99 63.0 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.952 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

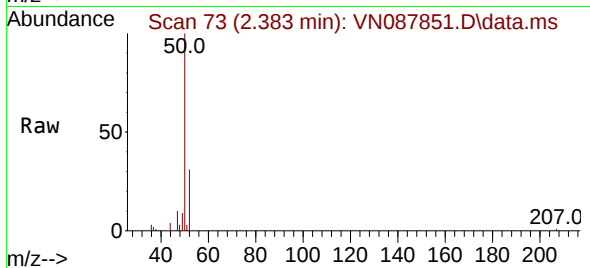
Tgt Ion: 85 Resp: 61714
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.8



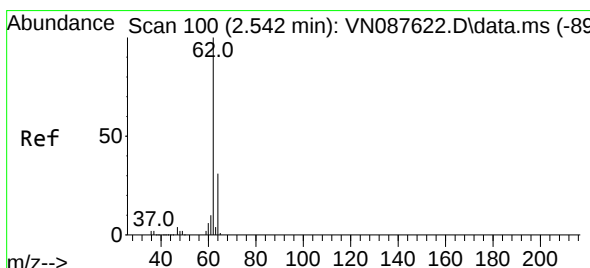
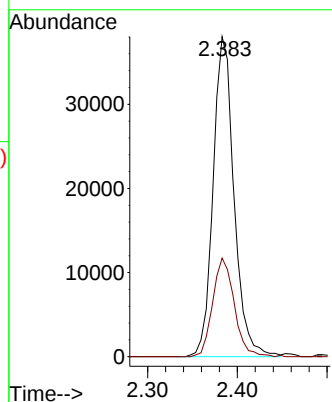
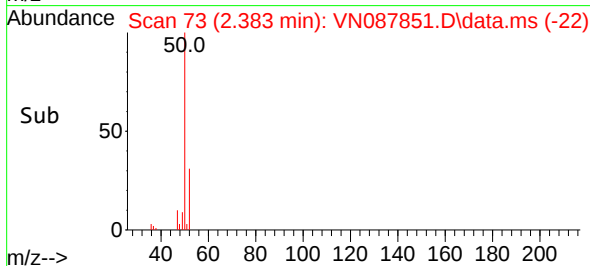


#3
Chloromethane
Concen: 18.373 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

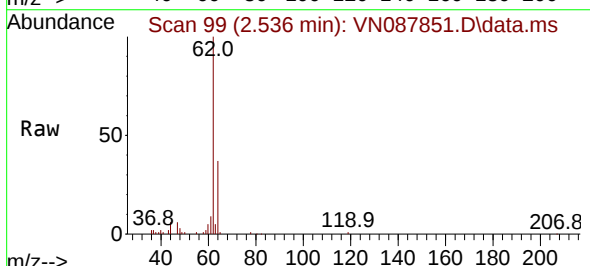
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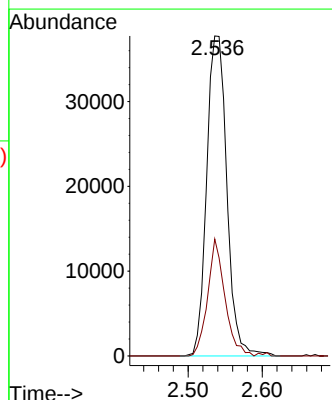
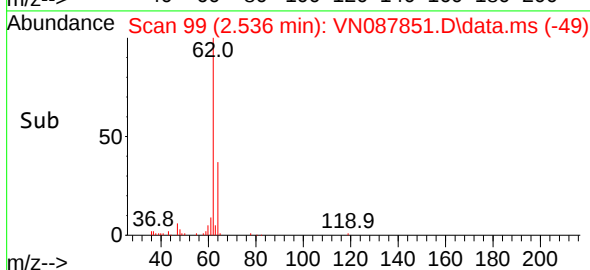
Tgt Ion: 50 Resp: 61485
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.4

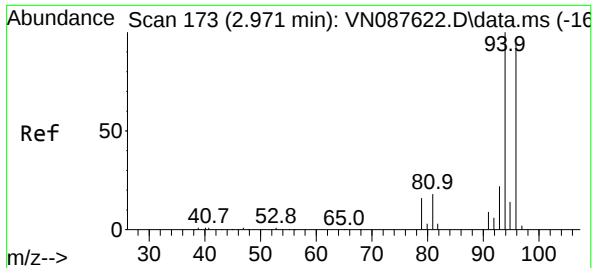


#4
Vinyl Chloride
Concen: 18.383 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46



Tgt Ion: 62 Resp: 71328
Ion Ratio Lower Upper
62 100
64 36.5 24.6 37.0

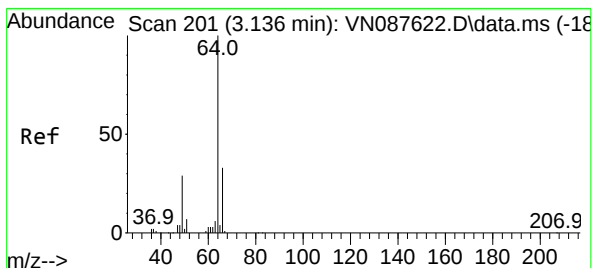
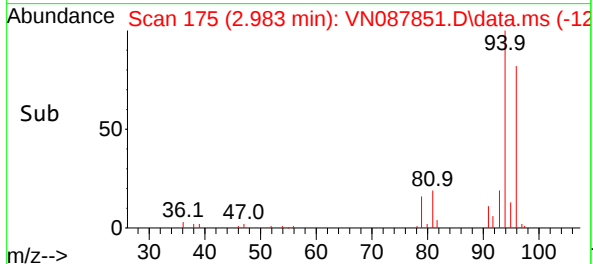
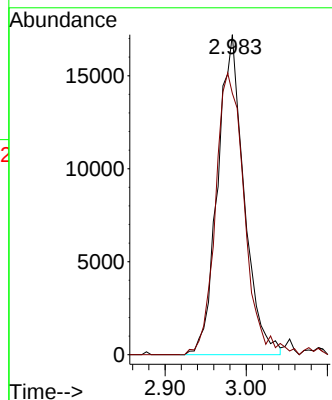
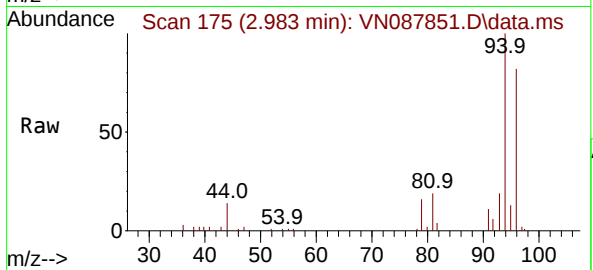




#5
Bromomethane
Concen: 19.480 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

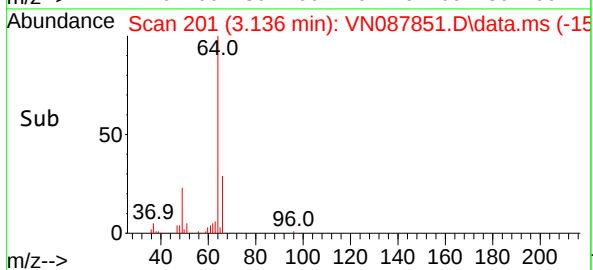
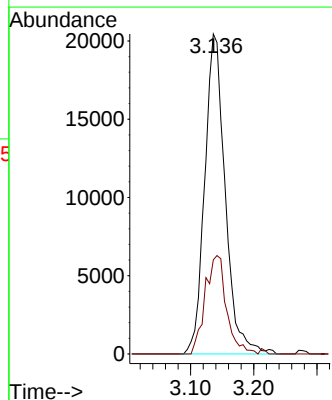
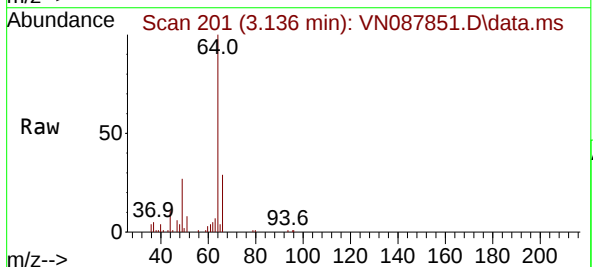
Instrument :
MSVOA_N
ClientSampleId :

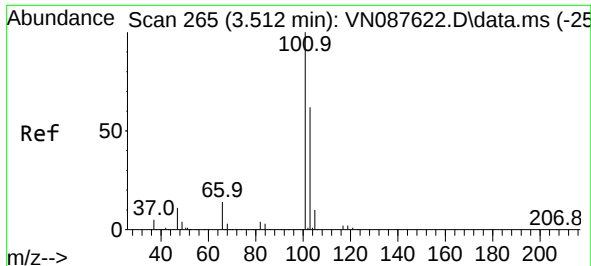
Tgt Ion: 94 Resp: 39000
Ion Ratio Lower Upper
94 100
96 81.6 75.4 113.2



#6
Chloroethane
Concen: 16.899 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

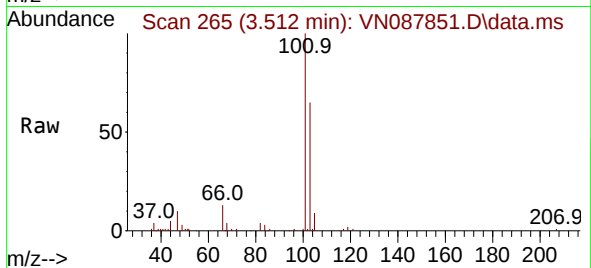
Tgt Ion: 64 Resp: 46084
Ion Ratio Lower Upper
64 100
66 29.4 26.2 39.2



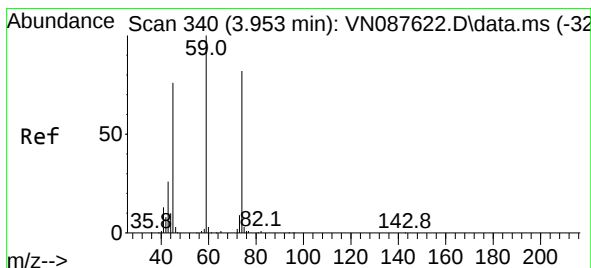
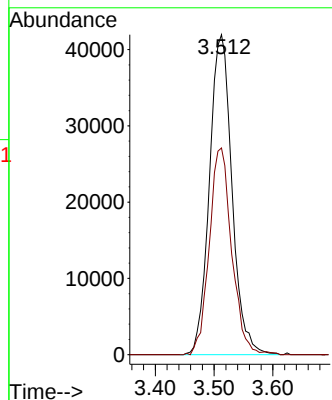
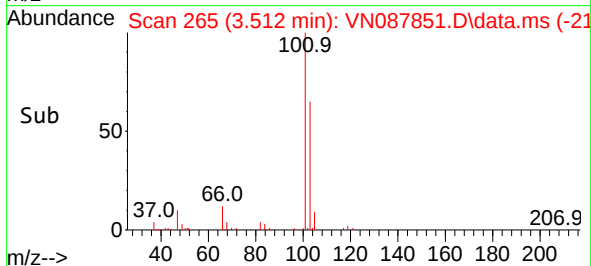


#7
 Trichlorofluoromethane
 Concen: 19.652 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

Instrument :
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 ClientSampleId :

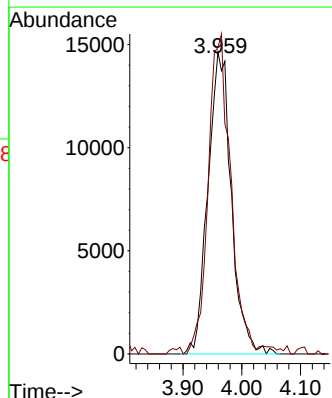
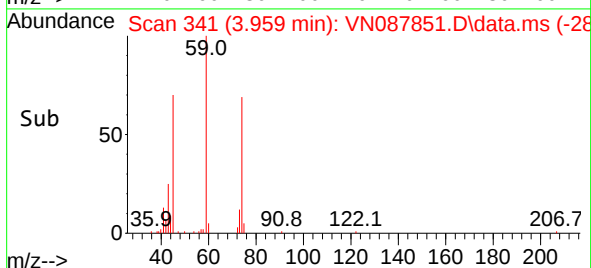
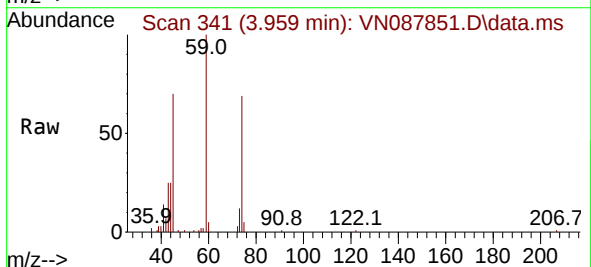


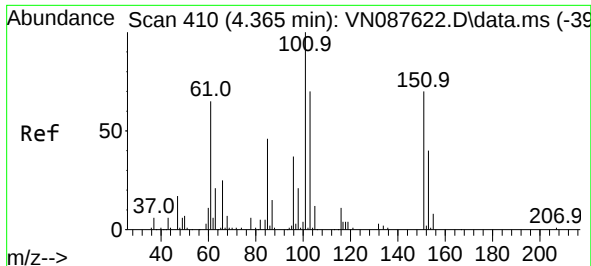
Tgt Ion:101 Resp: 111716
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.4 74.0



#8
 Diethyl Ether
 Concen: 16.336 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

Tgt Ion: 74 Resp: 40444
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.6 151.9

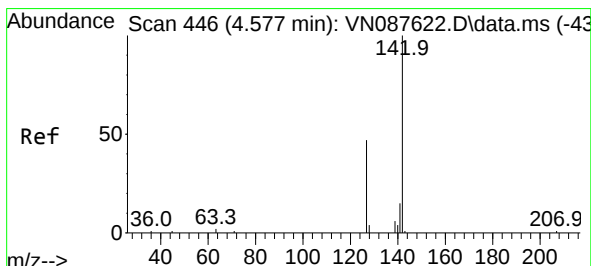
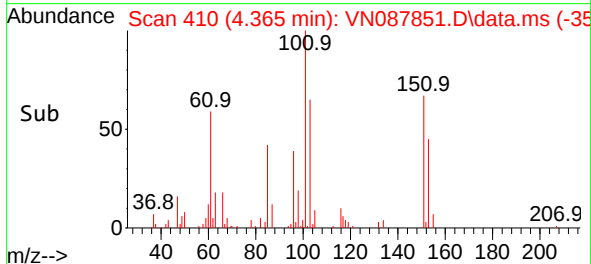
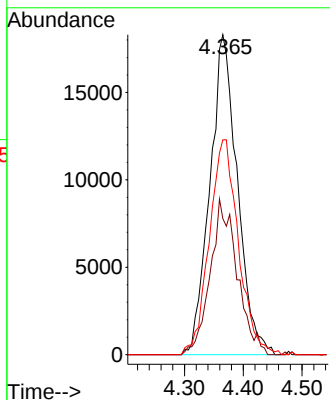
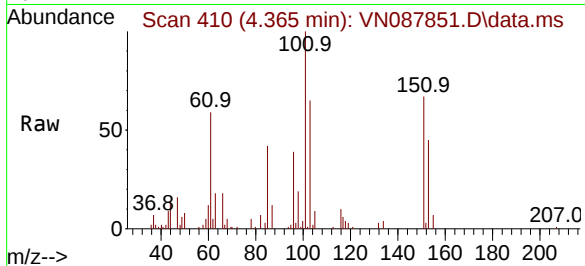




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.514 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087851.D
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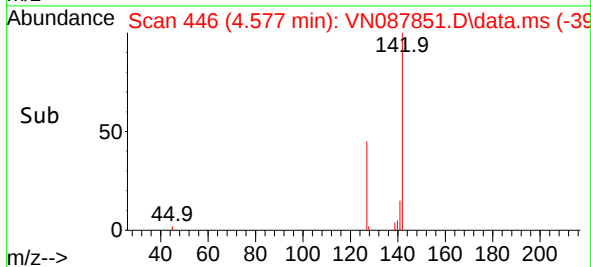
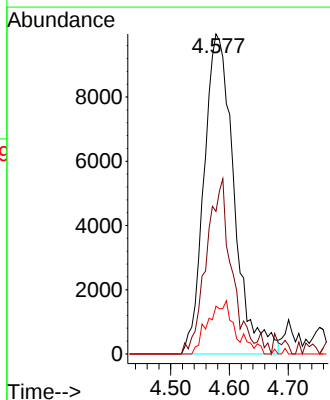
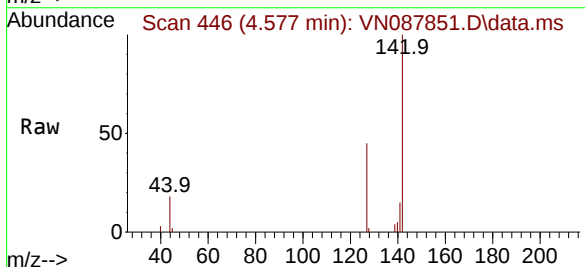
Instrument :
MSVOA_N
ClientSampleId :

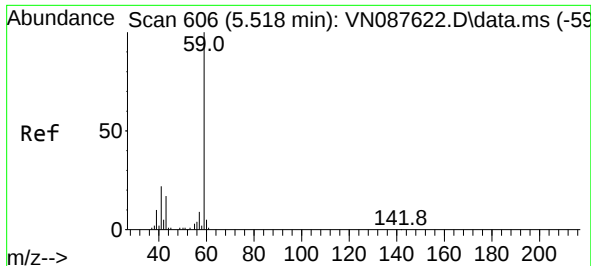
Tgt Ion:101 Resp: 59552
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 71.1 54.7 82.1



#10
Methyl Iodide
Concen: 19.471 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:142 Resp: 35235
Ion Ratio Lower Upper
142 100
127 44.5 38.0 57.0
141 14.9 12.0 18.0

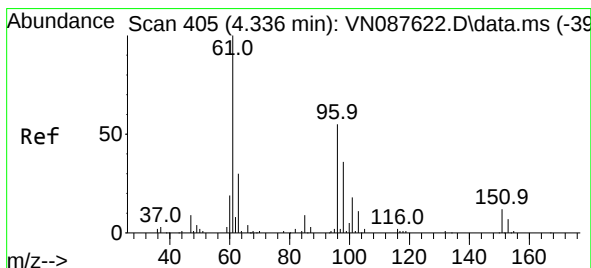
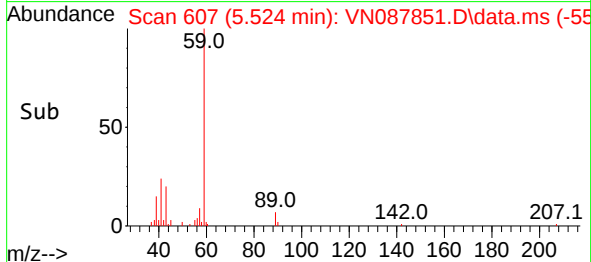
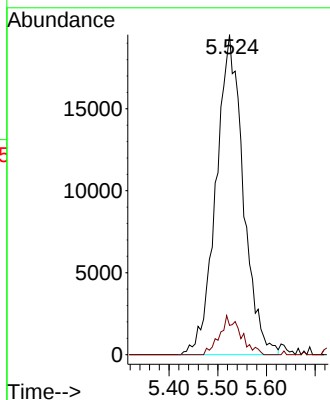
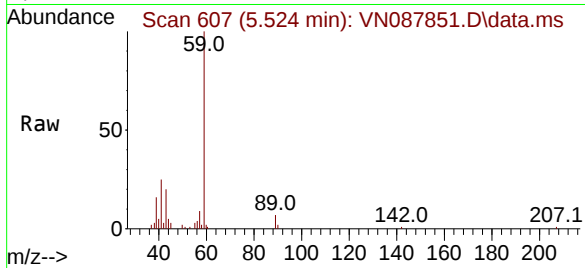




#11
Tert butyl alcohol
Concen: 92.898 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

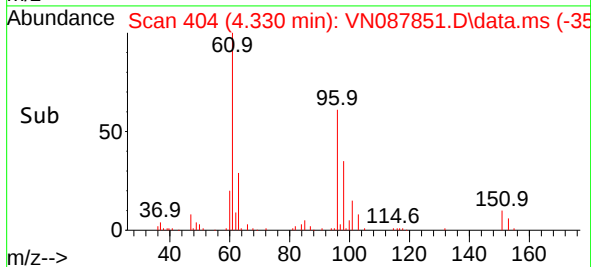
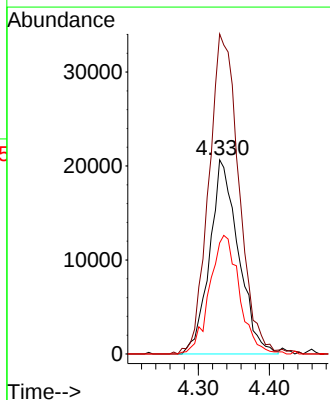
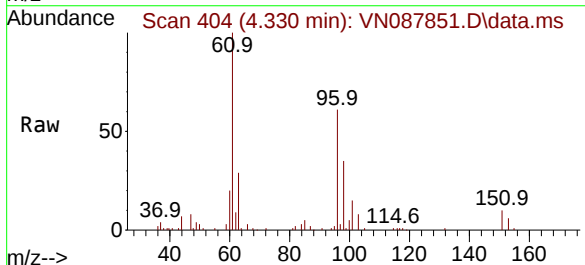
Instrument :
MSVOA_N
ClientSampleId :

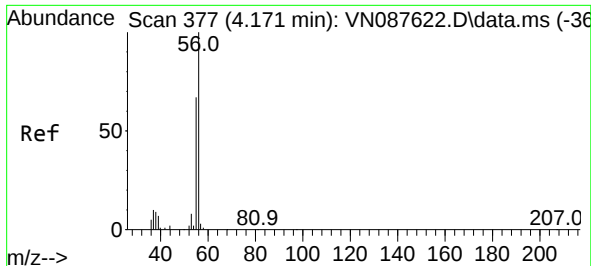
Tgt Ion: 59 Resp: 75759
Ion Ratio Lower Upper
59 100
57 9.4 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.596 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 96 Resp: 58163
Ion Ratio Lower Upper
96 100
61 164.9 143.8 215.8
98 57.2 52.1 78.1





#13

Acrolein

Concen: 74.149 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

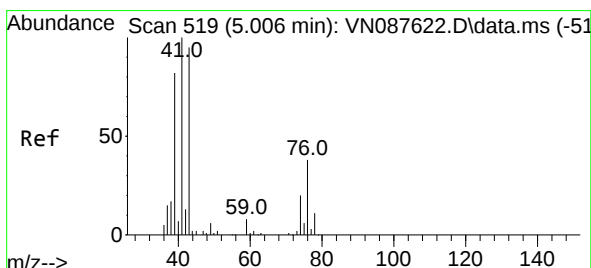
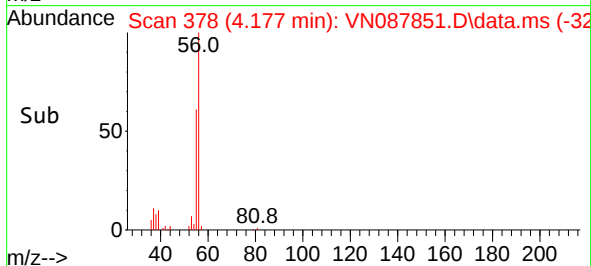
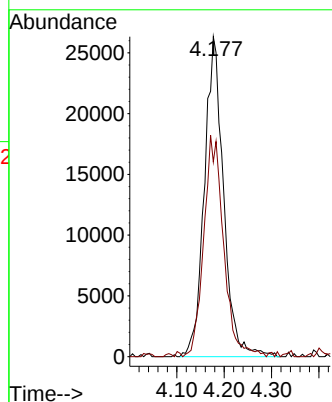
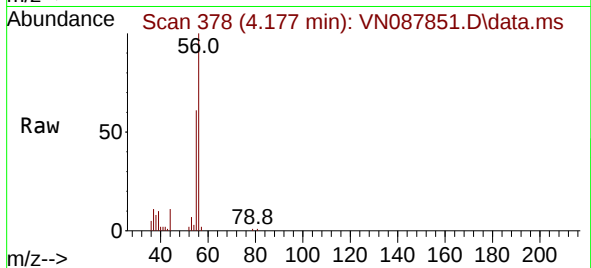
ClientSampleId :

Tgt Ion: 56 Resp: 74339

Ion Ratio Lower Upper

56 100

55 71.4 57.3 85.9



#14

Allyl chloride

Concen: 15.040 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

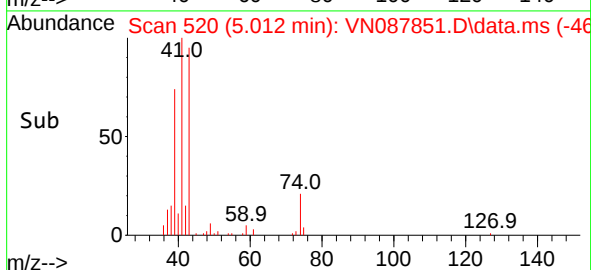
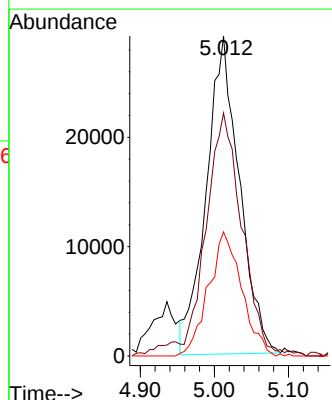
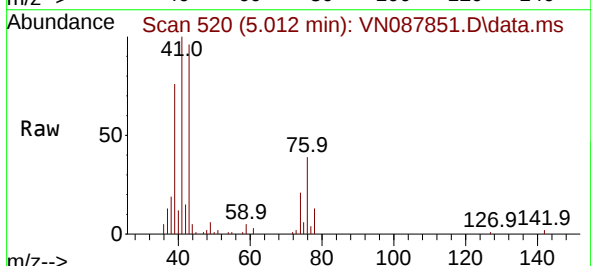
Tgt Ion: 41 Resp: 90094

Ion Ratio Lower Upper

41 100

39 85.6 63.9 95.9

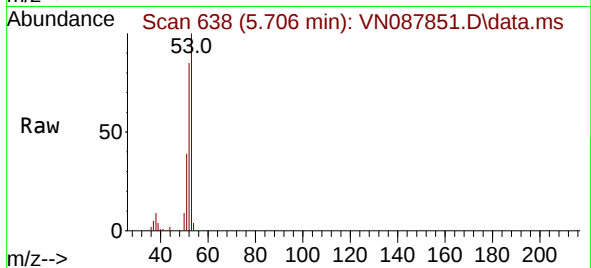
76 39.4 28.1 42.1



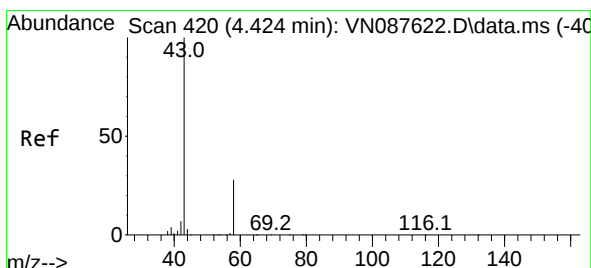
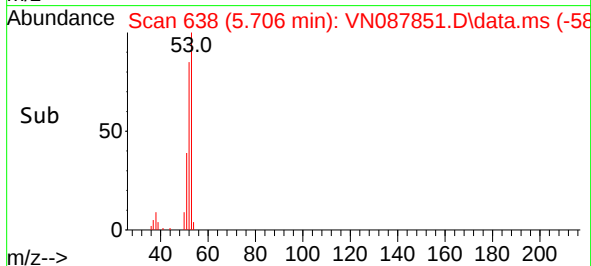
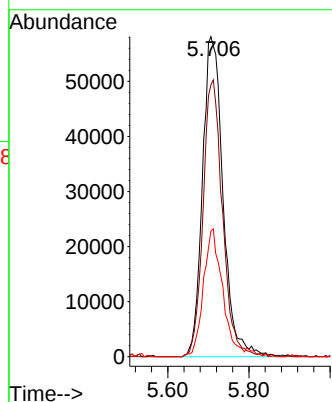


#15
Acrylonitrile
Concen: 88.934 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Instrument :
MSVOA_N
ClientSampleId :

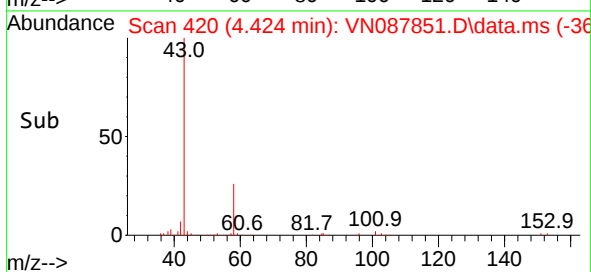
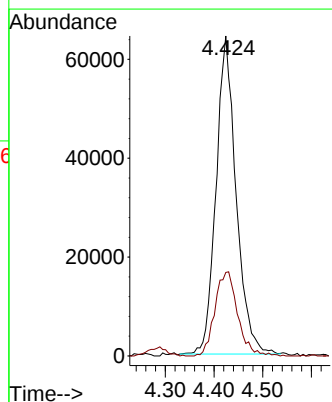
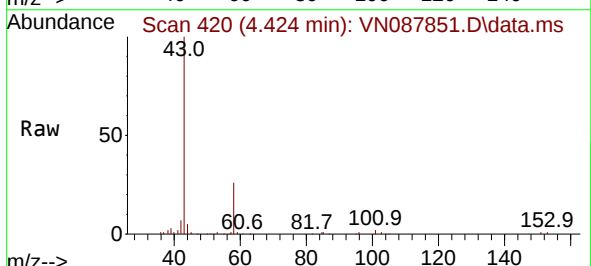


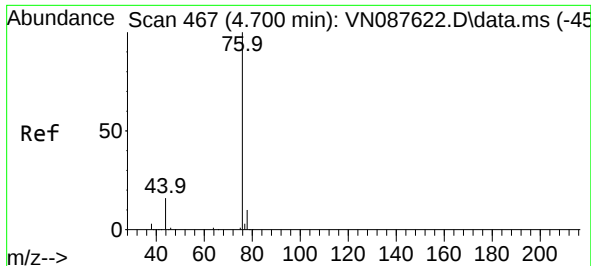
Tgt Ion: 53 Resp: 204541
Ion Ratio Lower Upper
53 100
52 81.5 67.6 101.4
51 36.9 30.1 45.1



#16
Acetone
Concen: 71.883 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 43 Resp: 183819
Ion Ratio Lower Upper
43 100
58 26.3 22.6 33.8

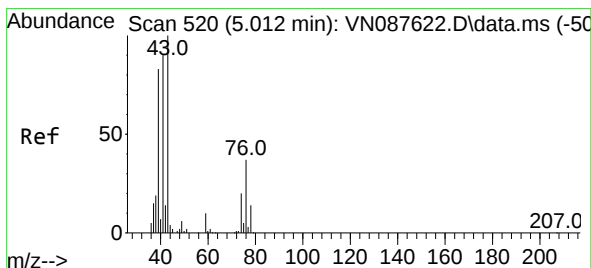
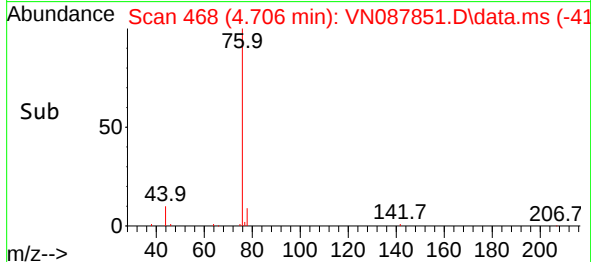
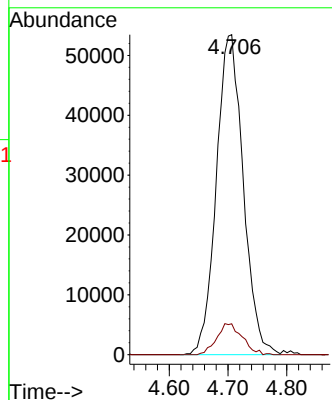
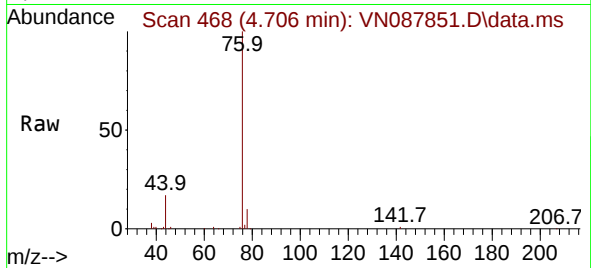




#17
Carbon Disulfide
Concen: 18.681 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

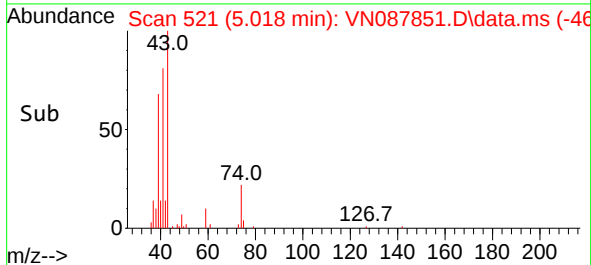
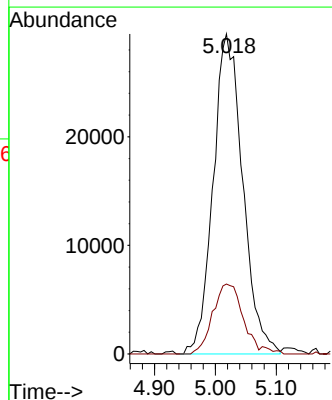
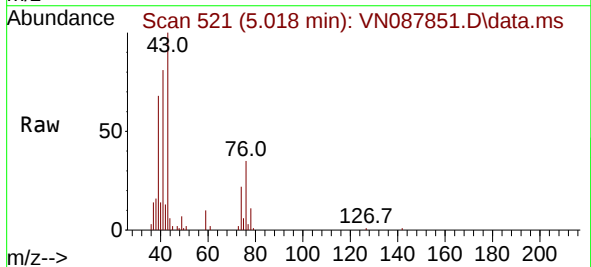
Instrument :
MSVOA_N
ClientSampleId :

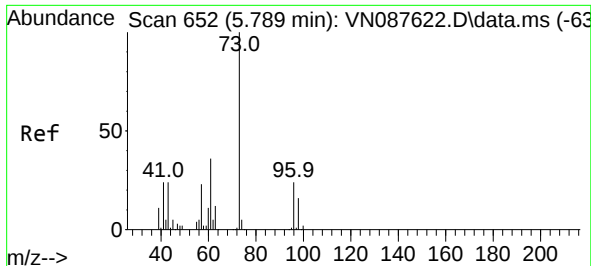
Tgt Ion: 76 Resp: 170001
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4



#18
Methyl Acetate
Concen: 18.573 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 43 Resp: 99443
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4

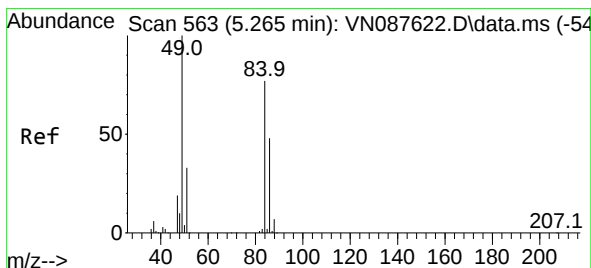
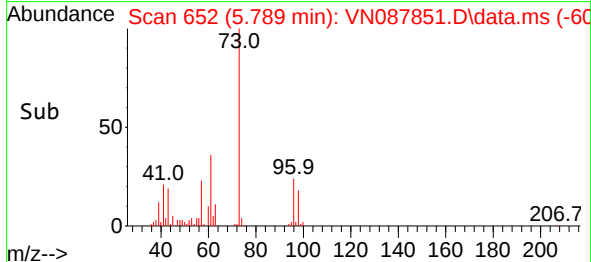
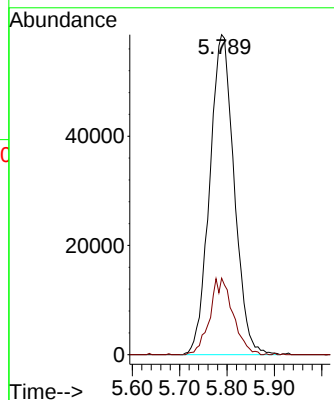
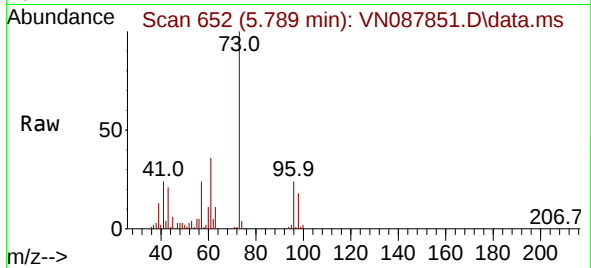




#19
Methyl tert-butyl Ether
Concen: 16.960 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

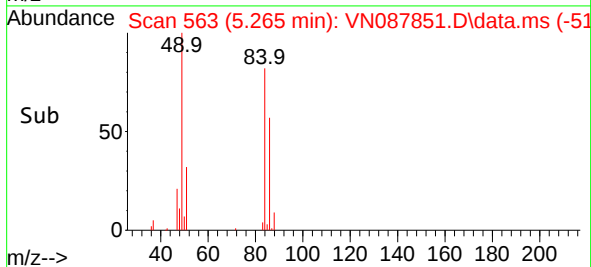
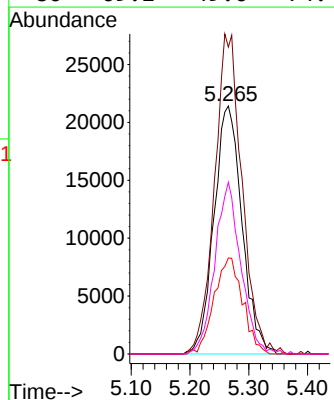
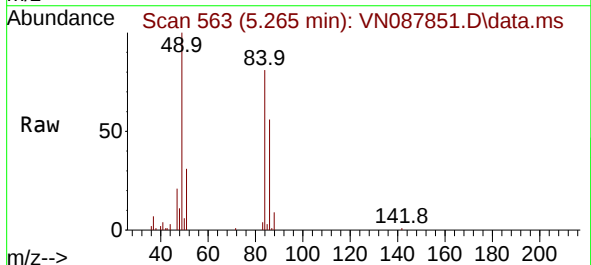
Instrument :
MSVOA_N
ClientSampleId :

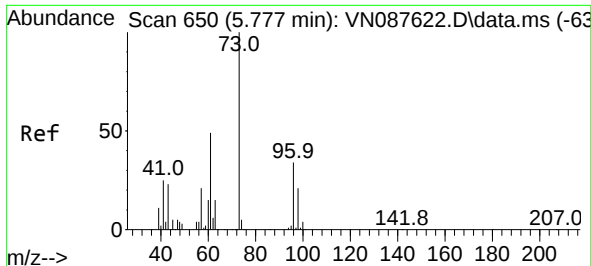
Tgt Ion: 73 Resp: 210306
Ion Ratio Lower Upper
73 100
57 23.9 18.4 27.6



#20
Methylene Chloride
Concen: 18.366 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 84 Resp: 70838
Ion Ratio Lower Upper
84 100
49 123.7 103.4 155.2
51 38.7 33.8 50.8
86 69.2 49.6 74.4

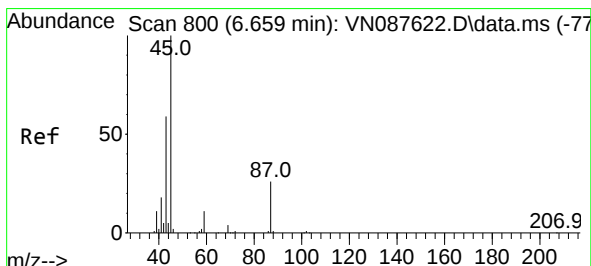
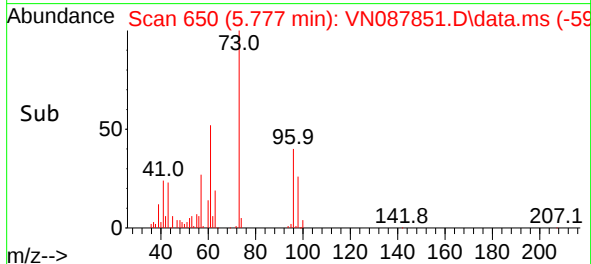
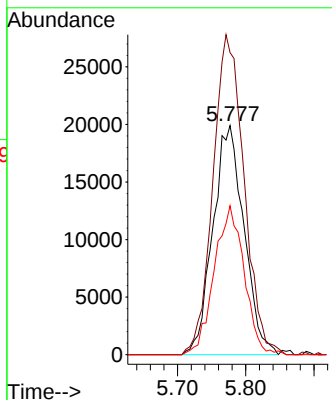
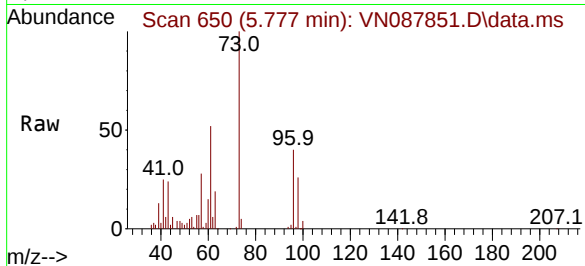




#21
trans-1,2-Dichloroethene
Concen: 17.636 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

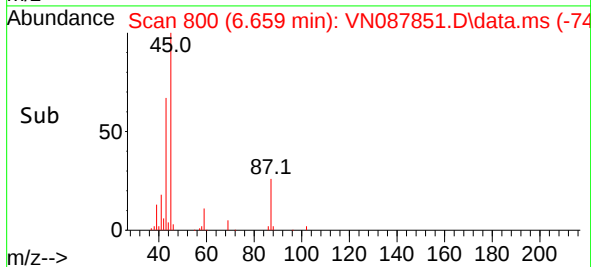
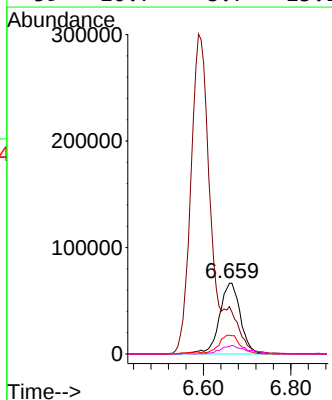
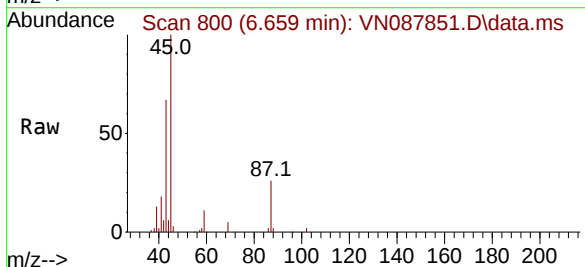
Instrument :
MSVOA_N
ClientSampleId :

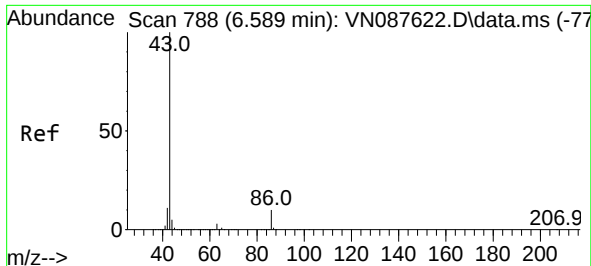
Tgt Ion: 96 Resp: 63180
Ion Ratio Lower Upper
96 100
61 131.8 118.0 177.0
98 65.1 50.0 75.0



#22
Diisopropyl ether
Concen: 17.076 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

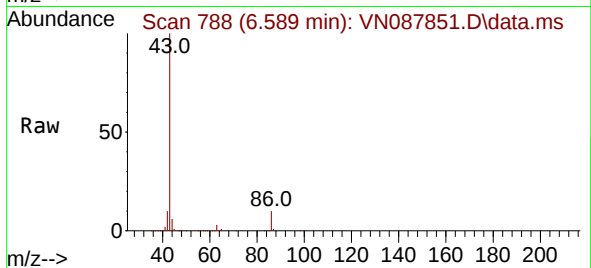
Tgt Ion: 45 Resp: 220735
Ion Ratio Lower Upper
45 100
43 65.7 47.7 71.5
87 26.4 21.4 32.0
59 10.7 8.7 13.1



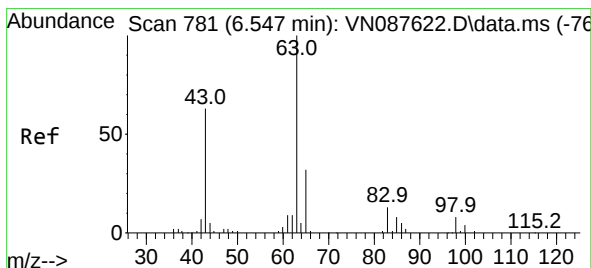
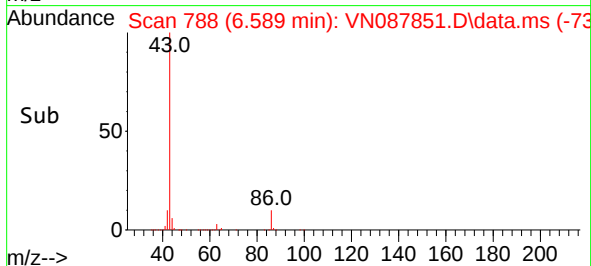
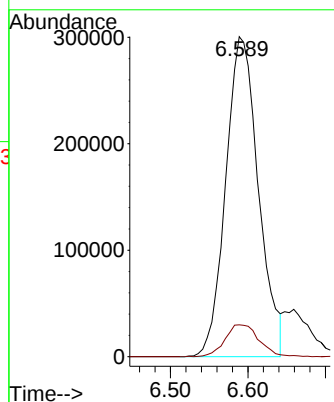


#23
 Vinyl Acetate
 Concen: 75.024 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

Instrument :
 MSVOA_N
 ClientSampleId :

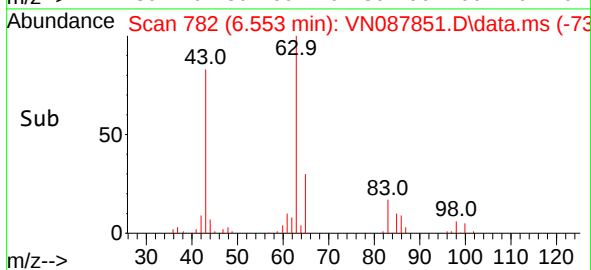
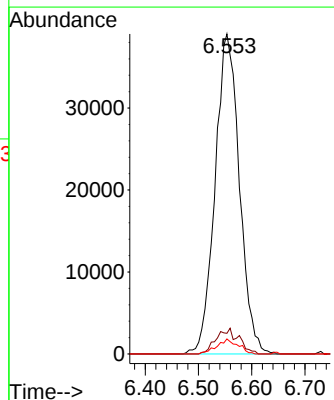
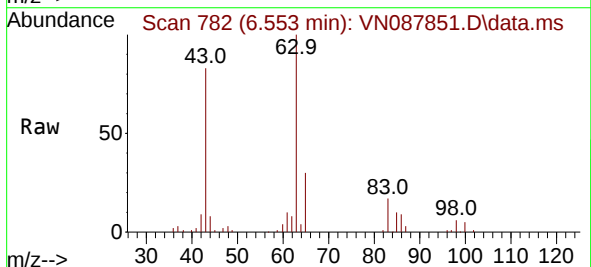


Tgt Ion: 43 Resp: 882321
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.466 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

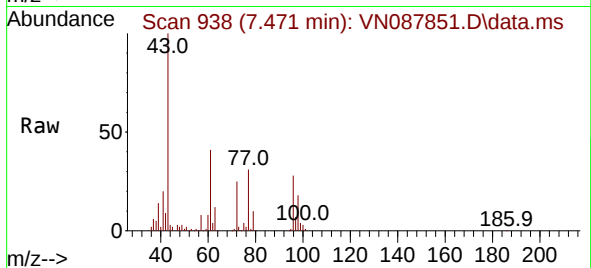
Tgt Ion: 63 Resp: 123788
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.7 2.0 6.0



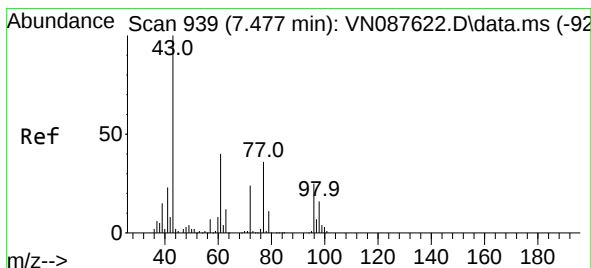
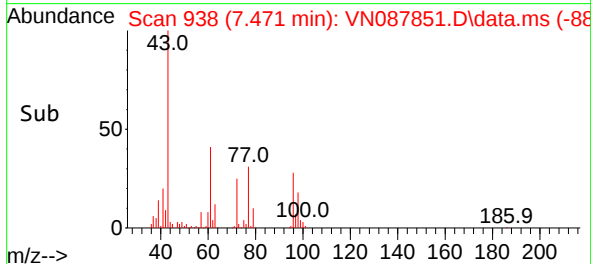
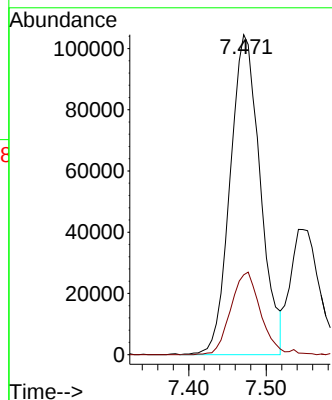


#25
2-Butanone
Concen: 84.156 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Instrument :
MSVOA_N
ClientSampleId :

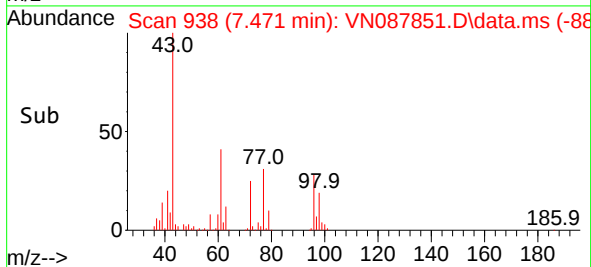
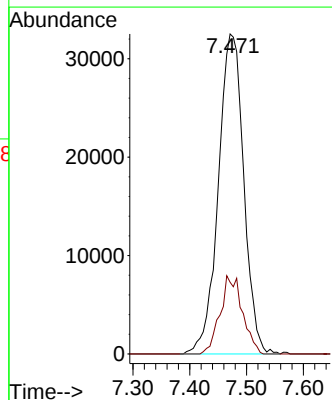
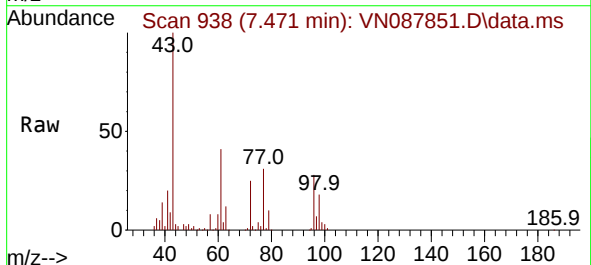


Tgt Ion: 43 Resp: 283126
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 16.632 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

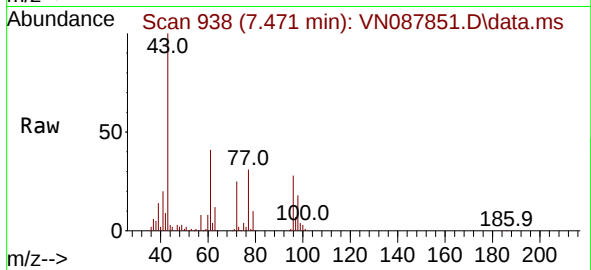
Tgt Ion: 77 Resp: 101171
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.7



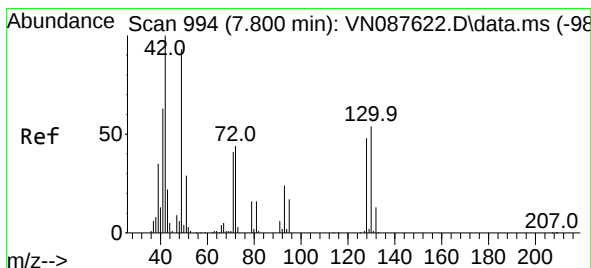
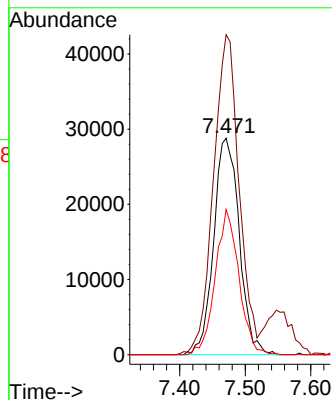
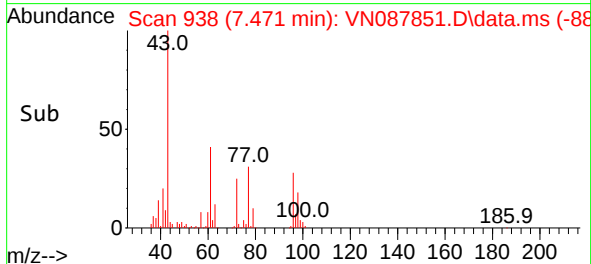


#27
 cis-1,2-Dichloroethene
 Concen: 18.182 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

Instrument :
 MSVOA_N
 ClientSampleId :

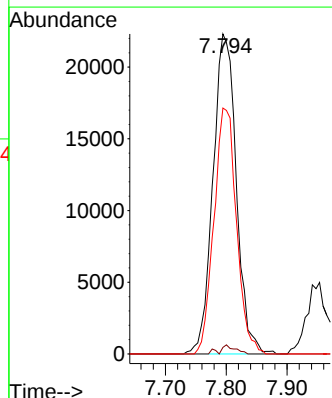
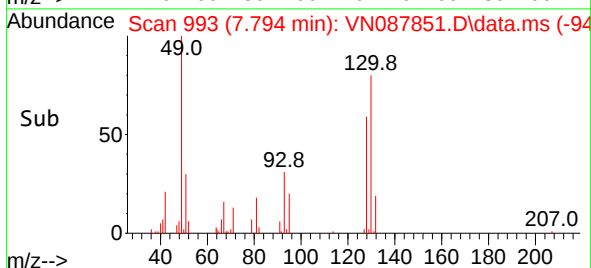
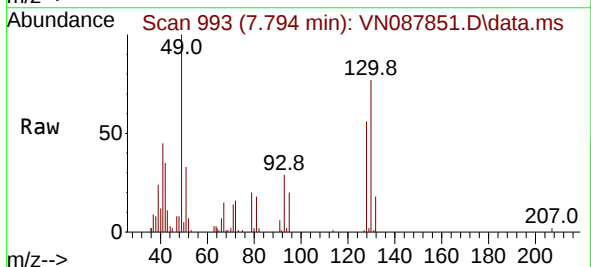


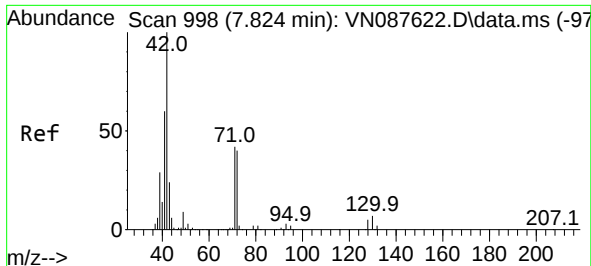
Tgt Ion: 96 Resp: 77871
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 301.8
 98 62.1 0.0 126.2



#28
 Bromochloromethane
 Concen: 17.350 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

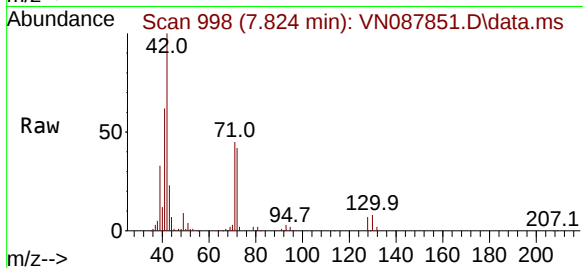
Tgt Ion: 49 Resp: 59450
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 74.1 53.1 79.7



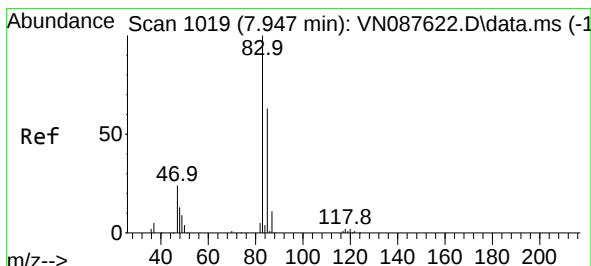
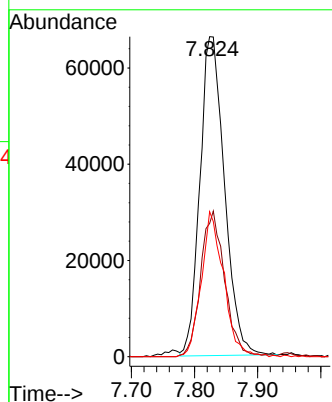
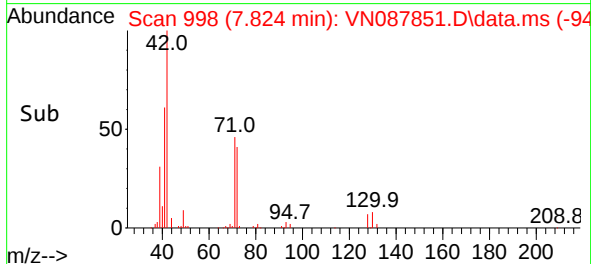


#29
Tetrahydrofuran
Concen: 82.933 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Instrument :
MSVOA_N
ClientSampleId :

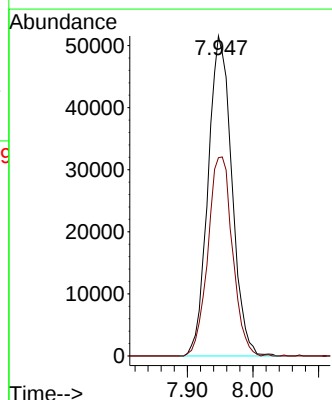
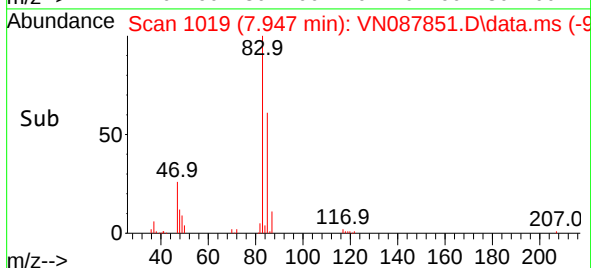
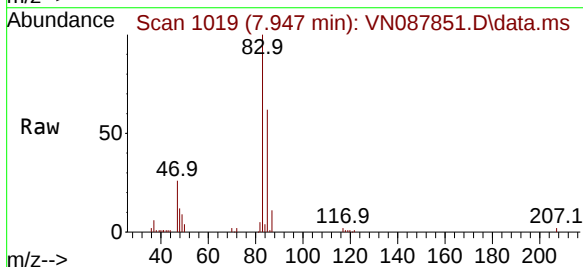


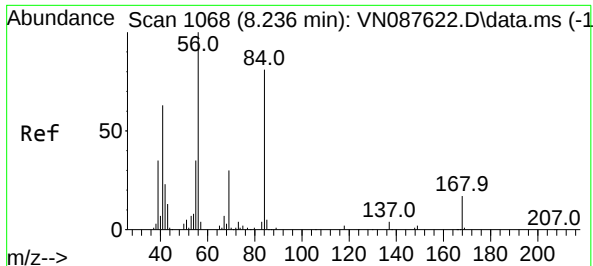
Tgt Ion: 42 Resp: 179559
Ion Ratio Lower Upper
42 100
72 44.6 33.7 50.5
71 41.5 31.9 47.9



#30
Chloroform
Concen: 17.959 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 83 Resp: 129921
Ion Ratio Lower Upper
83 100
85 62.0 50.7 76.1

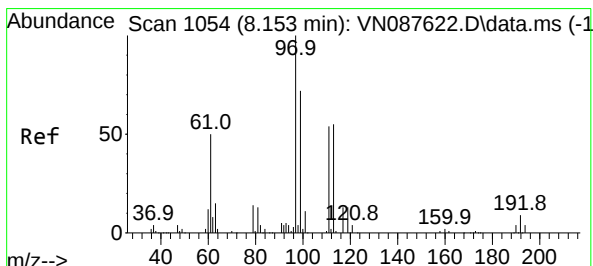
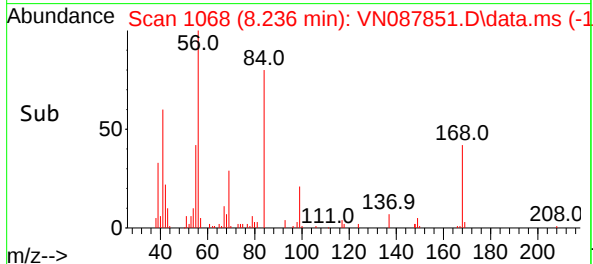
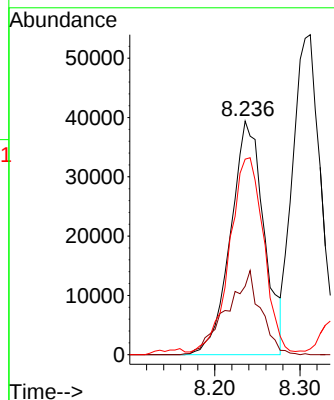
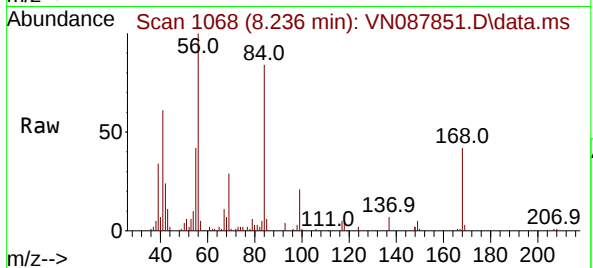




#31
Cyclohexane
Concen: 18.131 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

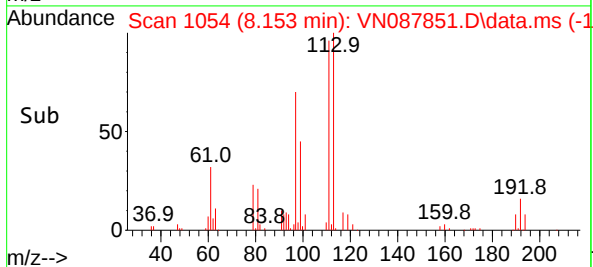
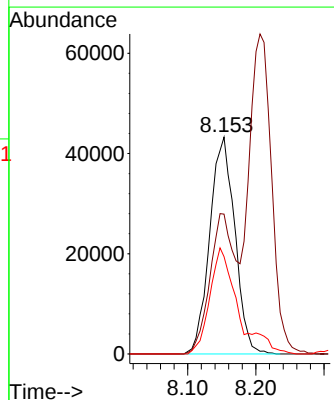
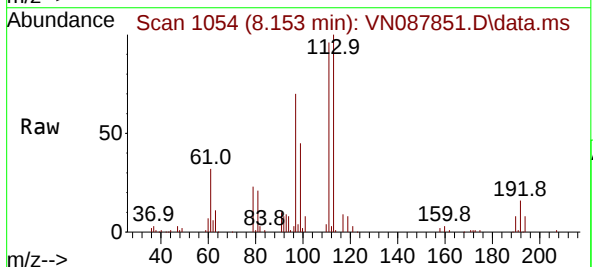
Instrument :
MSVOA_N
ClientSampleId :

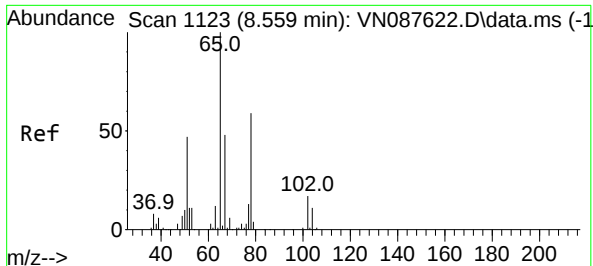
Tgt Ion: 56 Resp: 107126
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 81.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.081 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 97 Resp: 110851
Ion Ratio Lower Upper
97 100
99 66.0 52.2 78.2
61 48.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.468 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

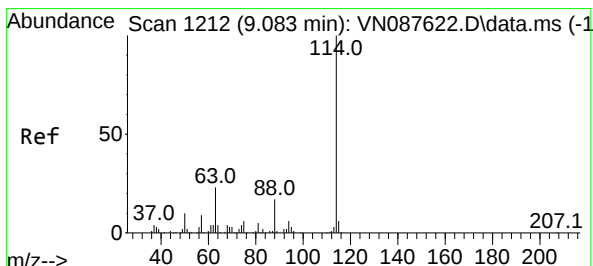
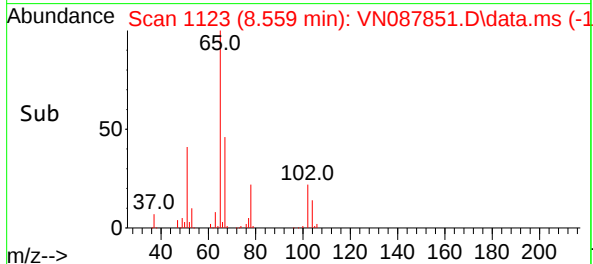
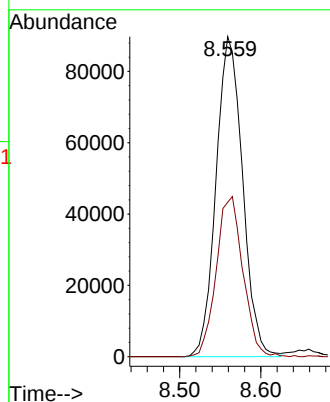
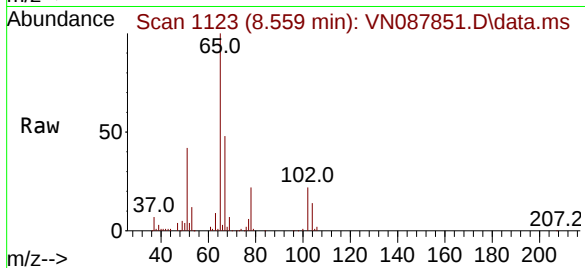
ClientSampleId :

Tgt Ion: 65 Resp: 204194

Ion Ratio Lower Upper

65 100

67 50.2 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: VN087851.D

Acq: 16 Sep 2025 15:46

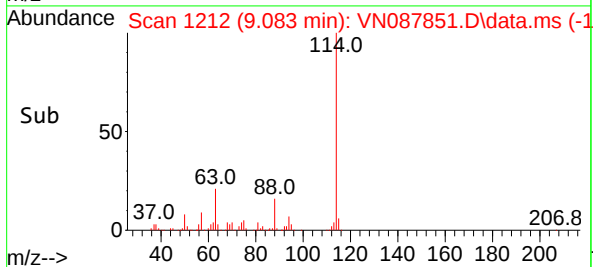
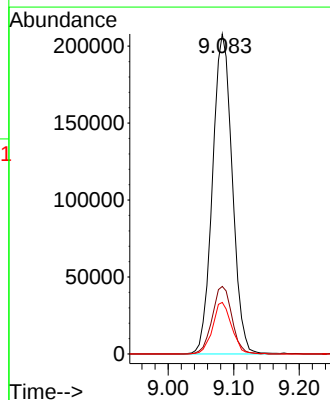
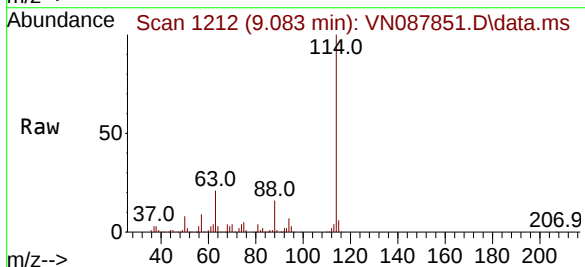
Tgt Ion: 114 Resp: 433869

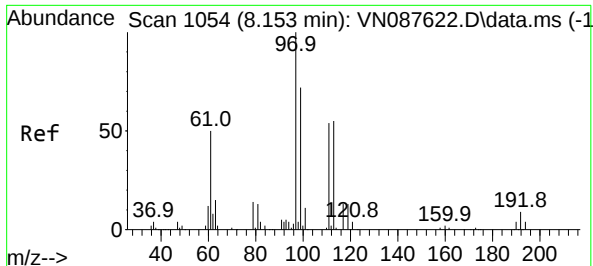
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.2

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.593 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

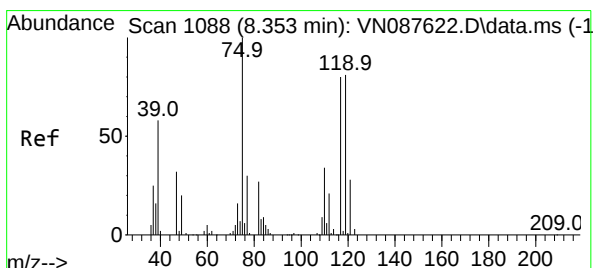
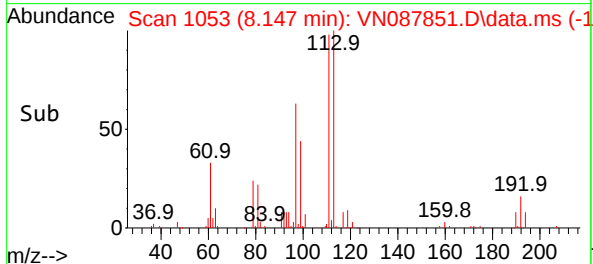
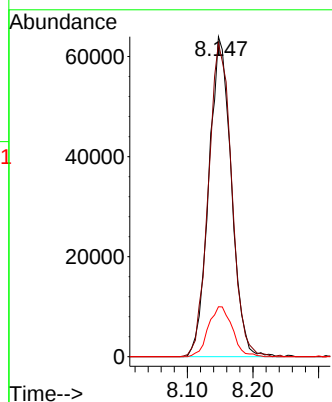
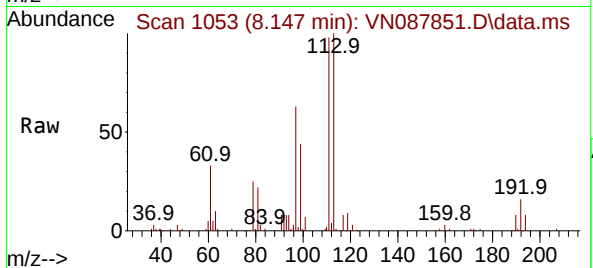
Tgt Ion:113 Resp: 152219

Ion Ratio Lower Upper

113 100

111 101.3 82.8 124.2

192 16.6 12.8 19.2



#36

1,1-Dichloropropene

Concen: 17.938 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

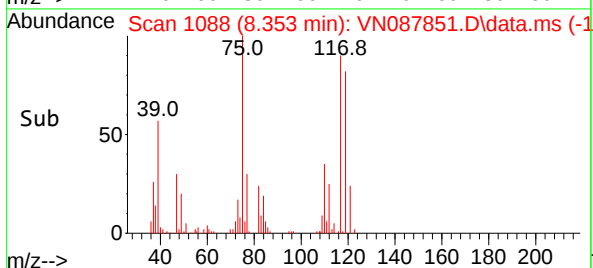
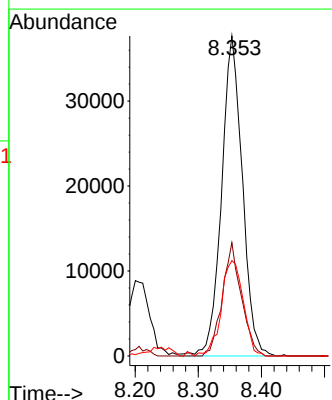
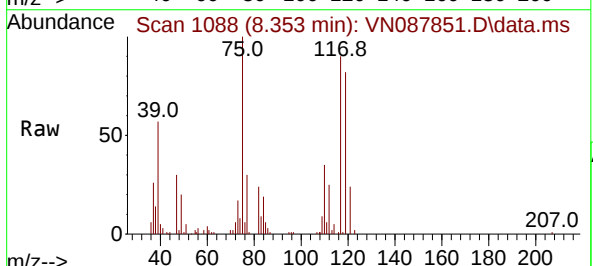
Tgt Ion: 75 Resp: 86206

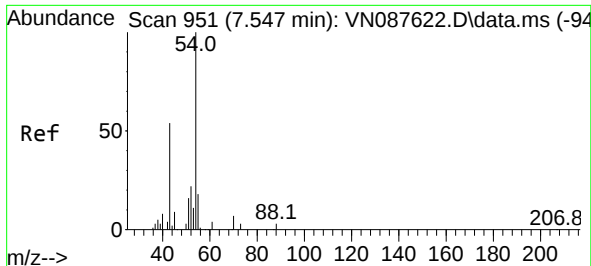
Ion Ratio Lower Upper

75 100

110 32.6 15.9 47.6

77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 16.514 ug/l

RT: 7.542 min Scan# 91

Delta R.T. -0.006 min

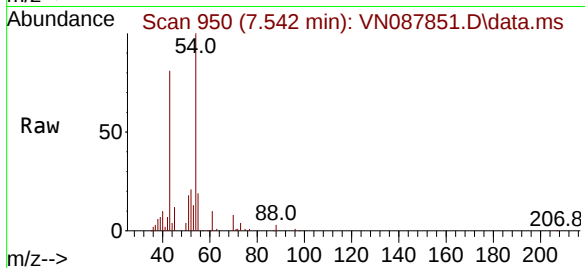
Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

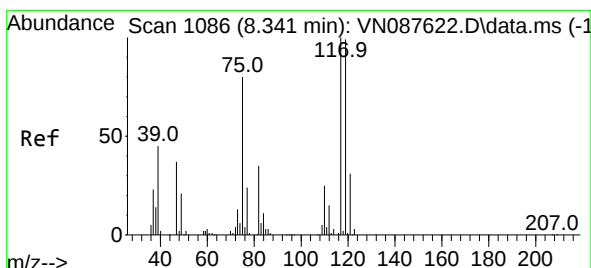
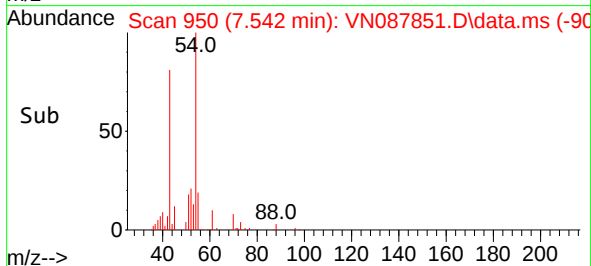
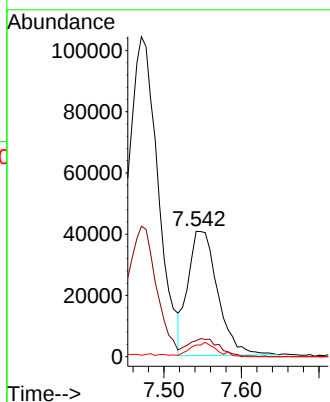
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	108447
Ion Ratio	Lower	Upper	
43	100		
61	14.5	9.3	13.9#
70	10.1	7.0	10.6



#38

Carbon Tetrachloride

Concen: 19.721 ug/l

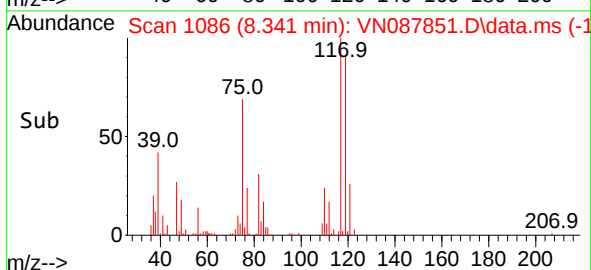
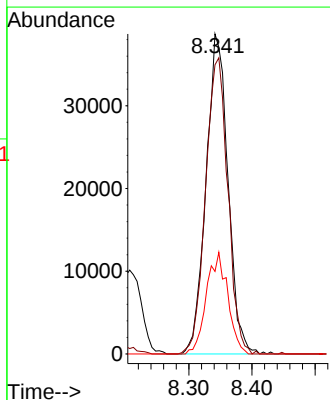
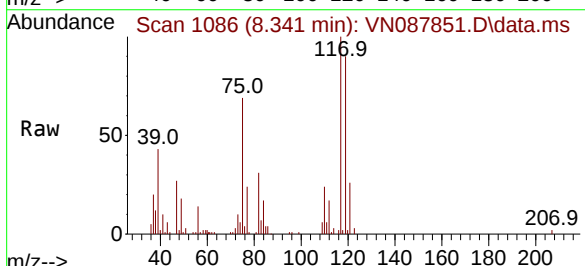
RT: 8.341 min Scan# 1086

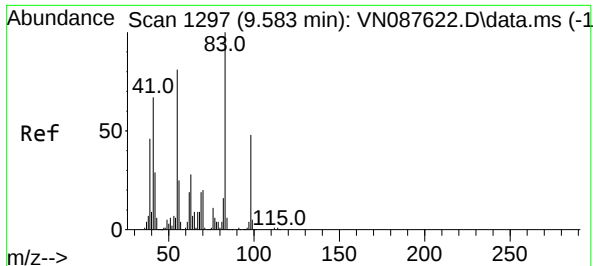
Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Tgt Ion:	117	Resp:	93570
Ion Ratio	Lower	Upper	
117	100		
119	90.4	79.0	118.6
121	25.8	25.0	37.6





#39

Methylcyclohexane

Concen: 18.519 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

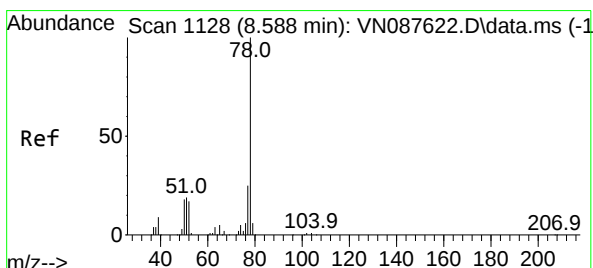
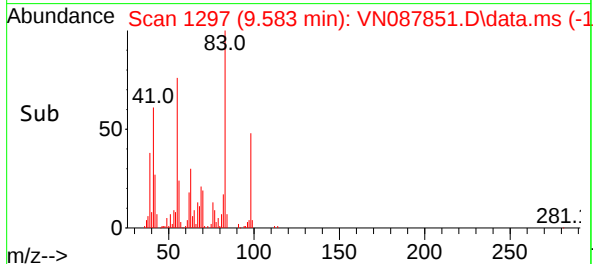
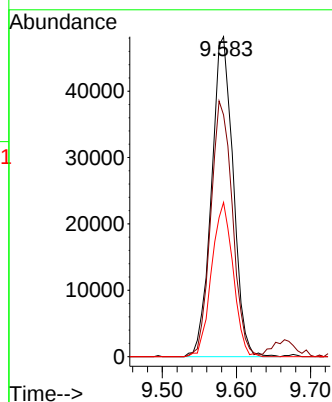
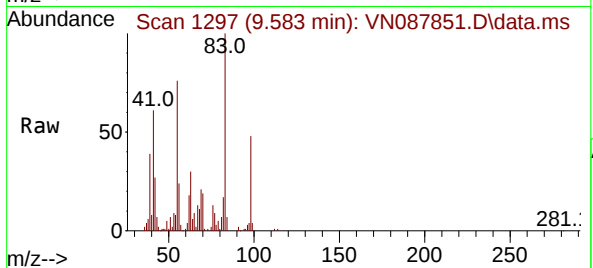
Tgt Ion: 83 Resp: 97980

Ion Ratio Lower Upper

83 100

55 75.6 64.6 96.8

98 48.2 38.4 57.6



#40

Benzene

Concen: 18.876 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087851.D

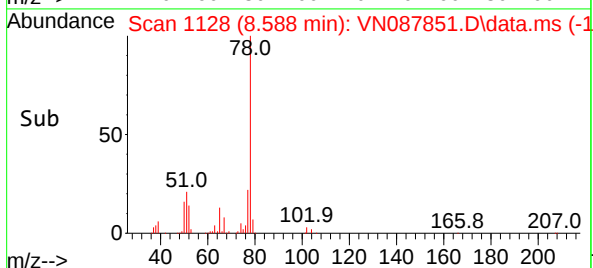
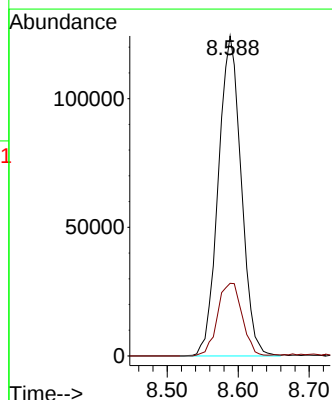
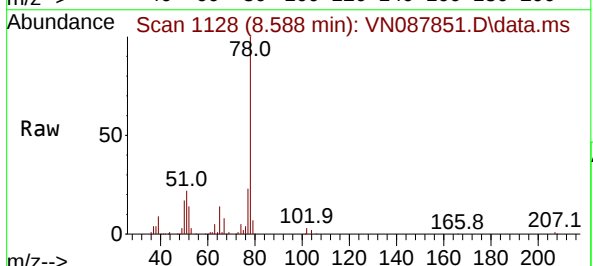
Acq: 16 Sep 2025 15:46

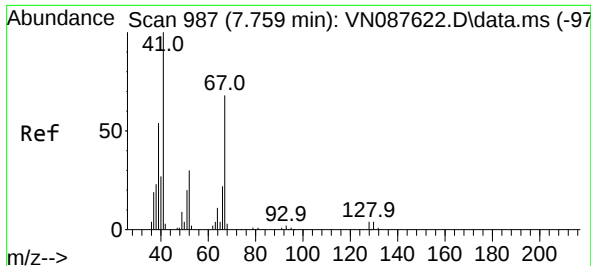
Tgt Ion: 78 Resp: 278225

Ion Ratio Lower Upper

78 100

77 22.7 19.7 29.5

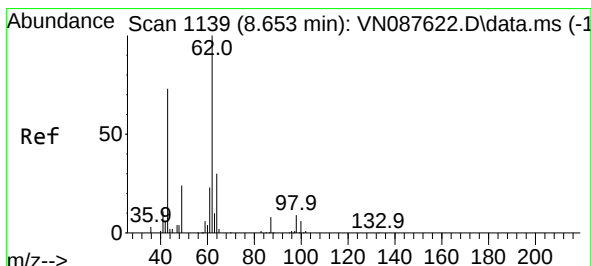
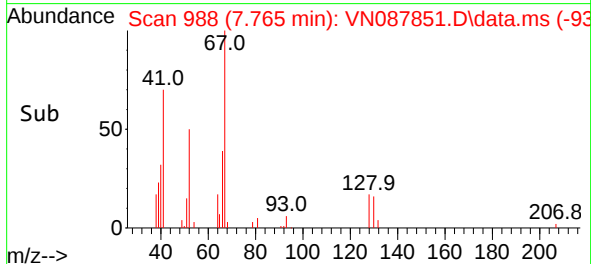
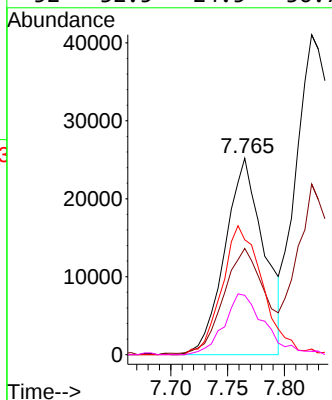
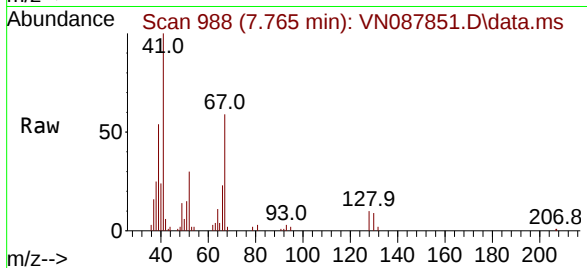




#41
Methacrylonitrile
Concen: 17.628 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

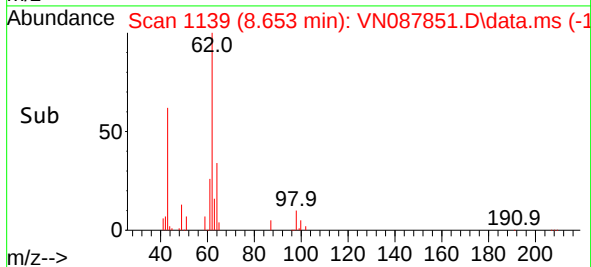
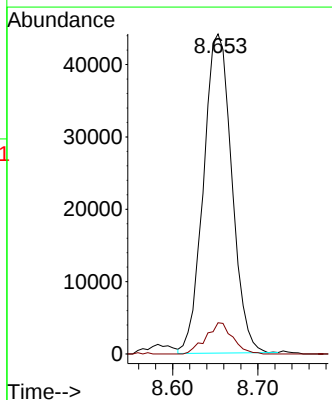
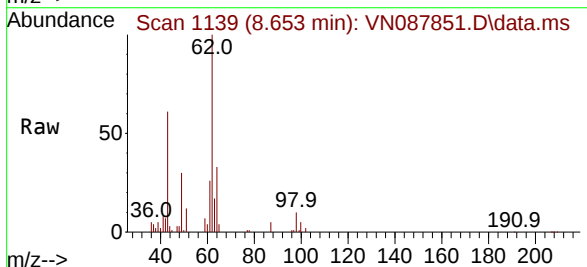
Instrument :
MSVOA_N
ClientSampleId :

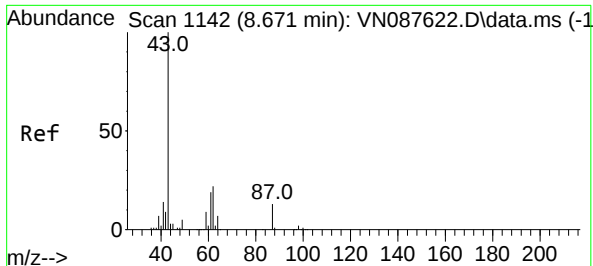
Tgt Ion:	41	Resp:	59964
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.4	68.0
67	69.6	55.3	82.9
52	32.5	24.5	36.7



#42
1,2-Dichloroethane
Concen: 17.962 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:	62	Resp:	101742
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.4

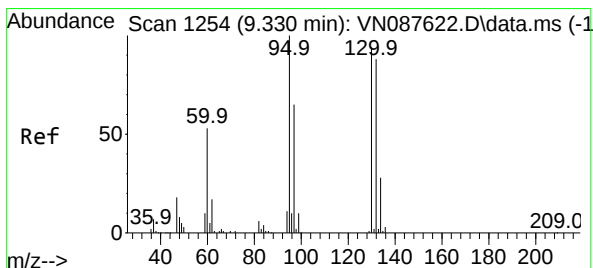
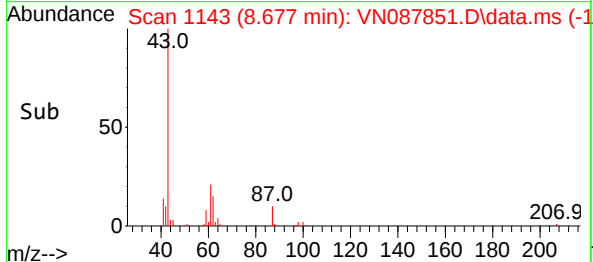
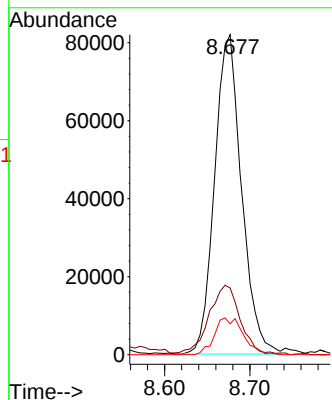
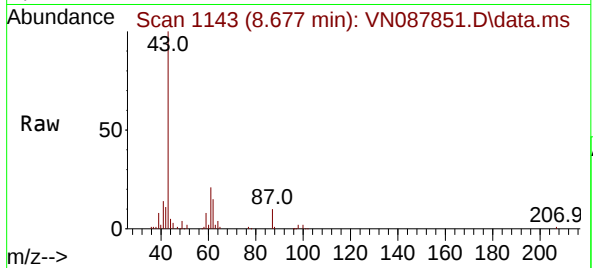




#43
Isopropyl Acetate
Concen: 17.519 ug/l
RT: 8.677 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

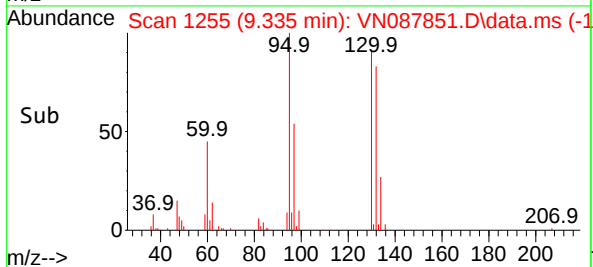
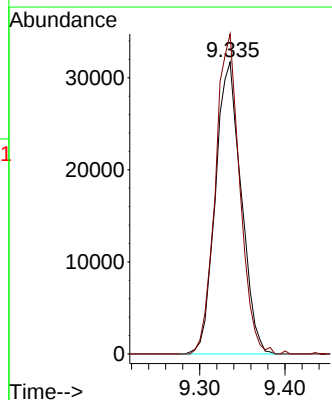
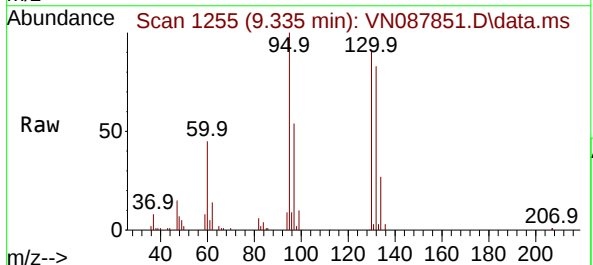
Instrument :
MSVOA_N
ClientSampleId :

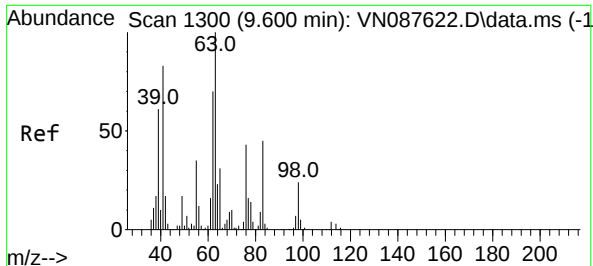
Tgt Ion: 43 Resp: 179617
Ion Ratio Lower Upper
43 100
61 25.4 18.8 28.2
87 12.4 9.6 14.4



#44
Trichloroethene
Concen: 19.807 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:130 Resp: 66656
Ion Ratio Lower Upper
130 100
95 109.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.369 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

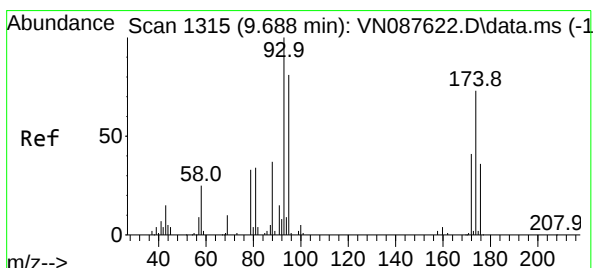
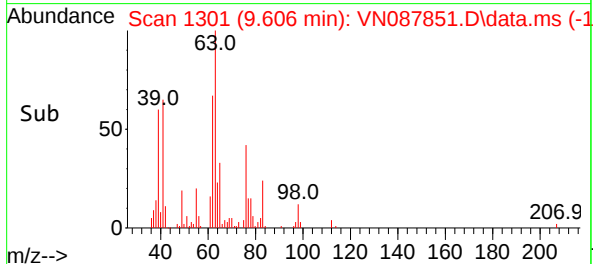
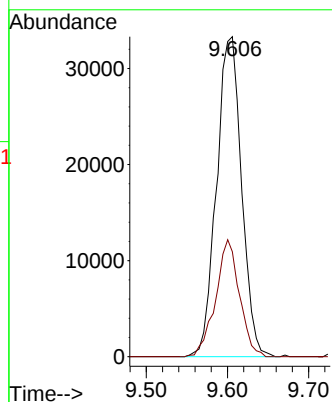
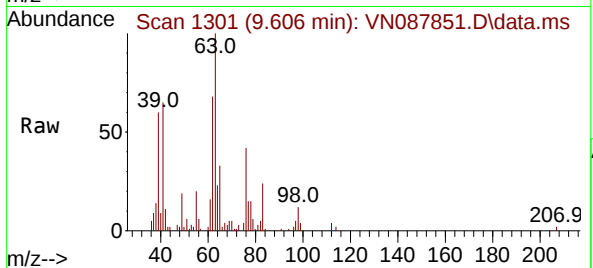
ClientSampleId :

Tgt Ion: 63 Resp: 71366

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.4



#46

Dibromomethane

Concen: 19.408 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

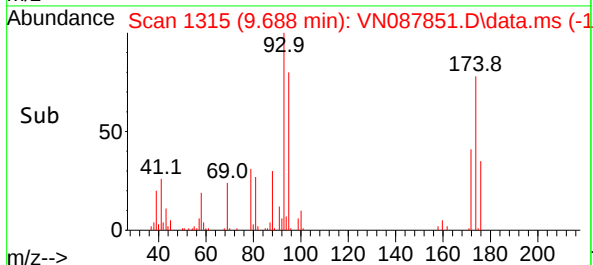
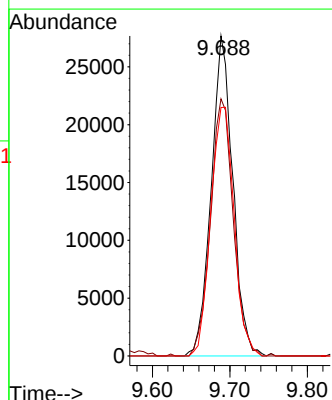
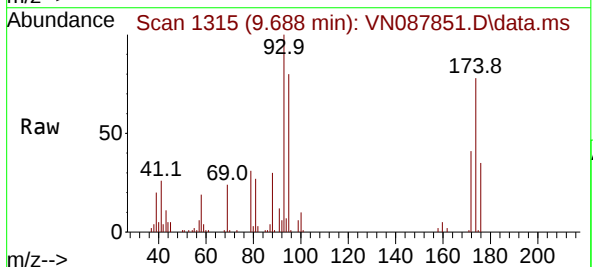
Tgt Ion: 93 Resp: 53658

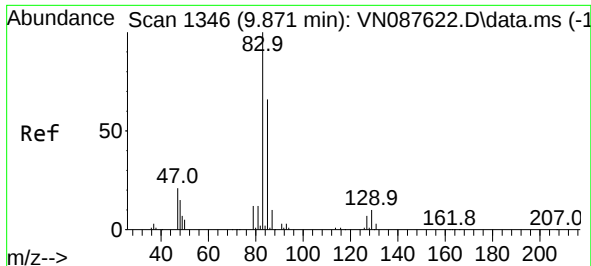
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 84.1 63.4 95.2

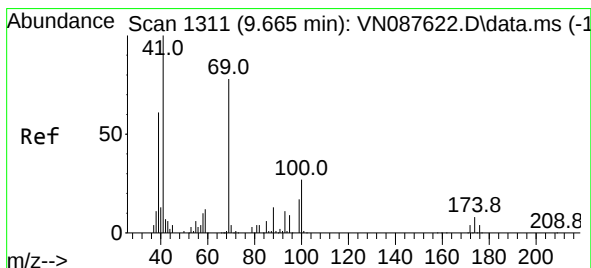
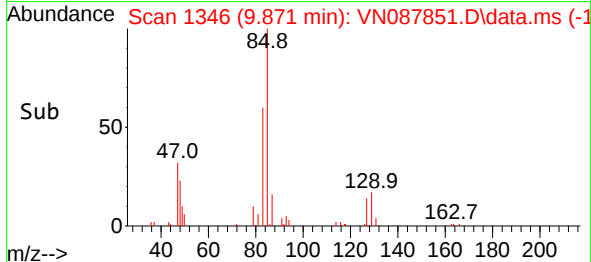
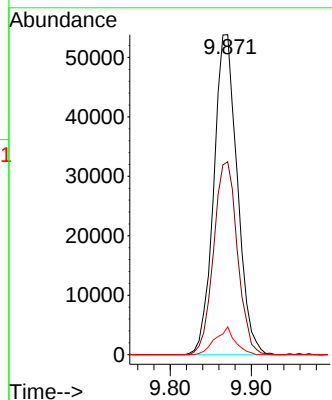
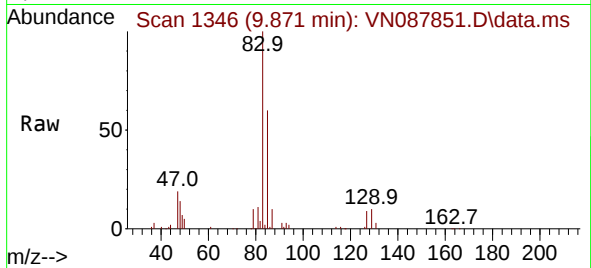




#47
Bromodichloromethane
Concen: 19.160 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

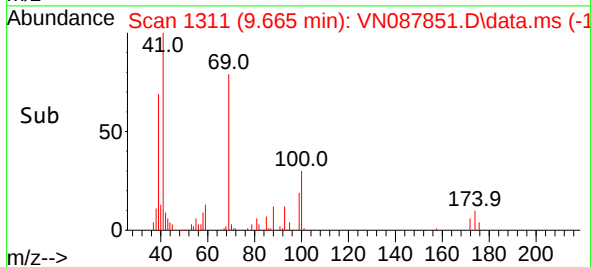
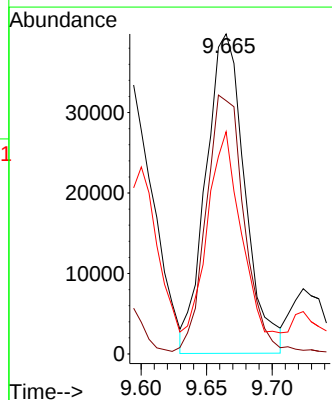
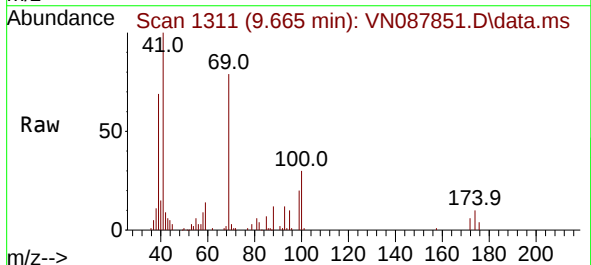
Instrument :
MSVOA_N
ClientSampleId :

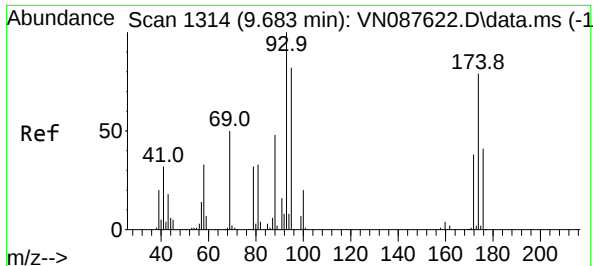
Tgt Ion: 83 Resp: 108569
Ion Ratio Lower Upper
83 100
85 60.3 52.5 78.7
127 8.7 5.8 8.6#



#48
Methyl methacrylate
Concen: 16.943 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

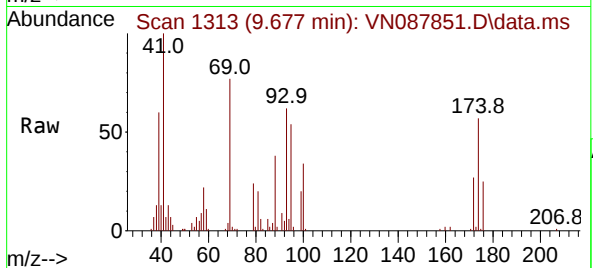
Tgt Ion: 41 Resp: 82168
Ion Ratio Lower Upper
41 100
69 80.7 62.7 94.1
39 64.7 52.9 79.3



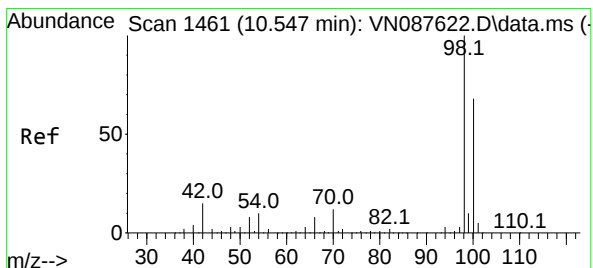
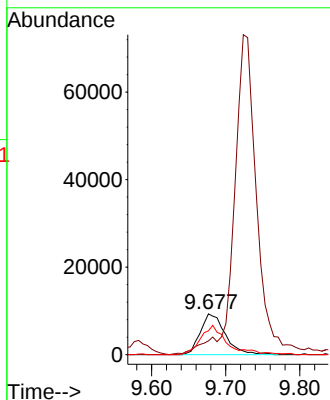
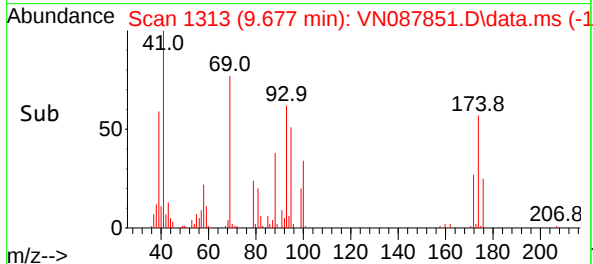


#49
1,4-Dioxane
Concen: 349.128 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Instrument :
MSVOA_N
ClientSampleId :

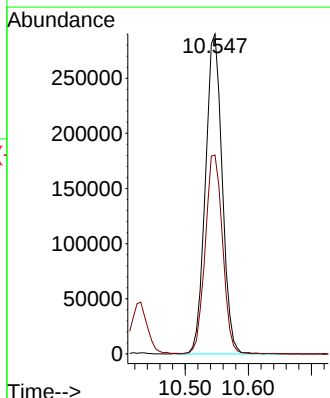
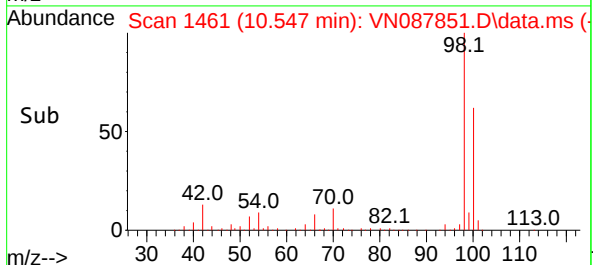
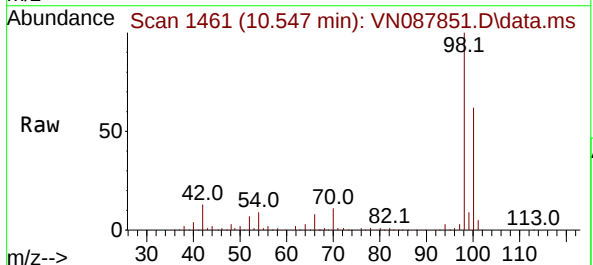


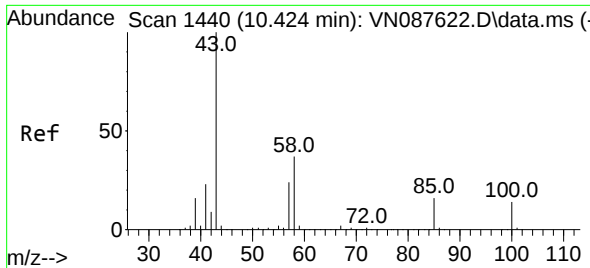
Tgt Ion: 88 Resp: 21945
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.6 57.9 86.9



#50
Toluene-d8
Concen: 45.597 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 98 Resp: 534604
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2

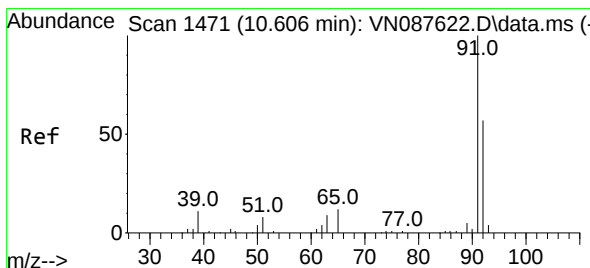
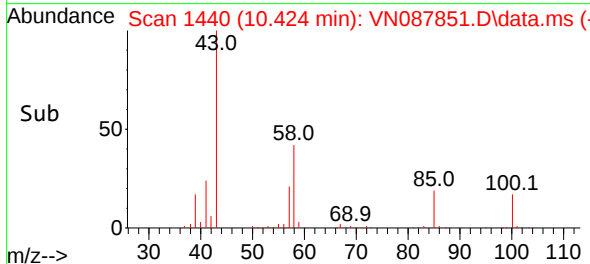
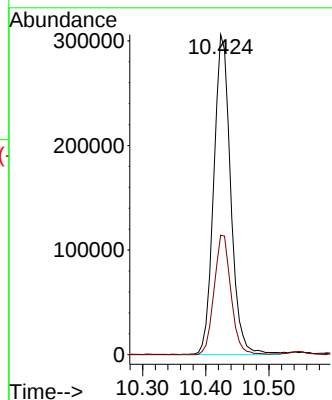
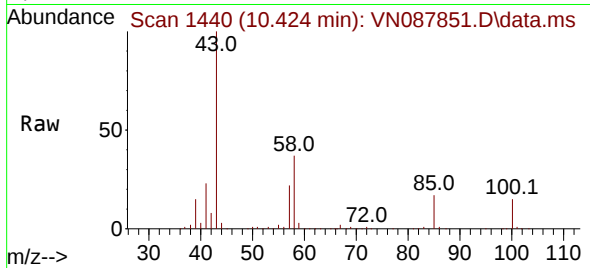




#51
4-Methyl-2-Pentanone
Concen: 92.115 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

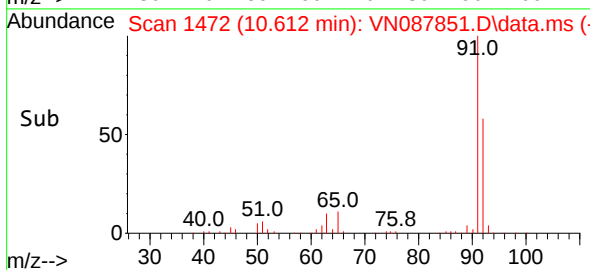
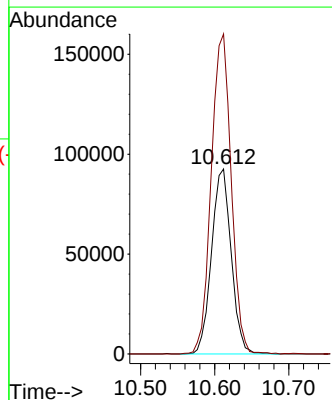
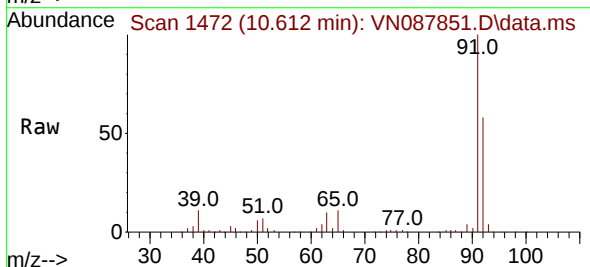
Instrument :
MSVOA_N
ClientSampleId :

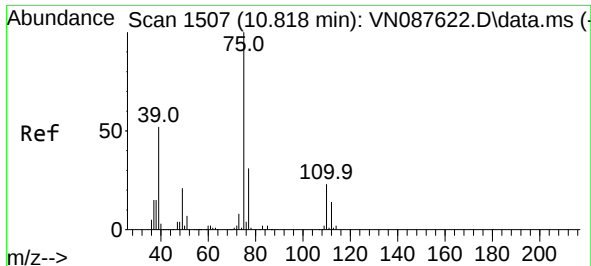
Tgt Ion: 43 Resp: 569808
Ion Ratio Lower Upper
43 100
58 37.2 29.6 44.4



#52
Toluene
Concen: 18.684 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 92 Resp: 170728
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6

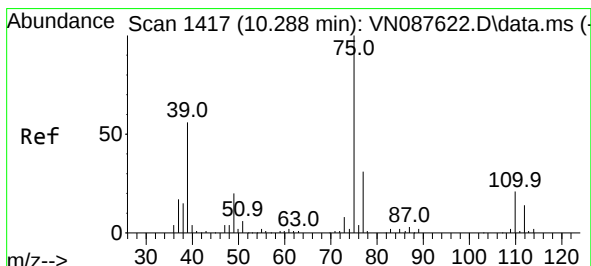
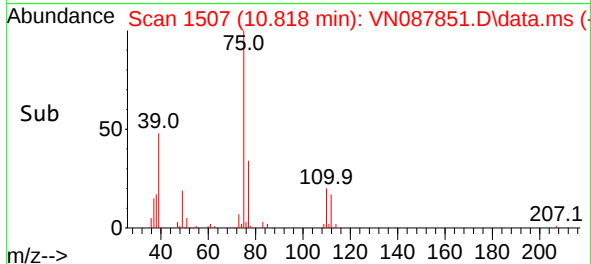
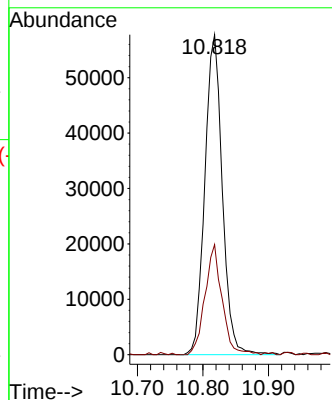
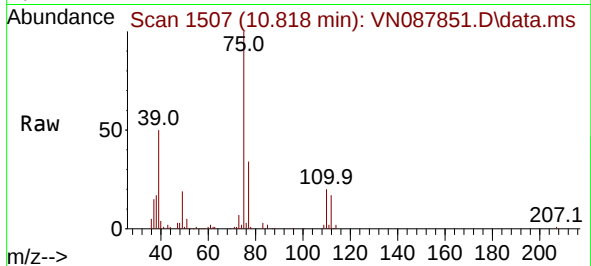




#53
 t-1,3-Dichloropropene
 Concen: 18.261 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

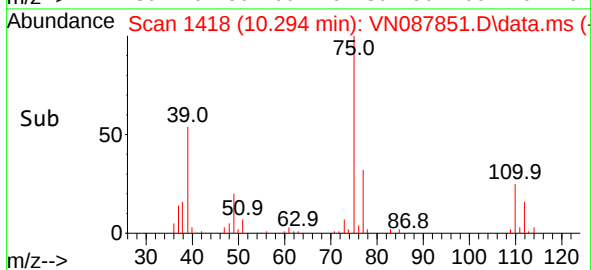
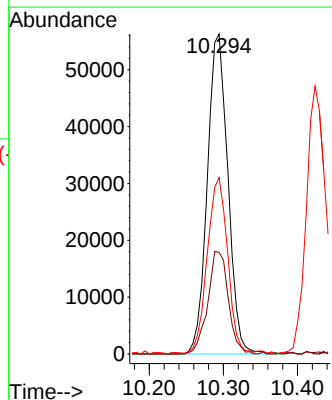
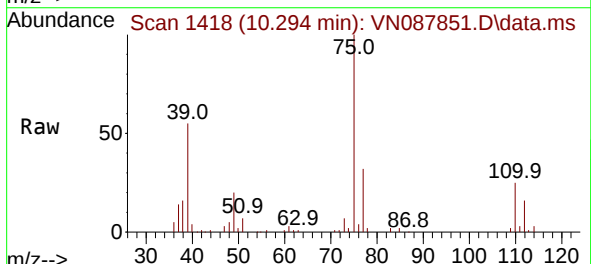
Instrument :
 MSVOA_N
 ClientSampleId :

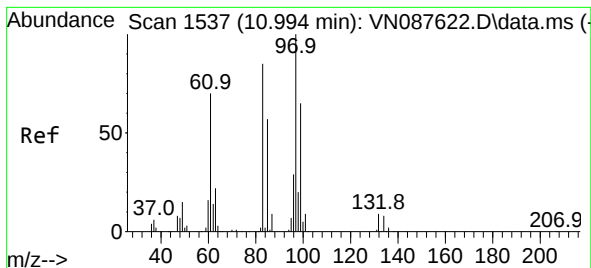
Tgt Ion: 75 Resp: 107103
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.870 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

Tgt Ion: 75 Resp: 108830
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 54.8 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 20.104 ug/l

RT: 11.000 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 71066

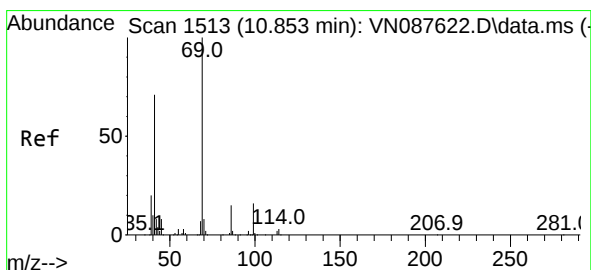
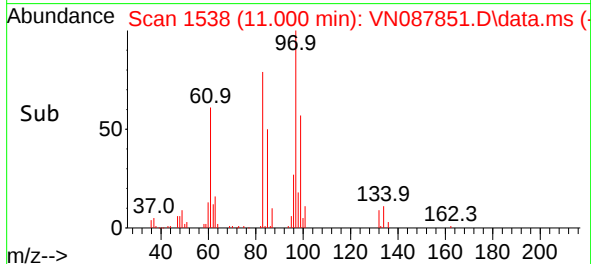
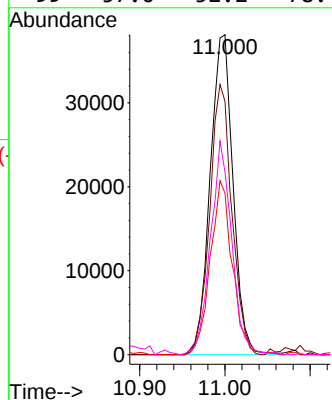
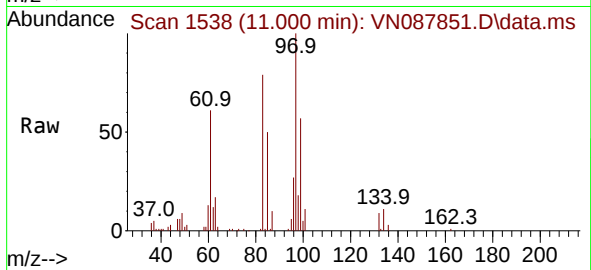
Ion Ratio Lower Upper

97 100

83 79.2 68.2 102.4

85 50.5 45.5 68.3

99 57.0 52.2 78.4



#56

Ethyl methacrylate

Concen: 17.765 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

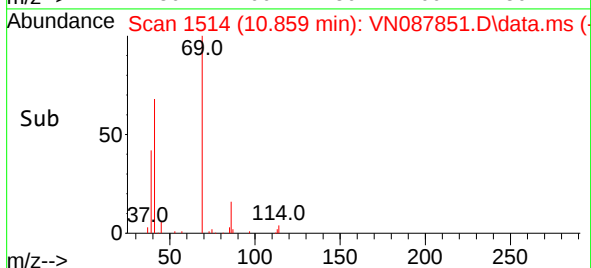
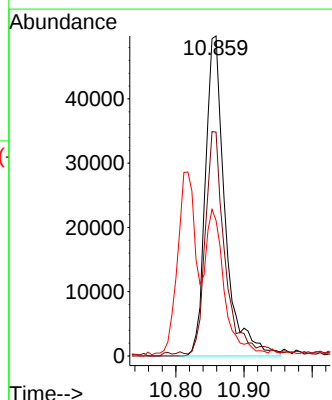
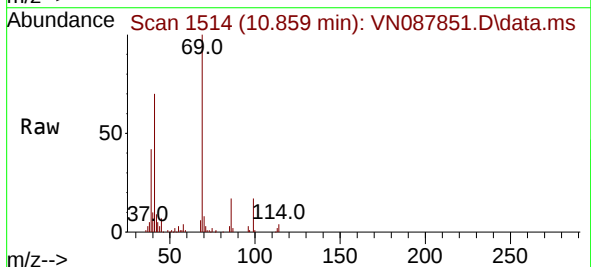
Tgt Ion: 69 Resp: 100359

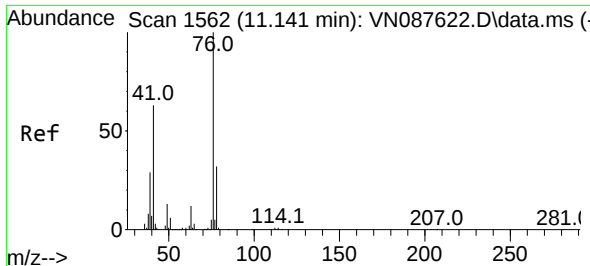
Ion Ratio Lower Upper

69 100

41 68.5 56.5 84.7

39 42.5 34.2 51.4





#57

1,3-Dichloropropane

Concen: 19.031 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

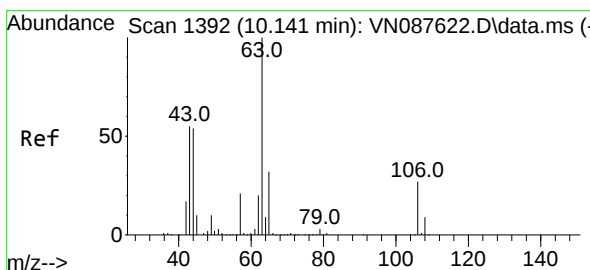
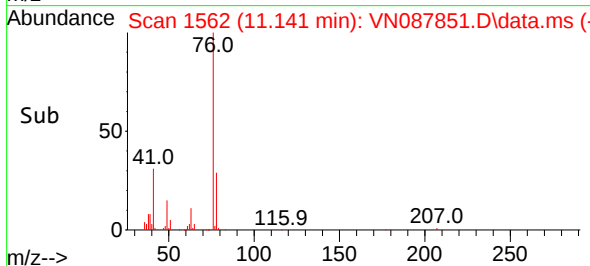
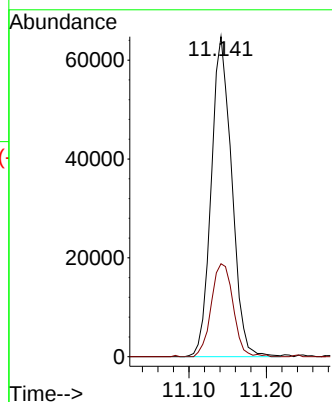
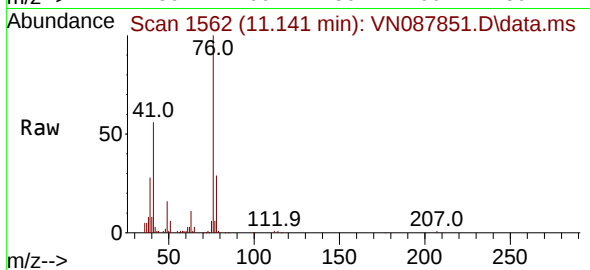
ClientSampleId :

Tgt Ion: 76 Resp: 119059

Ion Ratio Lower Upper

76 100

78 31.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.115 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087851.D

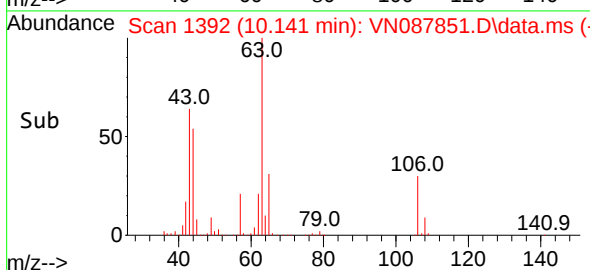
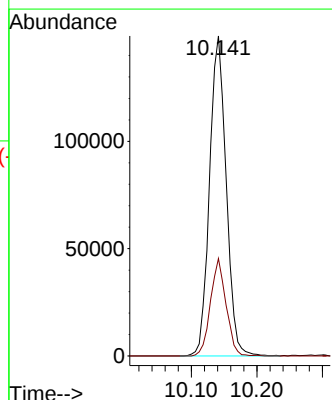
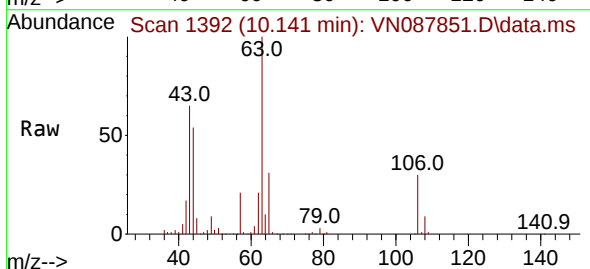
Acq: 16 Sep 2025 15:46

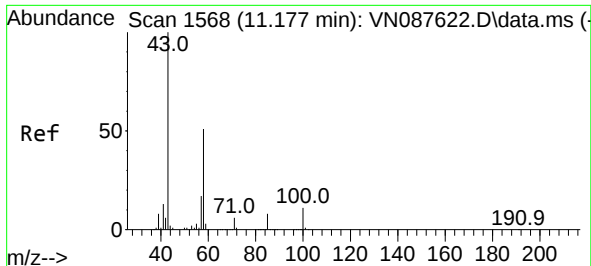
Tgt Ion: 63 Resp: 263312

Ion Ratio Lower Upper

63 100

106 28.4 21.1 31.7

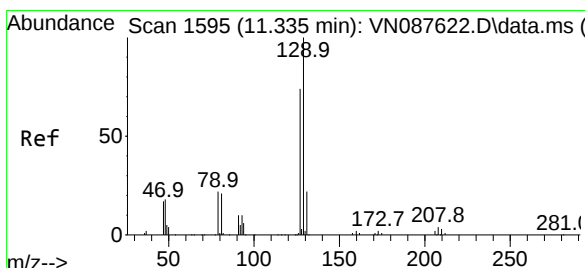
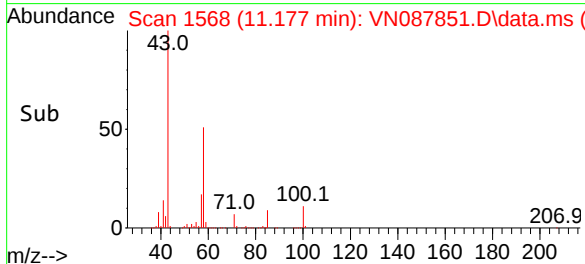
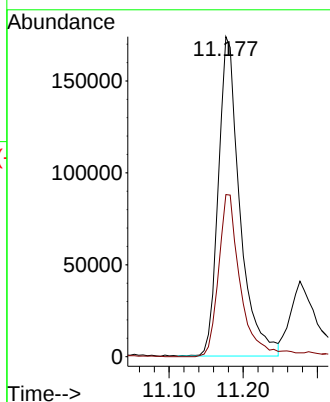
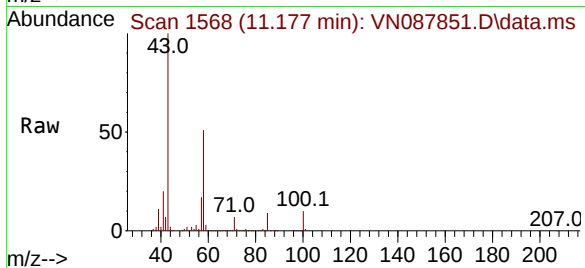




#59
2-Hexanone
Concen: 89.488 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

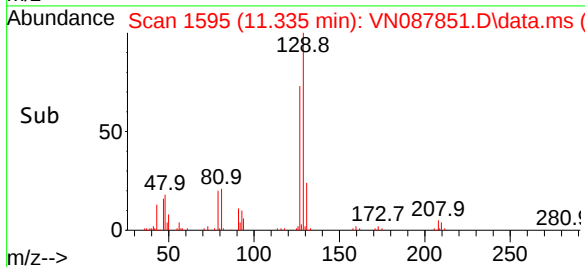
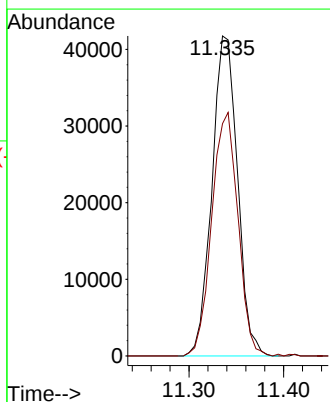
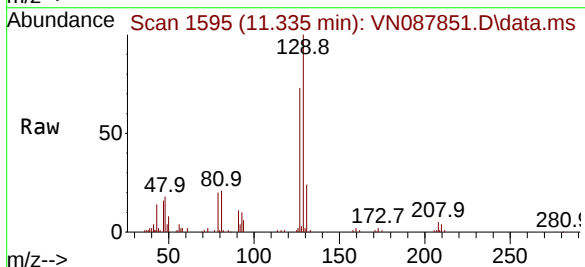
Instrument :
MSVOA_N
ClientSampleId :

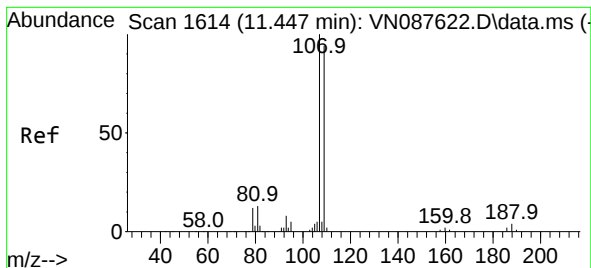
Tgt Ion: 43 Resp: 349848
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.8



#60
Dibromochloromethane
Concen: 19.133 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 129 Resp: 78365
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.625 ug/l

RT: 11.447 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

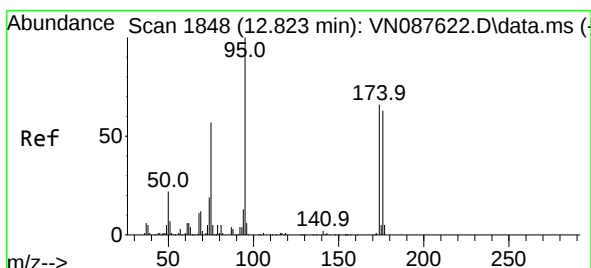
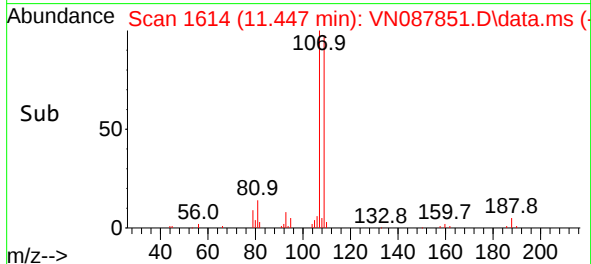
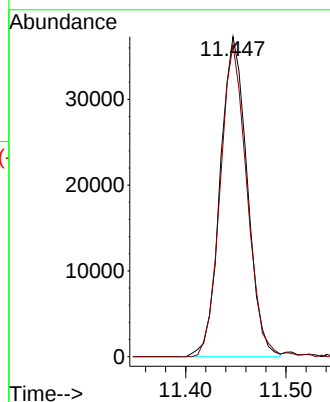
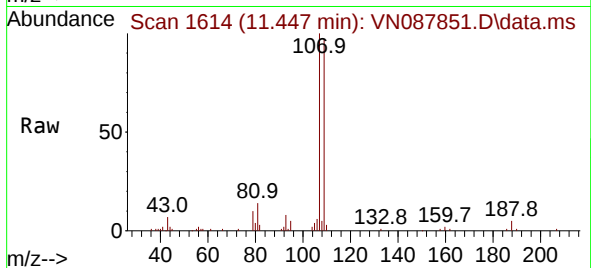
ClientSampleId :

Tgt Ion:107 Resp: 69424

Ion Ratio Lower Upper

107 100

109 97.1 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 46.356 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

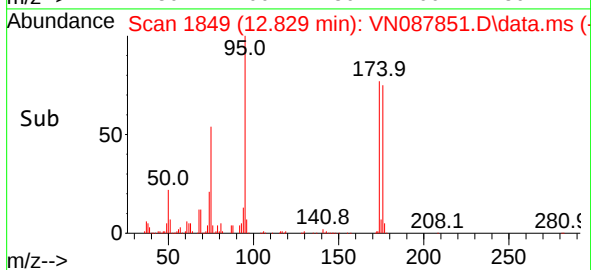
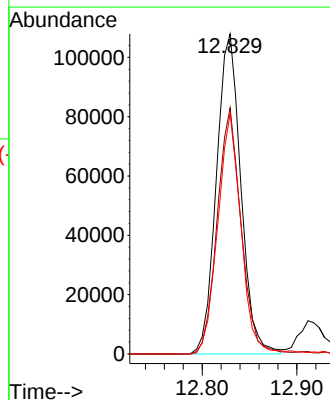
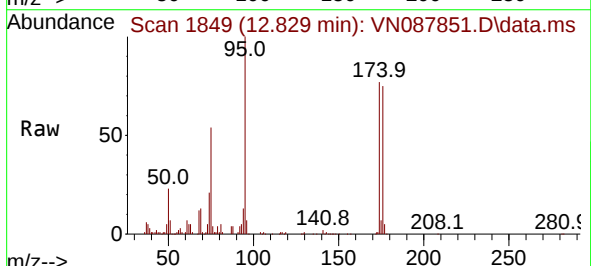
Tgt Ion: 95 Resp: 193287

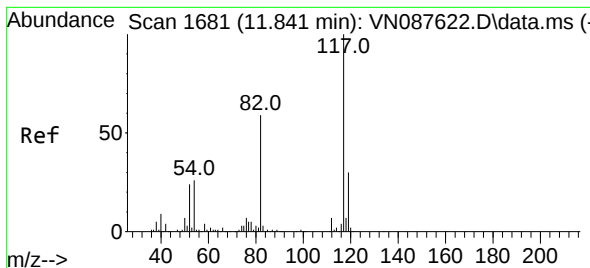
Ion Ratio Lower Upper

95 100

174 75.0 0.0 138.4

176 71.6 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: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

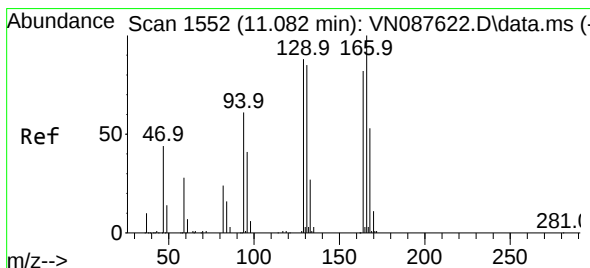
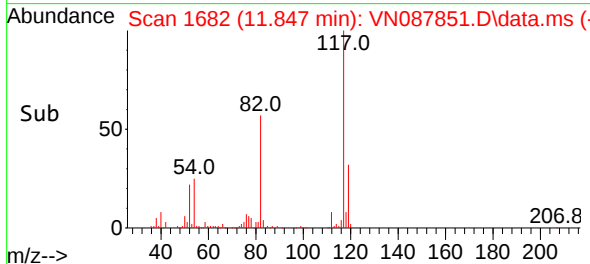
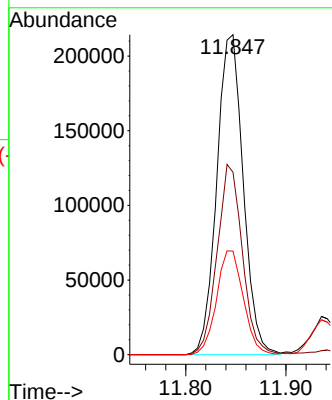
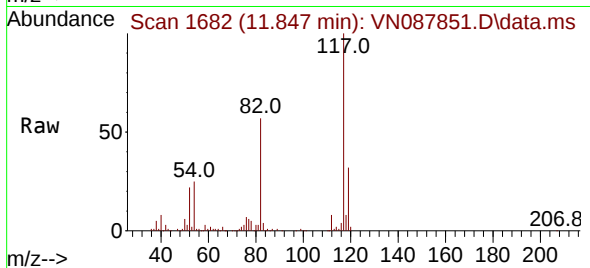
Tgt Ion:117 Resp: 392898

Ion Ratio Lower Upper

117 100

82 57.0 47.4 71.2

119 32.3 24.3 36.5



#64

Tetrachloroethene

Concen: 19.664 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Tgt Ion:164 Resp: 53603

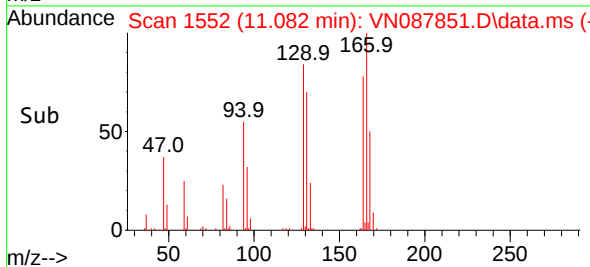
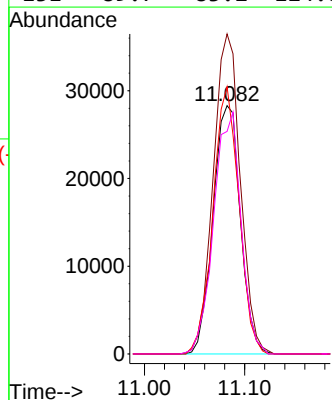
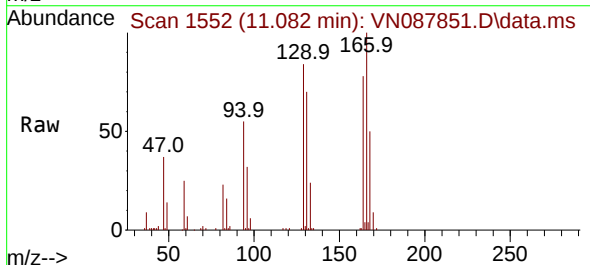
Ion Ratio Lower Upper

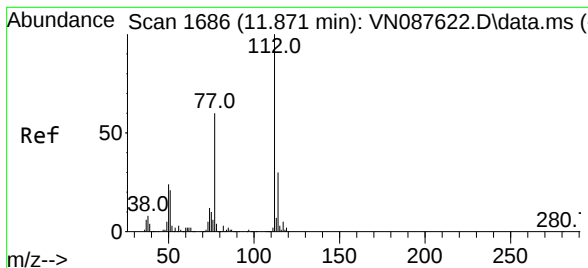
164 100

166 128.9 97.7 146.5

129 107.6 85.9 128.9

131 89.7 83.2 124.8





#65

Chlorobenzene

Concen: 18.988 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

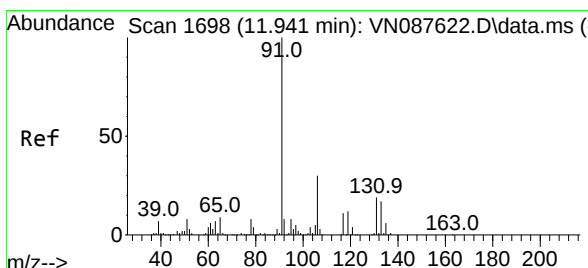
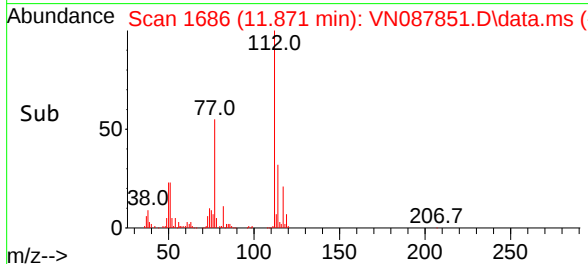
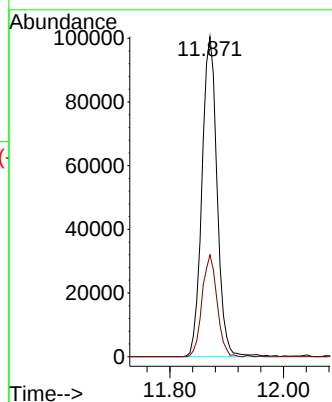
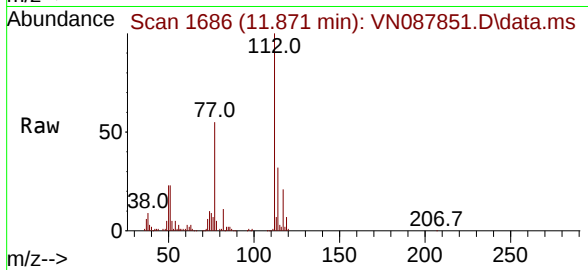
ClientSampleId :

Tgt Ion:112 Resp: 185603

Ion Ratio Lower Upper

112 100

114 31.8 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.216 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

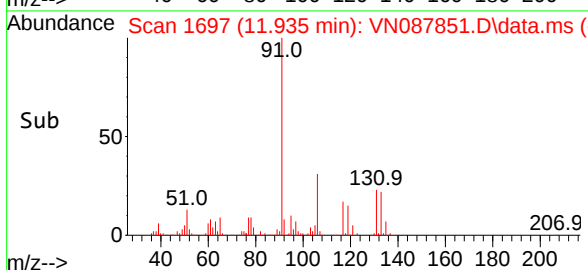
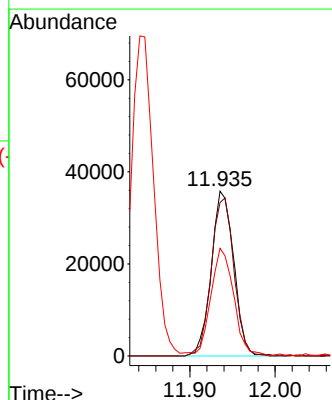
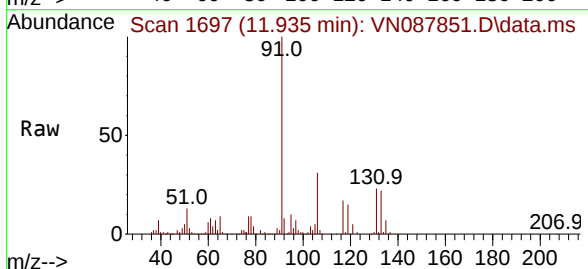
Tgt Ion:131 Resp: 65603

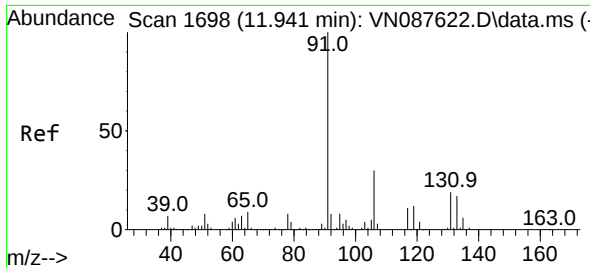
Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.0

119 66.6 32.6 97.7

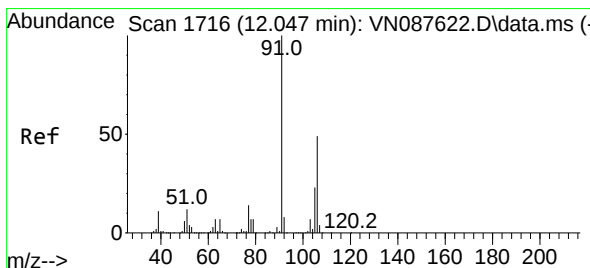
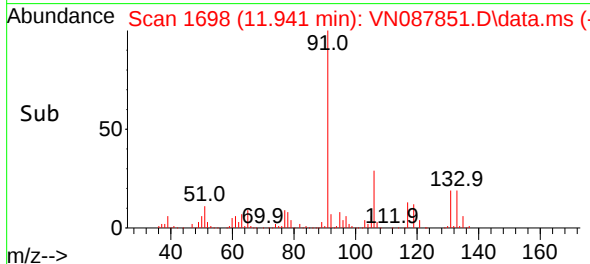
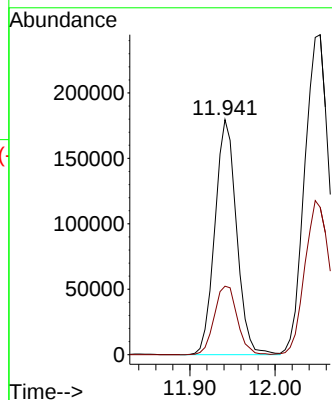
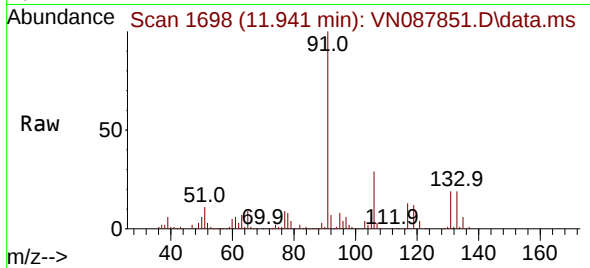




#67
Ethyl Benzene
Concen: 18.723 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

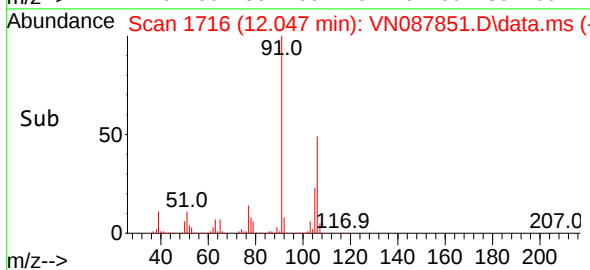
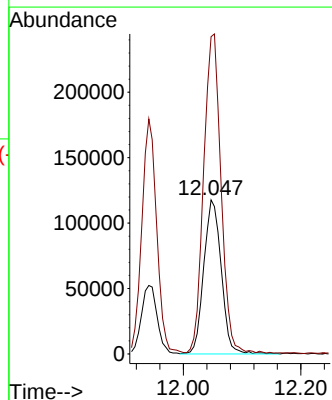
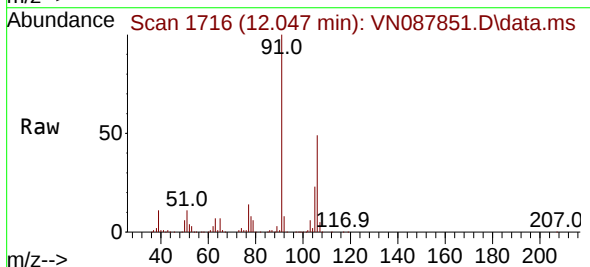
Instrument :
MSVOA_N
ClientSampleId :

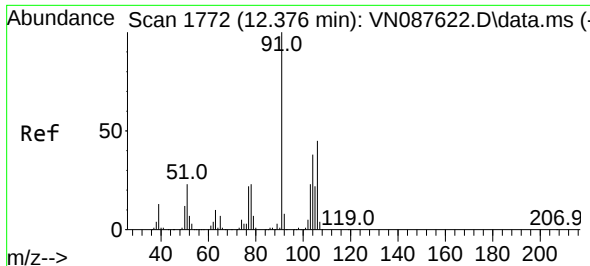
Tgt Ion: 91 Resp: 316873
Ion Ratio Lower Upper
91 100
106 29.2 24.1 36.1



#68
m/p-Xylenes
Concen: 39.158 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:106 Resp: 243049
Ion Ratio Lower Upper
106 100
91 204.7 169.3 253.9

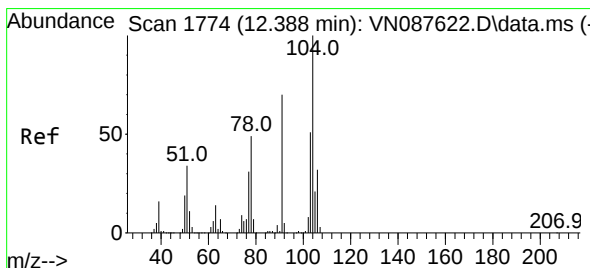
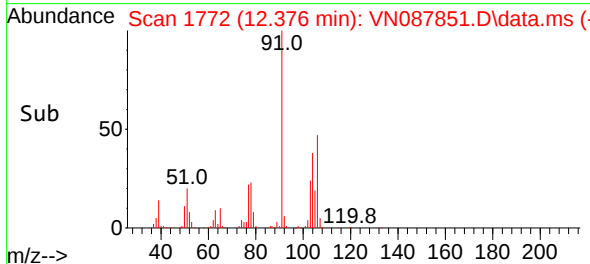
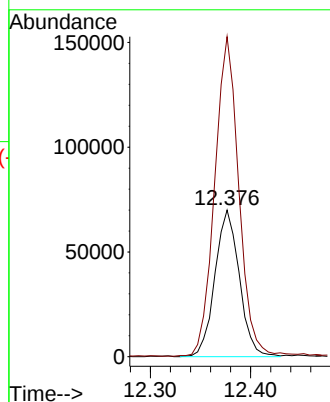
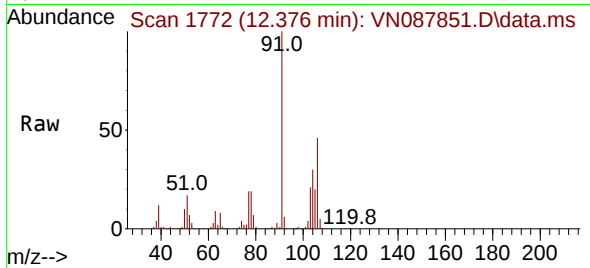




#69
o-Xylene
Concen: 19.462 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

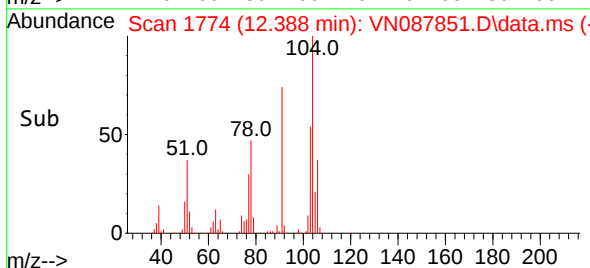
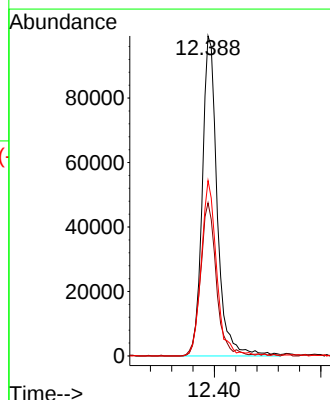
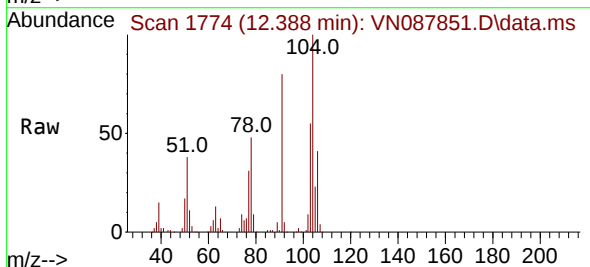
Instrument :
MSVOA_N
ClientSampleId :

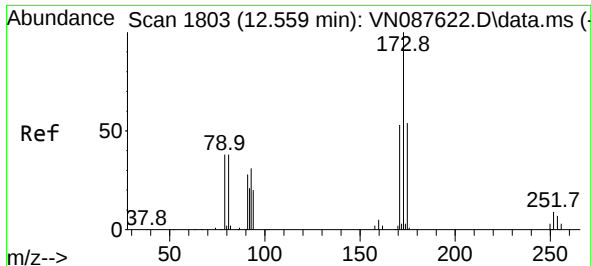
Tgt Ion:106 Resp: 118378
Ion Ratio Lower Upper
106 100
91 216.8 111.4 334.2



#70
Styrene
Concen: 19.023 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:104 Resp: 193858
Ion Ratio Lower Upper
104 100
78 50.4 42.2 63.2
103 56.0 43.4 65.2

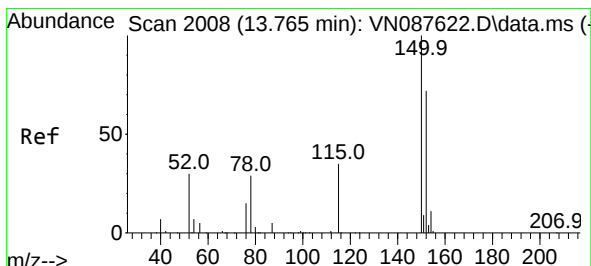
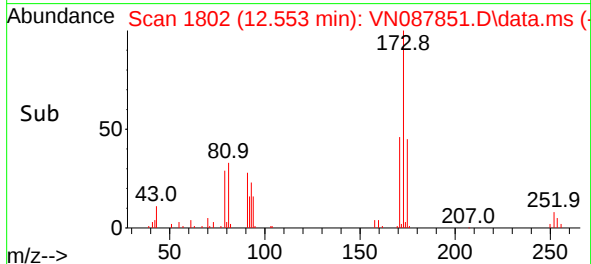
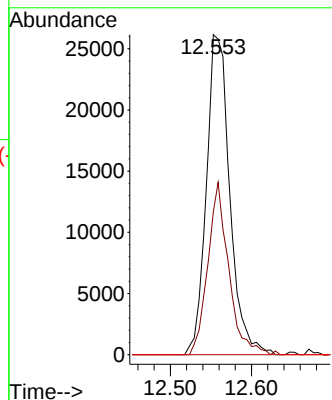
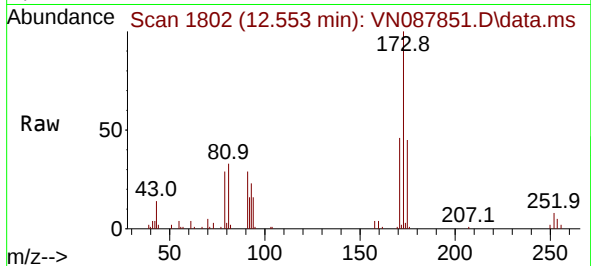




#71
Bromoform
Concen: 21.065 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

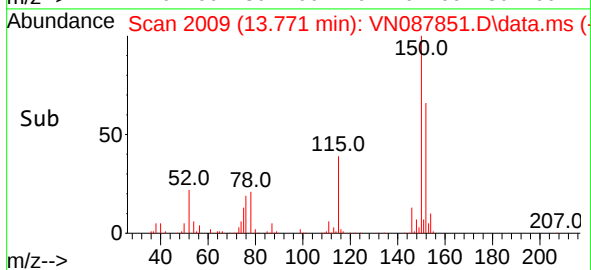
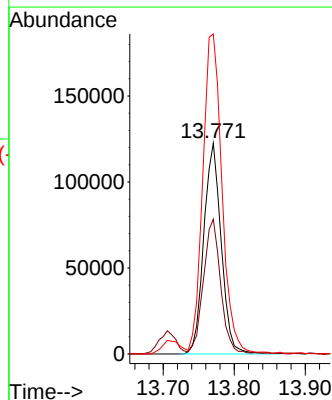
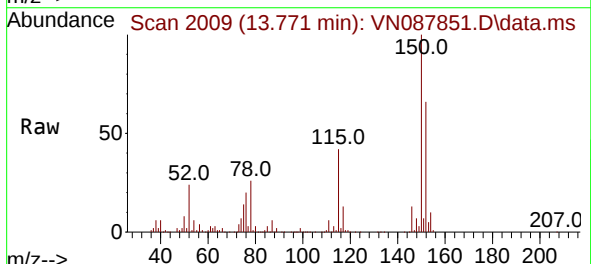
Instrument :
MSVOA_N
ClientSampleId :

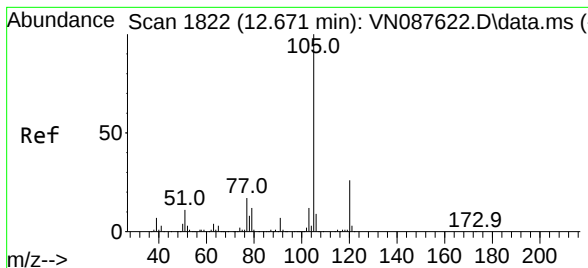
Tgt Ion:173 Resp: 52426
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:152 Resp: 209579
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 166.2 0.0 351.0





#73

Isopropylbenzene

Concen: 17.400 ug/l

RT: 12.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

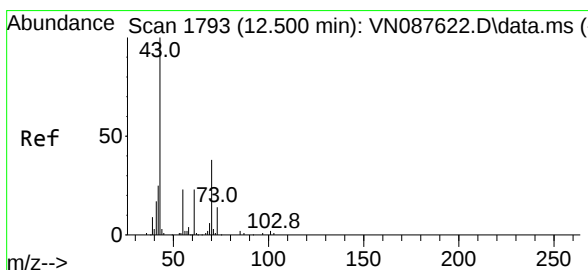
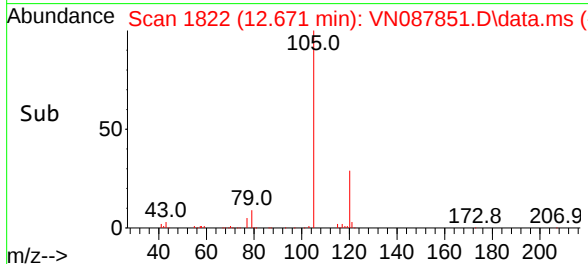
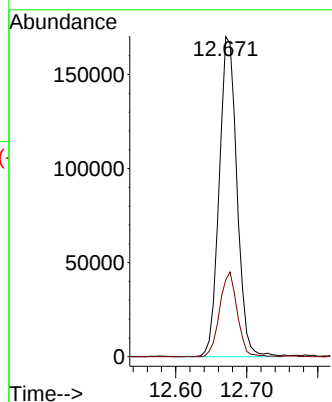
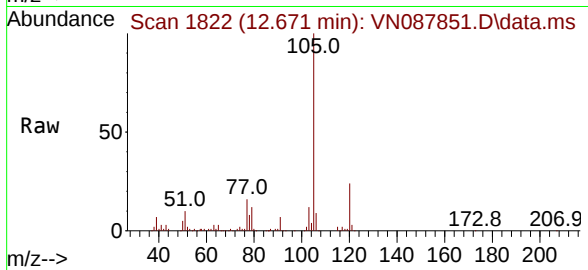
ClientSampleId :

Tgt Ion:105 Resp: 294667

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 1.736 ug/l

RT: 12.541 min Scan# 1800

Delta R.T. 0.041 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Tgt Ion: 43 Resp: 11141

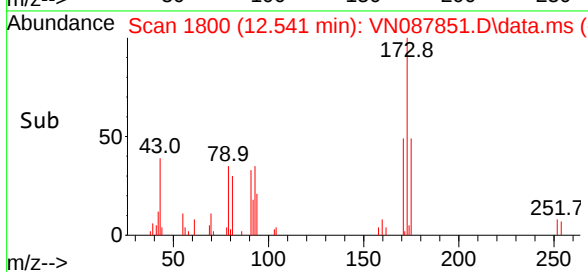
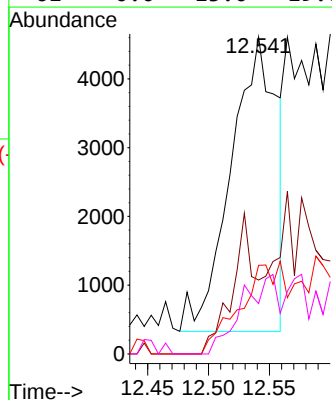
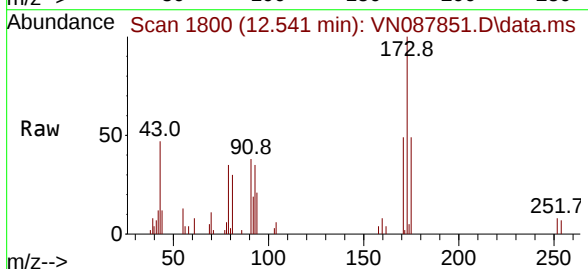
Ion Ratio Lower Upper

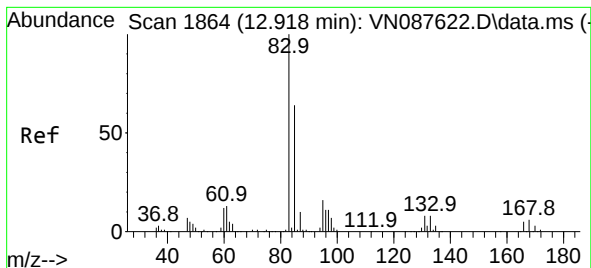
43 100

70 23.4 27.6 41.4#

55 0.0 13.0 19.6#

61 0.0 13.0 19.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.504 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

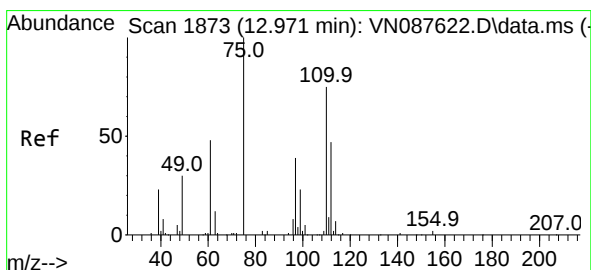
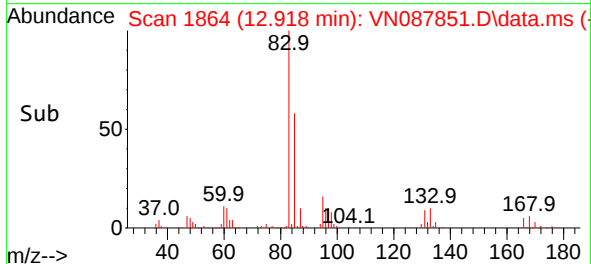
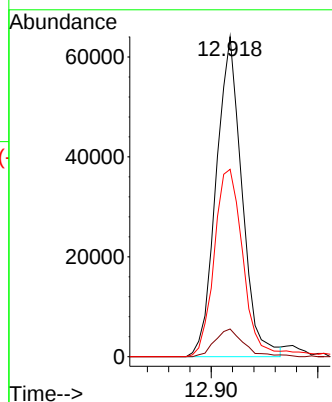
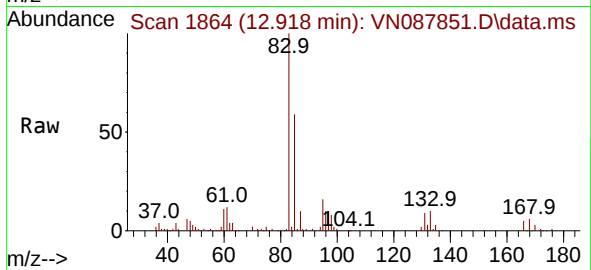
Tgt Ion: 83 Resp: 107892

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

85 66.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 27.313 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN087851.D

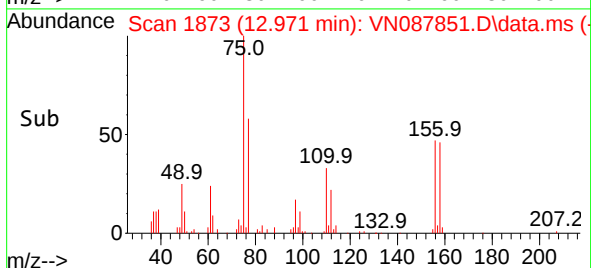
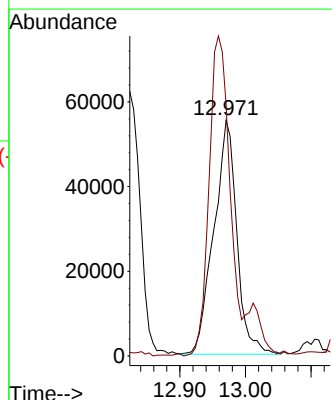
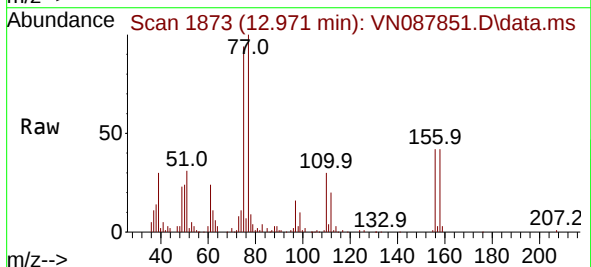
Acq: 16 Sep 2025 15:46

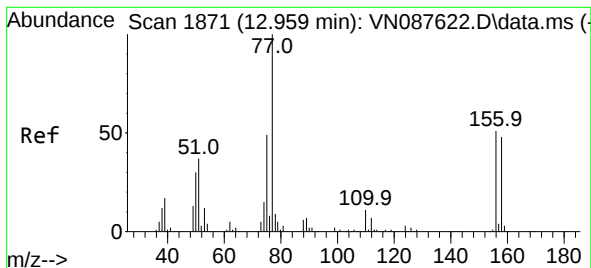
Tgt Ion: 75 Resp: 134236

Ion Ratio Lower Upper

75 100

77 125.1 89.1 267.4





#77

Bromobenzene

Concen: 18.936 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

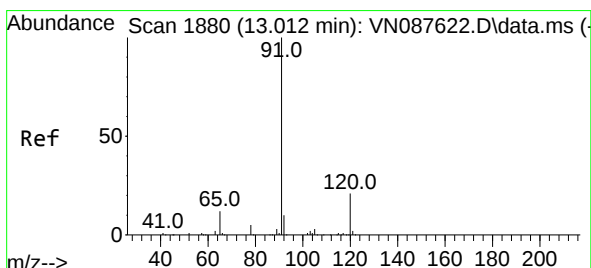
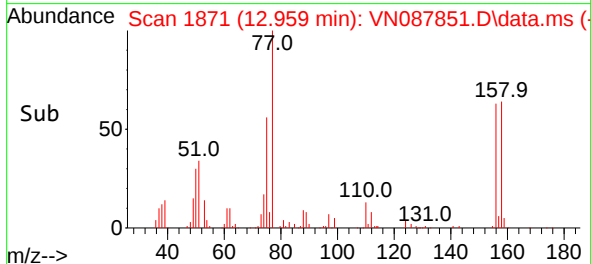
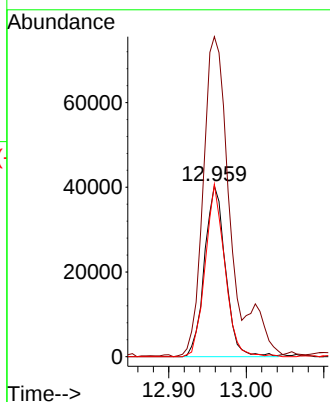
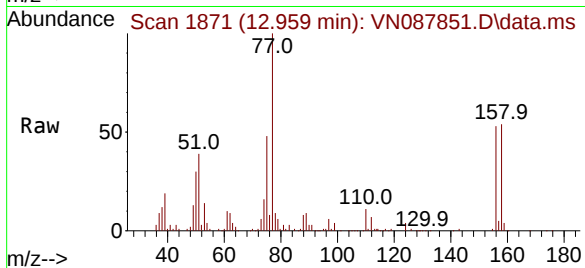
Tgt Ion:156 Resp: 75614

Ion Ratio Lower Upper

156 100

77 222.1 119.3 358.0

158 95.2 48.2 144.6



#78

n-propylbenzene

Concen: 18.089 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN087851.D

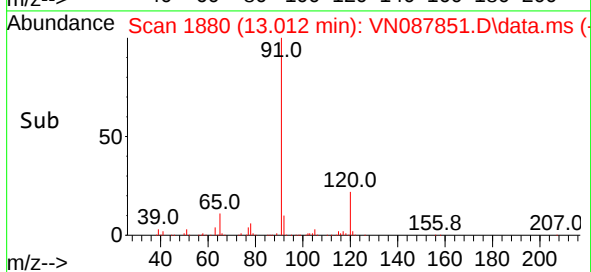
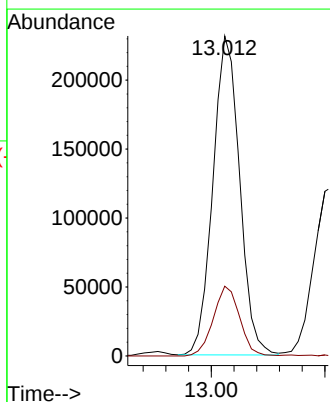
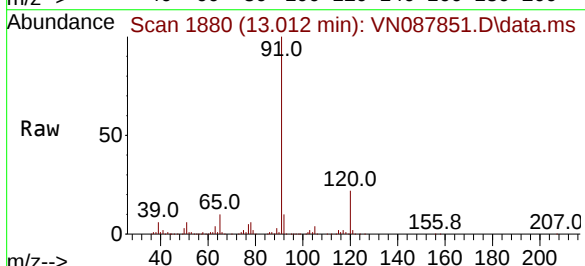
Acq: 16 Sep 2025 15:46

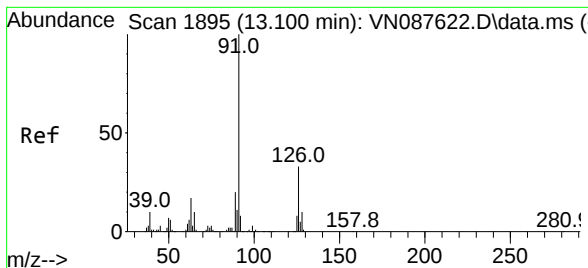
Tgt Ion: 91 Resp: 377345

Ion Ratio Lower Upper

91 100

120 21.5 10.7 32.1

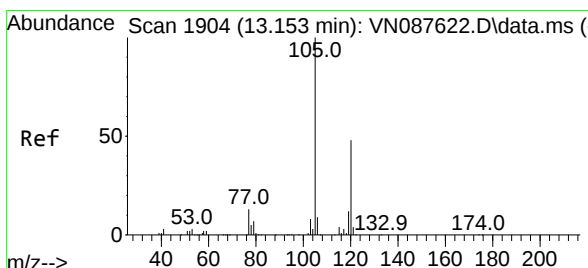
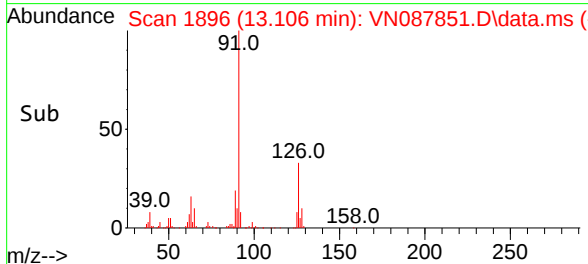
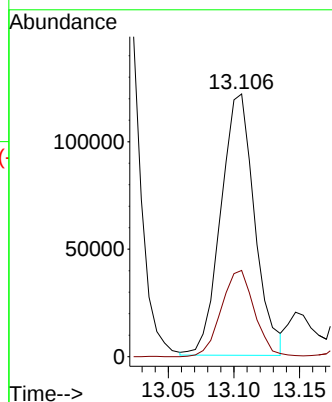
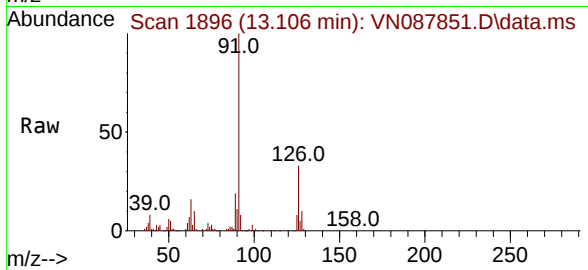




#79
2-Chlorotoluene
Concen: 17.397 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

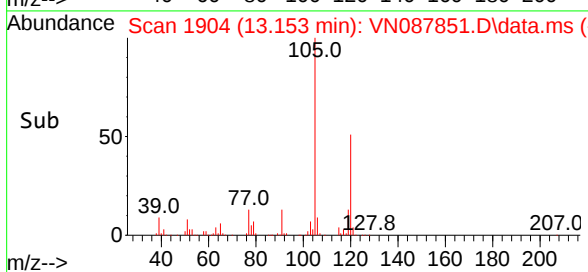
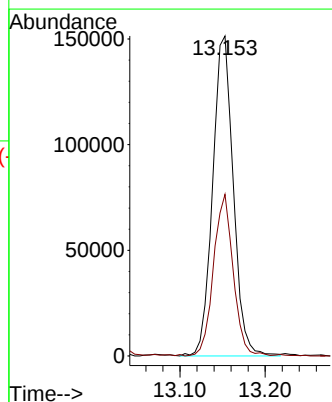
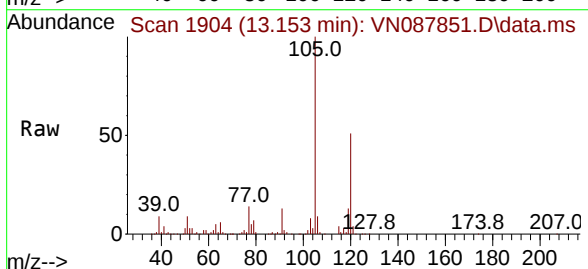
Instrument :
MSVOA_N
ClientSampleId :

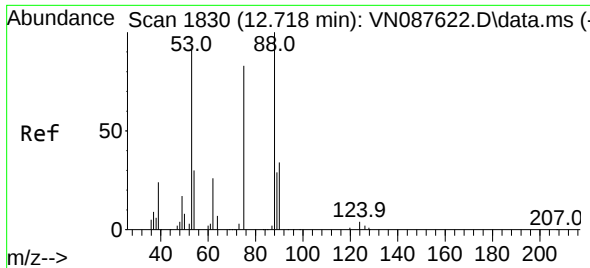
Tgt Ion: 91 Resp: 218388
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 17.787 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 105 Resp: 255538
Ion Ratio Lower Upper
105 100
120 48.2 23.2 69.6

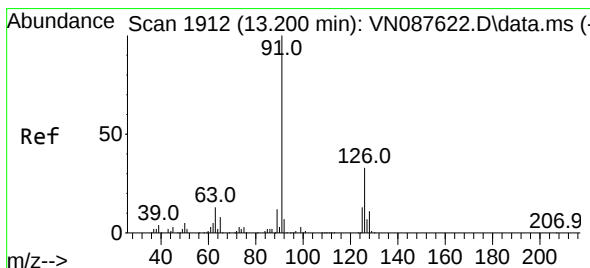
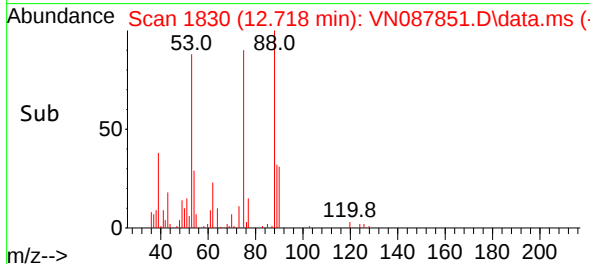
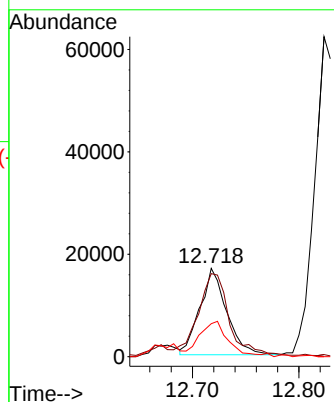
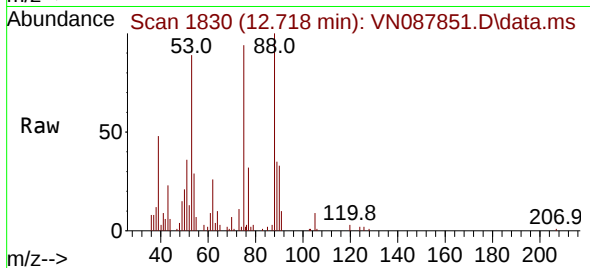




#81
trans-1,4-Dichloro-2-butene
Concen: 15.861 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

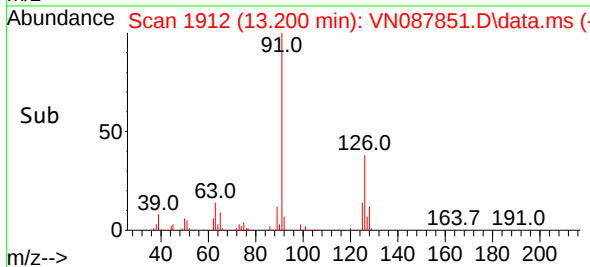
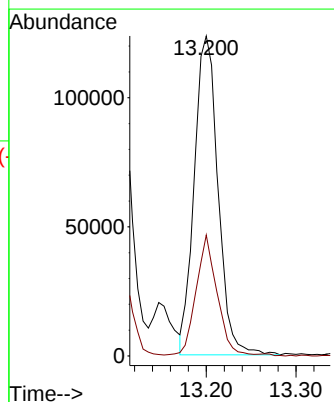
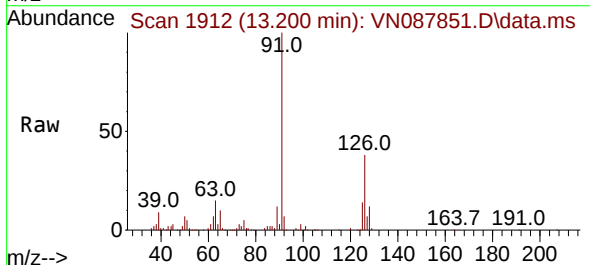
Instrument :
MSVOA_N
ClientSampleId :

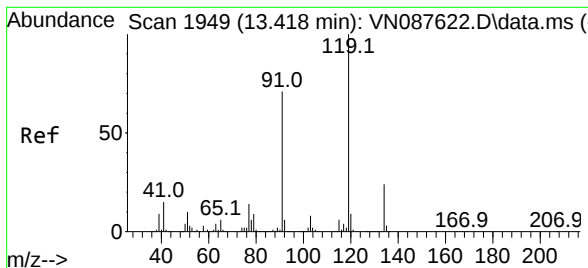
Tgt Ion: 75 Resp: 29446
Ion Ratio Lower Upper
75 100
53 110.5 101.8 152.6
89 44.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 17.200 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion: 91 Resp: 227013
Ion Ratio Lower Upper
91 100
126 32.9 15.6 46.8





#83

tert-Butylbenzene

Concen: 18.468 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

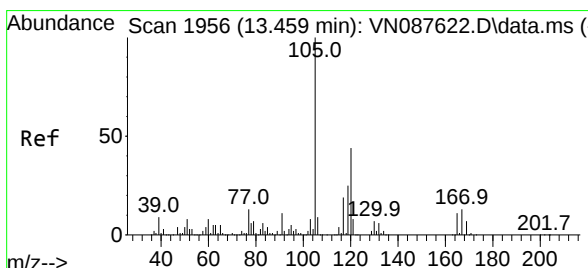
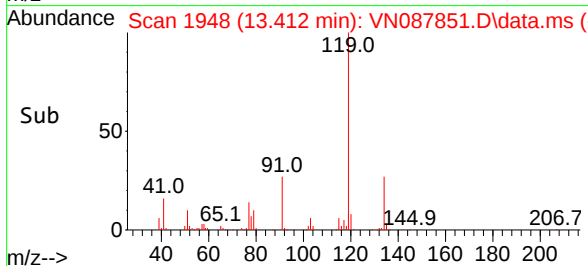
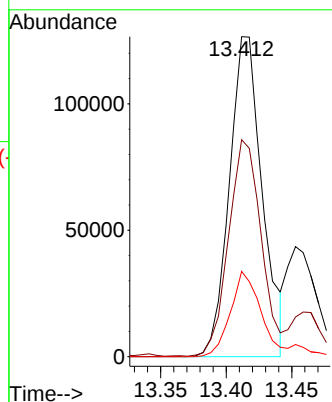
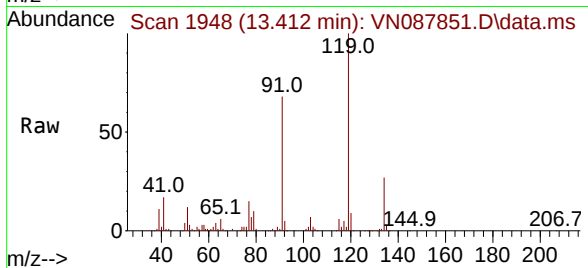
Tgt Ion:119 Resp: 221104

Ion Ratio Lower Upper

119 100

91 66.8 35.0 105.0

134 24.7 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 18.018 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087851.D

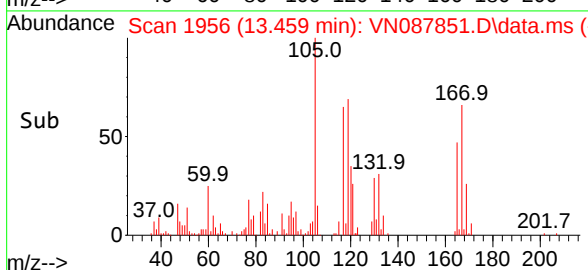
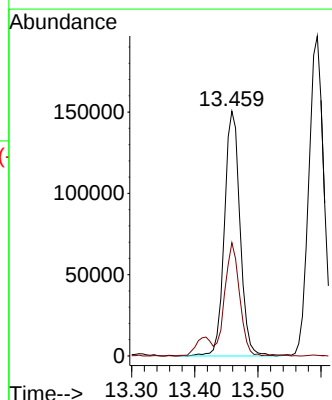
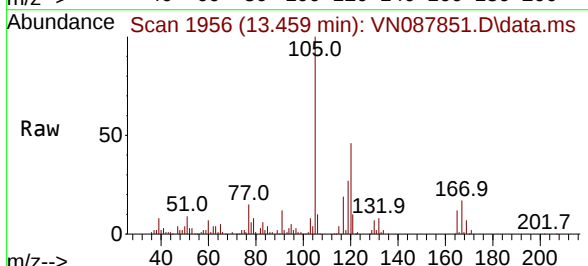
Acq: 16 Sep 2025 15:46

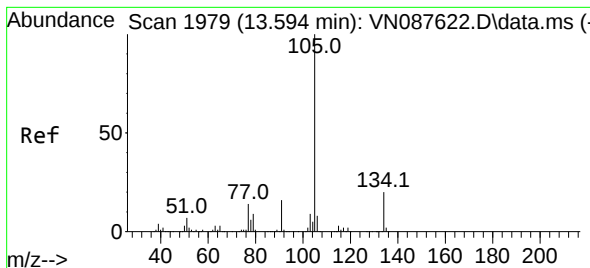
Tgt Ion:105 Resp: 259126

Ion Ratio Lower Upper

105 100

120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.404 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

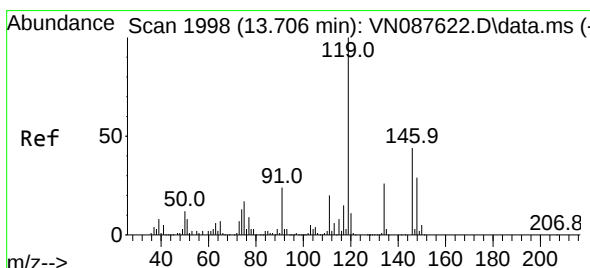
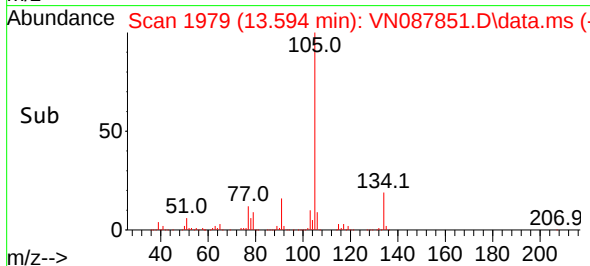
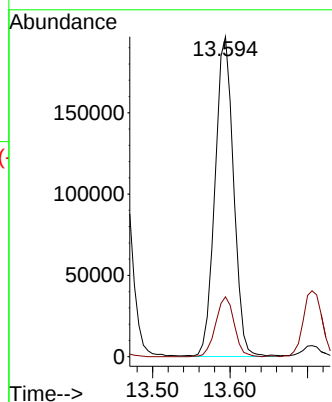
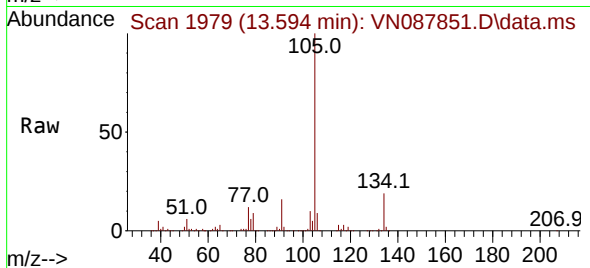
ClientSampleId :

Tgt Ion:105 Resp: 326968

Ion Ratio Lower Upper

105 100

134 18.7 9.6 28.6



#86

p-Isopropyltoluene

Concen: 18.851 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

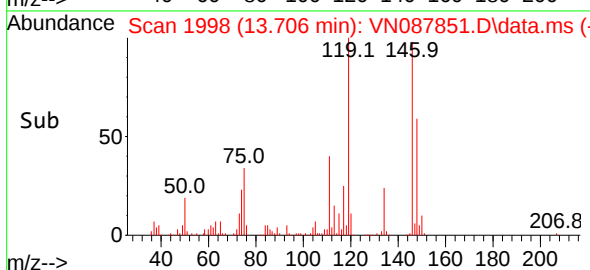
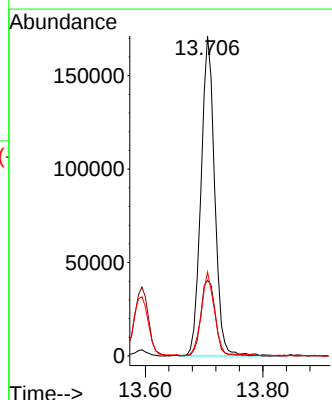
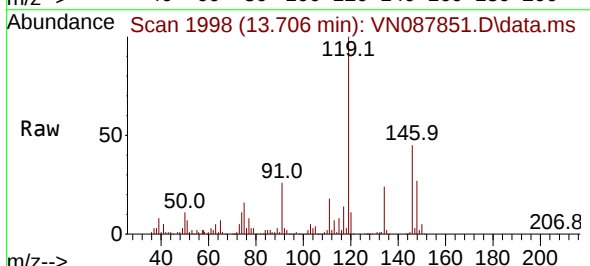
Tgt Ion:119 Resp: 276556

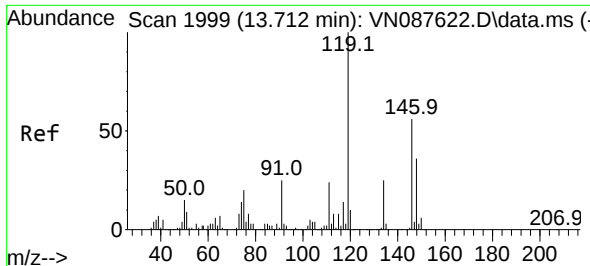
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.0

91 24.7 12.5 37.5

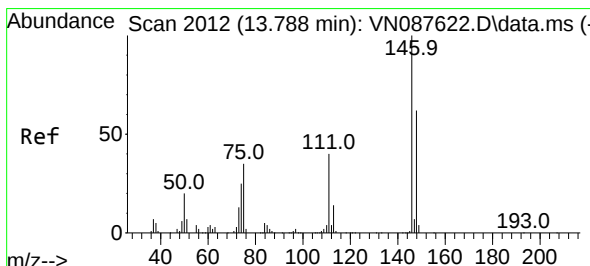
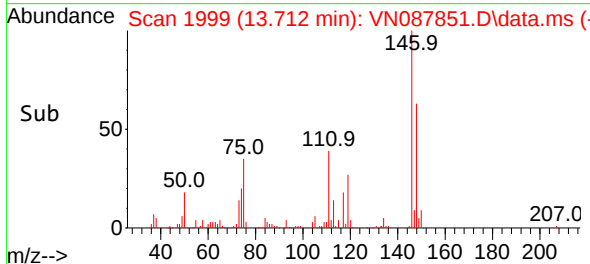
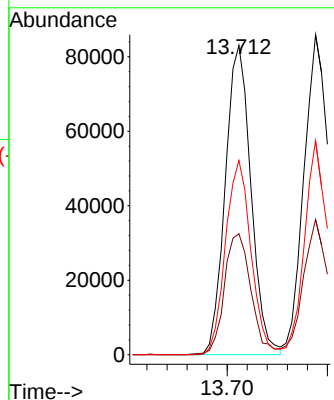
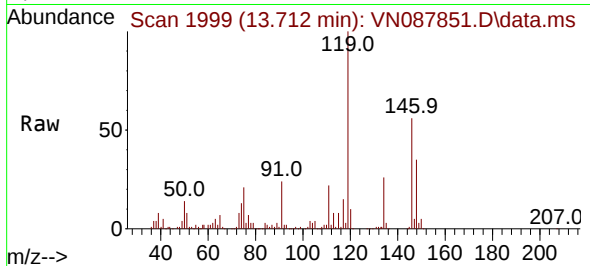




#87
 1,3-Dichlorobenzene
 Concen: 18.795 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

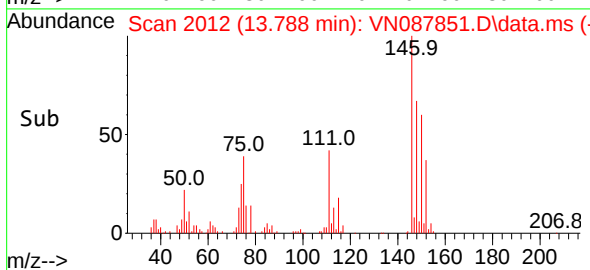
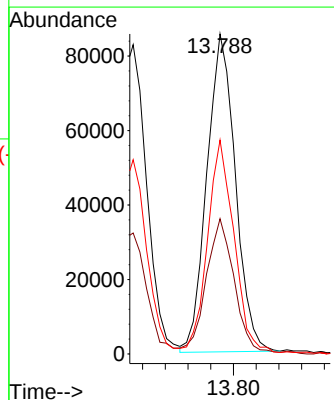
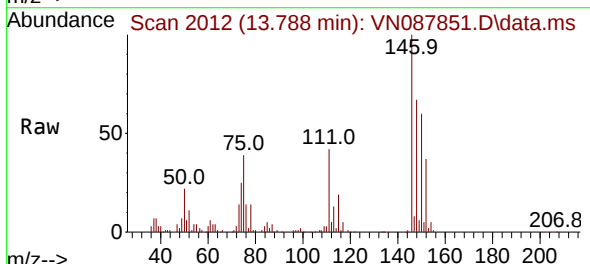
Instrument :
 MSVOA_N
 ClientSampleId :

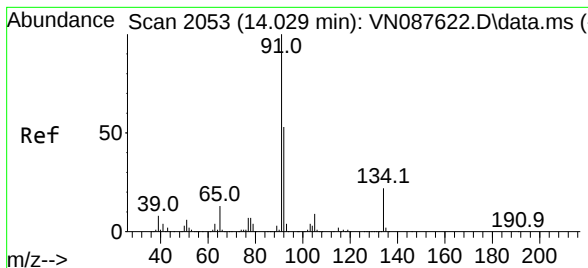
Tgt Ion:146 Resp: 147792
 Ion Ratio Lower Upper
 146 100
 111 40.1 22.1 66.5
 148 62.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.189 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

Tgt Ion:146 Resp: 148845
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.0 63.0
 148 62.1 32.0 96.0





#89

n-Butylbenzene

Concen: 17.694 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

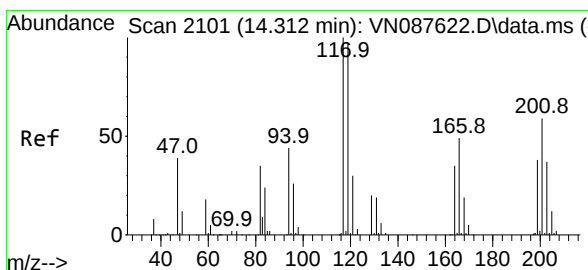
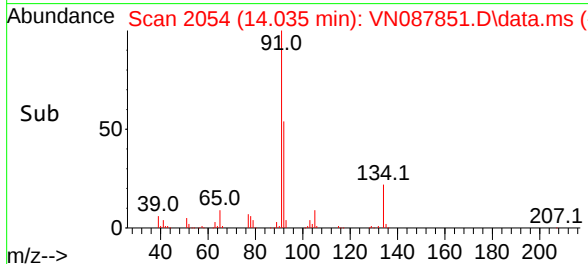
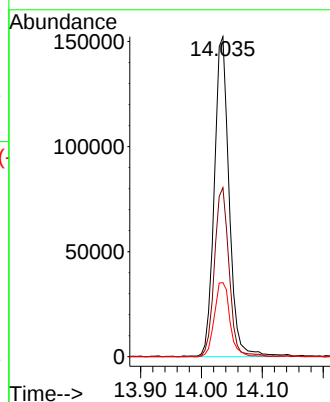
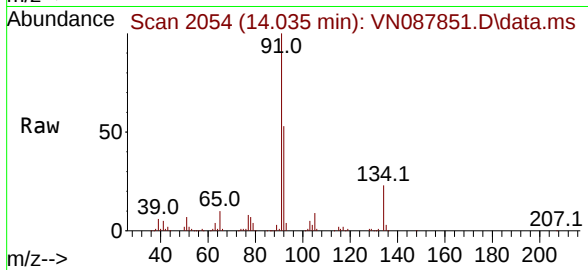
Tgt Ion: 91 Resp: 257806

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.3 11.7 35.0



#90

Hexachloroethane

Concen: 19.275 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087851.D

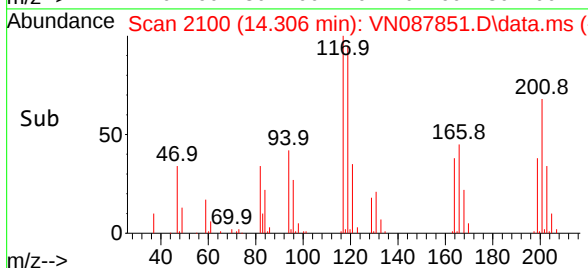
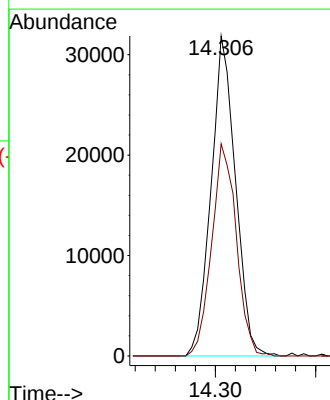
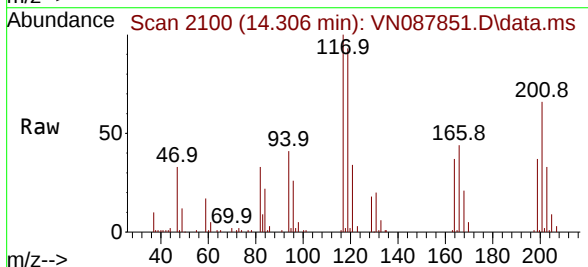
Acq: 16 Sep 2025 15:46

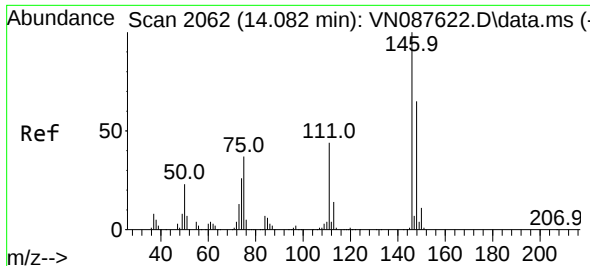
Tgt Ion: 117 Resp: 53872

Ion Ratio Lower Upper

117 100

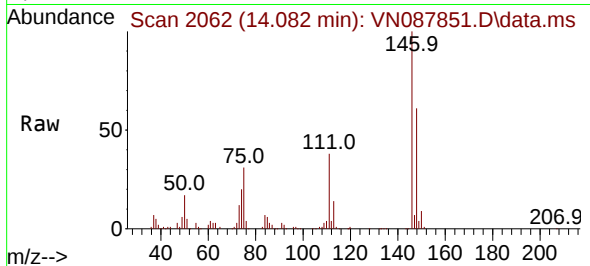
201 66.9 29.1 87.4



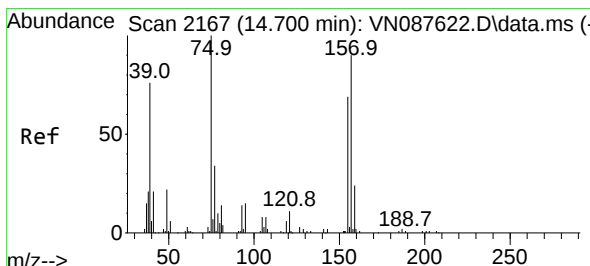
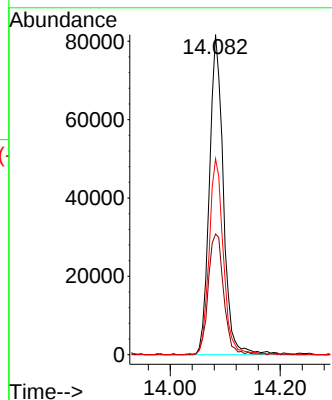
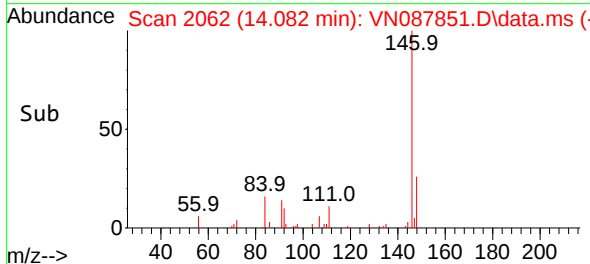


#91
 1,2-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46

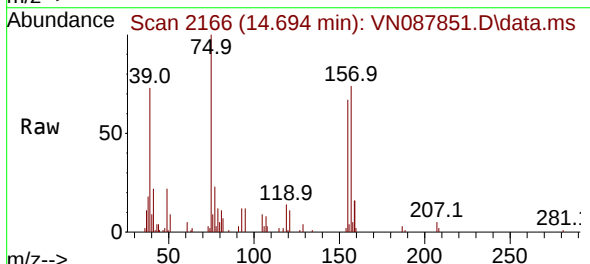
Instrument :
 MSVOA_N
 ClientSampleId :



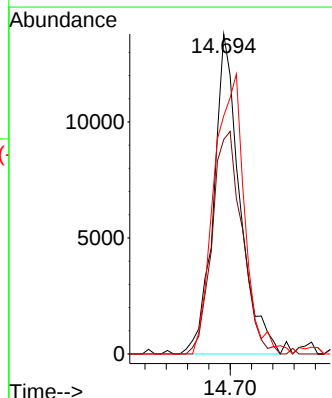
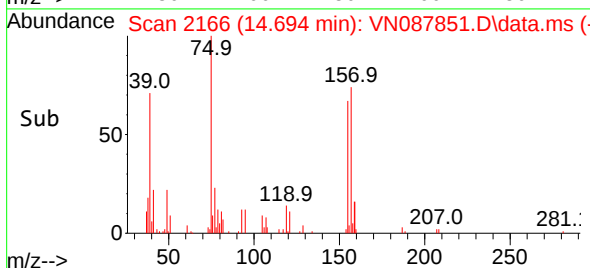
Tgt Ion:146 Resp: 143628
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.6 67.8
 148 62.5 31.9 95.9

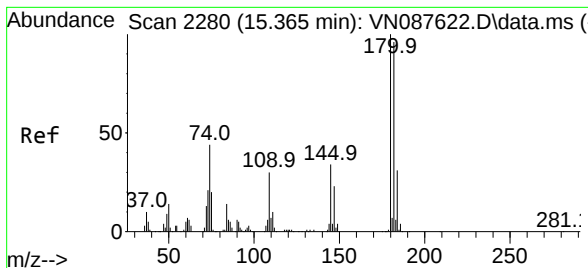


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.941 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087851.D
 Acq: 16 Sep 2025 15:46



Tgt Ion: 75 Resp: 23465
 Ion Ratio Lower Upper
 75 100
 155 79.7 36.6 109.9
 157 101.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.999 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

Instrument :

MSVOA_N

ClientSampleId :

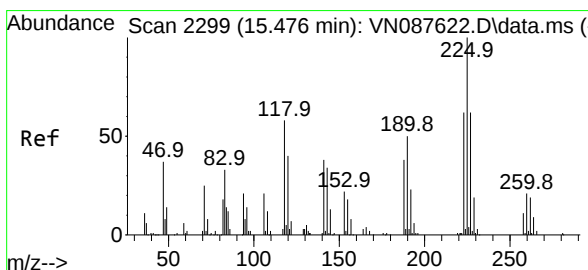
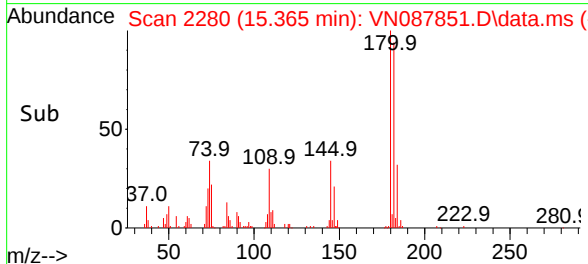
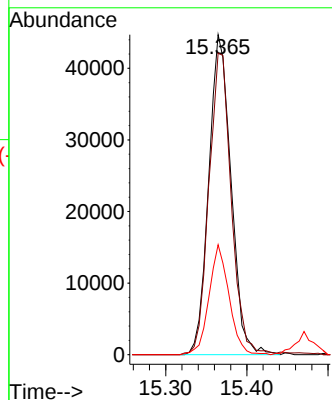
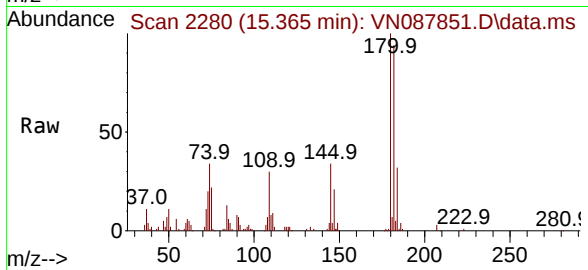
Tgt Ion:180 Resp: 85112

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 30.9 16.5 49.5



#94

Hexachlorobutadiene

Concen: 20.911 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087851.D

Acq: 16 Sep 2025 15:46

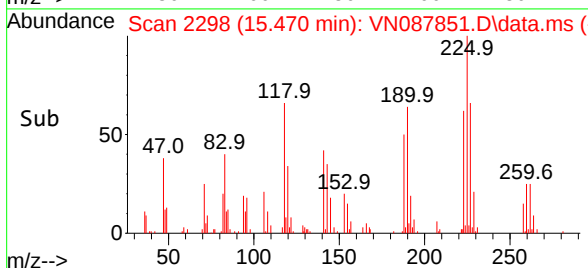
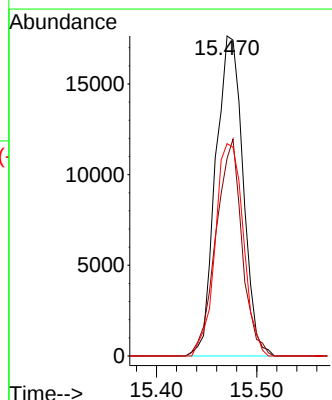
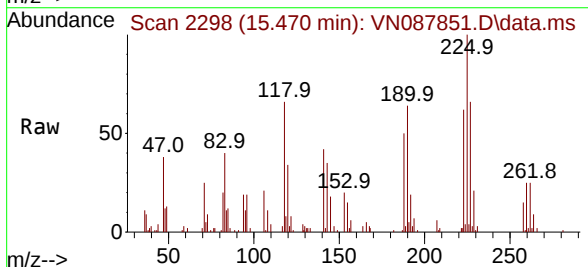
Tgt Ion:225 Resp: 33396

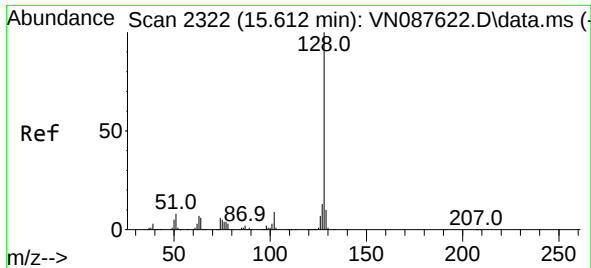
Ion Ratio Lower Upper

225 100

223 64.6 32.0 96.2

227 68.1 32.1 96.5

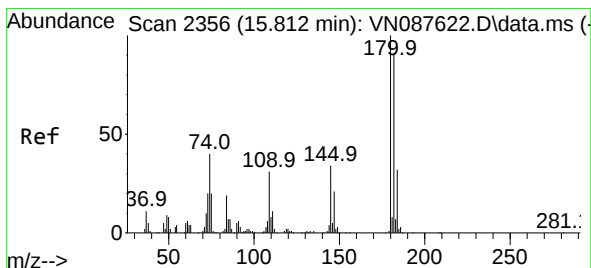
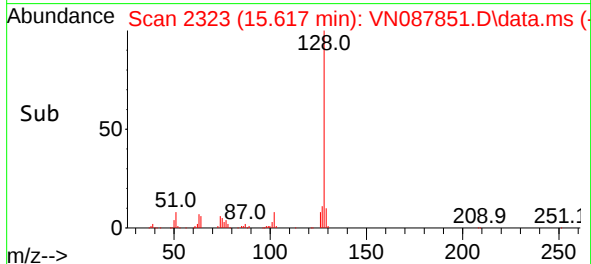
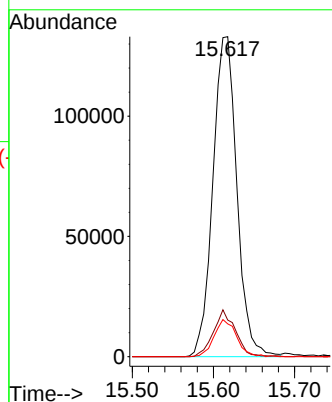
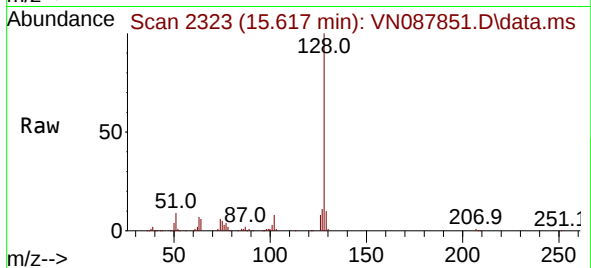




#95
Naphthalene
Concen: 17.261 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 273883
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.597 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087851.D
Acq: 16 Sep 2025 15:46

Tgt Ion:180 Resp: 81446
Ion Ratio Lower Upper
180 100
182 94.9 46.8 140.3
145 32.7 17.3 52.0

