

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087753.D
 Acq On : 08 Sep 2025 11:20
 Operator : JC\MD
 Sample : VN0908WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Quant Time: Sep 09 02:25:55 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	249385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	457673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	416132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	211983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	206596	40.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.860%		
35) Dibromofluoromethane	8.147	113	148695	44.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	10.541	98	548220	44.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.824	95	195567	44.464	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72836	20.564	ug/l	100
3) Chloromethane	2.383	50	68923	18.935	ug/l	100
4) Vinyl Chloride	2.536	62	80749	19.133	ug/l	95
5) Bromomethane	2.983	94	45587	20.934	ug/l	93
6) Chloroethane	3.142	64	52824	17.808	ug/l	98
7) Trichlorofluoromethane	3.512	101	127701	20.652	ug/l	98
8) Diethyl Ether	3.959	74	46202	17.157	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	71165	20.340	ug/l	98
10) Methyl Iodide	4.577	142	43325	21.123	ug/l	97
11) Tert butyl alcohol	5.518	59	74221	83.672	ug/l	100
12) 1,1-Dichloroethene	4.342	96	68169	18.960	ug/l	91
13) Acrolein	4.183	56	92142	84.495	ug/l	98
14) Allyl chloride	5.012	41	103832	15.936	ug/l	96
15) Acrylonitrile	5.706	53	212443	84.920	ug/l	100
16) Acetone	4.418	43	215166	77.356	ug/l	99
17) Carbon Disulfide	4.706	76	167947	16.967	ug/l	97
18) Methyl Acetate	5.018	43	117921	20.248	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	237911	17.638	ug/l	96
20) Methylene Chloride	5.265	84	69247	16.377	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	64185	16.471	ug/l	98
22) Diisopropyl ether	6.659	45	249101	17.716	ug/l	98
23) Vinyl Acetate	6.589	43	1099462	85.948	ug/l	100
24) 1,1-Dichloroethane	6.553	63	136523	17.709	ug/l	98
25) 2-Butanone	7.471	43	304929	83.327	ug/l	100
26) 2,2-Dichloropropane	7.477	77	122562	18.523	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	79529	17.072	ug/l	98
28) Bromochloromethane	7.794	49	65165	17.484	ug/l	99
29) Tetrahydrofuran	7.824	42	196862	83.591	ug/l	98
30) Chloroform	7.947	83	140240	17.822	ug/l	91
31) Cyclohexane	8.236	56	119832	18.645	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	121426	18.209	ug/l	97
36) 1,1-Dichloropropene	8.347	75	93562	18.456	ug/l	97
37) Ethyl Acetate	7.547	43	119316	17.224	ug/l	99
38) Carbon Tetrachloride	8.341	117	105004	20.979	ug/l	93
39) Methylcyclohexane	9.583	83	111909	20.051	ug/l	97
40) Benzene	8.588	78	289813	18.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	65320	18.204	ug/l	96
42) 1,2-Dichloroethane	8.647	62	110324	18.464	ug/l	100
43) Isopropyl Acetate	8.671	43	198675	18.370	ug/l	98
44) Trichloroethene	9.336	130	65759	18.525	ug/l	99
45) 1,2-Dichloropropane	9.600	63	75239	18.358	ug/l	98
46) Dibromomethane	9.688	93	56413	19.343	ug/l	97
47) Bromodichloromethane	9.871	83	114773	19.202	ug/l	94
48) Methyl methacrylate	9.659	41	90670	17.724	ug/l	99
49) 1,4-Dioxane	9.683	88	24445	368.674	ug/l #	91
51) 4-Methyl-2-Pentanone	10.424	43	618693	94.816	ug/l	100
52) Toluene	10.606	92	179456	18.617	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	118072	19.084	ug/l	94
54) cis-1,3-Dichloropropene	10.288	75	121736	18.950	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	71727	19.236	ug/l	97
56) Ethyl methacrylate	10.853	69	117235	19.673	ug/l	98
57) 1,3-Dichloropropane	11.141	76	123780	18.757	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	278264	86.272	ug/l	100
59) 2-Hexanone	11.177	43	401035	97.246	ug/l	100
60) Dibromochloromethane	11.335	129	81915	18.959	ug/l	99
61) 1,2-Dibromoethane	11.447	107	72863	18.531	ug/l	99
64) Tetrachloroethene	11.082	164	55013	19.055	ug/l	92
65) Chlorobenzene	11.871	112	194912	18.827	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	71101	20.687	ug/l	98
67) Ethyl Benzene	11.941	91	344565	19.223	ug/l	97
68) m/p-Xylenes	12.047	106	256482	39.015	ug/l	98
69) o-Xylene	12.377	106	121236	18.819	ug/l	96
70) Styrene	12.388	104	210348	19.489	ug/l	99
71) Bromoform	12.559	173	53879	20.440	ug/l	96
73) Isopropylbenzene	12.671	105	328324	19.167	ug/l	99
74) N-amyl acetate	12.518	43	29004	4.468	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.912	83	115548	19.593	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	147038	29.578	ug/l	61
77) Bromobenzene	12.959	156	76306	18.893	ug/l	98
78) n-propylbenzene	13.012	91	417970	19.810	ug/l	99
79) 2-Chlorotoluene	13.100	91	246367	19.403	ug/l	96
80) 1,3,5-Trimethylbenzene	13.147	105	275555	18.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	33950	18.080	ug/l	90
82) 4-Chlorotoluene	13.200	91	248629	18.624	ug/l	98
83) tert-Butylbenzene	13.412	119	246075	20.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	277689	19.089	ug/l	99
85) sec-Butylbenzene	13.594	105	365499	20.339	ug/l	99
86) p-Isopropyltoluene	13.706	119	300261	20.235	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	151214	19.012	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	154233	18.634	ug/l	99
89) n-Butylbenzene	14.029	91	303902	20.621	ug/l	100
90) Hexachloroethane	14.312	117	59984	21.218	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	143673	19.040	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23538	16.801	ug/l	94
93) 1,2,4-Trichlorobenzene	15.365	180	83637	18.458	ug/l	99
94) Hexachlorobutadiene	15.470	225	34460	21.332	ug/l	98
95) Naphthalene	15.612	128	284818	17.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	81832	18.474	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

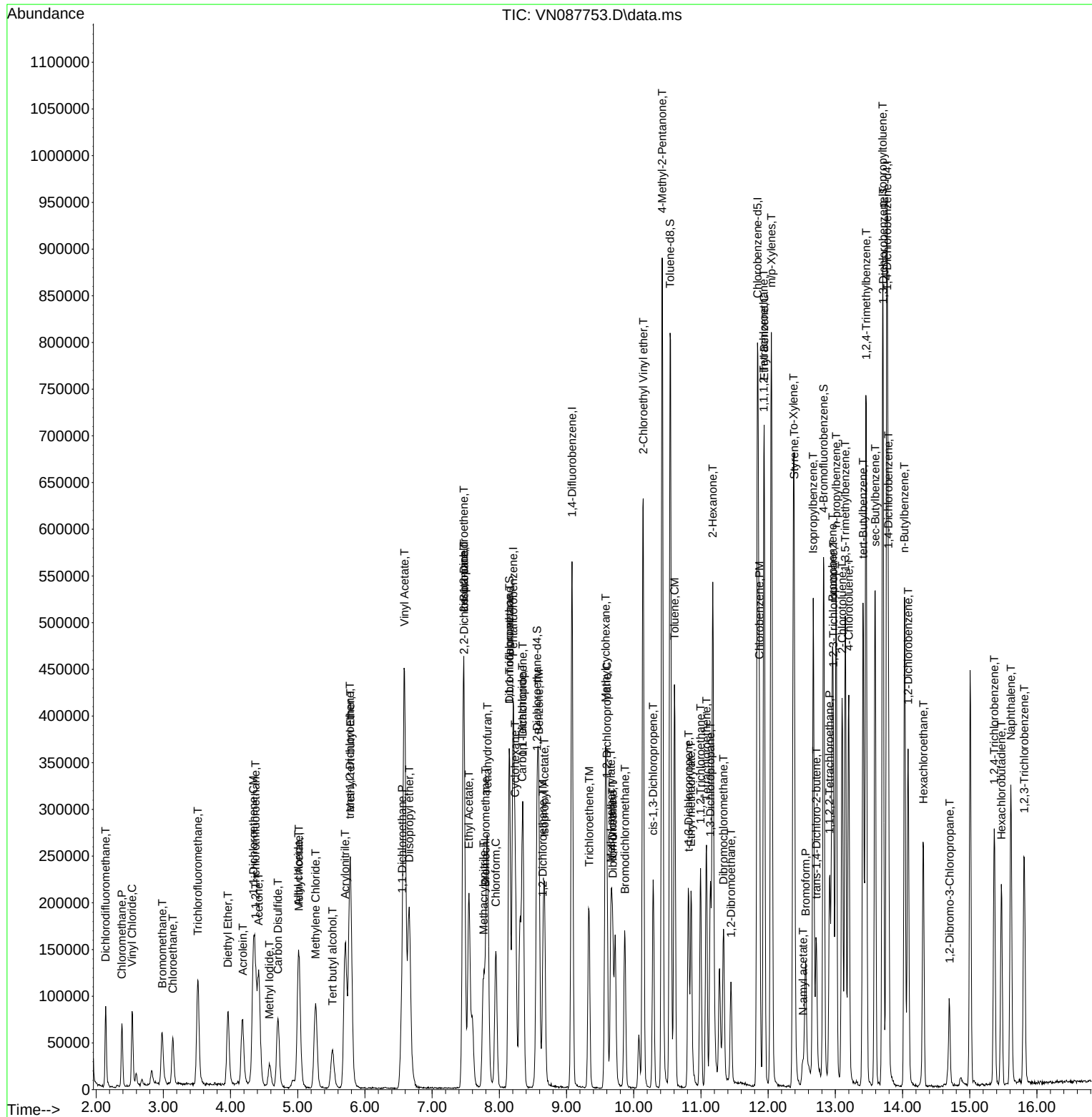
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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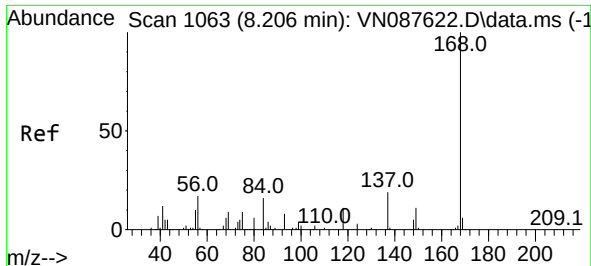
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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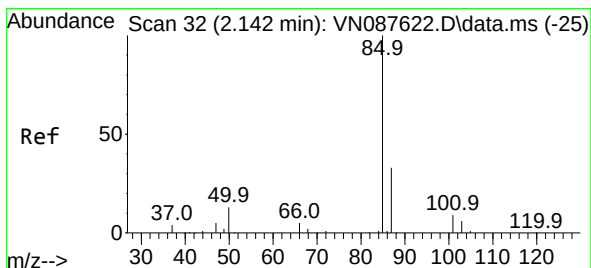
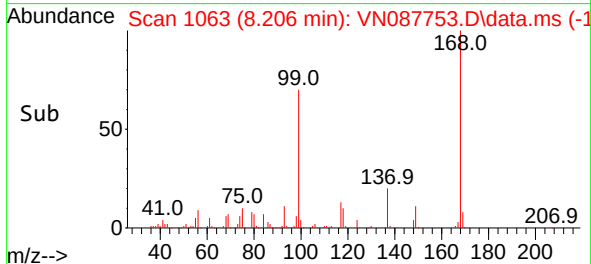
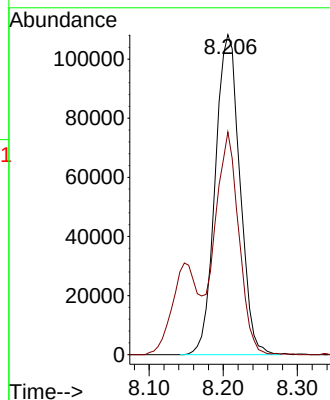
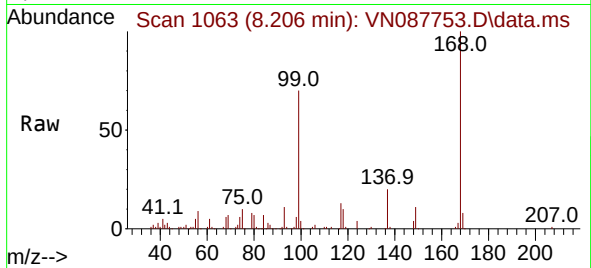




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087753.D
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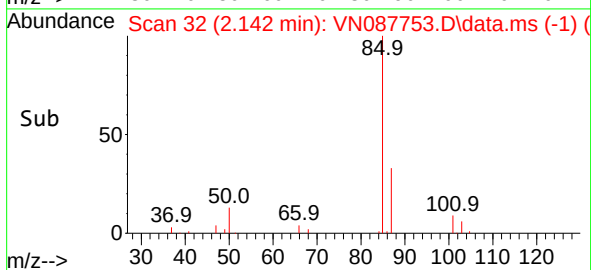
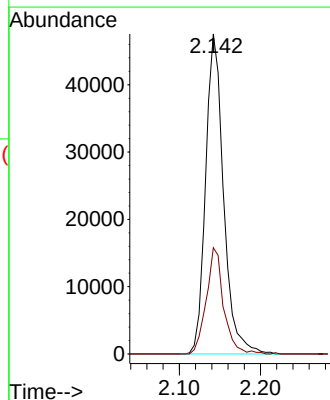
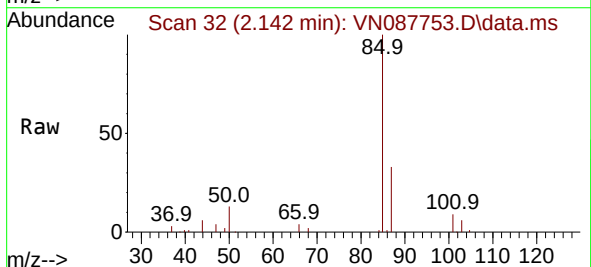
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

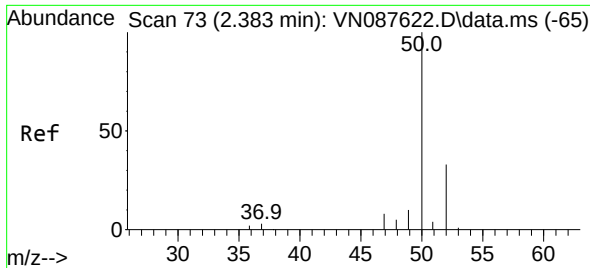
Tgt Ion:168 Resp: 249385
Ion Ratio Lower Upper
168 100
99 69.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 20.564 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 85 Resp: 72836
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8

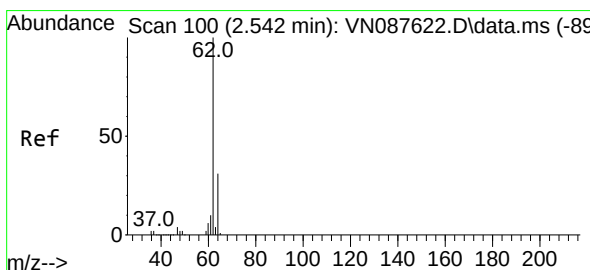
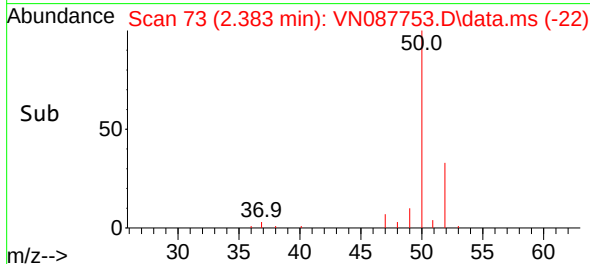
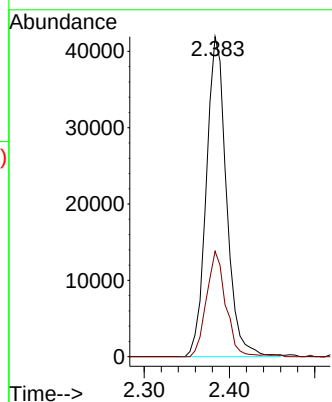
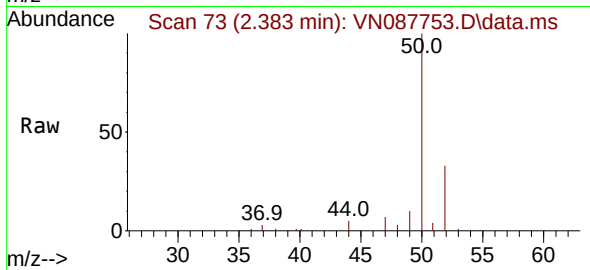




#3
Chloromethane
Concen: 18.935 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

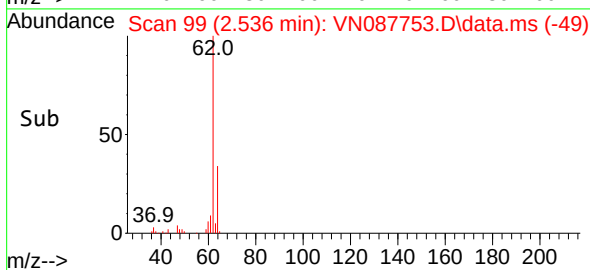
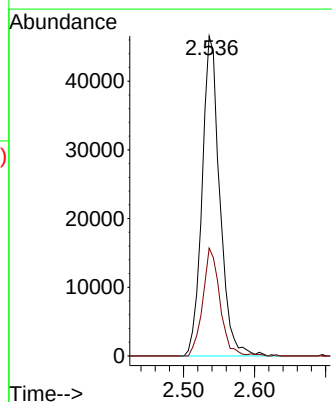
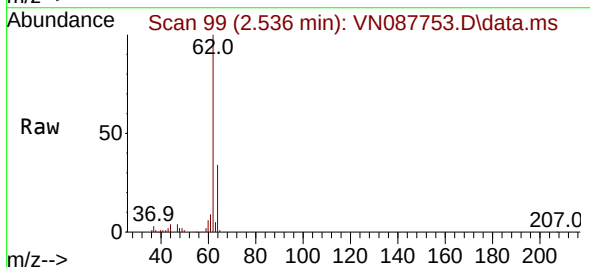
Instrument :
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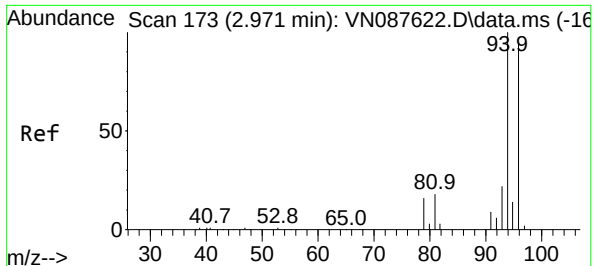
Tgt Ion: 50 Resp: 68923
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.4



#4
Vinyl Chloride
Concen: 19.133 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 62 Resp: 80749
Ion Ratio Lower Upper
62 100
64 33.7 24.6 37.0

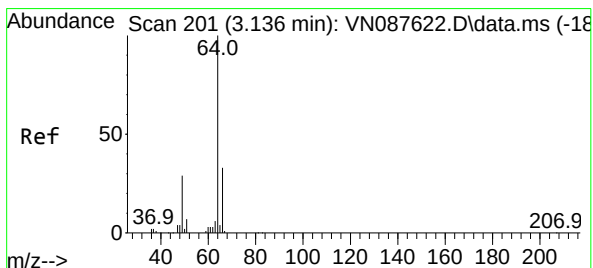
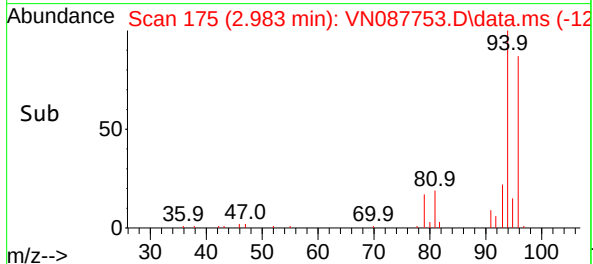
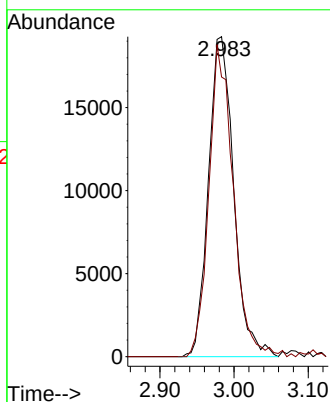
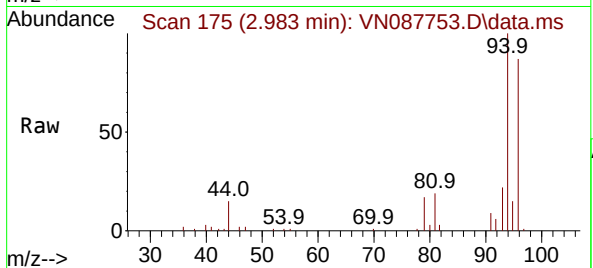




#5
Bromomethane
Concen: 20.934 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

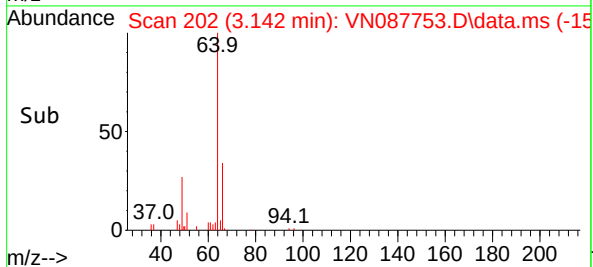
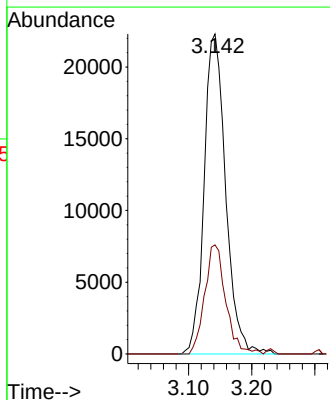
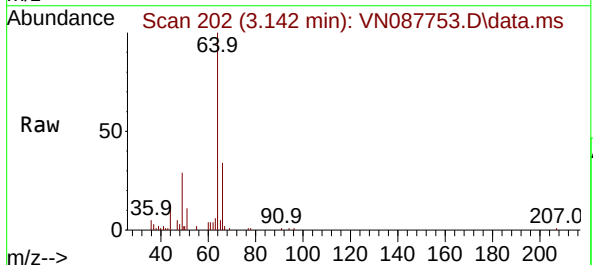
Instrument :
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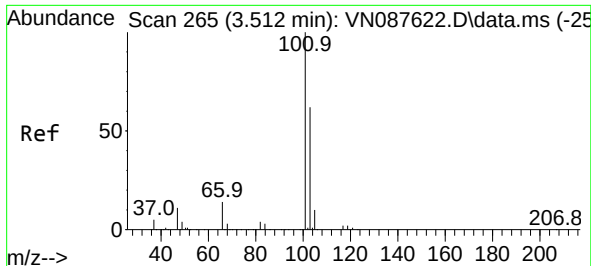
Tgt Ion: 94 Resp: 45587
Ion Ratio Lower Upper
94 100
96 87.4 75.4 113.2



#6
Chloroethane
Concen: 17.808 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 64 Resp: 52824
Ion Ratio Lower Upper
64 100
66 34.1 26.2 39.2

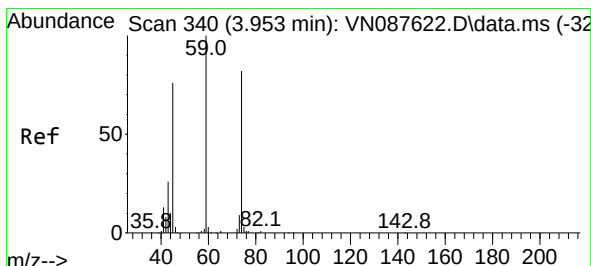
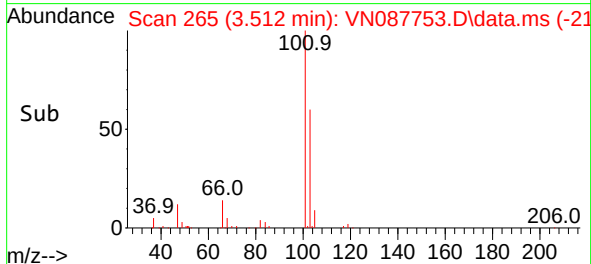
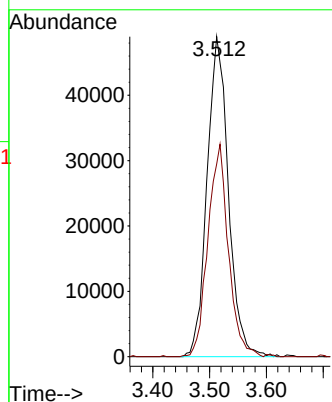
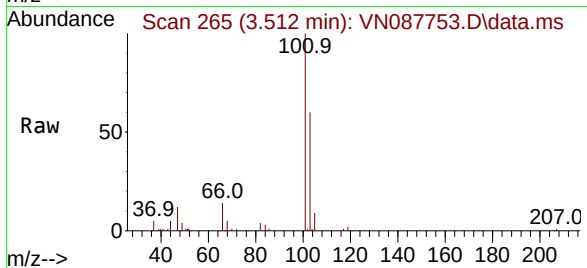




#7
 Trichlorofluoromethane
 Concen: 20.652 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

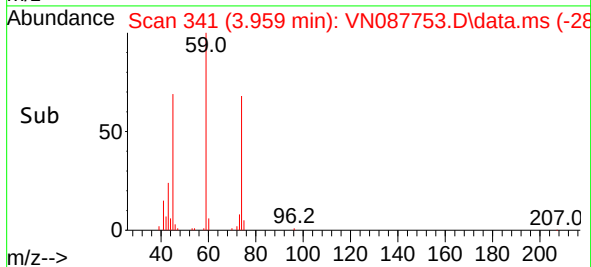
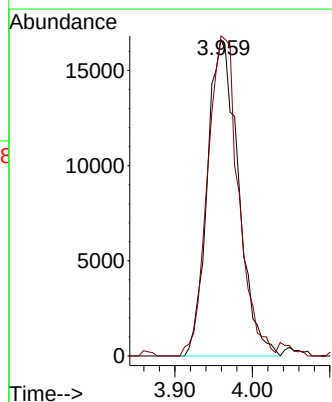
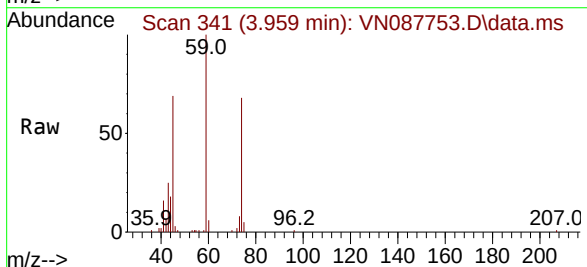
Instrument :
 MSVOA_N
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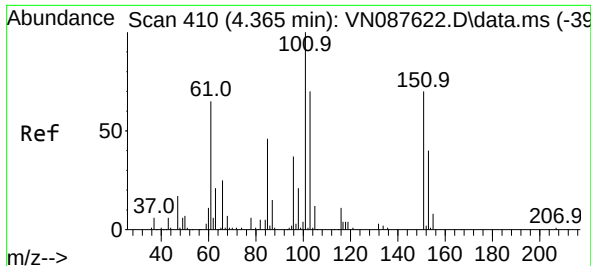
Tgt Ion:101 Resp: 127701
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 17.157 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087753.D
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Tgt Ion: 74 Resp: 46202
 Ion Ratio Lower Upper
 74 100
 45 100.9 50.6 151.9

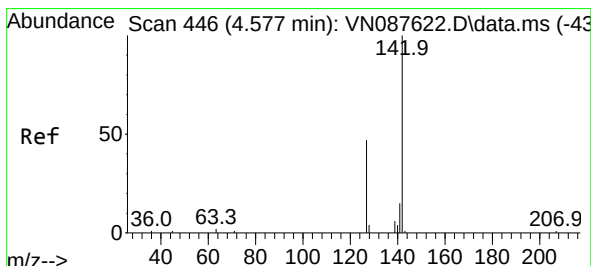
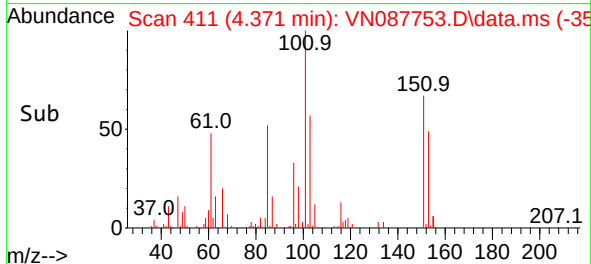
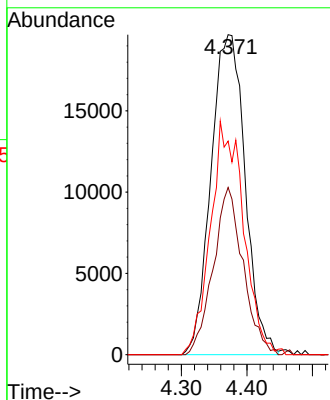
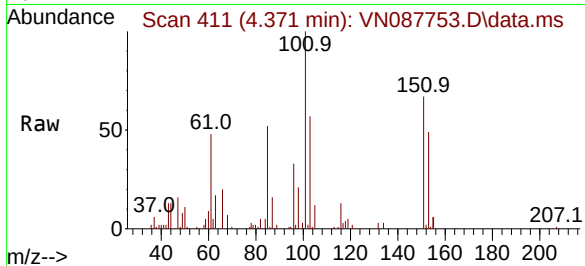




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.340 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

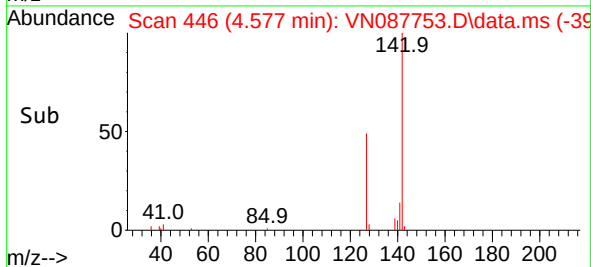
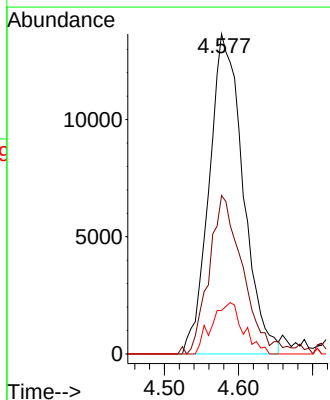
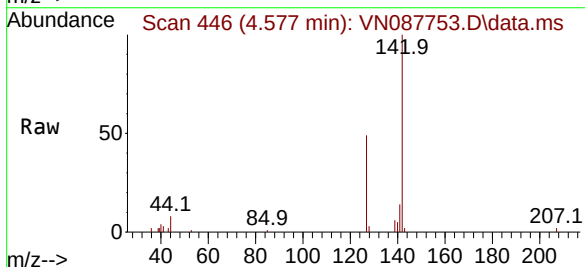
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

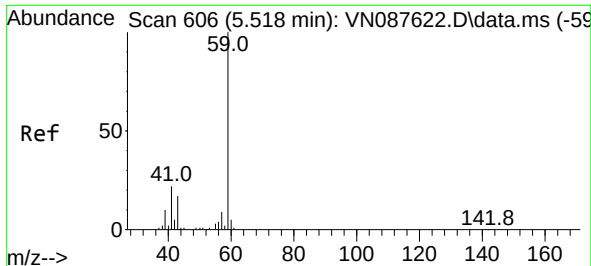
Tgt Ion:101 Resp: 71165
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 70.5 54.7 82.1



#10
Methyl Iodide
Concen: 21.123 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion:142 Resp: 43325
Ion Ratio Lower Upper
142 100
127 49.5 38.0 57.0
141 13.6 12.0 18.0

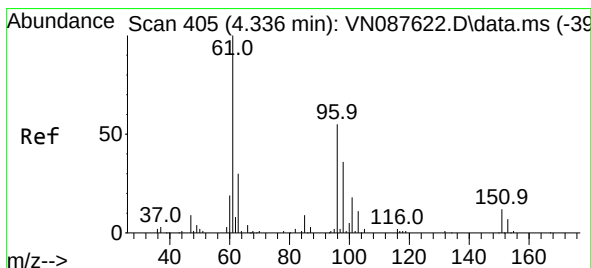
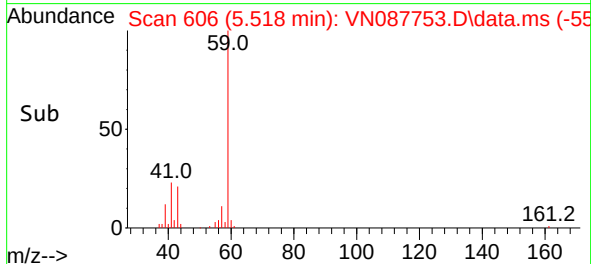
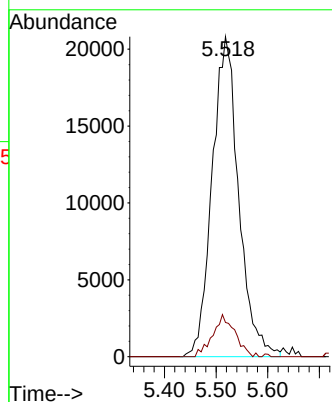
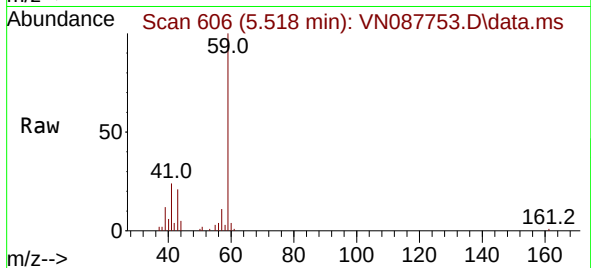




#11
Tert butyl alcohol
Concen: 83.672 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

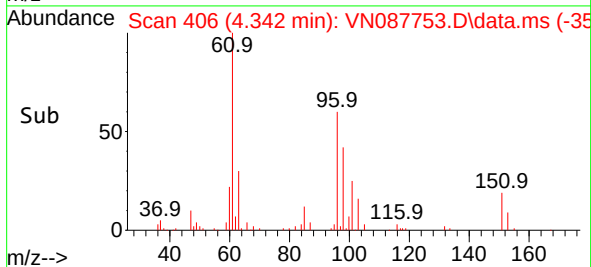
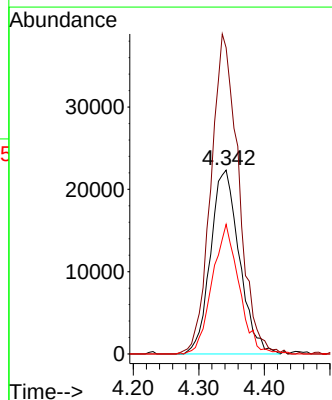
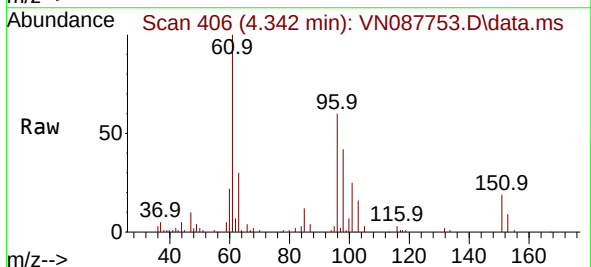
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

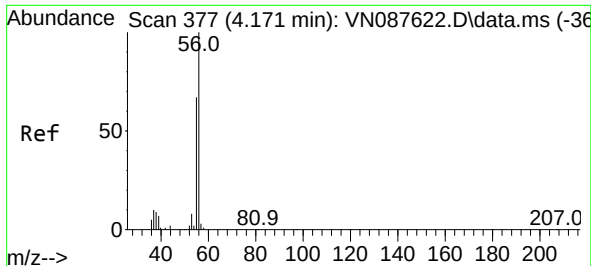
Tgt Ion: 59 Resp: 74221
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.960 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 96 Resp: 68169
Ion Ratio Lower Upper
96 100
61 165.9 143.8 215.8
98 69.8 52.1 78.1





#13

Acrolein

Concen: 84.495 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

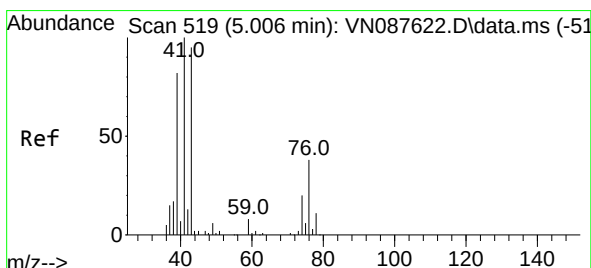
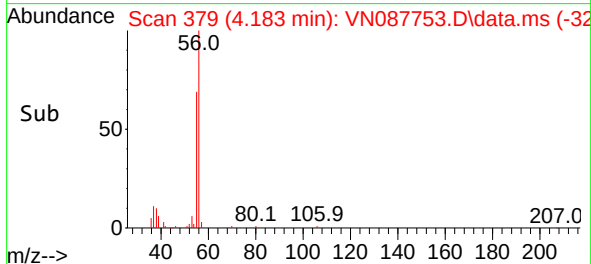
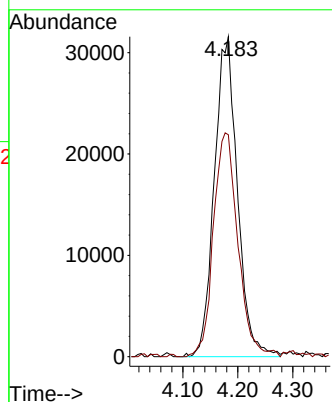
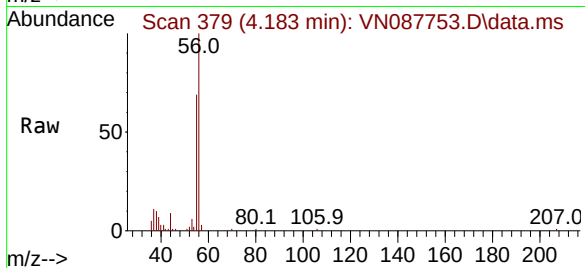
VN0908WBSD01

Tgt Ion: 56 Resp: 92142

Ion Ratio Lower Upper

56 100

55 73.5 57.3 85.9



#14

Allyl chloride

Concen: 15.936 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

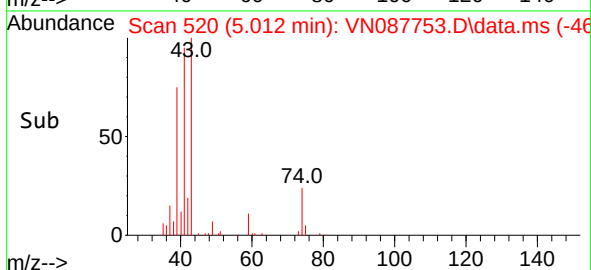
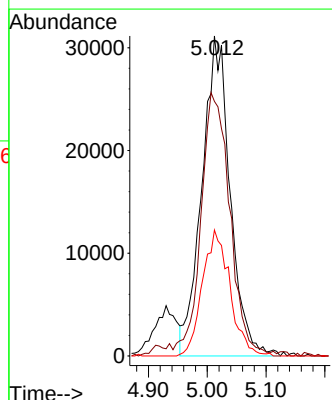
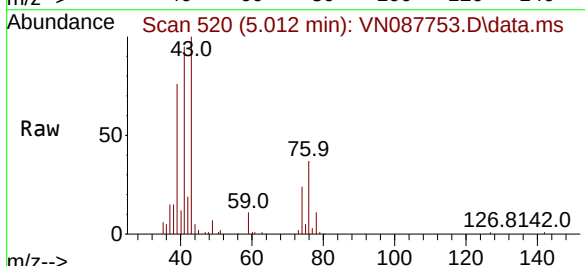
Tgt Ion: 41 Resp: 103832

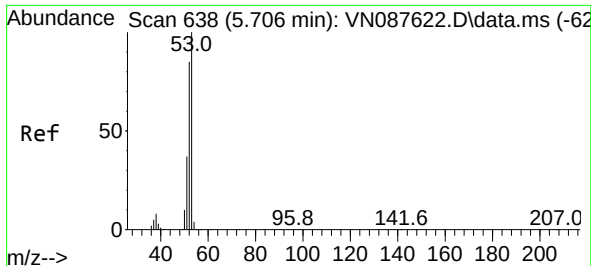
Ion Ratio Lower Upper

41 100

39 82.8 63.9 95.9

76 38.4 28.1 42.1

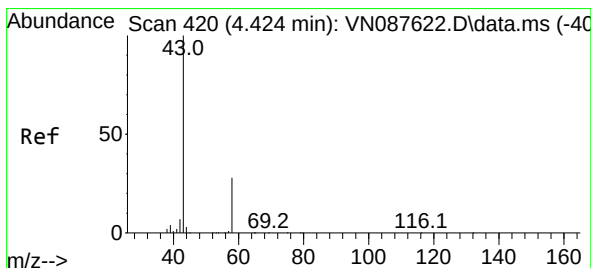
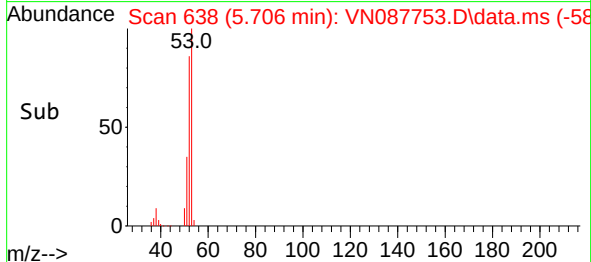
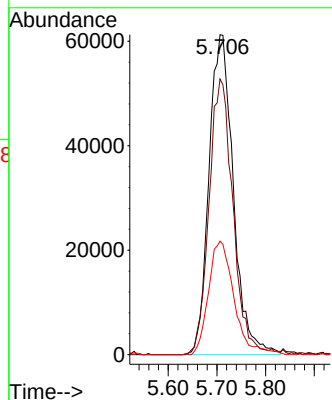
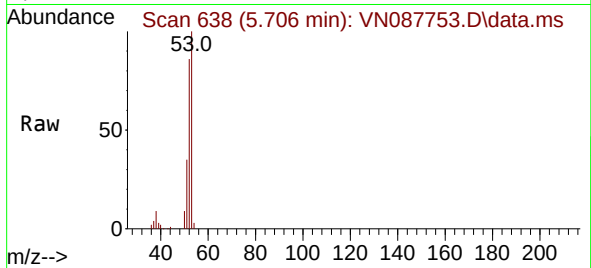




#15
Acrylonitrile
Concen: 84.920 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

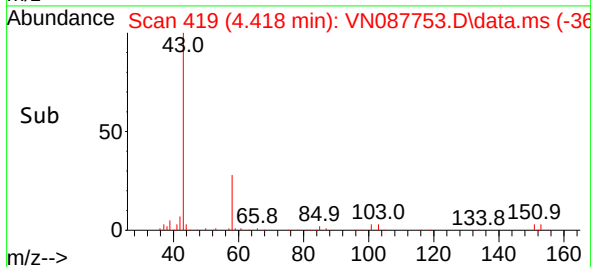
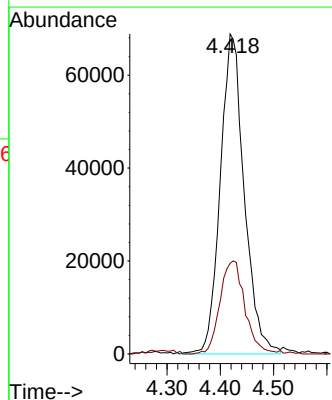
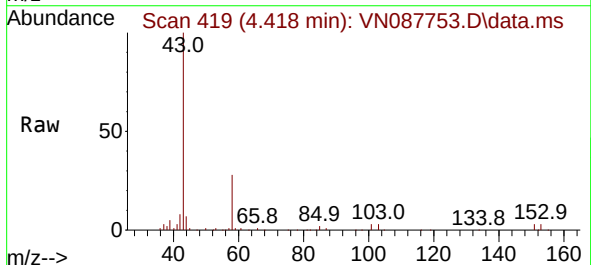
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

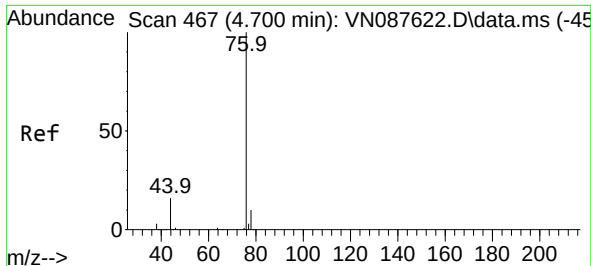
Tgt Ion: 53 Resp: 212443
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 77.356 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 43 Resp: 215166
Ion Ratio Lower Upper
43 100
58 27.5 22.6 33.8





#17

Carbon Disulfide

Concen: 16.967 ug/l

RT: 4.706 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

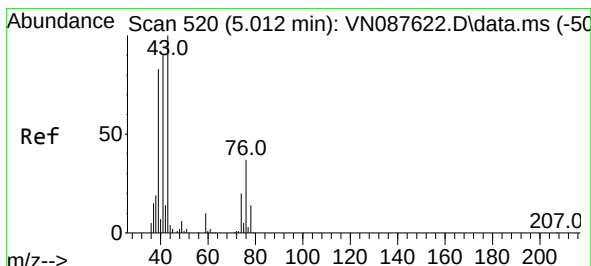
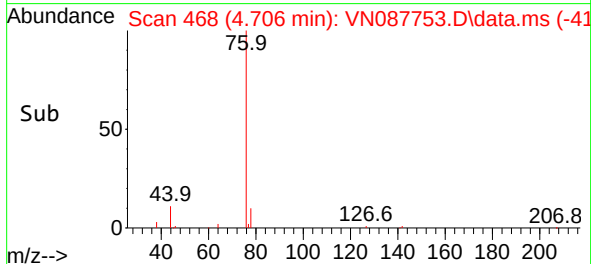
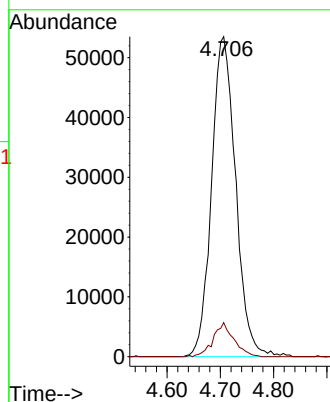
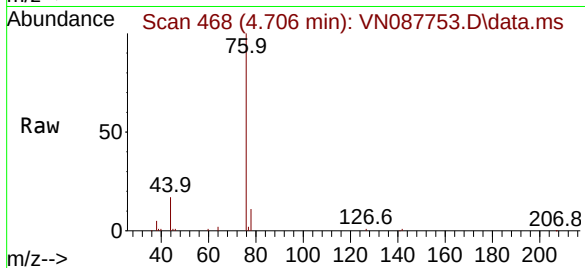
VN0908WBSD01

Tgt Ion: 76 Resp: 167947

Ion Ratio Lower Upper

76 100

78 10.7 7.6 11.4



#18

Methyl Acetate

Concen: 20.248 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087753.D

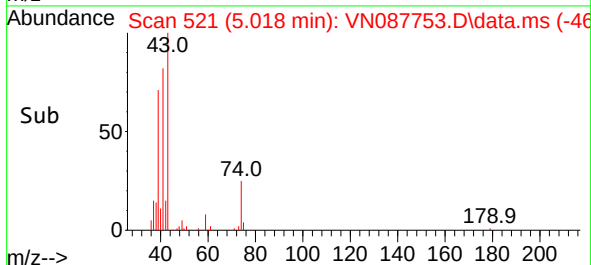
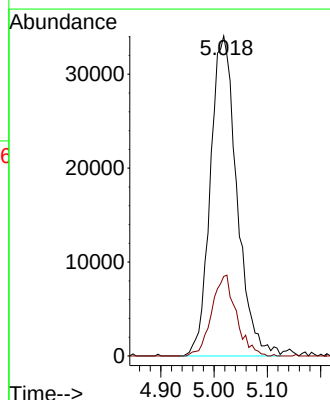
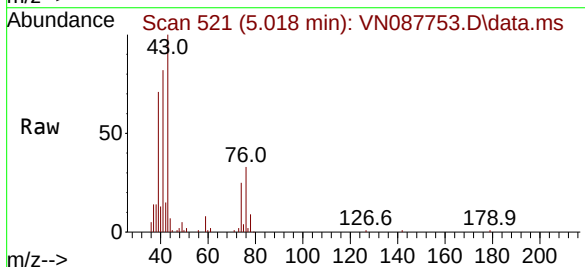
Acq: 08 Sep 2025 11:20

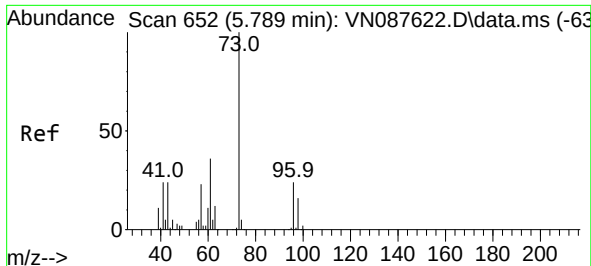
Tgt Ion: 43 Resp: 117921

Ion Ratio Lower Upper

43 100

74 23.4 17.6 26.4

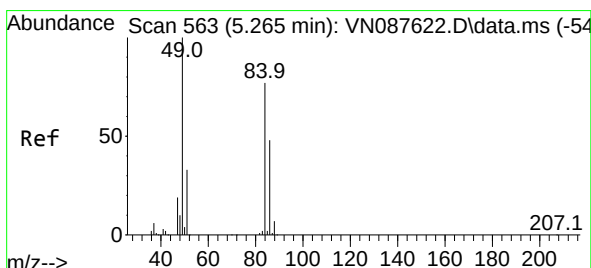
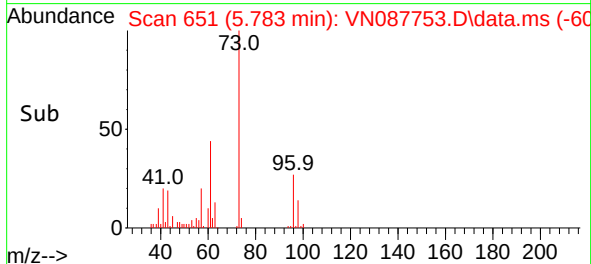
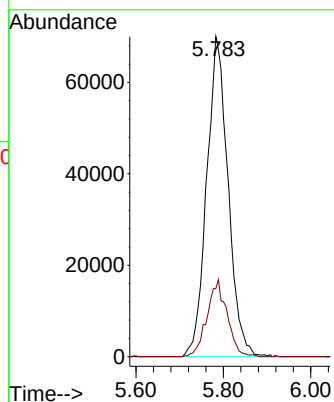
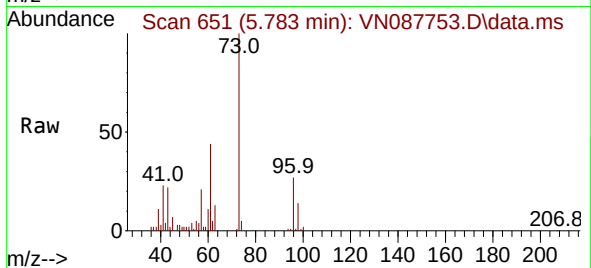




#19
Methyl tert-butyl Ether
Concen: 17.638 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

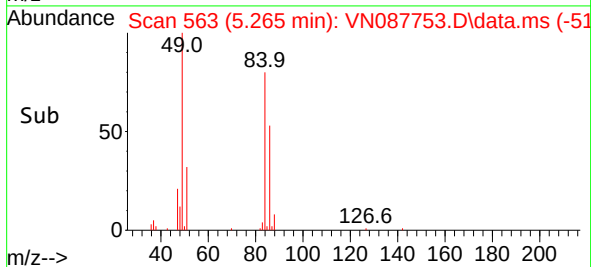
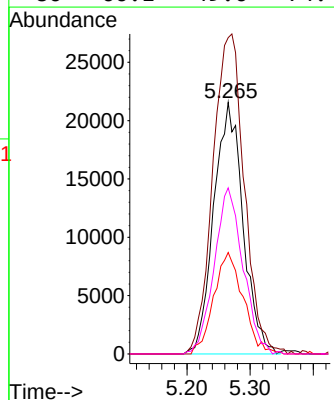
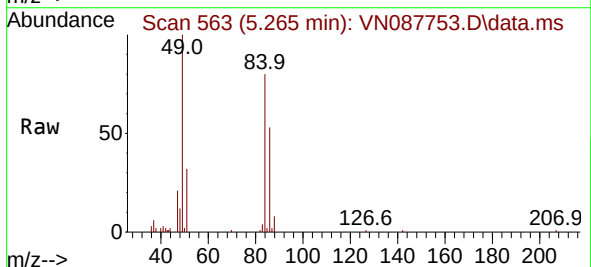
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

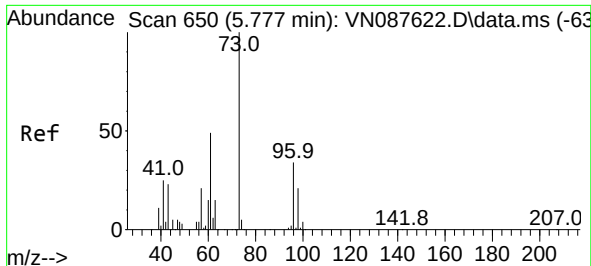
Tgt Ion: 73 Resp: 237911
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6



#20
Methylene Chloride
Concen: 16.377 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 84 Resp: 69247
Ion Ratio Lower Upper
84 100
49 125.8 103.4 155.2
51 40.3 33.8 50.8
86 66.1 49.6 74.4

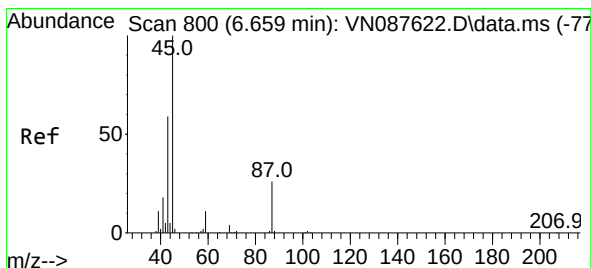
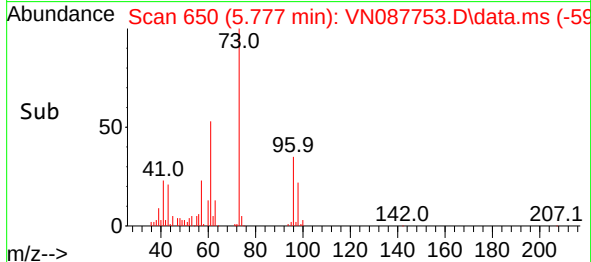
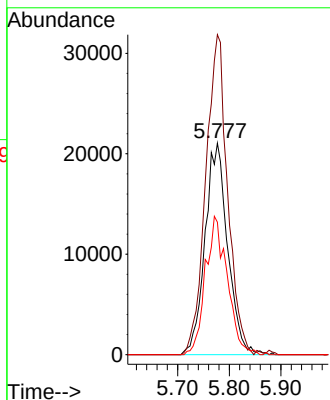
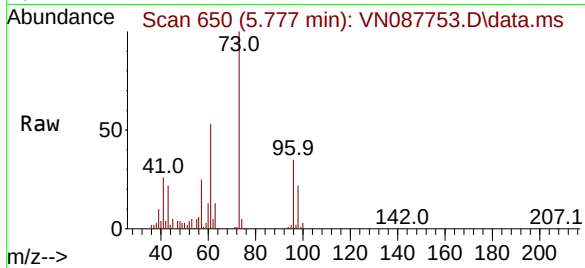




#21
trans-1,2-Dichloroethene
Concen: 16.471 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

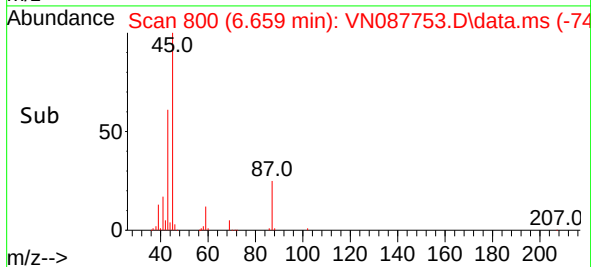
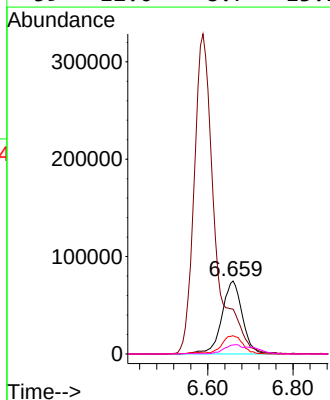
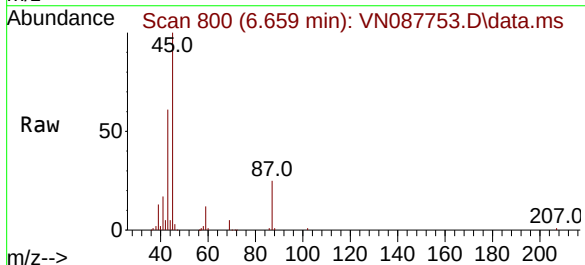
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

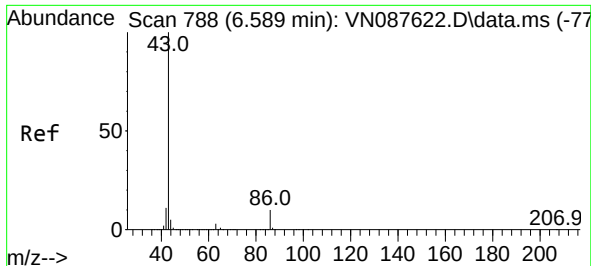
Tgt Ion: 96 Resp: 64185
Ion Ratio Lower Upper
96 100
61 151.3 118.0 177.0
98 62.6 50.0 75.0



#22
Diisopropyl ether
Concen: 17.716 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 45 Resp: 249101
Ion Ratio Lower Upper
45 100
43 60.6 47.7 71.5
87 25.0 21.4 32.0
59 12.0 8.7 13.1

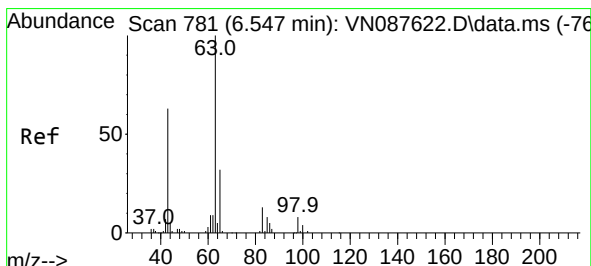
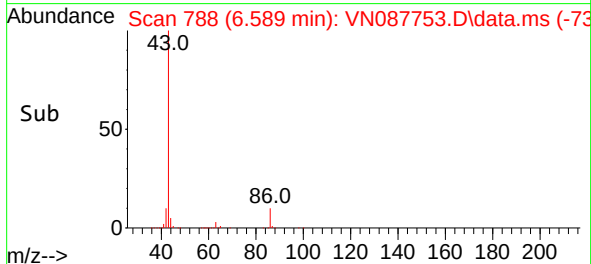
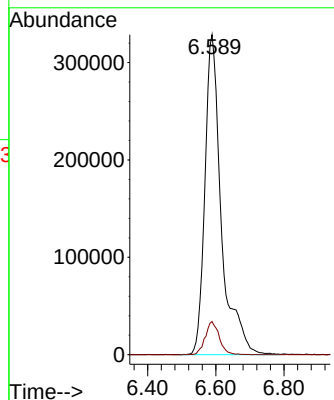
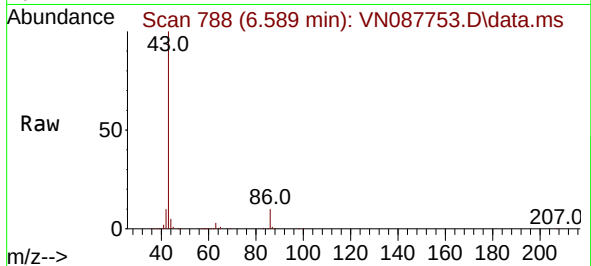




#23
 Vinyl Acetate
 Concen: 85.948 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

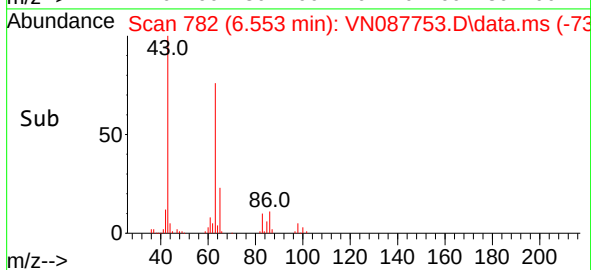
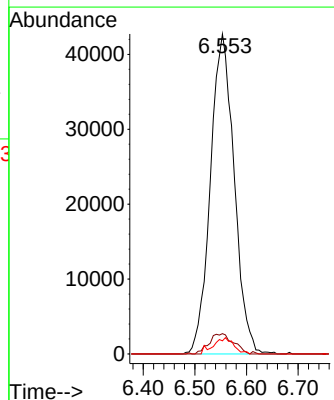
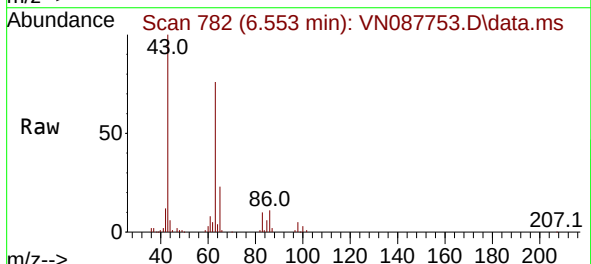
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

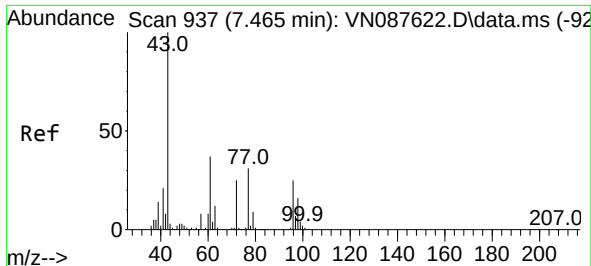
Tgt Ion: 43 Resp: 1099462
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.709 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

Tgt Ion: 63 Resp: 136523
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.1 2.0 6.0

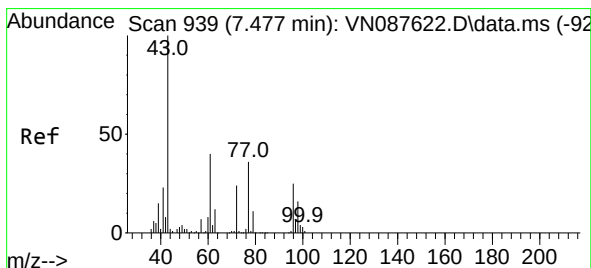
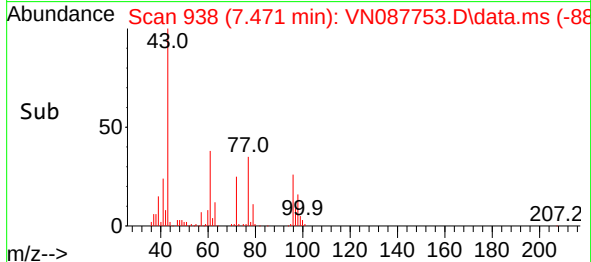
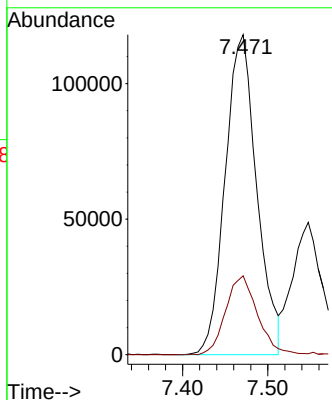
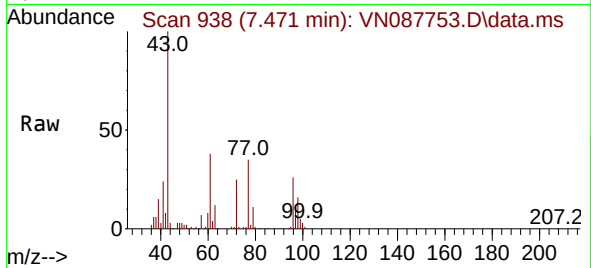




#25
2-Butanone
Concen: 83.327 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

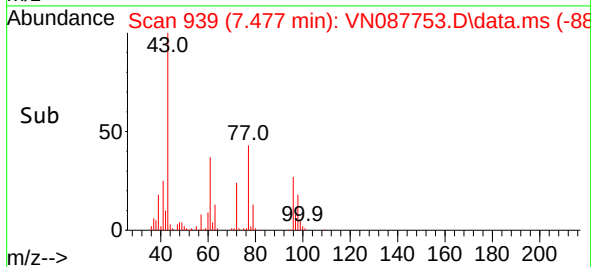
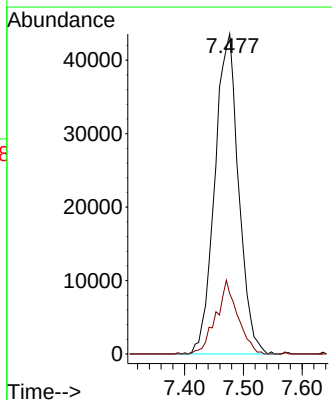
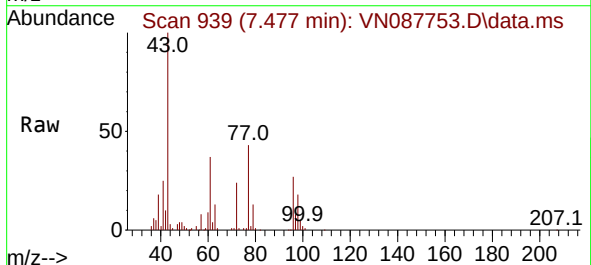
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

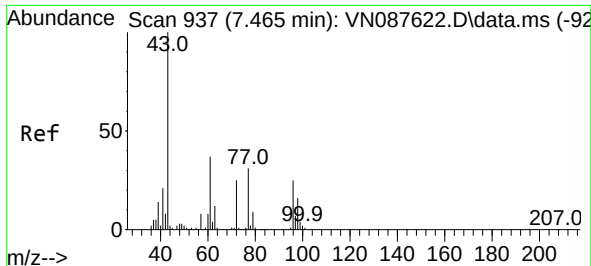
Tgt Ion: 43 Resp: 304929
Ion Ratio Lower Upper
43 100
72 24.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.523 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 77 Resp: 122562
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 17.072 ug/l

RT: 7.471 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

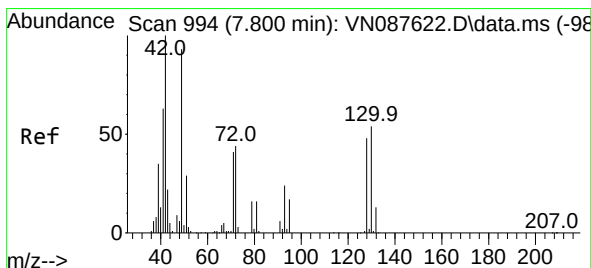
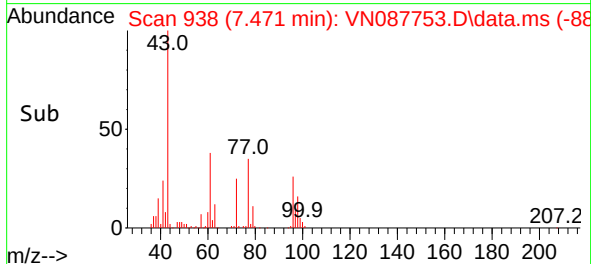
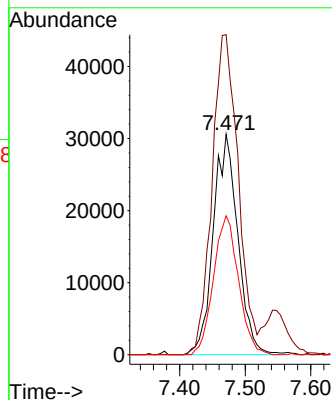
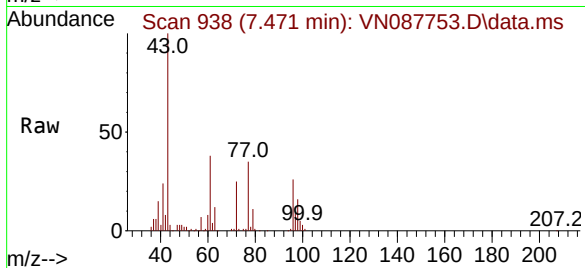
Tgt Ion: 96 Resp: 79529

Ion Ratio Lower Upper

96 100

61 154.3 0.0 301.8

98 64.1 0.0 126.2



#28

Bromochloromethane

Concen: 17.484 ug/l

RT: 7.794 min Scan# 993

Delta R.T. -0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

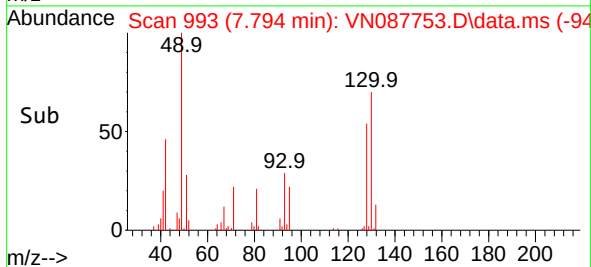
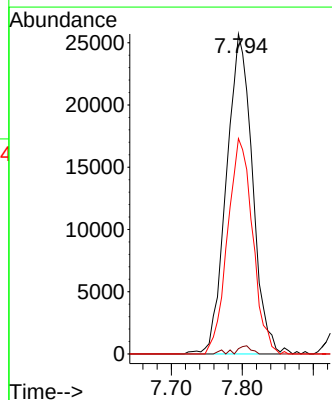
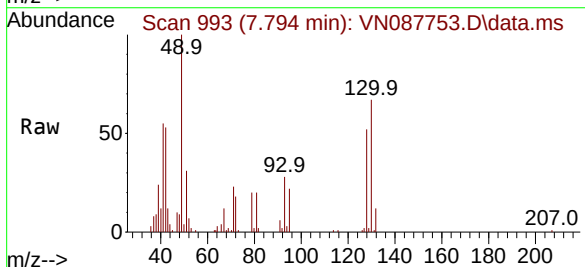
Tgt Ion: 49 Resp: 65165

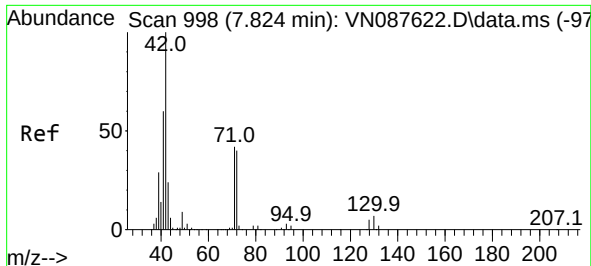
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

130 65.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 83.591 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

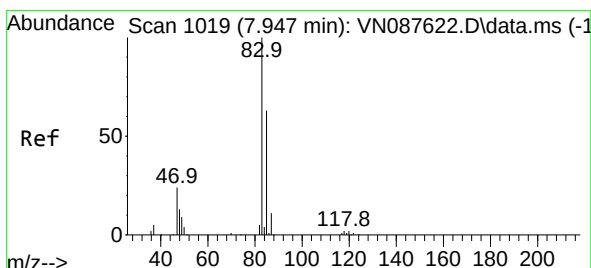
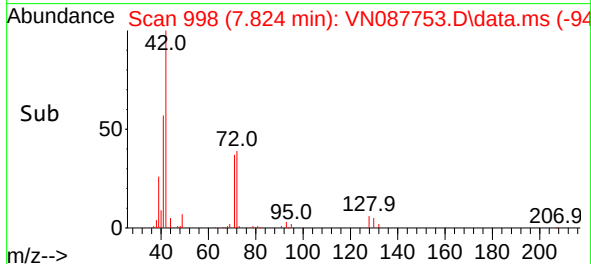
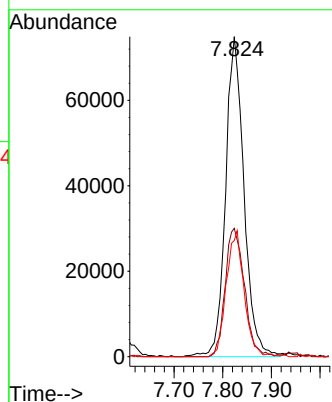
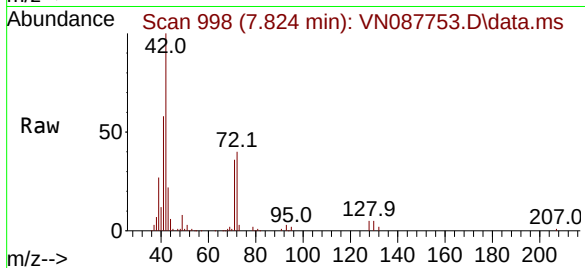
Tgt Ion: 42 Resp: 196862

Ion Ratio Lower Upper

42 100

72 41.7 33.7 50.5

71 38.0 31.9 47.9



#30

Chloroform

Concen: 17.822 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087753.D

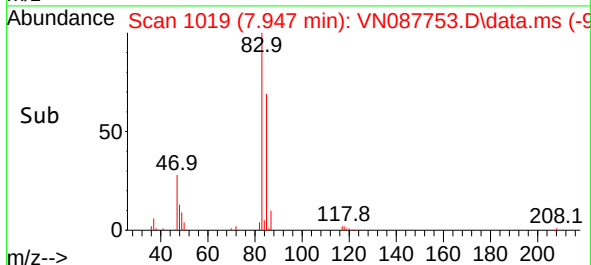
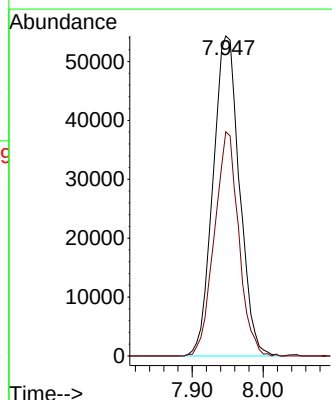
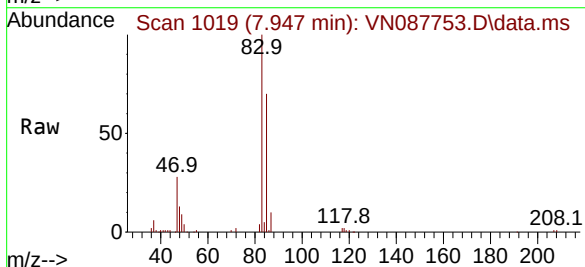
Acq: 08 Sep 2025 11:20

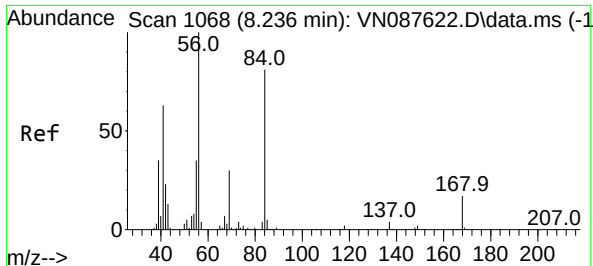
Tgt Ion: 83 Resp: 140240

Ion Ratio Lower Upper

83 100

85 70.1 50.7 76.1

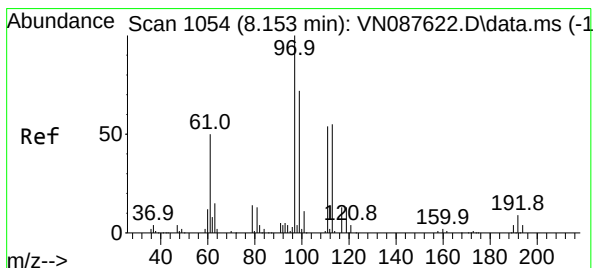
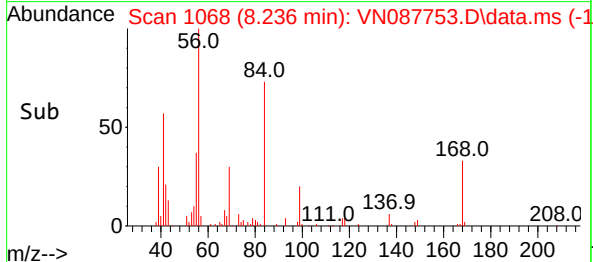
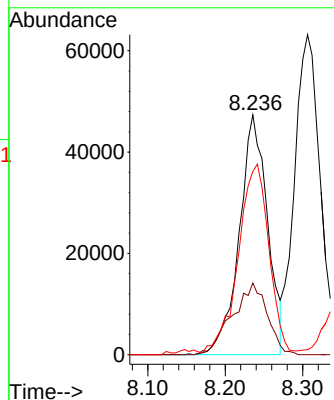
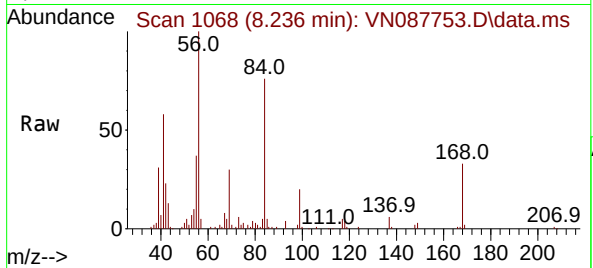




#31
Cyclohexane
Concen: 18.645 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

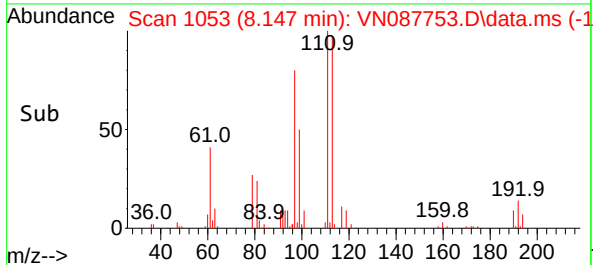
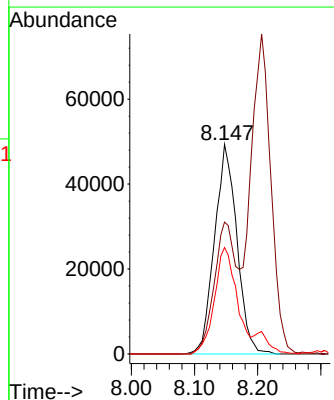
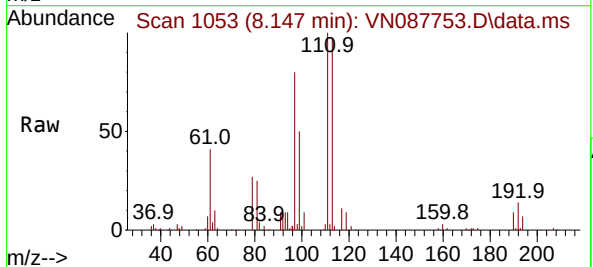
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

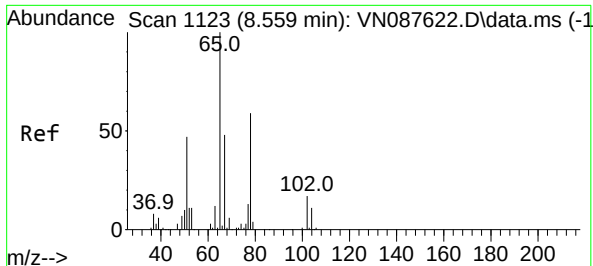
Tgt Ion: 56 Resp: 119832
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 74.9 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.209 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 97 Resp: 121426
Ion Ratio Lower Upper
97 100
99 61.6 52.2 78.2
61 50.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 40.433 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

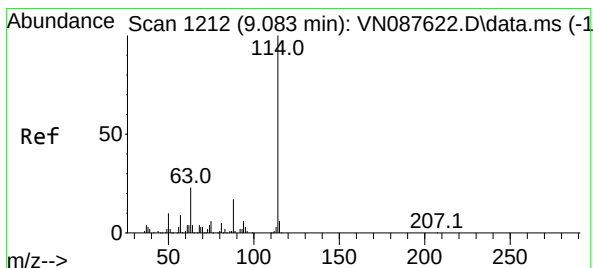
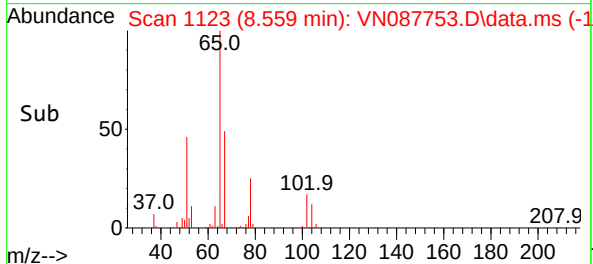
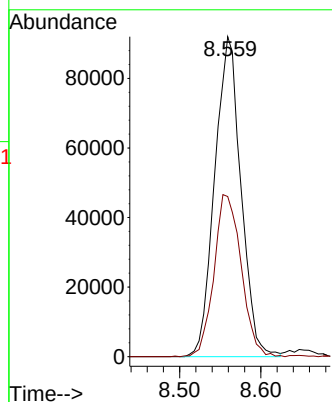
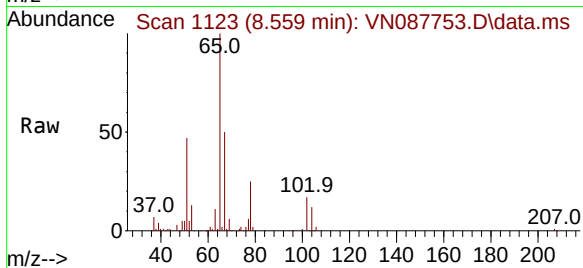
VN0908WBSD01

Tgt Ion: 65 Resp: 206596

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

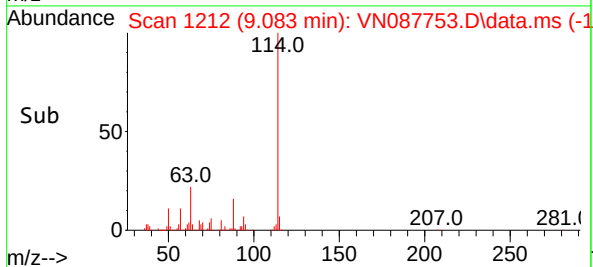
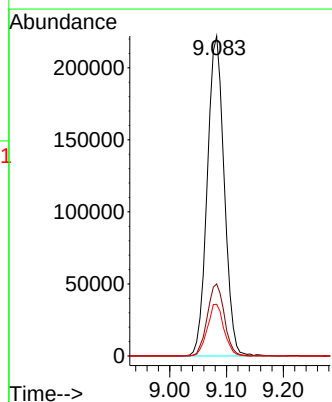
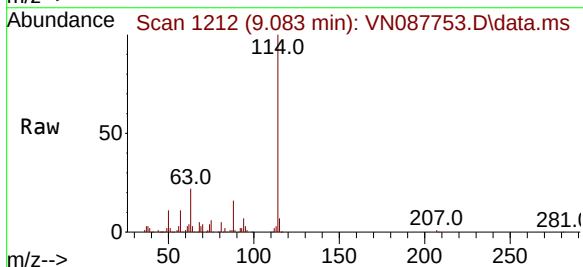
Tgt Ion: 114 Resp: 457673

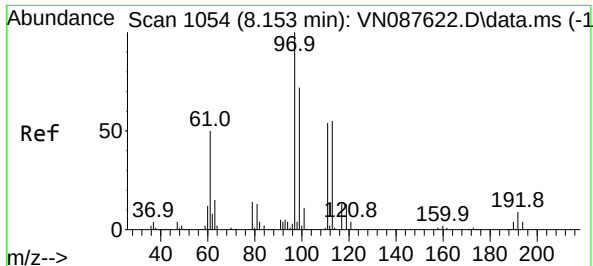
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.999 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

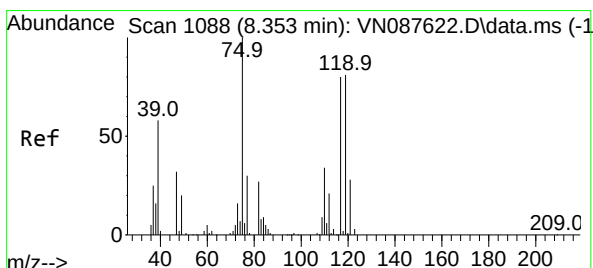
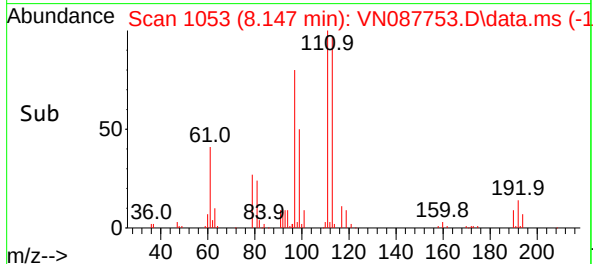
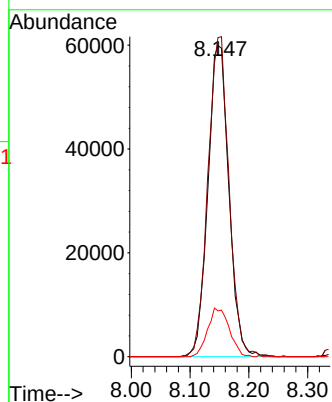
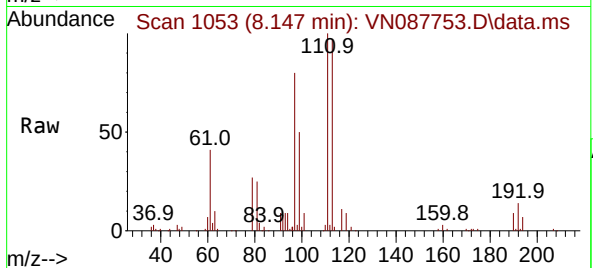
Tgt Ion:113 Resp: 148695

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 16.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 18.456 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

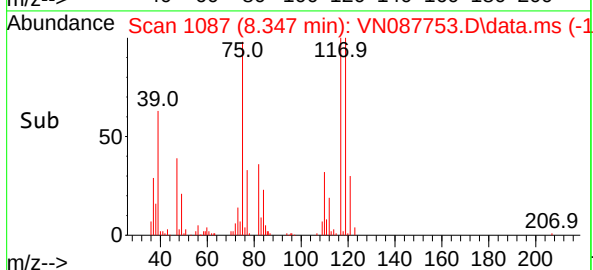
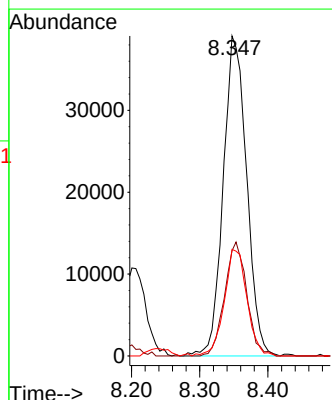
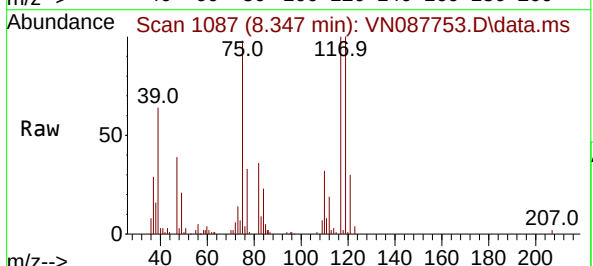
Tgt Ion: 75 Resp: 93562

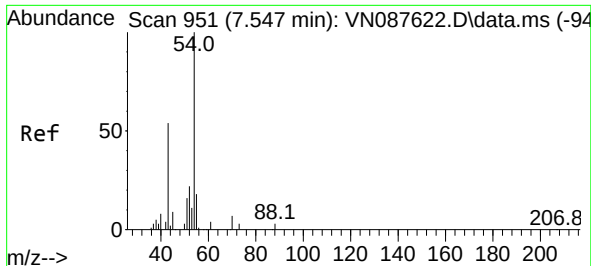
Ion Ratio Lower Upper

75 100

110 33.7 15.9 47.6

77 32.3 24.4 36.6

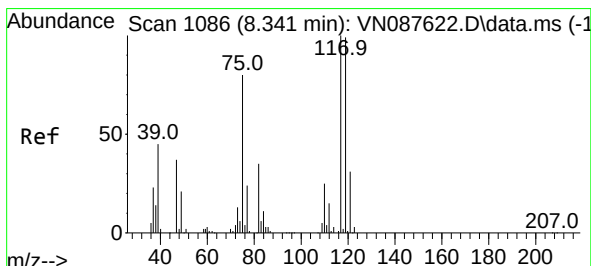
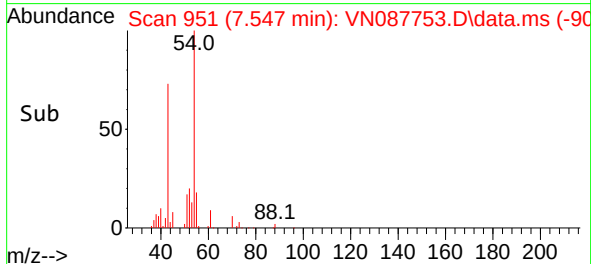
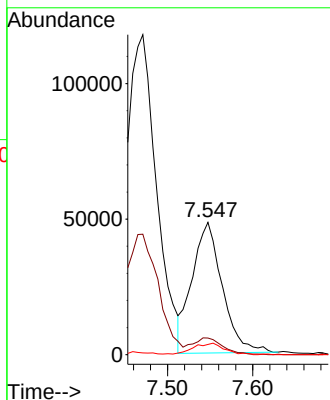
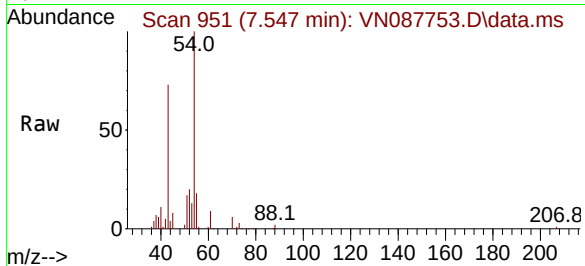




#37
Ethyl Acetate
Concen: 17.224 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

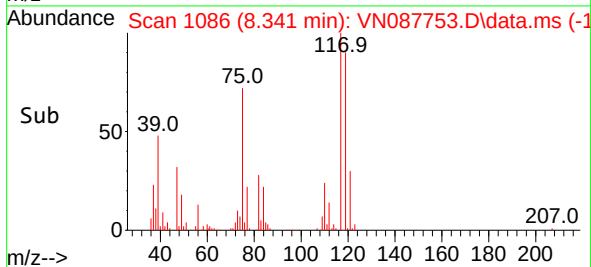
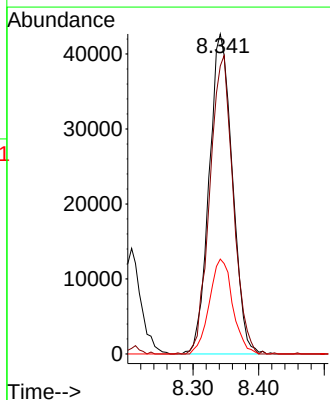
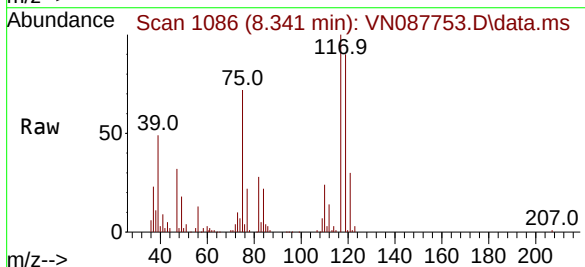
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

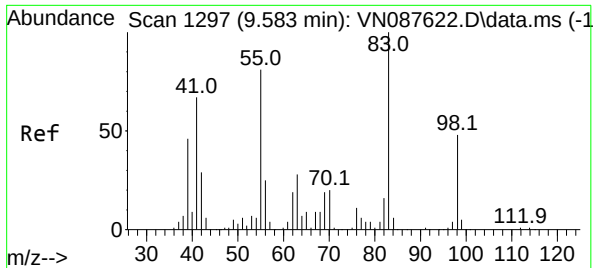
Tgt Ion: 43 Resp: 119316
Ion Ratio Lower Upper
43 100
61 11.8 9.3 13.9
70 9.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 20.979 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 117 Resp: 105004
Ion Ratio Lower Upper
117 100
119 90.0 79.0 118.6
121 29.6 25.0 37.6





#39

Methylcyclohexane

Concen: 20.051 ug/l

RT: 9.583 min Scan# 111909

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

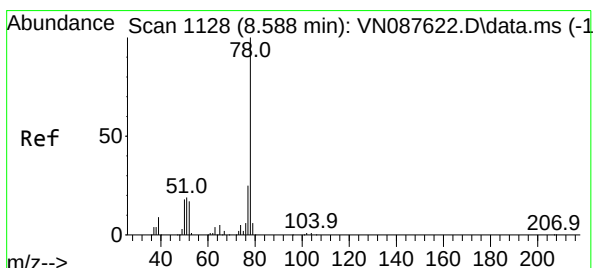
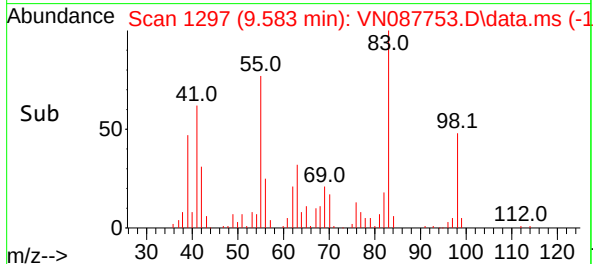
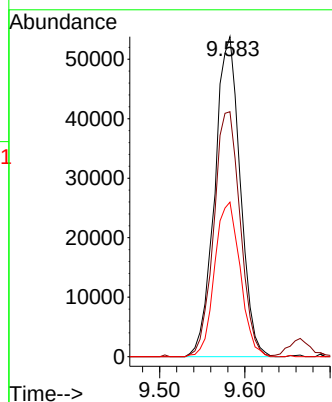
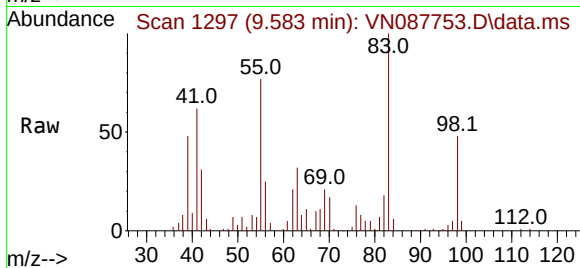
Tgt Ion: 83 Resp: 111909

Ion Ratio Lower Upper

83 100

55 76.5 64.6 96.8

98 48.3 38.4 57.6



#40

Benzene

Concen: 18.639 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087753.D

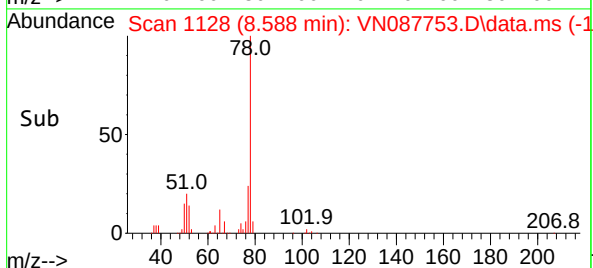
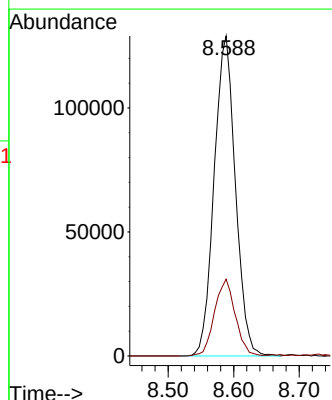
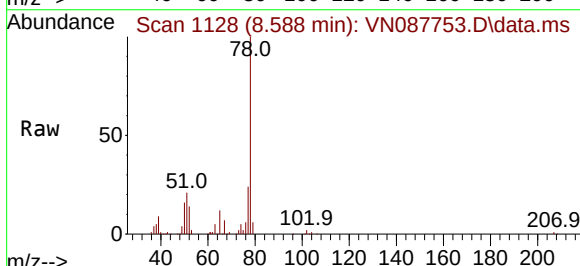
Acq: 08 Sep 2025 11:20

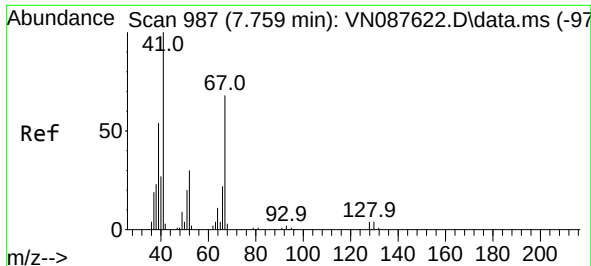
Tgt Ion: 78 Resp: 289813

Ion Ratio Lower Upper

78 100

77 24.0 19.7 29.5

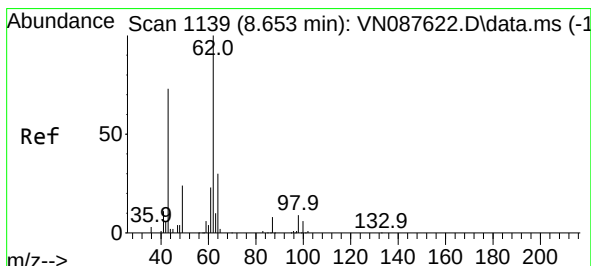
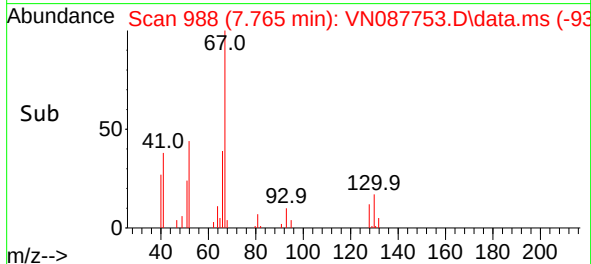
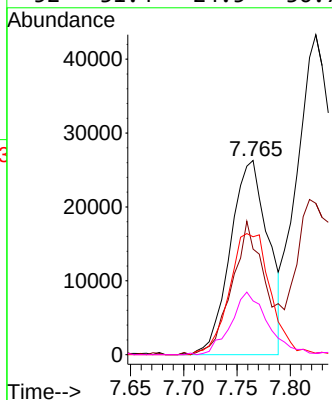
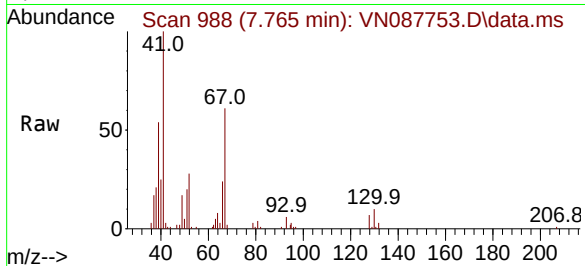




#41
Methacrylonitrile
Concen: 18.204 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

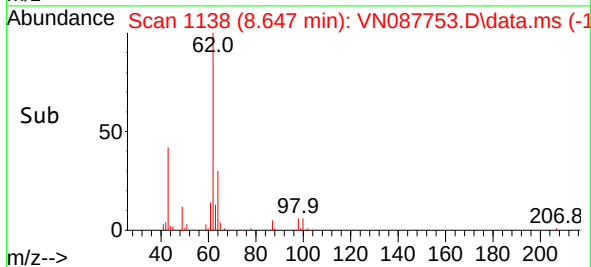
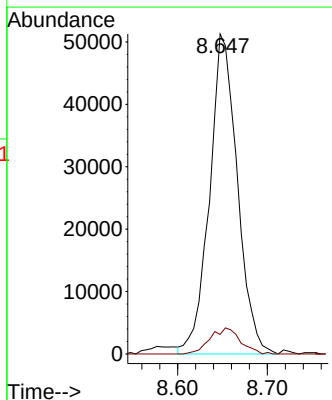
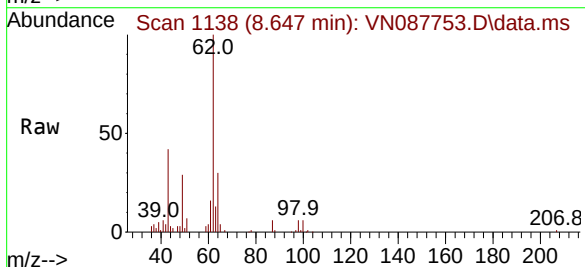
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

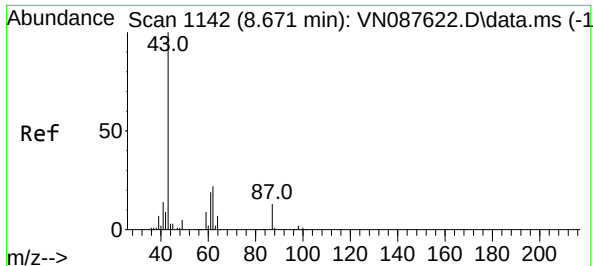
Tgt Ion: 41 Resp: 65320
Ion Ratio Lower Upper
41 100
39 62.9 45.4 68.0
67 67.4 55.3 82.9
52 31.4 24.5 36.7



#42
1,2-Dichloroethane
Concen: 18.464 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 62 Resp: 110324
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.4

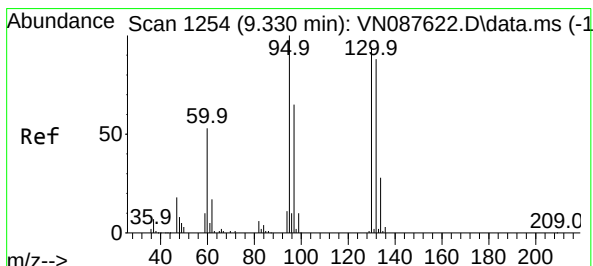
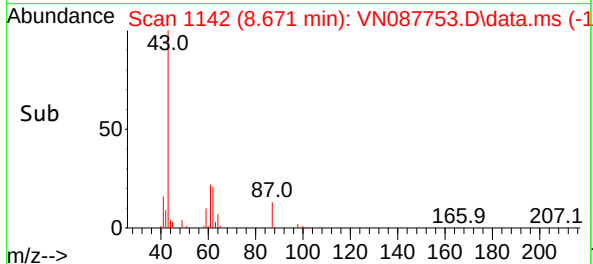
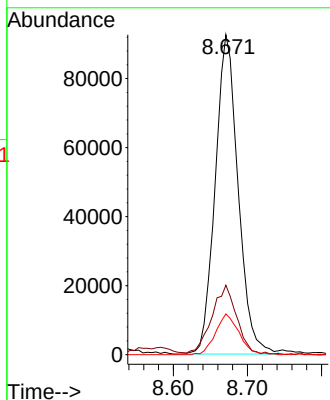
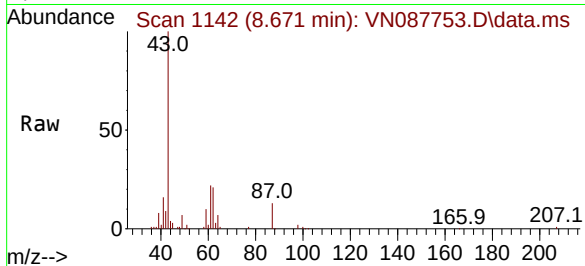




#43
Isopropyl Acetate
Concen: 18.370 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

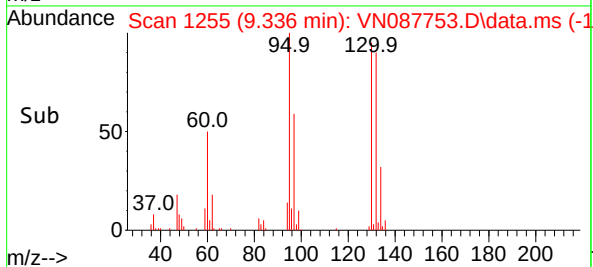
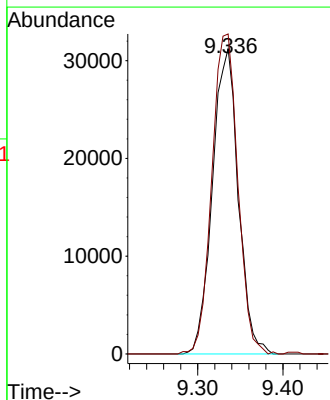
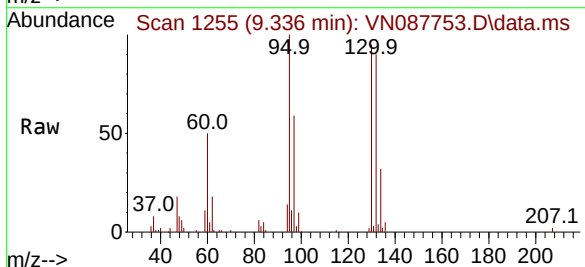
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

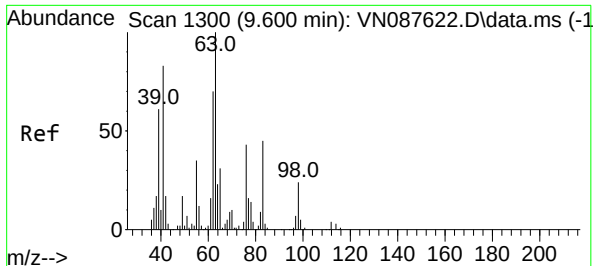
Tgt Ion: 43 Resp: 198675
Ion Ratio Lower Upper
43 100
61 24.1 18.8 28.2
87 13.0 9.6 14.4



#44
Trichloroethene
Concen: 18.525 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion:130 Resp: 65759
Ion Ratio Lower Upper
130 100
95 104.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.358 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

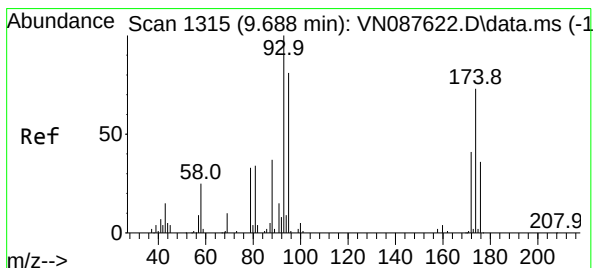
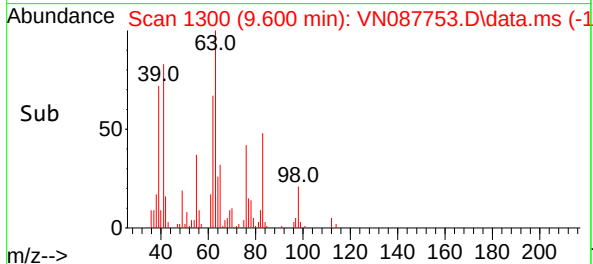
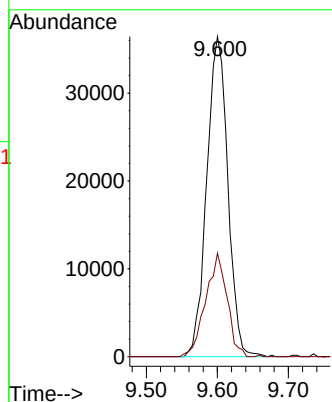
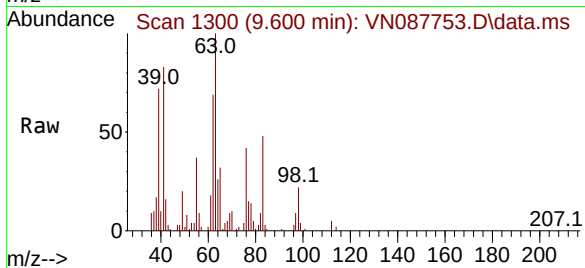
VN0908WBSD01

Tgt Ion: 63 Resp: 75239

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.4



#46

Dibromomethane

Concen: 19.343 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

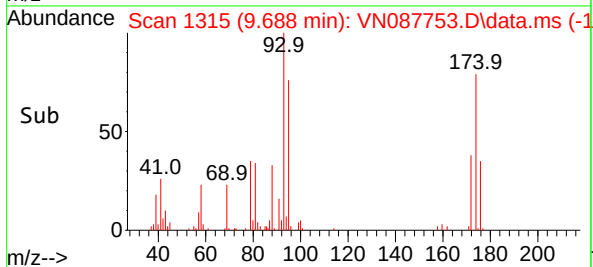
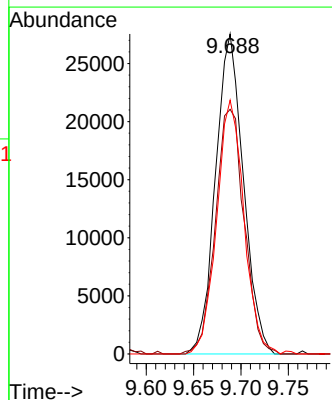
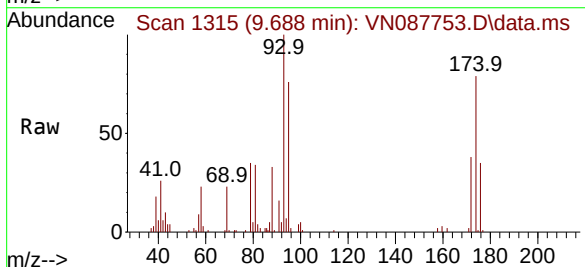
Tgt Ion: 93 Resp: 56413

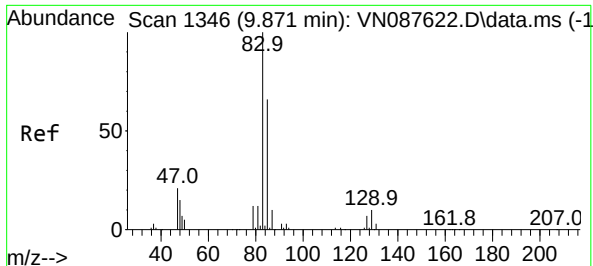
Ion Ratio Lower Upper

93 100

95 79.1 66.2 99.4

174 77.5 63.4 95.2





#47

Bromodichloromethane

Concen: 19.202 ug/l

RT: 9.871 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

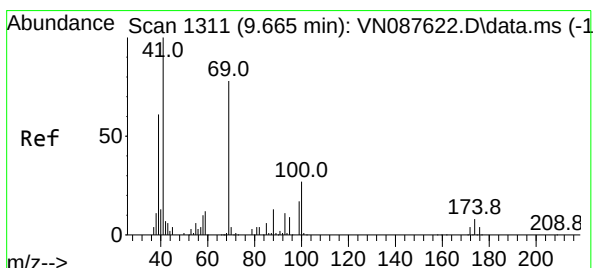
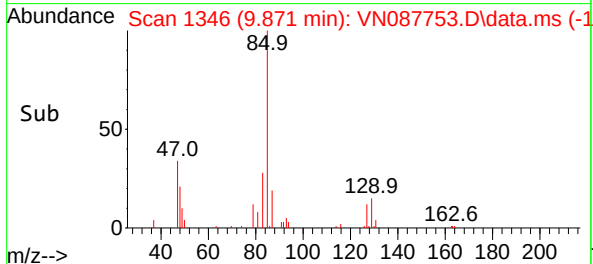
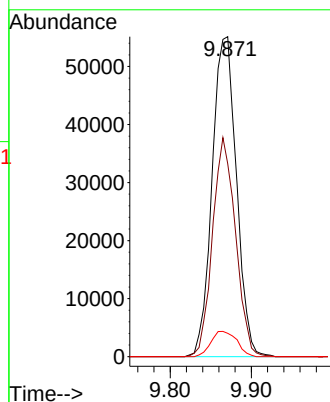
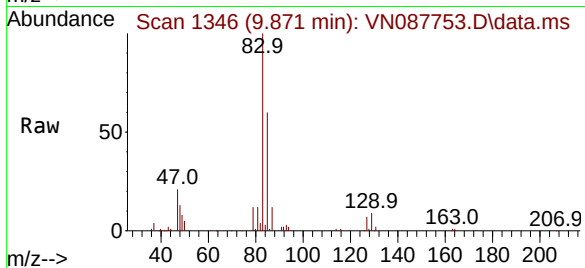
Tgt Ion: 83 Resp: 114773

Ion Ratio Lower Upper

83 100

85 60.3 52.5 78.7

127 7.3 5.8 8.6



#48

Methyl methacrylate

Concen: 17.724 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

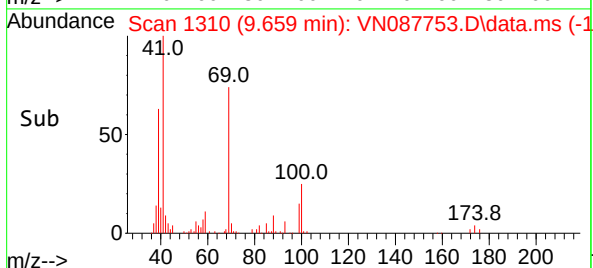
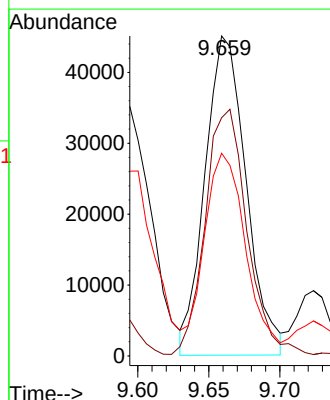
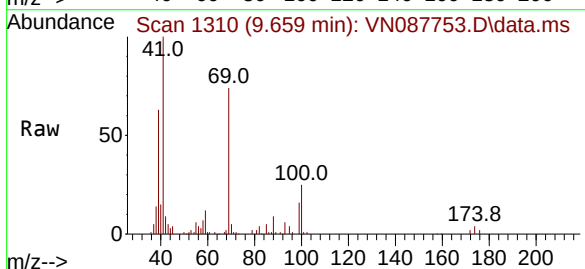
Tgt Ion: 41 Resp: 90670

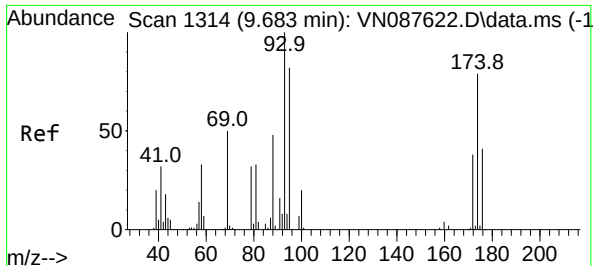
Ion Ratio Lower Upper

41 100

69 78.3 62.7 94.1

39 64.0 52.9 79.3





#49

1,4-Dioxane

Concen: 368.674 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

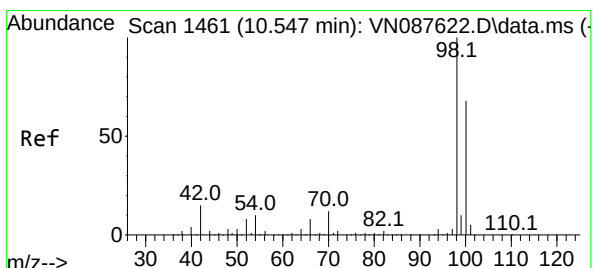
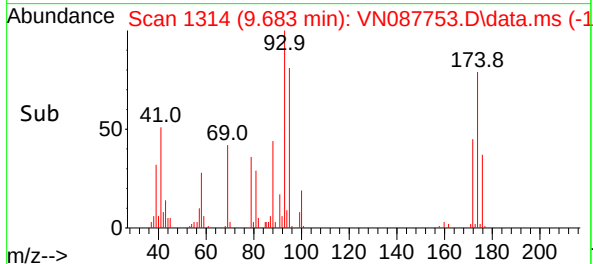
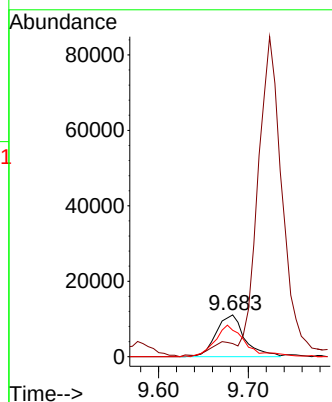
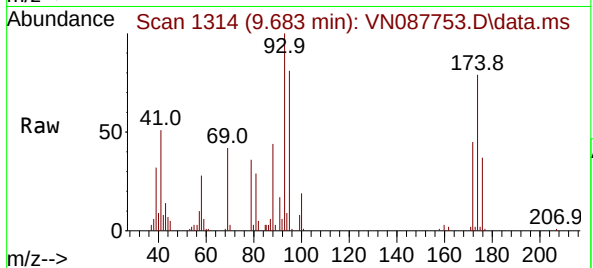
Tgt Ion: 88 Resp: 24445

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 80.2 57.9 86.9



#50

Toluene-d8

Concen: 44.327 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN087753.D

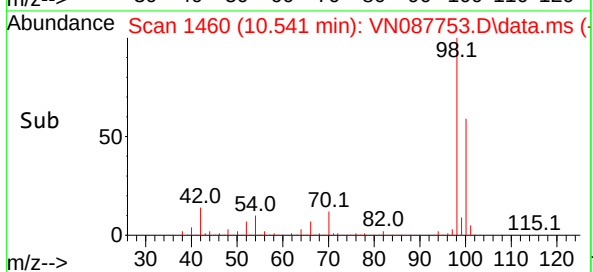
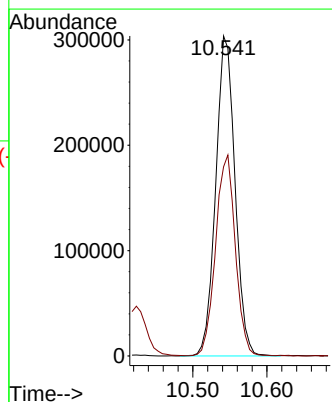
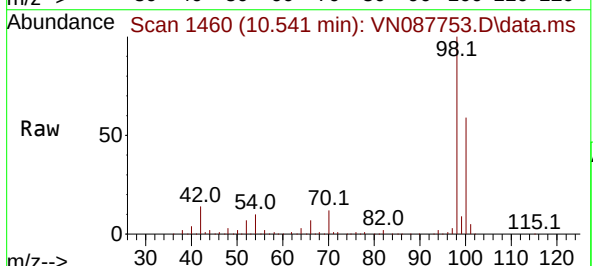
Acq: 08 Sep 2025 11:20

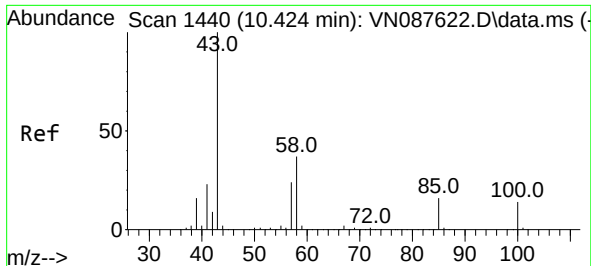
Tgt Ion: 98 Resp: 548220

Ion Ratio Lower Upper

98 100

100 64.3 52.8 79.2

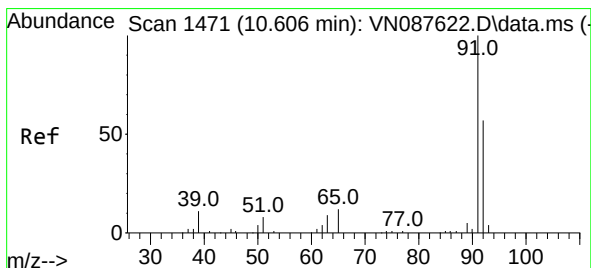
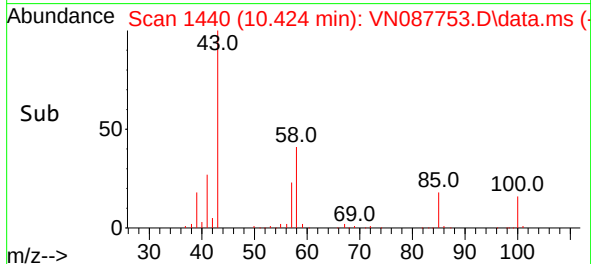
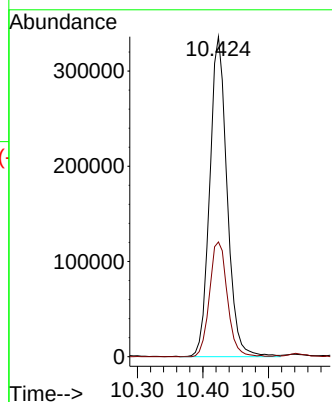
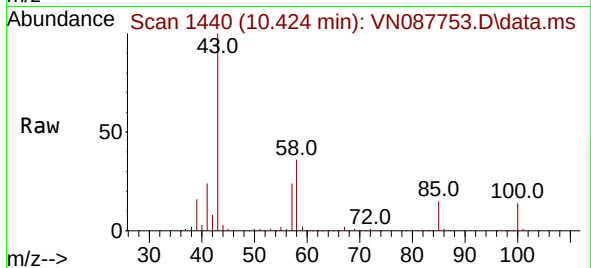




#51
4-Methyl-2-Pentanone
Concen: 94.816 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

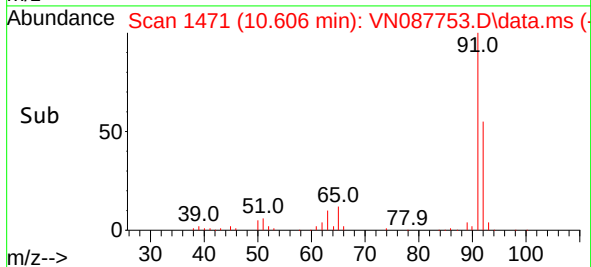
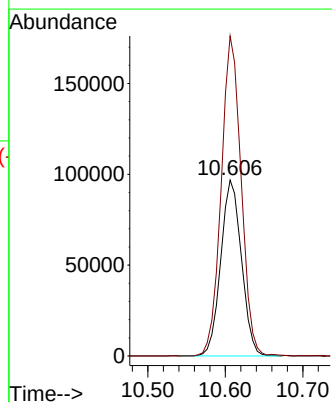
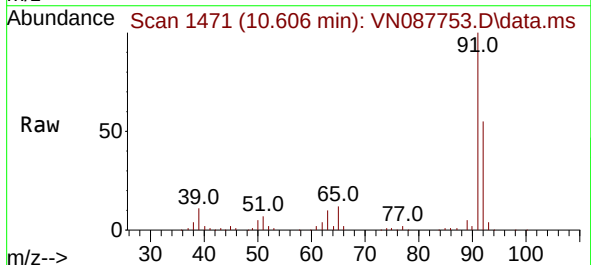
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

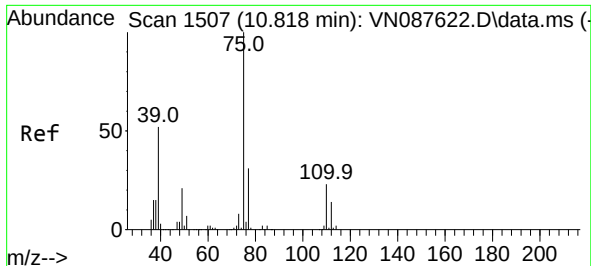
Tgt Ion: 43 Resp: 618693
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4



#52
Toluene
Concen: 18.617 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 92 Resp: 179456
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6

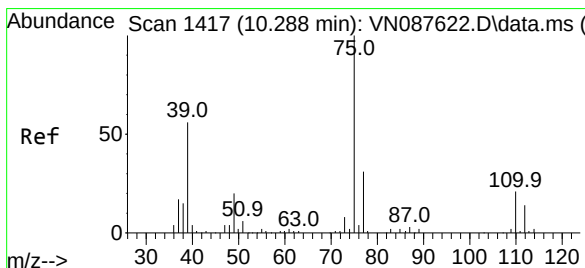
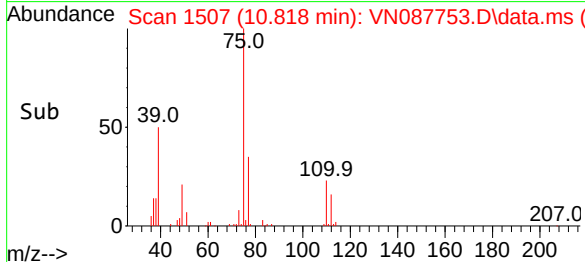
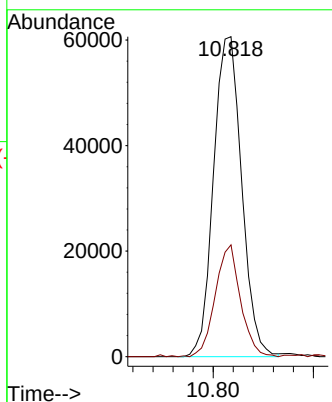
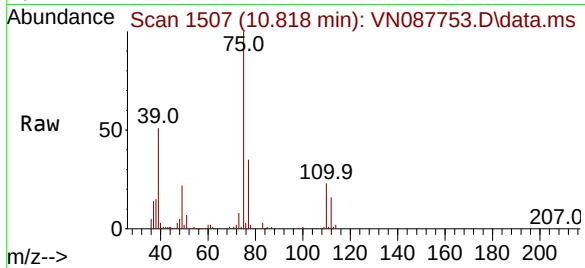




#53
t-1,3-Dichloropropene
Concen: 19.084 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

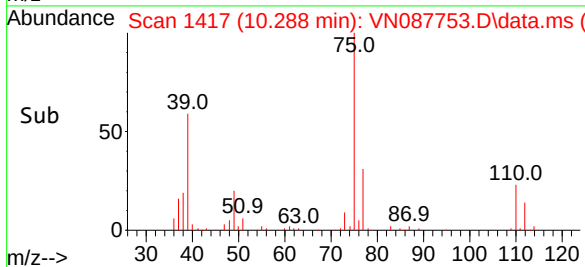
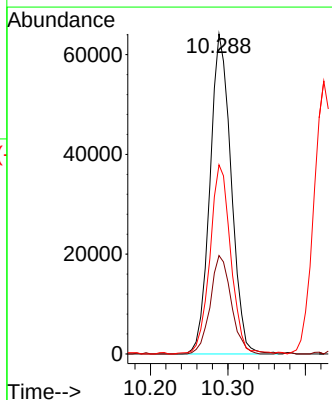
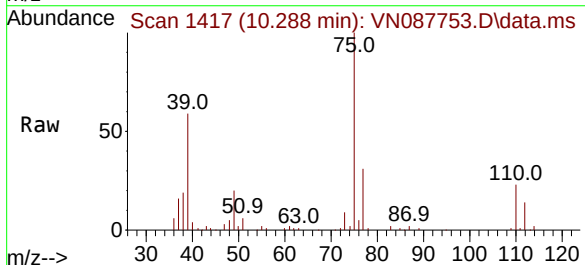
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

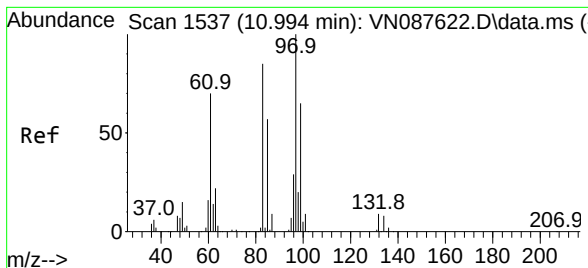
Tgt Ion: 75 Resp: 118072
Ion Ratio Lower Upper
75 100
77 35.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.950 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 75 Resp: 121736
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0
39 58.8 45.2 67.8

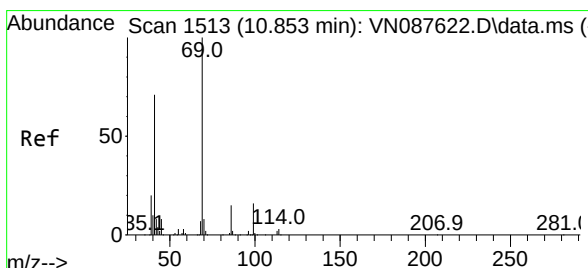
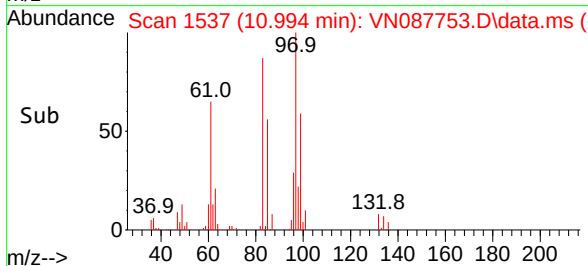
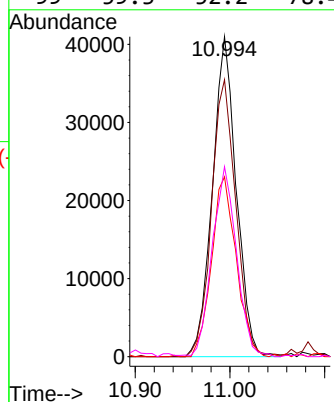
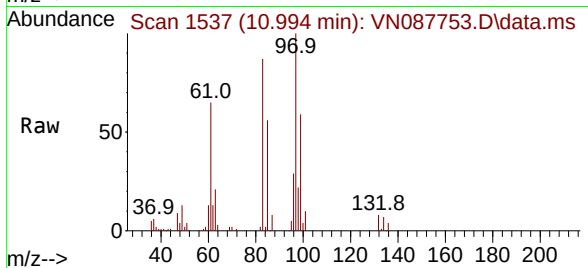




#55
1,1,2-Trichloroethane
Concen: 19.236 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

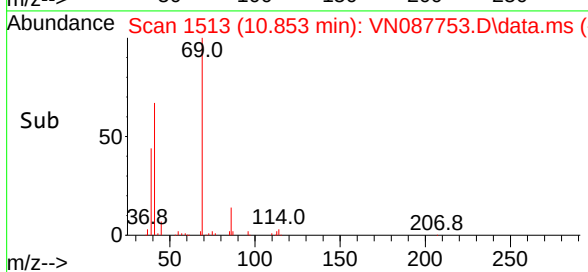
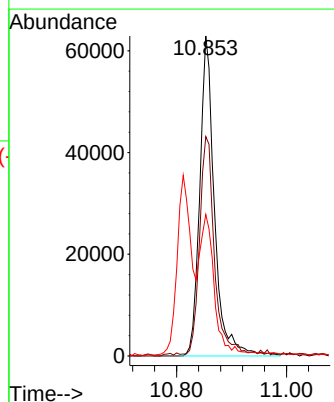
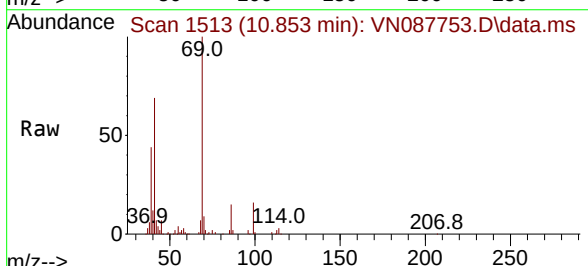
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

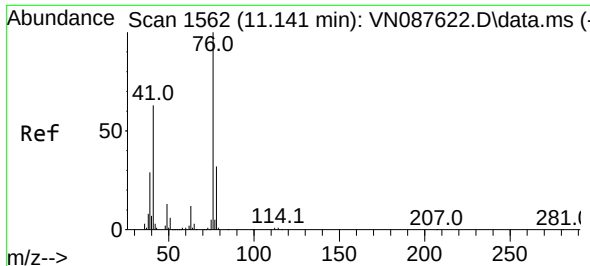
Tgt Ion:	97	Resp:	71727
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.2	102.4
85	56.2	45.5	68.3
99	59.3	52.2	78.4



#56
Ethyl methacrylate
Concen: 19.673 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion:	69	Resp:	117235
Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.5	84.7
39	41.7	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.757 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

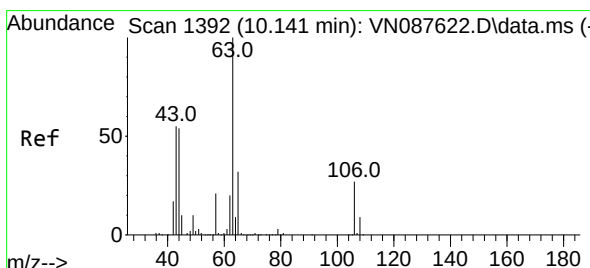
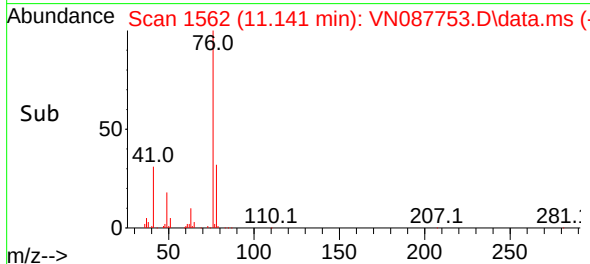
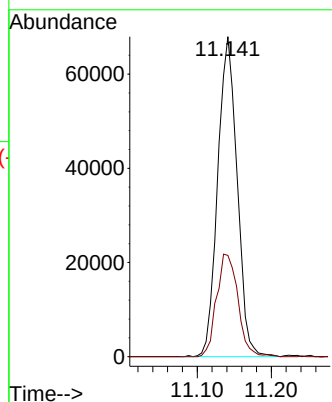
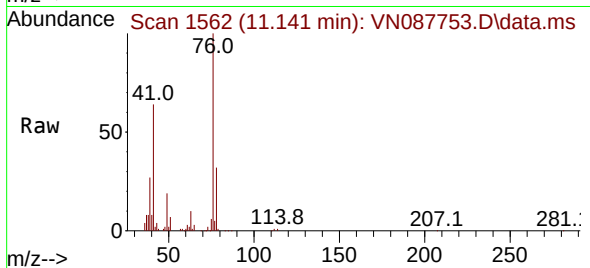
VN0908WBSD01

Tgt Ion: 76 Resp: 123780

Ion Ratio Lower Upper

76 100

78 35.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.272 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087753.D

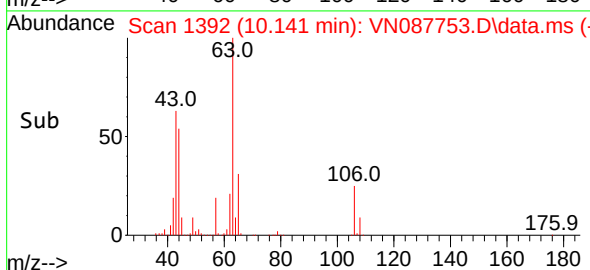
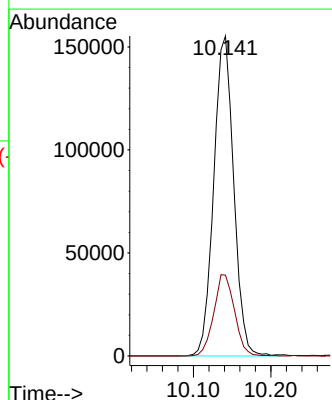
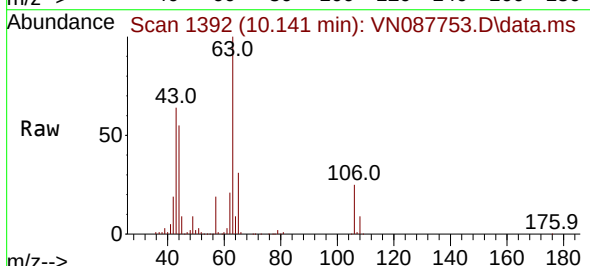
Acq: 08 Sep 2025 11:20

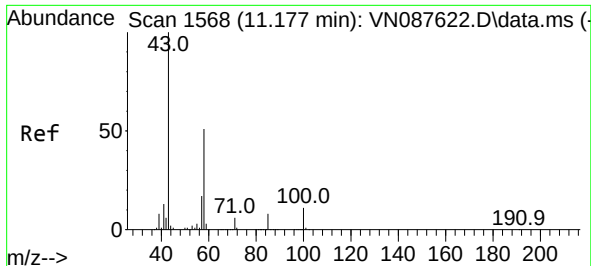
Tgt Ion: 63 Resp: 278264

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7

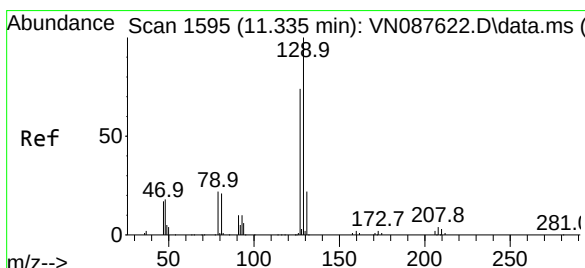
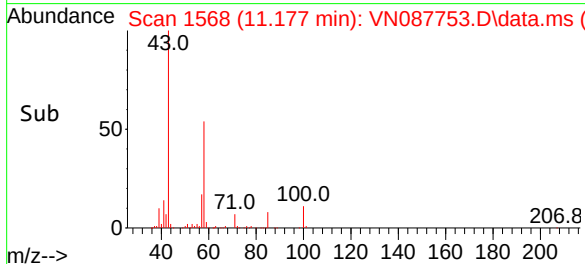
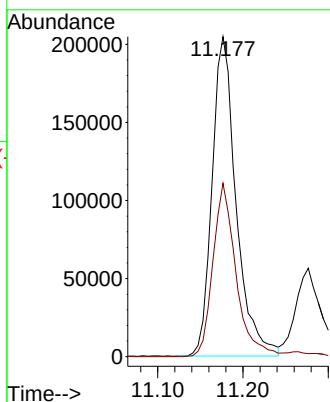
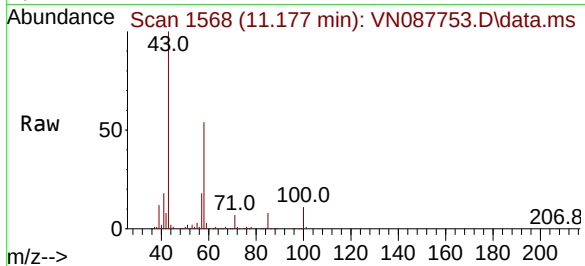




#59
2-Hexanone
Concen: 97.246 ug/l
RT: 11.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

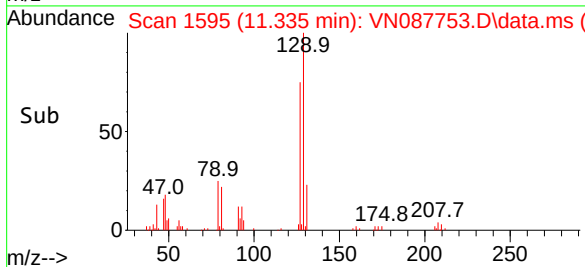
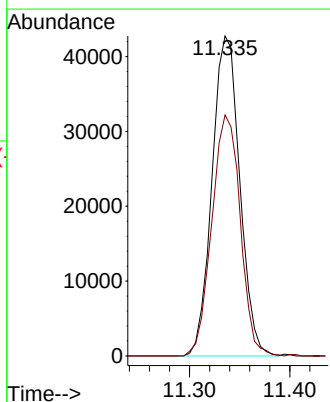
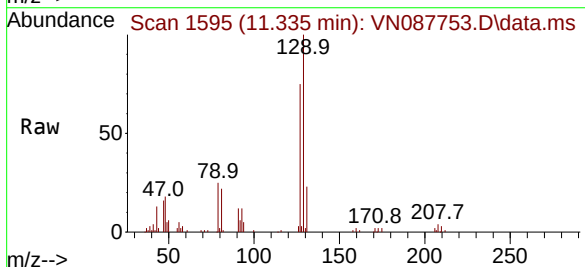
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

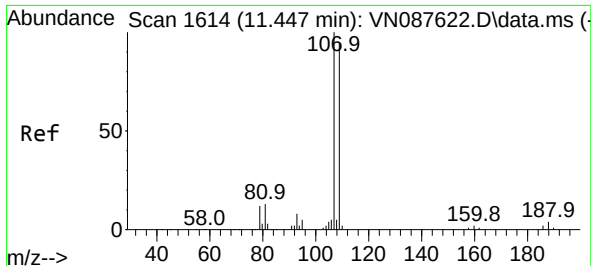
Tgt Ion: 43 Resp: 401035
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 18.959 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 129 Resp: 81915
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

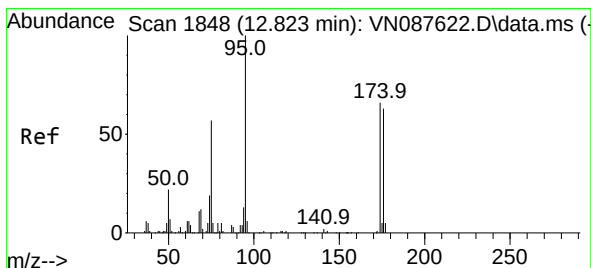
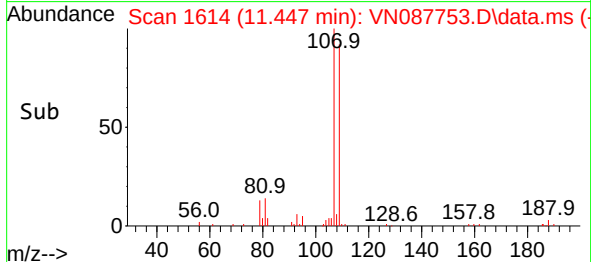
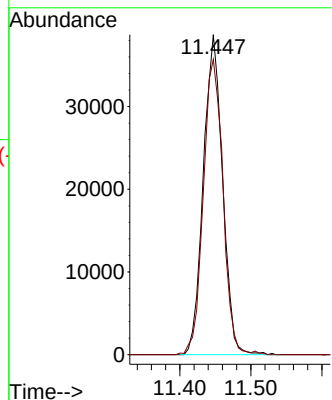
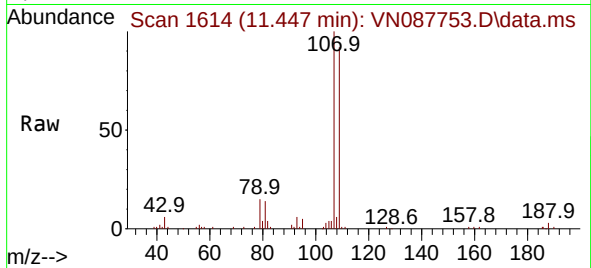




#61
1,2-Dibromoethane
Concen: 18.531 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

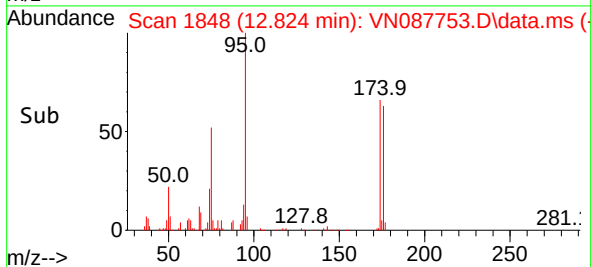
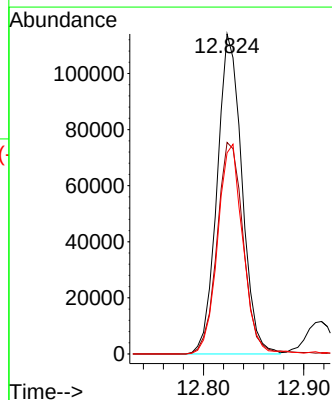
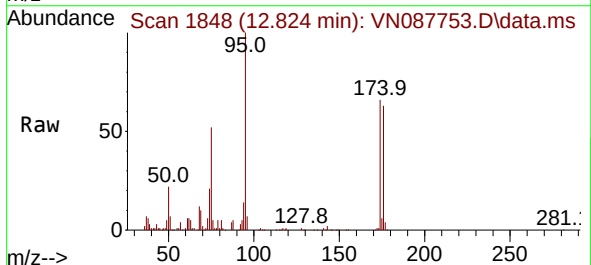
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

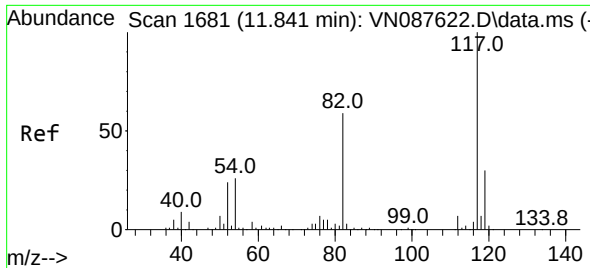
Tgt Ion:107 Resp: 72863
Ion Ratio Lower Upper
107 100
109 94.5 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.464 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 95 Resp: 195567
Ion Ratio Lower Upper
95 100
174 70.7 0.0 138.4
176 67.0 0.0 132.6

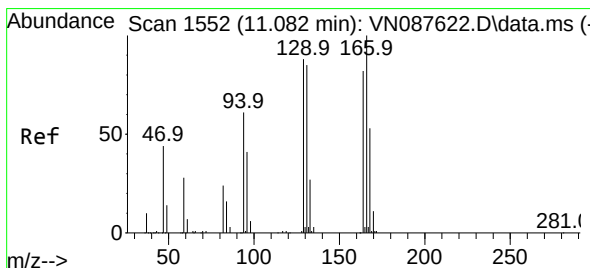
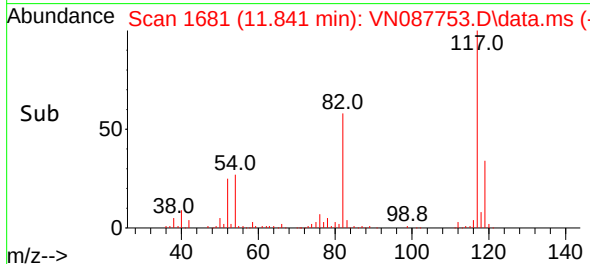
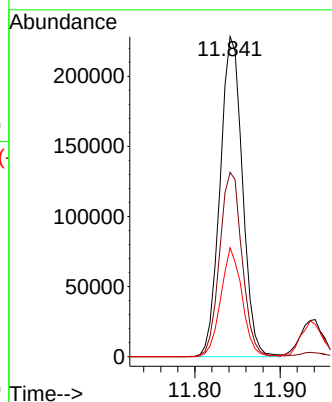
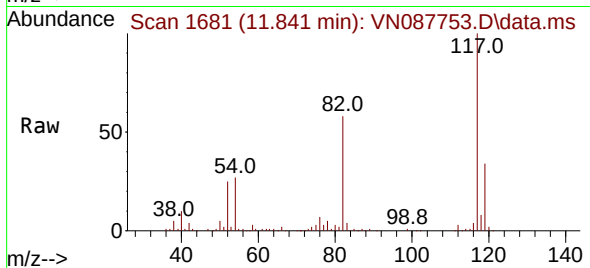




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

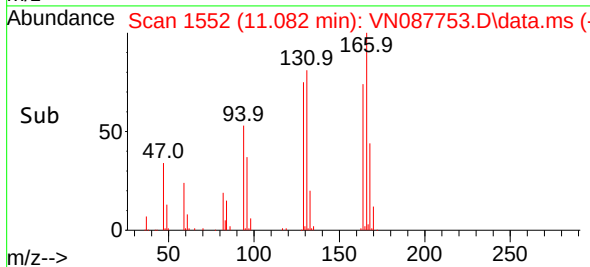
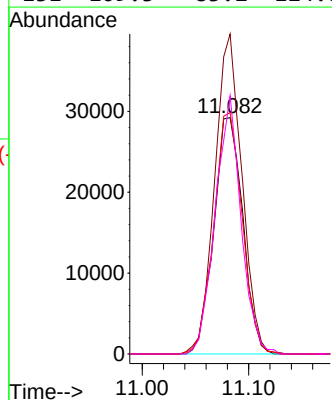
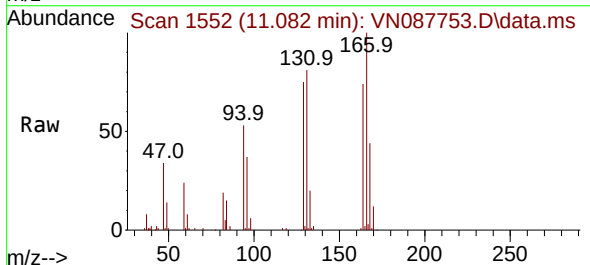
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

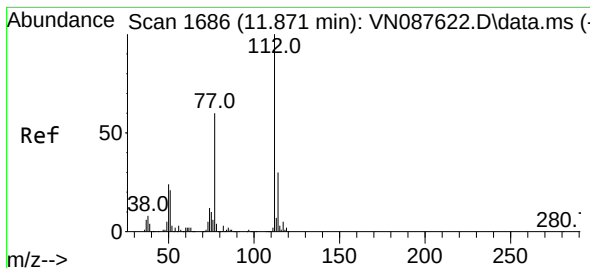
Tgt Ion:117 Resp: 416132
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 34.0 24.3 36.5



#64
Tetrachloroethene
Concen: 19.055 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion:164 Resp: 55013
Ion Ratio Lower Upper
164 100
166 135.4 97.7 146.5
129 102.2 85.9 128.9
131 109.3 83.2 124.8





#65

Chlorobenzene

Concen: 18.827 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

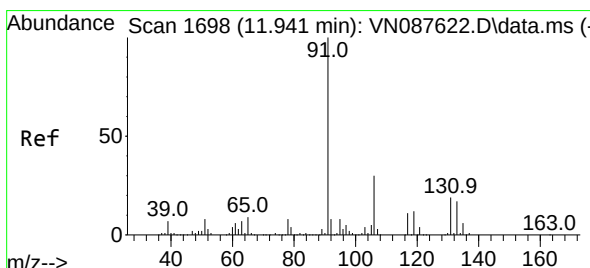
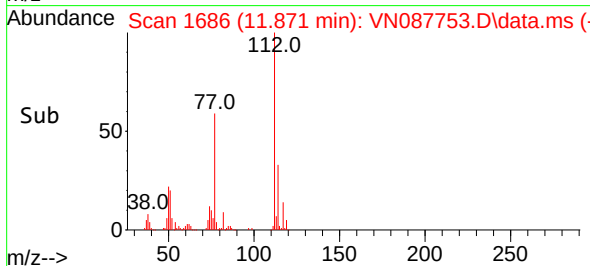
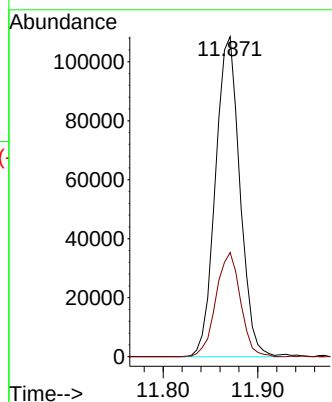
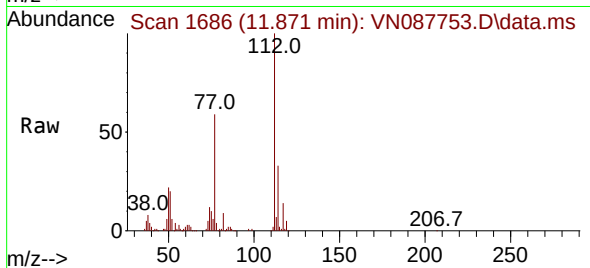
VN0908WBSD01

Tgt Ion:112 Resp: 194912

Ion Ratio Lower Upper

112 100

114 32.6 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.687 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

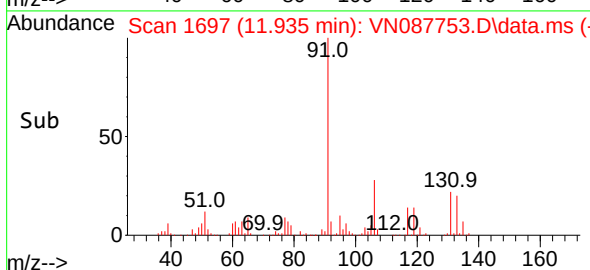
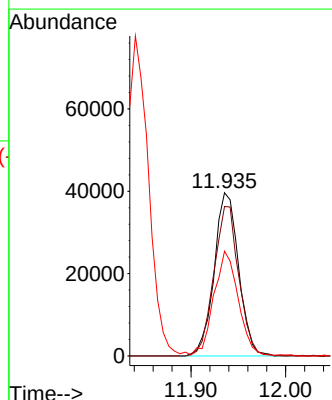
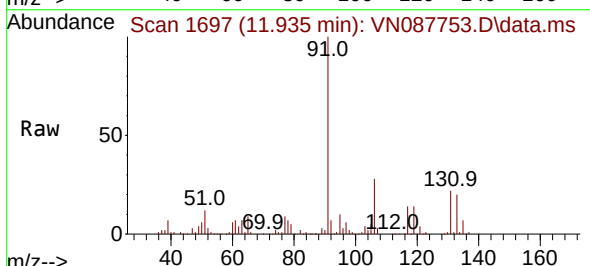
Tgt Ion:131 Resp: 71101

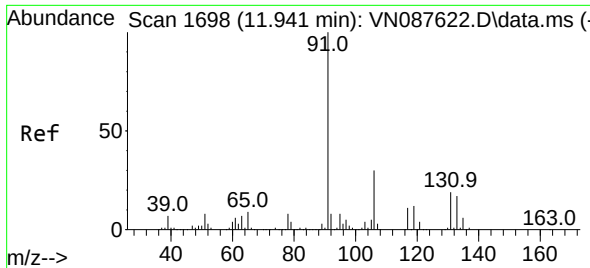
Ion Ratio Lower Upper

131 100

133 93.6 48.0 144.0

119 63.2 32.6 97.7

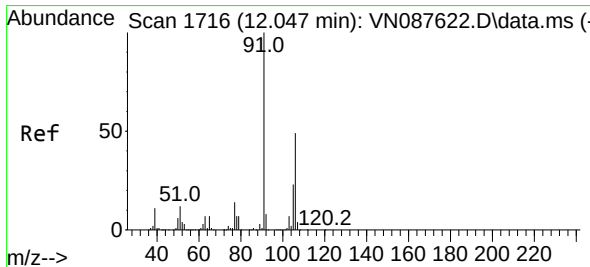
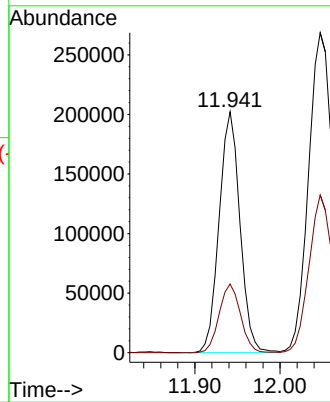
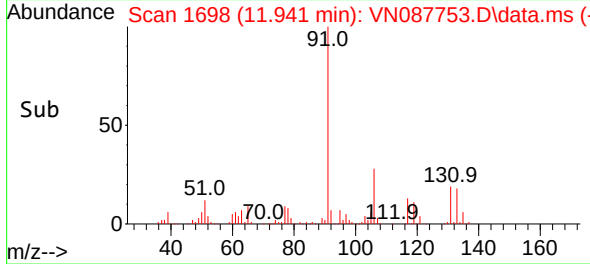
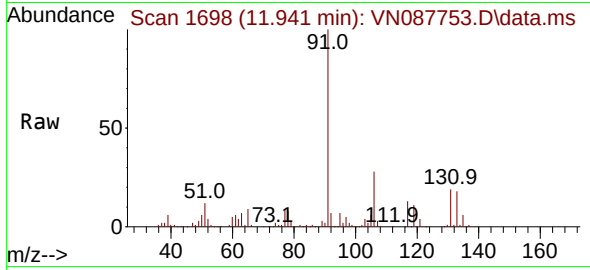




#67
Ethyl Benzene
Concen: 19.223 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

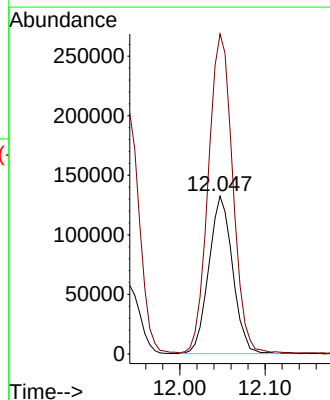
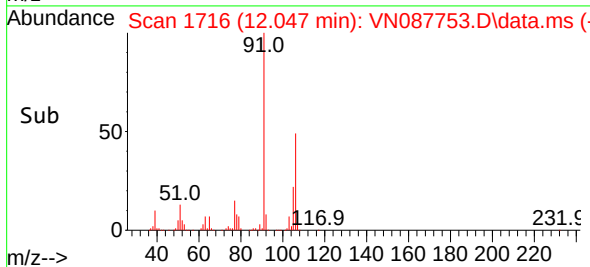
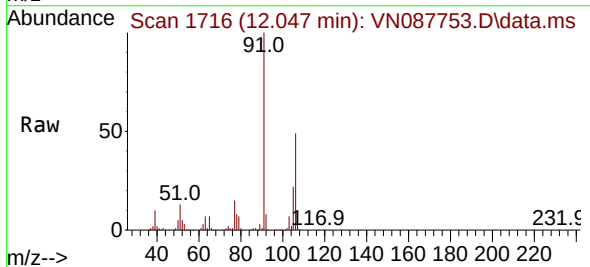
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

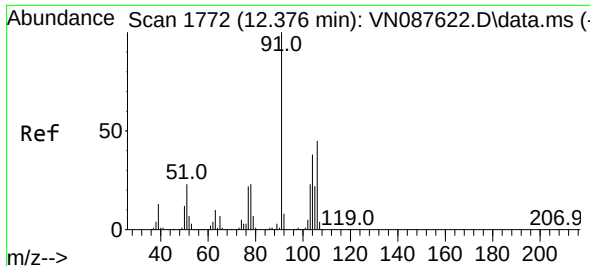
Tgt Ion: 91 Resp: 344565
Ion Ratio Lower Upper
91 100
106 28.5 24.1 36.1



#68
m/p-Xylenes
Concen: 39.015 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 106 Resp: 256482
Ion Ratio Lower Upper
106 100
91 208.0 169.3 253.9

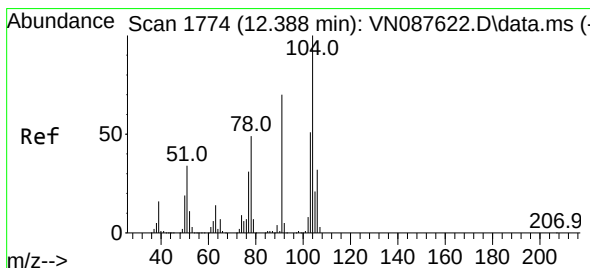
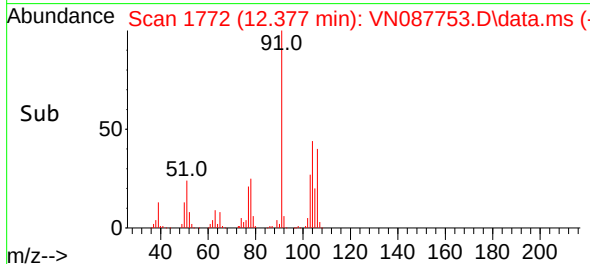
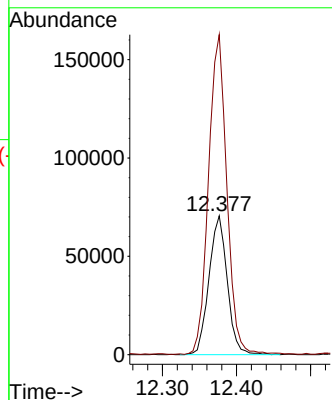
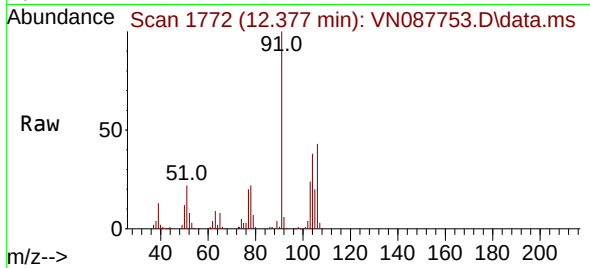




#69
o-Xylene
Concen: 18.819 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

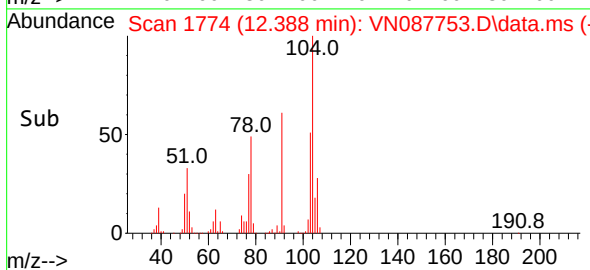
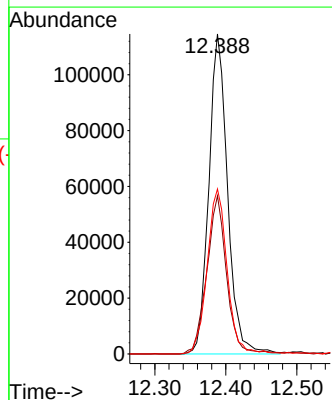
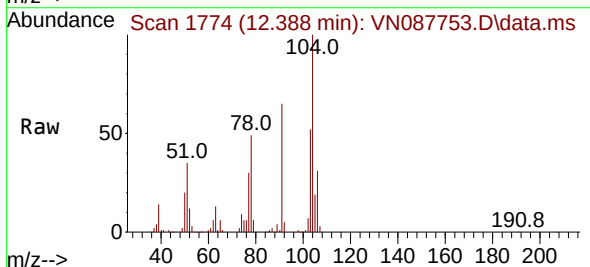
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

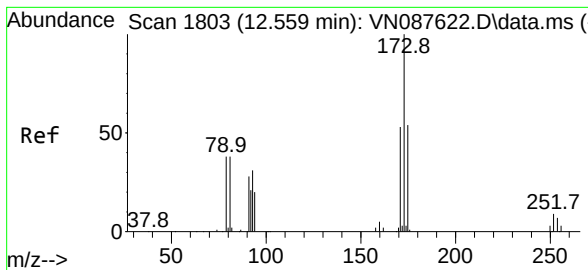
Tgt Ion:106 Resp: 121236
Ion Ratio Lower Upper
106 100
91 230.0 111.4 334.2



#70
Styrene
Concen: 19.489 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion:104 Resp: 210348
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.2
103 54.9 43.4 65.2

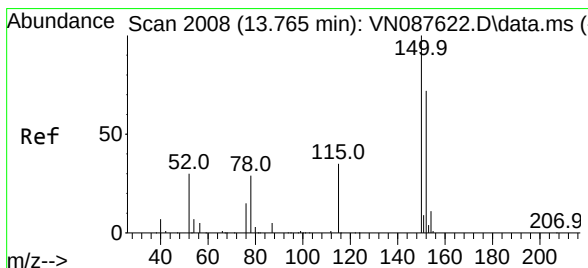
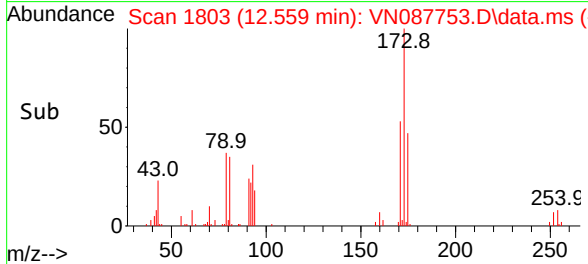
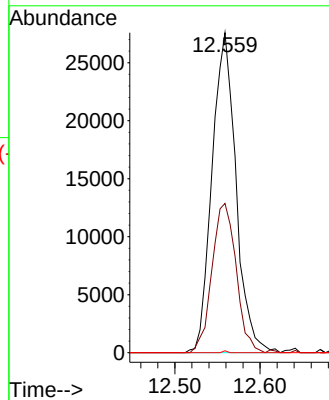
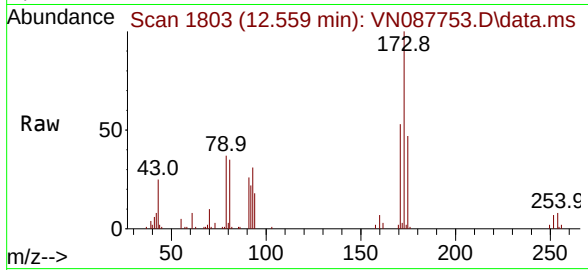




#71
Bromoform
Concen: 20.440 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

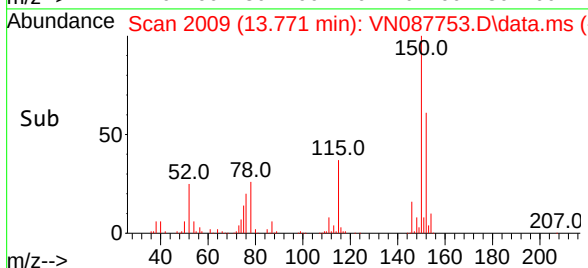
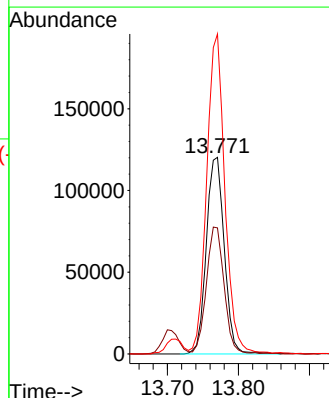
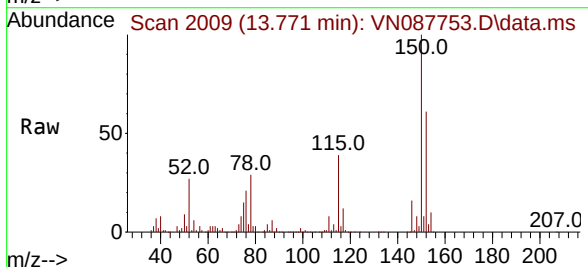
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

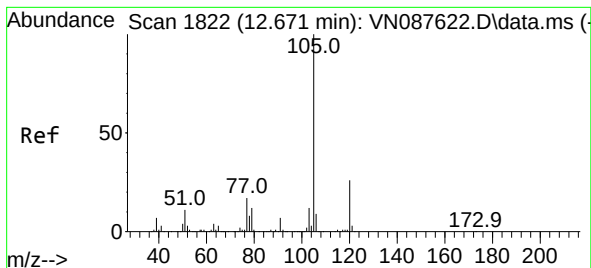
Tgt Ion:173 Resp: 53879
Ion Ratio Lower Upper
173 100
175 47.0 24.9 74.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion:152 Resp: 211983
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 162.8 0.0 351.0





#73

Isopropylbenzene

Concen: 19.167 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

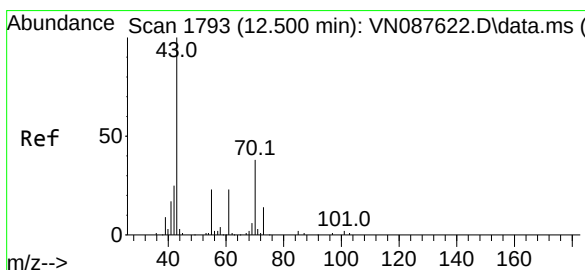
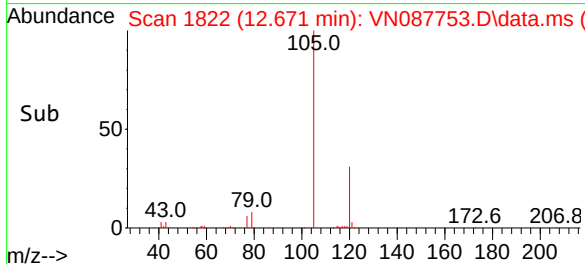
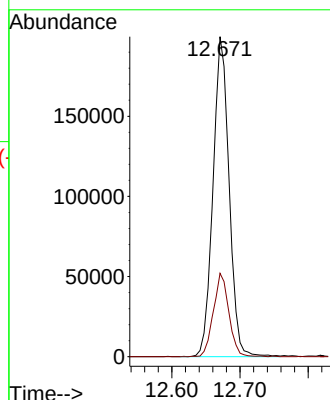
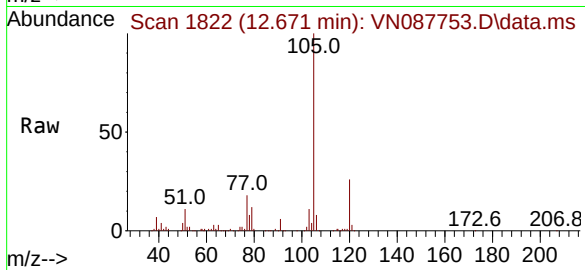
VN0908WBSD01

Tgt Ion:105 Resp: 328324

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#74

N-ethyl acetate

Concen: 4.468 ug/l

RT: 12.518 min Scan# 1796

Delta R.T. 0.018 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Tgt Ion: 43 Resp: 29004

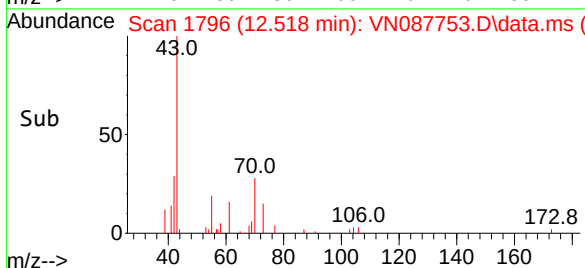
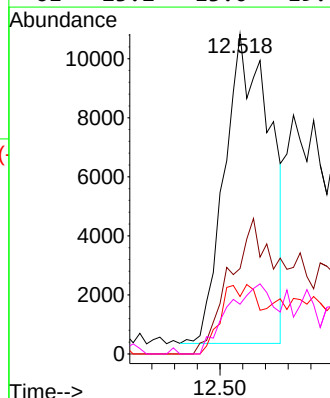
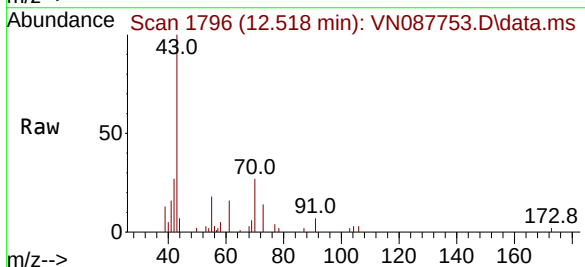
Ion Ratio Lower Upper

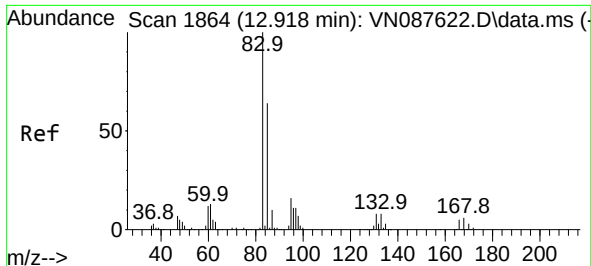
43 100

70 44.5 27.6 41.4#

55 19.7 13.0 19.6#

61 23.2 13.0 19.6#

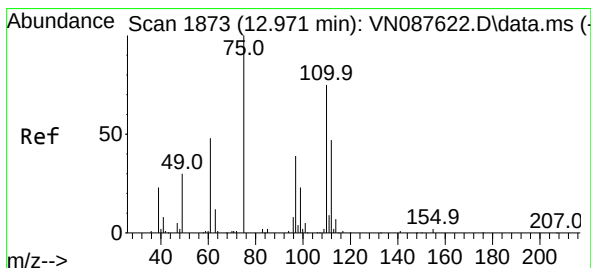
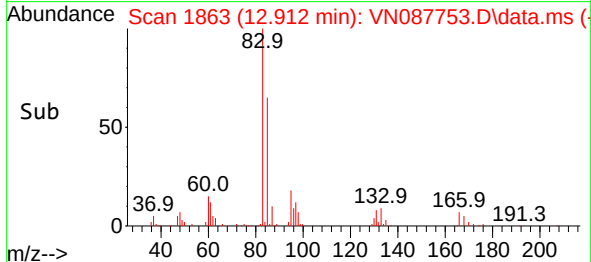
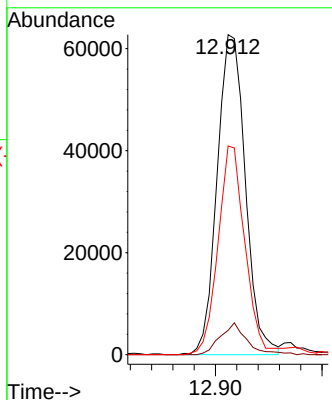
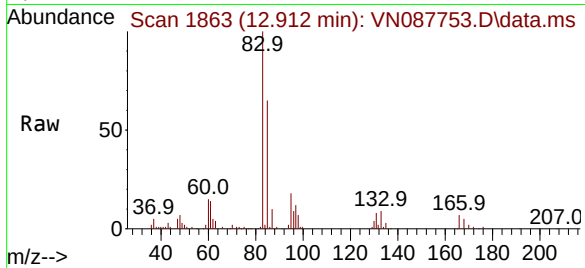




#75
1,1,2,2-Tetrachloroethane
Concen: 19.593 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

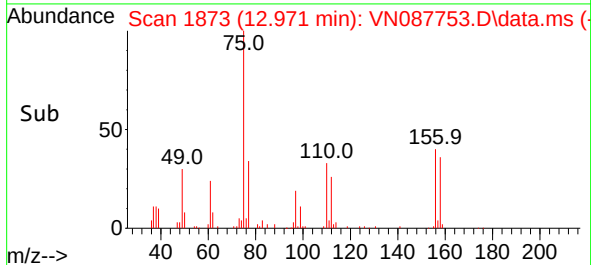
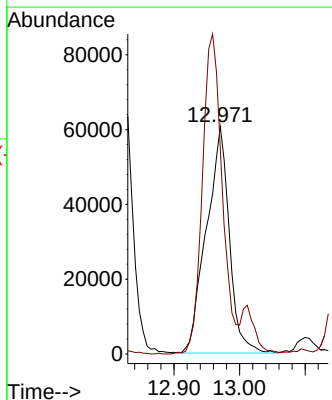
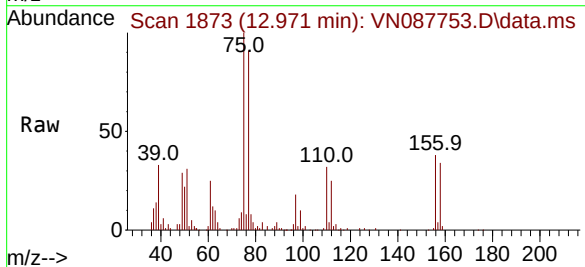
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

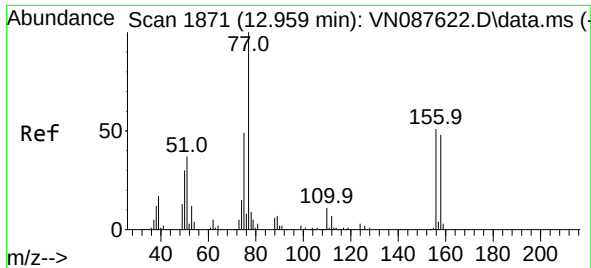
Tgt Ion: 83 Resp: 115548
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 62.1 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 29.578 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 75 Resp: 147038
Ion Ratio Lower Upper
75 100
77 123.2 89.1 267.4

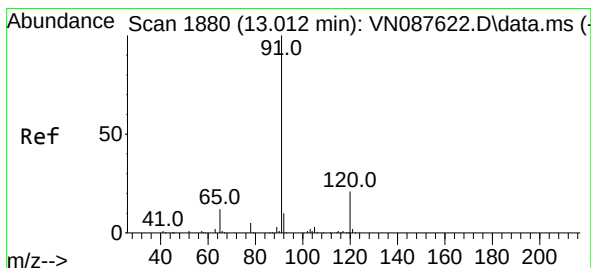
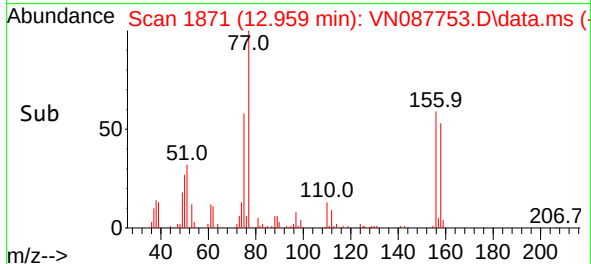
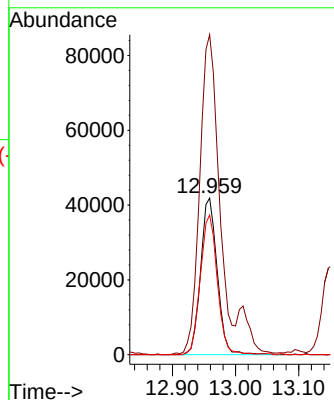
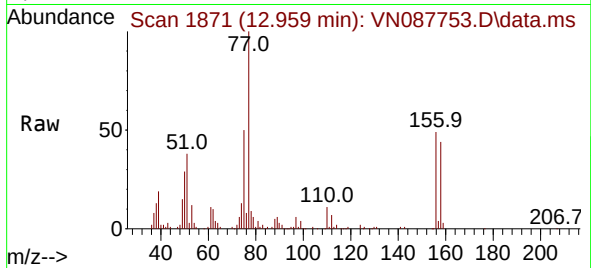




#77
Bromobenzene
Concen: 18.893 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

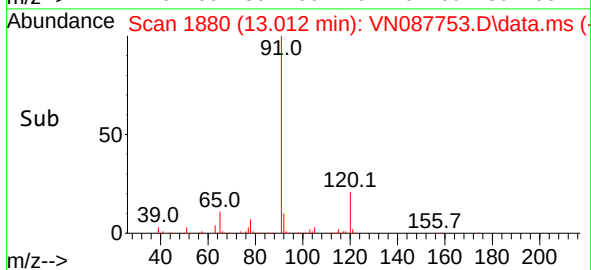
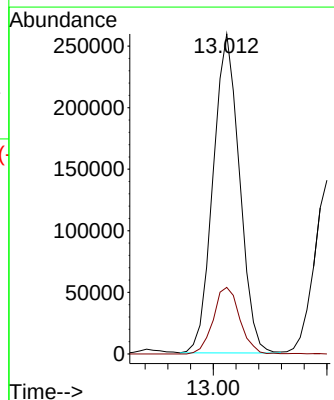
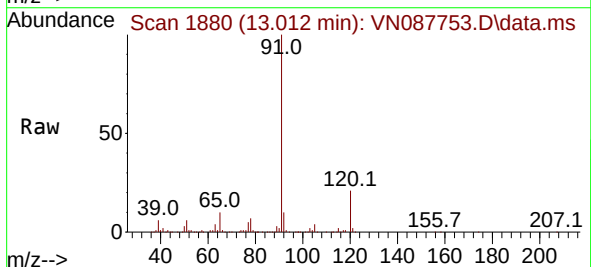
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

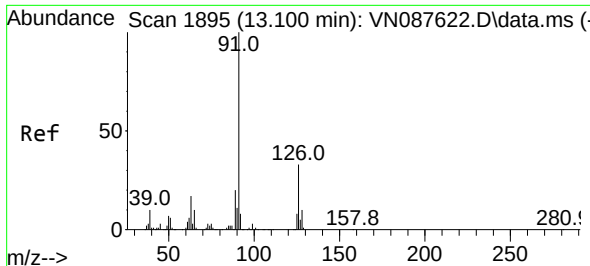
Tgt Ion:156 Resp: 76306
Ion Ratio Lower Upper
156 100
77 237.4 119.3 358.0
158 91.7 48.2 144.6



#78
n-propylbenzene
Concen: 19.810 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 91 Resp: 417970
Ion Ratio Lower Upper
91 100
120 21.0 10.7 32.1

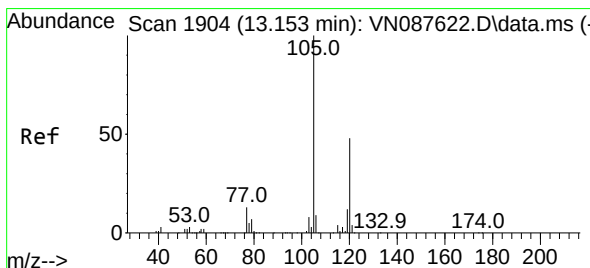
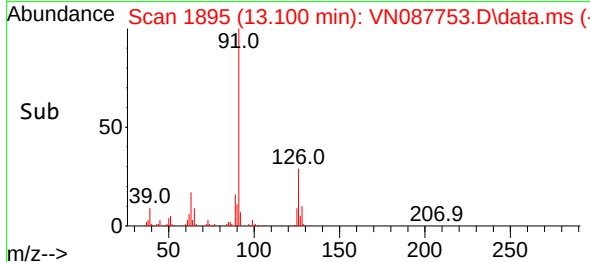
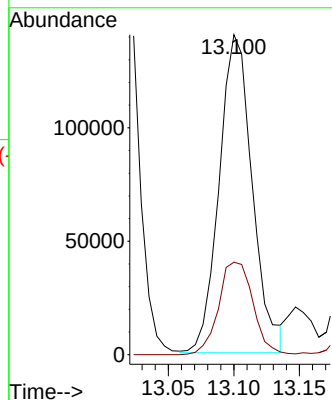
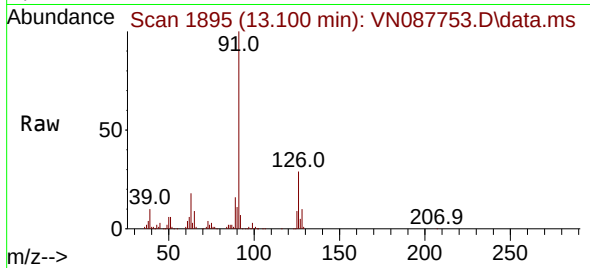




#79
2-Chlorotoluene
Concen: 19.403 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

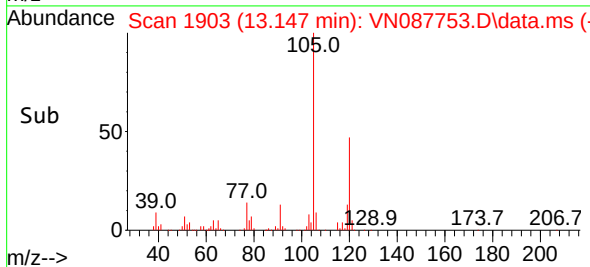
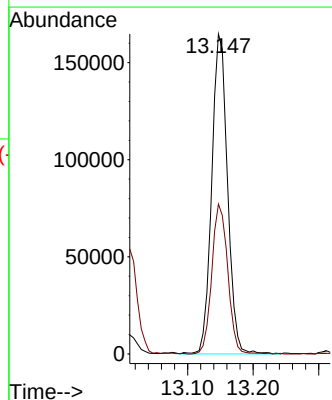
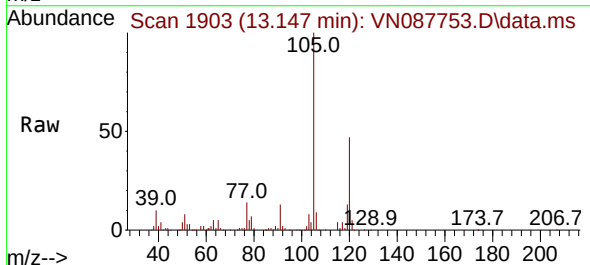
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

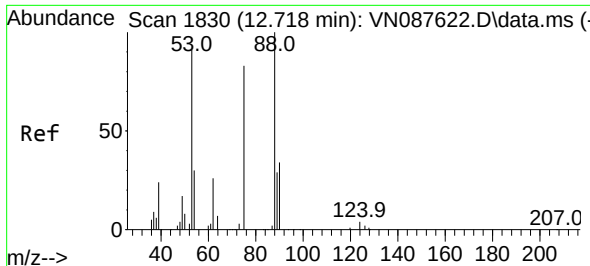
Tgt Ion: 91 Resp: 246367
Ion Ratio Lower Upper
91 100
126 30.2 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 18.963 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 105 Resp: 275555
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6

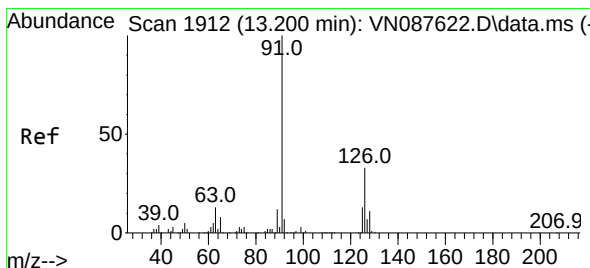
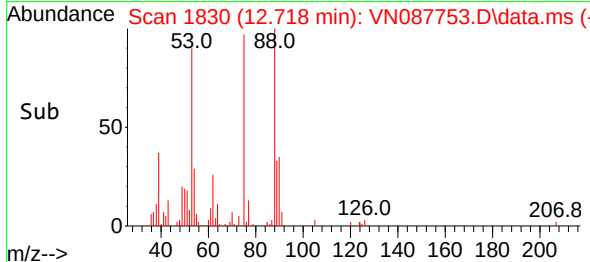
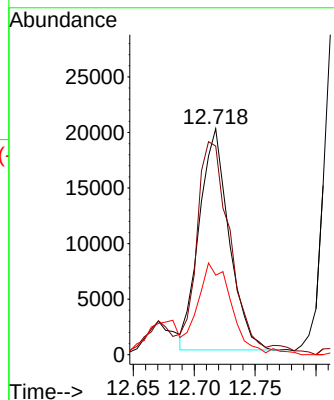
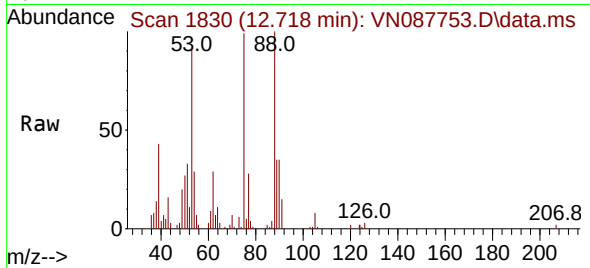




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.080 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

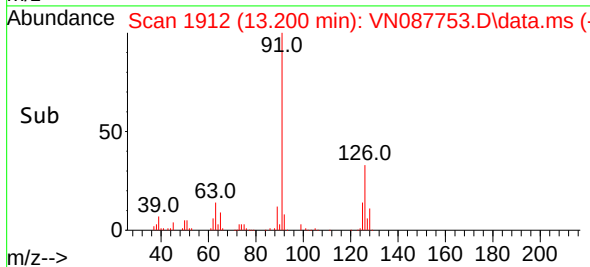
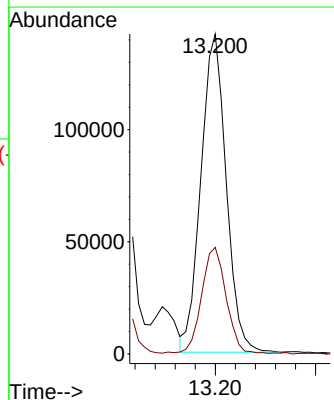
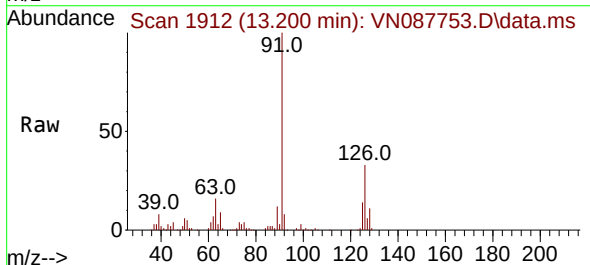
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

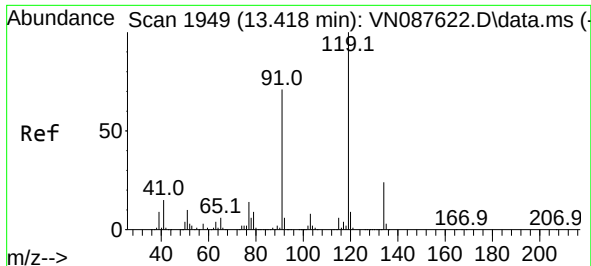
Tgt Ion: 75 Resp: 33950
 Ion Ratio Lower Upper
 75 100
 53 111.7 101.8 152.6
 89 45.0 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 18.624 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

Tgt Ion: 91 Resp: 248629
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.6 46.8

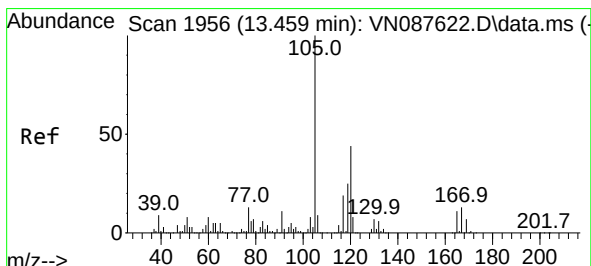
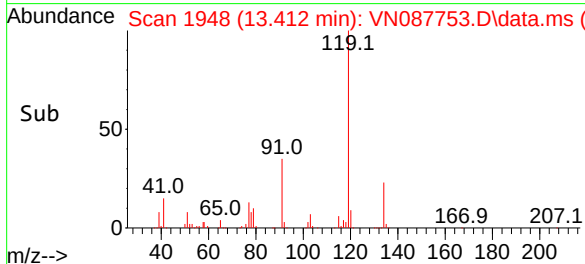
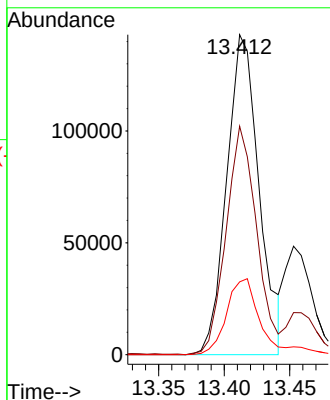
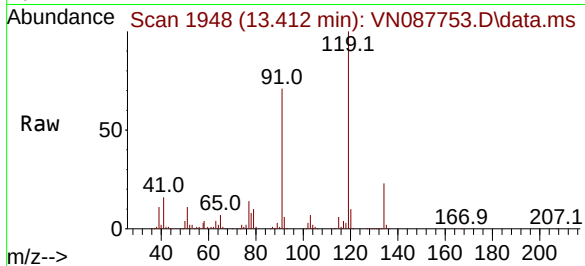




#83
 tert-Butylbenzene
 Concen: 20.321 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

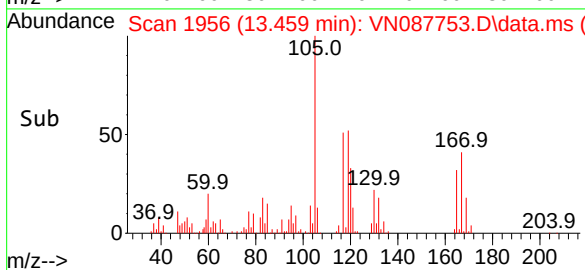
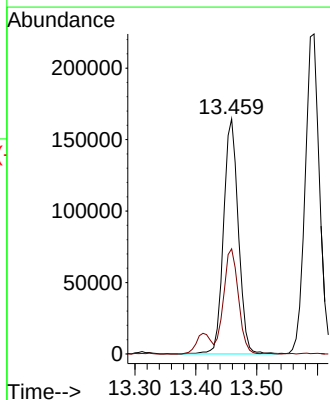
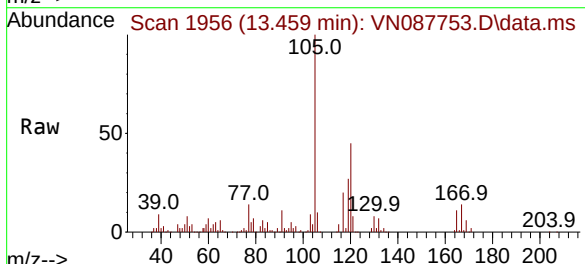
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

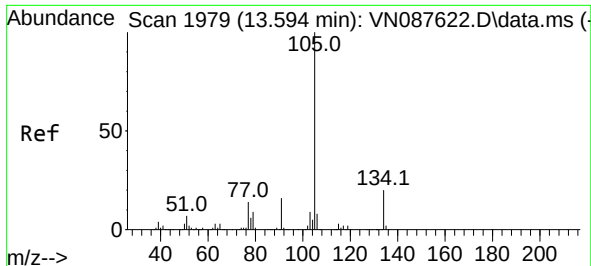
Tgt Ion:119 Resp: 246075
 Ion Ratio Lower Upper
 119 100
 91 67.1 35.0 105.0
 134 25.2 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.089 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

Tgt Ion:105 Resp: 277689
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0

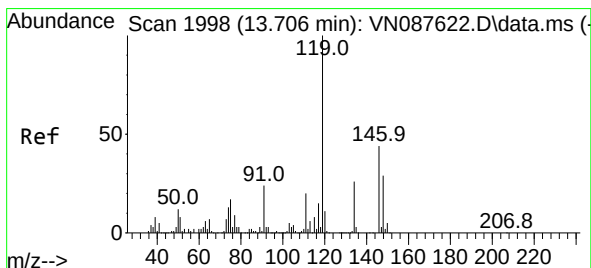
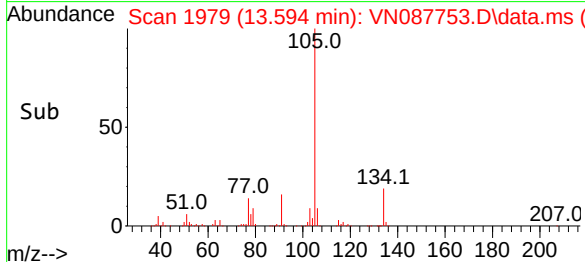
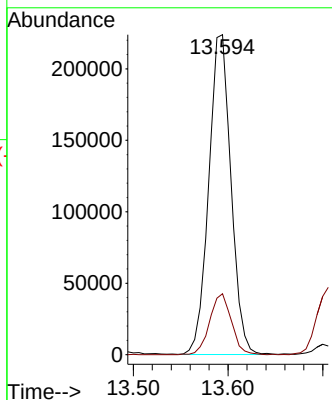
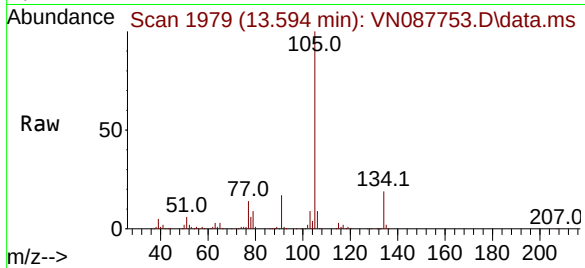




#85
 sec-Butylbenzene
 Concen: 20.339 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

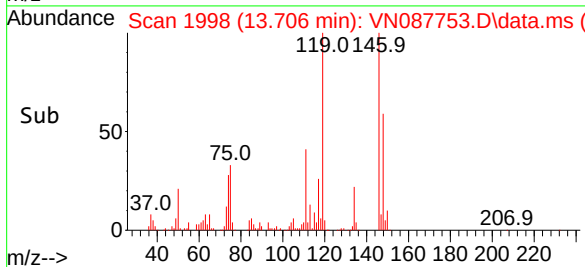
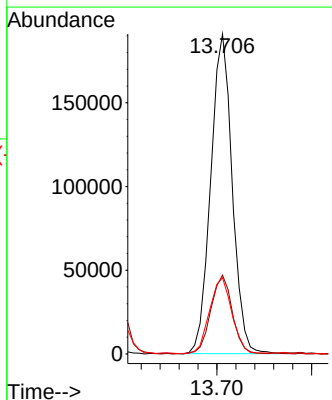
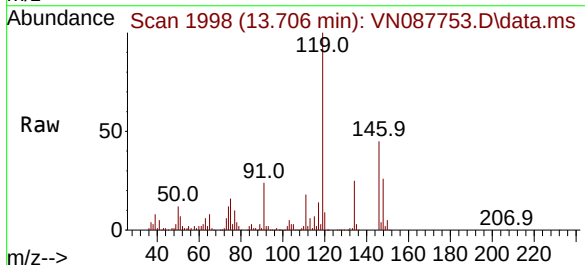
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

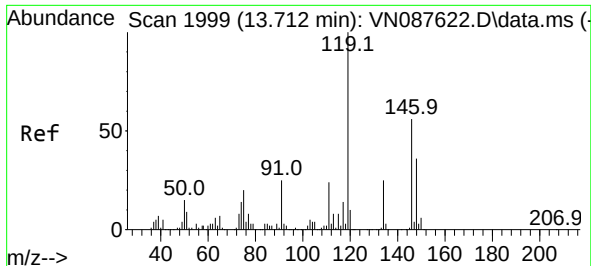
Tgt Ion:105 Resp: 365499
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.235 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

Tgt Ion:119 Resp: 300261
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.7 38.0
 91 24.4 12.5 37.5

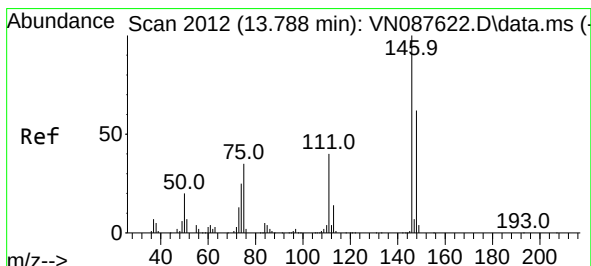
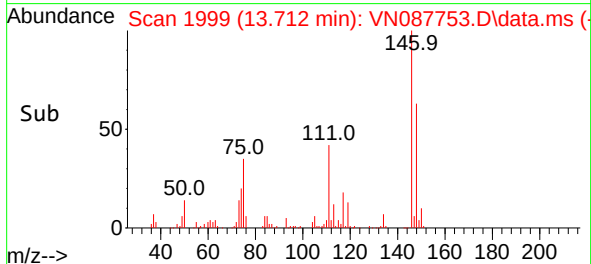
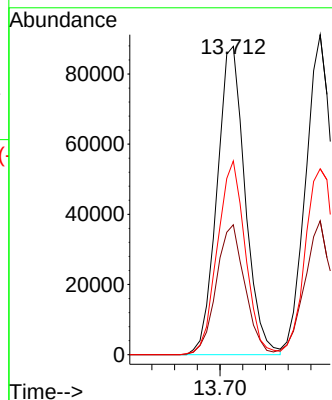
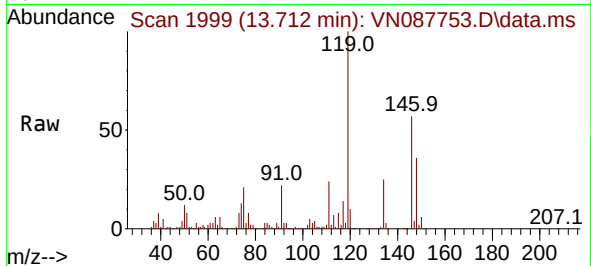




#87
 1,3-Dichlorobenzene
 Concen: 19.012 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

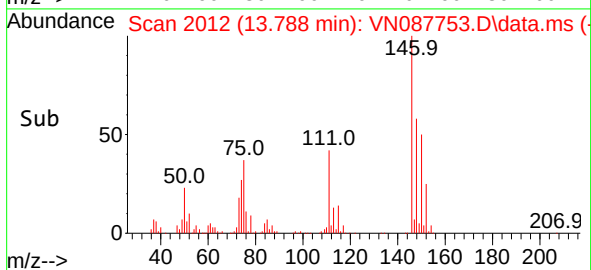
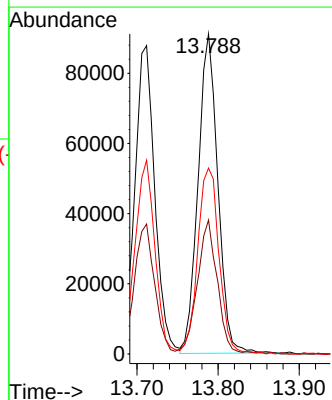
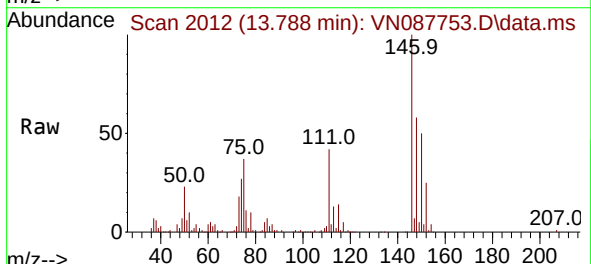
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

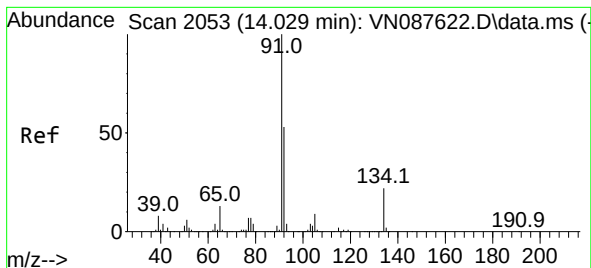
Tgt Ion:146 Resp: 151214
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.5
 148 62.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.634 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087753.D
 Acq: 08 Sep 2025 11:20

Tgt Ion:146 Resp: 154233
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 62.9 32.0 96.0





#89

n-Butylbenzene

Concen: 20.621 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

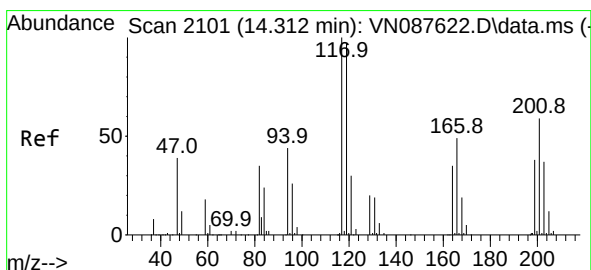
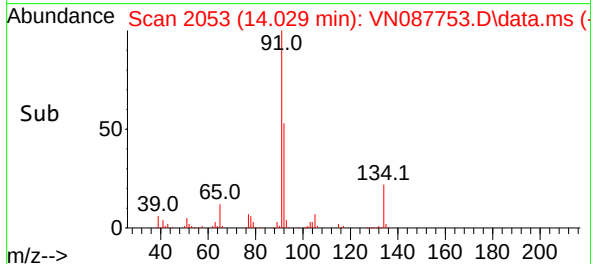
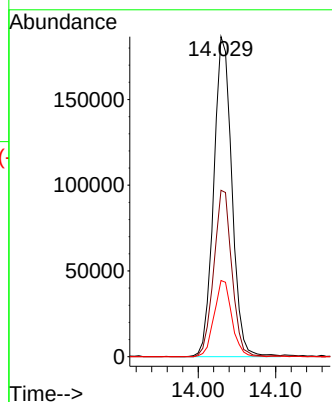
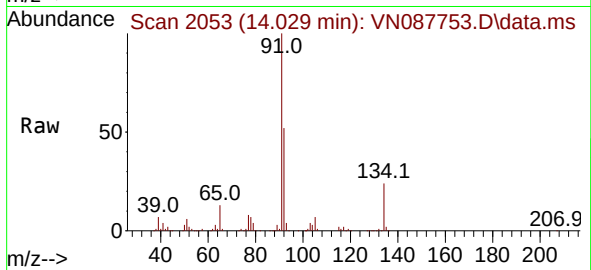
Tgt Ion: 91 Resp: 303902

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 23.2 11.7 35.0



#90

Hexachloroethane

Concen: 21.218 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087753.D

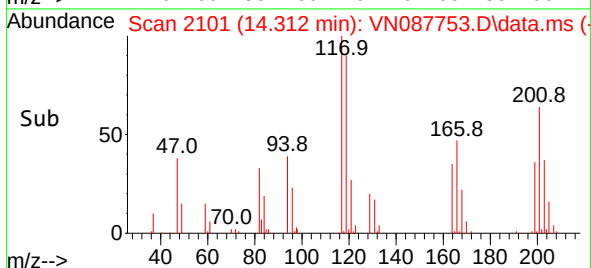
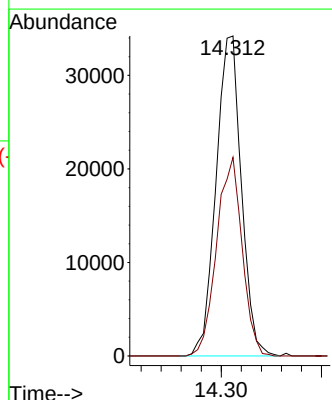
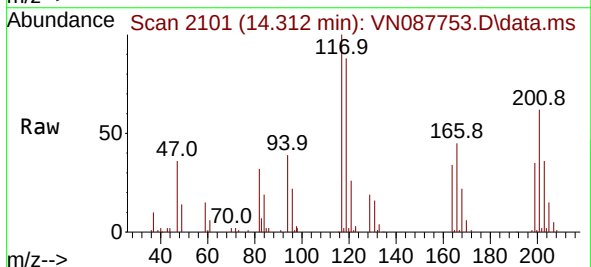
Acq: 08 Sep 2025 11:20

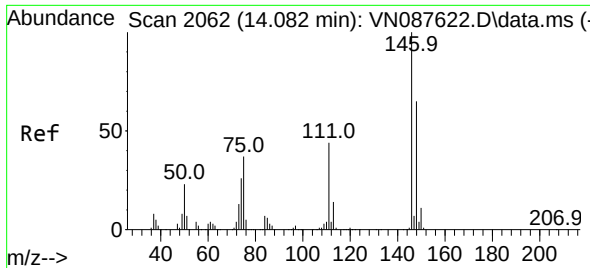
Tgt Ion: 117 Resp: 59984

Ion Ratio Lower Upper

117 100

201 62.5 29.1 87.4

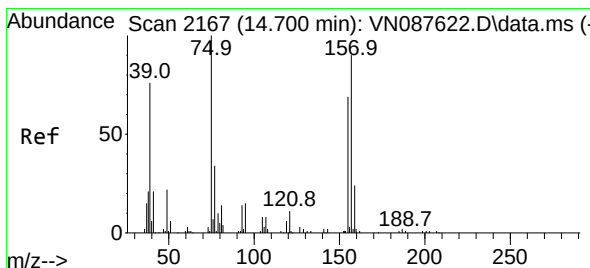
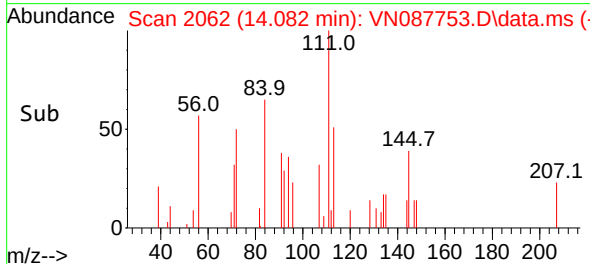
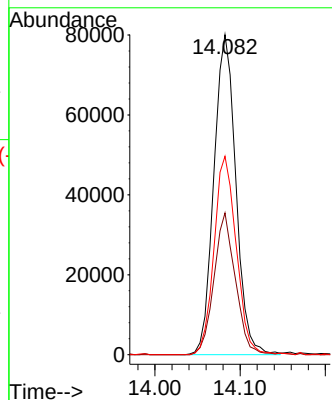
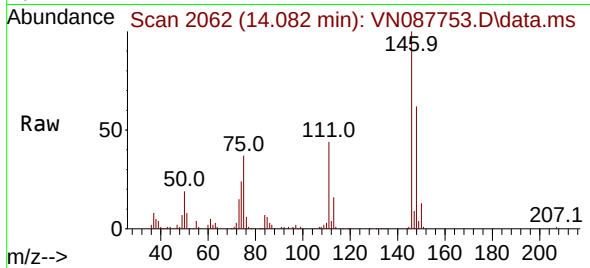




#91
1,2-Dichlorobenzene
Concen: 19.040 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

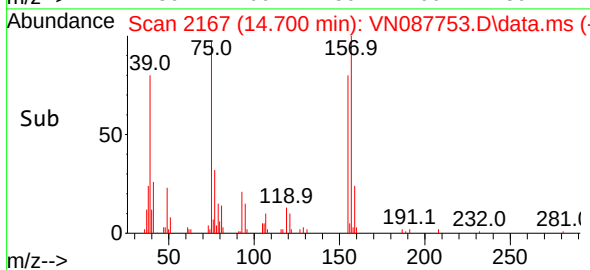
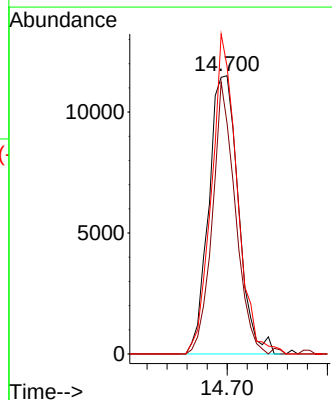
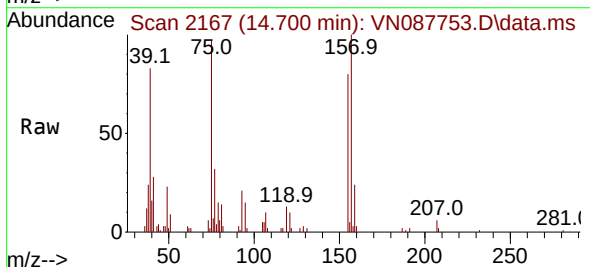
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

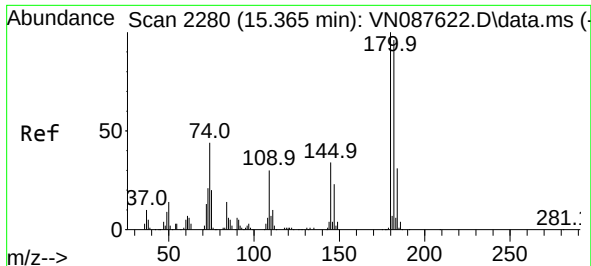
Tgt Ion:146 Resp: 143673
Ion Ratio Lower Upper
146 100
111 43.1 22.6 67.8
148 62.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.801 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087753.D
Acq: 08 Sep 2025 11:20

Tgt Ion: 75 Resp: 23538
Ion Ratio Lower Upper
75 100
155 75.8 36.6 109.9
157 99.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.458 ug/l

RT: 15.365 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

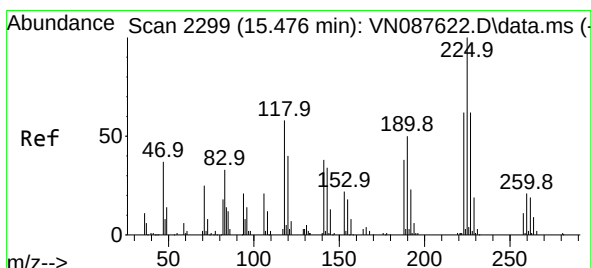
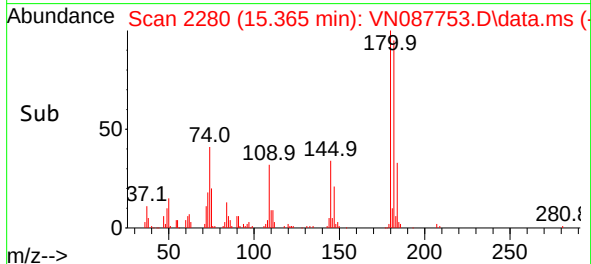
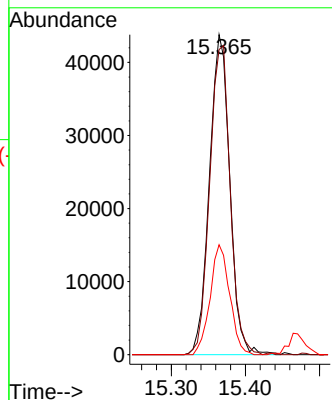
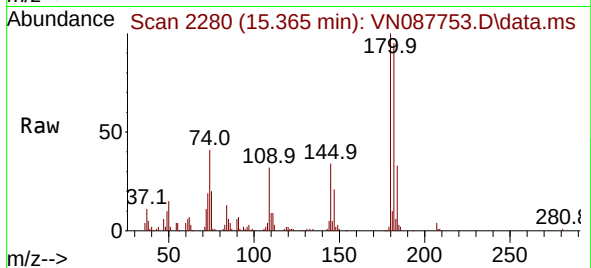
Tgt Ion:180 Resp: 83637

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.9

145 33.0 16.5 49.5



#94

Hexachlorobutadiene

Concen: 21.332 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

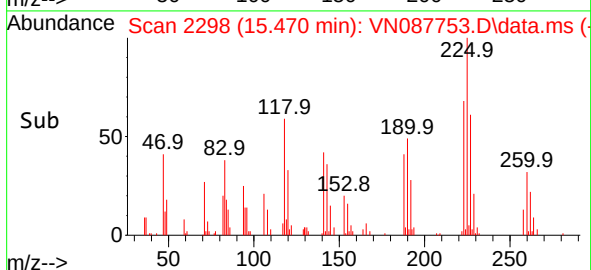
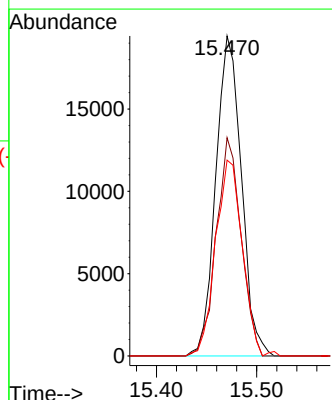
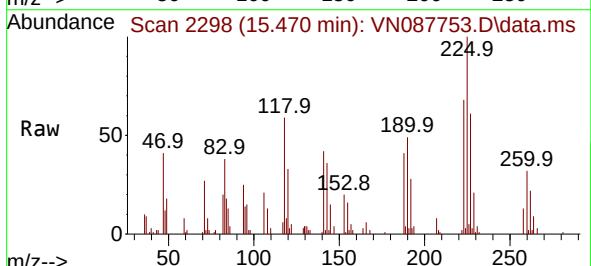
Tgt Ion:225 Resp: 34460

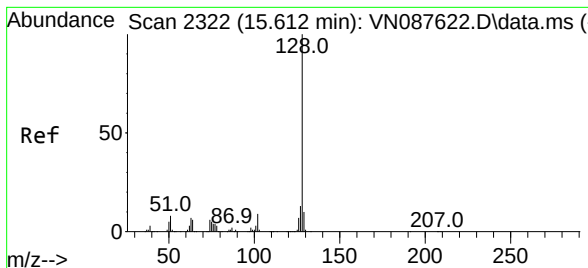
Ion Ratio Lower Upper

225 100

223 66.1 32.0 96.2

227 64.0 32.1 96.5





#95

Naphthalene

Concen: 17.746 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

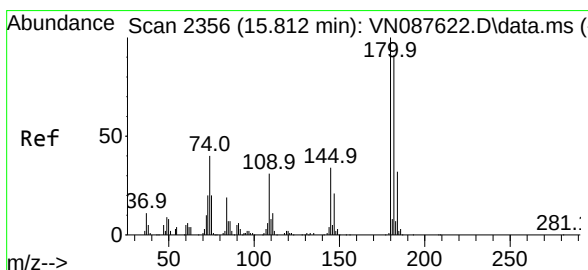
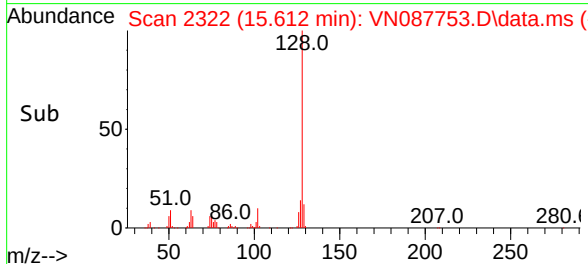
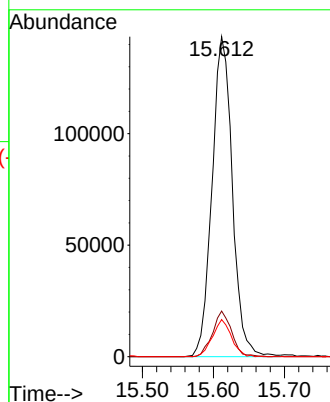
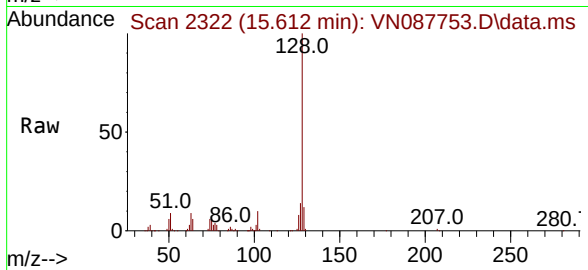
Tgt Ion:128 Resp: 284818

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: 18.474 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087753.D

Acq: 08 Sep 2025 11:20

Tgt Ion:180 Resp: 81832

Ion Ratio Lower Upper

180 100

182 93.7 46.8 140.3

145 33.4 17.3 52.0

