

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087706.D
 Acq On : 02 Sep 2025 11:55
 Operator : JC\MD
 Sample : VN0902MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

Quant Time: Sep 03 01:16:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	225454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	437348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	395683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	196948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	198059	42.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.760%
35) Dibromofluoromethane	8.147	113	138365	43.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.640%
50) Toluene-d8	10.547	98	520474	44.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.080%
62) 4-Bromofluorobenzene	12.829	95	185373	44.105	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	59152	18.473	ug/l	97
3) Chloromethane	2.383	50	58405	17.749	ug/l	93
4) Vinyl Chloride	2.536	62	66946	17.546	ug/l	98
5) Bromomethane	2.977	94	36613	18.597	ug/l	98
6) Chloroethane	3.142	64	46479	17.332	ug/l	99
7) Trichlorofluoromethane	3.506	101	102770	18.385	ug/l	93
8) Diethyl Ether	3.959	74	41207	16.926	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	57170	18.074	ug/l	99
10) Methyl Iodide	4.583	142	35718	19.862	ug/l	97
11) Tert butyl alcohol	5.524	59	71996	89.779	ug/l	99
12) 1,1-Dichloroethene	4.336	96	56567	17.403	ug/l	93
13) Acrolein	4.177	56	51158	51.892	ug/l	98
14) Allyl chloride	5.018	41	98767	16.768	ug/l	99
15) Acrylonitrile	5.712	53	197247	87.215	ug/l	98
16) Acetone	4.424	43	207785	82.632	ug/l	95
17) Carbon Disulfide	4.700	76	147237	16.454	ug/l	98
18) Methyl Acetate	5.024	43	98842	18.773	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	211897	17.377	ug/l	98
20) Methylene Chloride	5.259	84	64767	16.987	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	58143	16.505	ug/l	92
22) Diisopropyl ether	6.659	45	224754	17.681	ug/l	98
23) Vinyl Acetate	6.589	43	1001230	86.576	ug/l	100
24) 1,1-Dichloroethane	6.553	63	121188	17.388	ug/l	99
25) 2-Butanone	7.471	43	283819	85.791	ug/l	99
26) 2,2-Dichloropropane	7.471	77	104080	17.400	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	71832	17.056	ug/l	97
28) Bromochloromethane	7.800	49	60422	17.933	ug/l	96
29) Tetrahydrofuran	7.824	42	173837	81.650	ug/l	99
30) Chloroform	7.947	83	127575	17.934	ug/l	97
31) Cyclohexane	8.236	56	97748	16.824	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	103329	17.140	ug/l	97
36) 1,1-Dichloropropene	8.353	75	79673	16.447	ug/l	99
37) Ethyl Acetate	7.547	43	106168	16.039	ug/l	97
38) Carbon Tetrachloride	8.347	117	84571	17.682	ug/l	94
39) Methylcyclohexane	9.582	83	84928	15.924	ug/l	95
40) Benzene	8.588	78	263211	17.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	64251	18.738	ug/l	94
42) 1,2-Dichloroethane	8.653	62	101486	17.775	ug/l	99
43) Isopropyl Acetate	8.671	43	182050	17.615	ug/l	99
44) Trichloroethene	9.335	130	58506	17.247	ug/l	95
45) 1,2-Dichloropropane	9.600	63	65254	16.662	ug/l	89
46) Dibromomethane	9.688	93	49640	17.811	ug/l	97
47) Bromodichloromethane	9.871	83	103461	18.114	ug/l #	98
48) Methyl methacrylate	9.665	41	84215	17.227	ug/l	98
49) 1,4-Dioxane	9.677	88	21586	340.685	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	555696	89.119	ug/l	100
52) Toluene	10.606	92	159014	17.263	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	111528	18.864	ug/l	91
54) cis-1,3-Dichloropropene	10.288	75	109378	17.817	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	64885	18.210	ug/l	94
56) Ethyl methacrylate	10.859	69	103221	18.126	ug/l	98
57) 1,3-Dichloropropane	11.141	76	112903	17.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	281388	91.295	ug/l	100
59) 2-Hexanone	11.177	43	355096	90.108	ug/l	99
60) Dibromochloromethane	11.335	129	72339	17.521	ug/l	98
61) 1,2-Dibromoethane	11.441	107	64288	17.110	ug/l	95
64) Tetrachloroethene	11.082	164	46723	17.020	ug/l	91
65) Chlorobenzene	11.871	112	173471	17.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	61626	18.857	ug/l	96
67) Ethyl Benzene	11.941	91	302421	17.743	ug/l	97
68) m/p-Xylenes	12.053	106	225886	36.137	ug/l	99
69) o-Xylene	12.376	106	109333	17.848	ug/l	100
70) Styrene	12.388	104	187125	18.233	ug/l	98
71) Bromoform	12.559	173	45251	18.054	ug/l #	98
73) Isopropylbenzene	12.676	105	279757	17.579	ug/l	100
74) N-amyl acetate	12.529	43	9974	1.654	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.918	83	99922	18.237	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	131743	28.525	ug/l	60
77) Bromobenzene	12.959	156	66917	17.833	ug/l	98
78) n-propylbenzene	13.012	91	352551	17.985	ug/l	99
79) 2-Chlorotoluene	13.106	91	210750	17.865	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	240406	17.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	31463	18.035	ug/l	90
82) 4-Chlorotoluene	13.200	91	214685	17.309	ug/l	100
83) tert-Butylbenzene	13.418	119	198390	17.634	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	243091	17.987	ug/l	97
85) sec-Butylbenzene	13.594	105	289670	17.350	ug/l	100
86) p-Isopropyltoluene	13.706	119	239703	17.387	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	133701	18.093	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	135931	17.676	ug/l	99
89) n-Butylbenzene	14.035	91	235389	17.192	ug/l	99
90) Hexachloroethane	14.306	117	48736	18.555	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	129704	18.501	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22379	17.193	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	71598	17.008	ug/l	97
94) Hexachlorobutadiene	15.470	225	24585	16.381	ug/l	99
95) Naphthalene	15.612	128	252457	16.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	68913	16.745	ug/l	97

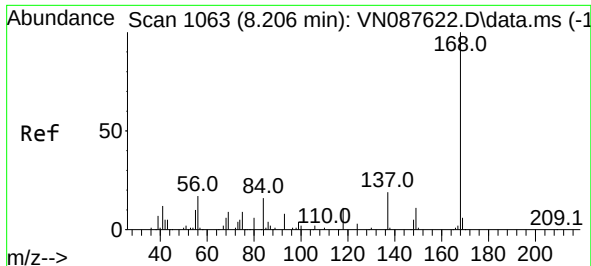
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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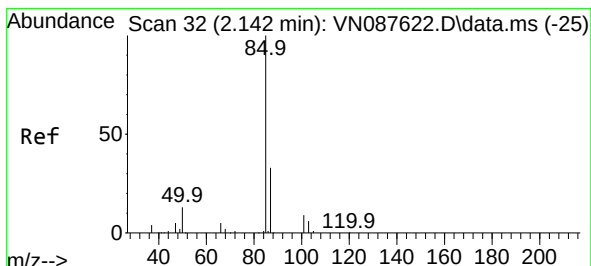
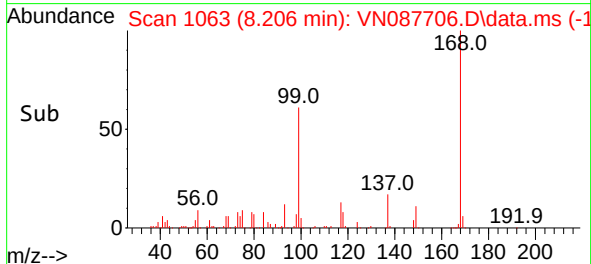
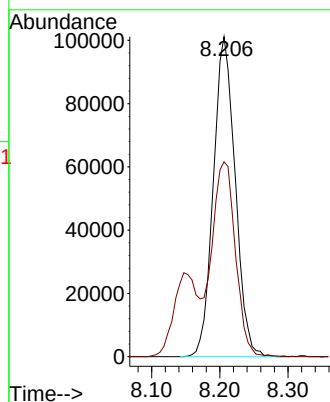
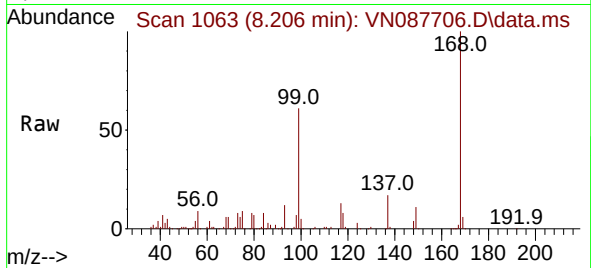
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087706.D
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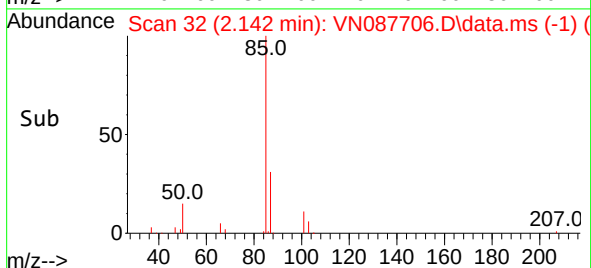
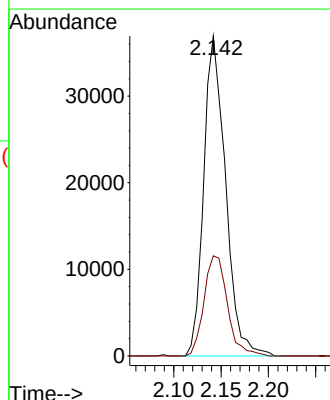
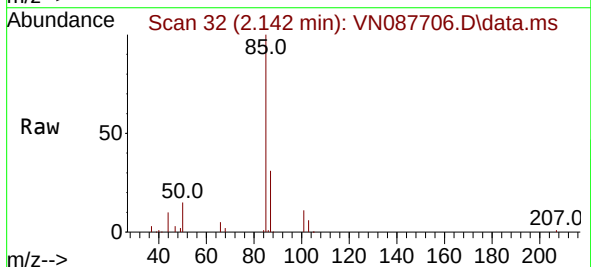
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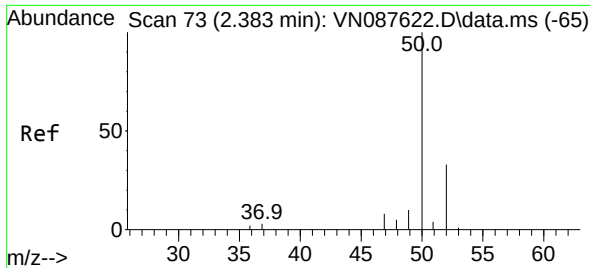
Tgt Ion:168 Resp: 225454
Ion Ratio Lower Upper
168 100
99 60.8 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.473 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 85 Resp: 59152
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.8

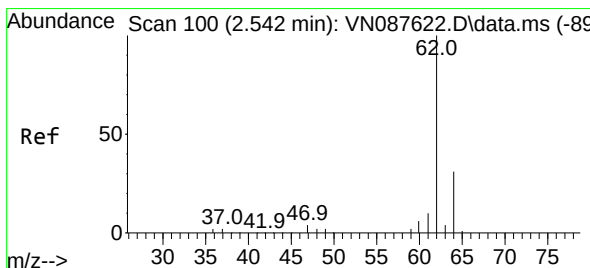
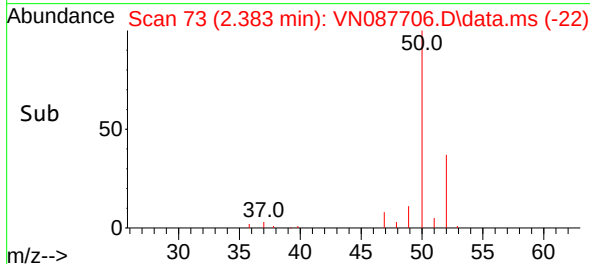
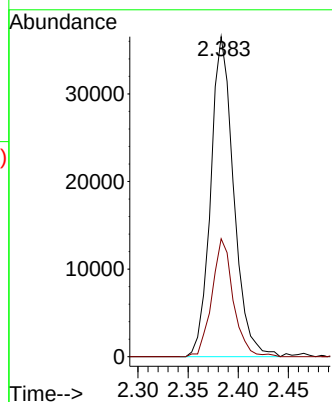
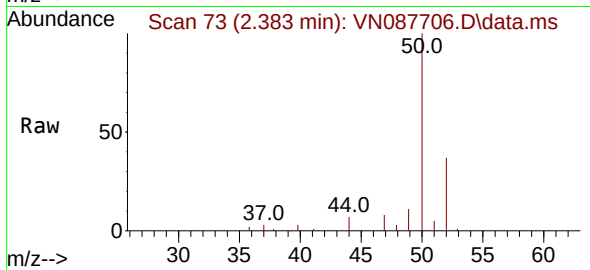




#3
Chloromethane
Concen: 17.749 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

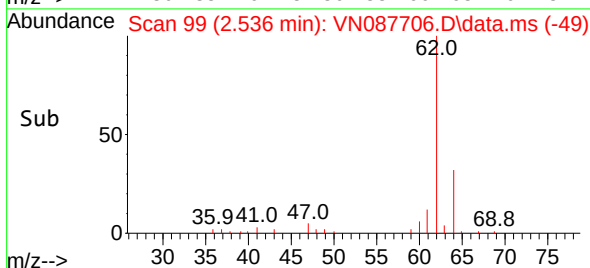
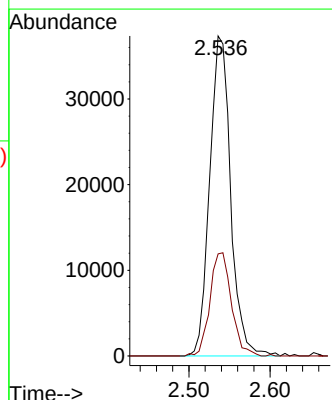
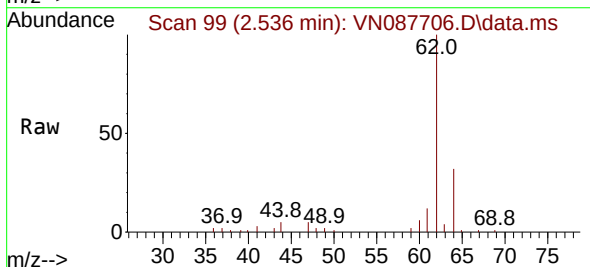
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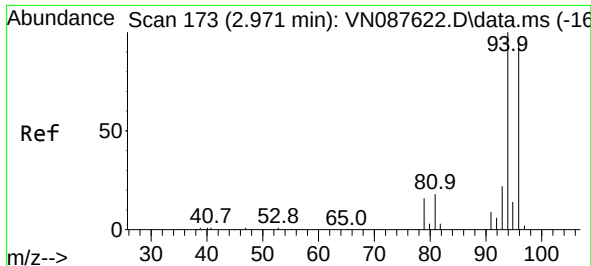
Tgt Ion: 50 Resp: 58405
Ion Ratio Lower Upper
50 100
52 36.8 26.2 39.4



#4
Vinyl Chloride
Concen: 17.546 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 62 Resp: 66946
Ion Ratio Lower Upper
62 100
64 31.9 24.6 37.0

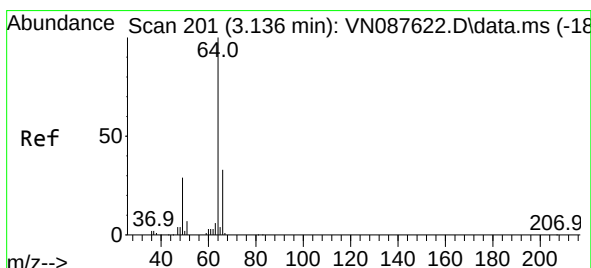
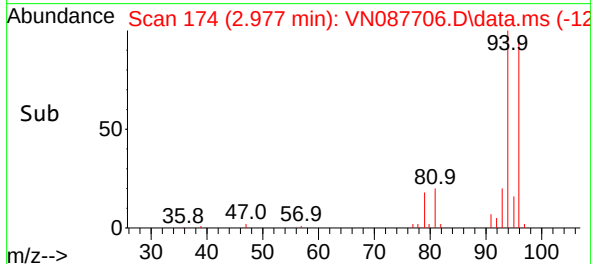
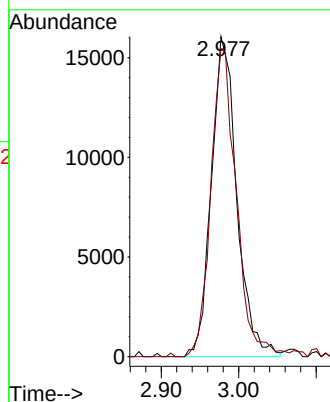
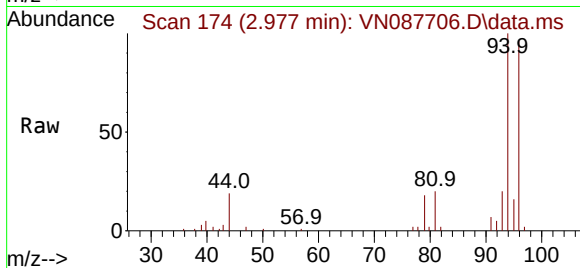




#5
Bromomethane
Concen: 18.597 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

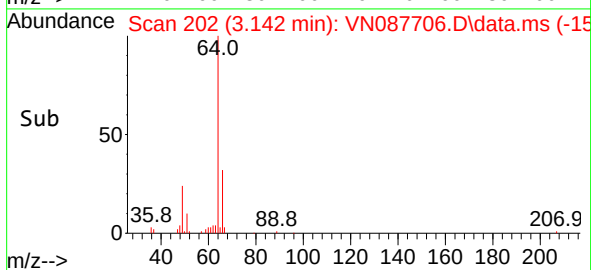
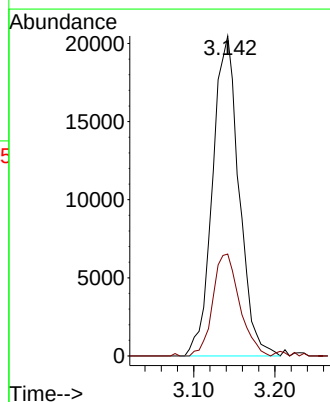
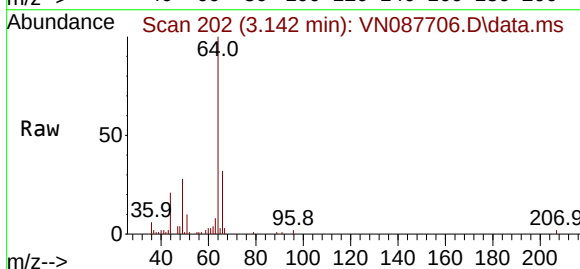
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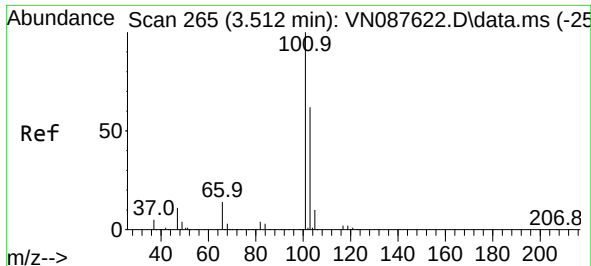
Tgt Ion: 94 Resp: 36613
Ion Ratio Lower Upper
94 100
96 96.3 75.4 113.2



#6
Chloroethane
Concen: 17.332 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 64 Resp: 46479
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2

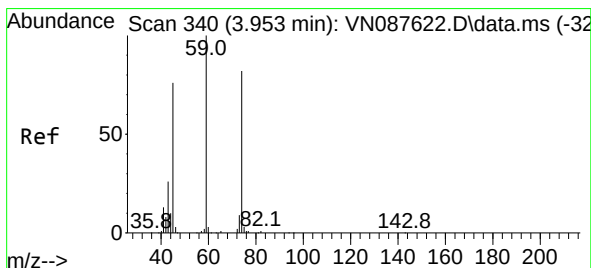
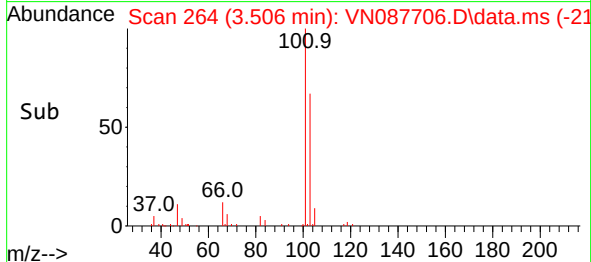
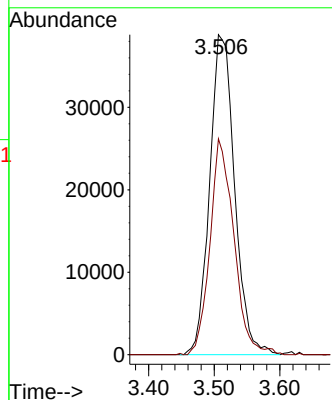
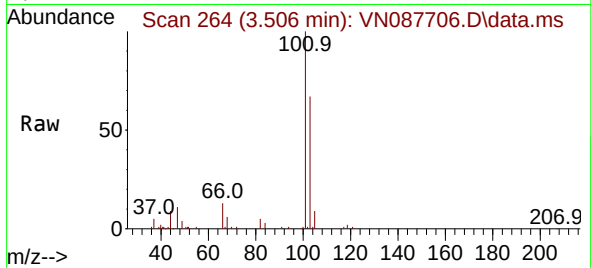




#7
 Trichlorofluoromethane
 Concen: 18.385 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087706.D
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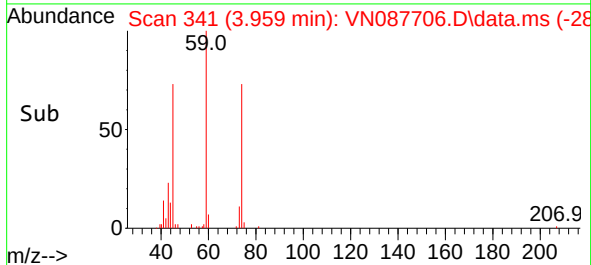
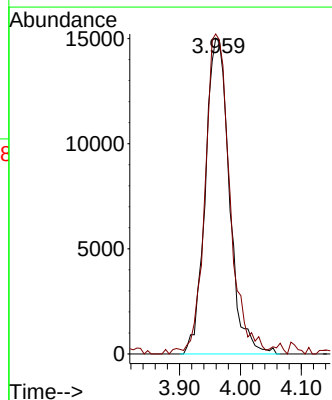
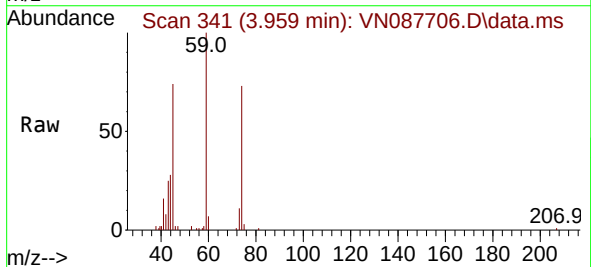
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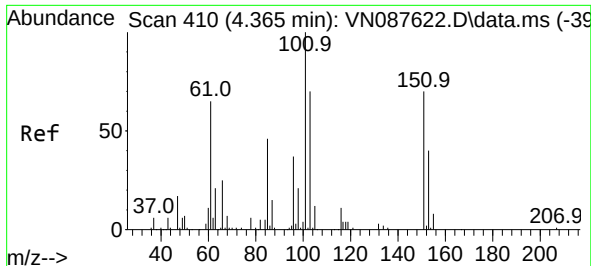
Tgt Ion:101 Resp: 102770
 Ion Ratio Lower Upper
 101 100
 103 67.1 49.4 74.0



#8
 Diethyl Ether
 Concen: 16.926 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion: 74 Resp: 41207
 Ion Ratio Lower Upper
 74 100
 45 104.6 50.6 151.9

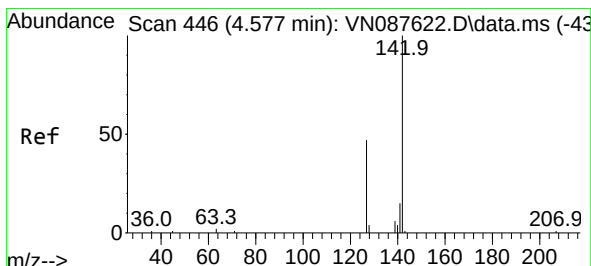
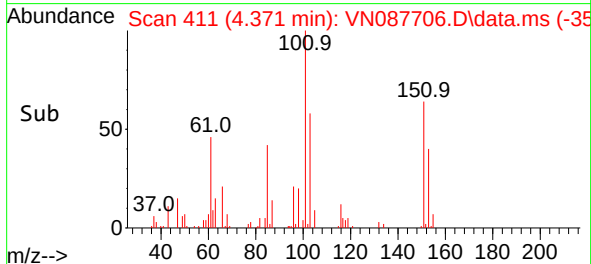
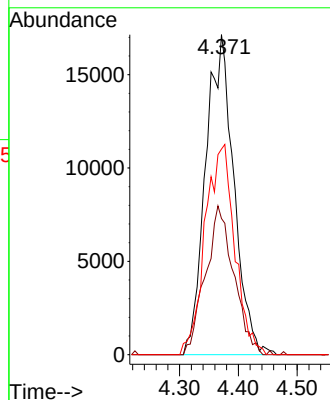
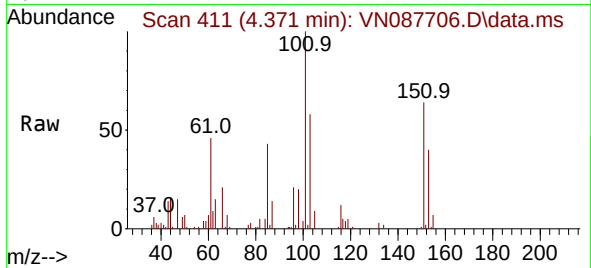




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.074 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087706.D
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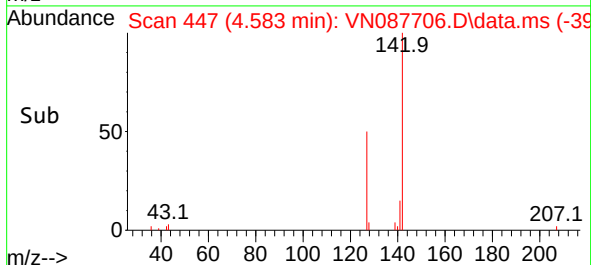
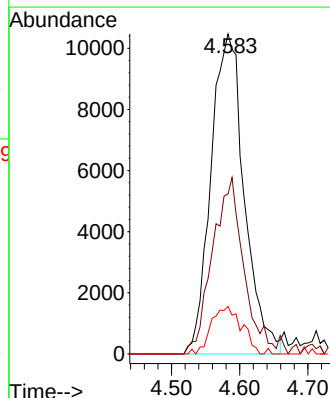
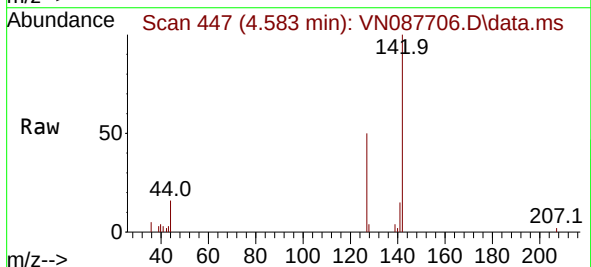
Instrument :
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ClientSampleId :
VN0902MBS01

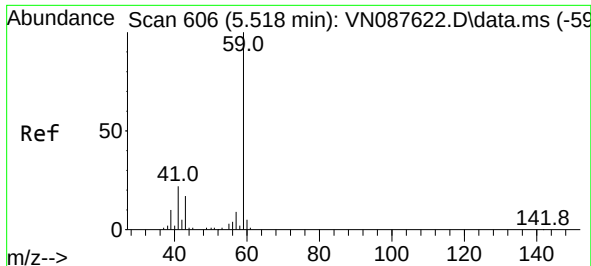
Tgt Ion:101 Resp: 57170
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 68.7 54.7 82.1



#10
Methyl Iodide
Concen: 19.862 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:142 Resp: 35718
Ion Ratio Lower Upper
142 100
127 50.0 38.0 57.0
141 14.8 12.0 18.0

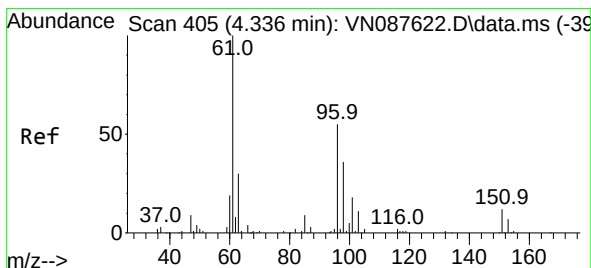
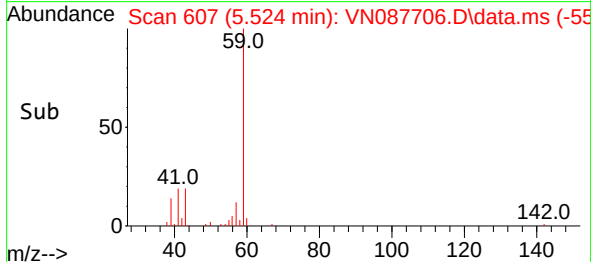
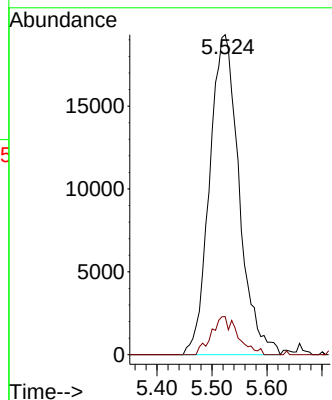
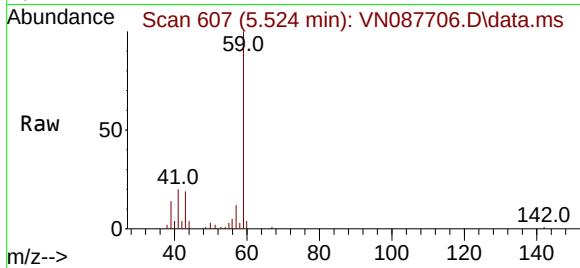




#11
Tert butyl alcohol
Concen: 89.779 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

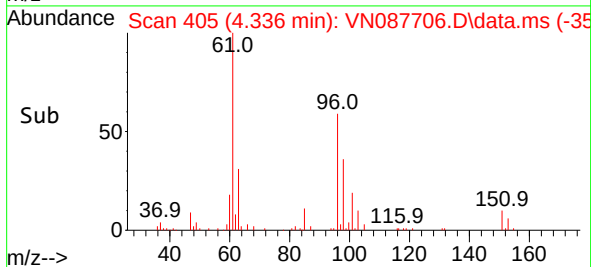
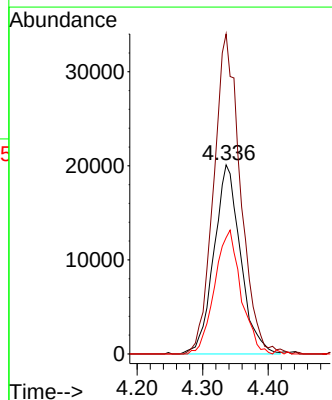
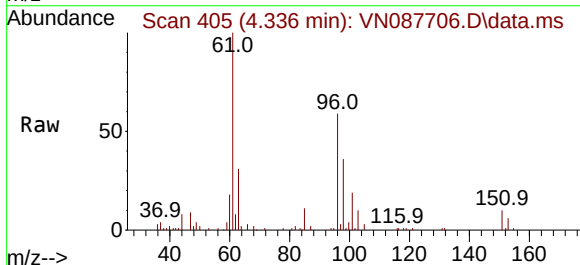
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

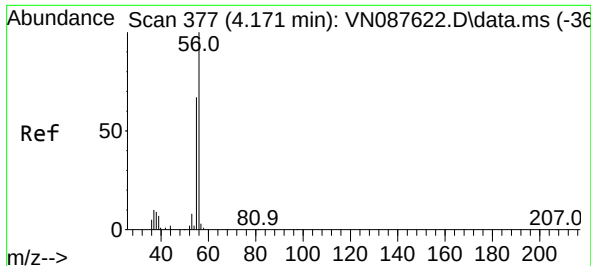
Tgt Ion: 59 Resp: 71996
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.403 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 96 Resp: 56567
Ion Ratio Lower Upper
96 100
61 169.2 143.8 215.8
98 61.5 52.1 78.1





#13

Acrolein

Concen: 51.892 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

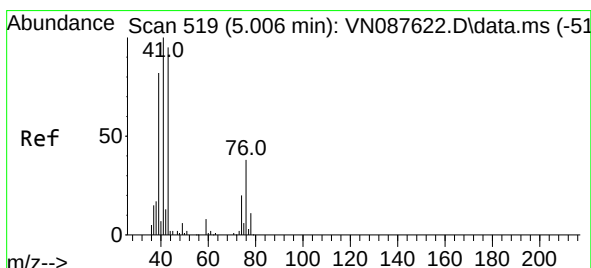
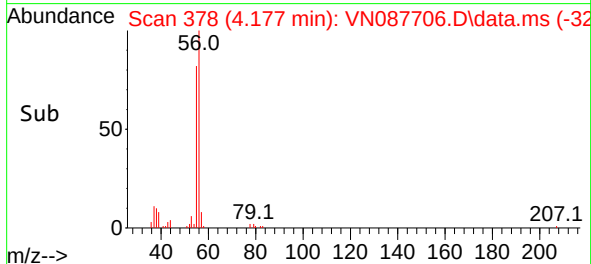
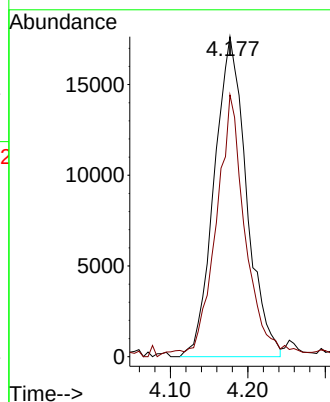
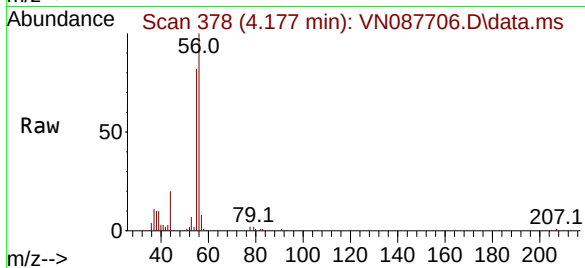
VN0902MBS01

Tgt Ion: 56 Resp: 51158

Ion Ratio Lower Upper

56 100

55 73.1 57.3 85.9



#14

Allyl chloride

Concen: 16.768 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

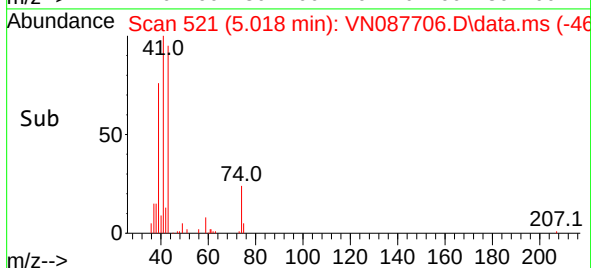
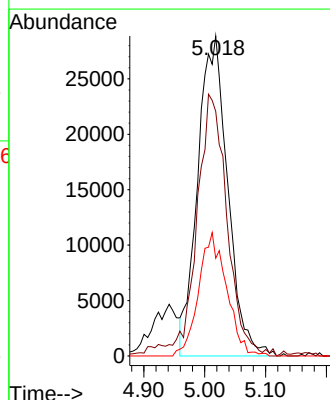
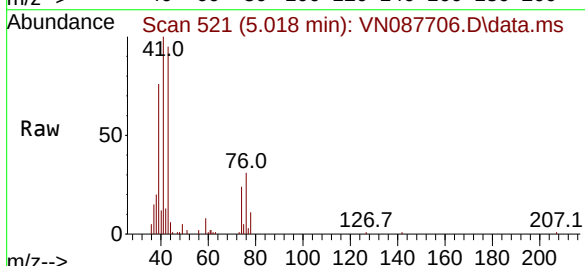
Tgt Ion: 41 Resp: 98767

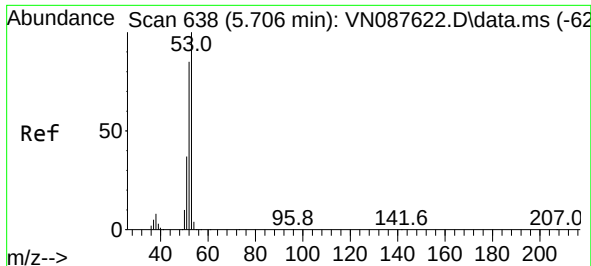
Ion Ratio Lower Upper

41 100

39 79.0 63.9 95.9

76 36.0 28.1 42.1

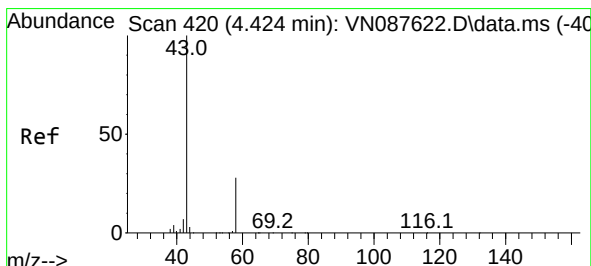
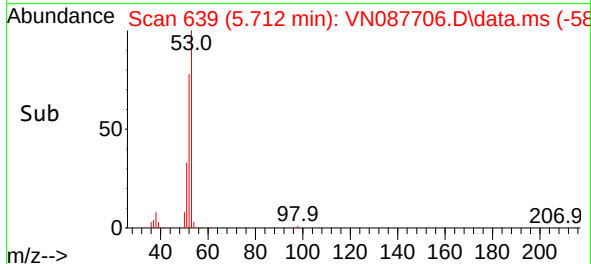
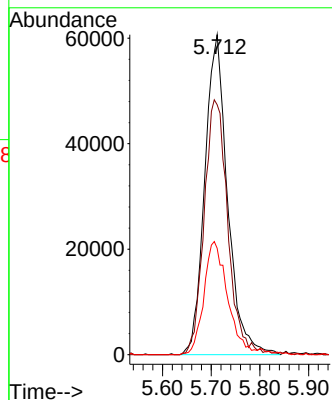
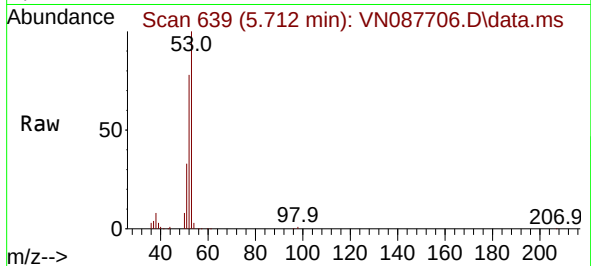




#15
Acrylonitrile
Concen: 87.215 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

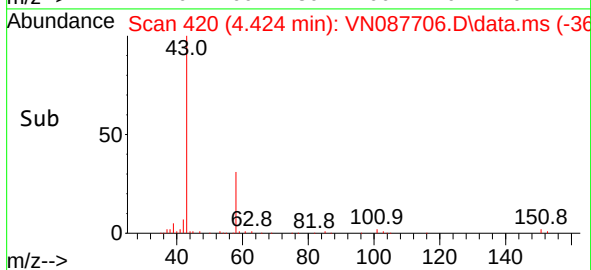
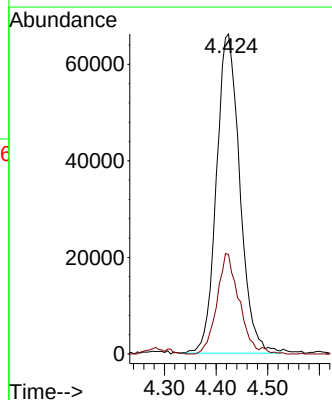
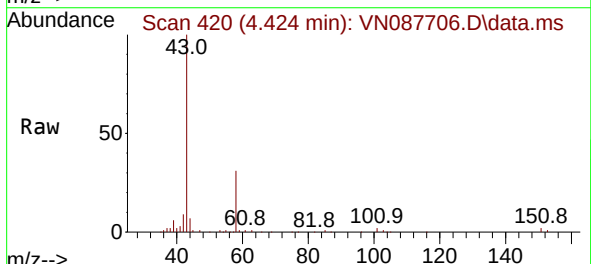
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

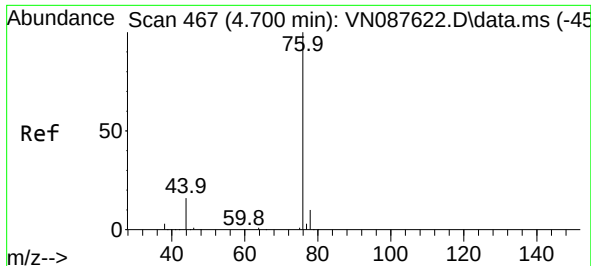
Tgt Ion: 53 Resp: 197247
Ion Ratio Lower Upper
53 100
52 82.5 67.6 101.4
51 36.8 30.1 45.1



#16
Acetone
Concen: 82.632 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 43 Resp: 207785
Ion Ratio Lower Upper
43 100
58 30.9 22.6 33.8

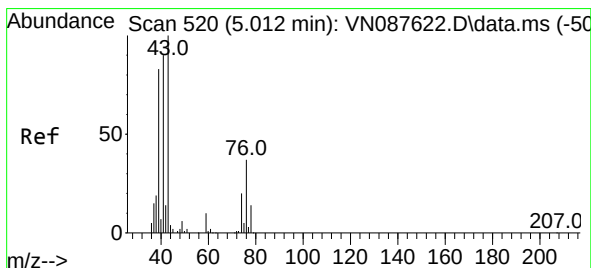
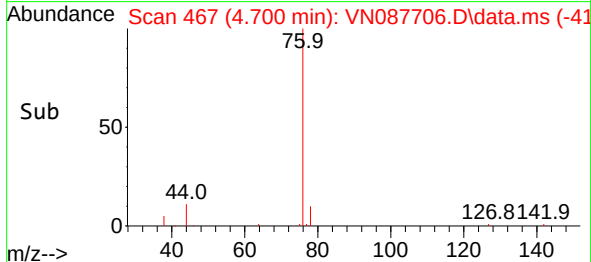
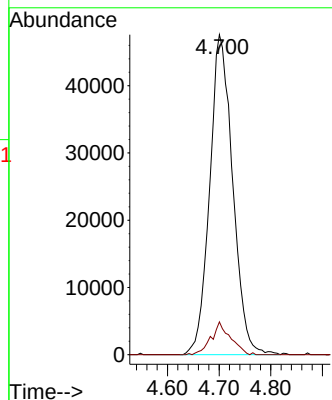
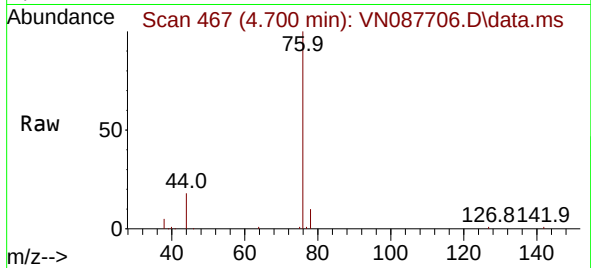




#17
Carbon Disulfide
Concen: 16.454 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

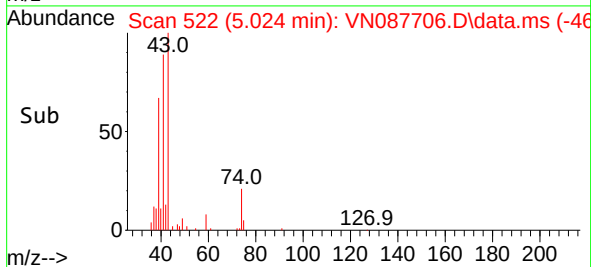
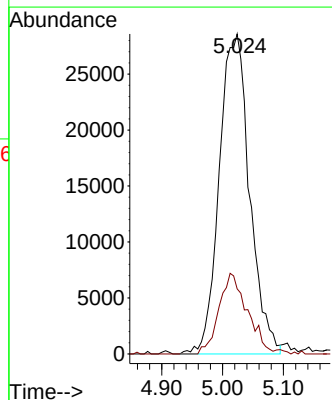
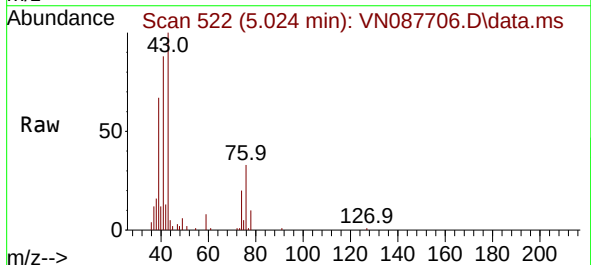
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

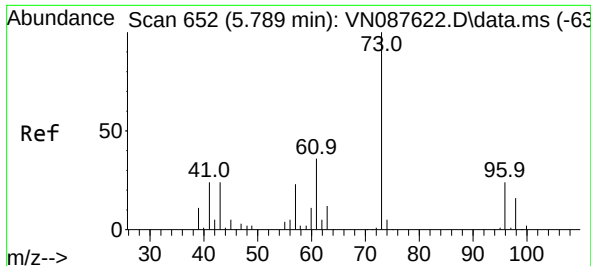
Tgt Ion: 76 Resp: 147237
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4



#18
Methyl Acetate
Concen: 18.773 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 43 Resp: 98842
Ion Ratio Lower Upper
43 100
74 23.5 17.6 26.4

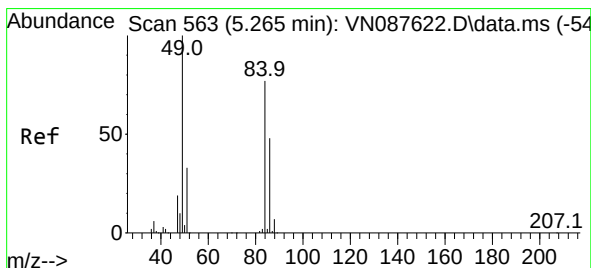
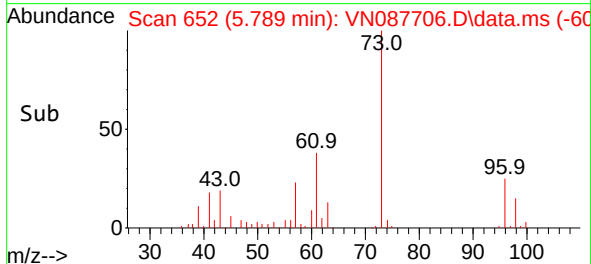
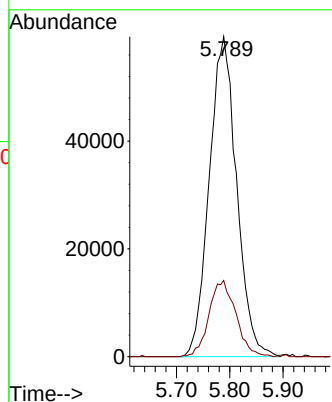
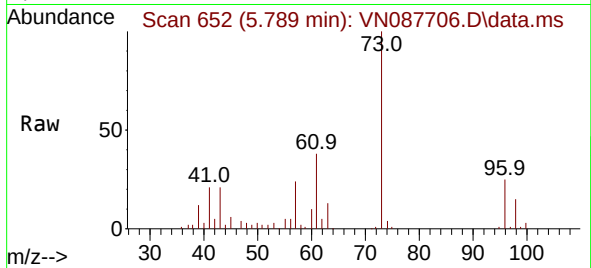




#19
Methyl tert-butyl Ether
Concen: 17.377 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

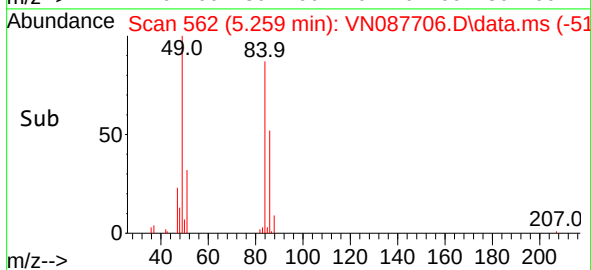
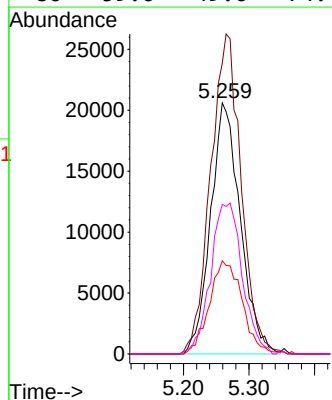
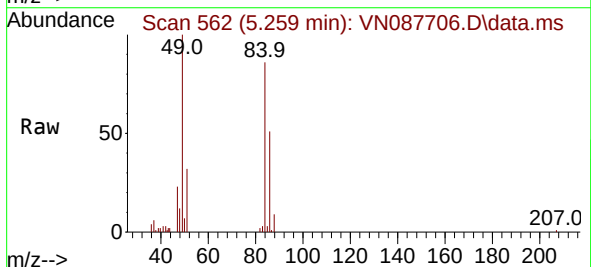
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

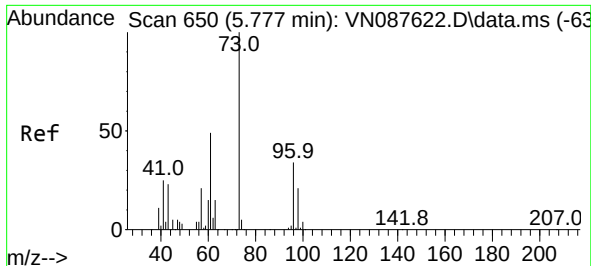
Tgt Ion: 73 Resp: 211897
Ion Ratio Lower Upper
73 100
57 23.8 18.4 27.6



#20
Methylene Chloride
Concen: 16.987 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 84 Resp: 64767
Ion Ratio Lower Upper
84 100
49 115.8 103.4 155.2
51 37.1 33.8 50.8
86 59.6 49.6 74.4

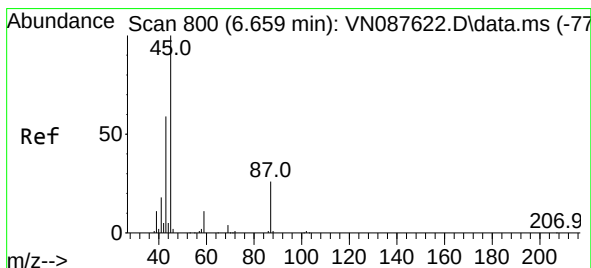
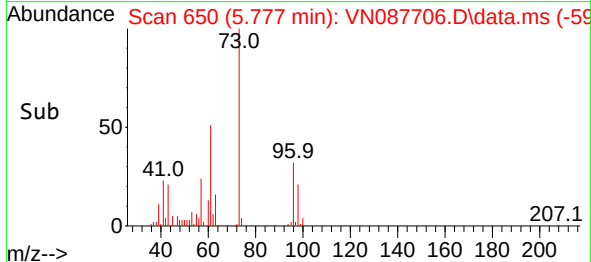
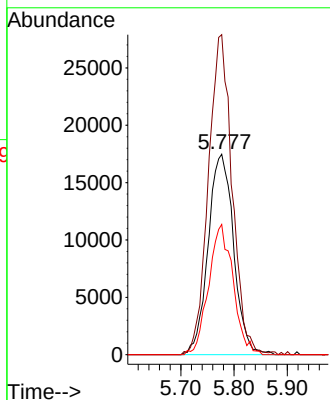
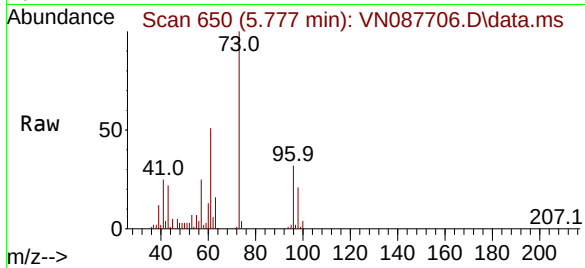




#21
trans-1,2-Dichloroethene
Concen: 16.505 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

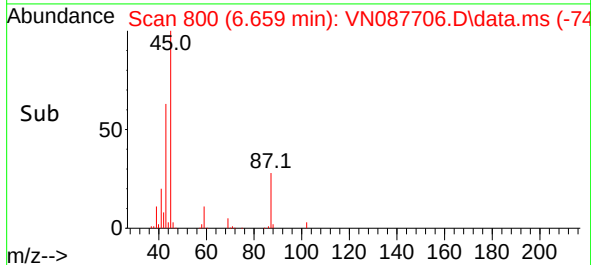
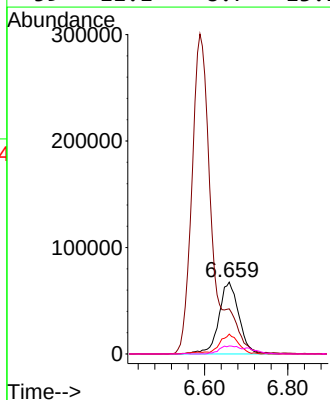
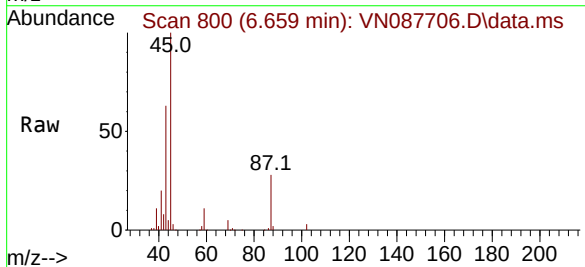
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

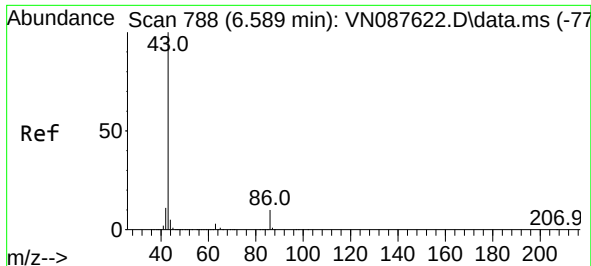
Tgt Ion: 96 Resp: 58143
Ion Ratio Lower Upper
96 100
61 159.6 118.0 177.0
98 65.0 50.0 75.0



#22
Diisopropyl ether
Concen: 17.681 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 45 Resp: 224754
Ion Ratio Lower Upper
45 100
43 61.5 47.7 71.5
87 27.6 21.4 32.0
59 11.1 8.7 13.1

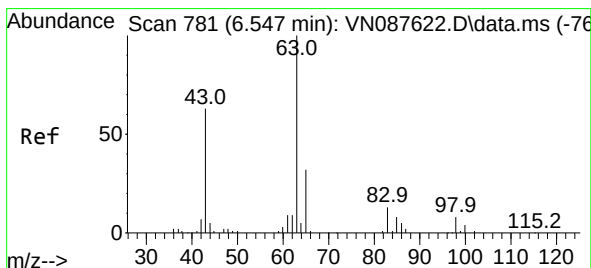
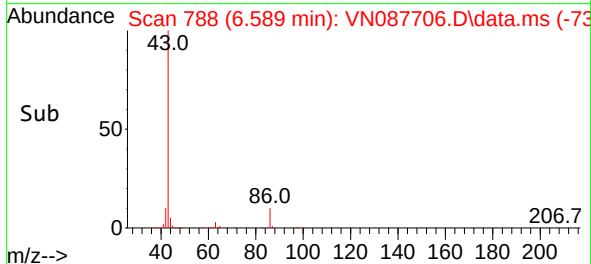
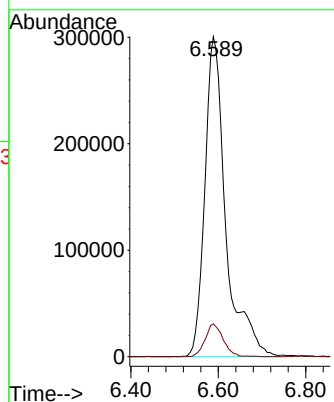
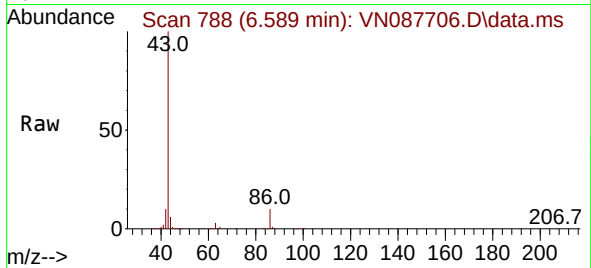




#23
 Vinyl Acetate
 Concen: 86.576 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

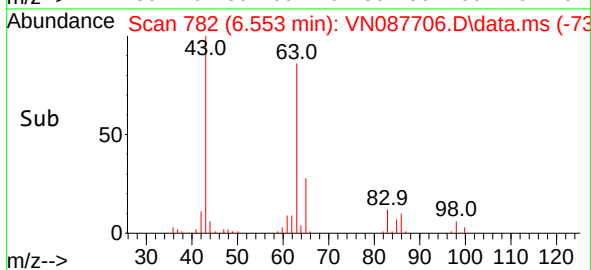
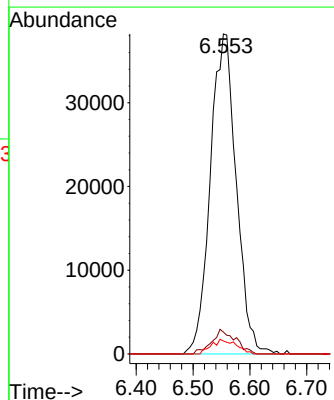
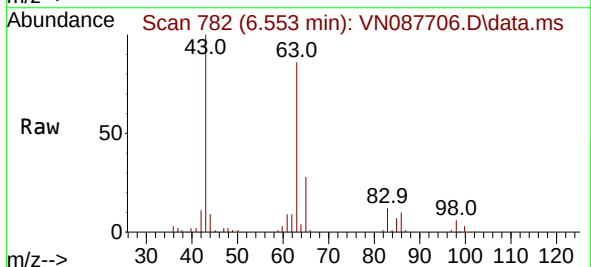
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

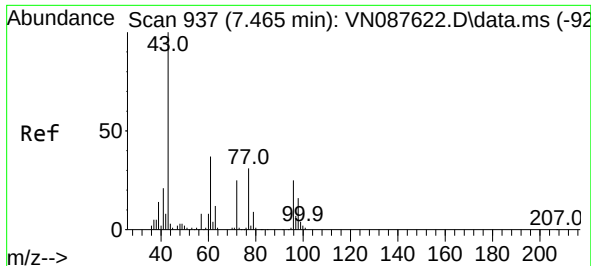
Tgt Ion: 43 Resp: 1001230
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.388 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion: 63 Resp: 121188
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.1 2.0 6.0

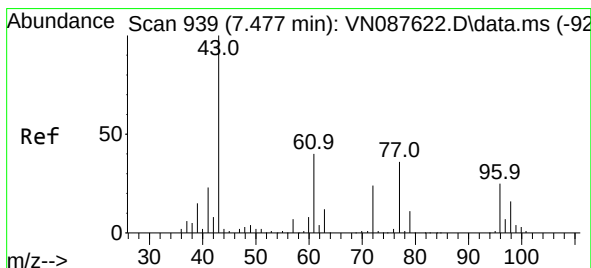
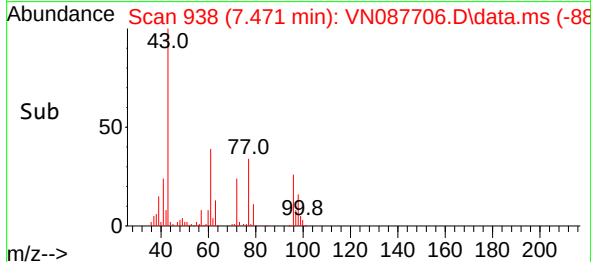
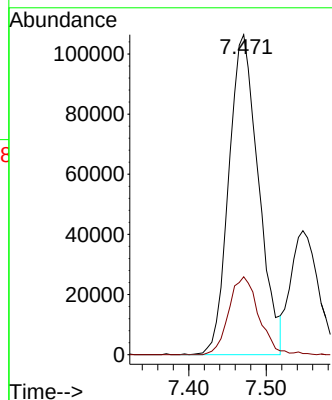
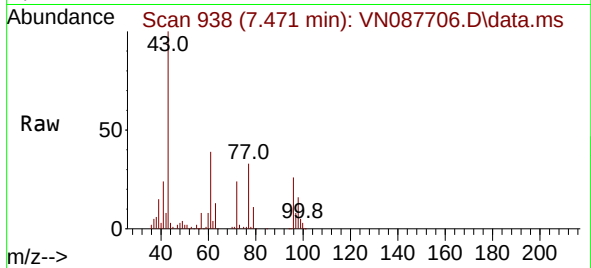




#25
2-Butanone
Concen: 85.791 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

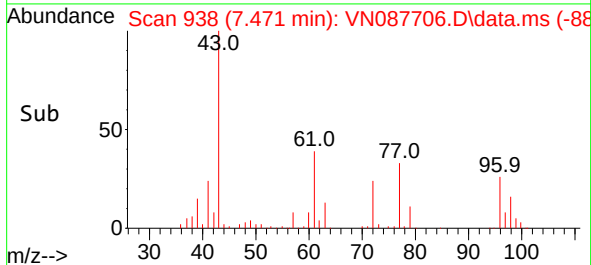
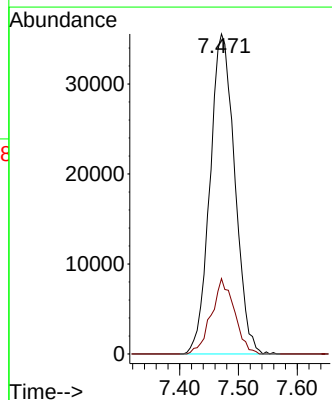
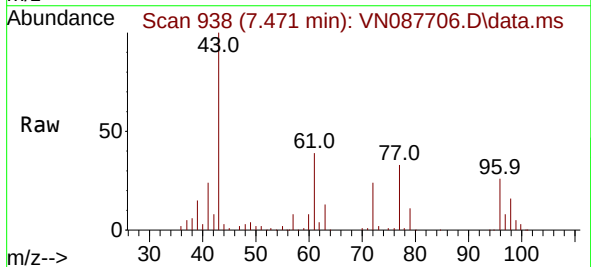
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

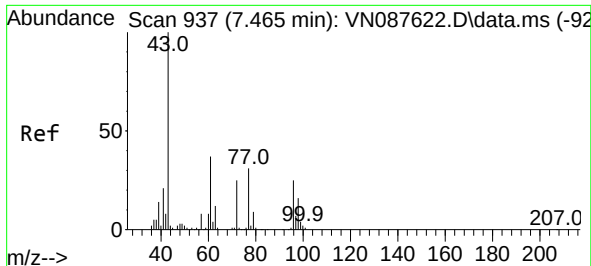
Tgt Ion: 43 Resp: 283819
Ion Ratio Lower Upper
43 100
72 24.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.400 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 77 Resp: 104080
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7

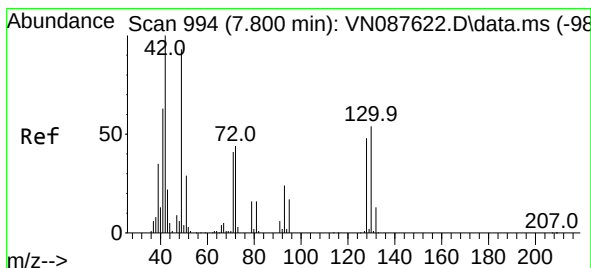
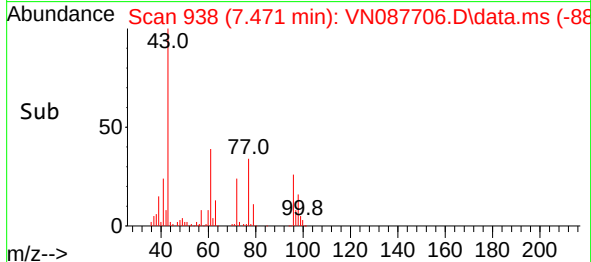
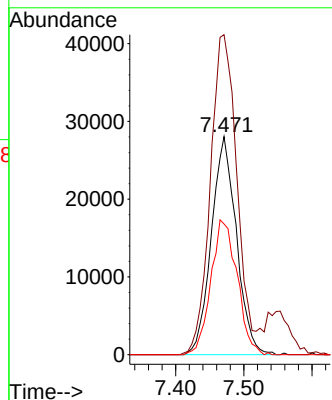
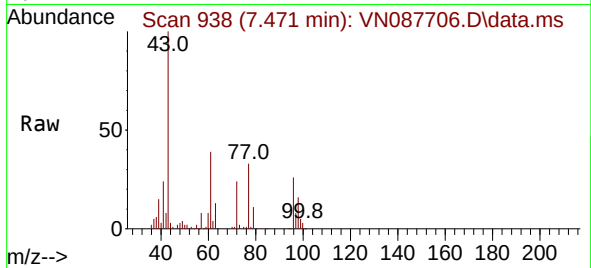




#27
 cis-1,2-Dichloroethene
 Concen: 17.056 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

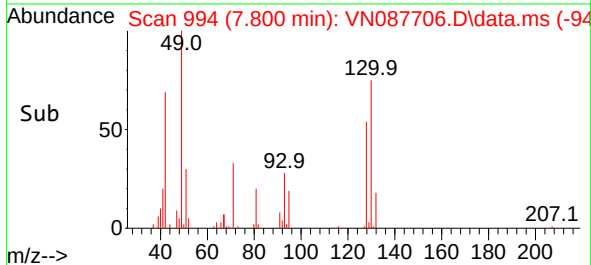
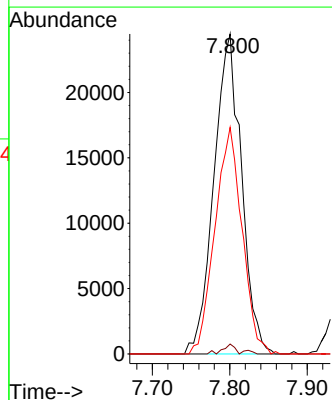
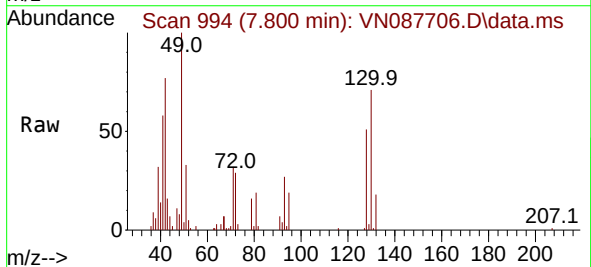
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

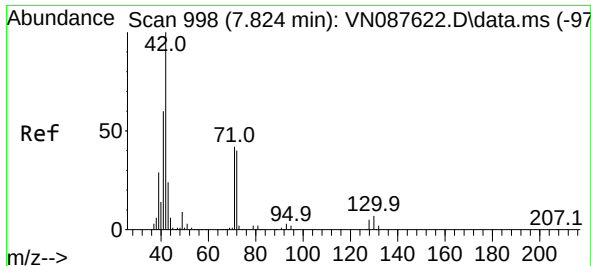
Tgt Ion: 96 Resp: 71832
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 301.8
 98 64.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 17.933 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion: 49 Resp: 60422
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 69.9 53.1 79.7

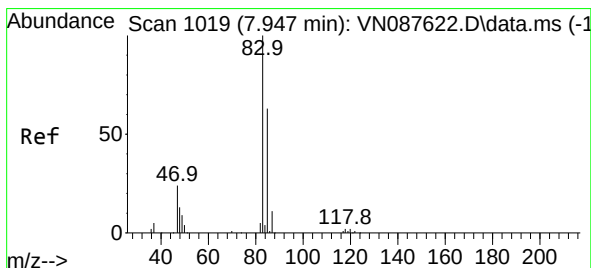
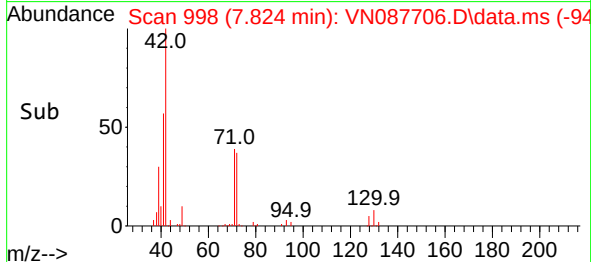
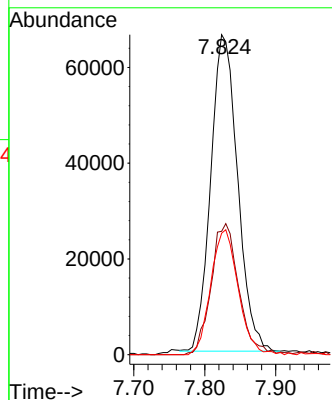
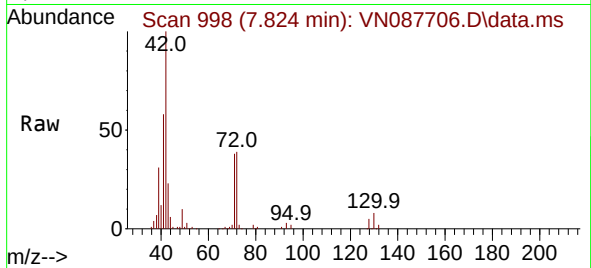




#29
Tetrahydrofuran
Concen: 81.650 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

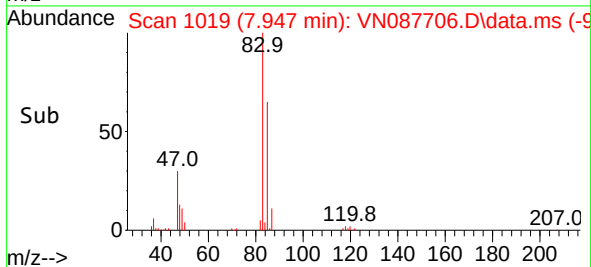
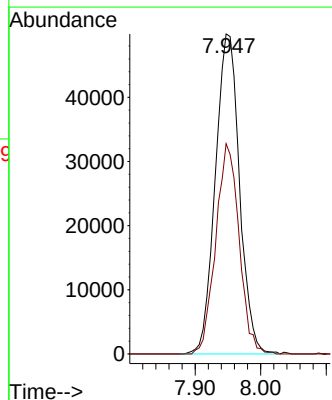
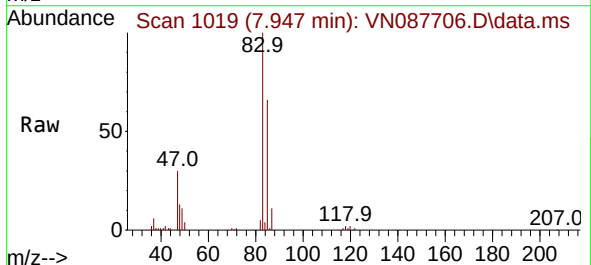
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

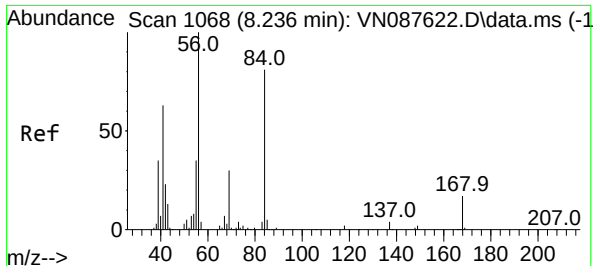
Tgt Ion: 42 Resp: 173837
Ion Ratio Lower Upper
42 100
72 42.6 33.7 50.5
71 40.3 31.9 47.9



#30
Chloroform
Concen: 17.934 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 83 Resp: 127575
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1

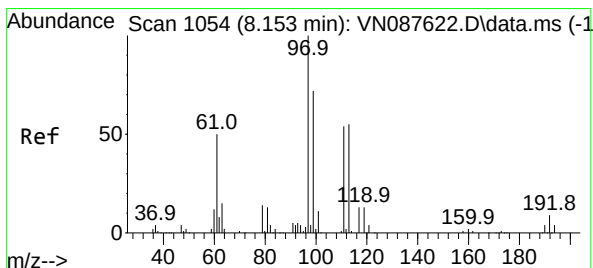
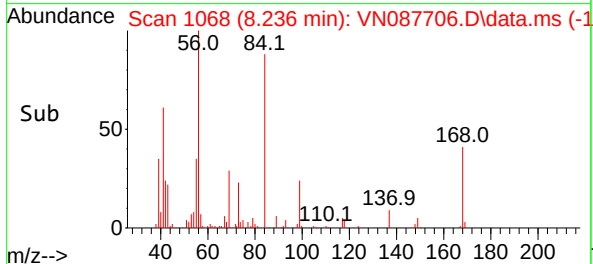
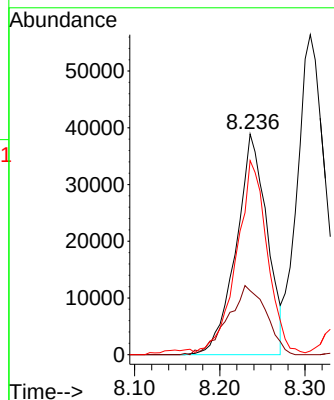
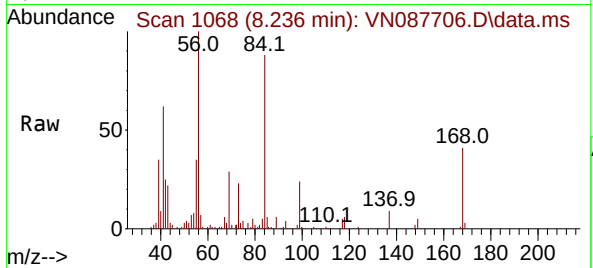




#31
Cyclohexane
Concen: 16.824 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

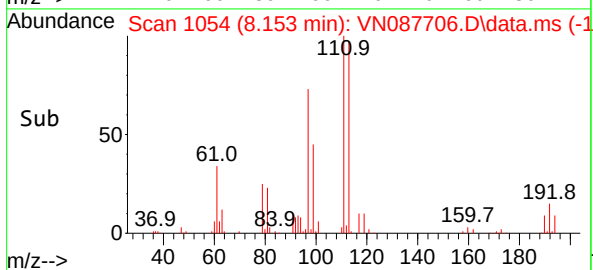
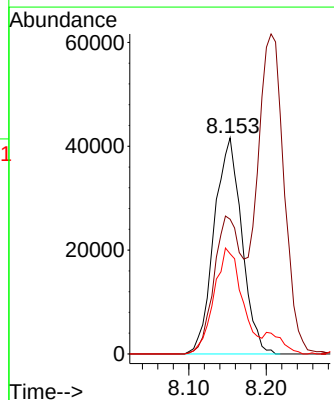
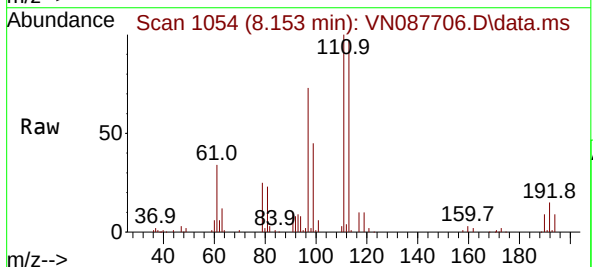
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

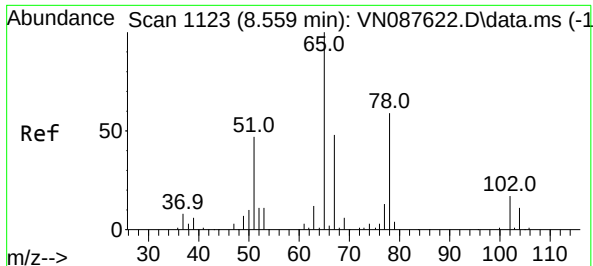
Tgt Ion: 56 Resp: 97748
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 86.2 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 17.140 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 97 Resp: 103329
Ion Ratio Lower Upper
97 100
99 61.6 52.2 78.2
61 50.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.876 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

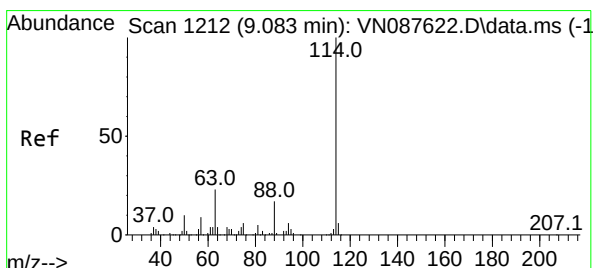
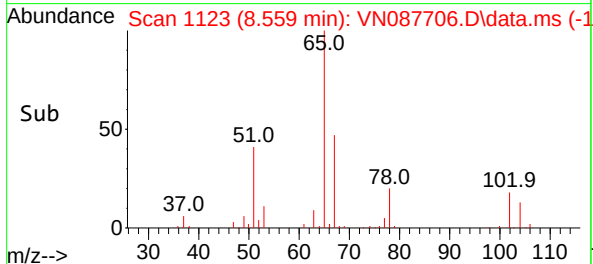
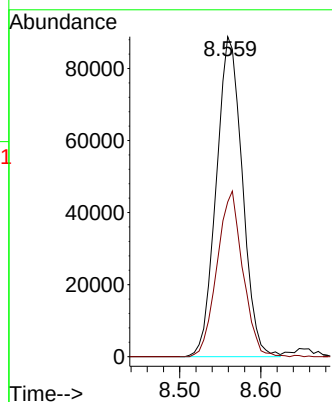
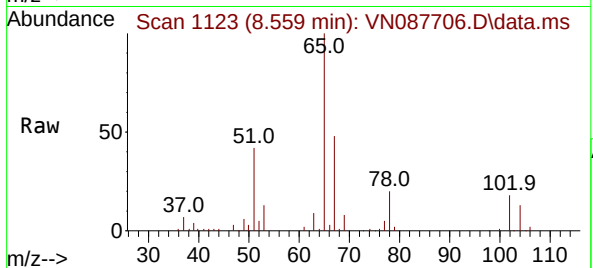
VN0902MBS01

Tgt Ion: 65 Resp: 198059

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

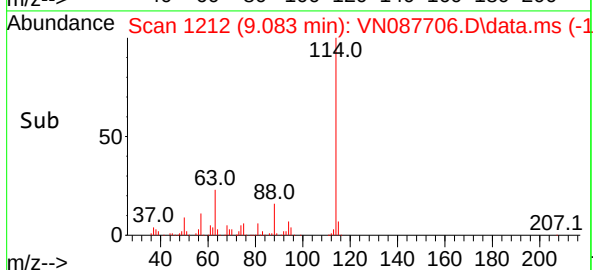
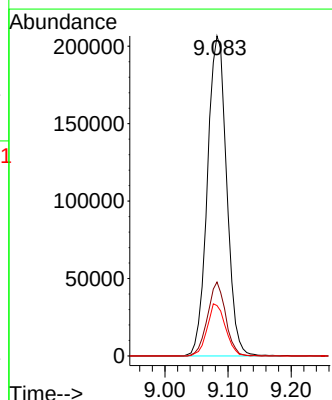
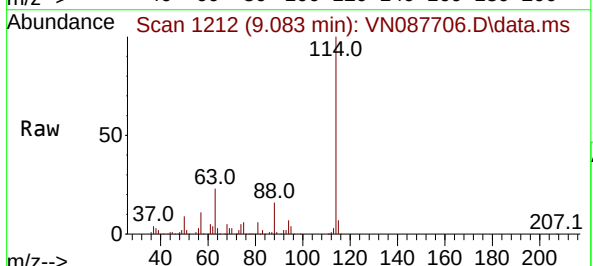
Tgt Ion: 114 Resp: 437348

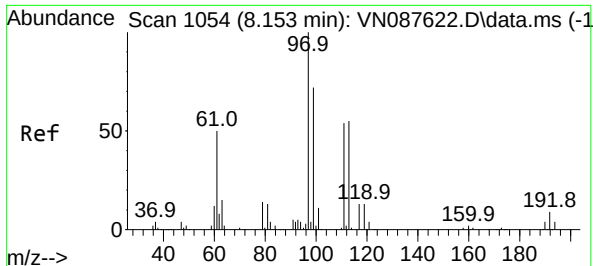
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 43.819 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087706.D

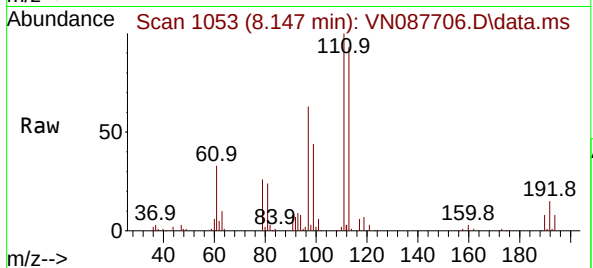
Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01



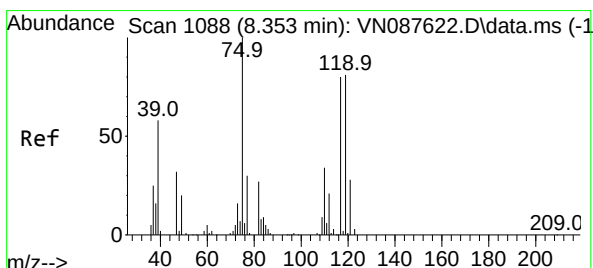
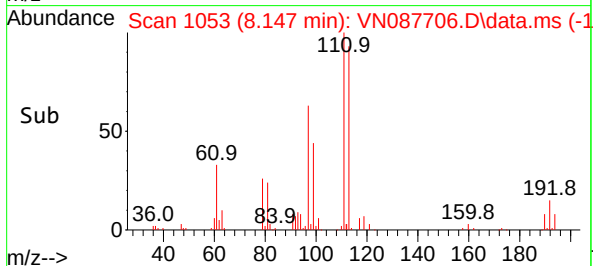
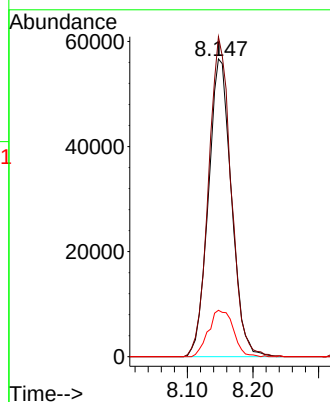
Tgt Ion:113 Resp: 138365

Ion Ratio Lower Upper

113 100

111 105.2 82.8 124.2

192 16.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 16.447 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

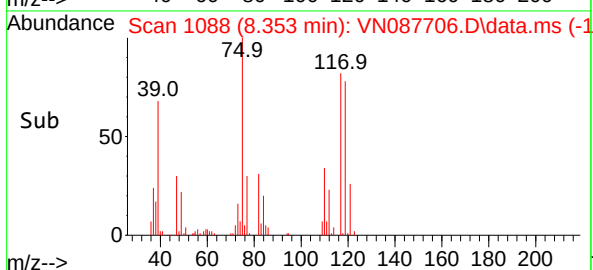
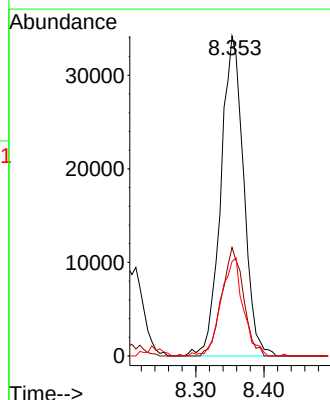
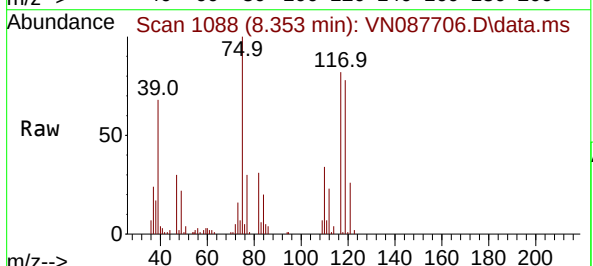
Tgt Ion: 75 Resp: 79673

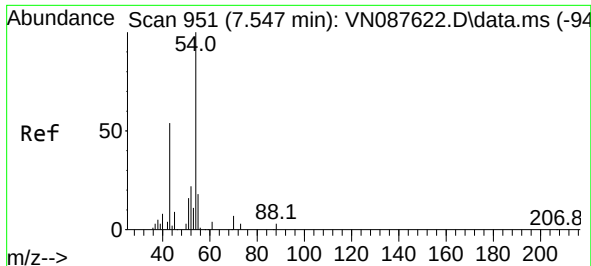
Ion Ratio Lower Upper

75 100

110 32.4 15.9 47.6

77 30.1 24.4 36.6

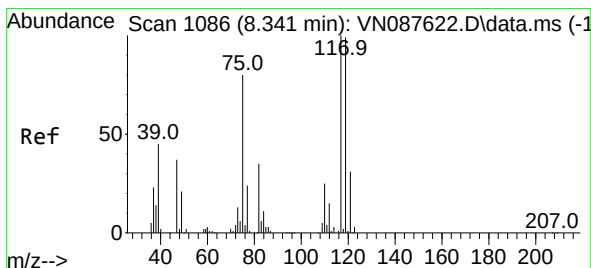
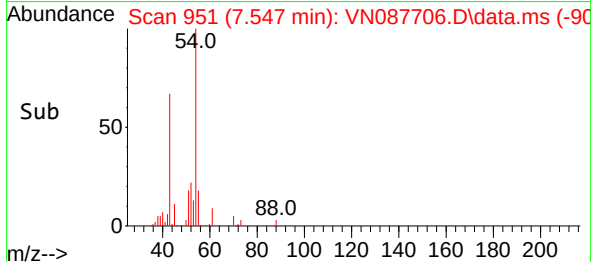
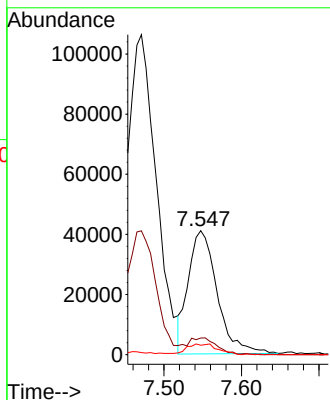
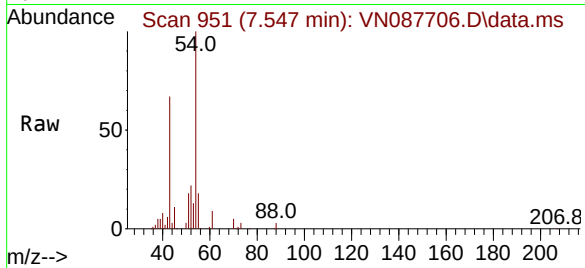




#37
Ethyl Acetate
Concen: 16.039 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

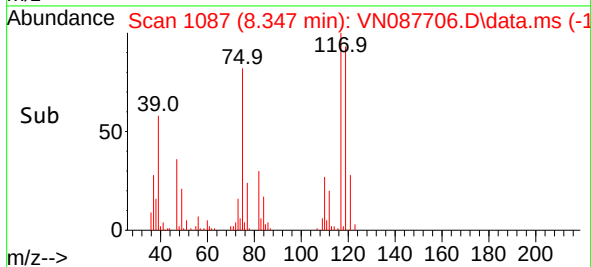
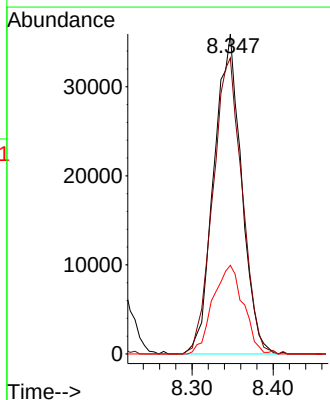
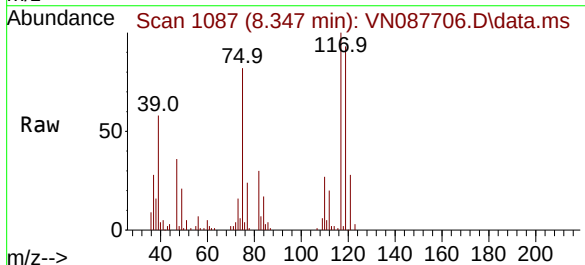
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

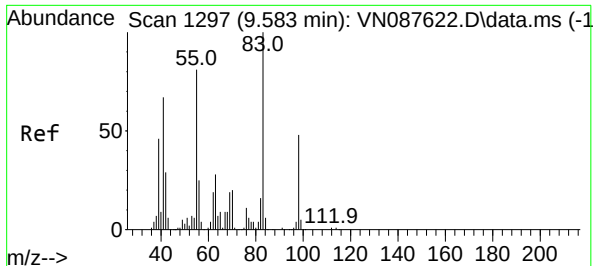
Tgt Ion: 43 Resp: 106168
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 17.682 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 117 Resp: 84571
Ion Ratio Lower Upper
117 100
119 92.5 79.0 118.6
121 27.7 25.0 37.6





#39

Methylcyclohexane

Concen: 15.924 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

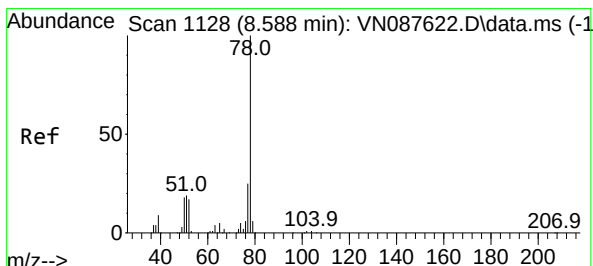
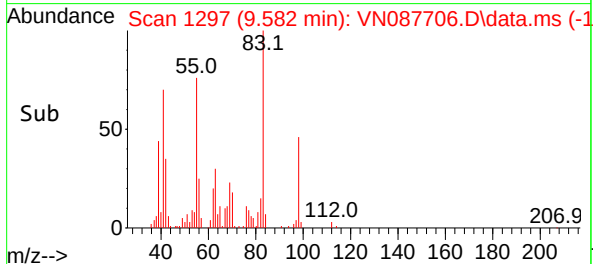
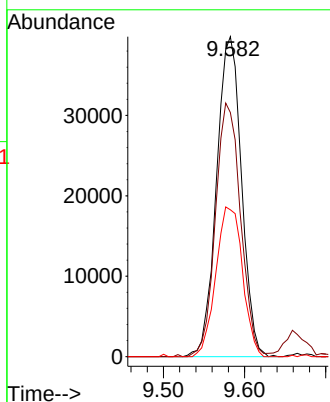
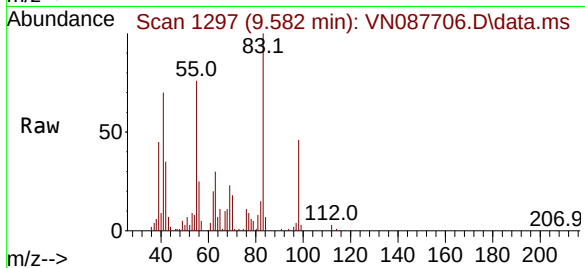
Tgt Ion: 83 Resp: 84928

Ion Ratio Lower Upper

83 100

55 75.6 64.6 96.8

98 45.9 38.4 57.6



#40

Benzene

Concen: 17.715 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087706.D

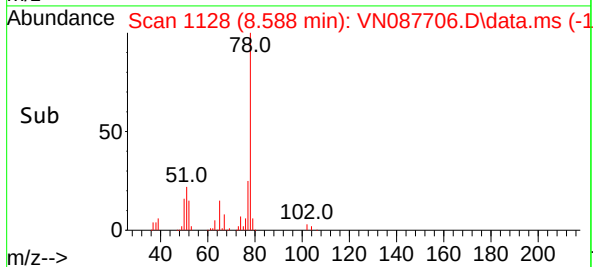
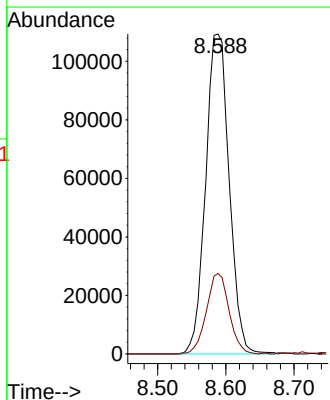
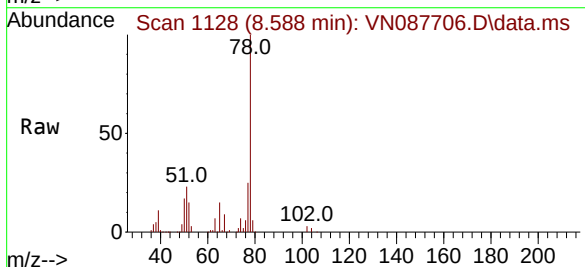
Acq: 02 Sep 2025 11:55

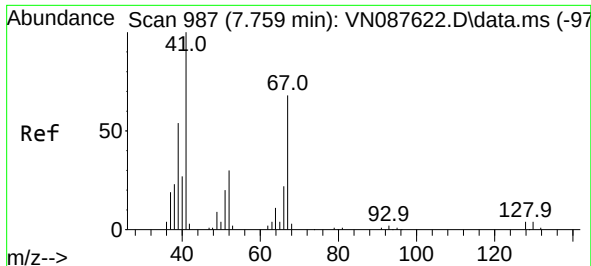
Tgt Ion: 78 Resp: 263211

Ion Ratio Lower Upper

78 100

77 25.2 19.7 29.5

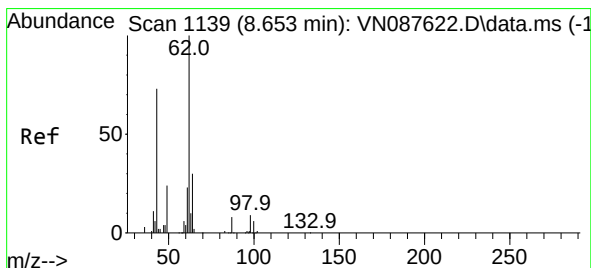
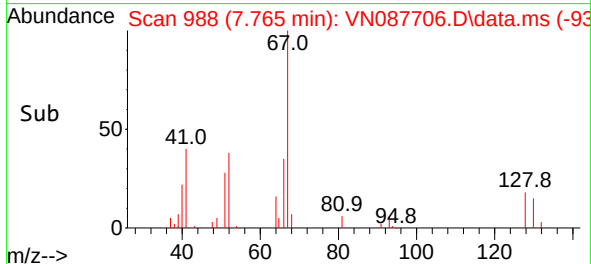
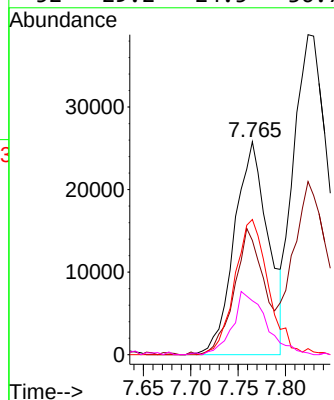
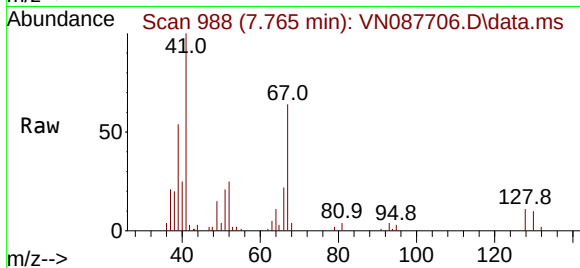




#41
Methacrylonitrile
Concen: 18.738 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

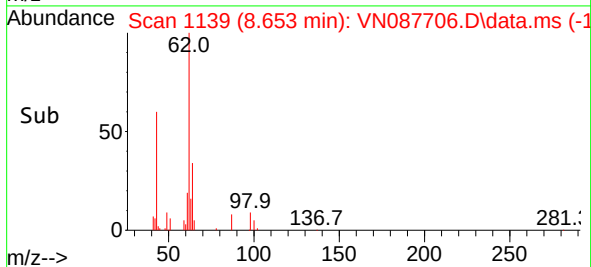
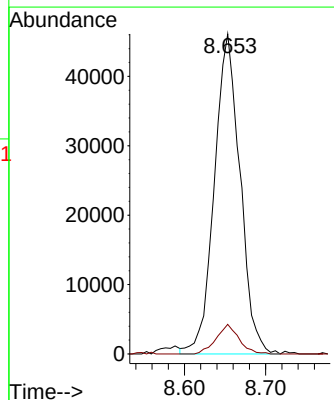
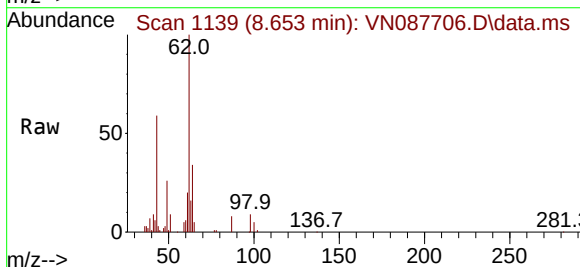
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

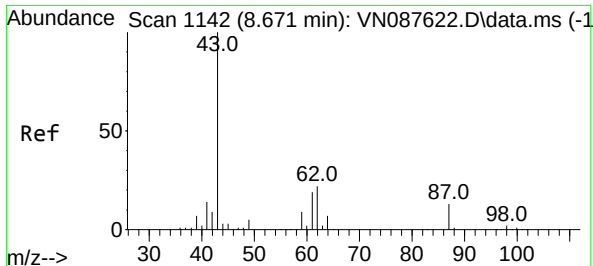
Tgt Ion:	41	Resp:	64251
Ion	Ratio	Lower	Upper
41	100		
39	51.9	45.4	68.0
67	63.3	55.3	82.9
52	29.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 17.775 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:	62	Resp:	101486
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.4

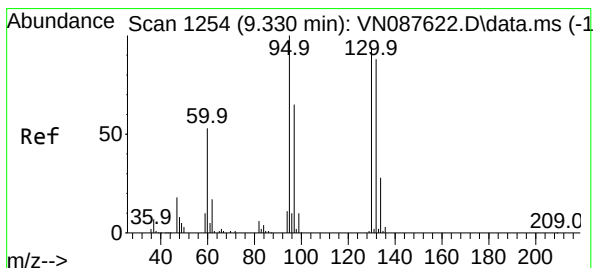
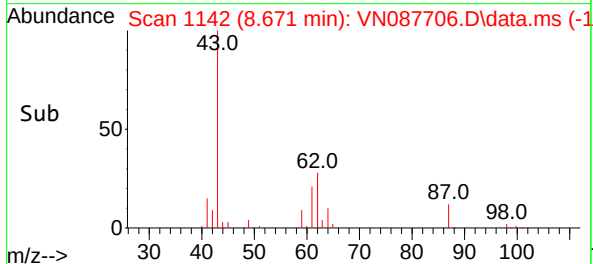
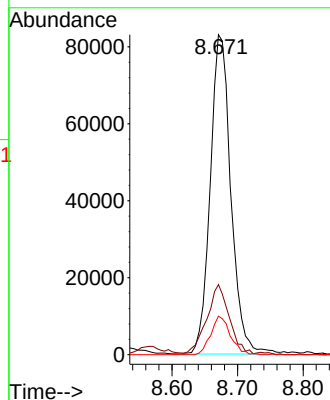
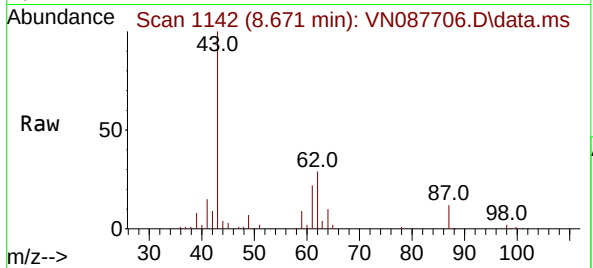




#43
Isopropyl Acetate
Concen: 17.615 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

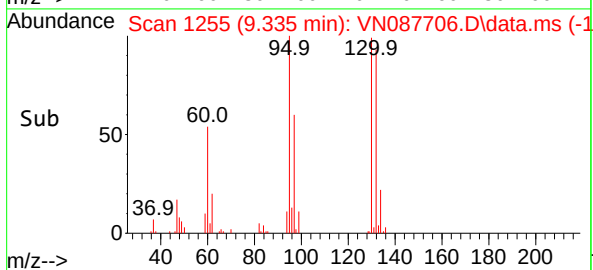
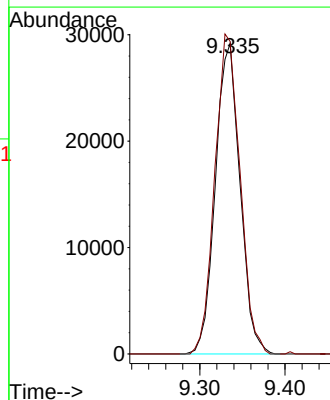
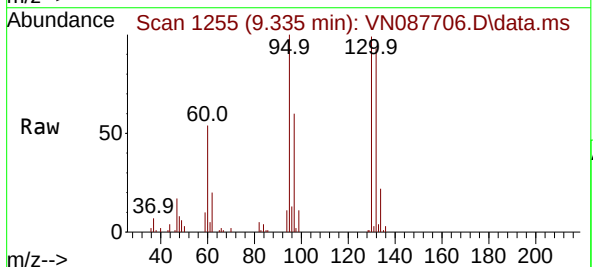
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

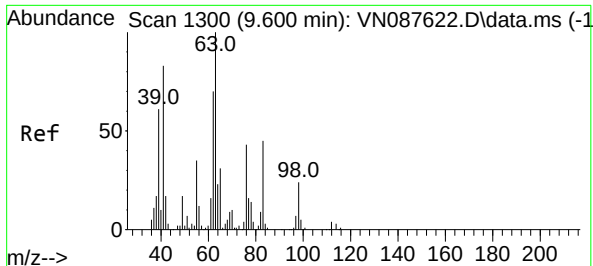
Tgt Ion: 43 Resp: 182050
Ion Ratio Lower Upper
43 100
61 24.1 18.8 28.2
87 11.4 9.6 14.4



#44
Trichloroethene
Concen: 17.247 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:130 Resp: 58506
Ion Ratio Lower Upper
130 100
95 100.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 16.662 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

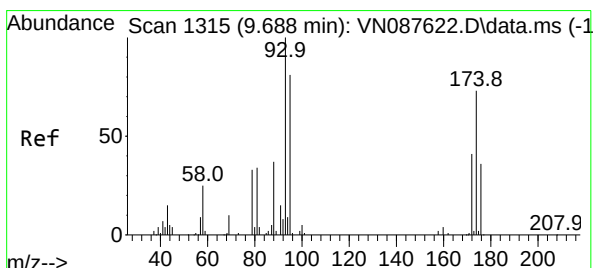
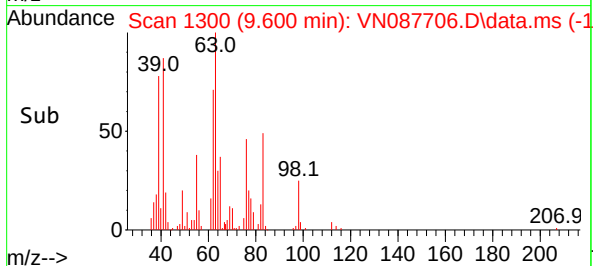
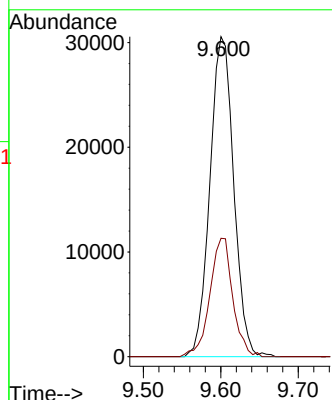
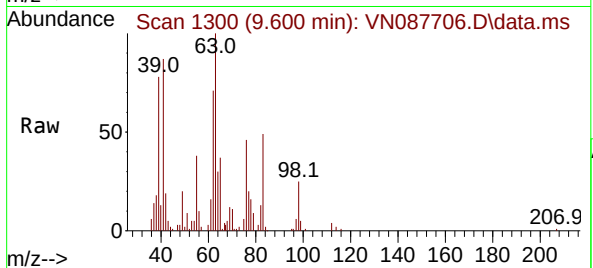
VN0902MBS01

Tgt Ion: 63 Resp: 65254

Ion Ratio Lower Upper

63 100

65 37.0 25.0 37.4



#46

Dibromomethane

Concen: 17.811 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

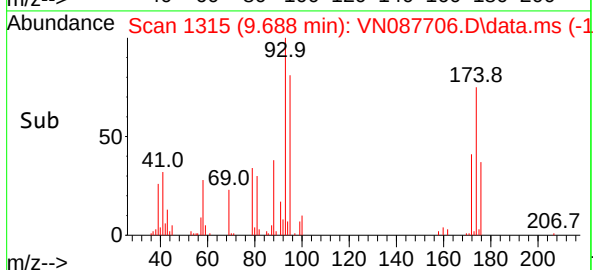
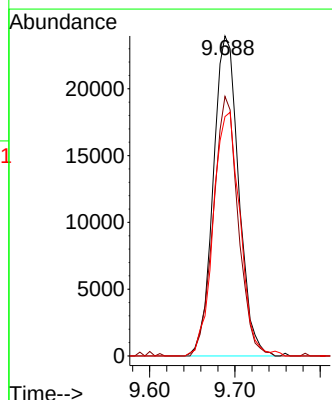
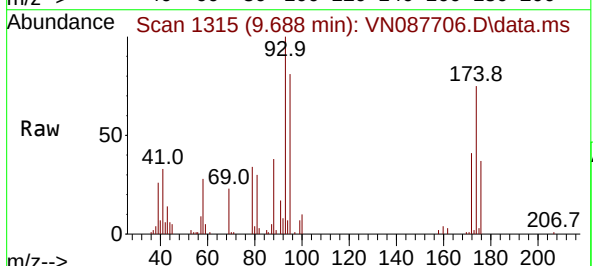
Tgt Ion: 93 Resp: 49640

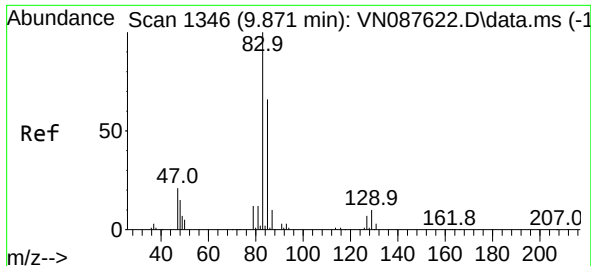
Ion Ratio Lower Upper

93 100

95 79.1 66.2 99.4

174 80.3 63.4 95.2

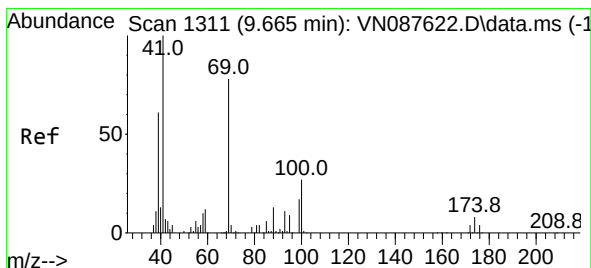
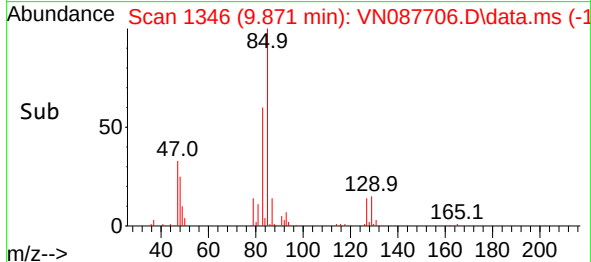
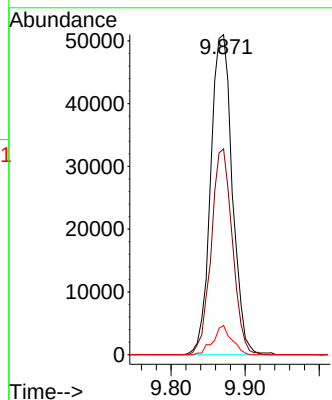
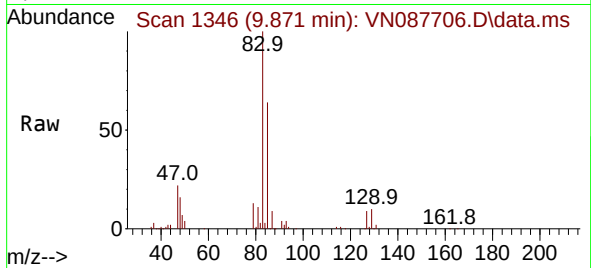




#47
Bromodichloromethane
Concen: 18.114 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

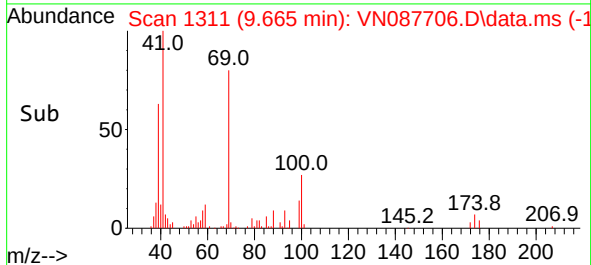
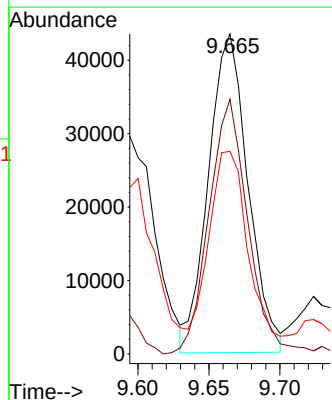
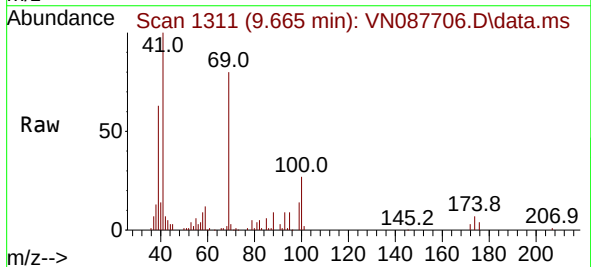
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

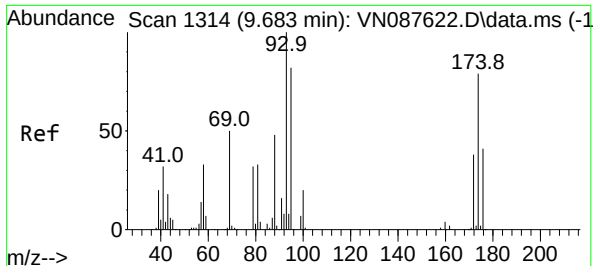
Tgt Ion: 83 Resp: 103461
Ion Ratio Lower Upper
83 100
85 64.3 52.5 78.7
127 9.2 5.8 8.6#



#48
Methyl methacrylate
Concen: 17.227 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 41 Resp: 84215
Ion Ratio Lower Upper
41 100
69 78.5 62.7 94.1
39 63.0 52.9 79.3





#49

1,4-Dioxane

Concen: 340.685 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

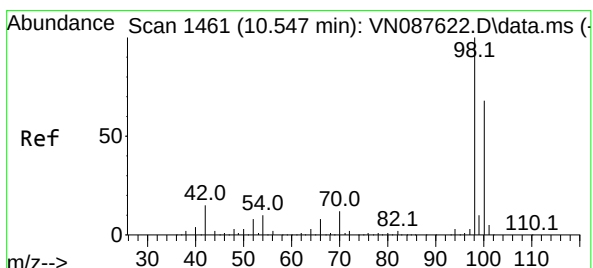
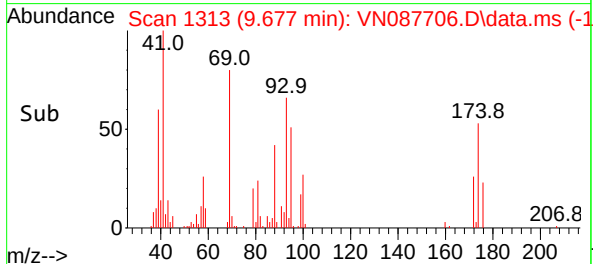
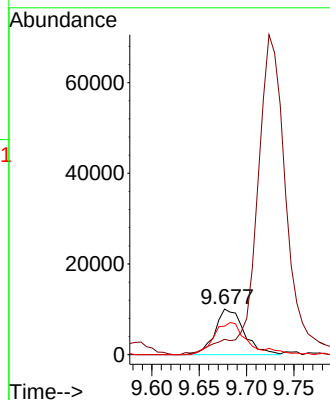
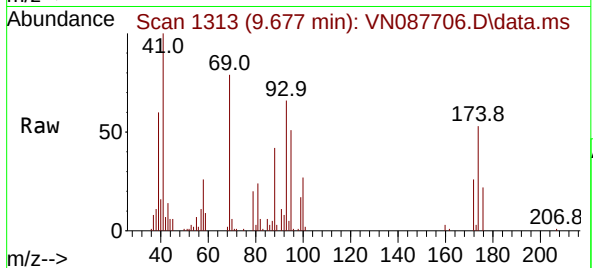
Tgt Ion: 88 Resp: 21586

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.9 57.9 86.9



#50

Toluene-d8

Concen: 44.039 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087706.D

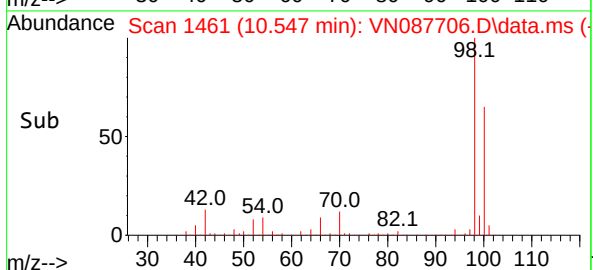
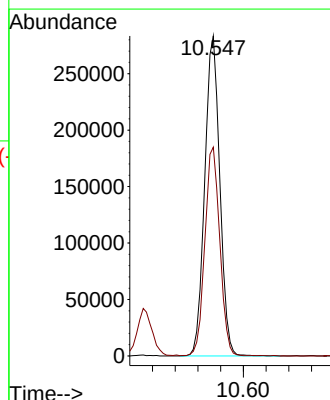
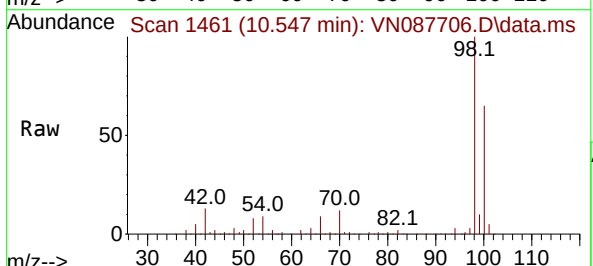
Acq: 02 Sep 2025 11:55

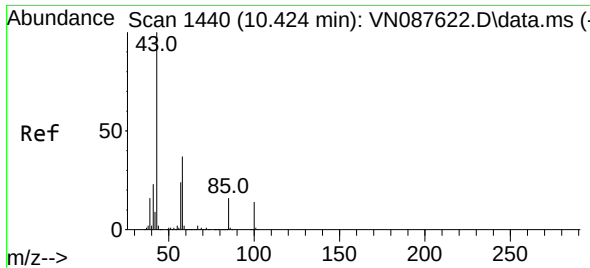
Tgt Ion: 98 Resp: 520474

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

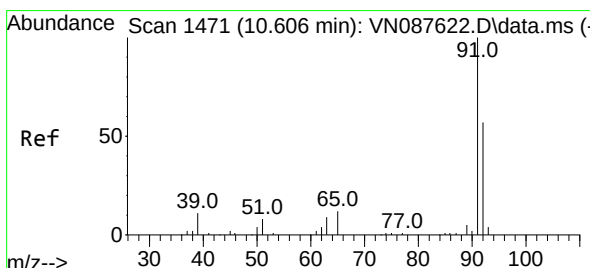
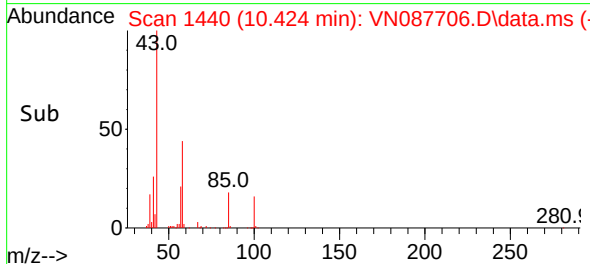
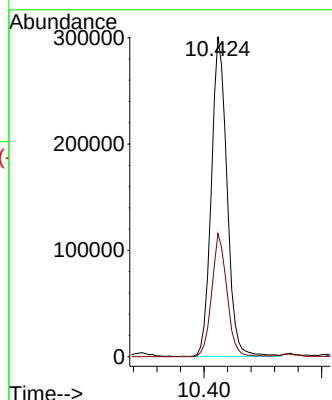
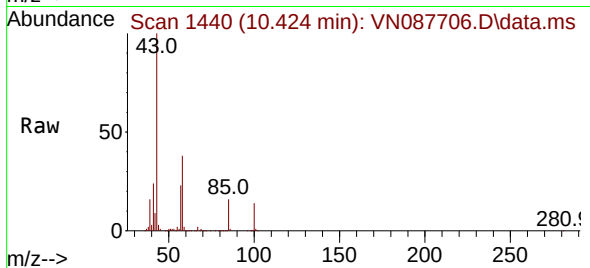




#51
4-Methyl-2-Pentanone
Concen: 89.119 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

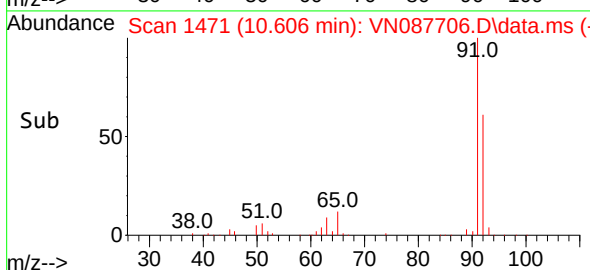
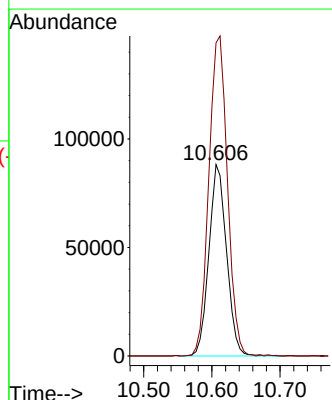
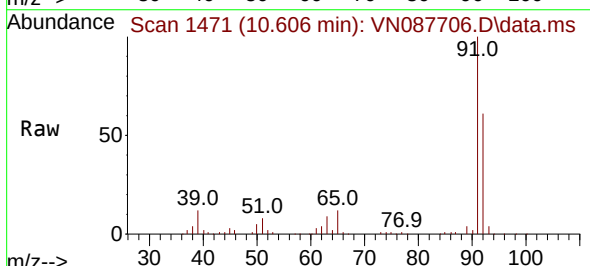
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

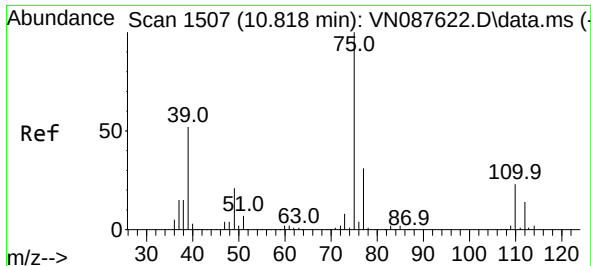
Tgt Ion: 43 Resp: 555696
Ion Ratio Lower Upper
43 100
58 37.1 29.6 44.4



#52
Toluene
Concen: 17.263 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 92 Resp: 159014
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6

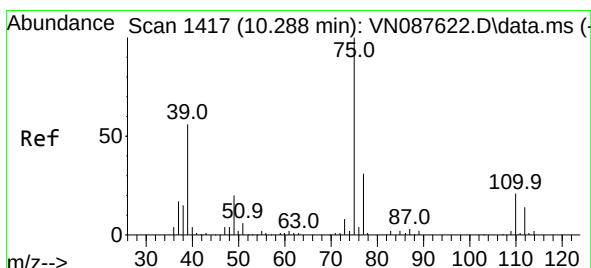
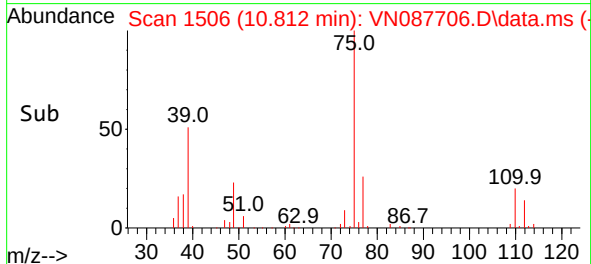
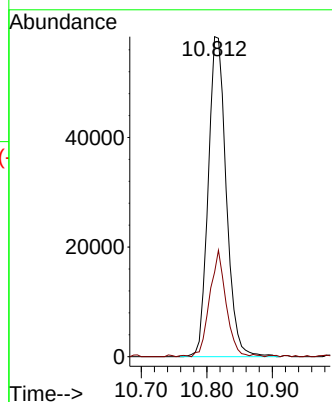
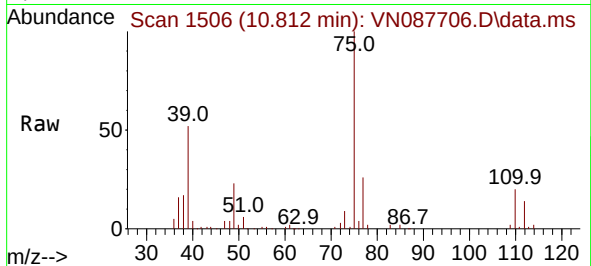




#53
 t-1,3-Dichloropropene
 Concen: 18.864 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

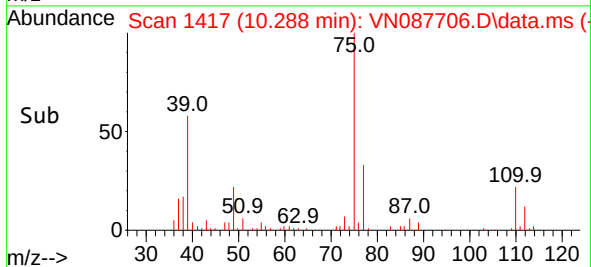
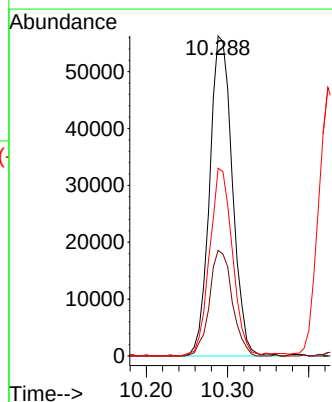
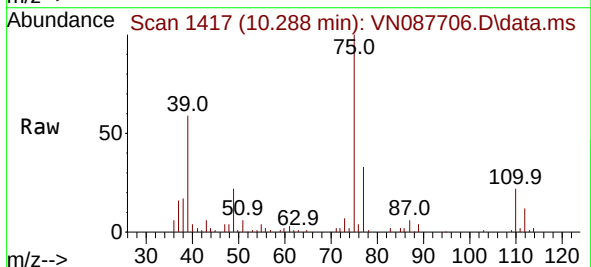
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

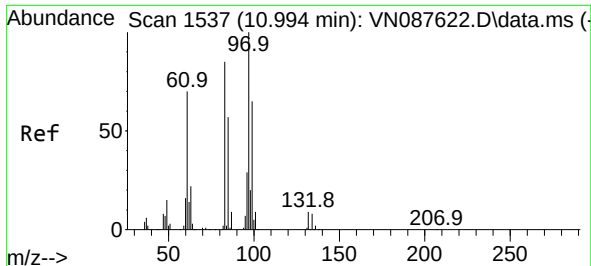
Tgt Ion: 75 Resp: 111528
 Ion Ratio Lower Upper
 75 100
 77 26.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.817 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion: 75 Resp: 109378
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0
 39 58.6 45.2 67.8

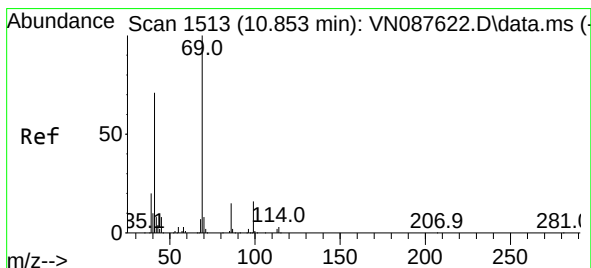
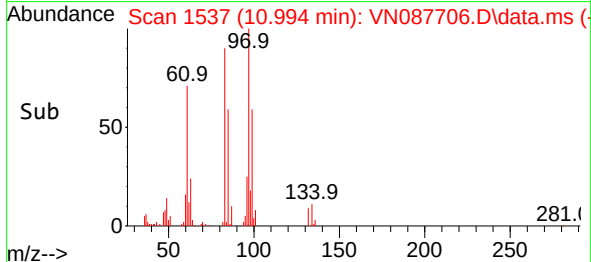
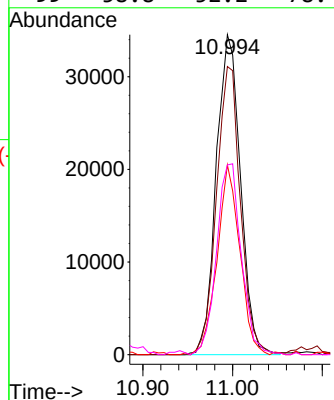
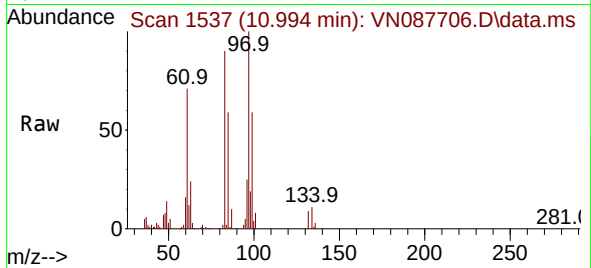




#55
1,1,2-Trichloroethane
Concen: 18.210 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

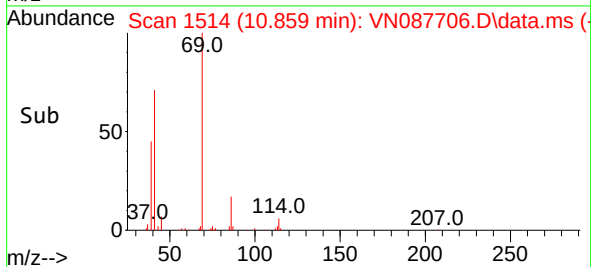
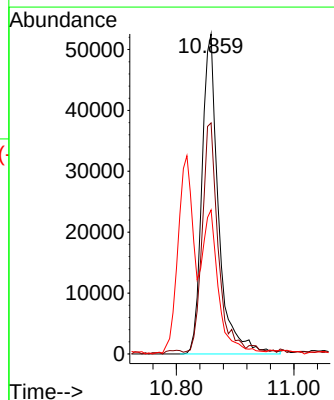
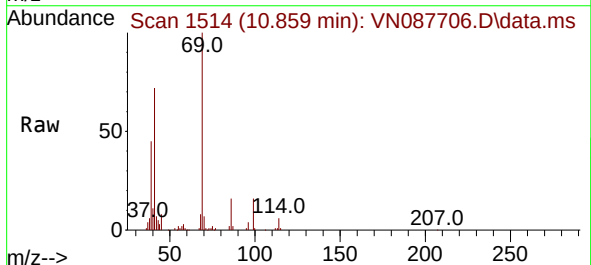
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

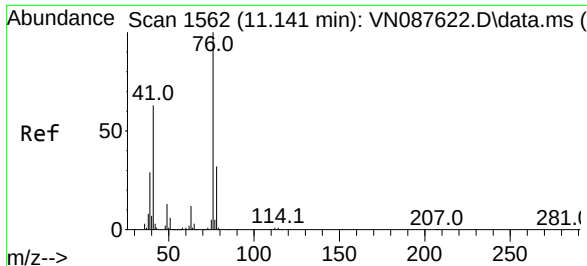
Tgt Ion:	97	Resp:	64885
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.2	102.4
85	59.3	45.5	68.3
99	58.8	52.2	78.4



#56
Ethyl methacrylate
Concen: 18.126 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:	69	Resp:	103221
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.5	84.7
39	43.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 17.904 ug/l

RT: 11.141 min Scan# 112903

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

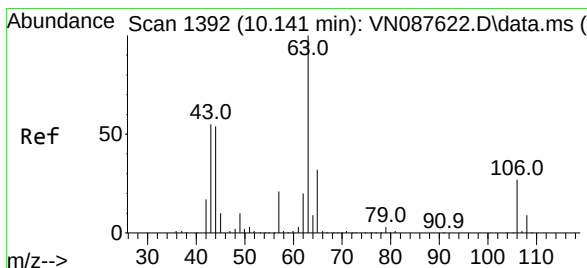
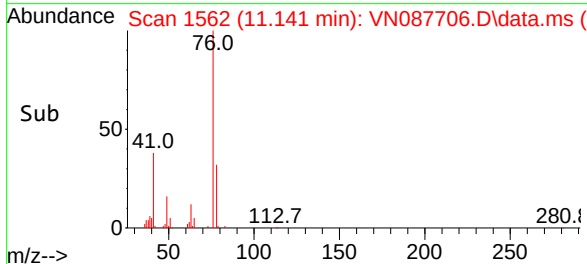
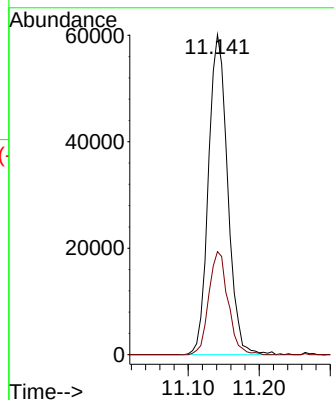
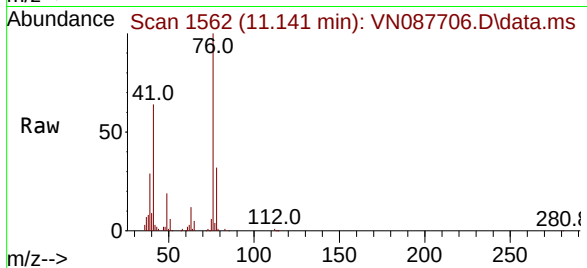
VN0902MBS01

Tgt Ion: 76 Resp: 112903

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.295 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087706.D

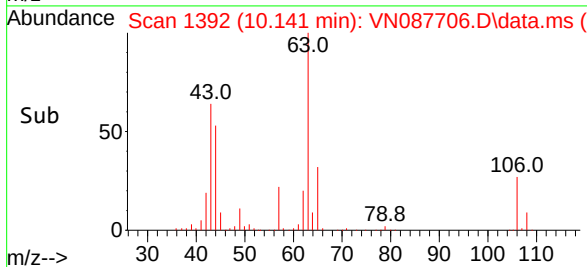
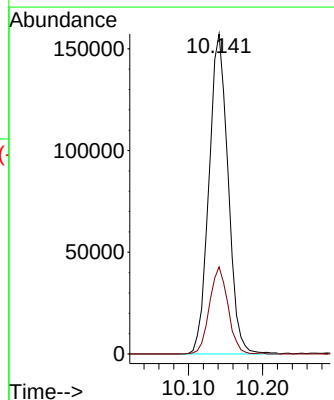
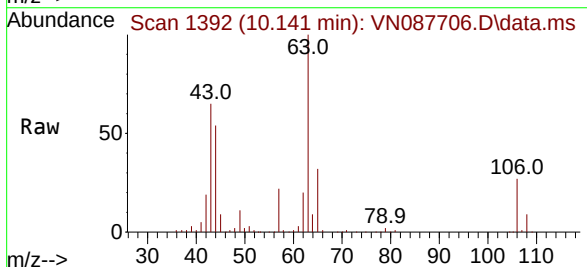
Acq: 02 Sep 2025 11:55

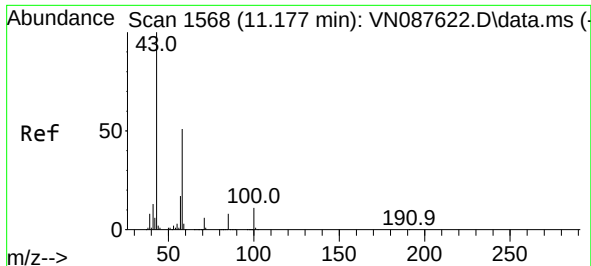
Tgt Ion: 63 Resp: 281388

Ion Ratio Lower Upper

63 100

106 26.3 21.1 31.7

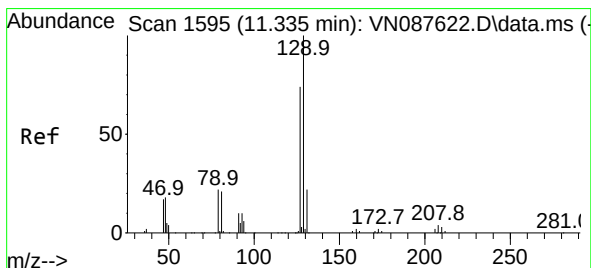
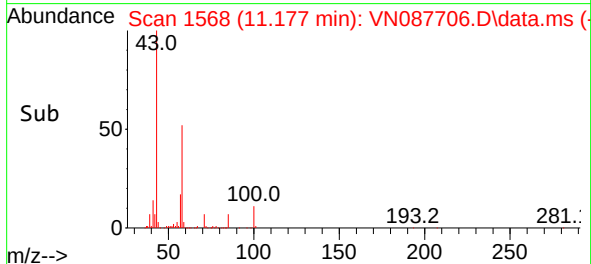
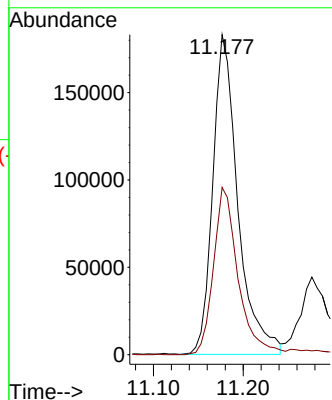
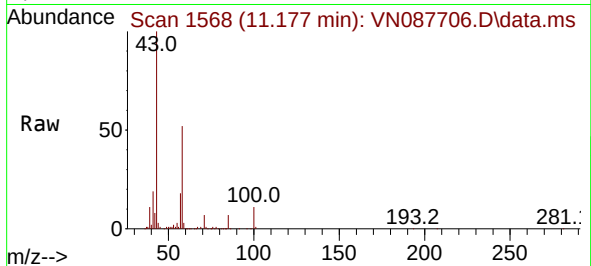




#59
2-Hexanone
Concen: 90.108 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

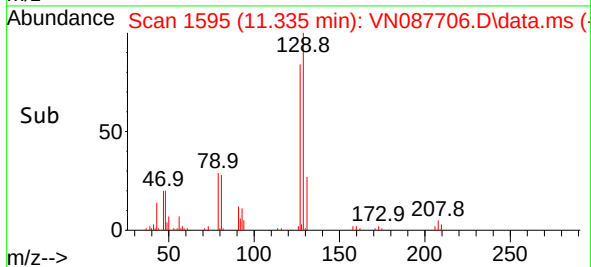
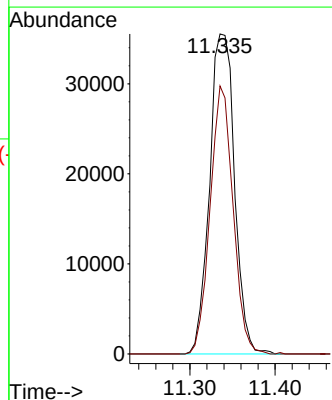
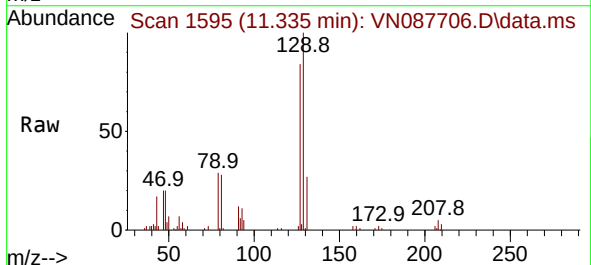
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

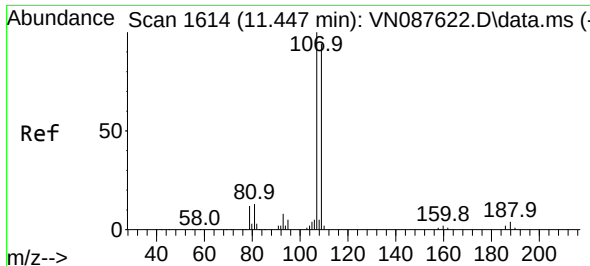
Tgt Ion: 43 Resp: 355096
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 17.521 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 129 Resp: 72339
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

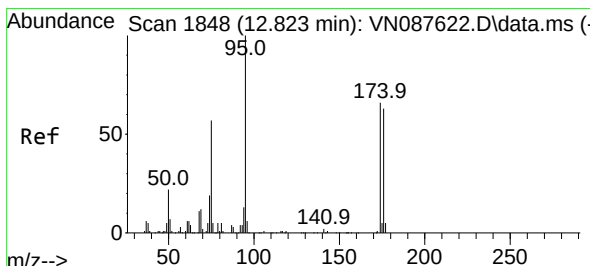
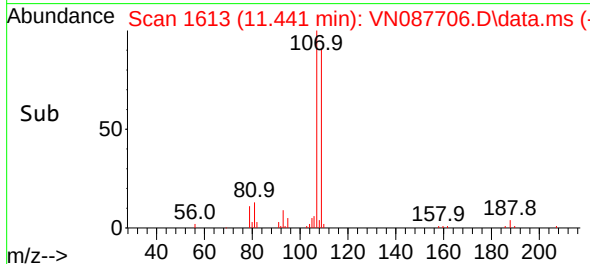
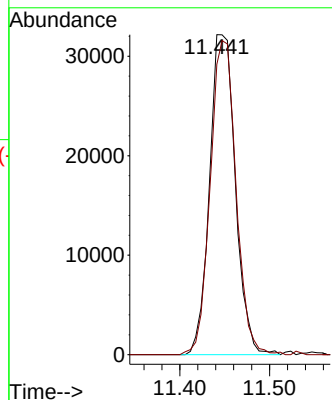
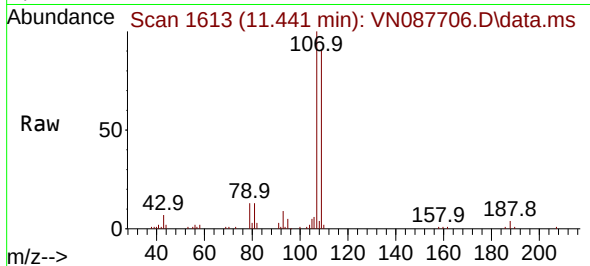




#61
1,2-Dibromoethane
Concen: 17.110 ug/l
RT: 11.441 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

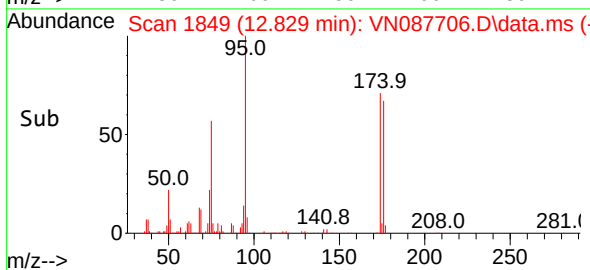
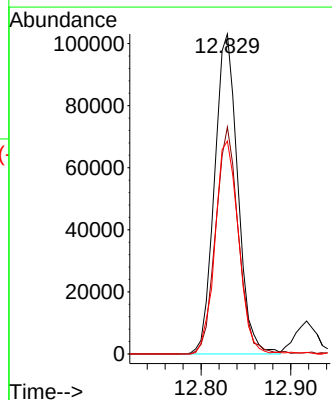
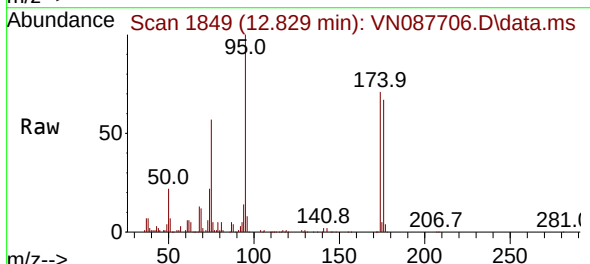
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

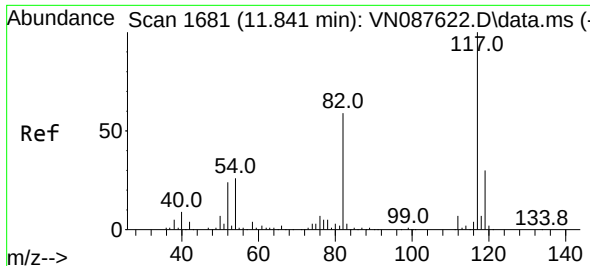
Tgt Ion:107 Resp: 64288
Ion Ratio Lower Upper
107 100
109 97.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.105 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 95 Resp: 185373
Ion Ratio Lower Upper
95 100
174 69.7 0.0 138.4
176 67.2 0.0 132.6

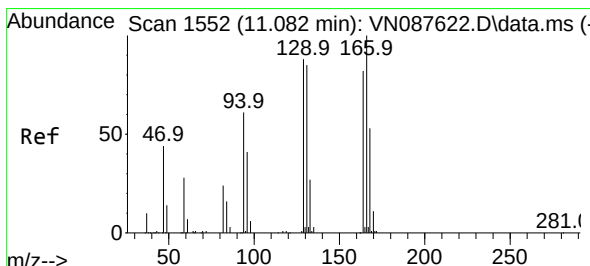
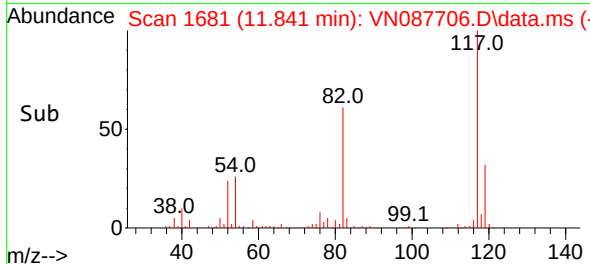
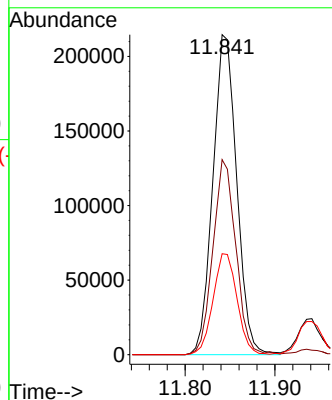
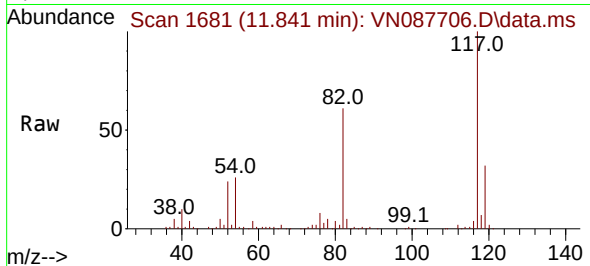




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

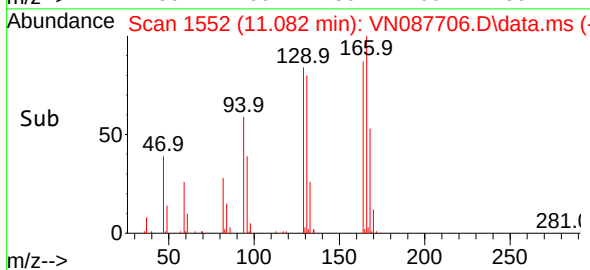
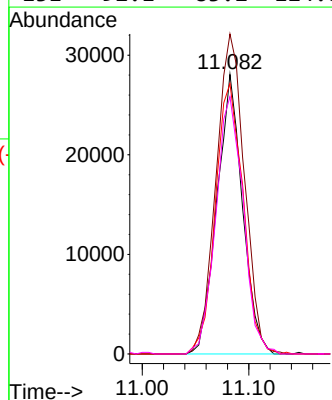
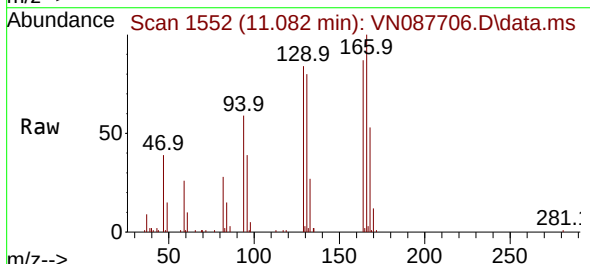
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

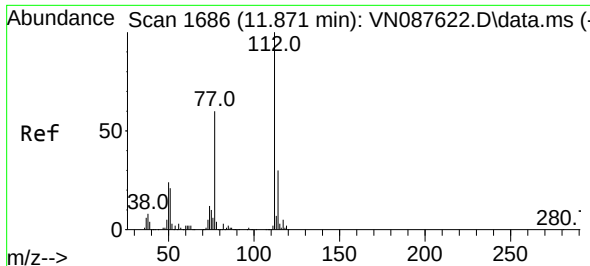
Tgt Ion:117 Resp: 395683
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.6 24.3 36.5



#64
Tetrachloroethene
Concen: 17.020 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:164 Resp: 46723
Ion Ratio Lower Upper
164 100
166 114.5 97.7 146.5
129 96.7 85.9 128.9
131 92.1 83.2 124.8

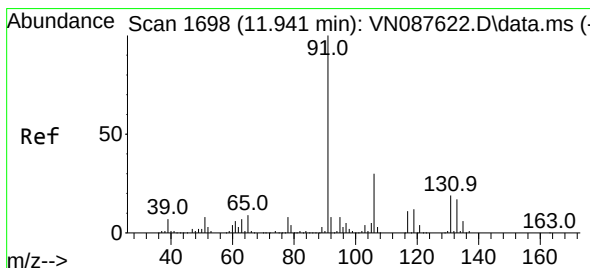
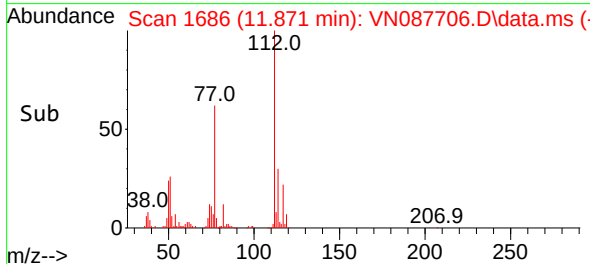
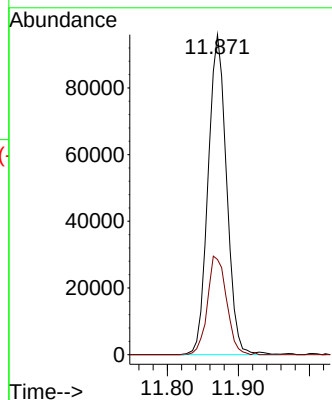
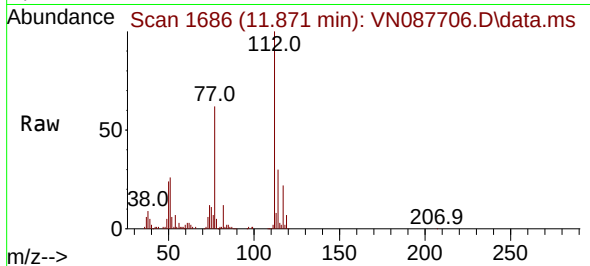




#65
Chlorobenzene
Concen: 17.622 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

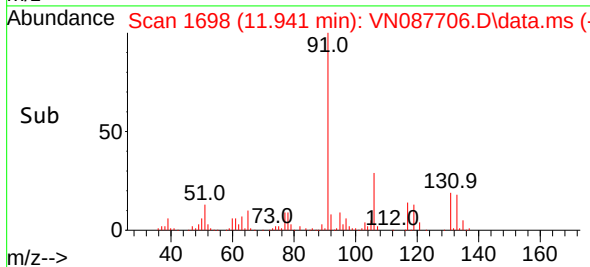
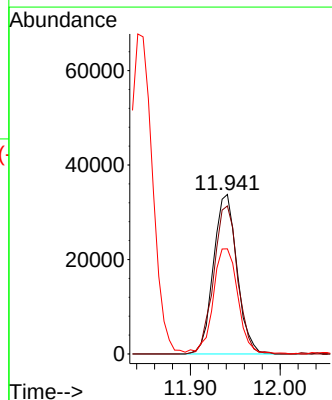
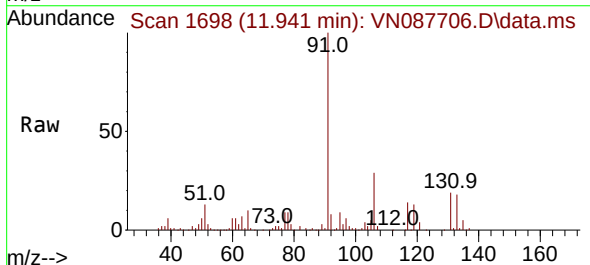
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

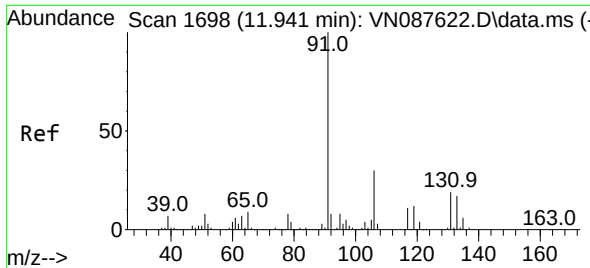
Tgt Ion:112 Resp: 173471
Ion Ratio Lower Upper
112 100
114 29.7 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.857 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:131 Resp: 61626
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.0
119 69.4 32.6 97.7

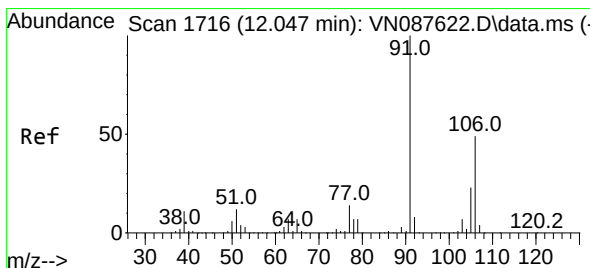
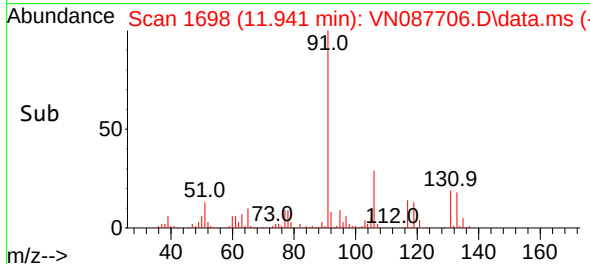
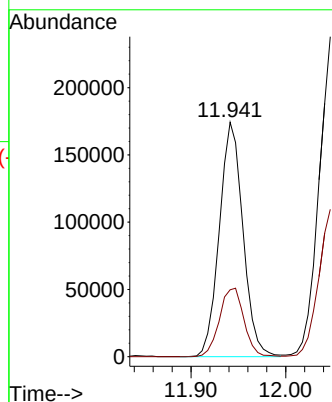
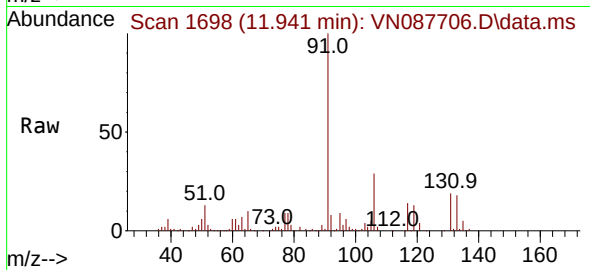




#67
Ethyl Benzene
Concen: 17.743 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

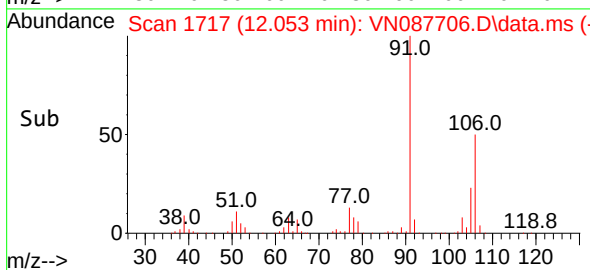
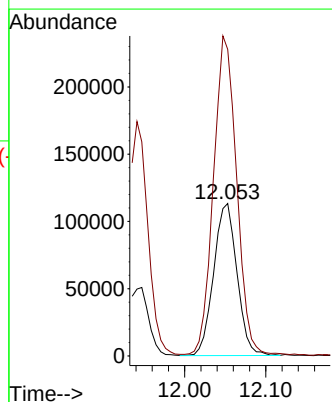
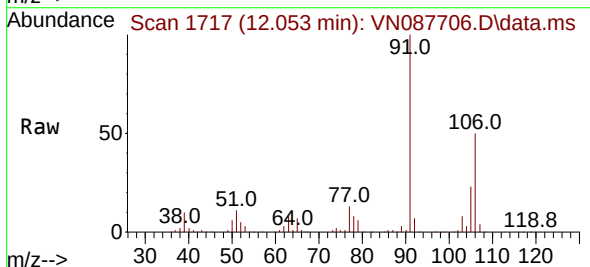
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

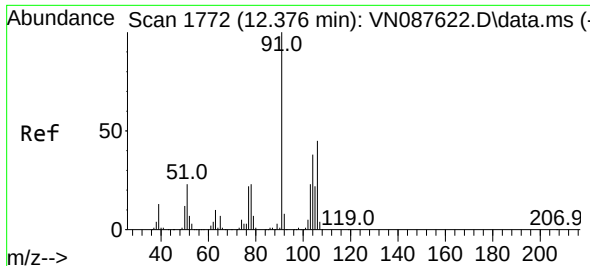
Tgt Ion: 91 Resp: 302421
Ion Ratio Lower Upper
91 100
106 28.5 24.1 36.1



#68
m/p-Xylenes
Concen: 36.137 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 106 Resp: 225886
Ion Ratio Lower Upper
106 100
91 209.6 169.3 253.9

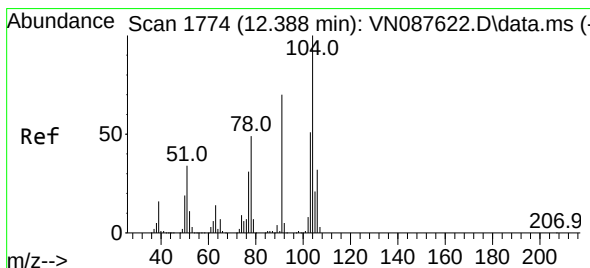
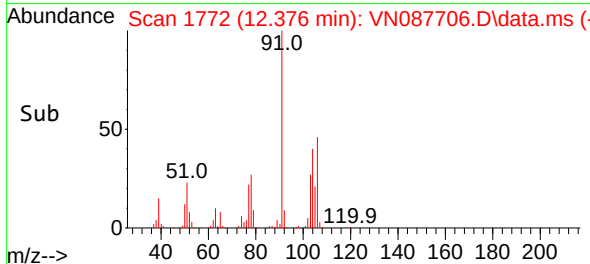
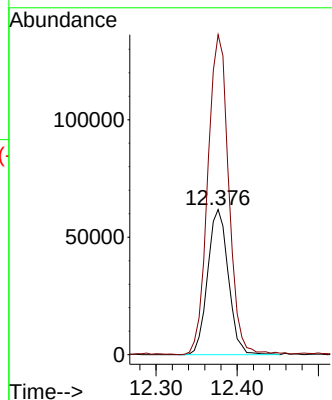
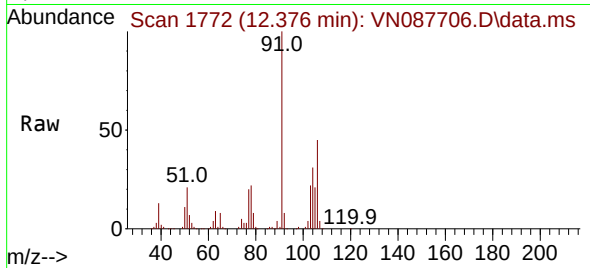




#69
o-Xylene
Concen: 17.848 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

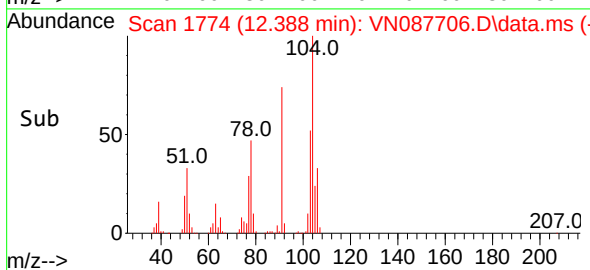
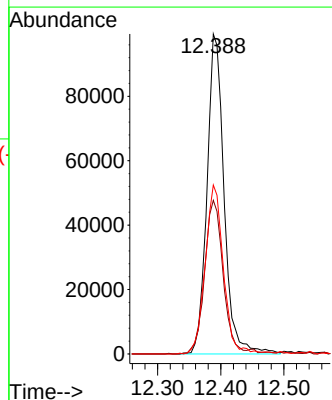
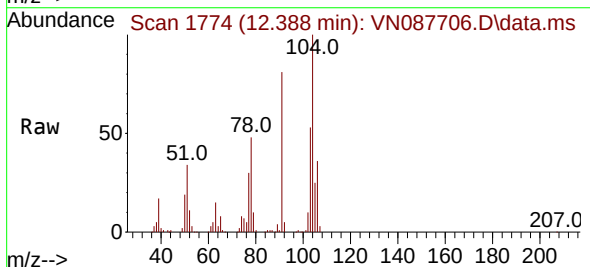
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

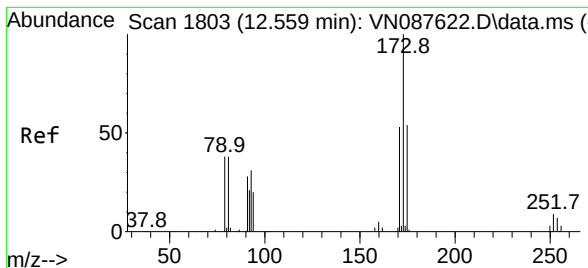
Tgt Ion:106 Resp: 109333
Ion Ratio Lower Upper
106 100
91 223.5 111.4 334.2



#70
Styrene
Concen: 18.233 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:104 Resp: 187125
Ion Ratio Lower Upper
104 100
78 51.7 42.2 63.2
103 56.4 43.4 65.2





#71

Bromoform

Concen: 18.054 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

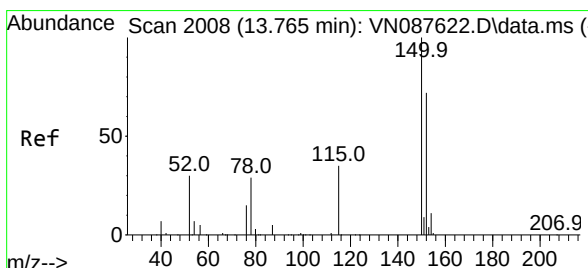
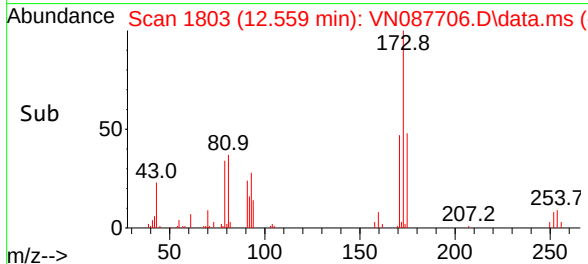
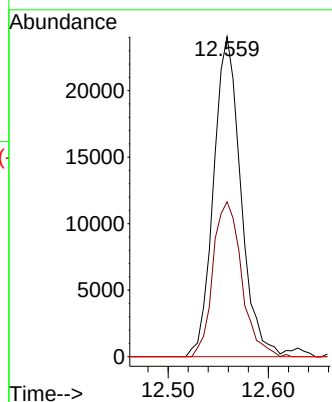
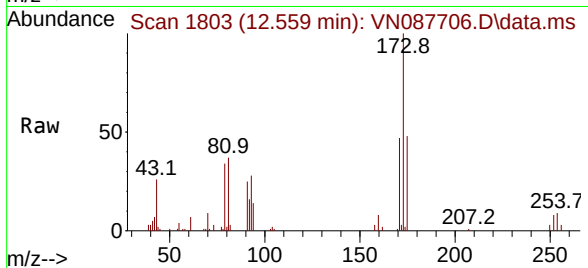
Tgt Ion:173 Resp: 45251

Ion Ratio Lower Upper

173 100

175 51.0 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

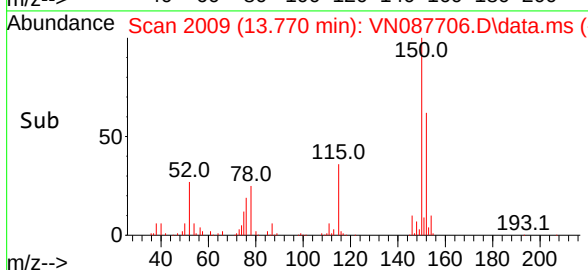
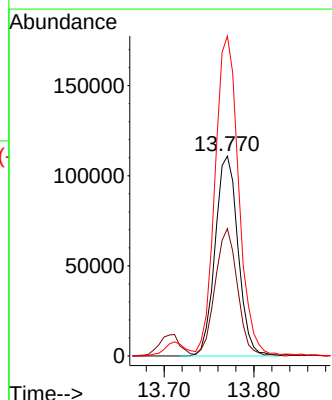
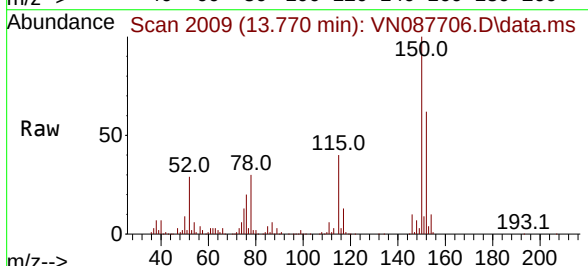
Tgt Ion:152 Resp: 196948

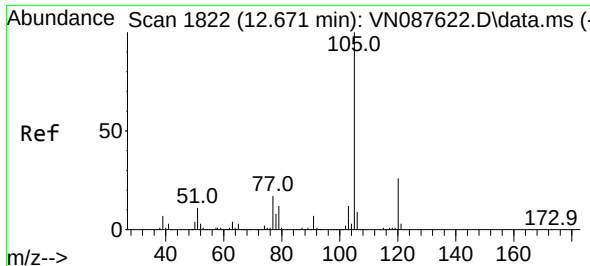
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 165.1 0.0 351.0

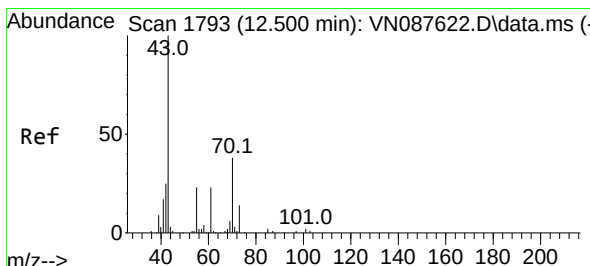
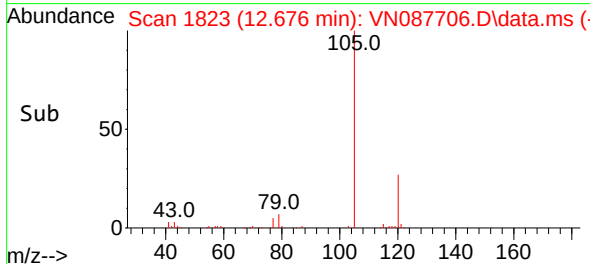
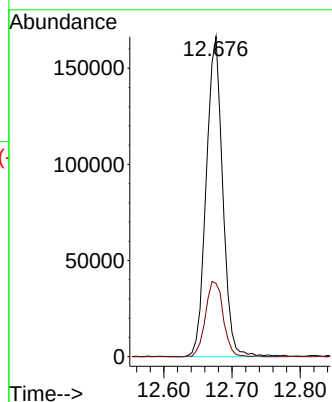
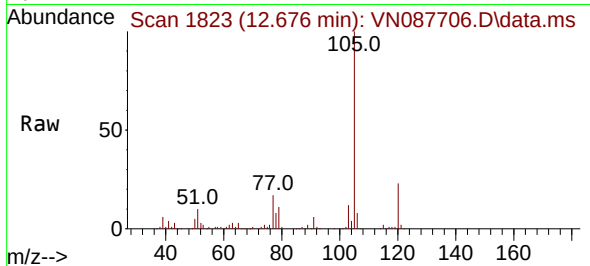




#73
Isopropylbenzene
Concen: 17.579 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

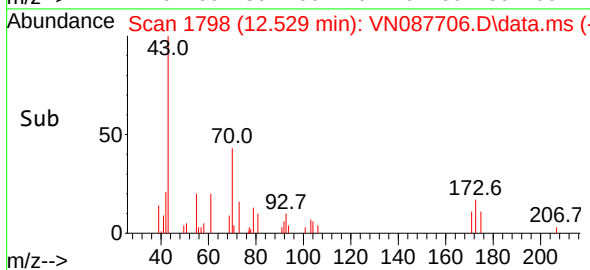
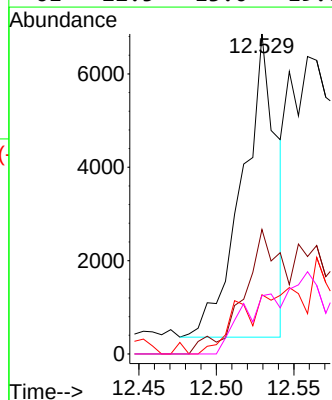
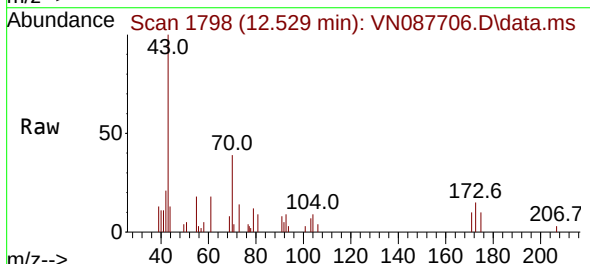
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

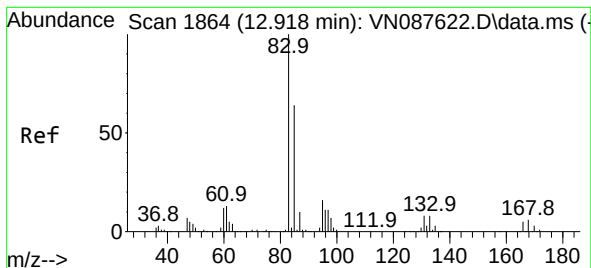
Tgt Ion:105 Resp: 279757
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 1.654 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 43 Resp: 9974
Ion Ratio Lower Upper
43 100
70 47.8 27.6 41.4#
55 14.2 13.0 19.6
61 22.5 13.0 19.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.237 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

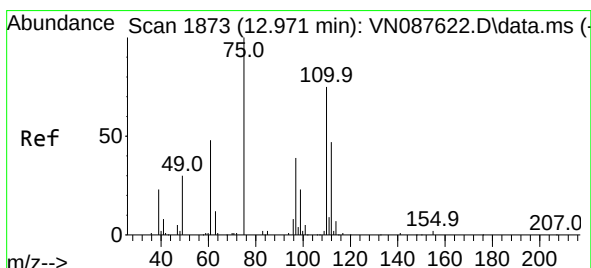
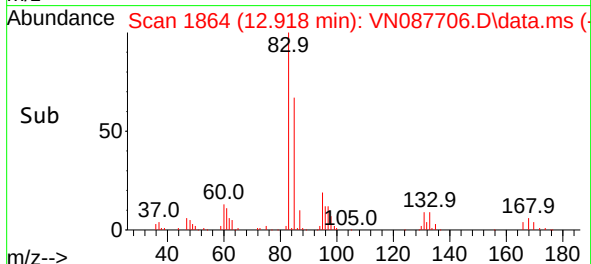
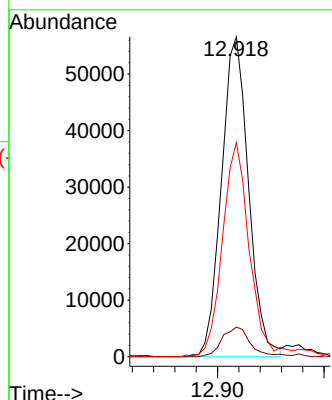
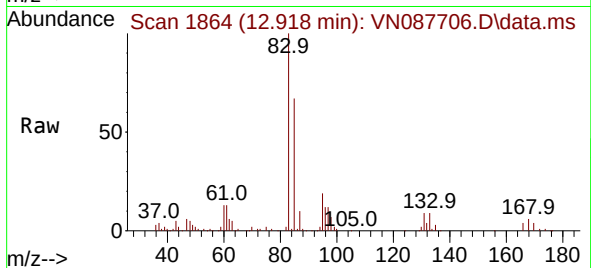
Tgt Ion: 83 Resp: 99922

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 66.6 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.525 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN087706.D

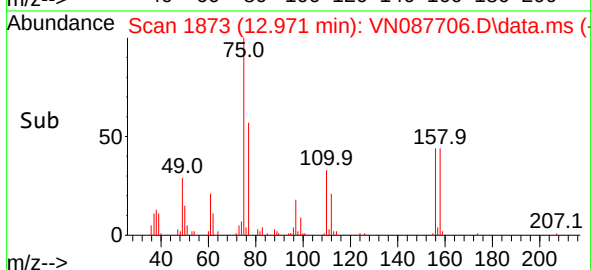
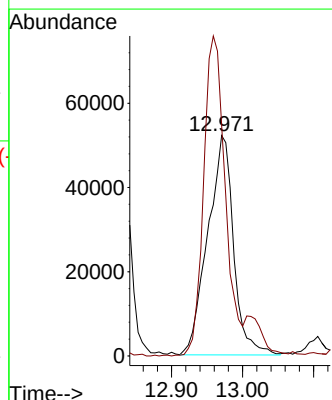
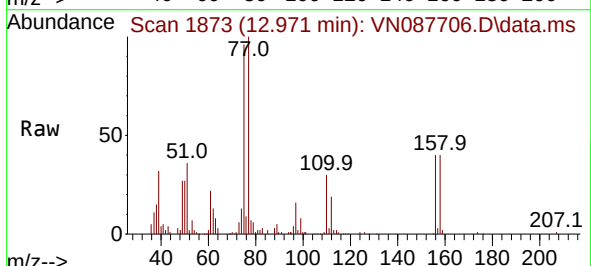
Acq: 02 Sep 2025 11:55

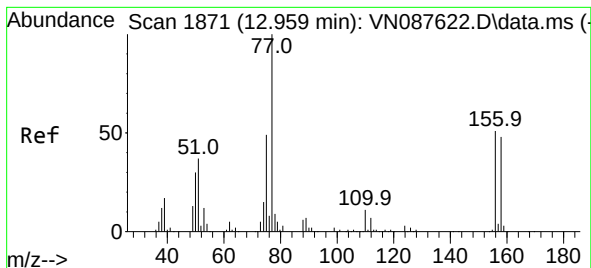
Tgt Ion: 75 Resp: 131743

Ion Ratio Lower Upper

75 100

77 121.9 89.1 267.4





#77

Bromobenzene

Concen: 17.833 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

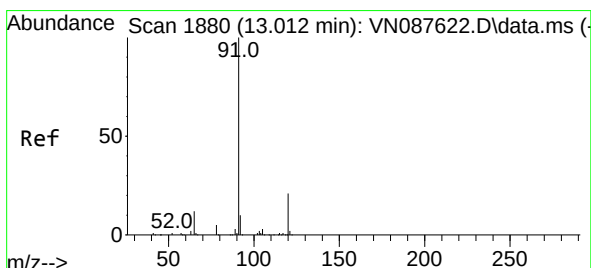
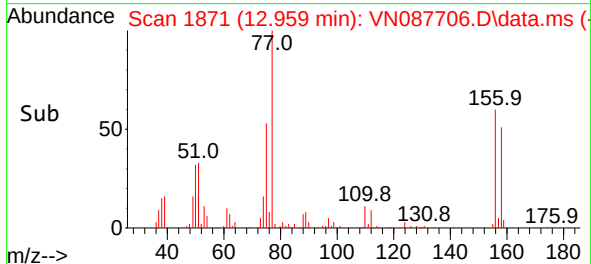
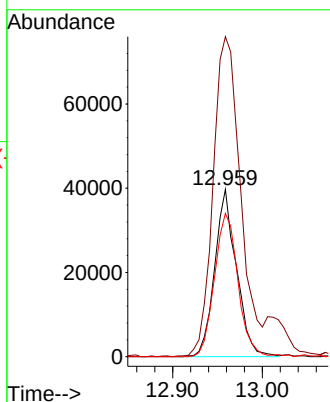
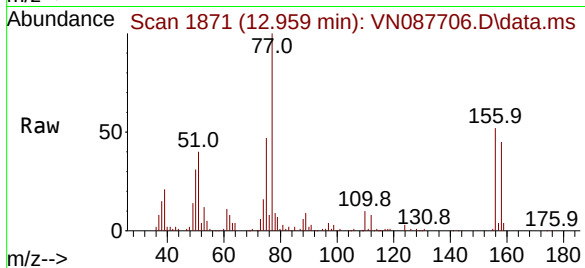
Tgt Ion:156 Resp: 66917

Ion Ratio Lower Upper

156 100

77 240.0 119.3 358.0

158 92.1 48.2 144.6



#78

n-propylbenzene

Concen: 17.985 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087706.D

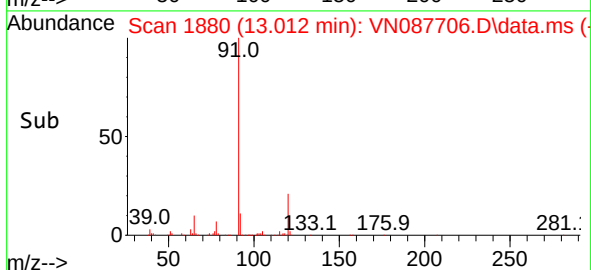
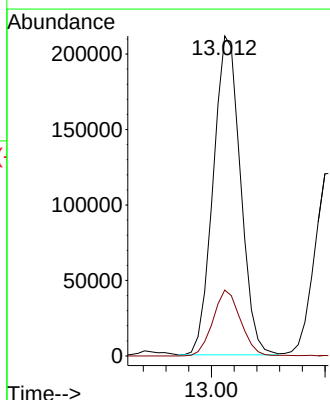
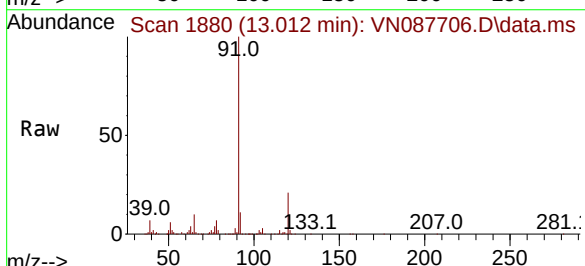
Acq: 02 Sep 2025 11:55

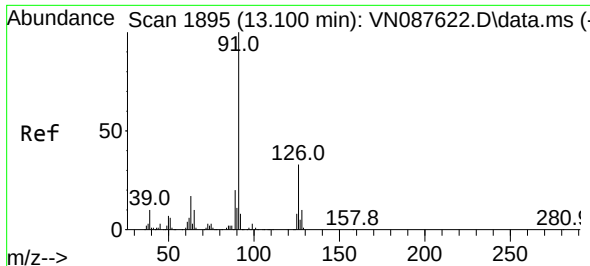
Tgt Ion: 91 Resp: 352551

Ion Ratio Lower Upper

91 100

120 21.0 10.7 32.1

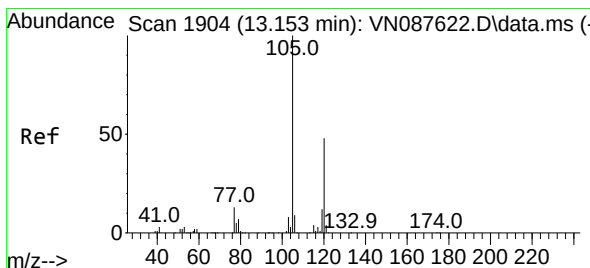
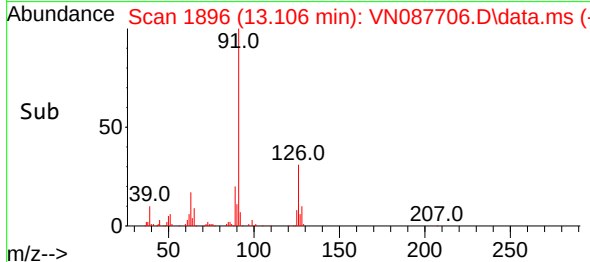
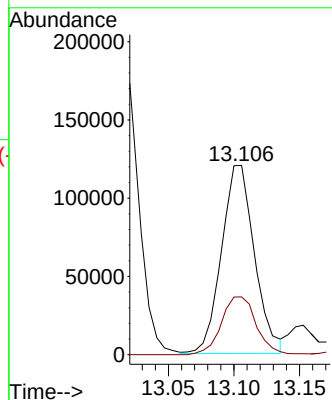
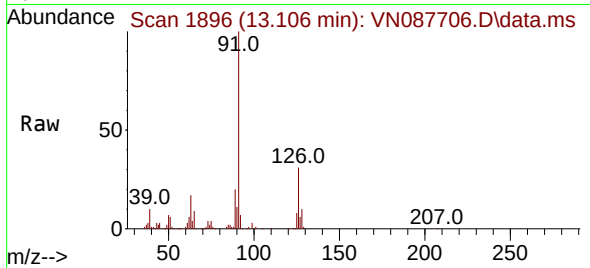




#79
2-Chlorotoluene
Concen: 17.865 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

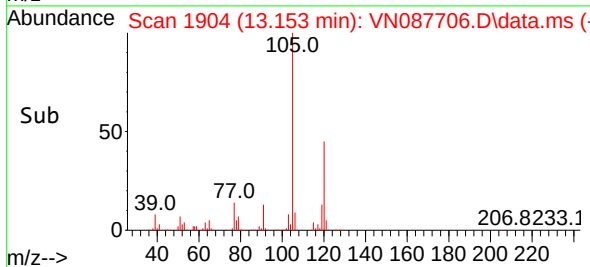
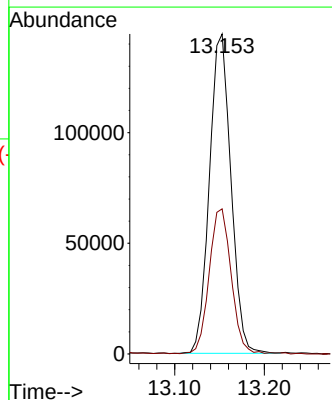
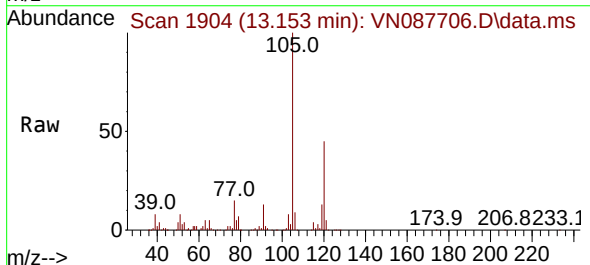
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

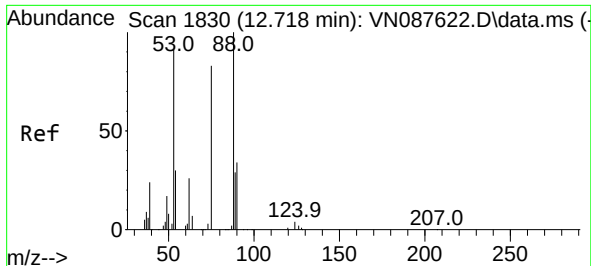
Tgt Ion: 91 Resp: 210750
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 17.807 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:105 Resp: 240406
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6

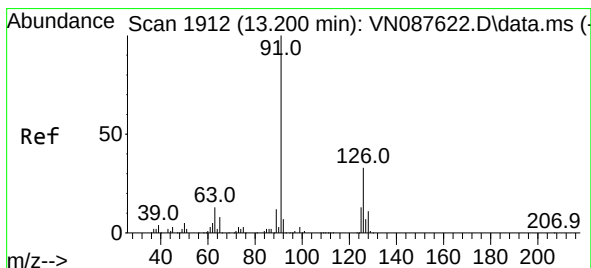
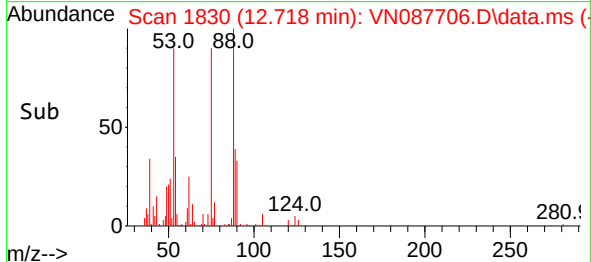
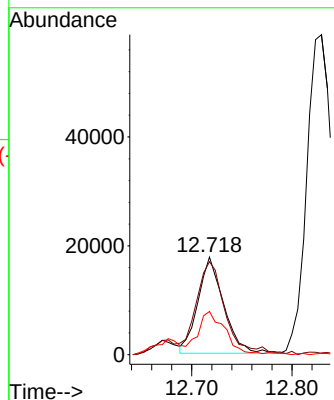
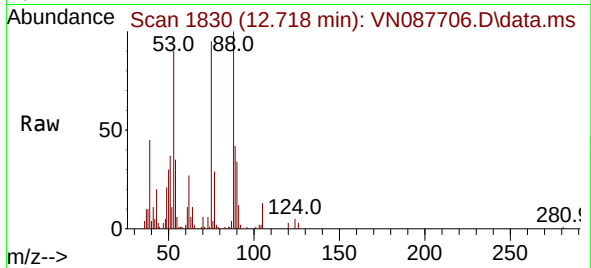




#81
trans-1,4-Dichloro-2-butene
Concen: 18.035 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

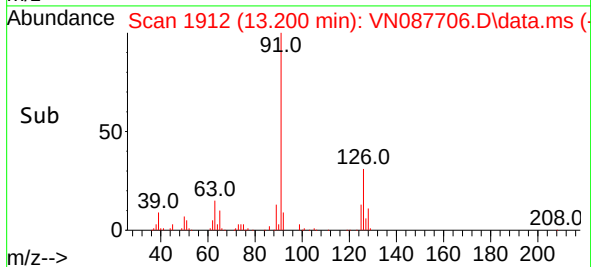
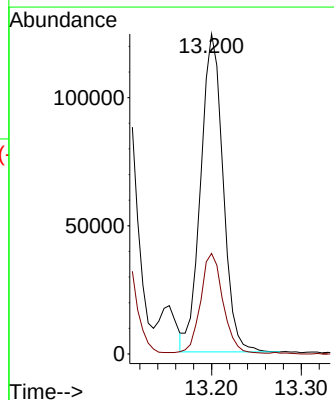
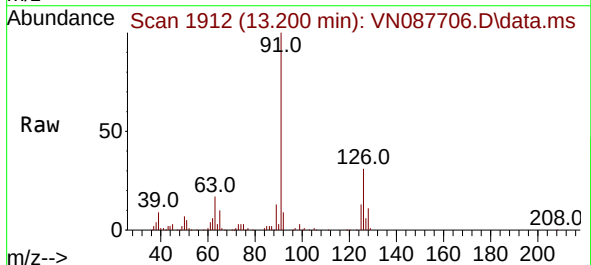
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

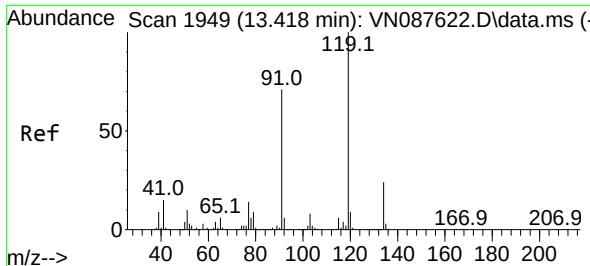
Tgt Ion: 75 Resp: 31463
Ion Ratio Lower Upper
75 100
53 112.1 101.8 152.6
89 45.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 17.309 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 91 Resp: 214685
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8

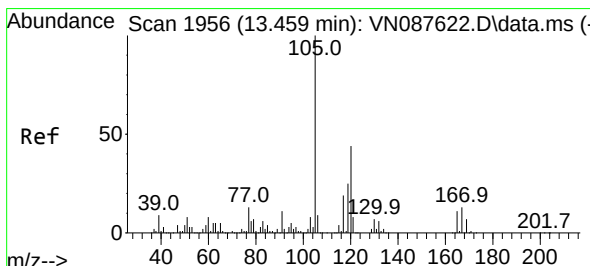
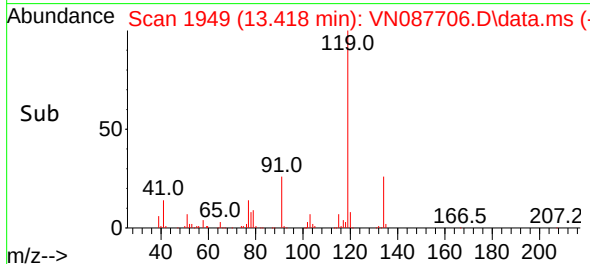
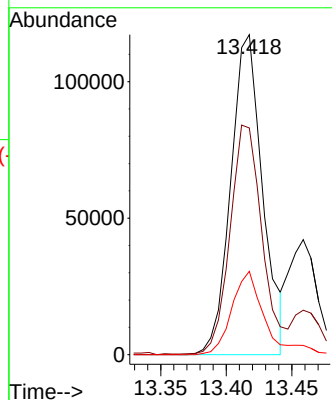
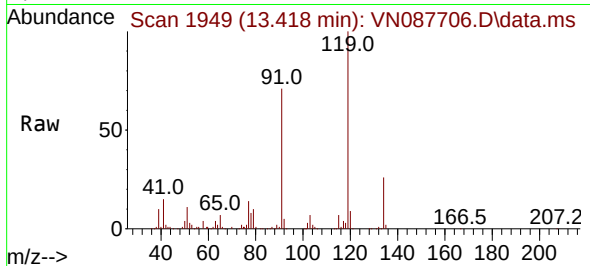




#83
 tert-Butylbenzene
 Concen: 17.634 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

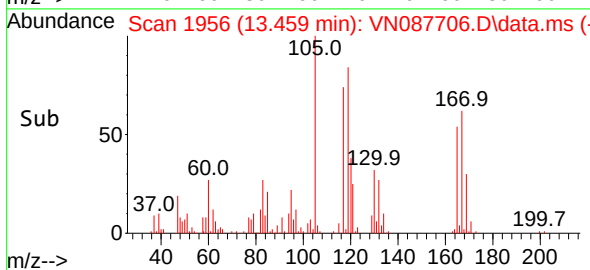
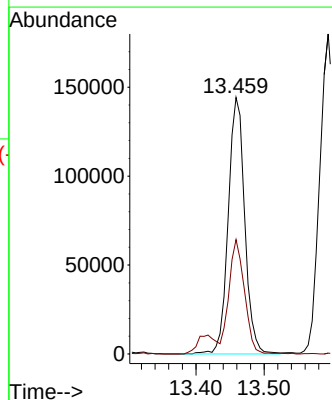
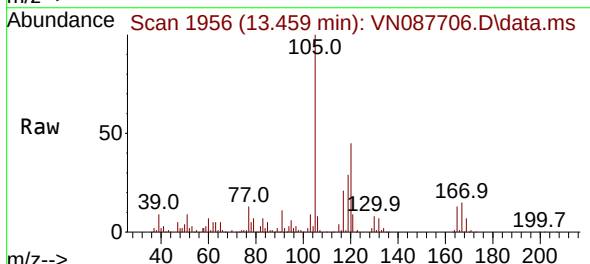
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

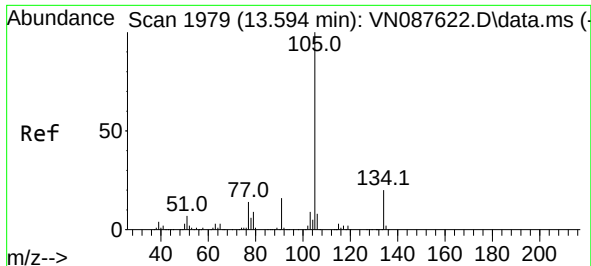
Tgt Ion:119 Resp: 198390
 Ion Ratio Lower Upper
 119 100
 91 72.6 35.0 105.0
 134 26.9 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.987 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion:105 Resp: 243091
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.0 66.0

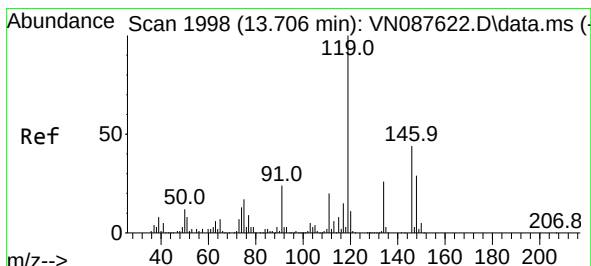
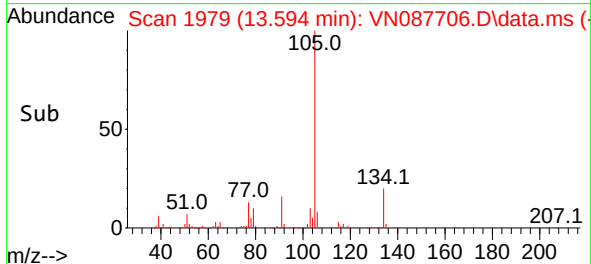
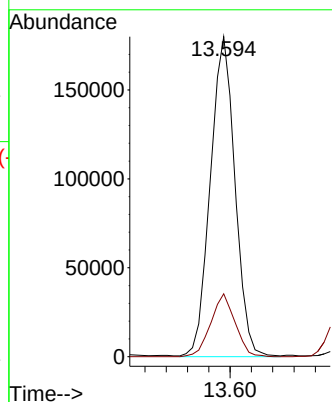
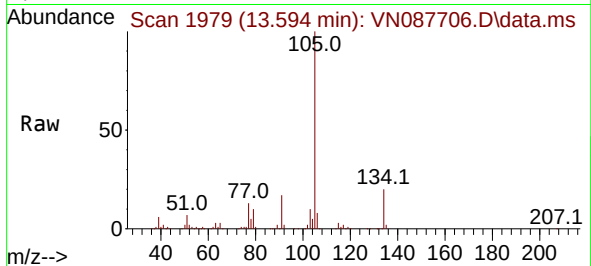




#85
 sec-Butylbenzene
 Concen: 17.350 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

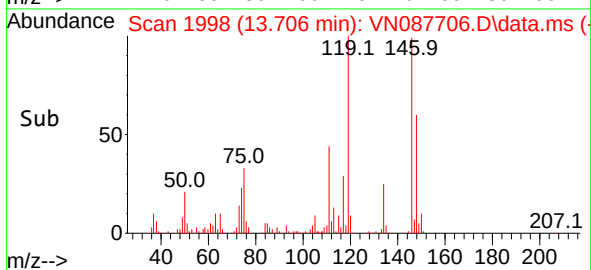
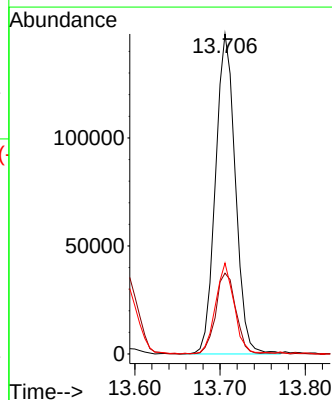
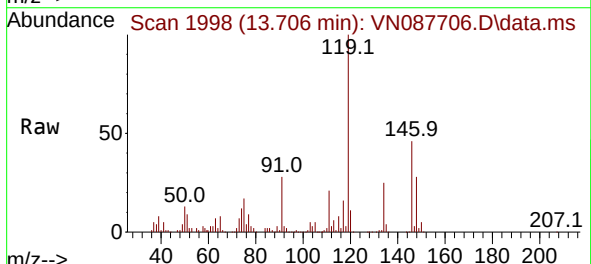
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

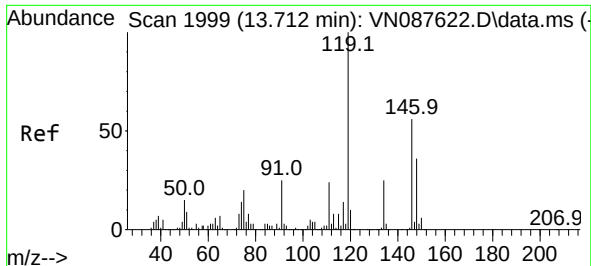
Tgt Ion:105 Resp: 289670
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 17.387 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion:119 Resp: 239703
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 26.9 12.5 37.5

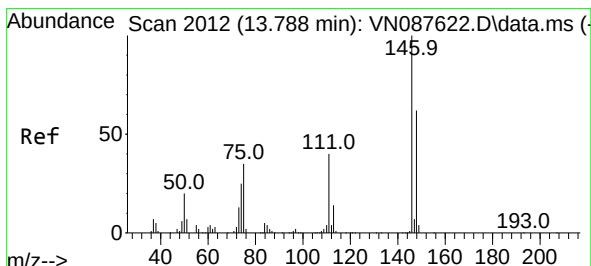
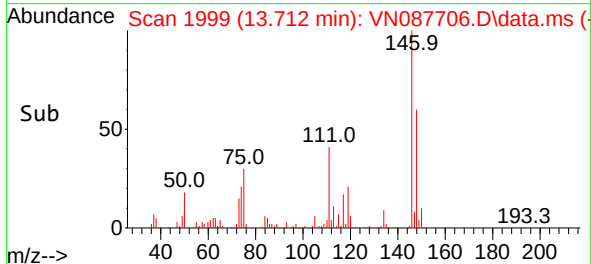
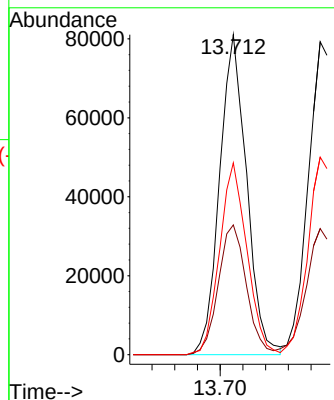
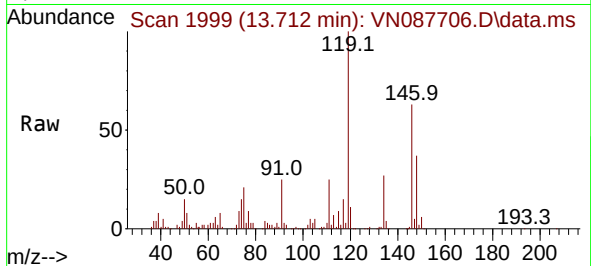




#87
 1,3-Dichlorobenzene
 Concen: 18.093 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

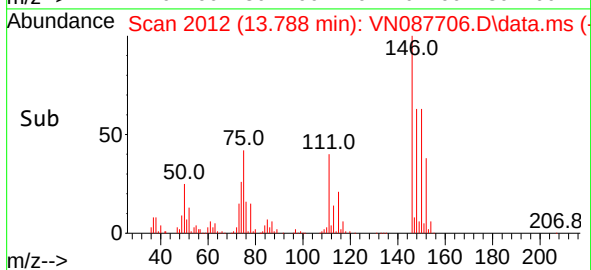
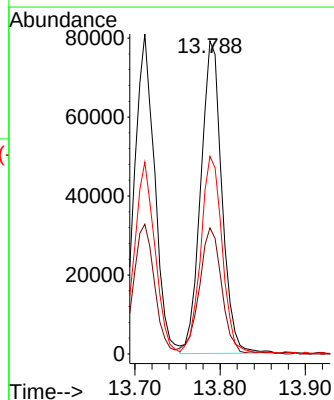
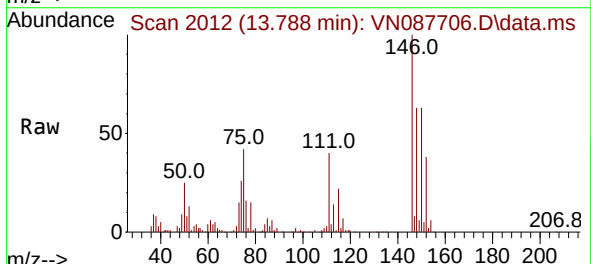
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

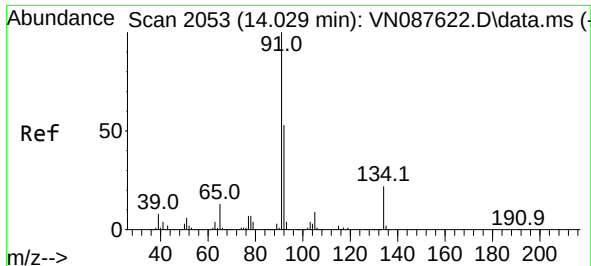
Tgt Ion:146 Resp: 133701
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.1 66.5
 148 60.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.676 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087706.D
 Acq: 02 Sep 2025 11:55

Tgt Ion:146 Resp: 135931
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.0 63.0
 148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 17.192 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

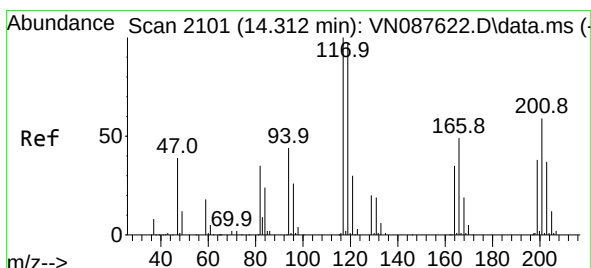
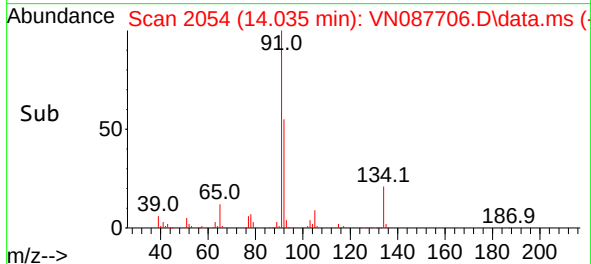
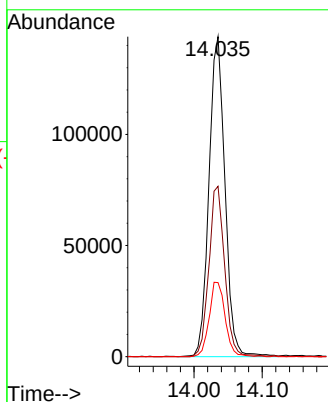
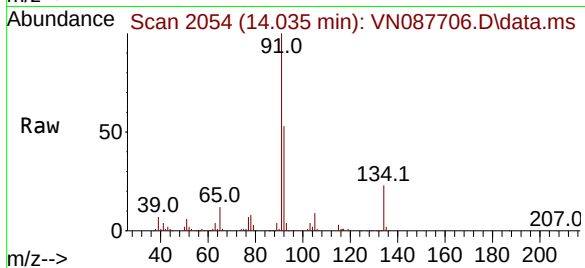
Tgt Ion: 91 Resp: 235389

Ion Ratio Lower Upper

91 100

92 52.7 25.9 77.8

134 23.3 11.7 35.0



#90

Hexachloroethane

Concen: 18.555 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087706.D

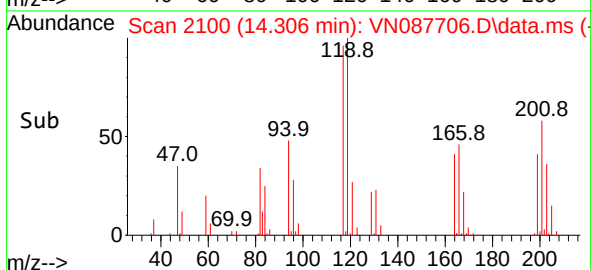
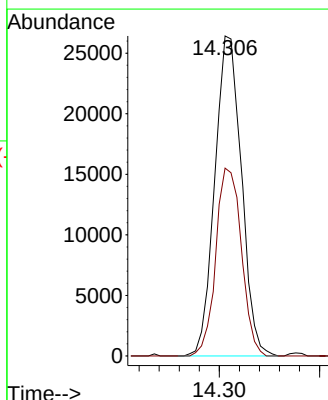
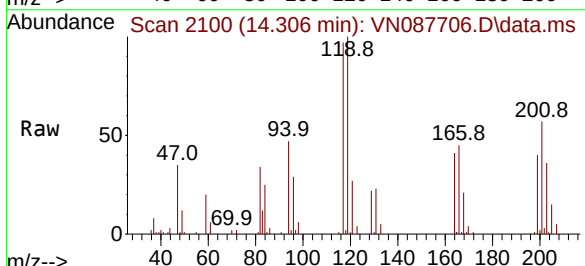
Acq: 02 Sep 2025 11:55

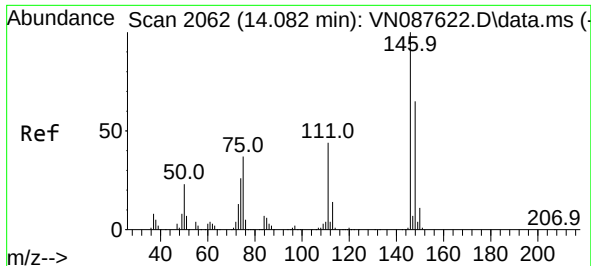
Tgt Ion: 117 Resp: 48736

Ion Ratio Lower Upper

117 100

201 56.3 29.1 87.4

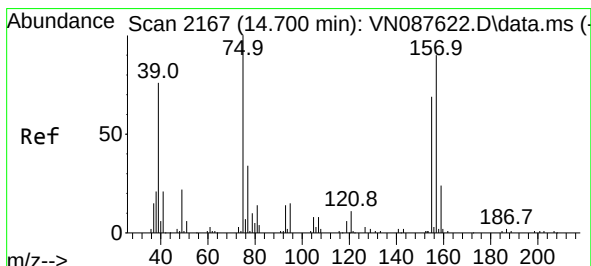
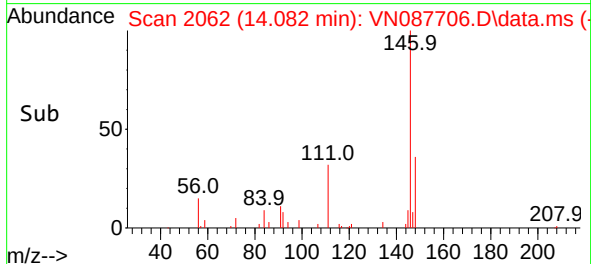
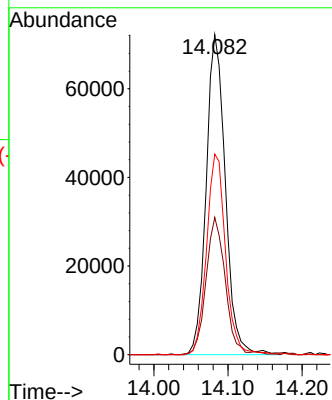
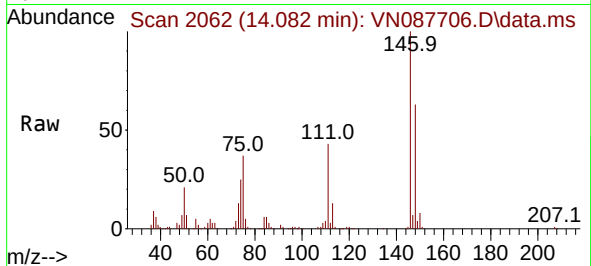




#91
1,2-Dichlorobenzene
Concen: 18.501 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

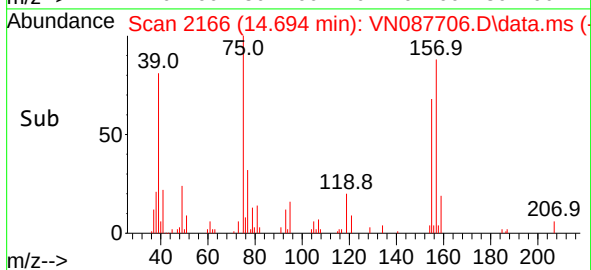
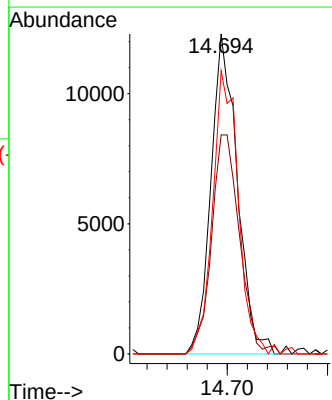
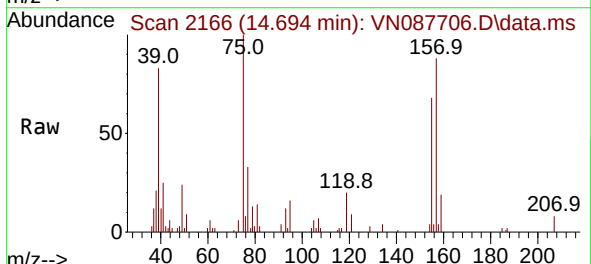
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

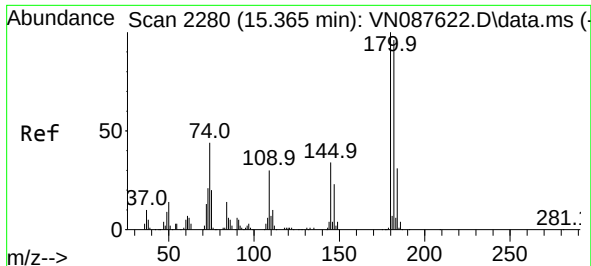
Tgt Ion:146 Resp: 129704
Ion Ratio Lower Upper
146 100
111 42.7 22.6 67.8
148 62.2 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.193 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion: 75 Resp: 22379
Ion Ratio Lower Upper
75 100
155 73.0 36.6 109.9
157 85.5 45.6 136.9

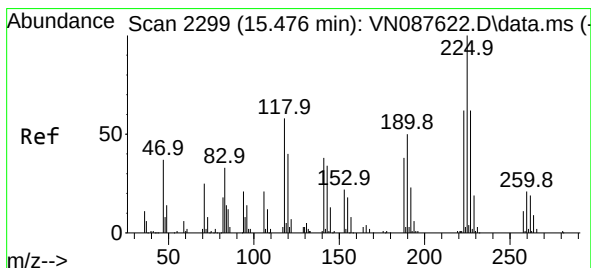
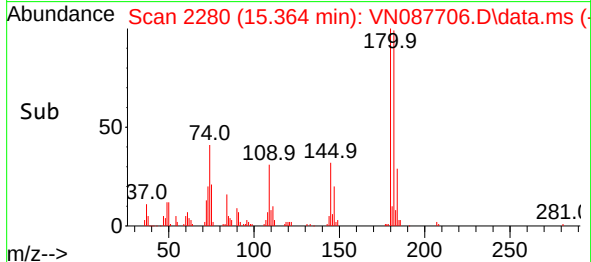
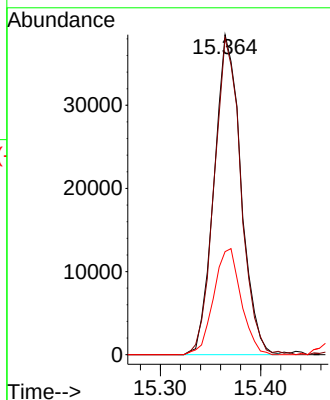
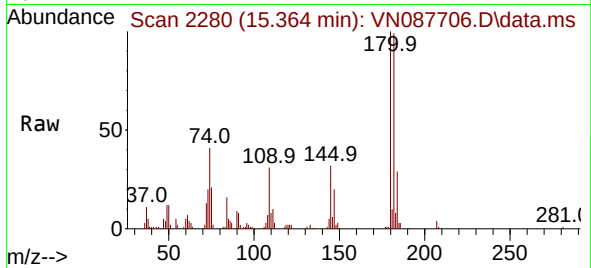




#93
1,2,4-Trichlorobenzene
Concen: 17.008 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

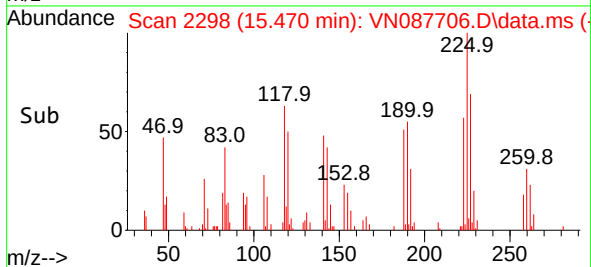
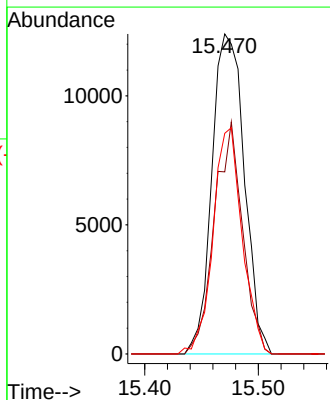
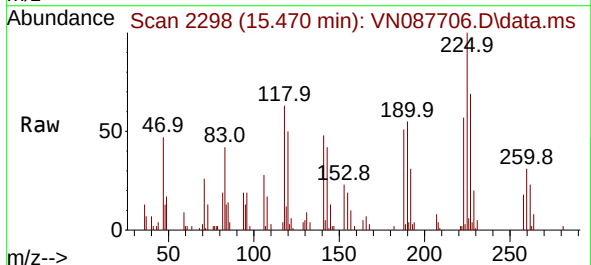
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

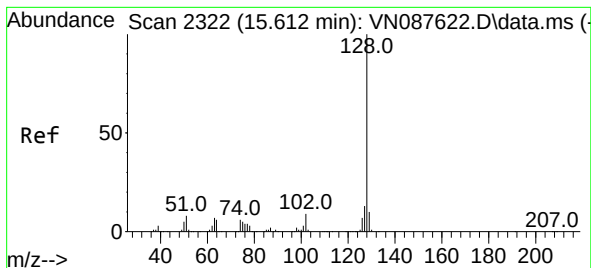
Tgt Ion:180 Resp: 71598
Ion Ratio Lower Upper
180 100
182 98.3 47.6 142.9
145 33.8 16.5 49.5



#94
Hexachlorobutadiene
Concen: 16.381 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087706.D
Acq: 02 Sep 2025 11:55

Tgt Ion:225 Resp: 24585
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 63.6 32.1 96.5





#95

Naphthalene

Concen: 16.931 ug/l

RT: 15.612 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

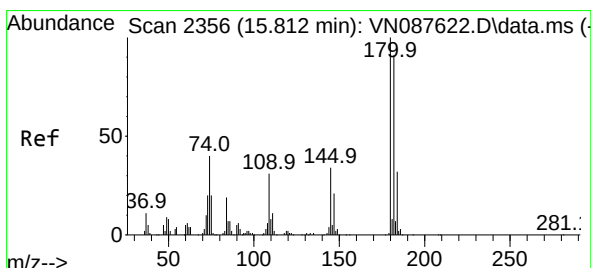
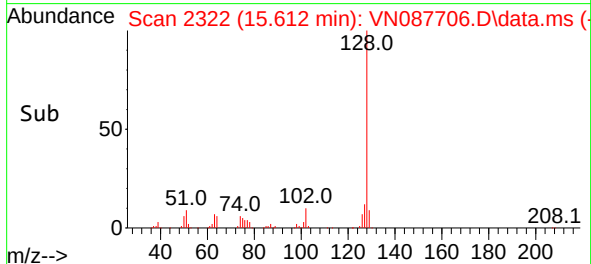
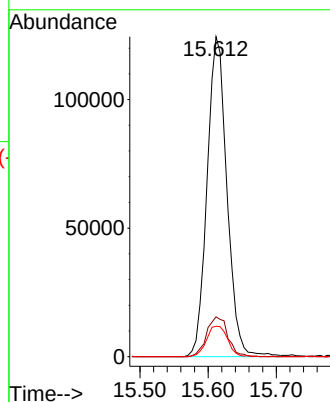
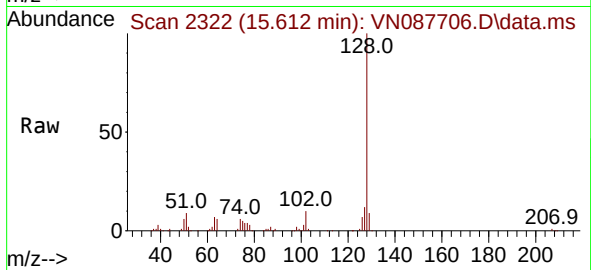
Tgt Ion:128 Resp: 252457

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.745 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087706.D

Acq: 02 Sep 2025 11:55

Tgt Ion:180 Resp: 68913

Ion Ratio Lower Upper

180 100

182 97.3 46.8 140.3

145 34.0 17.3 52.0

