

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087957.D
 Acq On : 25 Sep 2025 16:07
 Operator : JC\MD
 Sample : Q3179-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 07:33:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	218032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	405927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	395864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	221292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	190808	52.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.000%	
35) Dibromofluoromethane	8.153	113	145717	49.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.880%	
50) Toluene-d8	10.547	98	518478	50.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.829	95	189005	51.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	135112	53.510	ug/l	100
3) Chloromethane	2.383	50	141905	54.887	ug/l	100
4) Vinyl Chloride	2.536	62	146194	55.426	ug/l	100
5) Bromomethane	2.971	94	90218	55.172	ug/l	98
6) Chloroethane	3.136	64	95351	55.598	ug/l	90
7) Trichlorofluoromethane	3.506	101	238088	55.440	ug/l	97
8) Diethyl Ether	3.959	74	92670	57.118	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	125231	55.173	ug/l	96
10) Methyl Iodide	4.577	142	118680	58.096	ug/l	95
11) Tert butyl alcohol	5.524	59	158968	300.787	ug/l	99
12) 1,1-Dichloroethene	4.330	96	127759	55.784	ug/l	98
13) Acrolein	4.177	56	169276	249.622	ug/l	95
14) Allyl chloride	5.012	41	203713	54.636	ug/l	95
15) Acrylonitrile	5.712	53	494652	298.379	ug/l	98
16) Acetone	4.424	43	456769	302.553	ug/l	99
17) Carbon Disulfide	4.706	76	375847	52.524	ug/l #	95
18) Methyl Acetate	5.018	43	260144	68.853	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	528075	59.025	ug/l	99
20) Methylene Chloride	5.265	84	199904	65.417	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	149114	53.110	ug/l	92
22) Diisopropyl ether	6.659	45	519226	59.653	ug/l	94
23) Vinyl Acetate	6.589	43	1259743	171.890	ug/l	99
24) 1,1-Dichloroethane	6.553	63	293244	57.666	ug/l	97
25) 2-Butanone	7.471	43	703968	305.073	ug/l	98
26) 2,2-Dichloropropane	7.477	77	240989	53.339	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	192285	57.559	ug/l	98
28) Bromochloromethane	7.800	49	133727	48.401	ug/l	97
29) Tetrahydrofuran	7.824	42	445191	301.303	ug/l	99
30) Chloroform	7.947	83	323877	58.249	ug/l	98
31) Cyclohexane	8.241	56	224406	54.539	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	271385	57.763	ug/l	97
36) 1,1-Dichloropropene	8.353	75	199115	56.185	ug/l	100
37) Ethyl Acetate	7.547	43	264460	56.828	ug/l	100
38) Carbon Tetrachloride	8.341	117	228618	56.218	ug/l	97
39) Methylcyclohexane	9.582	83	222889	57.012	ug/l	99
40) Benzene	8.588	78	665226	56.692	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	144793	60.205	ug/l	98
42) 1,2-Dichloroethane	8.653	62	247018	56.411	ug/l	100
43) Isopropyl Acetate	8.677	43	434820	59.359	ug/l	99
44) Trichloroethene	9.335	130	153443	54.745	ug/l	94
45) 1,2-Dichloropropane	9.606	63	168128	57.141	ug/l	99
46) Dibromomethane	9.688	93	135081	58.181	ug/l	96
47) Bromodichloromethane	9.871	83	262624	57.672	ug/l	96
48) Methyl methacrylate	9.665	41	198617	58.550	ug/l	97
49) 1,4-Dioxane	9.682	88	62408	1245.312	ug/l	94
51) 4-Methyl-2-Pentanone	10.429	43	1403493	307.046	ug/l	99
52) Toluene	10.612	92	419478	56.968	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	269120	57.744	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	273850	56.574	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	174056	58.135	ug/l	96
56) Ethyl methacrylate	10.853	69	259922	60.081	ug/l	98
57) 1,3-Dichloropropane	11.141	76	289283	58.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	619221	304.423	ug/l	98
59) 2-Hexanone	11.176	43	983628	325.445	ug/l	99
60) Dibromochloromethane	11.341	129	205916	58.495	ug/l	98
61) 1,2-Dibromoethane	11.447	107	181512	57.267	ug/l	99
64) Tetrachloroethene	11.082	164	144313	59.847	ug/l	95
65) Chlorobenzene	11.871	112	465456	55.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	173547	57.127	ug/l	97
67) Ethyl Benzene	11.941	91	799376	56.867	ug/l	100
68) m/p-Xylenes	12.047	106	629602	117.112	ug/l	98
69) o-Xylene	12.376	106	297085	57.518	ug/l	99
70) Styrene	12.388	104	531182	59.880	ug/l	99
71) Bromoform	12.559	173	141537	57.425	ug/l #	100
73) Isopropylbenzene	12.676	105	770089	56.149	ug/l	98
74) N-amyl acetate	12.500	43	126789	28.057	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.918	83	271942	55.031	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	352426	80.792	ug/l	58
77) Bromobenzene	12.959	156	195283	53.515	ug/l	100
78) n-propylbenzene	13.012	91	940516	54.849	ug/l	99
79) 2-Chlorotoluene	13.106	91	563789	53.998	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	666576	56.189	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	87145	55.474	ug/l	96
82) 4-Chlorotoluene	13.200	91	596499	56.698	ug/l	100
83) tert-Butylbenzene	13.418	119	556556	55.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	688225	56.560	ug/l	100
85) sec-Butylbenzene	13.594	105	819809	55.687	ug/l	97
86) p-Isopropyltoluene	13.706	119	692512	55.540	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	385722	54.166	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	395625	54.060	ug/l	99
89) n-Butylbenzene	14.035	91	645871	54.811	ug/l	99
90) Hexachloroethane	14.312	117	139501	53.561	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	374847	54.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	58587	51.025	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	220275	54.352	ug/l	99
94) Hexachlorobutadiene	15.476	225	81592	54.698	ug/l	99
95) Naphthalene	15.611	128	747760	57.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	220406	55.941	ug/l	99

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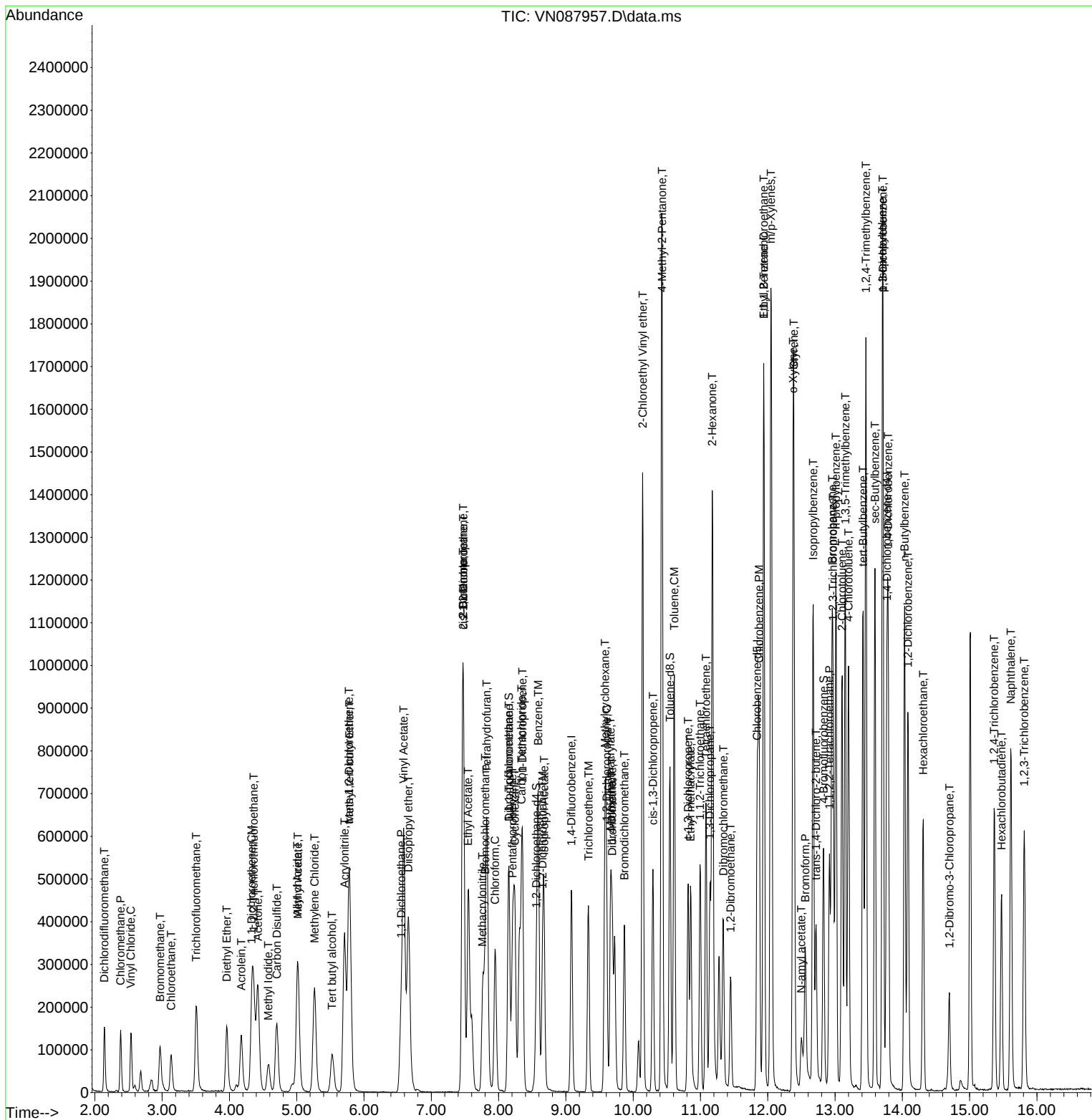
Instrument :
MSVOA_N
ClientSampleId :

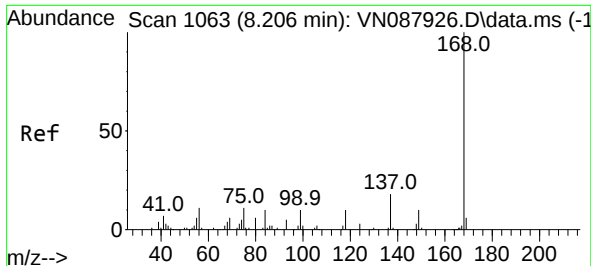
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

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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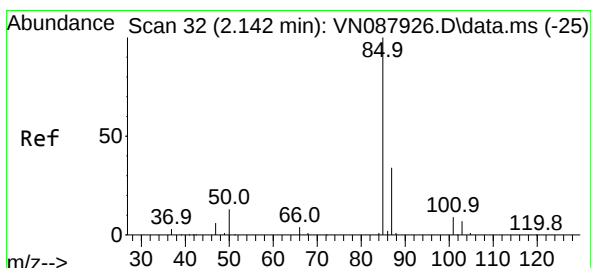
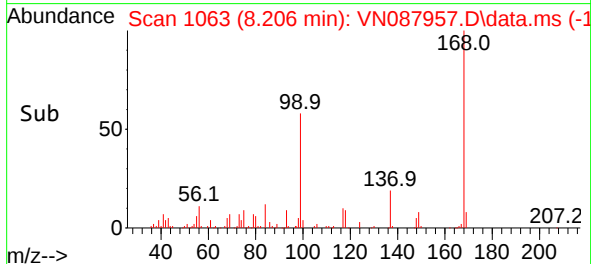
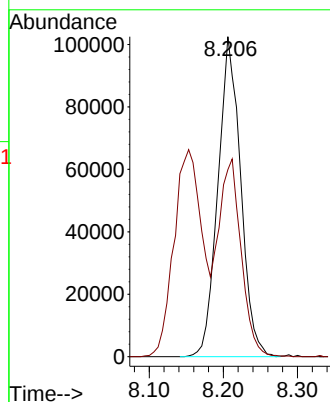
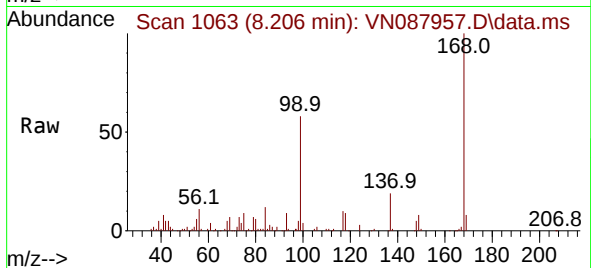




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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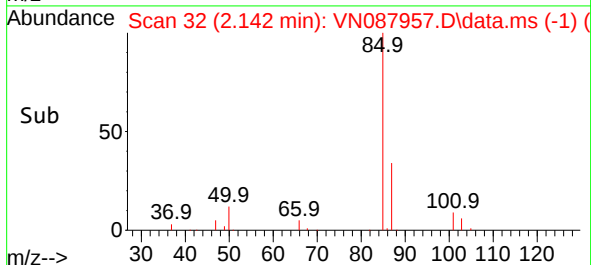
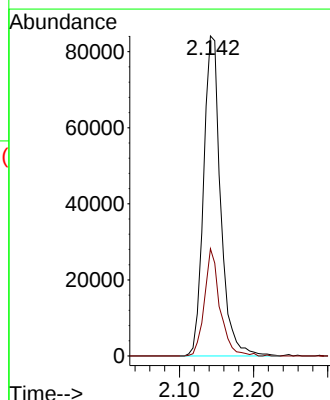
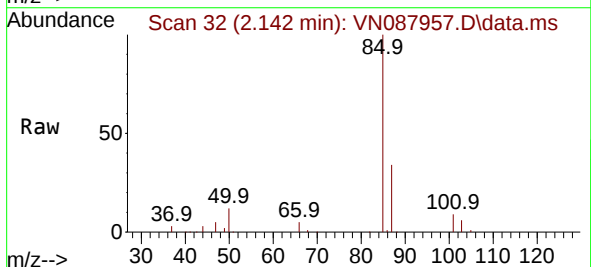
Instrument :
MSVOA_N
ClientSampleId :

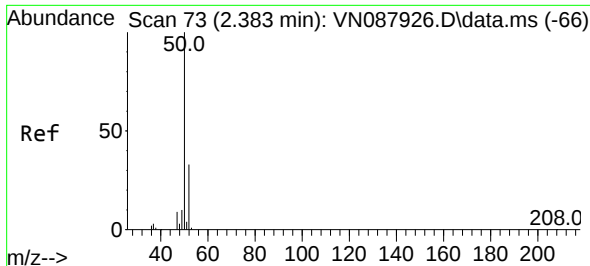
Tgt Ion:168 Resp: 218032
Ion Ratio Lower Upper
168 100
99 58.3 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 53.510 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 85 Resp: 135112
Ion Ratio Lower Upper
85 100
87 33.5 16.9 50.6

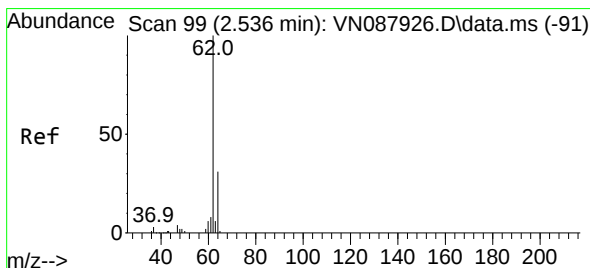
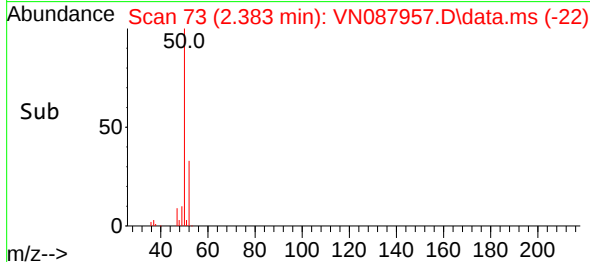
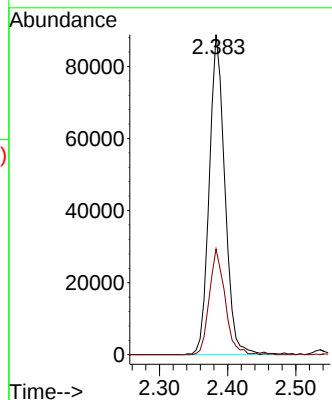
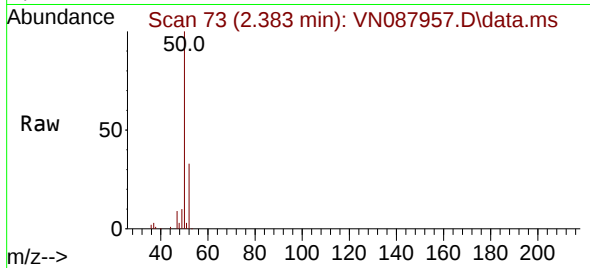




#3
Chloromethane
Concen: 54.887 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

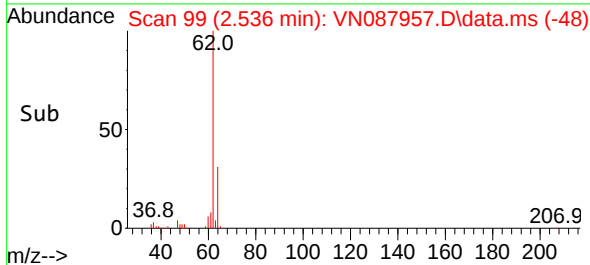
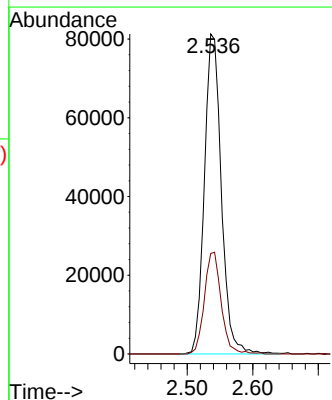
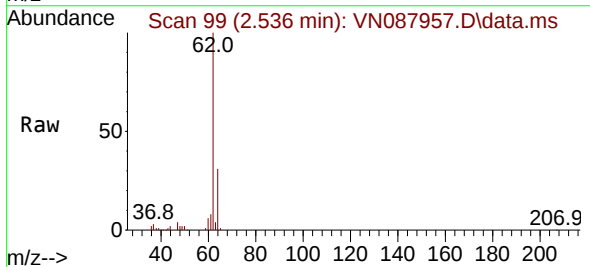
Instrument :
MSVOA_N
ClientSampleId :

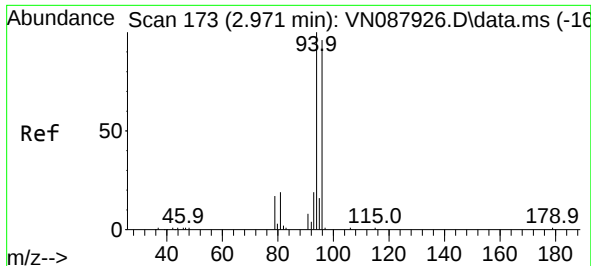
Tgt Ion: 50 Resp: 141905
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 55.426 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 62 Resp: 146194
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8

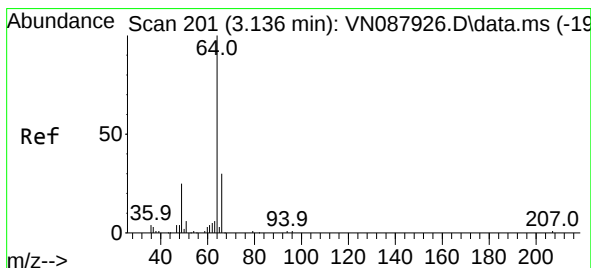
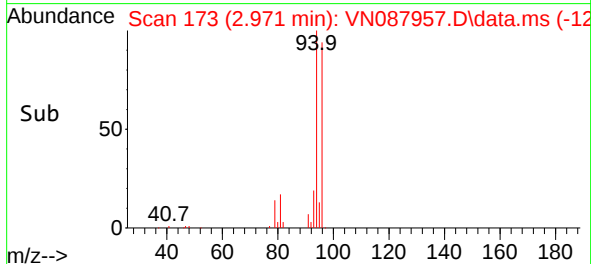
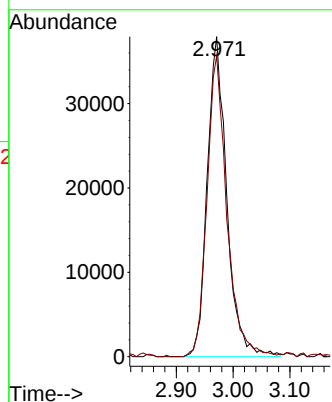
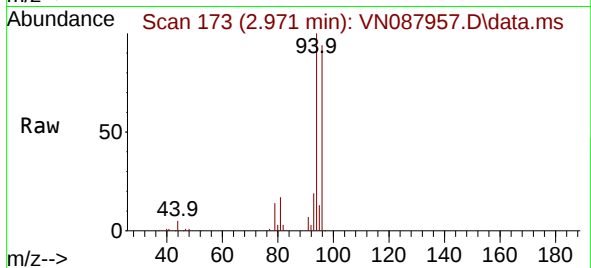




#5
Bromomethane
Concen: 55.172 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

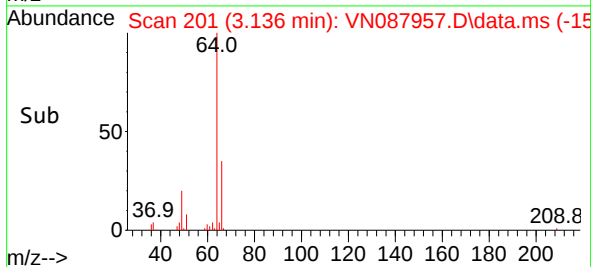
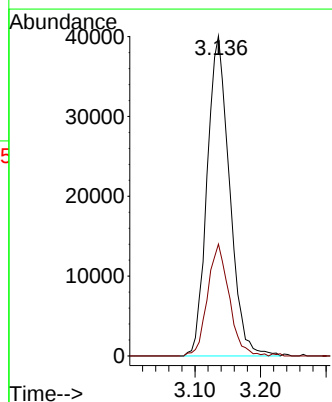
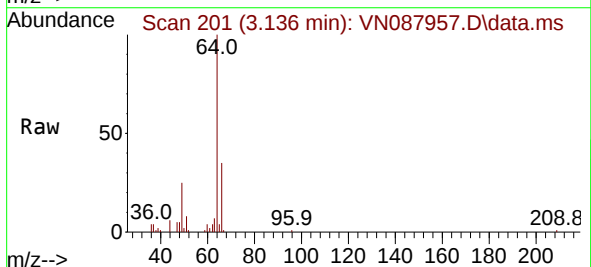
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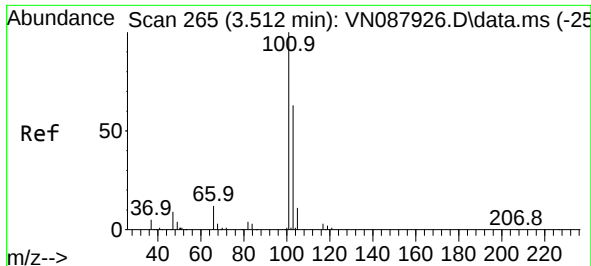
Tgt Ion: 94 Resp: 90218
Ion Ratio Lower Upper
94 100
96 94.0 76.8 115.2



#6
Chloroethane
Concen: 55.598 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 64 Resp: 95351
Ion Ratio Lower Upper
64 100
66 35.0 23.8 35.8

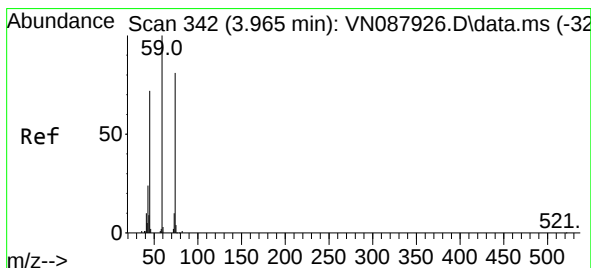
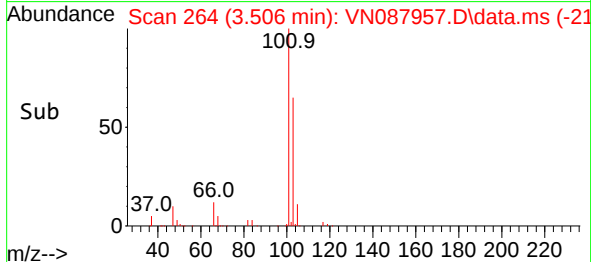
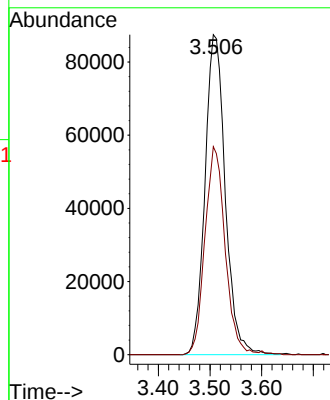
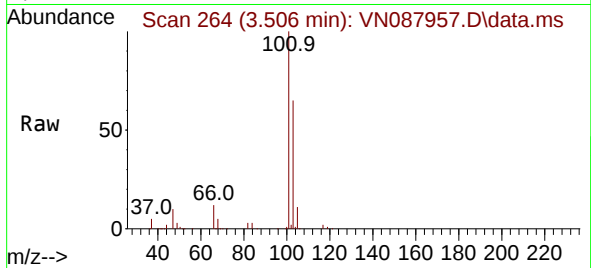




#7
 Trichlorofluoromethane
 Concen: 55.440 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

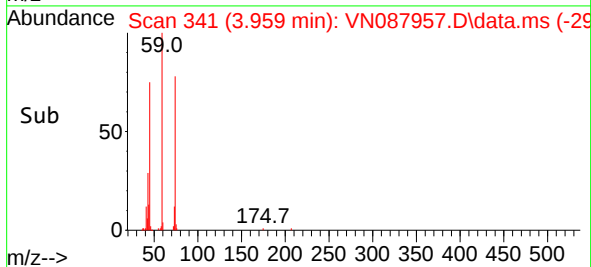
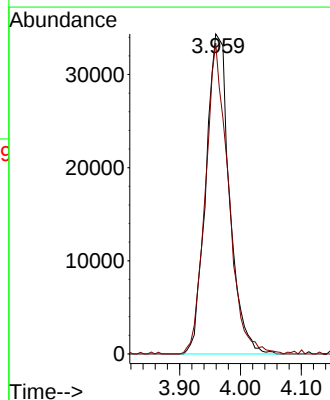
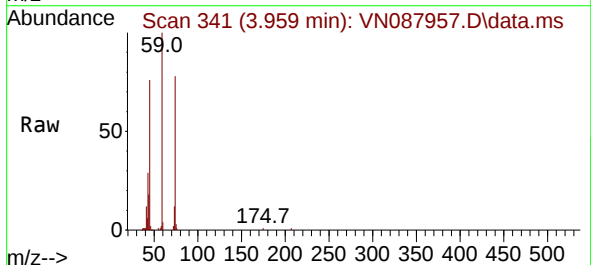
Instrument :
 MSVOA_N
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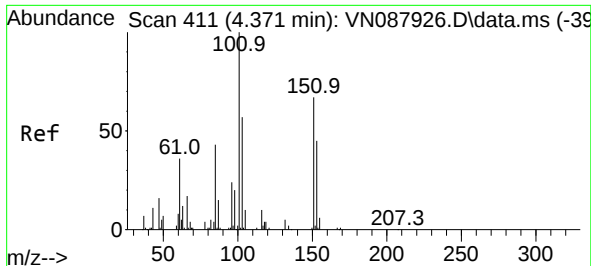
Tgt Ion:101 Resp: 238088
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 57.118 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion: 74 Resp: 92670
 Ion Ratio Lower Upper
 74 100
 45 94.8 45.4 136.1

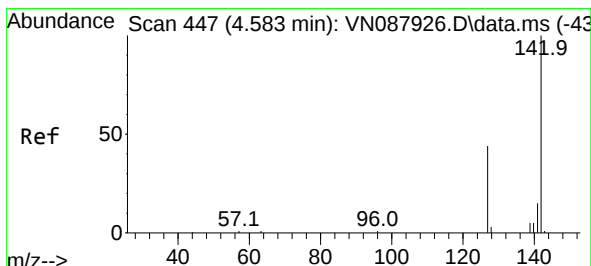
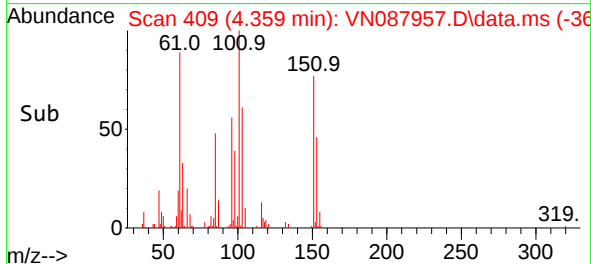
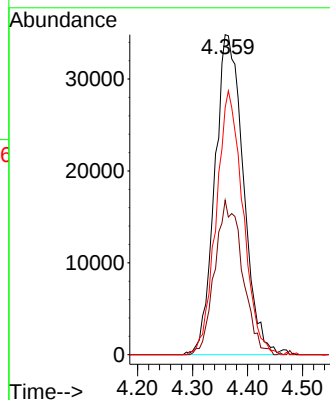
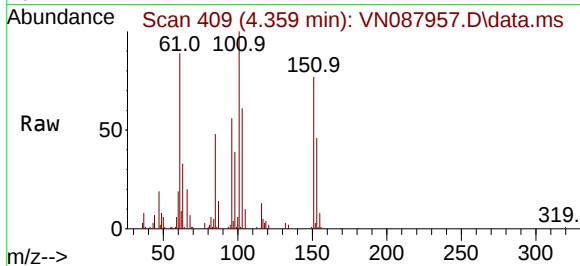




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.173 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

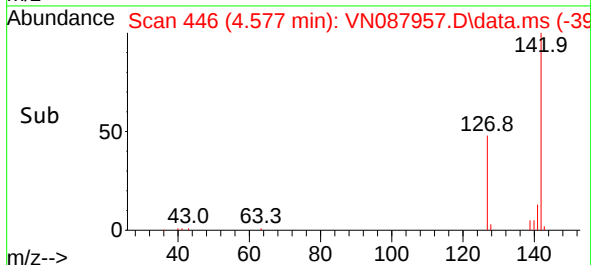
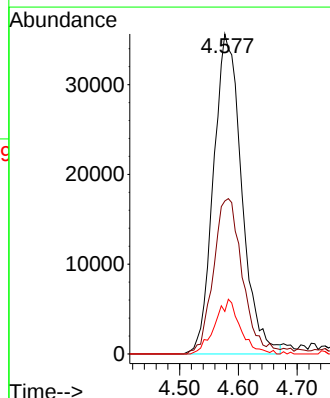
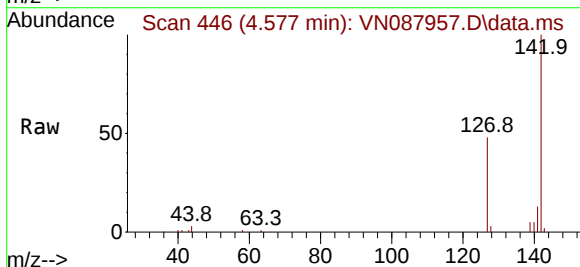
Instrument :
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 ClientSampleId :

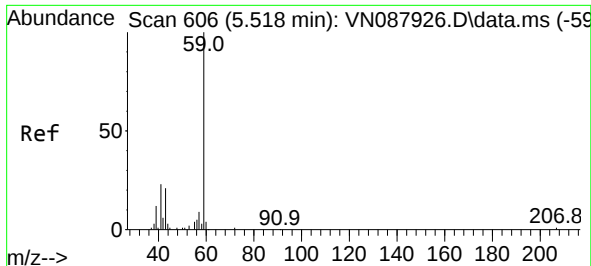
Tgt Ion:101 Resp: 125231
 Ion Ratio Lower Upper
 101 100
 85 47.0 36.5 54.7
 151 77.5 58.6 87.8



#10
 Methyl Iodide
 Concen: 58.096 ug/l
 RT: 4.577 min Scan# 446
 Delta R.T. -0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

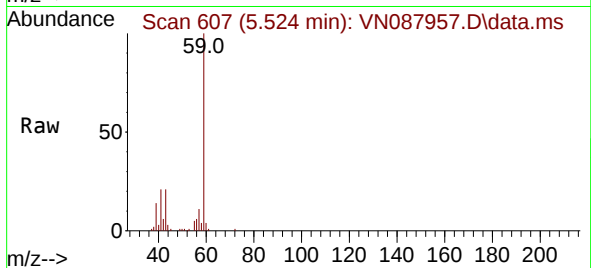
Tgt Ion:142 Resp: 118680
 Ion Ratio Lower Upper
 142 100
 127 47.8 35.3 52.9
 141 13.3 11.8 17.8



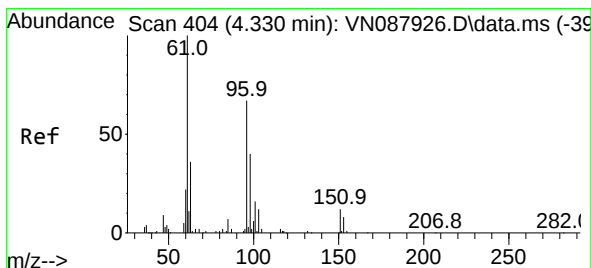
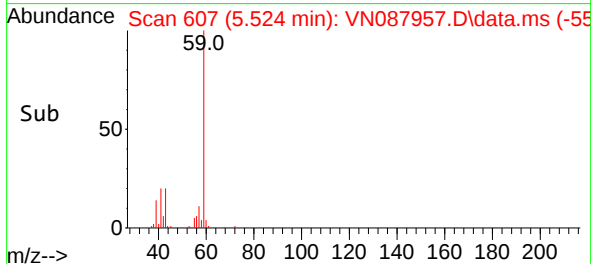
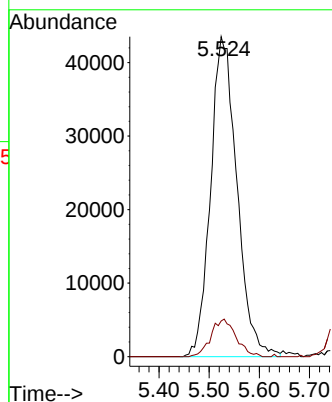


#11
Tert butyl alcohol
Concen: 300.787 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :

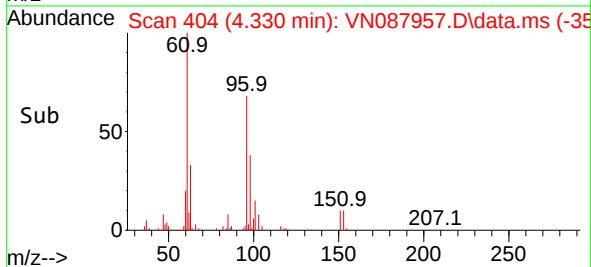
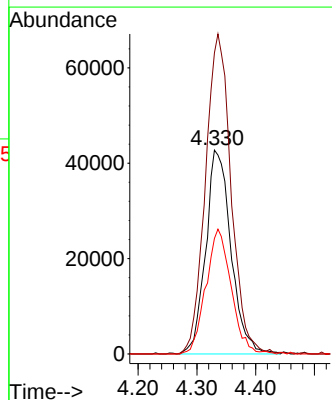
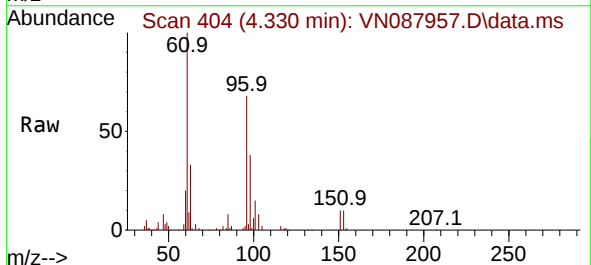


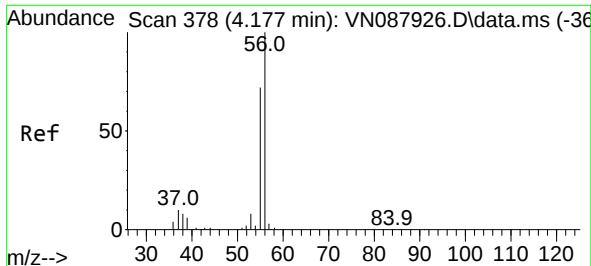
Tgt Ion: 59 Resp: 158968
Ion Ratio Lower Upper
59 100
57 11.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 55.784 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 96 Resp: 127759
Ion Ratio Lower Upper
96 100
61 147.3 119.2 178.8
98 56.7 47.5 71.3





#13

Acrolein

Concen: 249.622 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

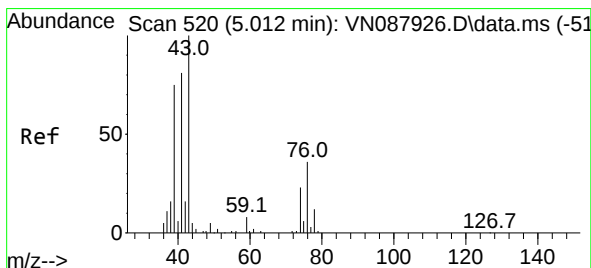
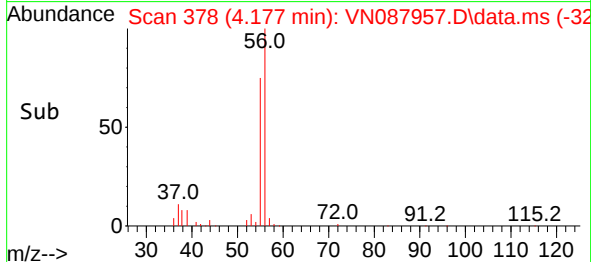
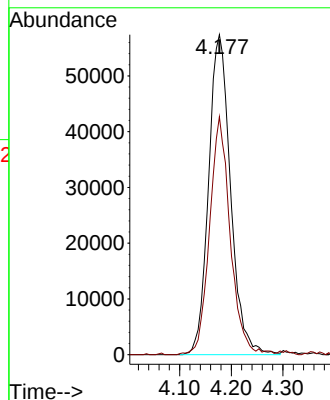
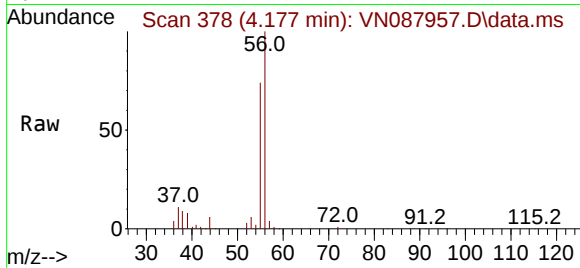
ClientSampleId :

Tgt Ion: 56 Resp: 169276

Ion Ratio Lower Upper

56 100

55 69.9 59.3 88.9



#14

Allyl chloride

Concen: 54.636 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

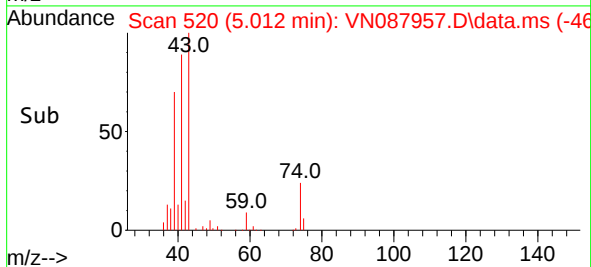
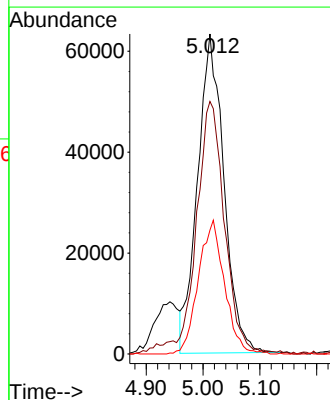
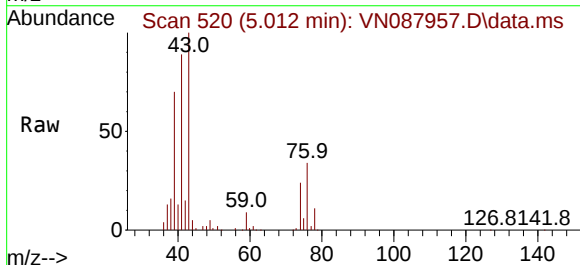
Tgt Ion: 41 Resp: 203713

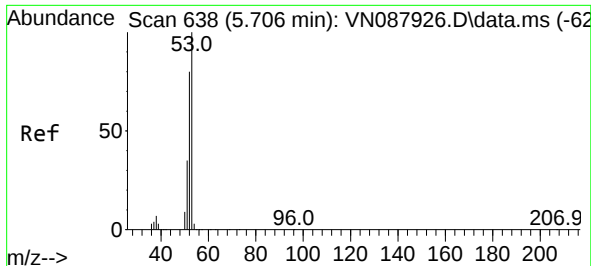
Ion Ratio Lower Upper

41 100

39 85.6 63.8 95.8

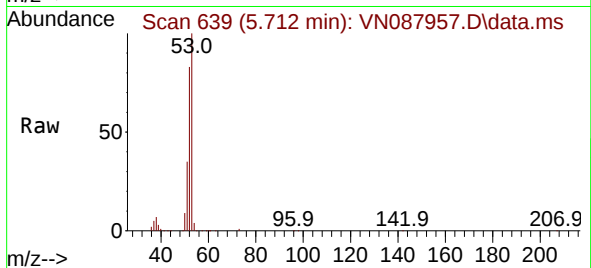
76 41.7 33.0 49.6



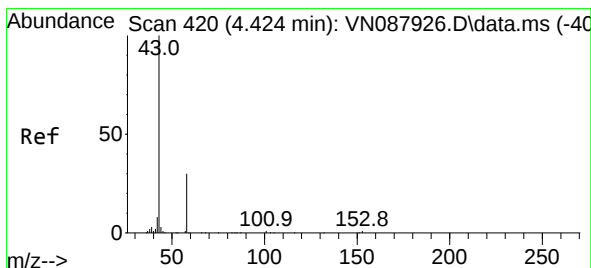
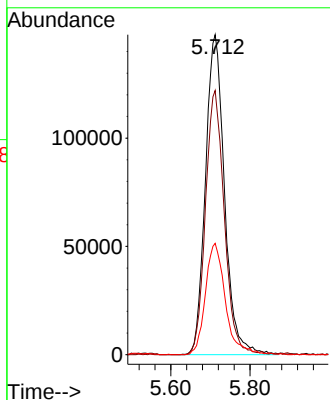
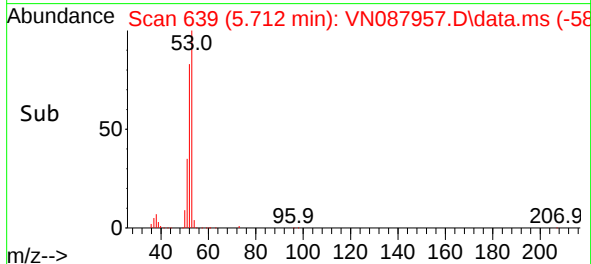


#15
Acrylonitrile
Concen: 298.379 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :

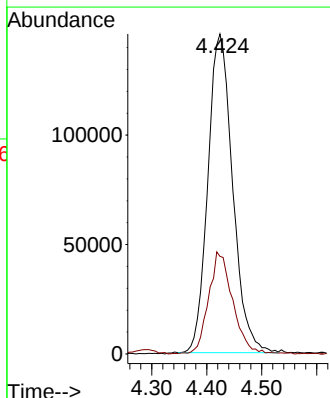
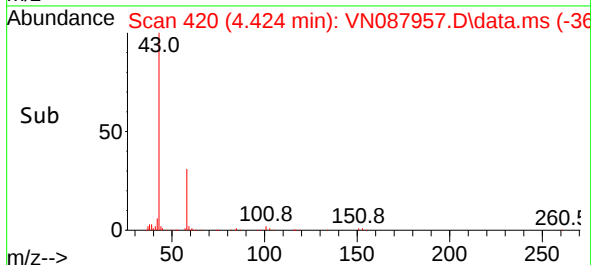
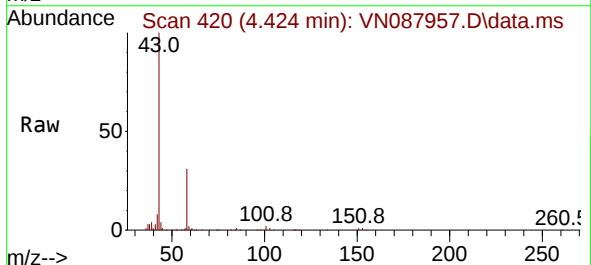


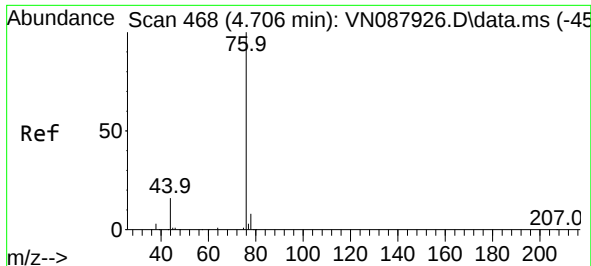
Tgt Ion: 53 Resp: 494652
Ion Ratio Lower Upper
53 100
52 81.2 66.6 99.8
51 36.3 29.0 43.4



#16
Acetone
Concen: 302.553 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

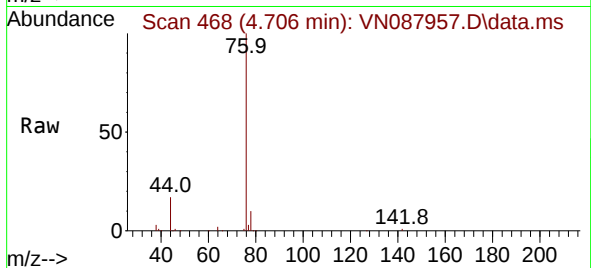
Tgt Ion: 43 Resp: 456769
Ion Ratio Lower Upper
43 100
58 30.5 24.1 36.1



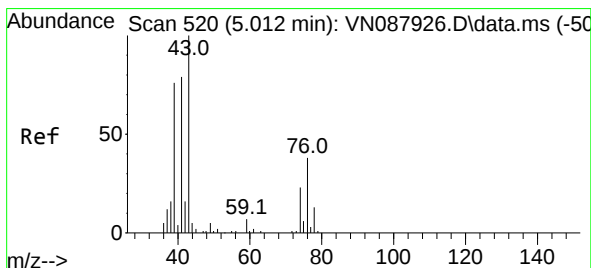
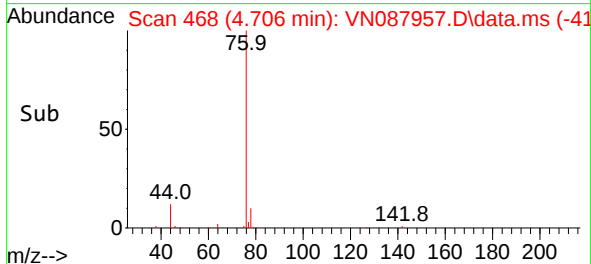
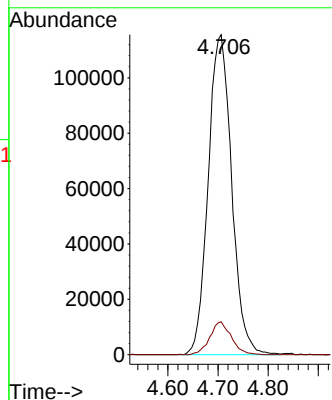


#17
Carbon Disulfide
Concen: 52.524 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :

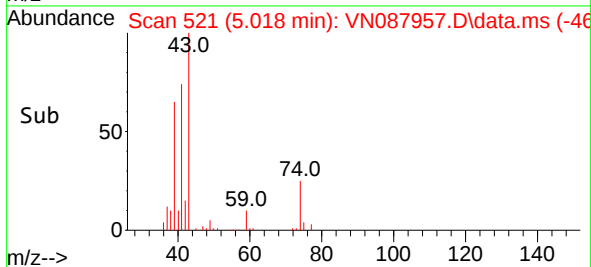
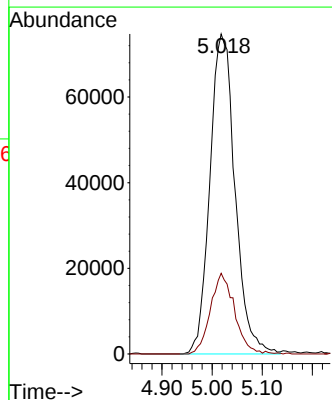
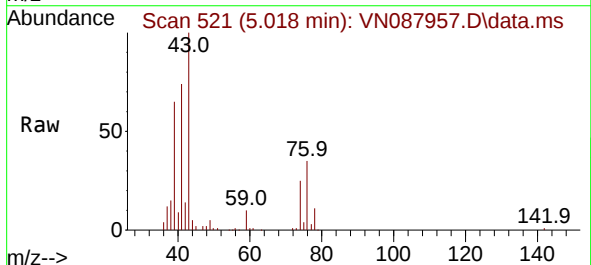


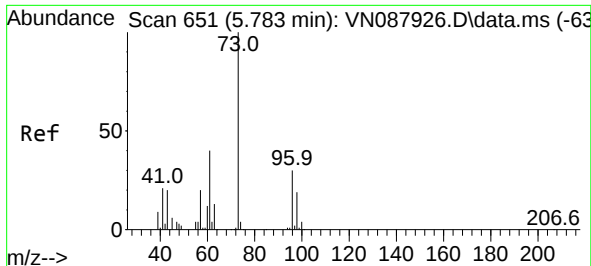
Tgt Ion: 76 Resp: 375847
Ion Ratio Lower Upper
76 100
78 10.3 6.7 10.1#



#18
Methyl Acetate
Concen: 68.853 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 43 Resp: 260144
Ion Ratio Lower Upper
43 100
74 24.0 19.7 29.5

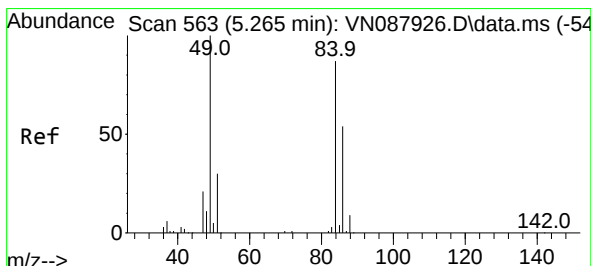
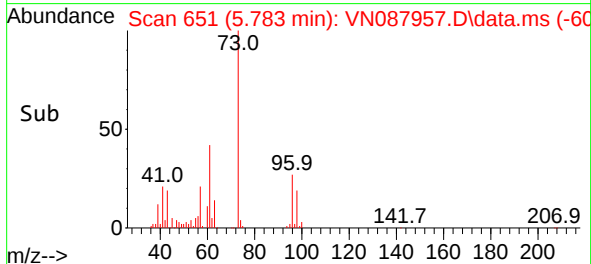
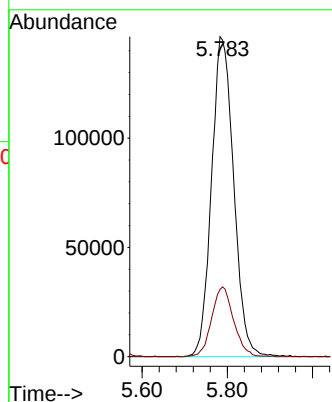
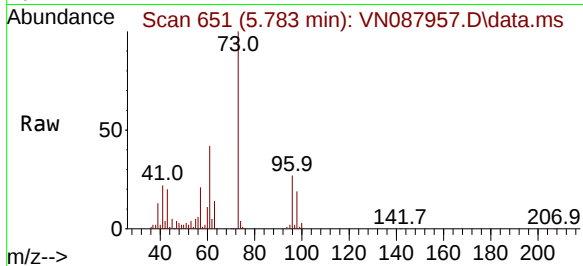




#19
Methyl tert-butyl Ether
Concen: 59.025 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

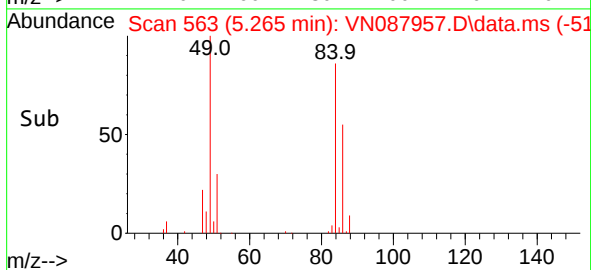
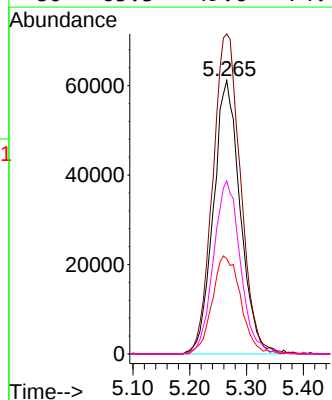
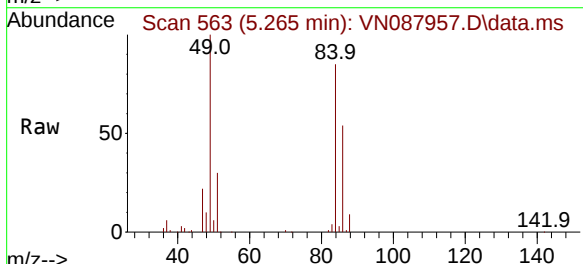
Instrument :
MSVOA_N
ClientSampleId :

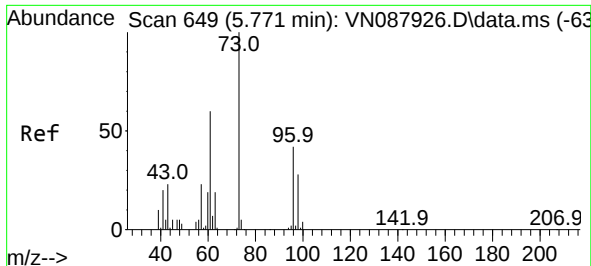
Tgt Ion: 73 Resp: 528075
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5



#20
Methylene Chloride
Concen: 65.417 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

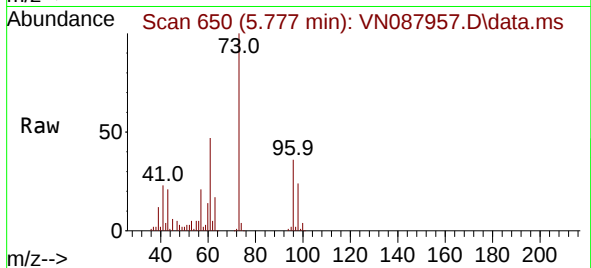
Tgt Ion: 84 Resp: 199904
Ion Ratio Lower Upper
84 100
49 117.0 92.1 138.1
51 34.8 27.7 41.5
86 63.3 49.6 74.4



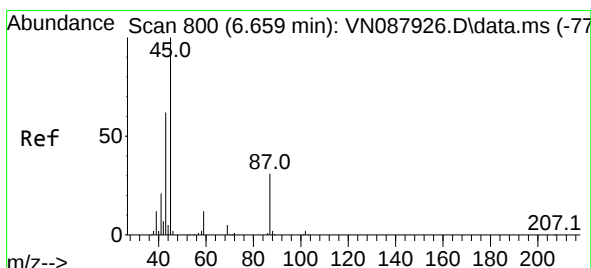
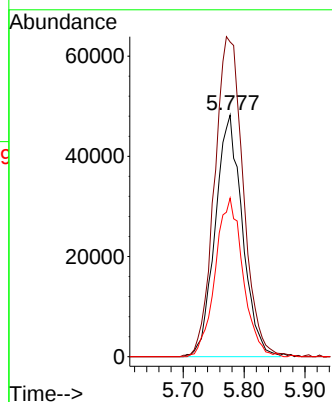
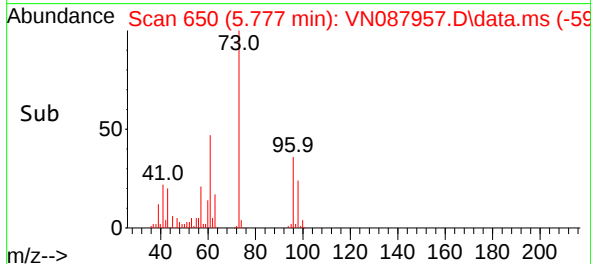


#21
trans-1,2-Dichloroethene
Concen: 53.110 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :

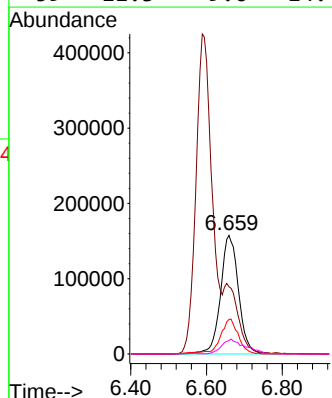
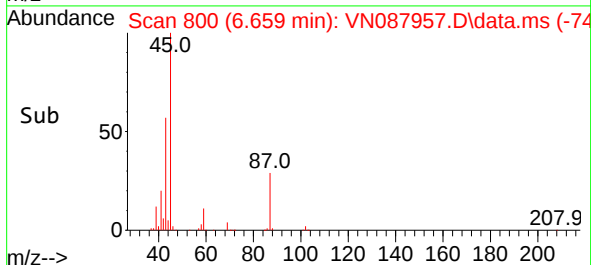
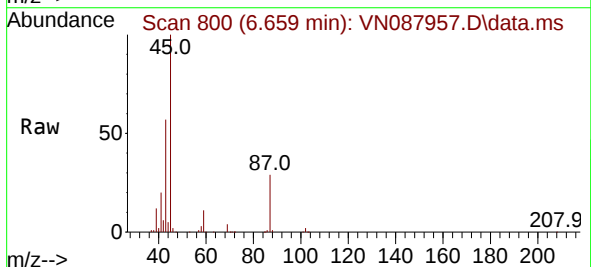


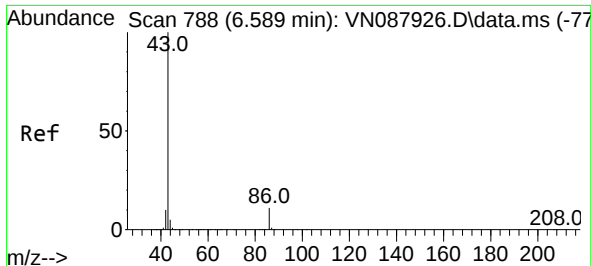
Tgt Ion: 96 Resp: 149114
Ion Ratio Lower Upper
96 100
61 130.2 114.4 171.6
98 65.6 53.6 80.4



#22
Diisopropyl ether
Concen: 59.653 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 45 Resp: 519226
Ion Ratio Lower Upper
45 100
43 56.1 49.9 74.9
87 29.1 25.2 37.8
59 11.3 9.6 14.4

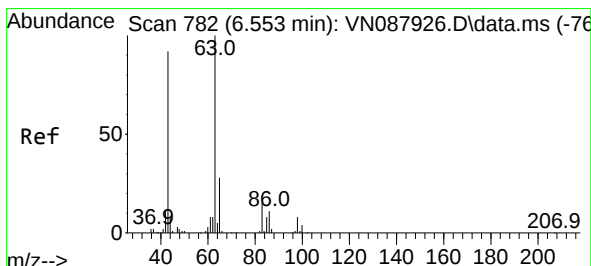
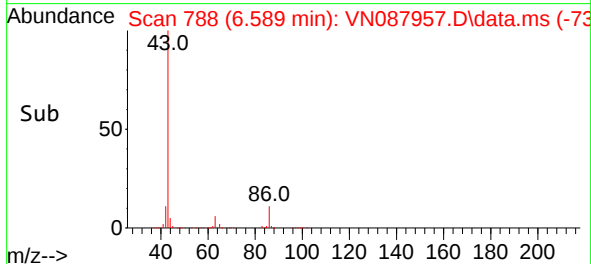
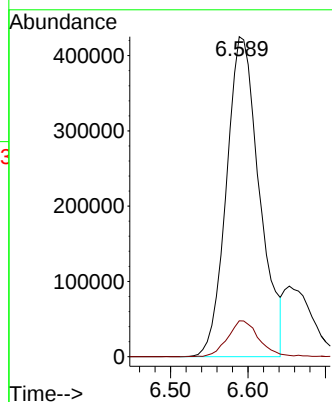
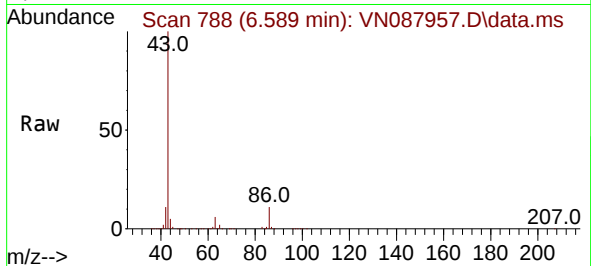




#23
 Vinyl Acetate
 Concen: 171.890 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

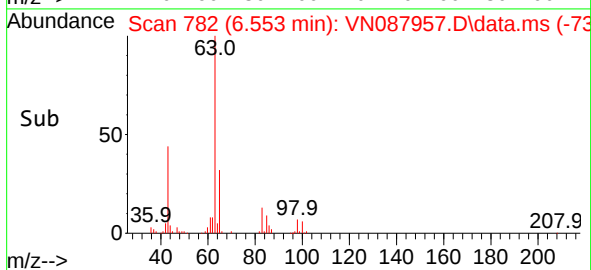
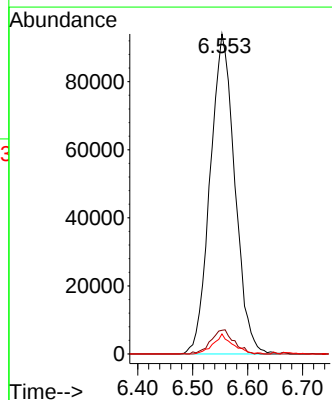
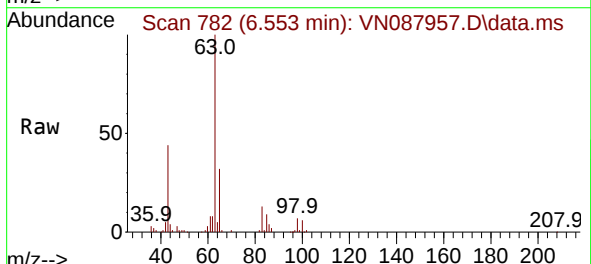
Instrument :
 MSVOA_N
 ClientSampleId :

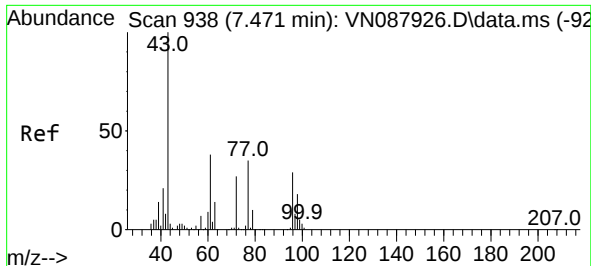
Tgt Ion: 43 Resp: 1259743
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 57.666 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion: 63 Resp: 293244
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 6.3 2.1 6.5

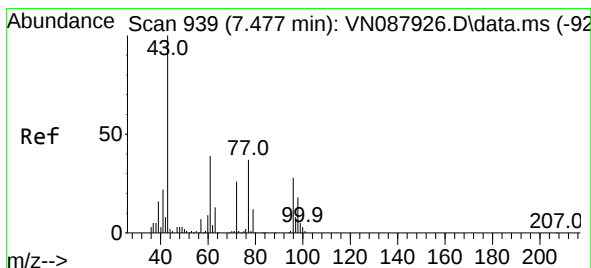
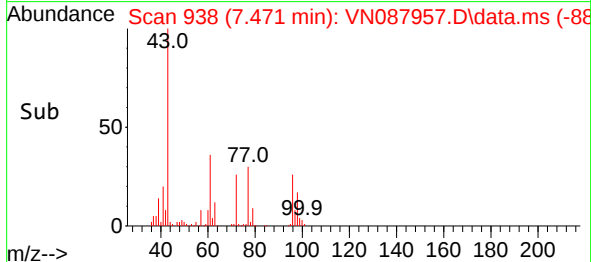
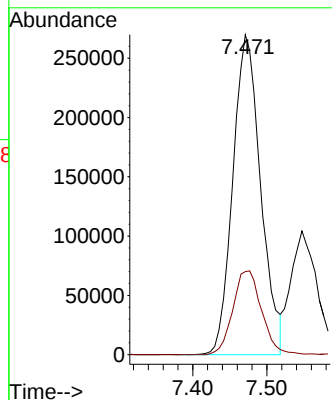
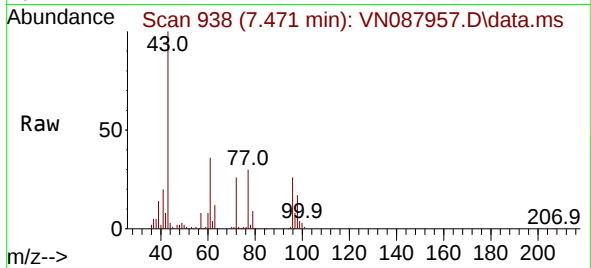




#25
2-Butanone
Concen: 305.073 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

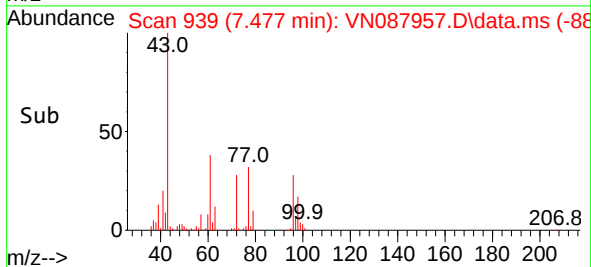
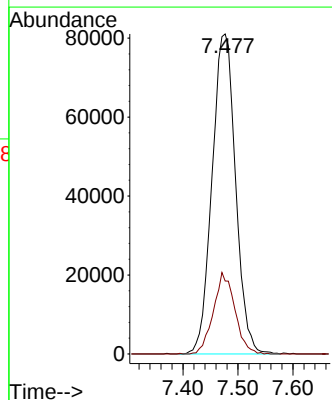
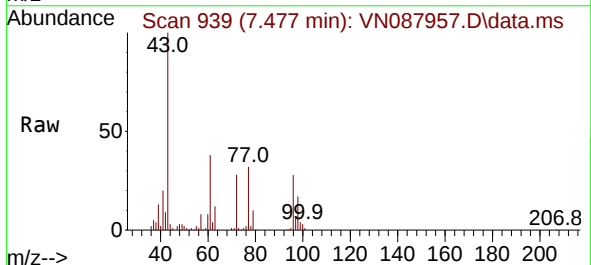
Instrument :
MSVOA_N
ClientSampleId :

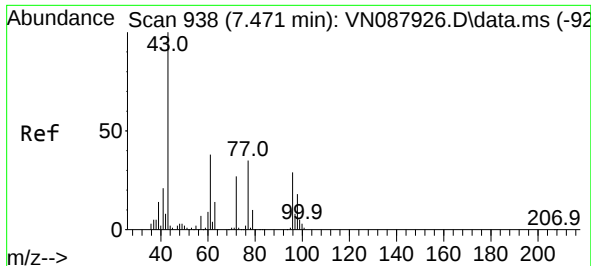
Tgt Ion: 43 Resp: 703968
Ion Ratio Lower Upper
43 100
72 25.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 53.339 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

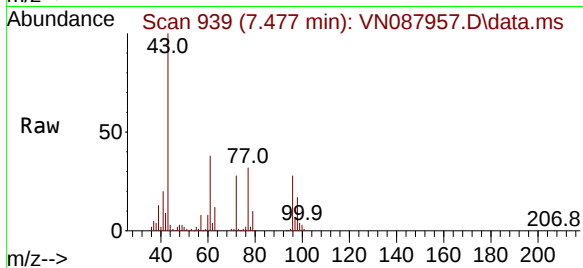
Tgt Ion: 77 Resp: 240989
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5



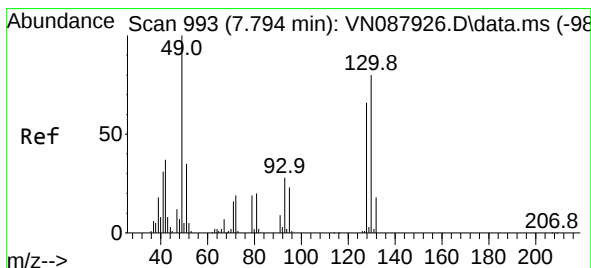
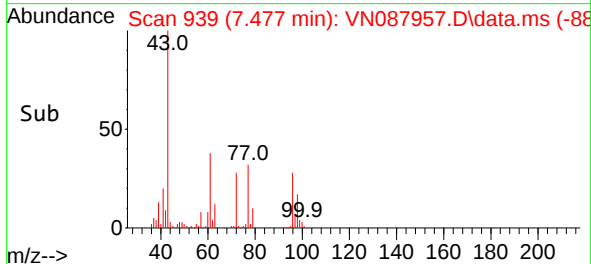
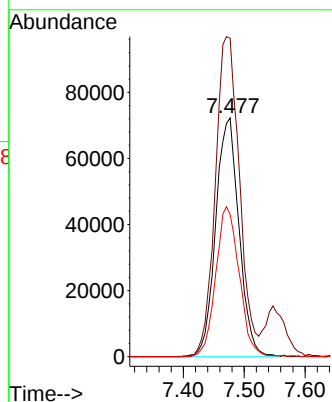


#27
 cis-1,2-Dichloroethene
 Concen: 57.559 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Instrument :
 MSVOA_N
 ClientSampleId :

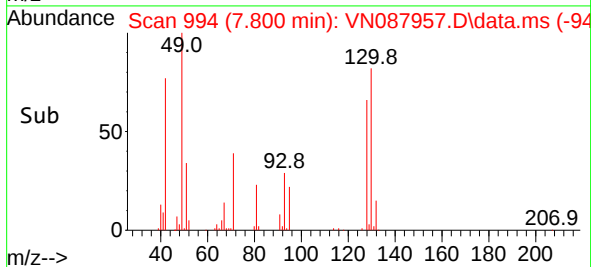
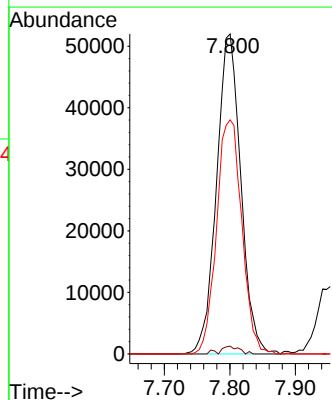
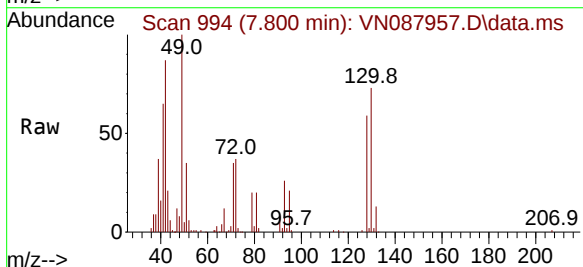


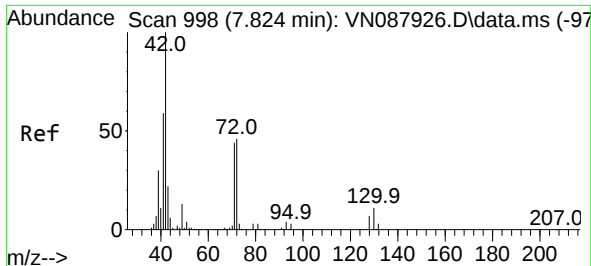
Tgt Ion: 96 Resp: 192285
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 283.0
 98 63.0 0.0 127.6



#28
 Bromochloromethane
 Concen: 48.401 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion: 49 Resp: 133727
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.4
 130 75.9 62.6 94.0





#29

Tetrahydrofuran

Concen: 301.303 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

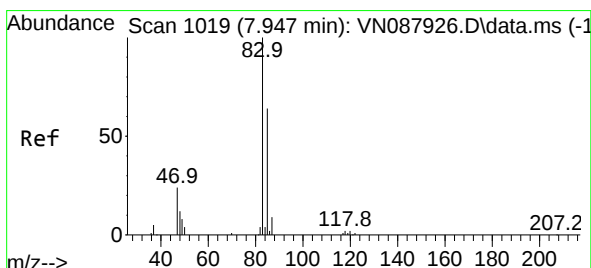
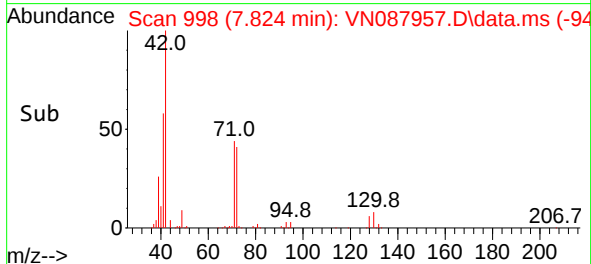
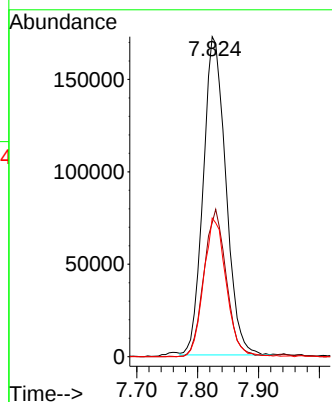
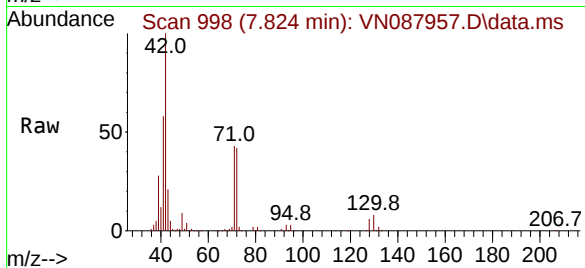
Tgt Ion: 42 Resp: 445191

Ion Ratio Lower Upper

42 100

72 45.9 36.5 54.7

71 43.7 33.8 50.8



#30

Chloroform

Concen: 58.249 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087957.D

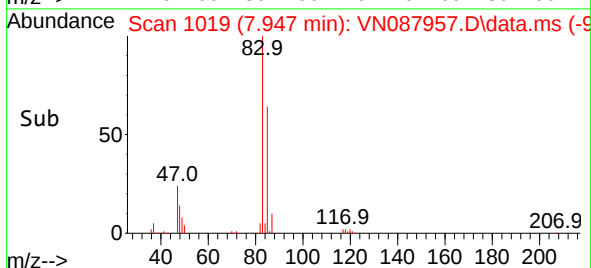
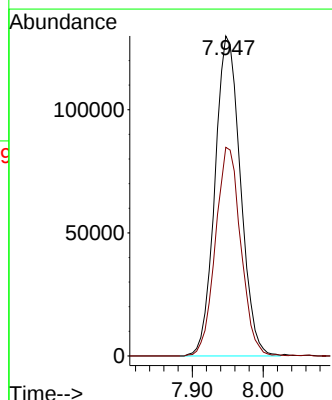
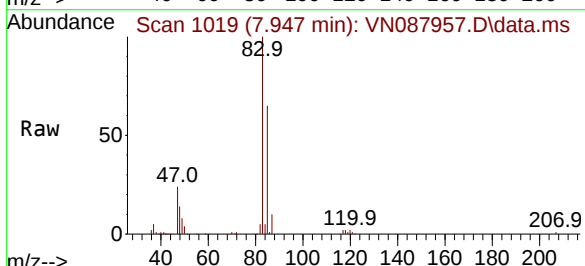
Acq: 25 Sep 2025 16:07

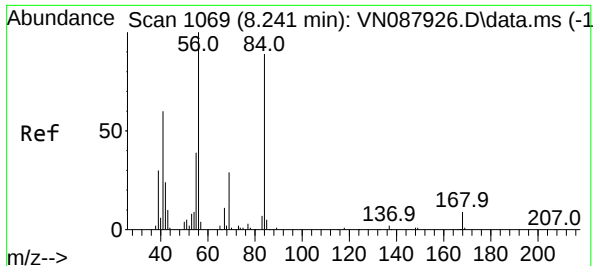
Tgt Ion: 83 Resp: 323877

Ion Ratio Lower Upper

83 100

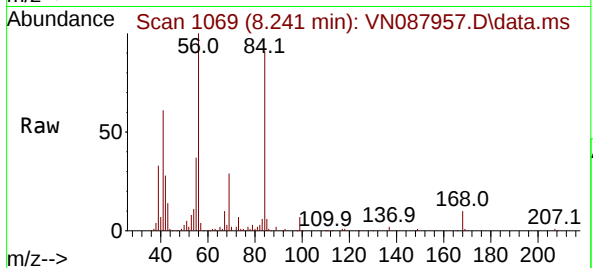
85 65.2 50.9 76.3



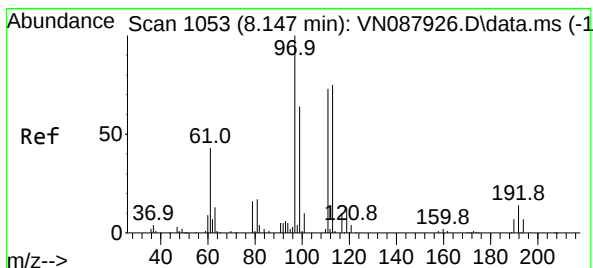
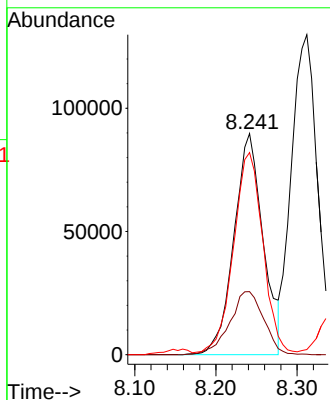
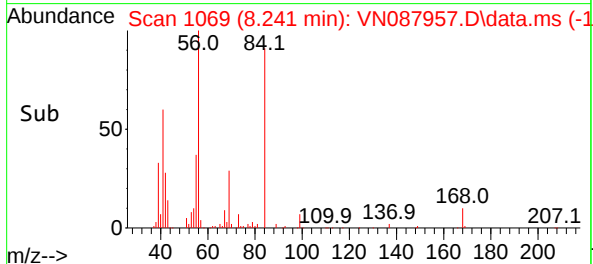


#31
Cyclohexane
Concen: 54.539 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

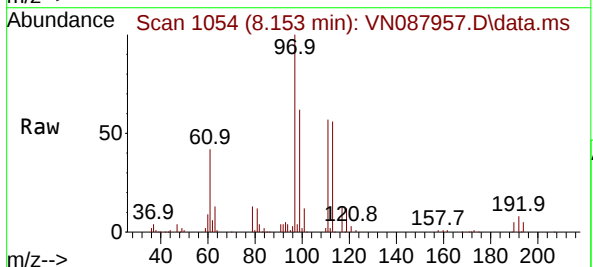
Instrument :
MSVOA_N
ClientSampleId :



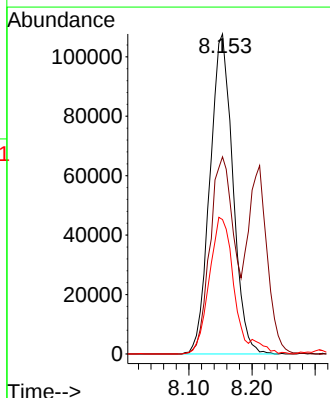
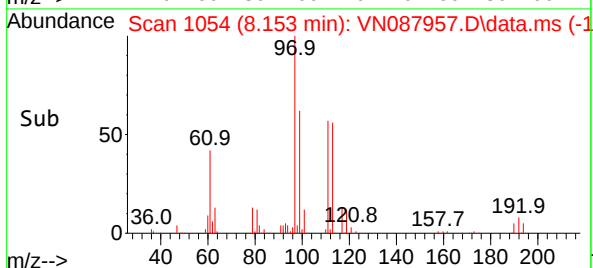
Tgt Ion: 56 Resp: 224406
Ion Ratio Lower Upper
56 100
69 28.5 23.4 35.0
84 89.5 70.8 106.2

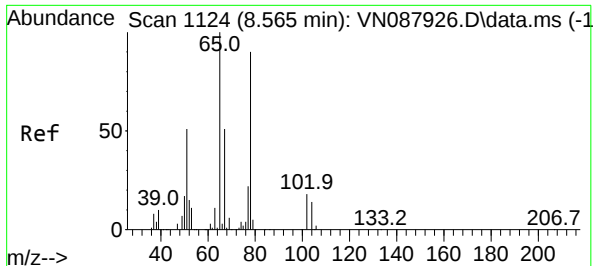


#32
1,1,1-Trichloroethane
Concen: 57.763 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07



Tgt Ion: 97 Resp: 271385
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 44.2 38.6 58.0

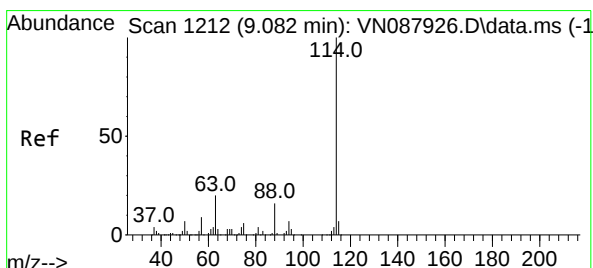
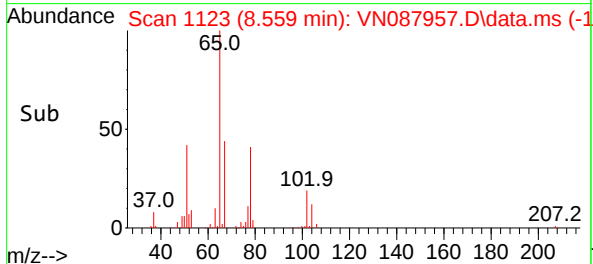
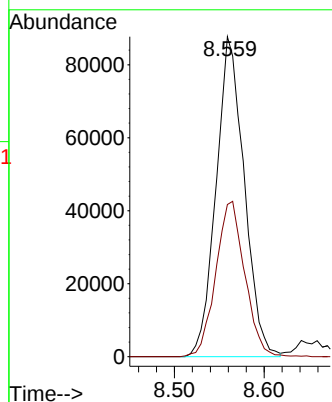
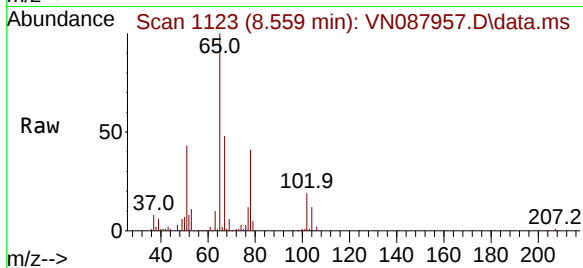




#33
 1,2-Dichloroethane-d4
 Concen: 52.001 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

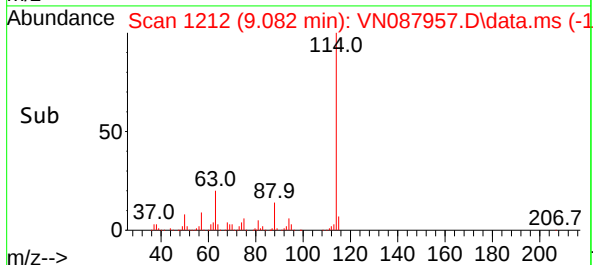
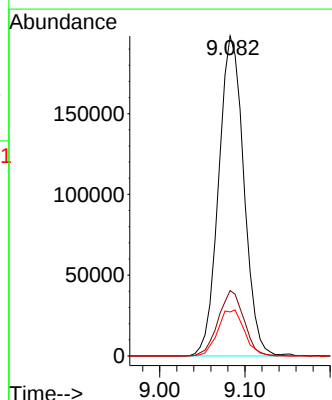
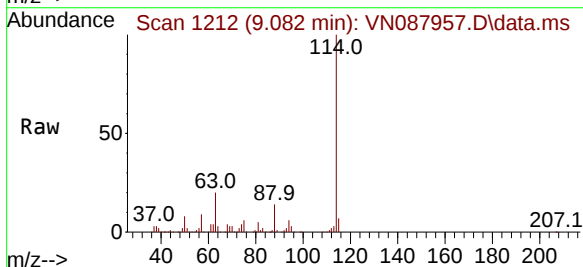
Instrument :
 MSVOA_N
 ClientSampleId :

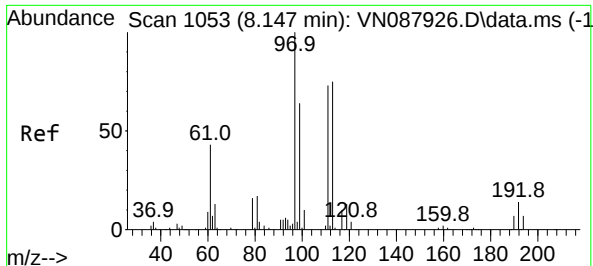
Tgt Ion: 65 Resp: 190808
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion:114 Resp: 405927
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.442 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

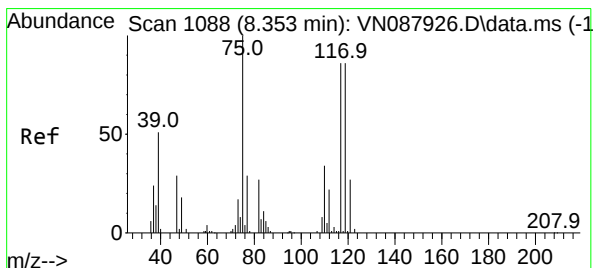
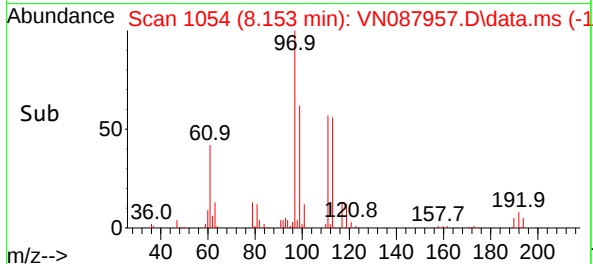
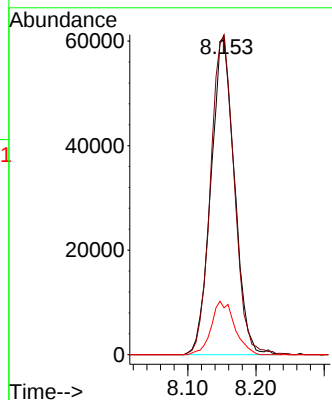
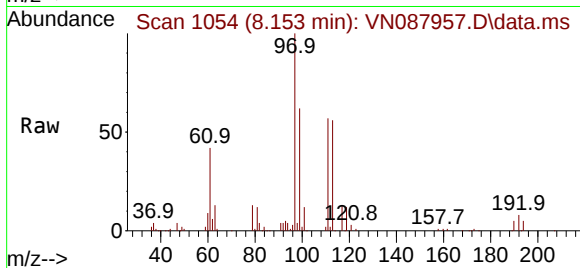
Tgt Ion:113 Resp: 145717

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

192 16.8 14.2 21.2



#36

1,1-Dichloropropene

Concen: 56.185 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

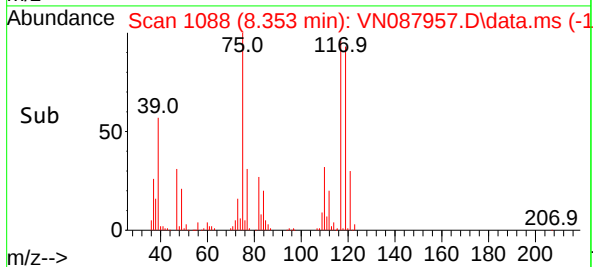
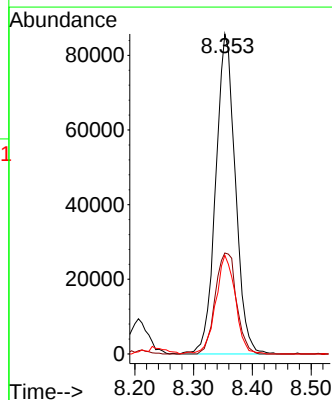
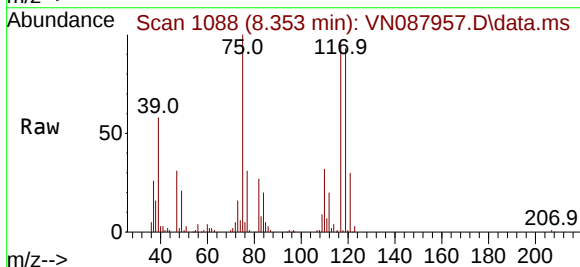
Tgt Ion: 75 Resp: 199115

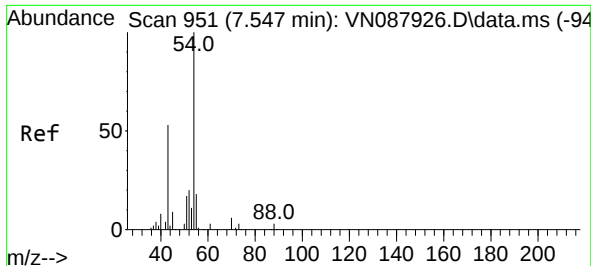
Ion Ratio Lower Upper

75 100

110 34.1 17.1 51.3

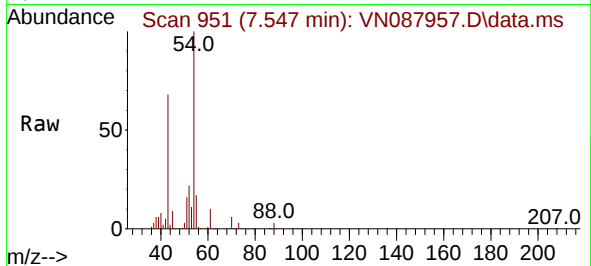
77 30.9 24.8 37.2



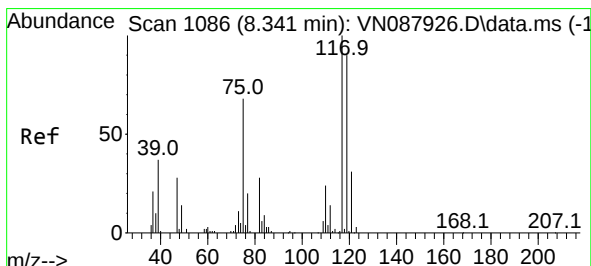
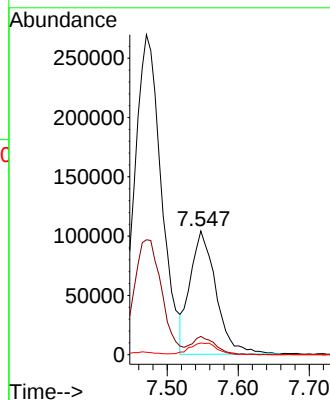
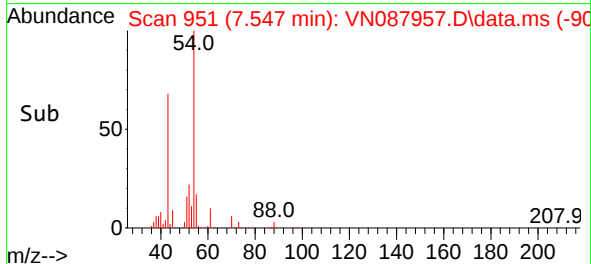


#37
Ethyl Acetate
Concen: 56.828 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

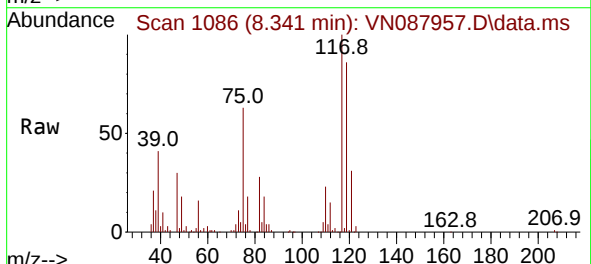
Instrument :
MSVOA_N
ClientSampleId :



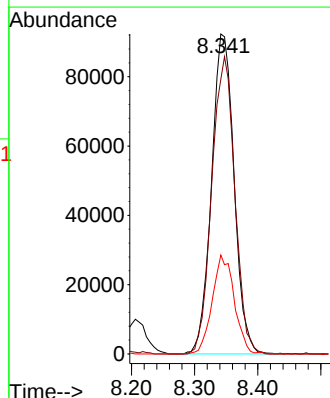
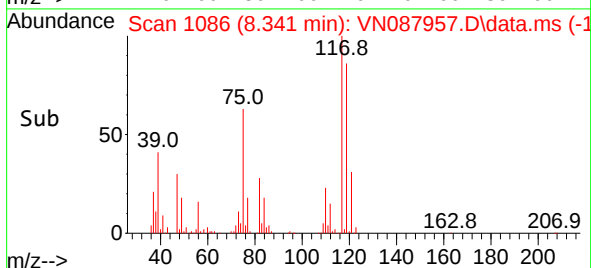
Tgt Ion: 43 Resp: 264460
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 9.6 7.8 11.8

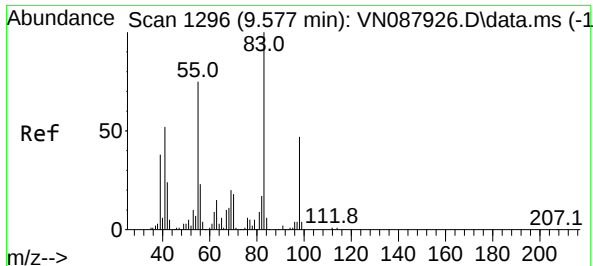


#38
Carbon Tetrachloride
Concen: 56.218 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07



Tgt Ion: 117 Resp: 228618
Ion Ratio Lower Upper
117 100
119 85.9 72.1 108.1
121 30.9 24.6 36.8





#39

Methylcyclohexane

Concen: 57.012 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

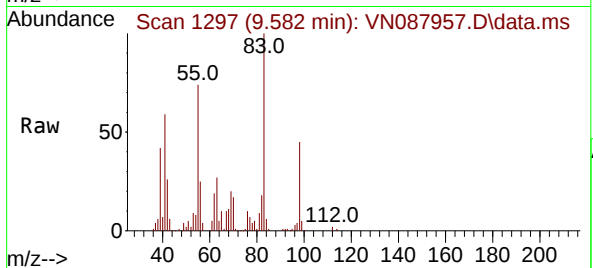
Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :



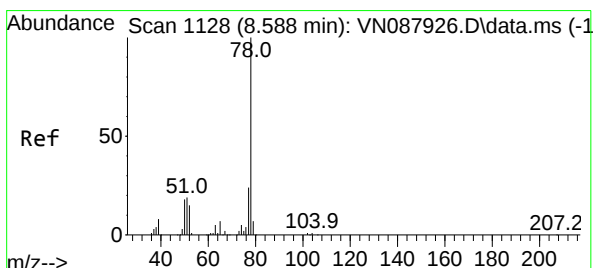
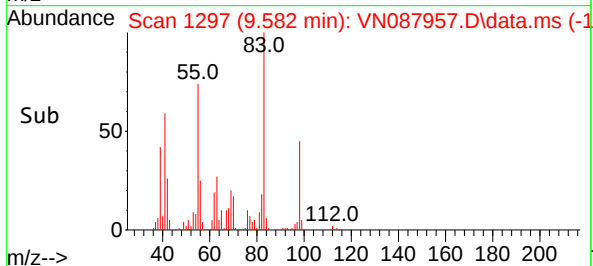
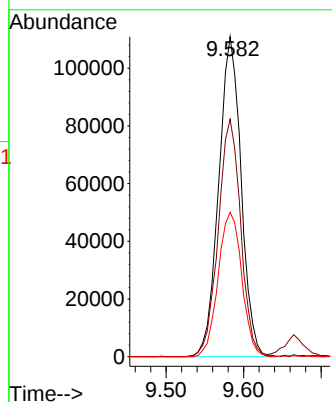
Tgt Ion: 83 Resp: 222889

Ion Ratio Lower Upper

83 100

55 74.2 59.9 89.9

98 45.1 37.4 56.2



#40

Benzene

Concen: 56.692 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087957.D

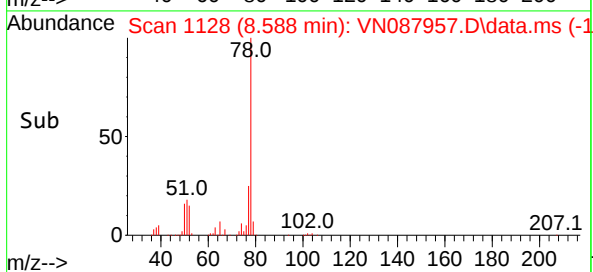
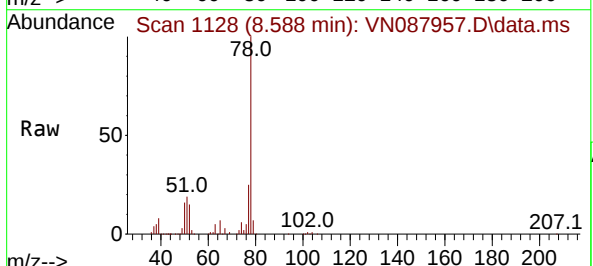
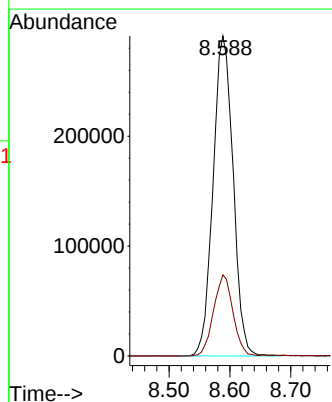
Acq: 25 Sep 2025 16:07

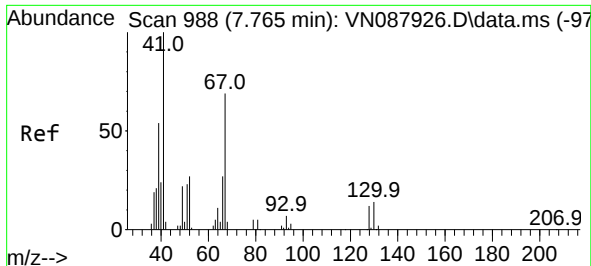
Tgt Ion: 78 Resp: 665226

Ion Ratio Lower Upper

78 100

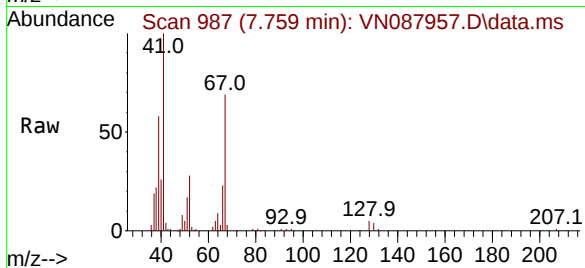
77 25.3 19.0 28.6



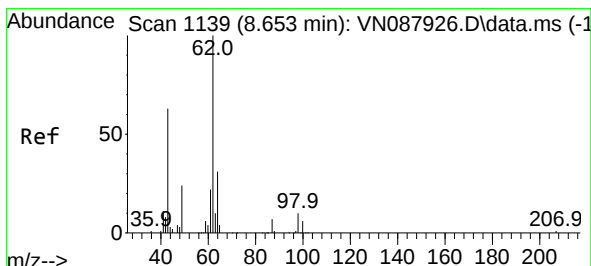
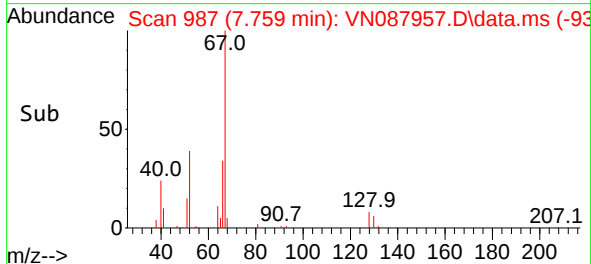
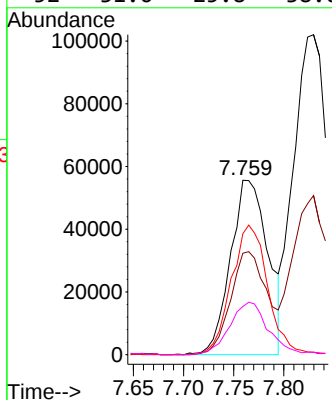


#41
Methacrylonitrile
Concen: 60.205 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :

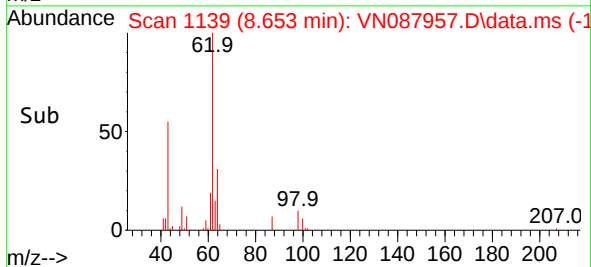
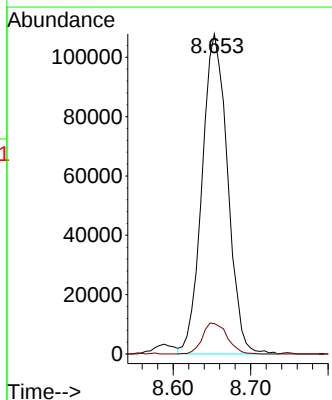
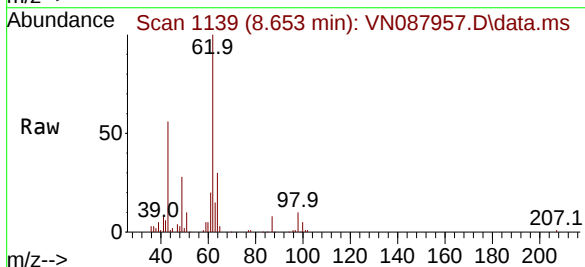


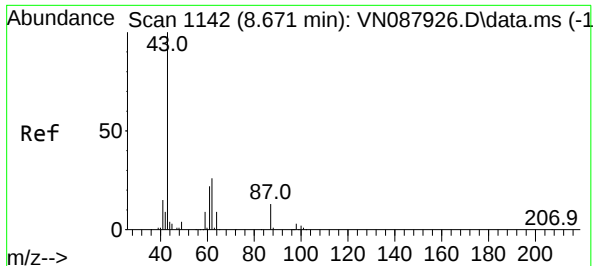
Tgt Ion:	41	Resp:	144793
Ion Ratio	Lower	Upper	
41	100		
39	58.0	43.5	65.3
67	72.3	57.6	86.4
52	31.6	25.8	38.6



#42
1,2-Dichloroethane
Concen: 56.411 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion:	62	Resp:	247018
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 59.359 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

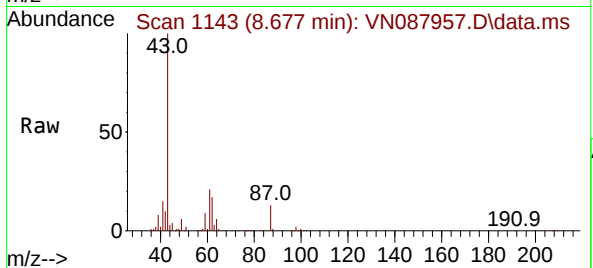
Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :



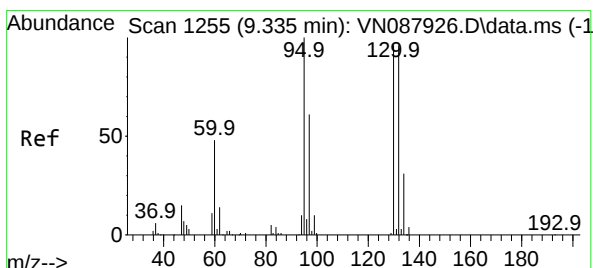
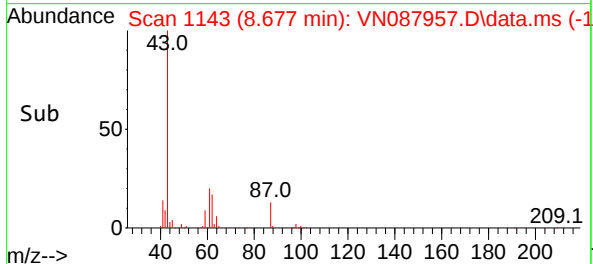
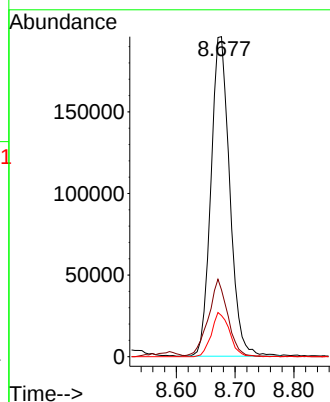
Tgt Ion: 43 Resp: 434820

Ion Ratio Lower Upper

43 100

61 24.9 20.2 30.2

87 13.4 10.9 16.3



#44

Trichloroethene

Concen: 54.745 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087957.D

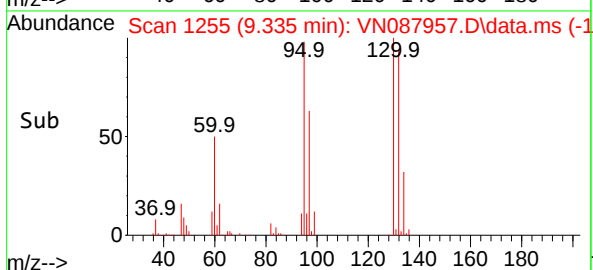
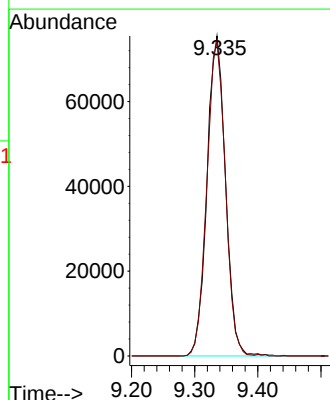
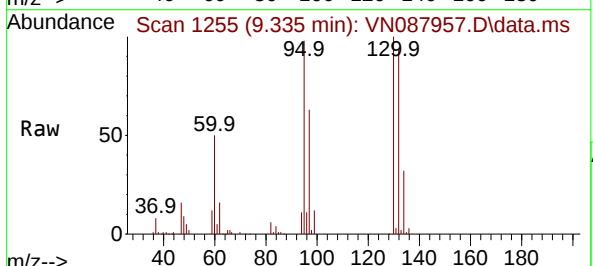
Acq: 25 Sep 2025 16:07

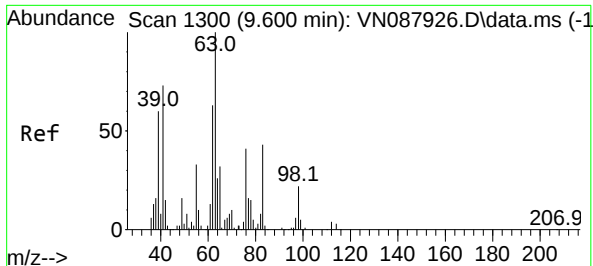
Tgt Ion:130 Resp: 153443

Ion Ratio Lower Upper

130 100

95 98.1 0.0 208.0





#45

1,2-Dichloropropane

Concen: 57.141 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

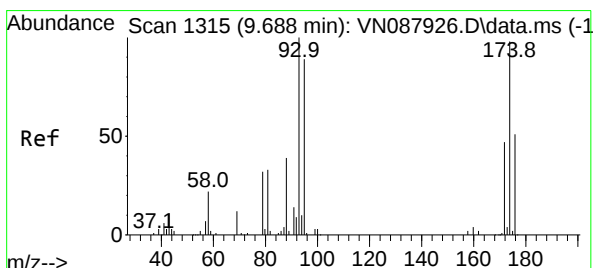
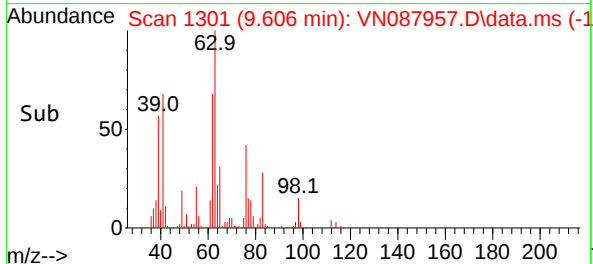
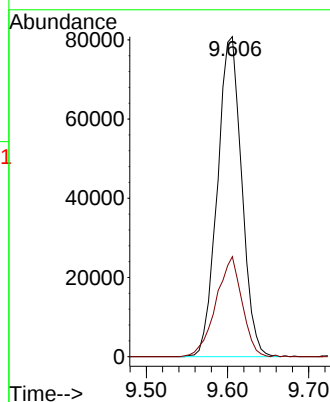
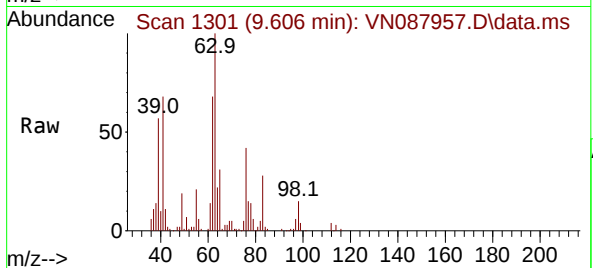
ClientSampleId :

Tgt Ion: 63 Resp: 168128

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



#46

Dibromomethane

Concen: 58.181 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

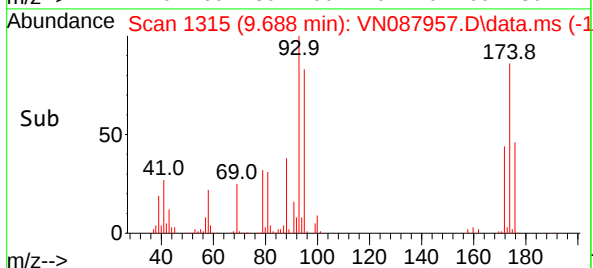
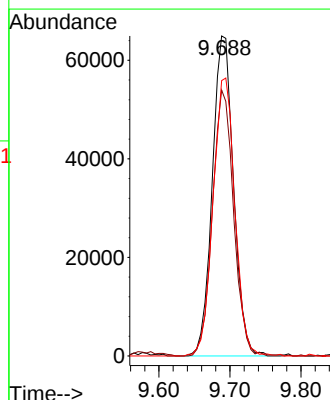
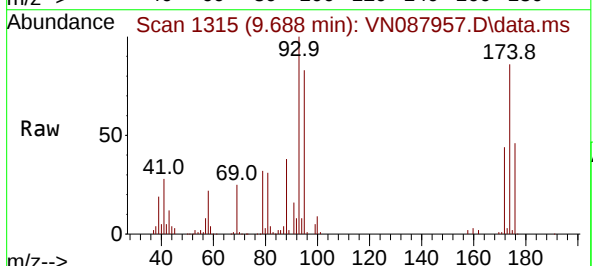
Tgt Ion: 93 Resp: 135081

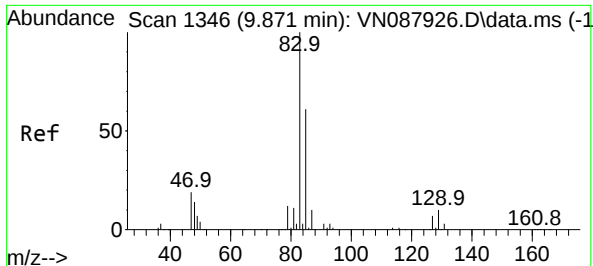
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 88.8 75.4 113.0





#47

Bromodichloromethane

Concen: 57.672 ug/l

RT: 9.871 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

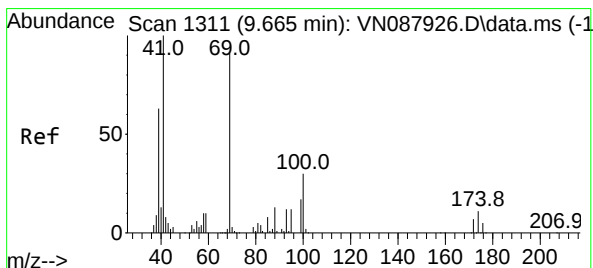
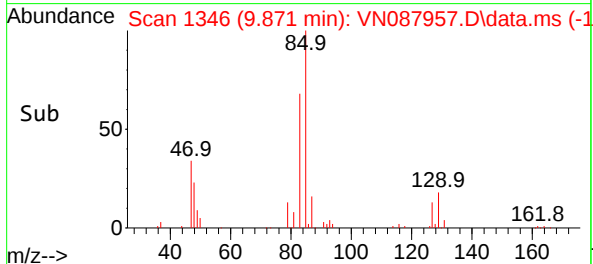
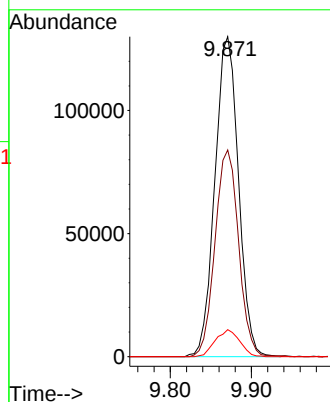
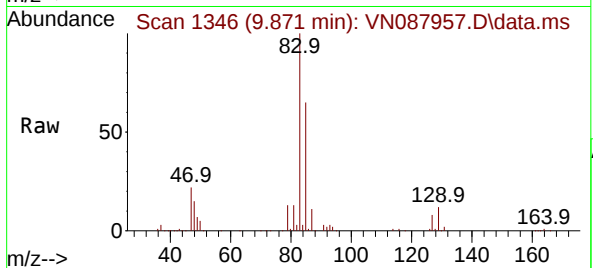
Tgt Ion: 83 Resp: 262624

Ion Ratio Lower Upper

83 100

85 64.6 49.1 73.7

127 8.5 5.9 8.9



#48

Methyl methacrylate

Concen: 58.550 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

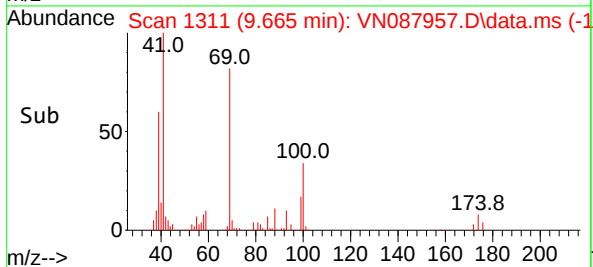
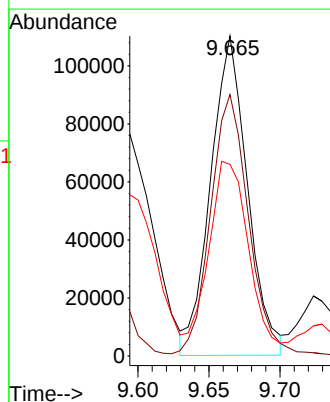
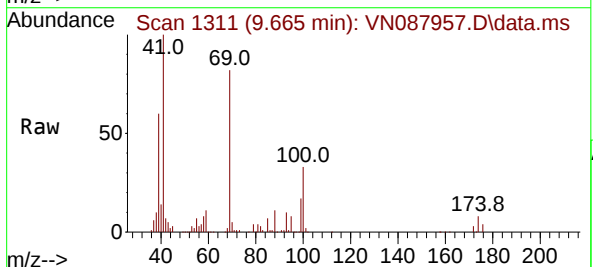
Tgt Ion: 41 Resp: 198617

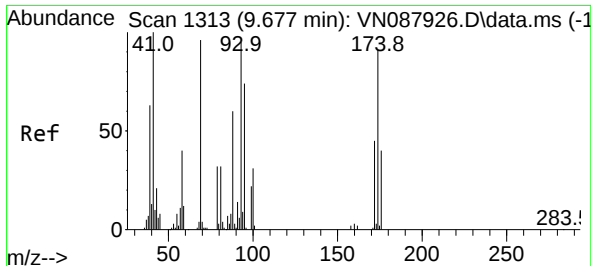
Ion Ratio Lower Upper

41 100

69 84.4 70.9 106.3

39 66.8 52.9 79.3





#49

1,4-Dioxane

Concen: 1245.312 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

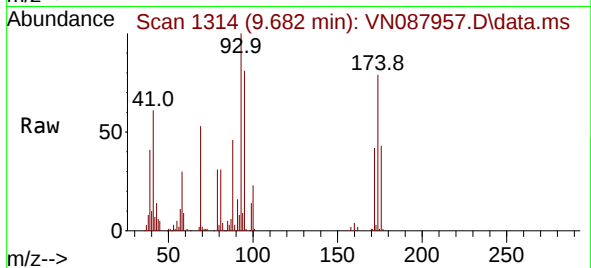
Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :



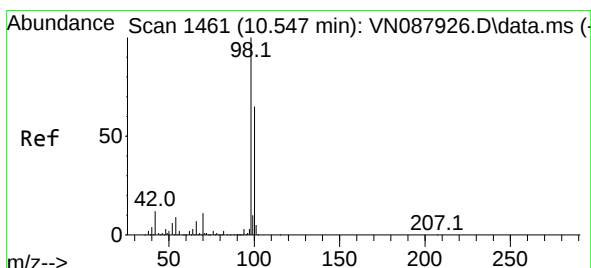
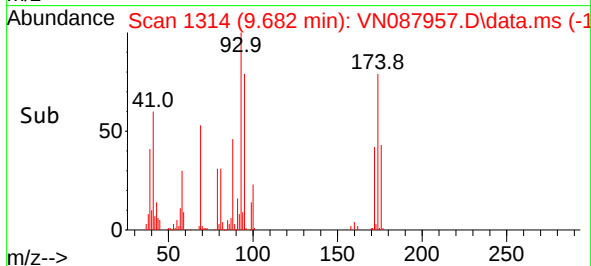
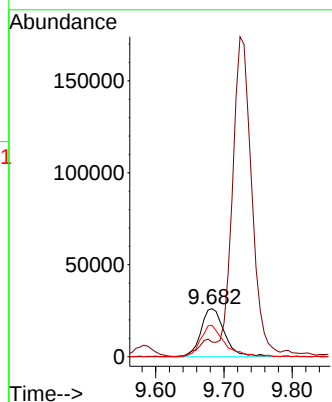
Tgt Ion: 88 Resp: 62408

Ion Ratio Lower Upper

88 100

43 27.0 22.6 33.8

58 65.7 57.4 86.2



#50

Toluene-d8

Concen: 50.025 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087957.D

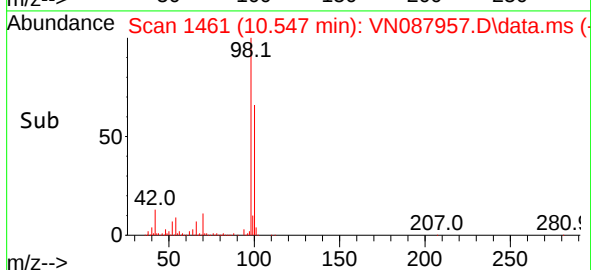
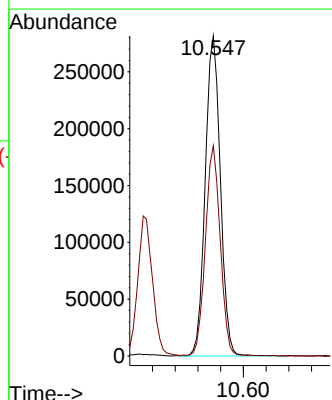
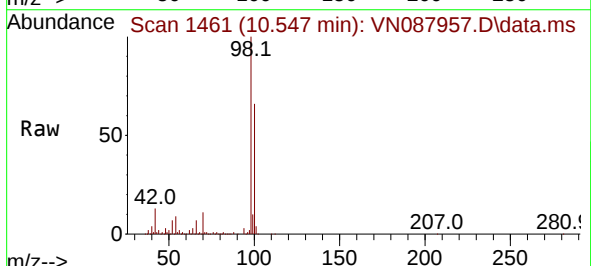
Acq: 25 Sep 2025 16:07

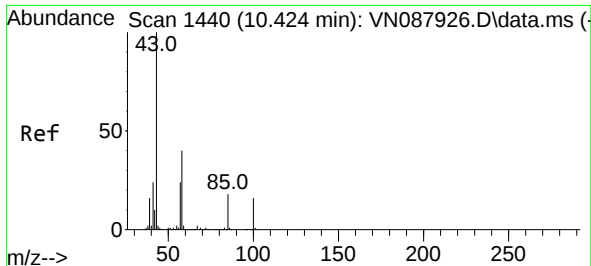
Tgt Ion: 98 Resp: 518478

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

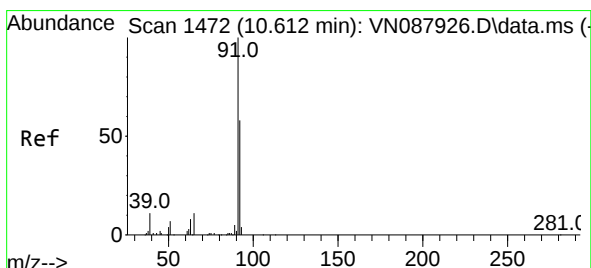
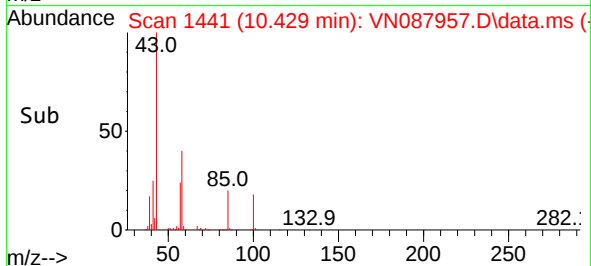
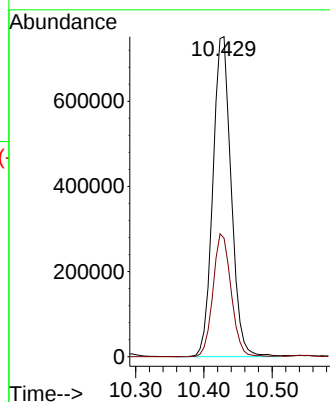
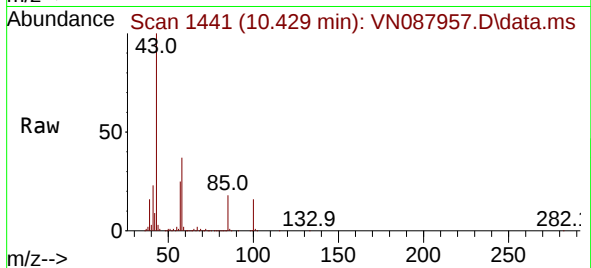




#51
4-Methyl-2-Pentanone
Concen: 307.046 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

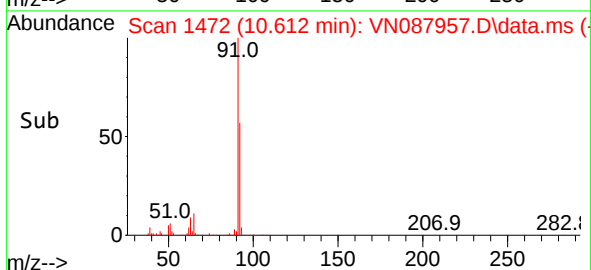
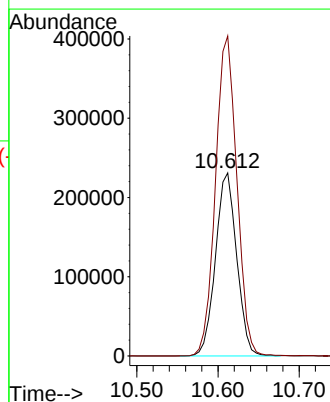
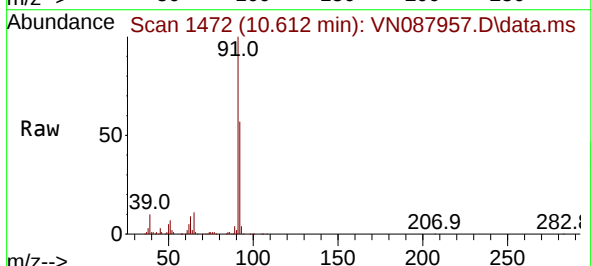
Instrument :
MSVOA_N
ClientSampleId :

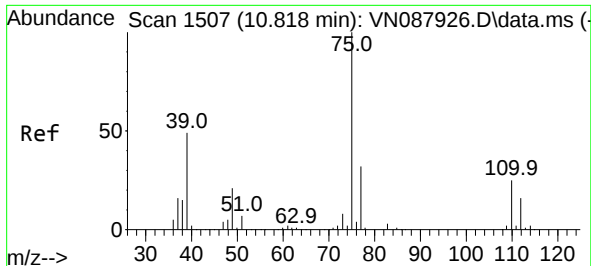
Tgt Ion: 43 Resp: 1403493
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.6



#52
Toluene
Concen: 56.968 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 92 Resp: 419478
Ion Ratio Lower Upper
92 100
91 176.3 138.2 207.2

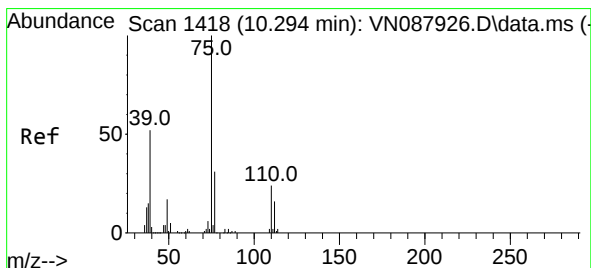
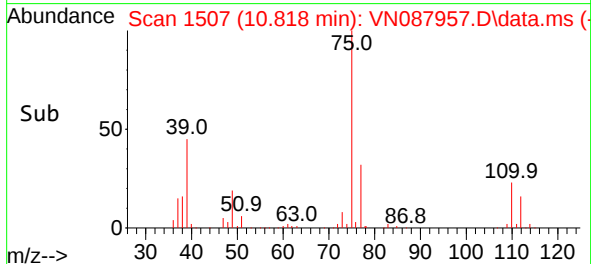
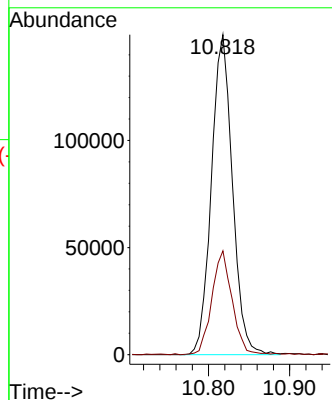
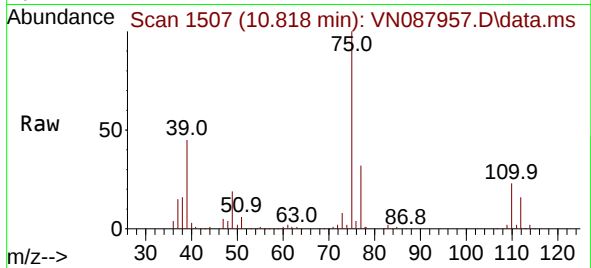




#53
t-1,3-Dichloropropene
Concen: 57.744 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

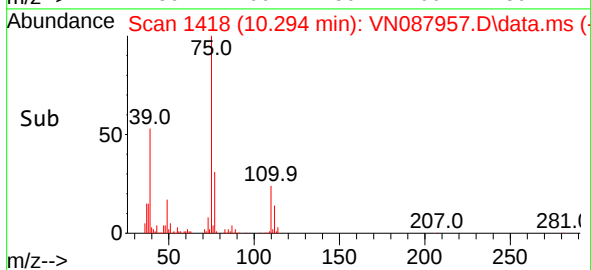
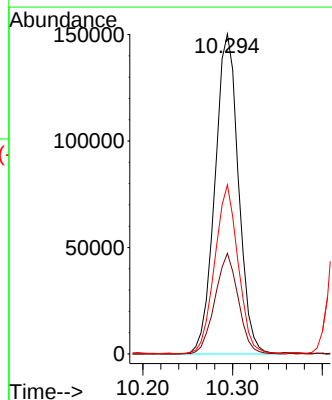
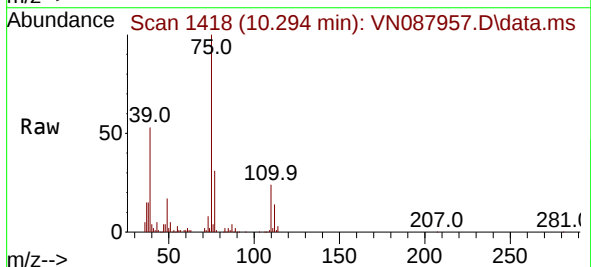
Instrument :
MSVOA_N
ClientSampleId :

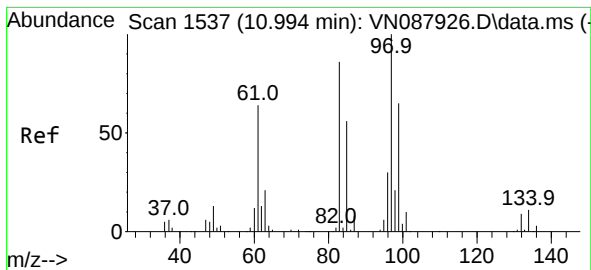
Tgt Ion: 75 Resp: 269120
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.574 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 75 Resp: 273850
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 52.8 41.4 62.0

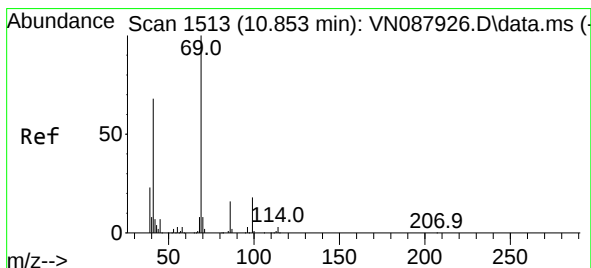
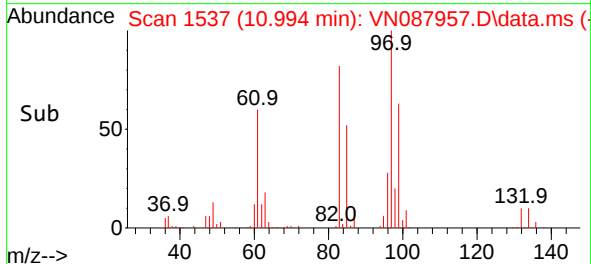
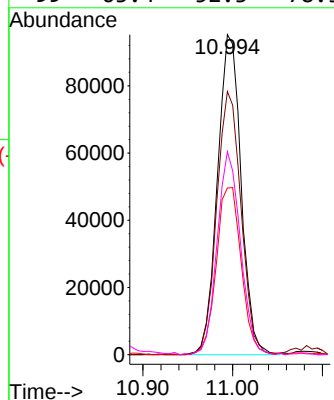
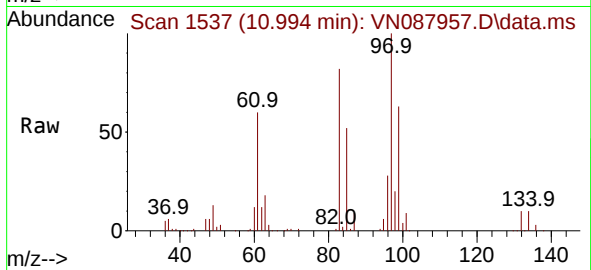




#55
 1,1,2-Trichloroethane
 Concen: 58.135 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

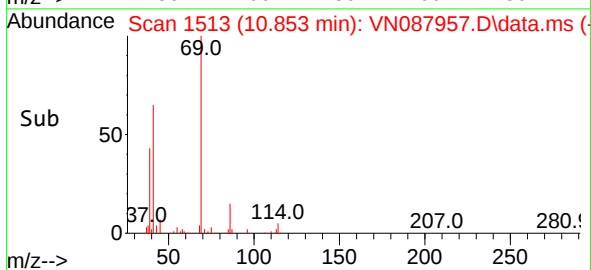
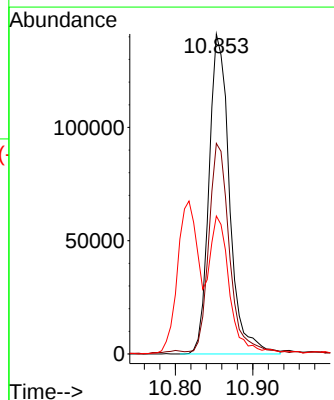
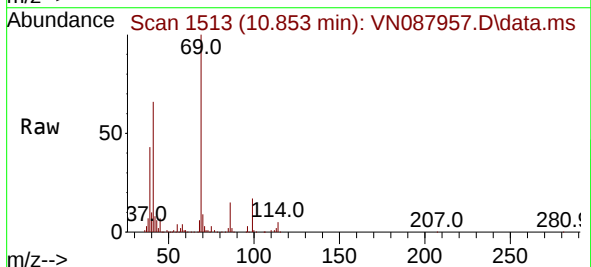
Instrument :
 MSVOA_N
 ClientSampleId :

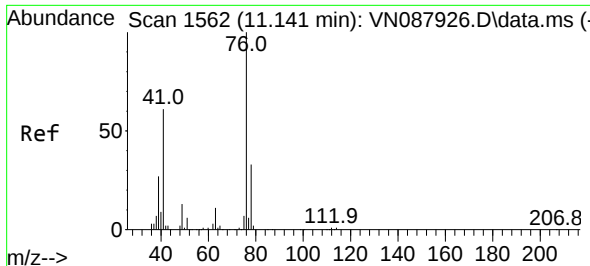
Tgt Ion: 97	Resp: 174056
Ion Ratio	Lower Upper
97 100	
83 82.2	69.0 103.4
85 52.1	44.4 66.6
99 63.4	52.3 78.5



#56
 Ethyl methacrylate
 Concen: 60.081 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion: 69	Resp: 259922
Ion Ratio	Lower Upper
69 100	
41 65.9	53.8 80.6
39 41.4	34.7 52.1





#57

1,3-Dichloropropane

Concen: 58.744 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

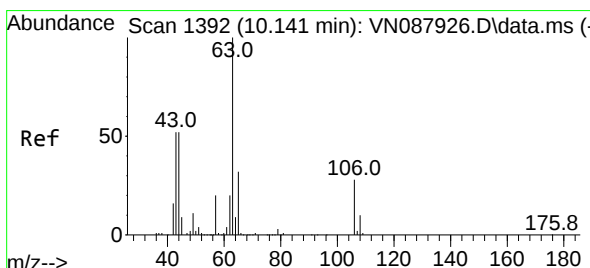
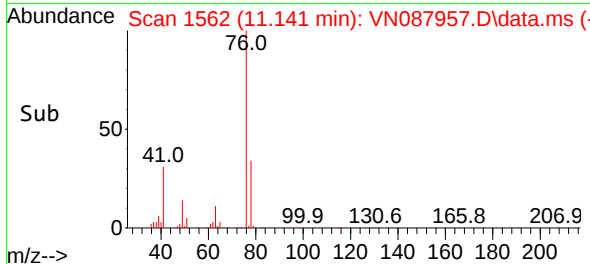
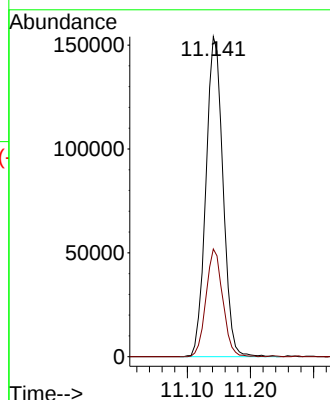
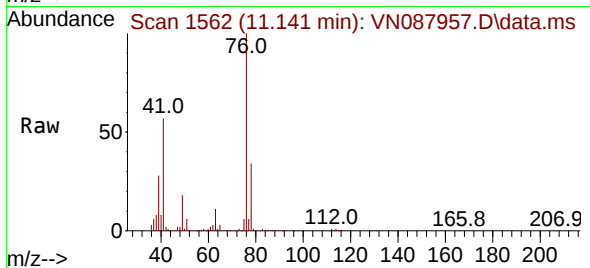
ClientSampleId :

Tgt Ion: 76 Resp: 289283

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 304.423 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087957.D

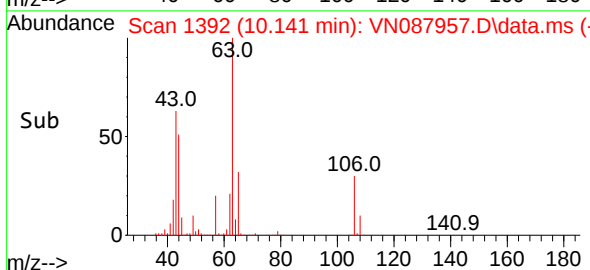
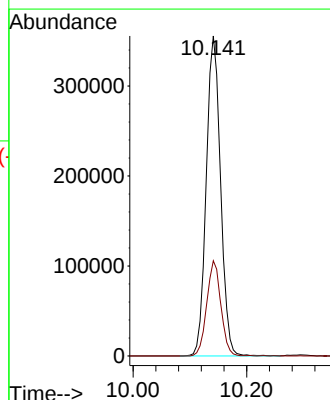
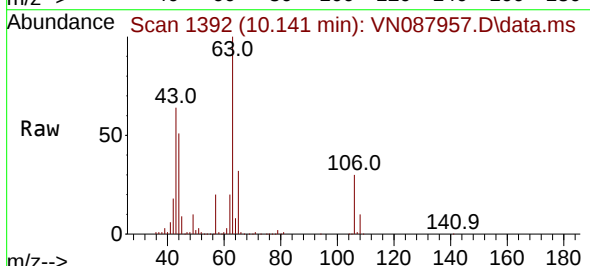
Acq: 25 Sep 2025 16:07

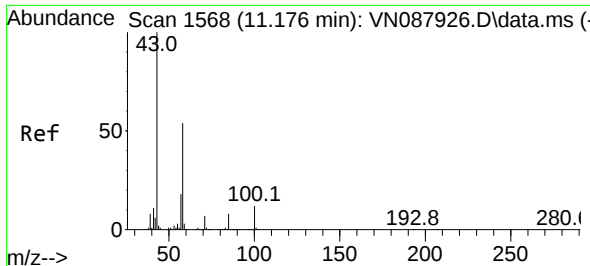
Tgt Ion: 63 Resp: 619221

Ion Ratio Lower Upper

63 100

106 29.4 22.6 33.8

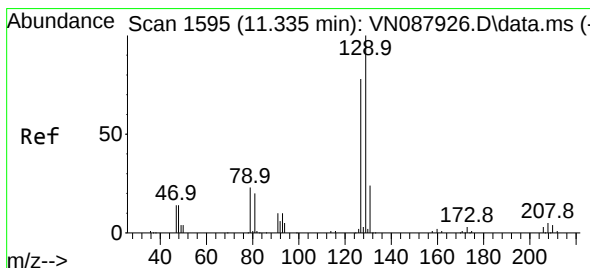
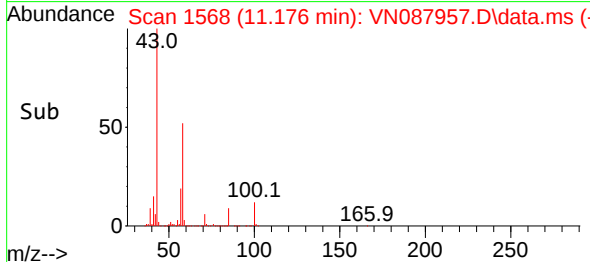
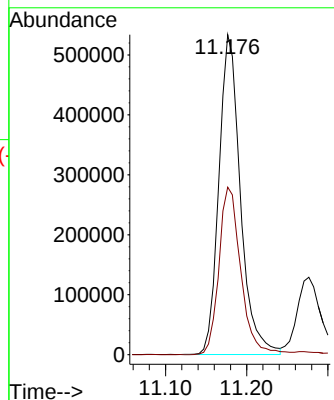
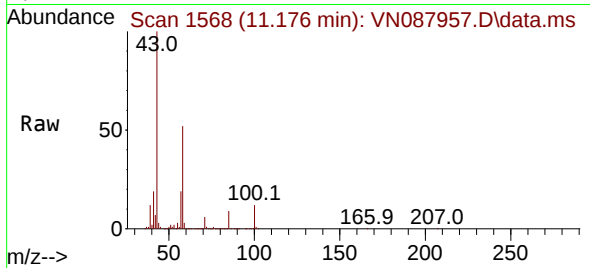




#59
2-Hexanone
Concen: 325.445 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

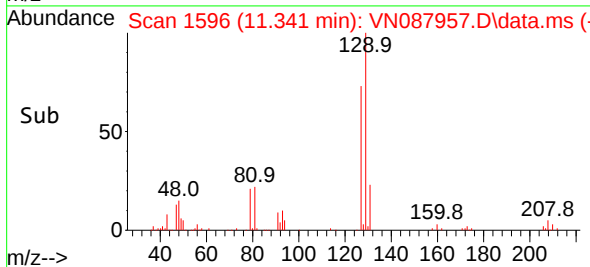
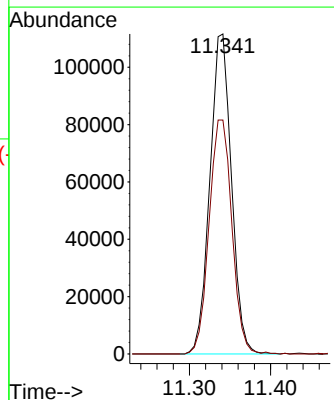
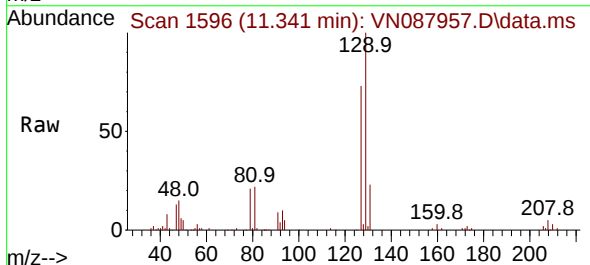
Instrument :
MSVOA_N
ClientSampleId :

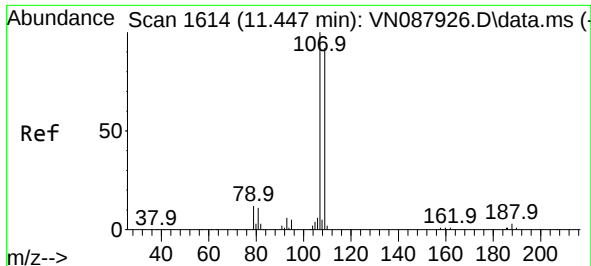
Tgt Ion: 43 Resp: 983628
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.2



#60
Dibromochloromethane
Concen: 58.495 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion:129 Resp: 205916
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.9

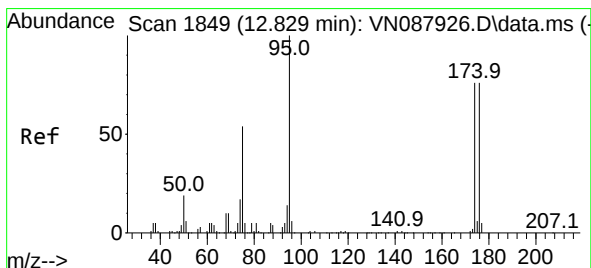
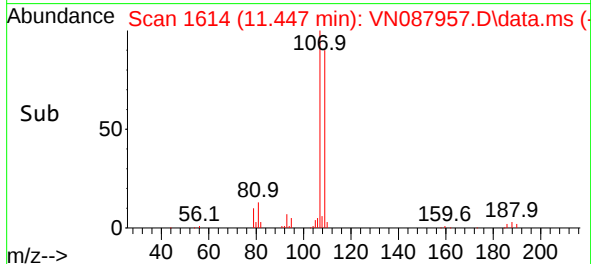
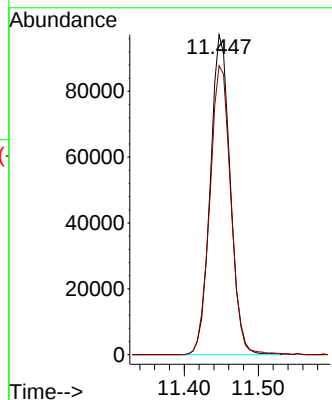
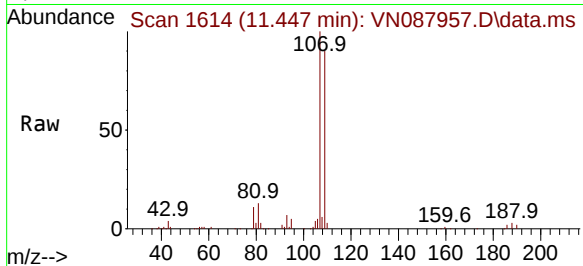




#61
1,2-Dibromoethane
Concen: 57.267 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

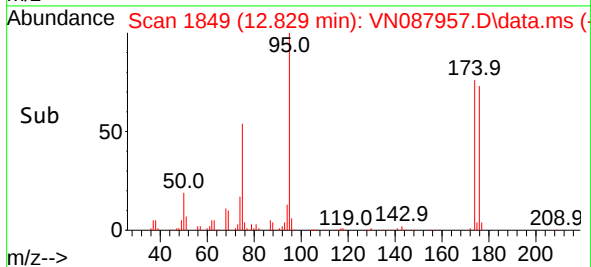
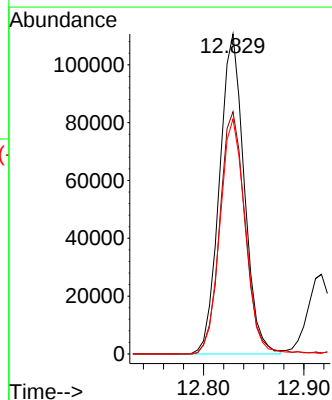
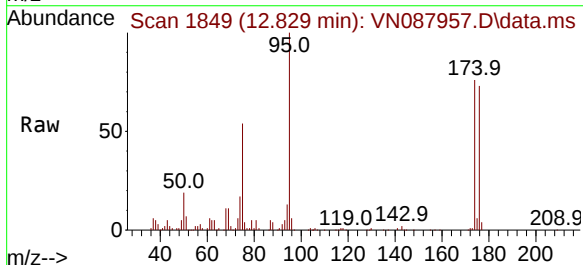
Instrument :
MSVOA_N
ClientSampleId :

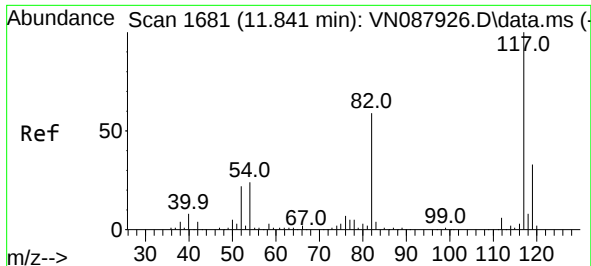
Tgt Ion:107 Resp: 181512
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.018 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 95 Resp: 189005
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.2
176 75.7 0.0 152.6

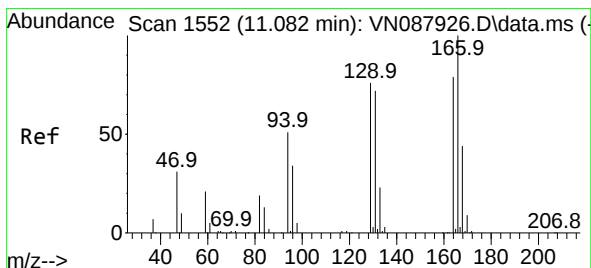
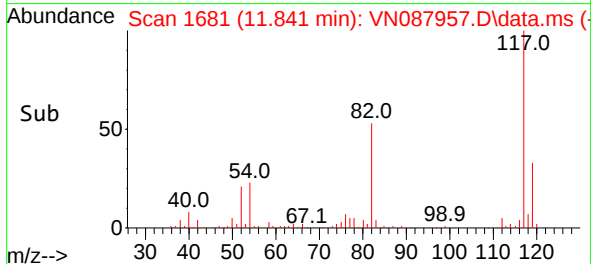
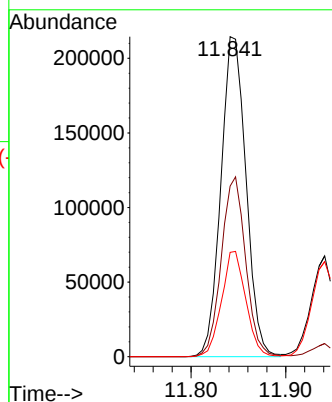
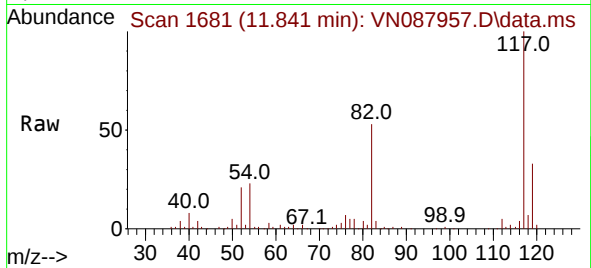




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

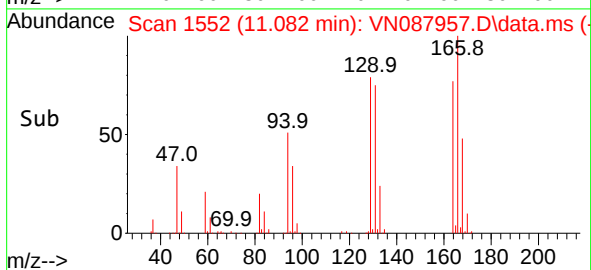
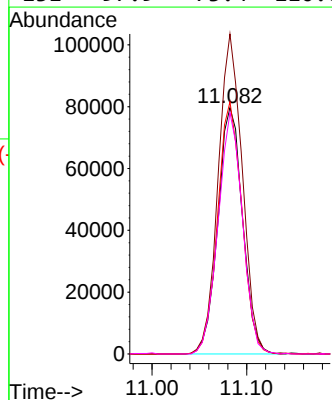
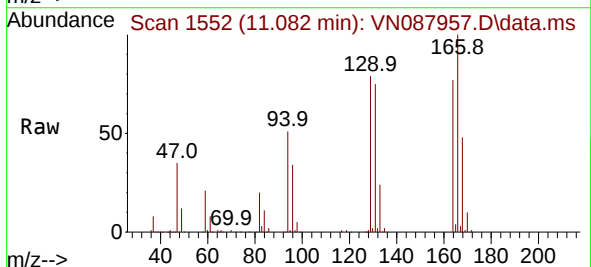
Instrument :
MSVOA_N
ClientSampleId :

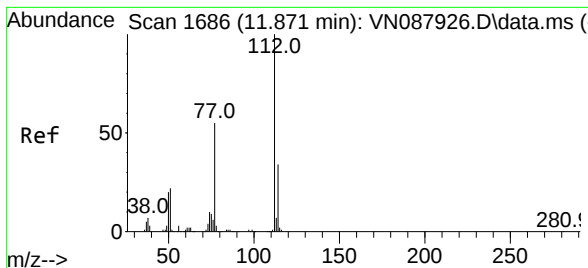
Tgt Ion:117 Resp: 395864
Ion Ratio Lower Upper
117 100
82 53.3 47.0 70.4
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 59.847 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion:164 Resp: 144313
Ion Ratio Lower Upper
164 100
166 130.0 101.6 152.4
129 102.4 77.5 116.3
131 97.9 73.4 110.0





#65

Chlorobenzene

Concen: 55.252 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

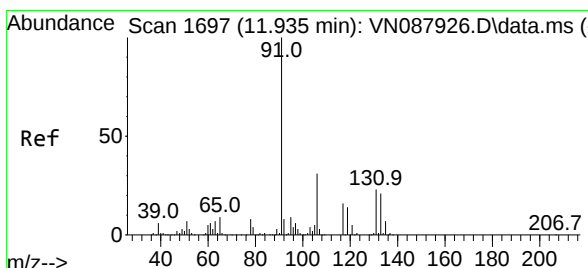
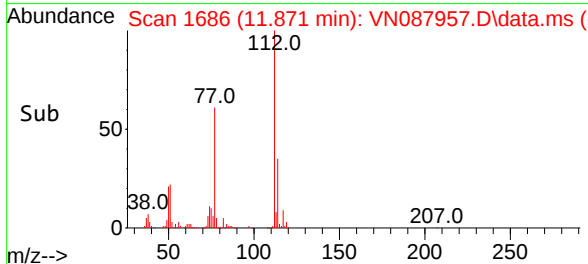
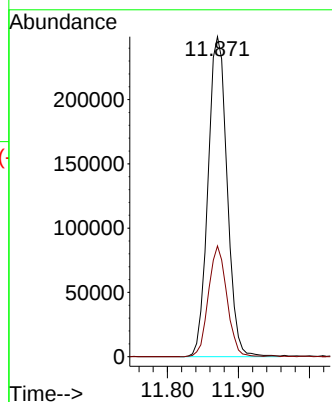
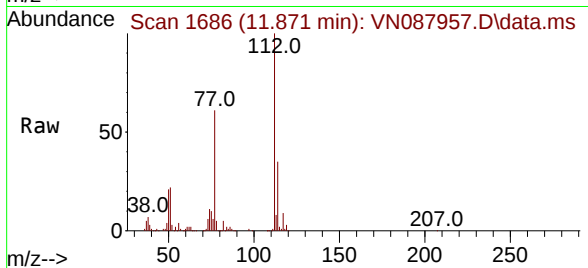
ClientSampleId :

Tgt Ion:112 Resp: 465456

Ion Ratio Lower Upper

112 100

114 34.6 27.2 40.8



#66

1,1,1,2-Tetrachloroethane

Concen: 57.127 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

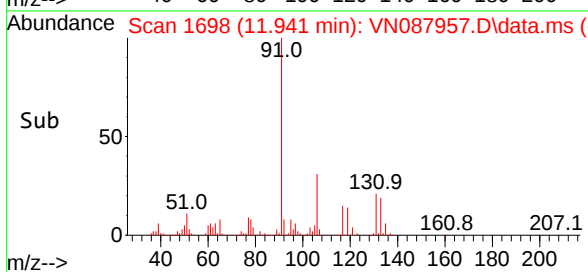
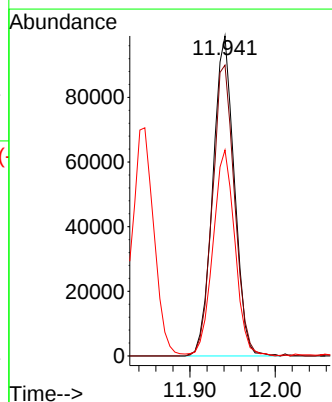
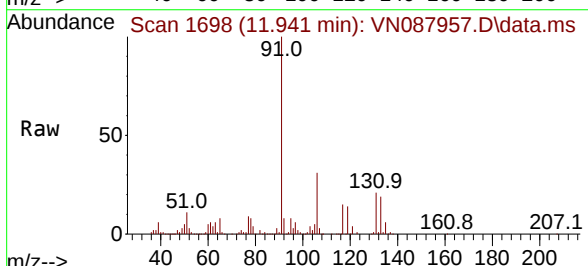
Tgt Ion:131 Resp: 173547

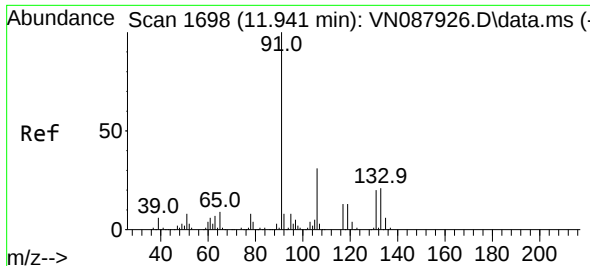
Ion Ratio Lower Upper

131 100

133 93.7 48.4 145.0

119 65.9 31.9 95.5

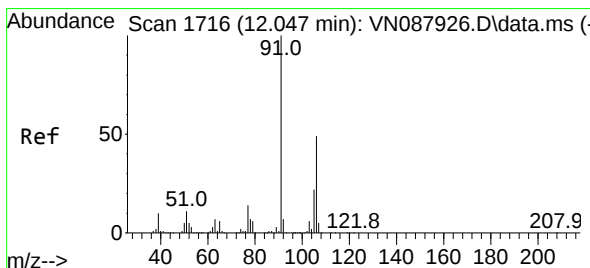
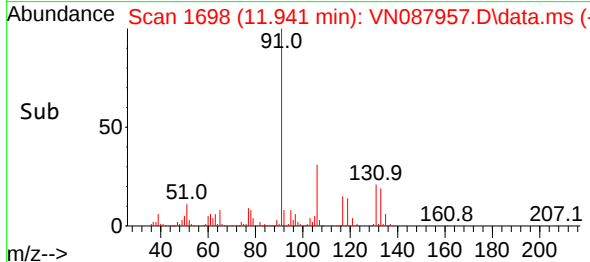
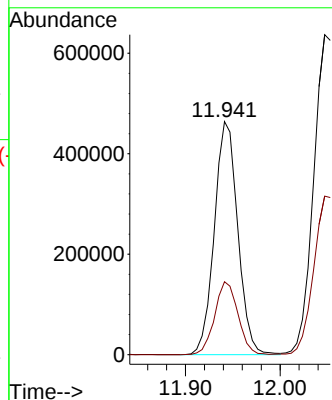
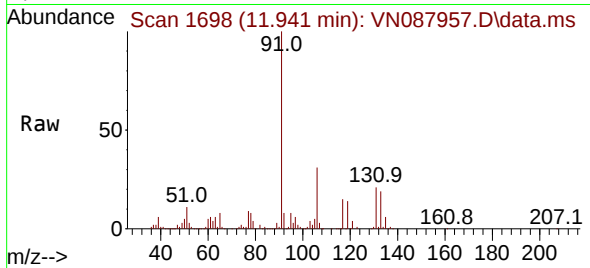




#67
Ethyl Benzene
Concen: 56.867 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

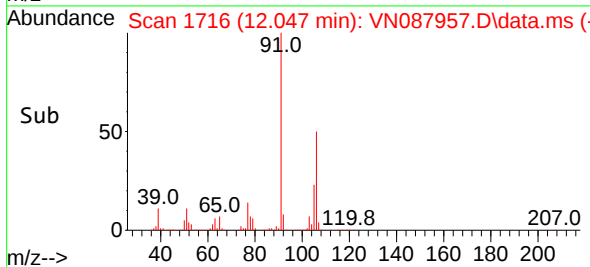
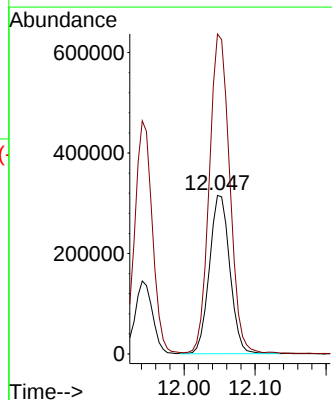
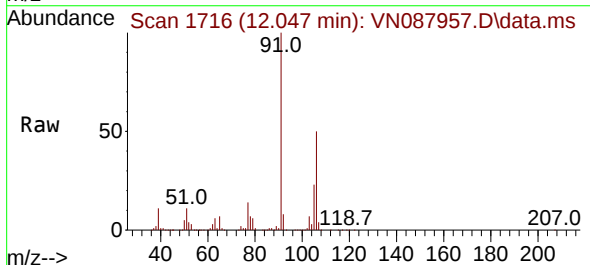
Instrument :
MSVOA_N
ClientSampleId :

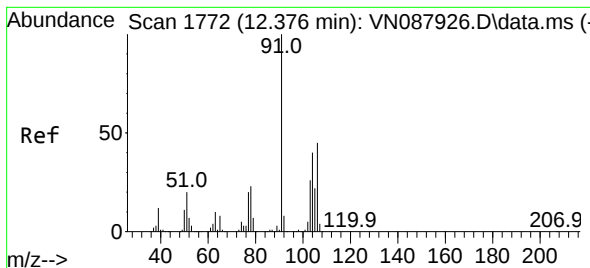
Tgt Ion: 91 Resp: 799376
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 117.112 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion:106 Resp: 629602
Ion Ratio Lower Upper
106 100
91 200.0 162.9 244.3





#69

o-Xylene

Concen: 57.518 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

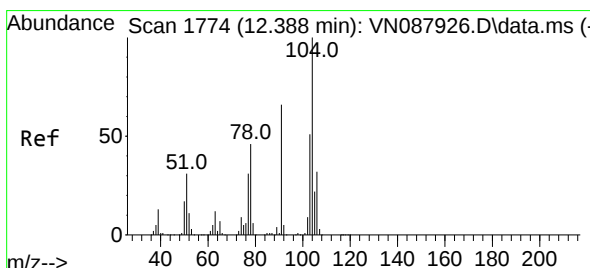
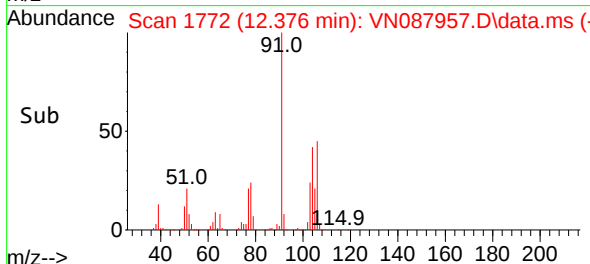
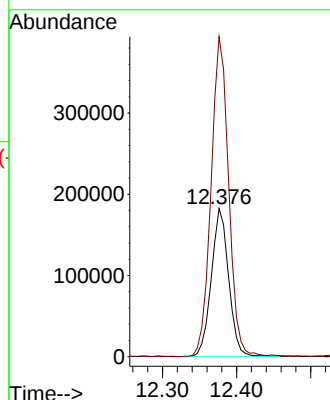
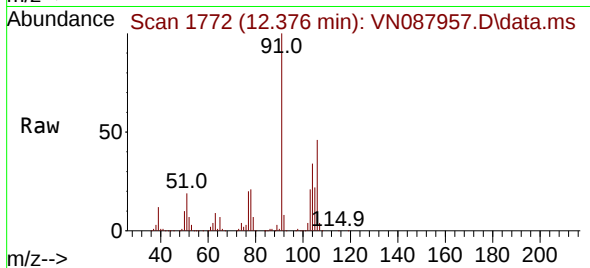
ClientSampleId :

Tgt Ion:106 Resp: 297085

Ion Ratio Lower Upper

106 100

91 218.2 108.2 324.6



#70

Styrene

Concen: 59.880 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

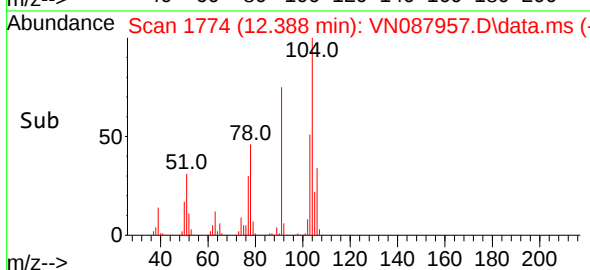
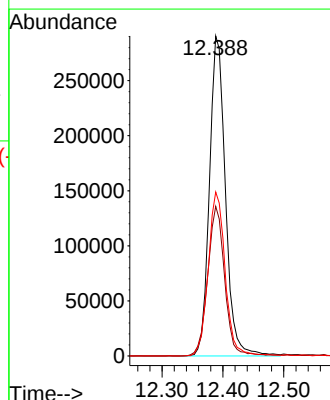
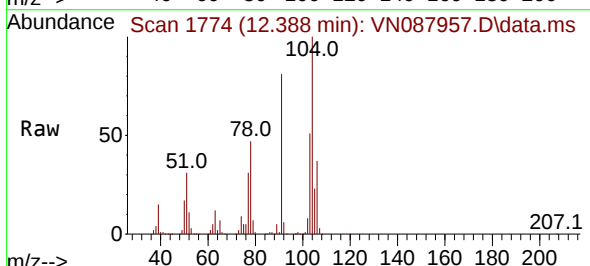
Tgt Ion:104 Resp: 531182

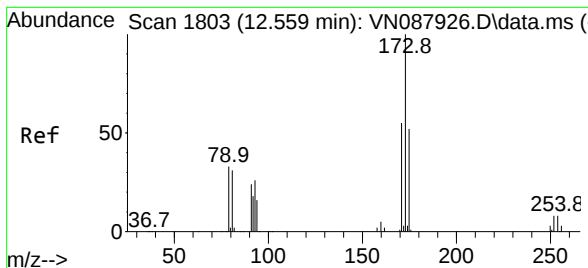
Ion Ratio Lower Upper

104 100

78 49.2 39.7 59.5

103 54.5 44.6 67.0





#71

Bromoform

Concen: 57.425 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

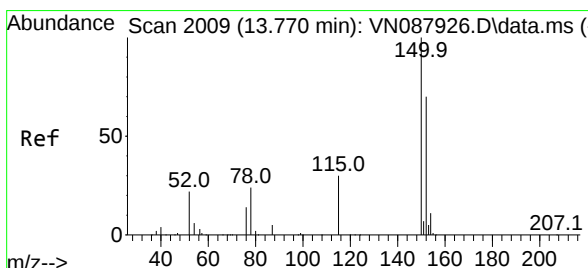
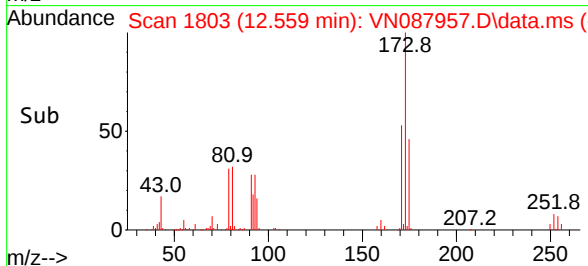
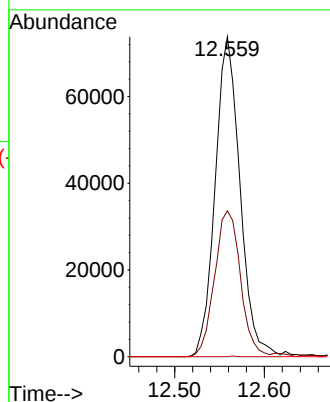
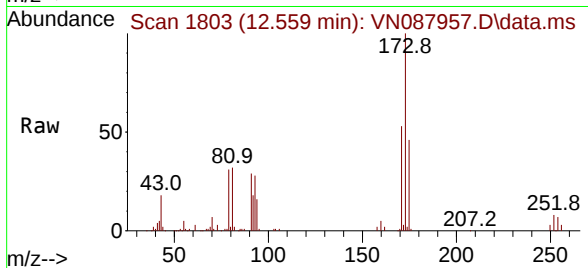
Tgt Ion:173 Resp: 141537

Ion Ratio Lower Upper

173 100

175 47.5 23.7 71.1

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

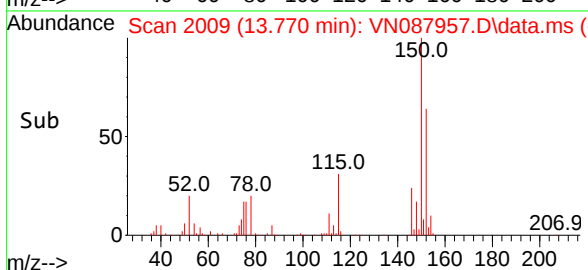
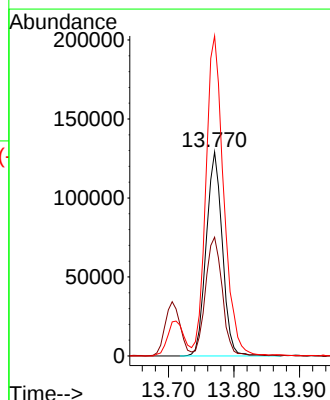
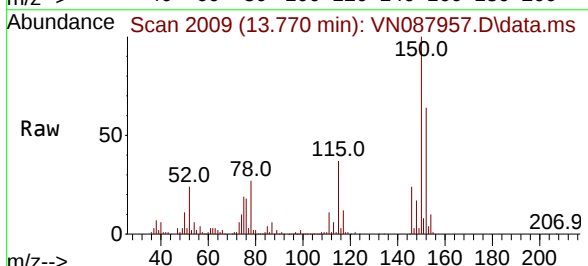
Tgt Ion:152 Resp: 221292

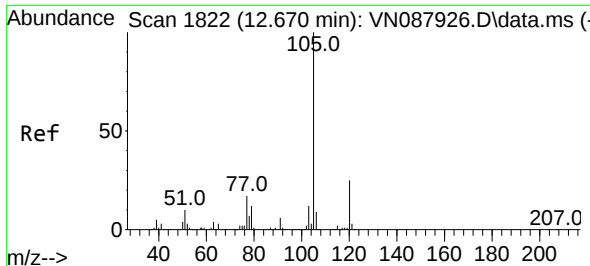
Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

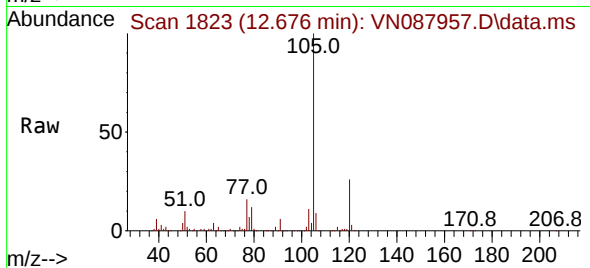
150 171.5 0.0 335.0



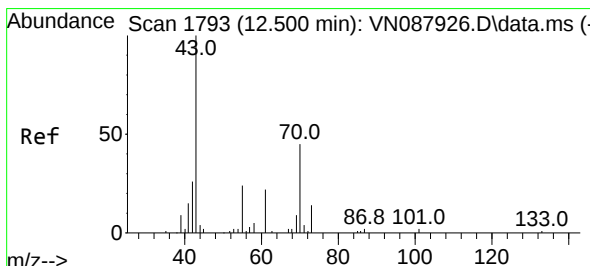
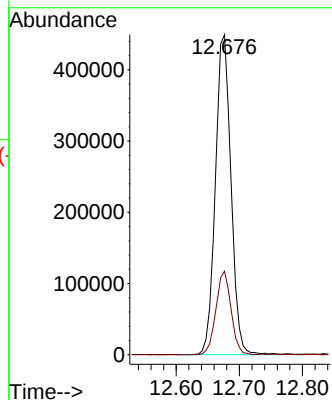
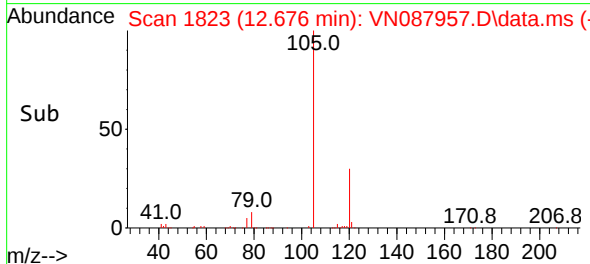


#73
Isopropylbenzene
Concen: 56.149 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

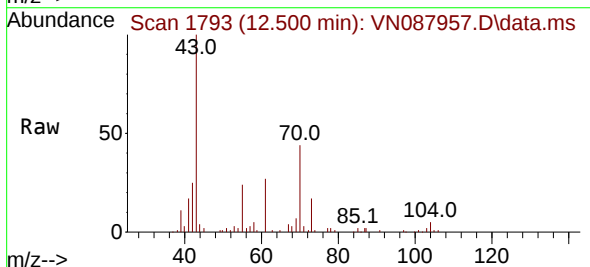
Instrument :
MSVOA_N
ClientSampleId :



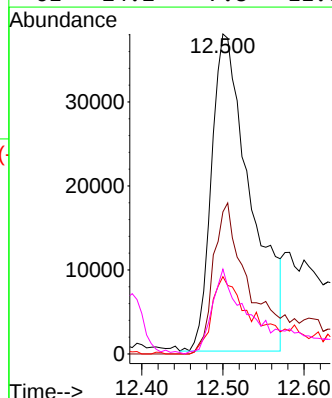
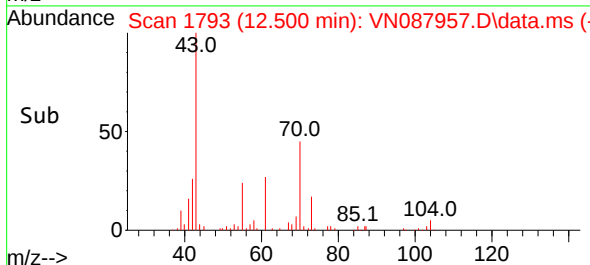
Tgt Ion:105 Resp: 770089
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

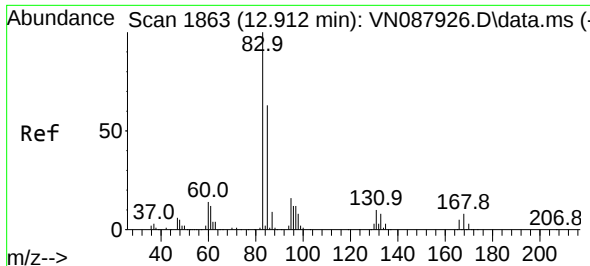


#74
N-ethyl acetate
Concen: 28.057 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07



Tgt Ion: 43 Resp: 126789
Ion Ratio Lower Upper
43 100
70 47.0 19.8 29.8#
55 24.5 9.6 14.4#
61 24.2 7.8 11.6#

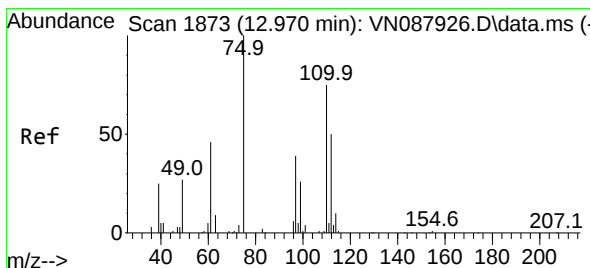
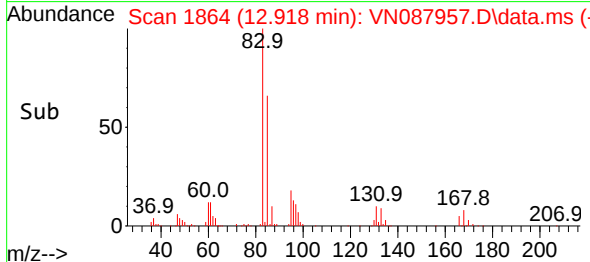
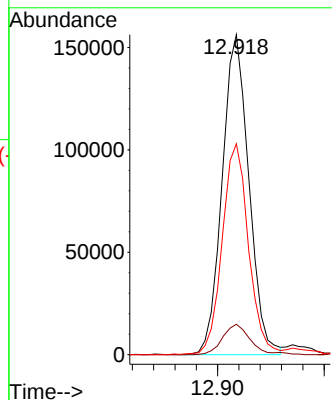
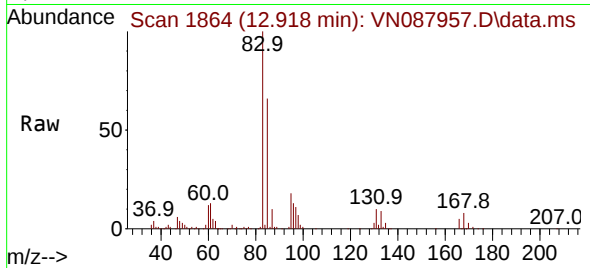




#75
1,1,2-Tetrachloroethane
Concen: 55.031 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

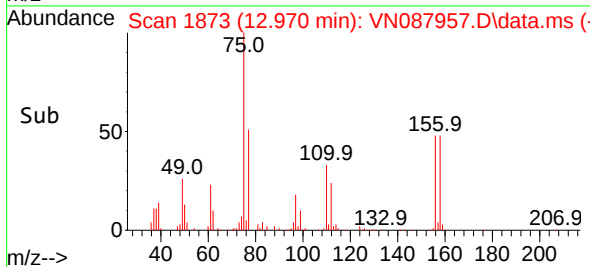
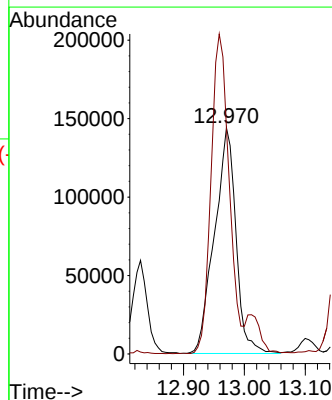
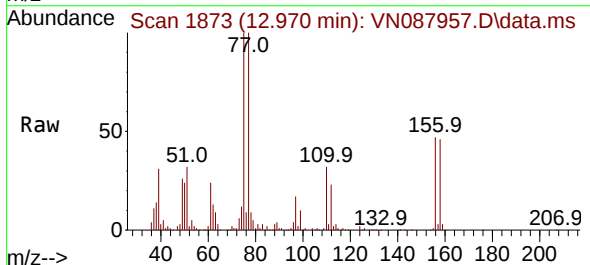
Instrument :
MSVOA_N
ClientSampleId :

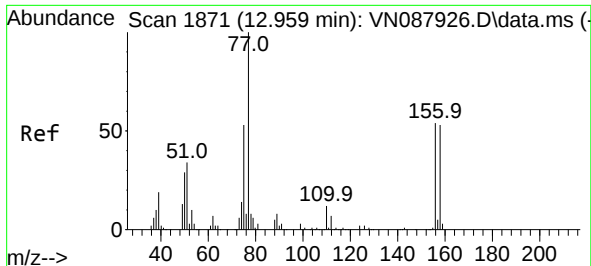
Tgt Ion: 83 Resp: 271942
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 64.8 32.4 97.0



#76
1,2,3-Trichloropropane
Concen: 80.792 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 75 Resp: 352426
Ion Ratio Lower Upper
75 100
77 120.2 89.5 268.5

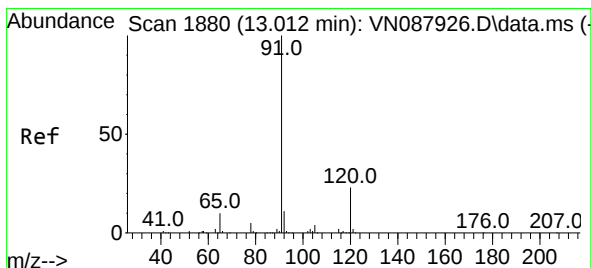
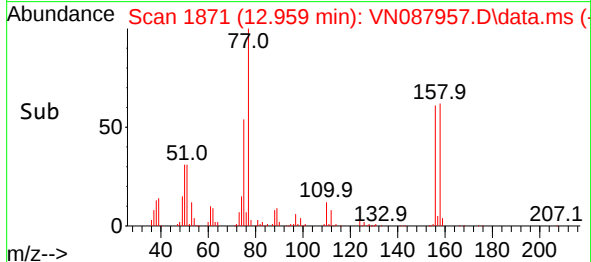
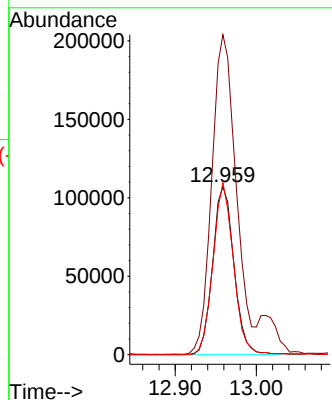
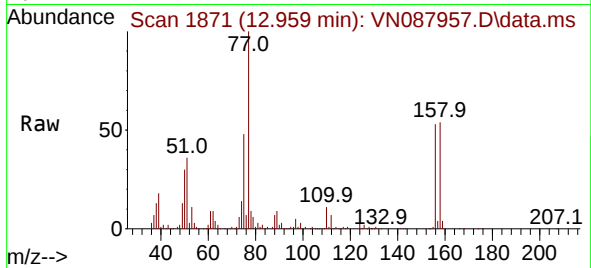




#77
Bromobenzene
Concen: 53.515 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

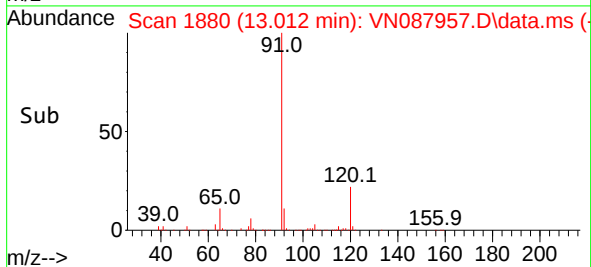
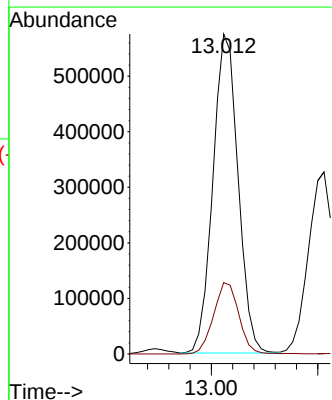
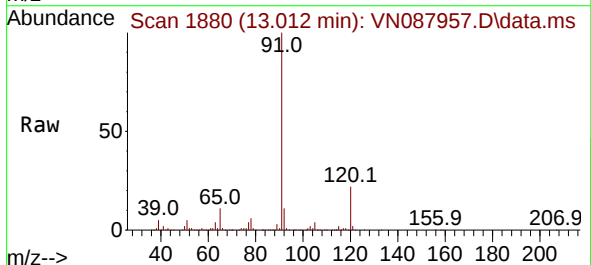
Instrument :
MSVOA_N
ClientSampleId :

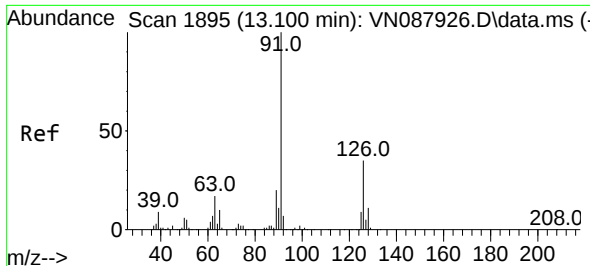
Tgt Ion:156 Resp: 195283
Ion Ratio Lower Upper
156 100
77 217.0 108.2 324.6
158 98.6 49.6 149.0



#78
n-propylbenzene
Concen: 54.849 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 91 Resp: 940516
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1

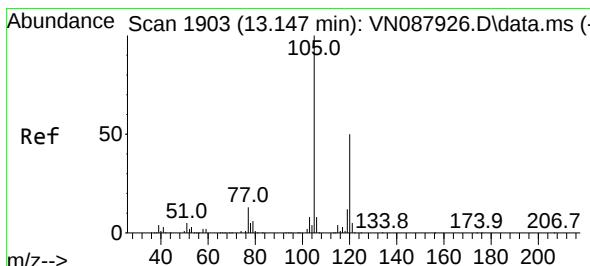
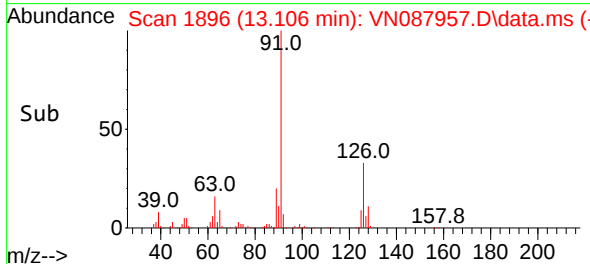
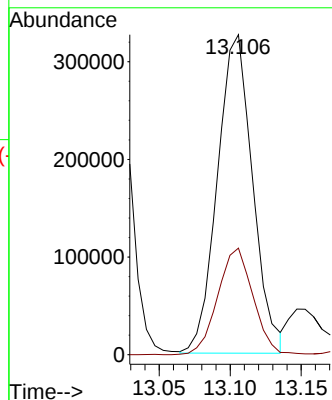
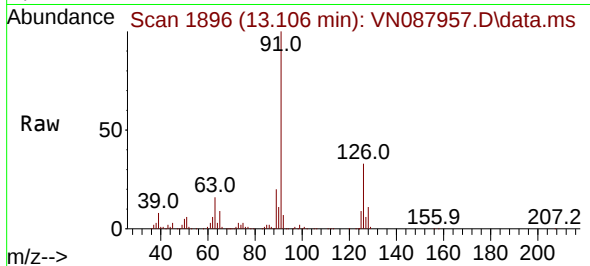




#79
2-Chlorotoluene
Concen: 53.998 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

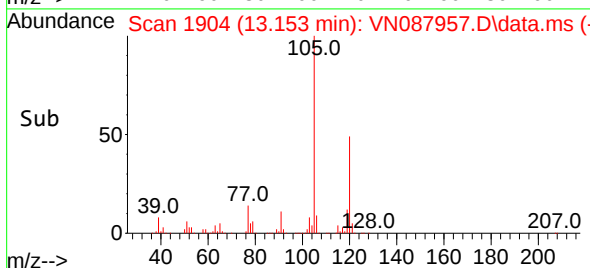
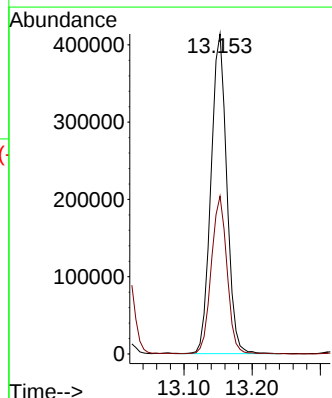
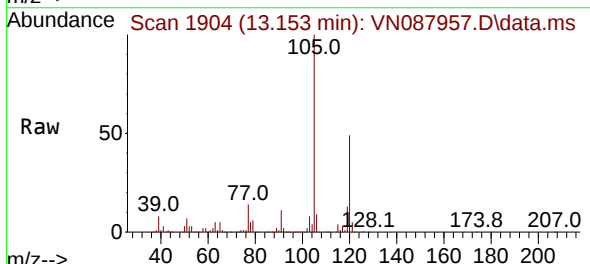
Instrument :
MSVOA_N
ClientSampleId :

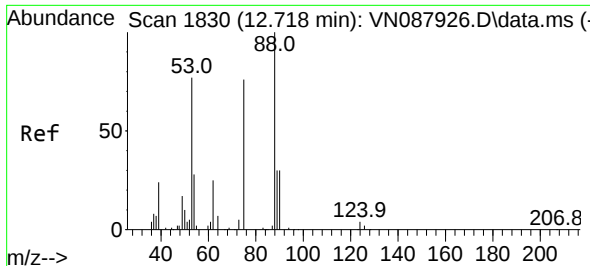
Tgt Ion: 91 Resp: 563789
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 56.189 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087957.D
Acq: 25 Sep 2025 16:07

Tgt Ion: 105 Resp: 666576
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

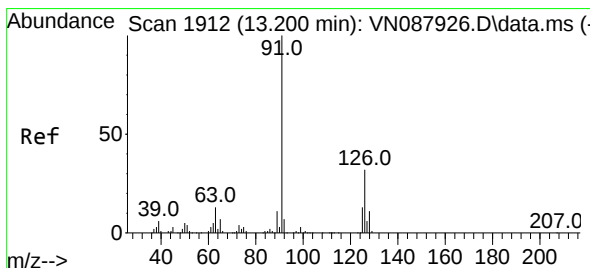
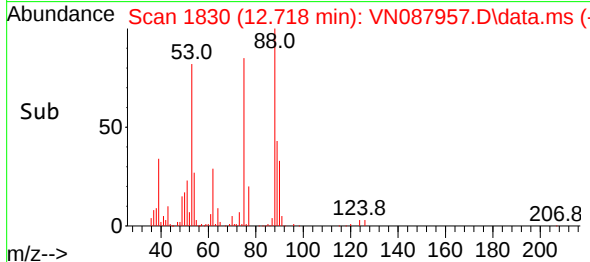
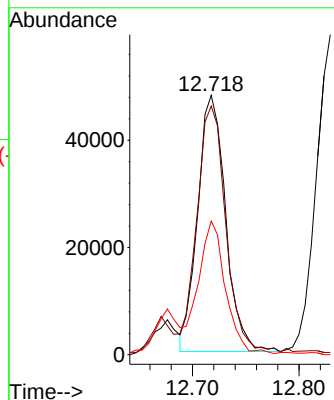
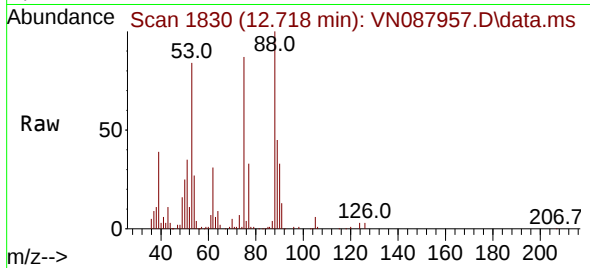




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.474 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

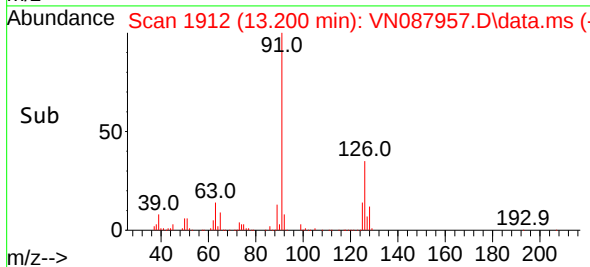
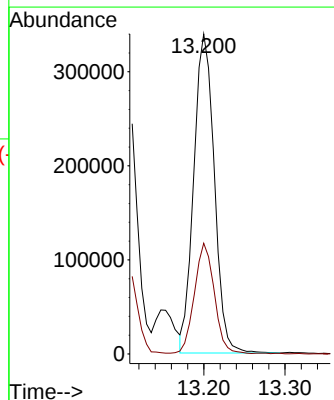
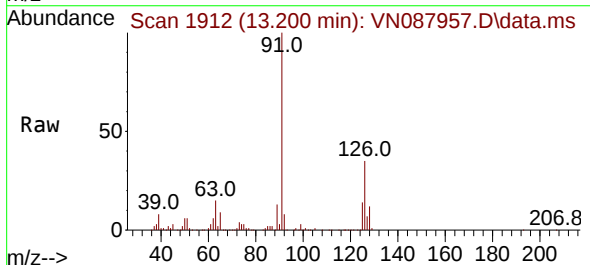
Instrument :
 MSVOA_N
 ClientSampleId :

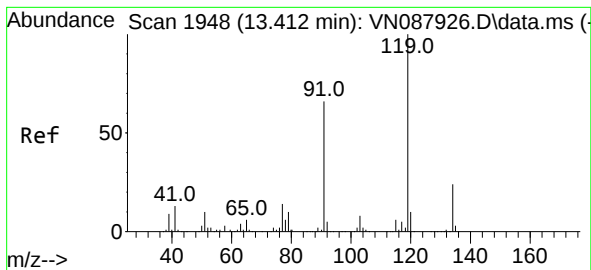
Tgt Ion: 75 Resp: 87145
 Ion Ratio Lower Upper
 75 100
 53 100.8 82.0 123.0
 89 51.2 36.1 54.1



#82
 4-Chlorotoluene
 Concen: 56.698 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion: 91 Resp: 596499
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.9 50.6





#83

tert-Butylbenzene

Concen: 55.427 ug/l

RT: 13.418 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

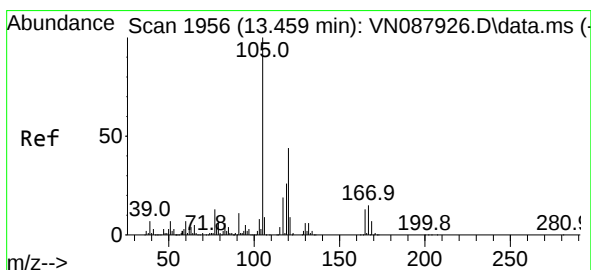
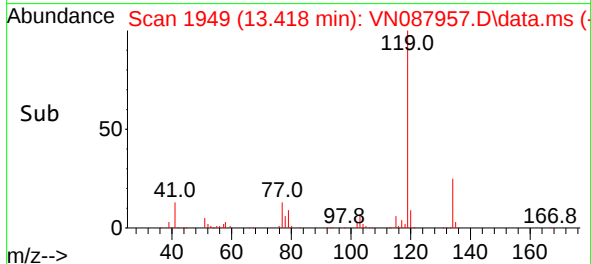
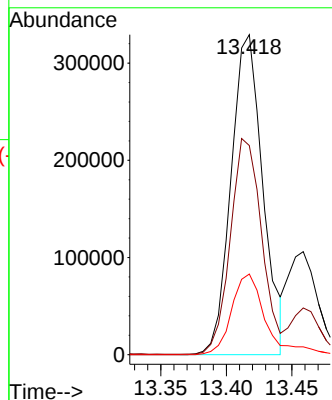
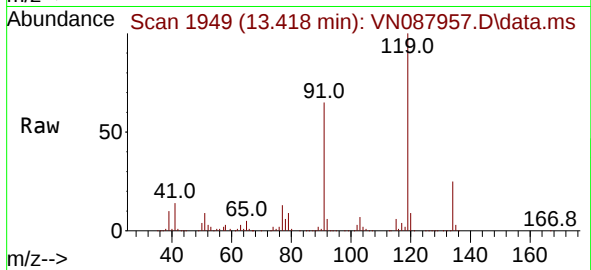
Tgt Ion:119 Resp: 556556

Ion Ratio Lower Upper

119 100

91 66.3 32.1 96.3

134 27.0 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 56.560 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087957.D

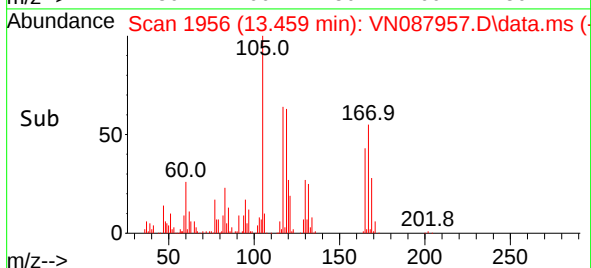
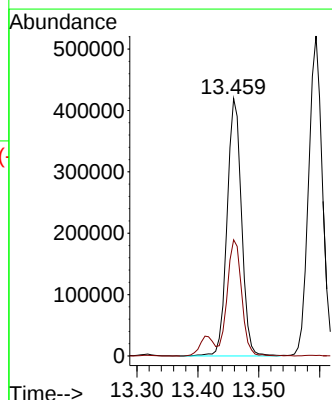
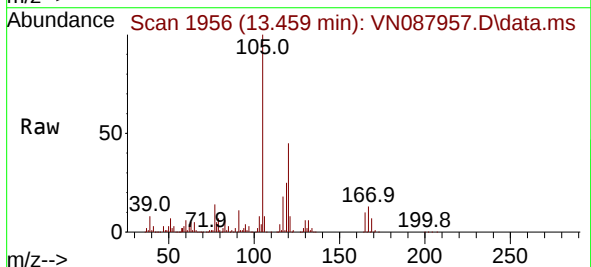
Acq: 25 Sep 2025 16:07

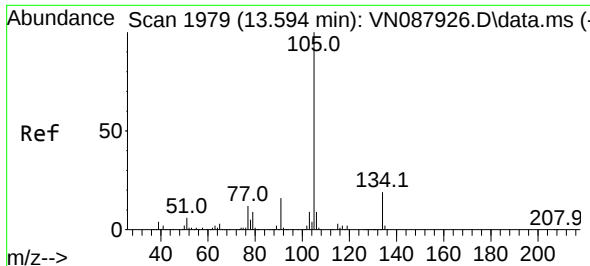
Tgt Ion:105 Resp: 688225

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.3

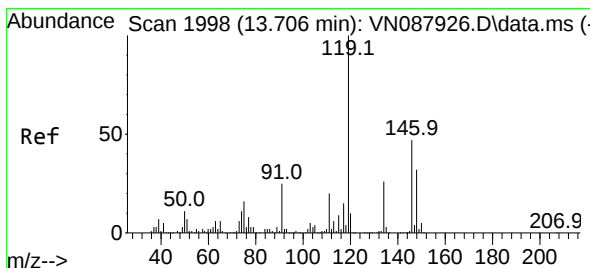
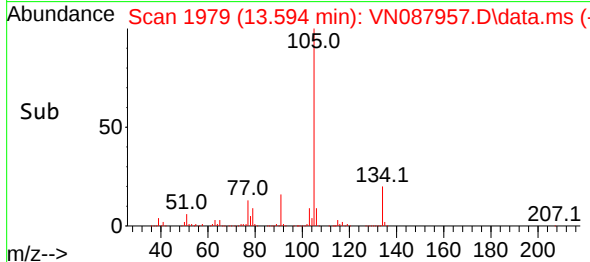
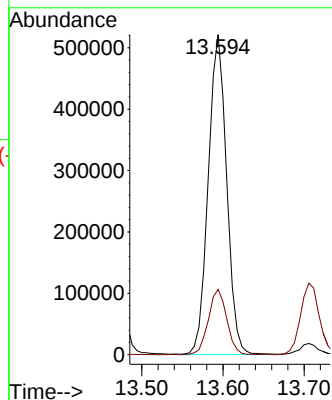
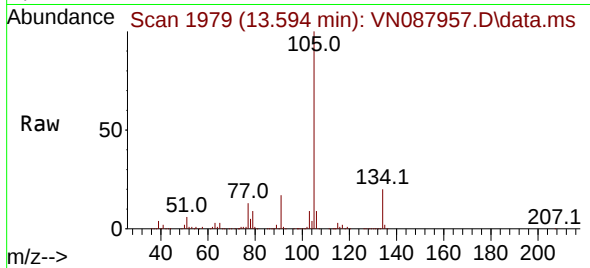




#85
 sec-Butylbenzene
 Concen: 55.687 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

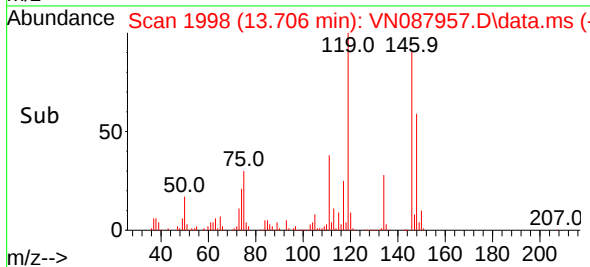
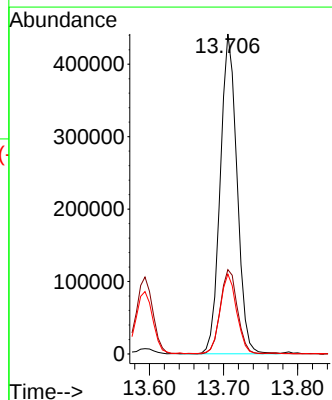
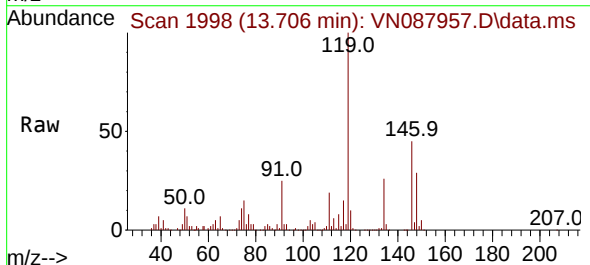
Instrument :
 MSVOA_N
 ClientSampleId :

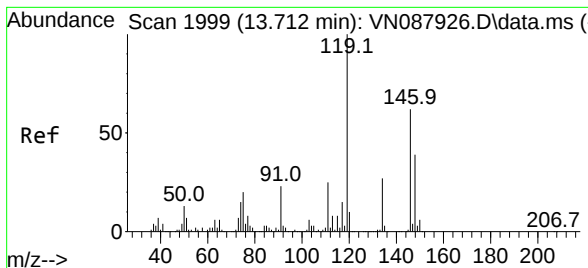
Tgt Ion:105 Resp: 819809
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 55.540 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

Tgt Ion:119 Resp: 692512
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 24.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 54.166 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

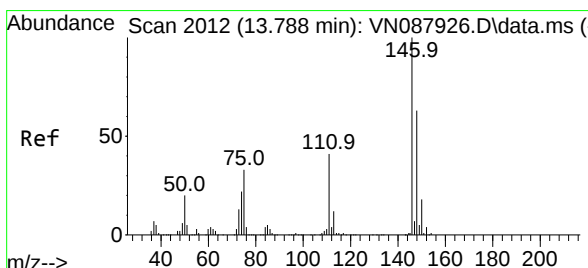
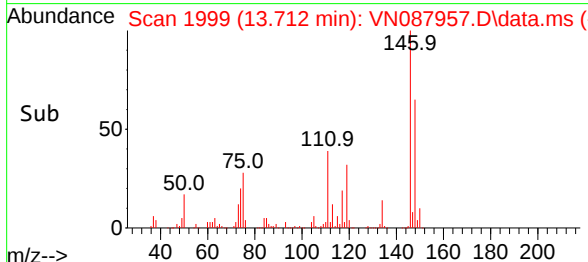
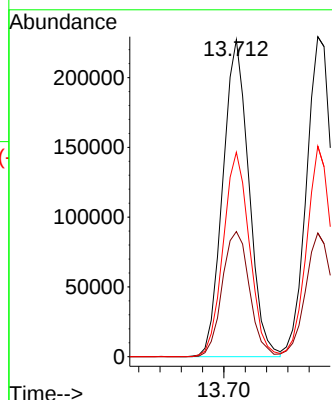
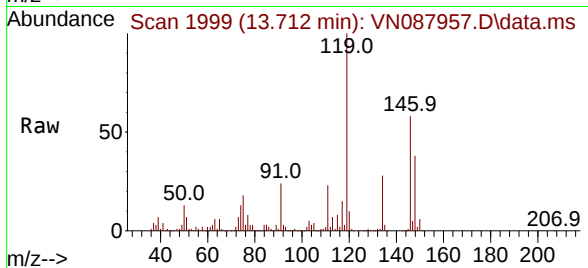
Tgt Ion:146 Resp: 385722

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

148 64.9 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 54.060 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

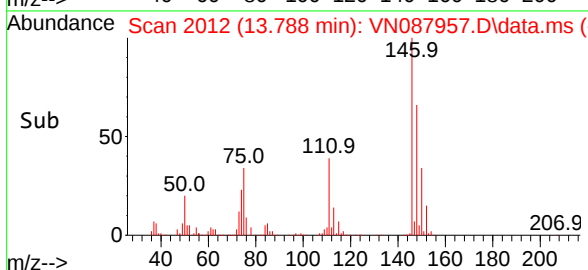
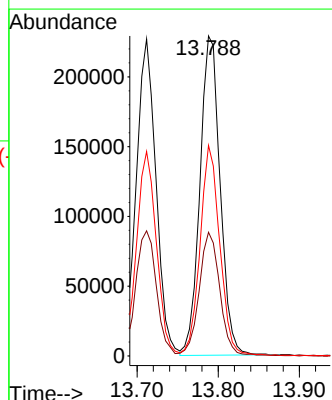
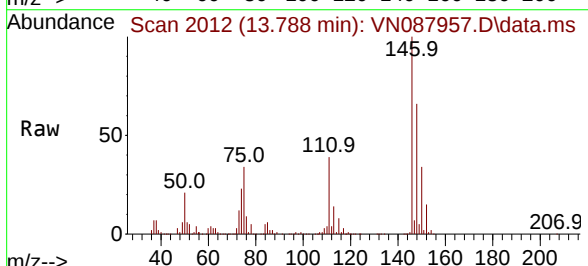
Tgt Ion:146 Resp: 395625

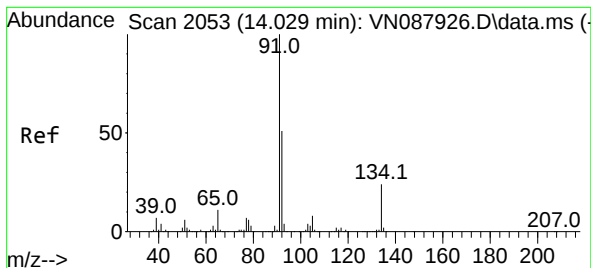
Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.5

148 64.5 32.8 98.4





#89

n-Butylbenzene

Concen: 54.811 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

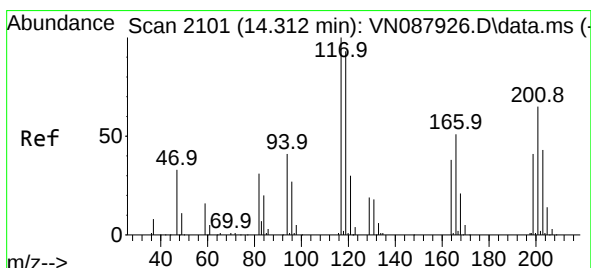
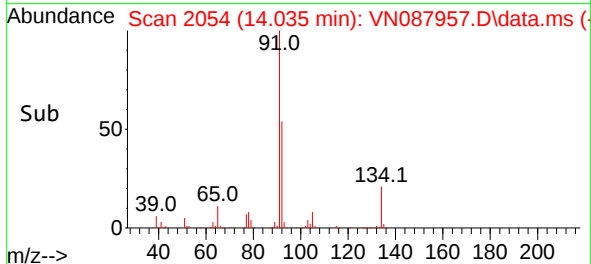
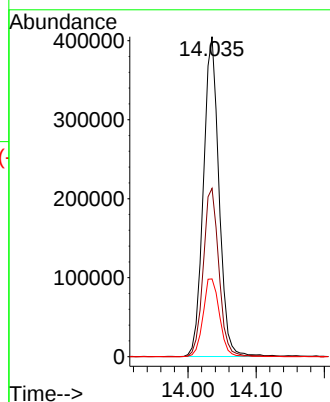
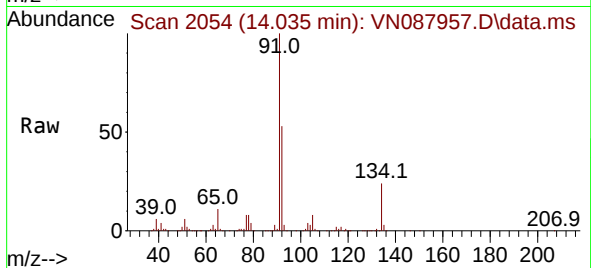
Tgt Ion: 91 Resp: 645871

Ion Ratio Lower Upper

91 100

92 53.0 25.9 77.8

134 25.6 12.6 37.8



#90

Hexachloroethane

Concen: 53.561 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087957.D

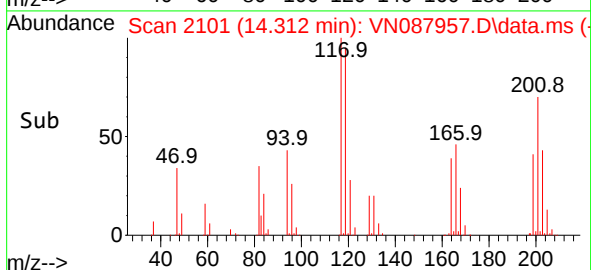
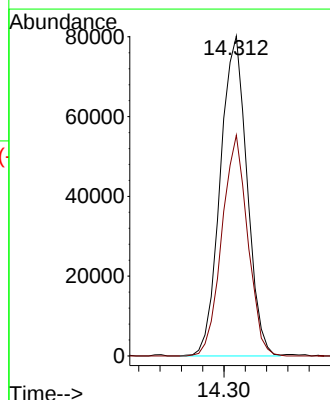
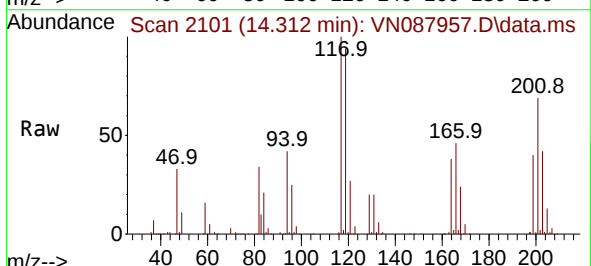
Acq: 25 Sep 2025 16:07

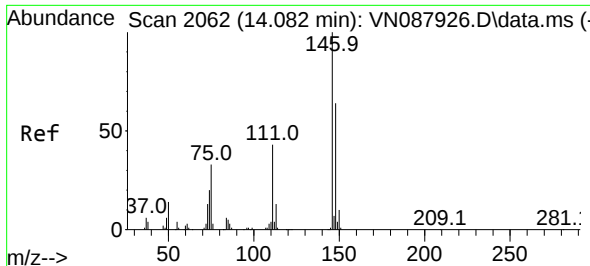
Tgt Ion: 117 Resp: 139501

Ion Ratio Lower Upper

117 100

201 66.7 33.6 100.6

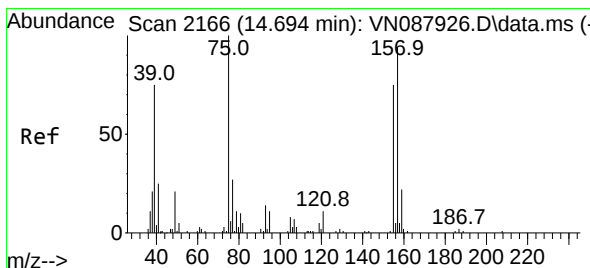
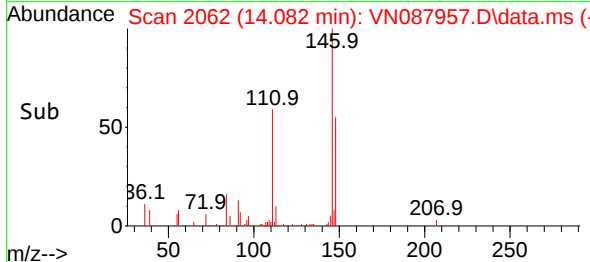
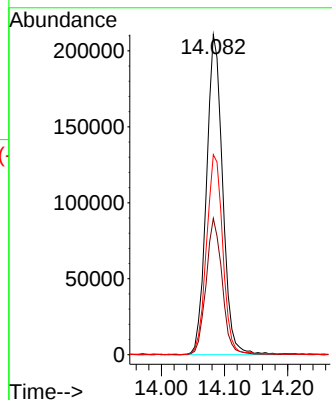
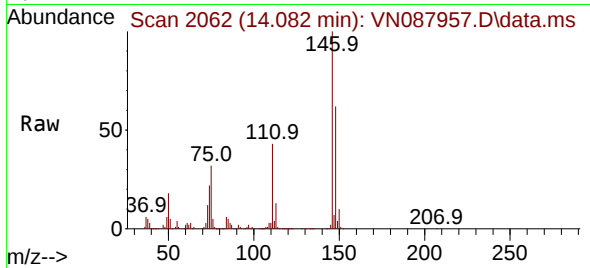




#91
 1,2-Dichlorobenzene
 Concen: 54.610 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

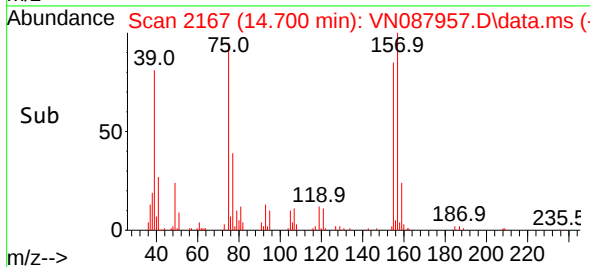
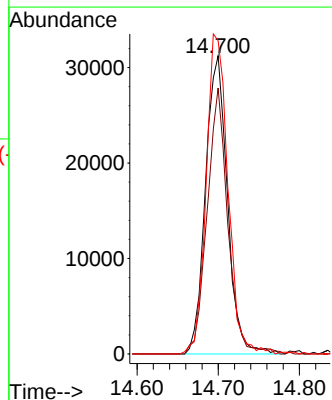
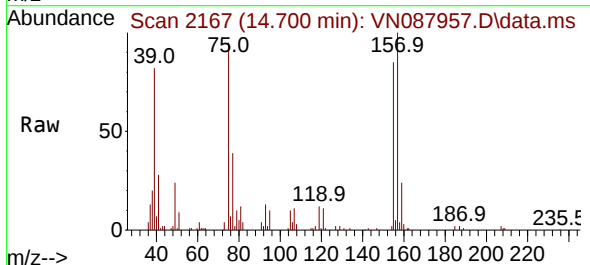
Instrument :
 MSVOA_N
 ClientSampleId :

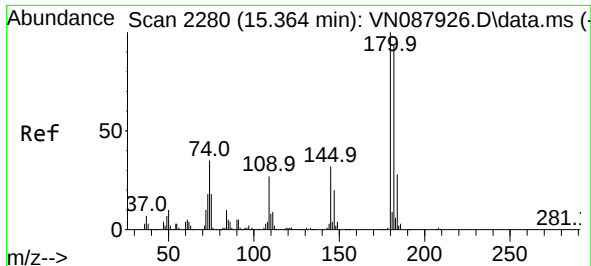
Tgt Ion:146 Resp: 374847
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.7
 148 63.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.025 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

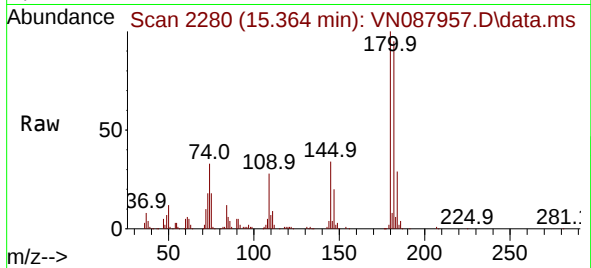
Tgt Ion: 75 Resp: 58587
 Ion Ratio Lower Upper
 75 100
 155 84.1 40.2 120.6
 157 106.7 50.9 152.7



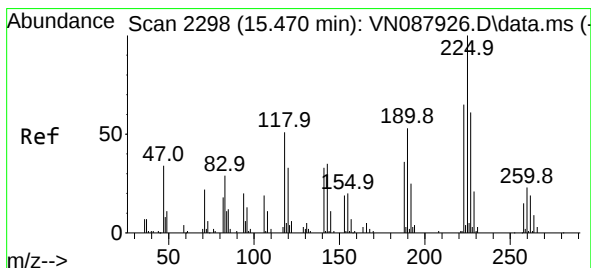
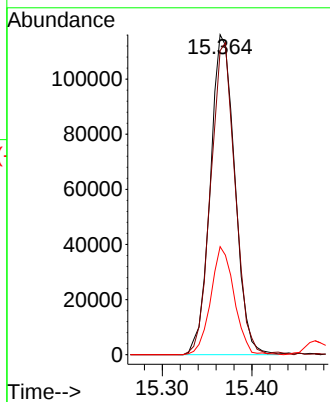
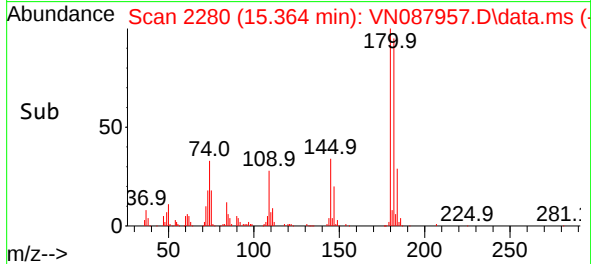


#93
 1,2,4-Trichlorobenzene
 Concen: 54.352 ug/l
 RT: 15.364 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07

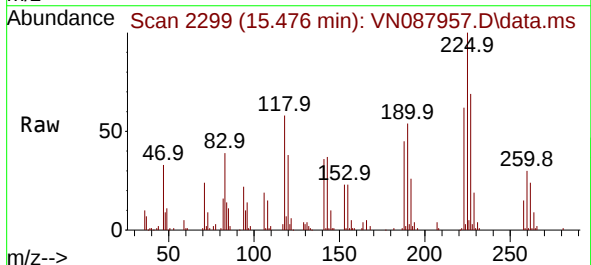
Instrument :
 MSVOA_N
 ClientSampleId :



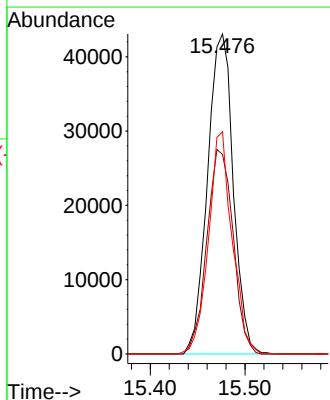
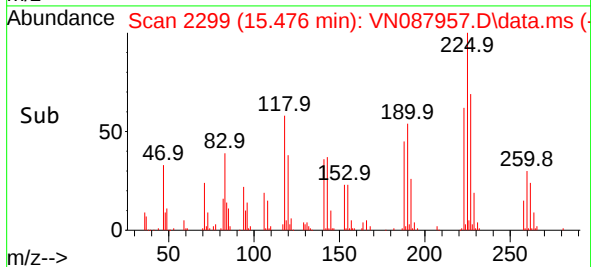
Tgt Ion:180 Resp: 220275
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.5 145.5
 145 32.2 15.9 47.6

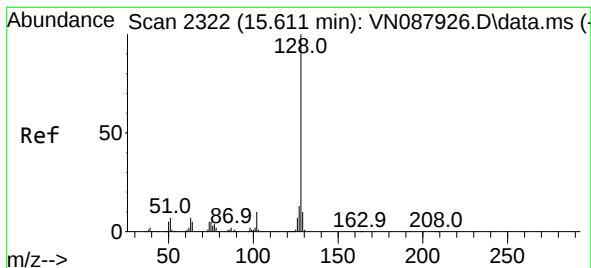


#94
 Hexachlorobutadiene
 Concen: 54.698 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.006 min
 Lab File: VN087957.D
 Acq: 25 Sep 2025 16:07



Tgt Ion:225 Resp: 81592
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.8 95.4
 227 63.8 31.9 95.9





#95

Naphthalene

Concen: 57.479 ug/l

RT: 15.611 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

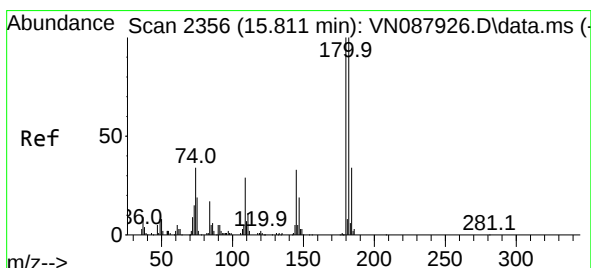
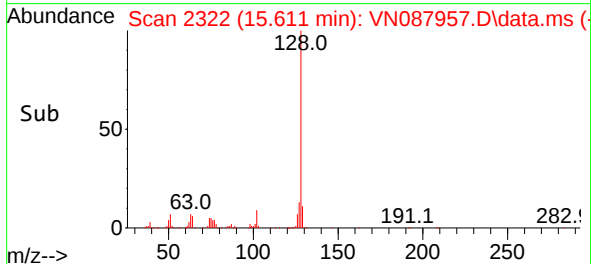
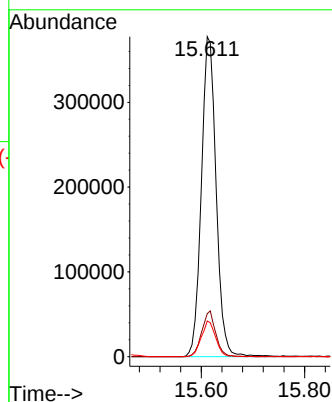
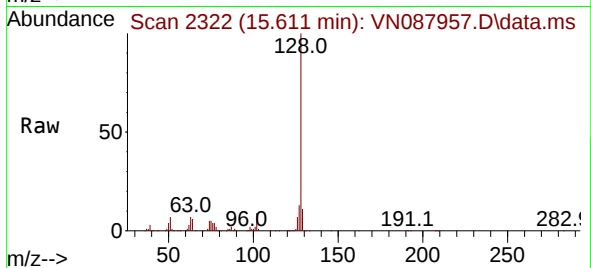
Tgt Ion:128 Resp: 747760

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.941 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087957.D

Acq: 25 Sep 2025 16:07

Tgt Ion:180 Resp: 220406

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 34.3 16.1 48.3

