

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087888.D
 Acq On : 18 Sep 2025 11:40
 Operator : JC\MD
 Sample : VN0918WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 03:03:02 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	257489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	468340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	435438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	237657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	224976	42.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.280%
35) Dibromofluoromethane	8.147	113	176838	52.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.547	98	619092	48.917	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.829	95	224018	49.772	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72891	19.932	ug/l	94
3) Chloromethane	2.383	50	69892	18.597	ug/l	98
4) Vinyl Chloride	2.542	62	74644	17.130	ug/l	94
5) Bromomethane	2.977	94	42023	18.690	ug/l	97
6) Chloroethane	3.136	64	48097	15.704	ug/l	91
7) Trichlorofluoromethane	3.512	101	124358	19.479	ug/l	99
8) Diethyl Ether	3.965	74	43697	15.716	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	69152	19.142	ug/l	95
10) Methyl Iodide	4.577	142	43808	20.827	ug/l	89
11) Tert butyl alcohol	5.530	59	82683	90.278	ug/l	99
12) 1,1-Dichloroethene	4.336	96	69041	18.598	ug/l #	80
13) Acrolein	4.171	56	83155	73.854	ug/l	97
14) Allyl chloride	5.012	41	110605	16.441	ug/l	97
15) Acrylonitrile	5.706	53	233845	90.533	ug/l	99
16) Acetone	4.424	43	205702	71.626	ug/l	98
17) Carbon Disulfide	4.706	76	200329	19.602	ug/l	100
18) Methyl Acetate	5.024	43	113978	18.955	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	249802	17.937	ug/l	95
20) Methylene Chloride	5.259	84	84298	19.537	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	79016	19.639	ug/l	87
22) Diisopropyl ether	6.659	45	255292	17.585	ug/l	99
23) Vinyl Acetate	6.594	43	1150630	87.117	ug/l	98
24) 1,1-Dichloroethane	6.559	63	144269	18.125	ug/l	96
25) 2-Butanone	7.471	43	333510	88.269	ug/l	100
26) 2,2-Dichloropropane	7.477	77	131442	19.240	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	92480	19.227	ug/l	97
28) Bromochloromethane	7.794	49	73586	19.122	ug/l	88
29) Tetrahydrofuran	7.824	42	206232	84.814	ug/l	94
30) Chloroform	7.947	83	158601	19.521	ug/l	97
31) Cyclohexane	8.241	56	125219	18.870	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	137898	20.028	ug/l	96
36) 1,1-Dichloropropene	8.353	75	106528	20.536	ug/l	97
37) Ethyl Acetate	7.553	43	131611	18.567	ug/l	97
38) Carbon Tetrachloride	8.341	117	115718	22.593	ug/l	99
39) Methylcyclohexane	9.582	83	122666	21.478	ug/l	98
40) Benzene	8.588	78	338081	21.249	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	70131	19.099	ug/l	99
42) 1,2-Dichloroethane	8.653	62	119085	19.477	ug/l	99
43) Isopropyl Acetate	8.671	43	207810	18.777	ug/l	98
44) Trichloroethene	9.335	130	78773	21.685	ug/l	85
45) 1,2-Dichloropropane	9.606	63	82620	19.700	ug/l	99
46) Dibromomethane	9.688	93	65082	21.807	ug/l	96
47) Bromodichloromethane	9.871	83	125568	20.529	ug/l	97
48) Methyl methacrylate	9.665	41	96049	18.348	ug/l	96
49) 1,4-Dioxane	9.682	88	28932	426.407	ug/l #	99
51) 4-Methyl-2-Pentanone	10.423	43	658214	98.575	ug/l	99
52) Toluene	10.612	92	203271	20.608	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	127776	20.182	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	134442	20.451	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	81093	21.252	ug/l	98
56) Ethyl methacrylate	10.853	69	116289	19.070	ug/l	96
57) 1,3-Dichloropropane	11.141	76	137340	20.337	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	289320	87.657	ug/l	97
59) 2-Hexanone	11.176	43	423396	100.330	ug/l	96
60) Dibromochloromethane	11.341	129	94671	21.412	ug/l	99
61) 1,2-Dibromoethane	11.447	107	82947	20.616	ug/l	95
64) Tetrachloroethene	11.082	164	66335	21.958	ug/l	89
65) Chlorobenzene	11.870	112	225789	20.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	79925	22.224	ug/l	98
67) Ethyl Benzene	11.941	91	382589	20.398	ug/l	94
68) m/p-Xylenes	12.047	106	294032	42.744	ug/l	96
69) o-Xylene	12.376	106	139359	20.673	ug/l	97
70) Styrene	12.388	104	236513	20.942	ug/l	97
71) Bromoform	12.559	173	64911	23.534	ug/l #	96
73) Isopropylbenzene	12.676	105	357192	18.600	ug/l	98
74) N-amyl acetate	12.553	43	17945	2.466	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.917	83	129788	19.630	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	160117	28.730	ug/l	61
77) Bromobenzene	12.959	156	91531	20.214	ug/l	90
78) n-propylbenzene	13.012	91	453422	19.168	ug/l	97
79) 2-Chlorotoluene	13.106	91	268873	18.888	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	312066	19.155	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	38231	18.161	ug/l	87
82) 4-Chlorotoluene	13.200	91	279475	18.673	ug/l	96
83) tert-Butylbenzene	13.417	119	265705	19.572	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	312493	19.161	ug/l	99
85) sec-Butylbenzene	13.594	105	400340	19.872	ug/l	99
86) p-Isopropyltoluene	13.706	119	333389	20.040	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	178253	19.990	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	184513	19.884	ug/l	97
89) n-Butylbenzene	14.035	91	313663	18.985	ug/l	99
90) Hexachloroethane	14.311	117	64447	20.334	ug/l	90
91) 1,2-Dichlorobenzene	14.088	146	172217	20.358	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27650	17.604	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	100215	19.728	ug/l	99
94) Hexachlorobutadiene	15.476	225	38363	21.183	ug/l	100
95) Naphthalene	15.611	128	313574	17.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	99454	20.026	ug/l	97

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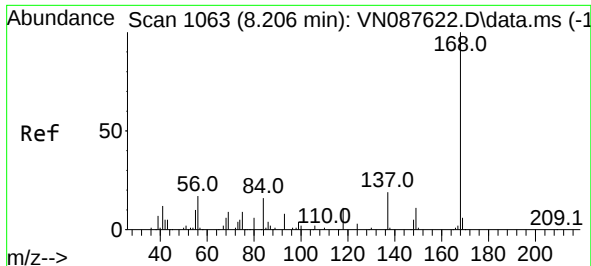
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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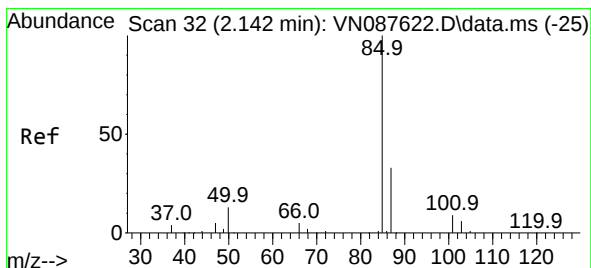
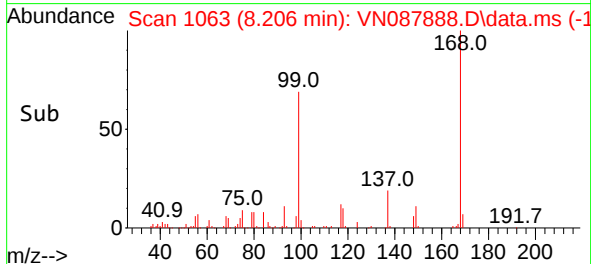
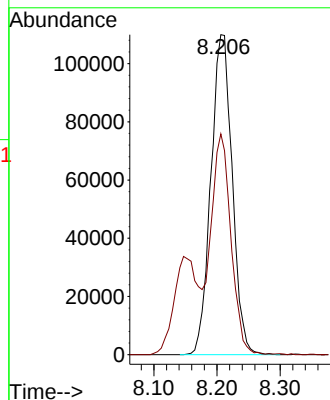
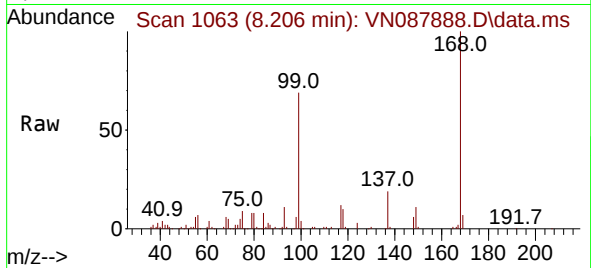




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087888.D
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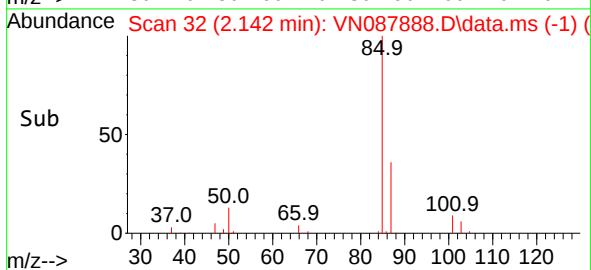
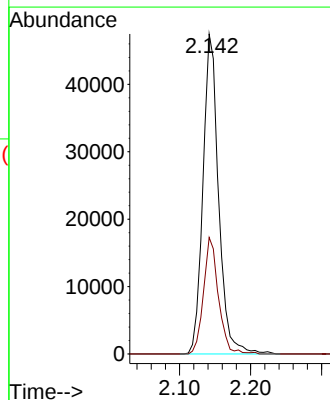
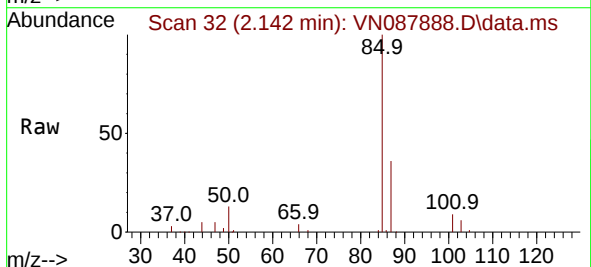
Instrument :
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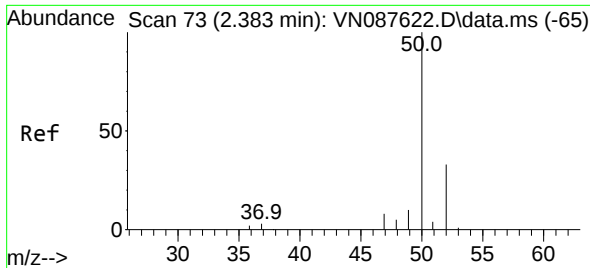
Tgt Ion:168 Resp: 257489
Ion Ratio Lower Upper
168 100
99 68.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 19.932 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 85 Resp: 72891
Ion Ratio Lower Upper
85 100
87 36.4 16.6 49.8

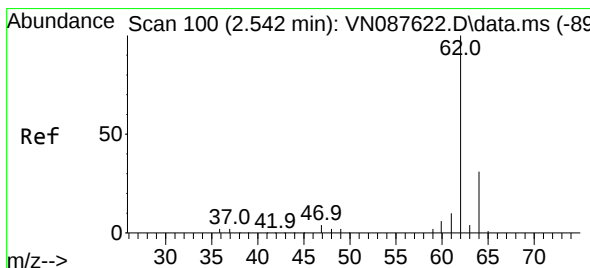
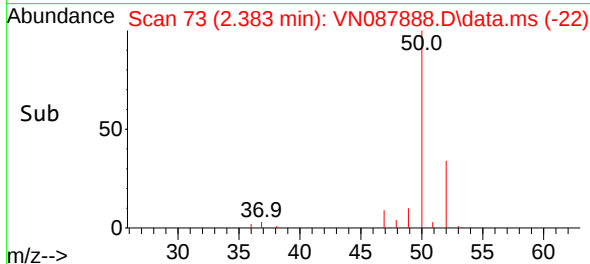
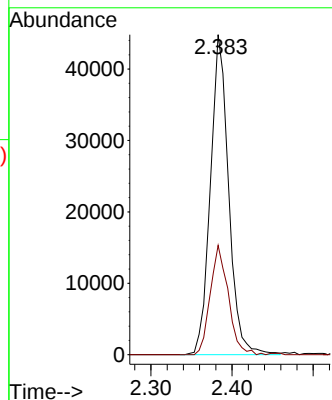
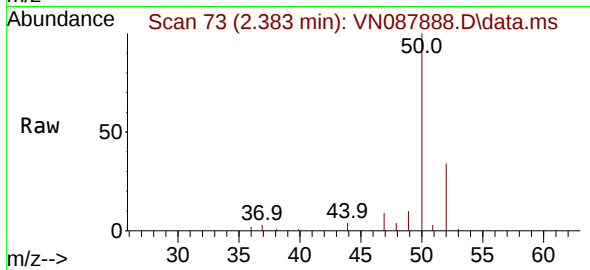




#3
Chloromethane
Concen: 18.597 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

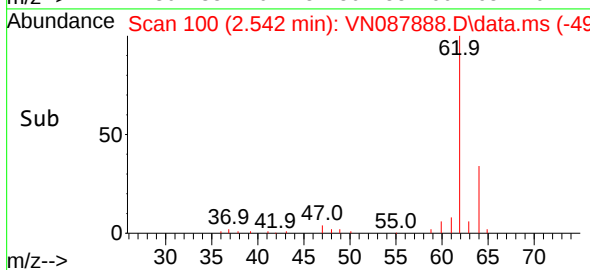
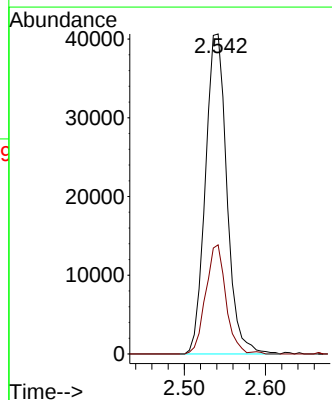
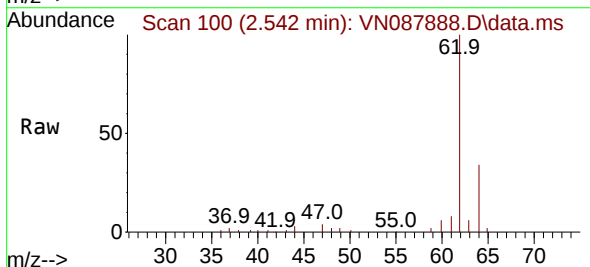
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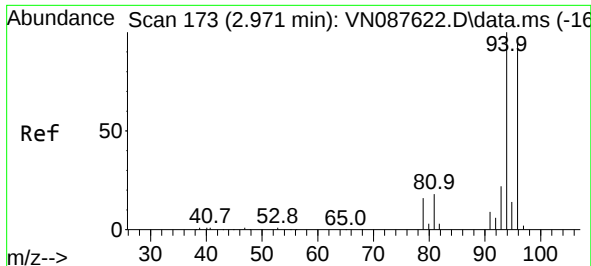
Tgt Ion: 50 Resp: 69892
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.4



#4
Vinyl Chloride
Concen: 17.130 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 62 Resp: 74644
Ion Ratio Lower Upper
62 100
64 34.1 24.6 37.0

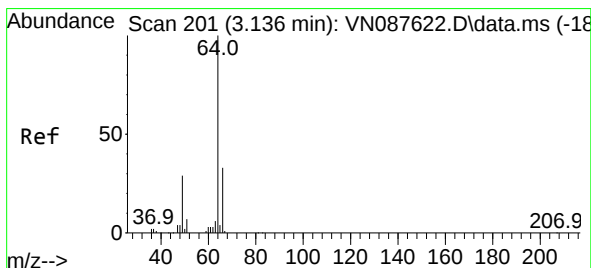
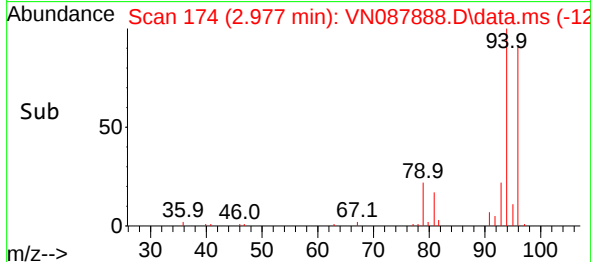
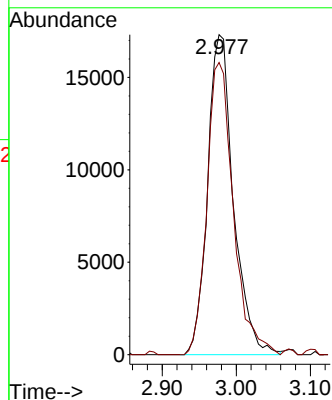
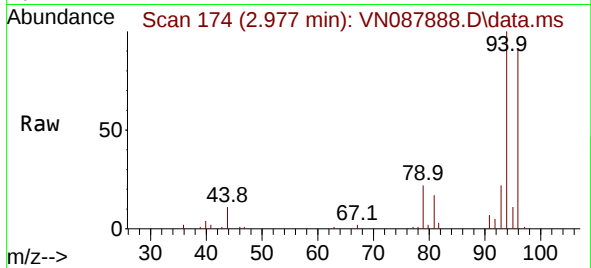




#5
Bromomethane
Concen: 18.690 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

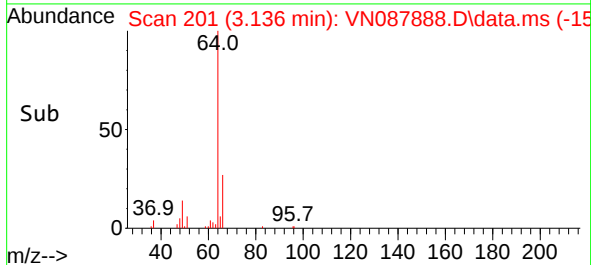
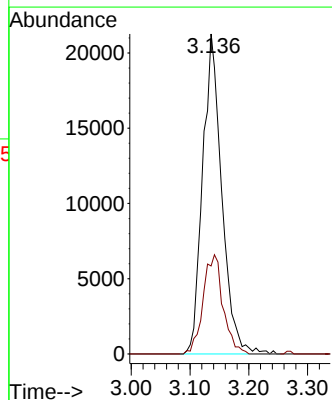
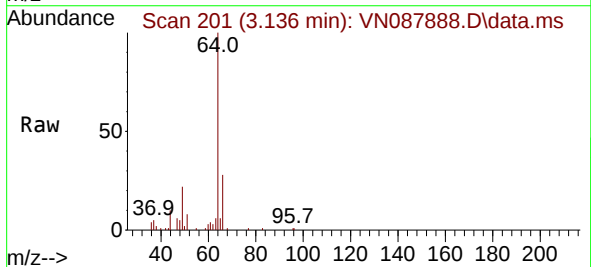
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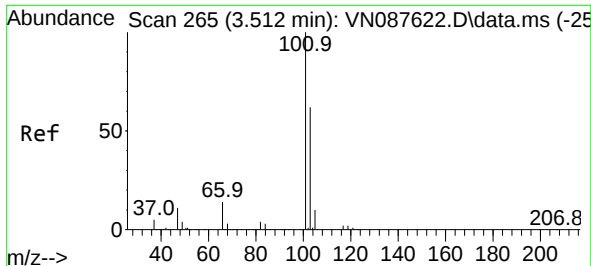
Tgt Ion: 94 Resp: 42023
Ion Ratio Lower Upper
94 100
96 91.3 75.4 113.2



#6
Chloroethane
Concen: 15.704 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 64 Resp: 48097
Ion Ratio Lower Upper
64 100
66 27.5 26.2 39.2

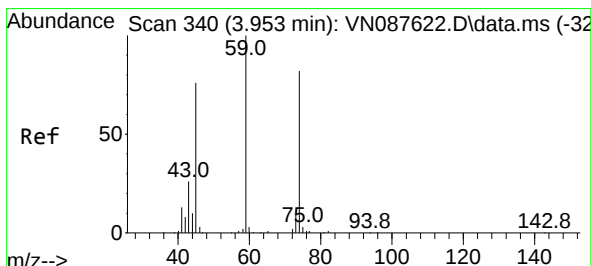
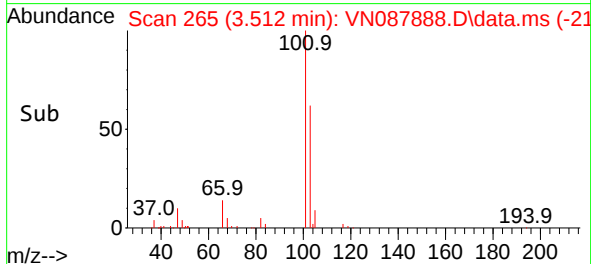
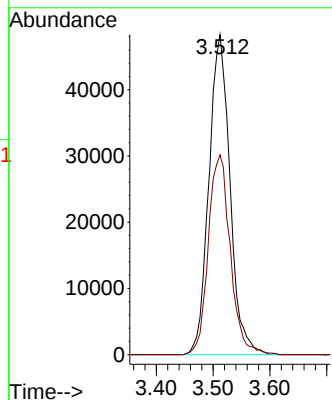
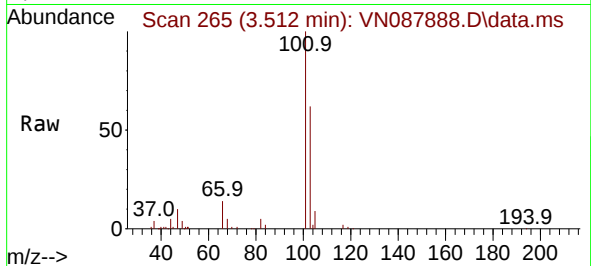




#7
 Trichlorofluoromethane
 Concen: 19.479 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087888.D
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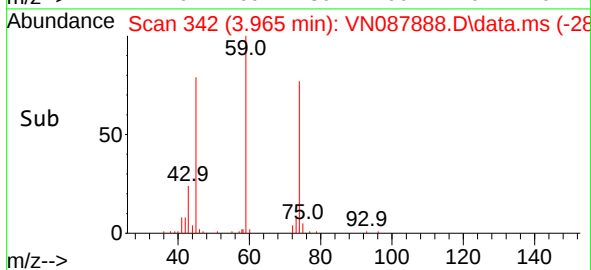
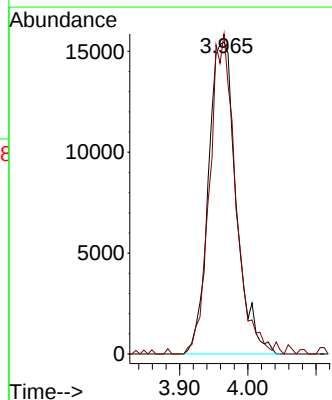
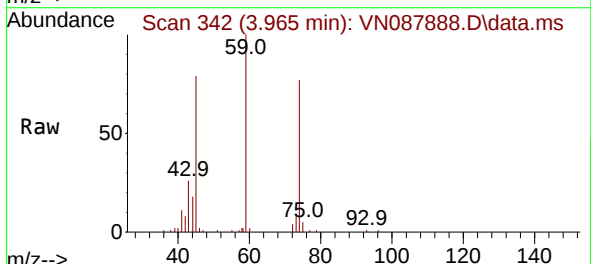
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 124358
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 15.716 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion: 74 Resp: 43697
 Ion Ratio Lower Upper
 74 100
 45 95.7 50.6 151.9

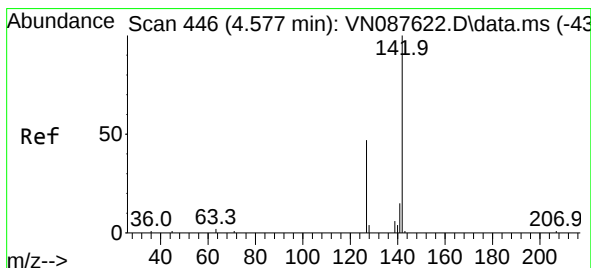
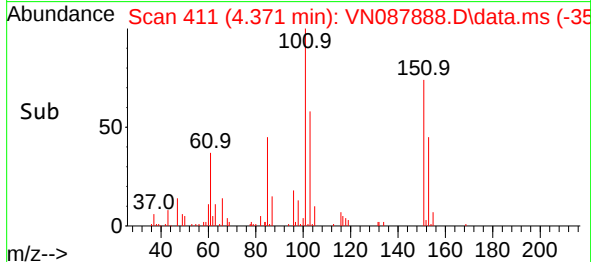
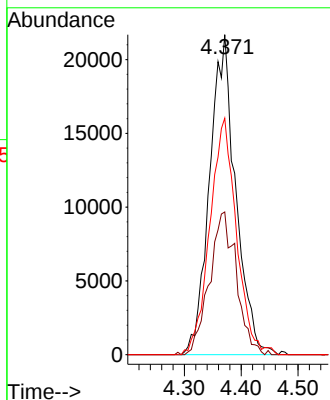
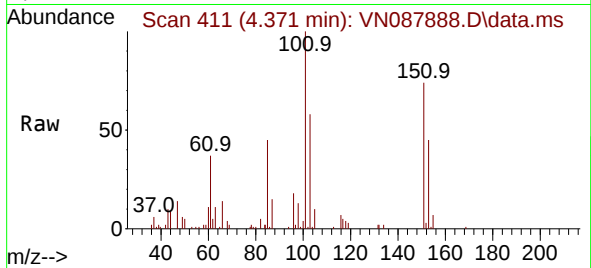




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.142 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

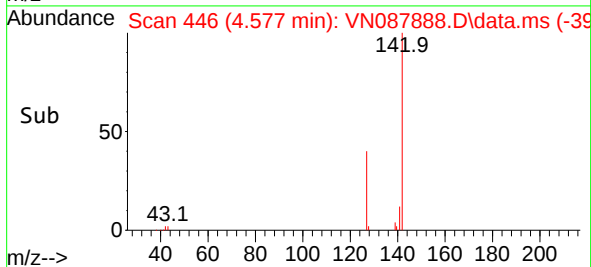
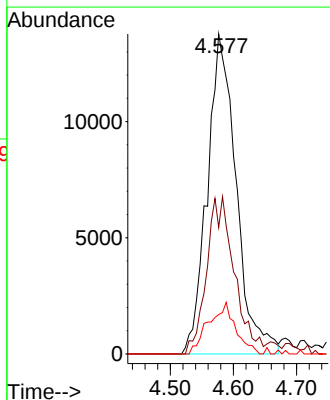
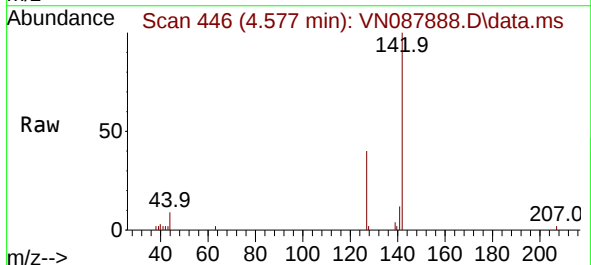
Instrument :
MSVOA_N
ClientSampleId :

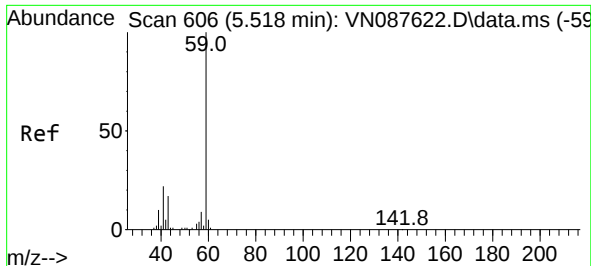
Tgt Ion:101 Resp: 69152
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 75.5 54.7 82.1



#10
Methyl Iodide
Concen: 20.827 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion:142 Resp: 43808
Ion Ratio Lower Upper
142 100
127 39.6 38.0 57.0
141 12.3 12.0 18.0

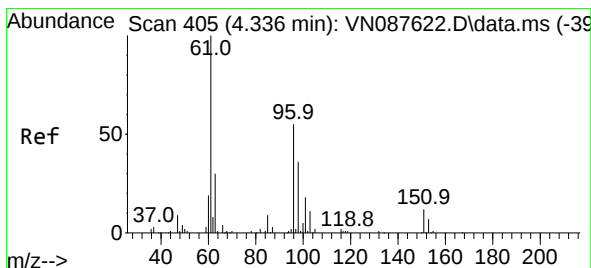
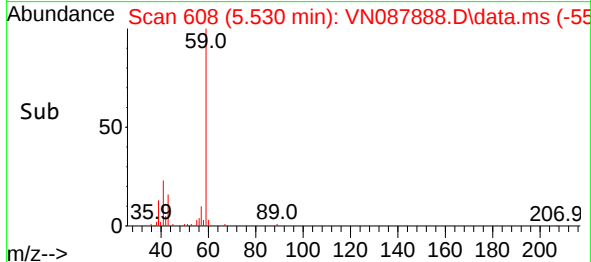
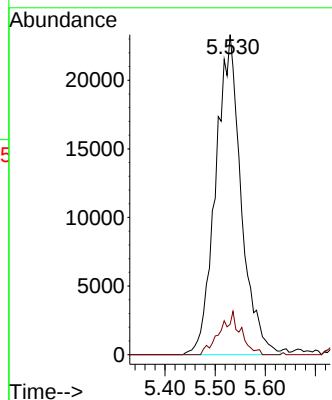
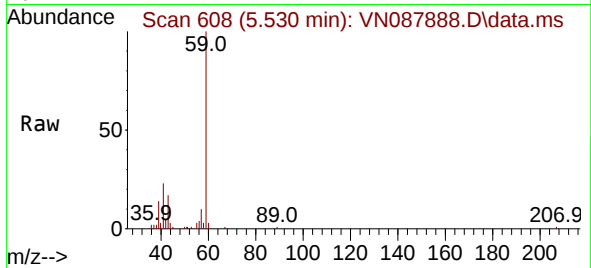




#11
Tert butyl alcohol
Concen: 90.278 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

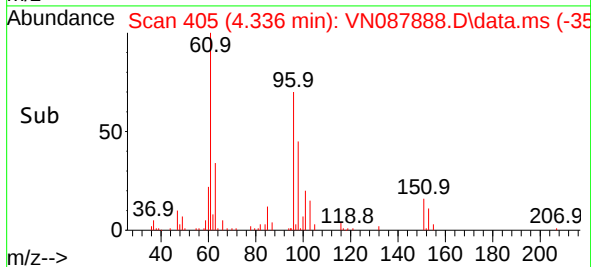
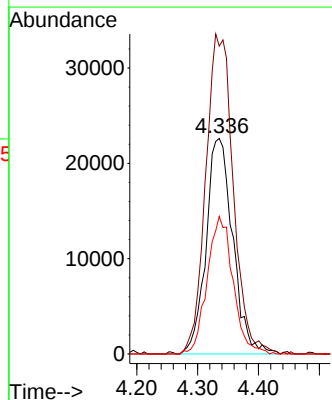
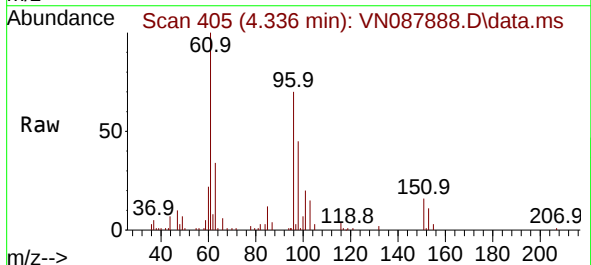
Instrument :
MSVOA_N
ClientSampleId :

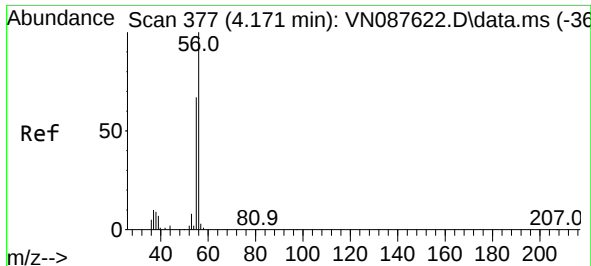
Tgt Ion: 59 Resp: 82683
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.598 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 96 Resp: 69041
Ion Ratio Lower Upper
96 100
61 142.8 143.8 215.8#
98 63.9 52.1 78.1





#13

Acrolein

Concen: 73.854 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

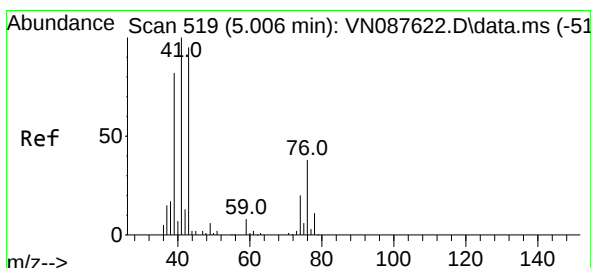
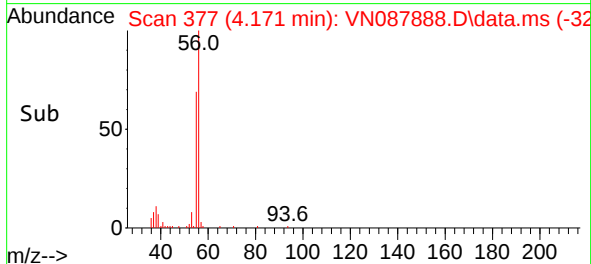
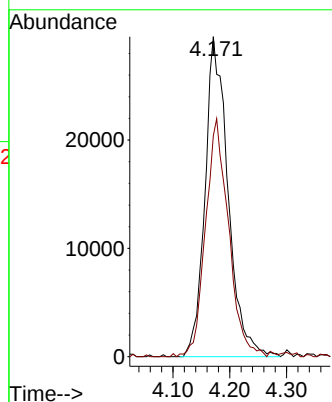
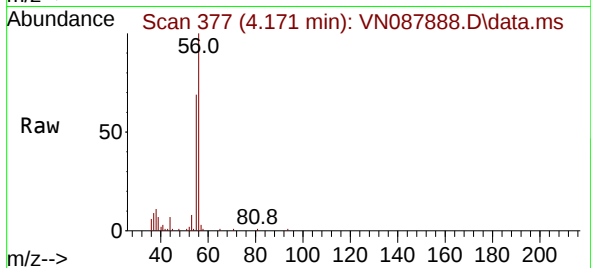
ClientSampleId :

Tgt Ion: 56 Resp: 83155

Ion Ratio Lower Upper

56 100

55 74.5 57.3 85.9



#14

Allyl chloride

Concen: 16.441 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

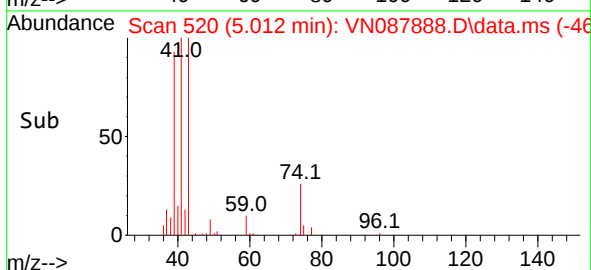
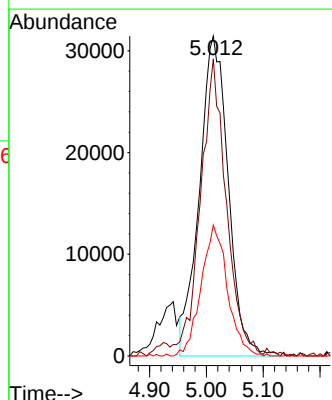
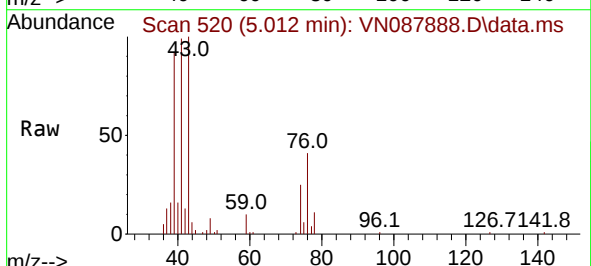
Tgt Ion: 41 Resp: 110605

Ion Ratio Lower Upper

41 100

39 82.5 63.9 95.9

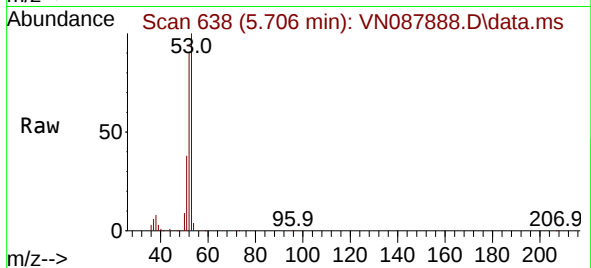
76 37.4 28.1 42.1



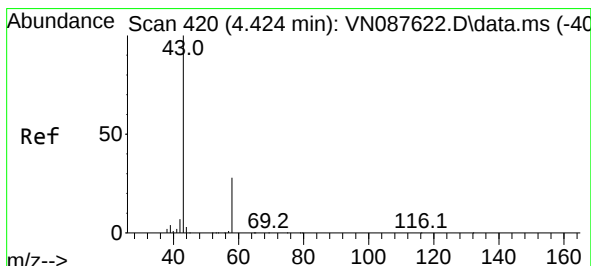
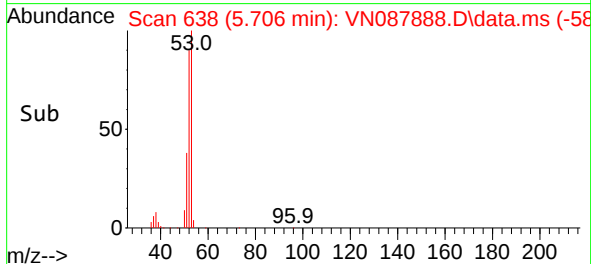
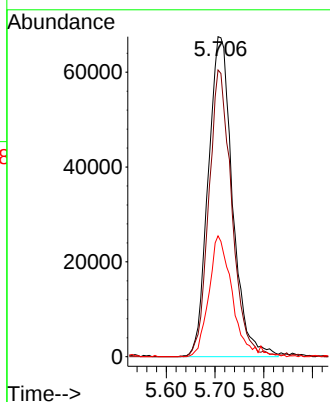


#15
Acrylonitrile
Concen: 90.533 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :

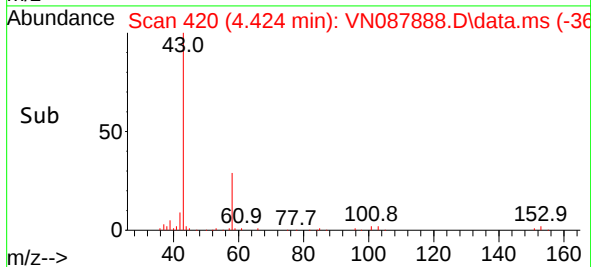
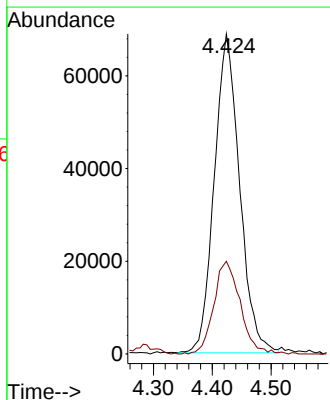
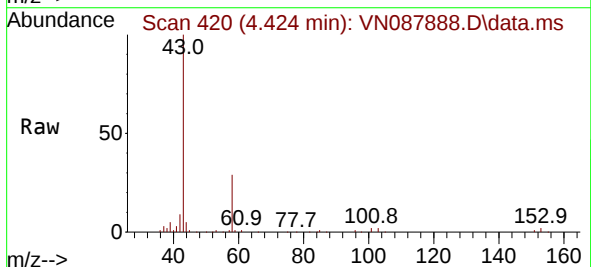


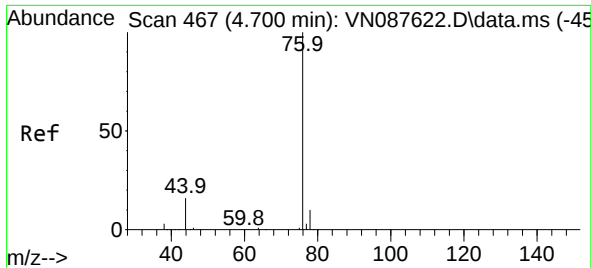
Tgt Ion: 53 Resp: 233845
Ion Ratio Lower Upper
53 100
52 84.5 67.6 101.4
51 35.7 30.1 45.1



#16
Acetone
Concen: 71.626 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 43 Resp: 205702
Ion Ratio Lower Upper
43 100
58 29.0 22.6 33.8

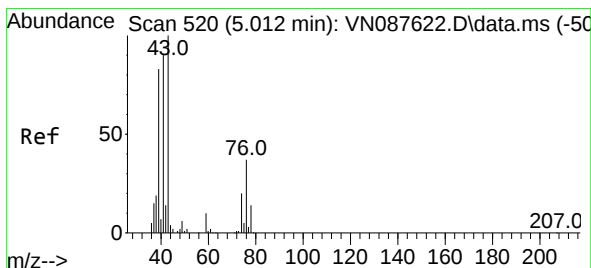
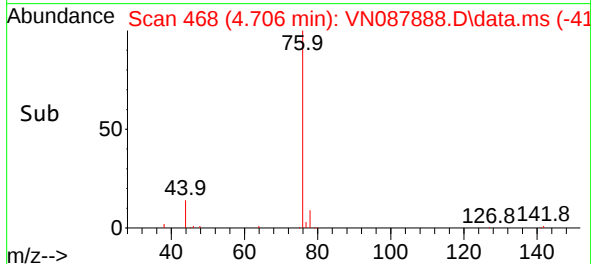
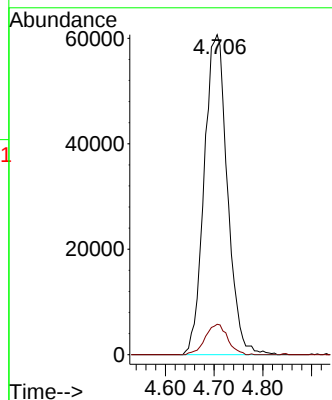
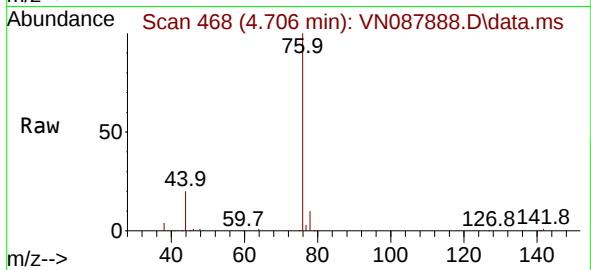




#17
Carbon Disulfide
Concen: 19.602 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

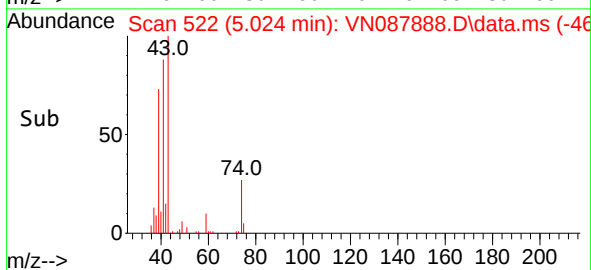
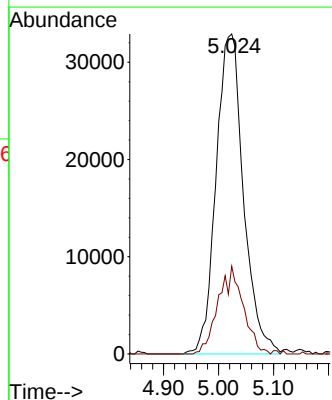
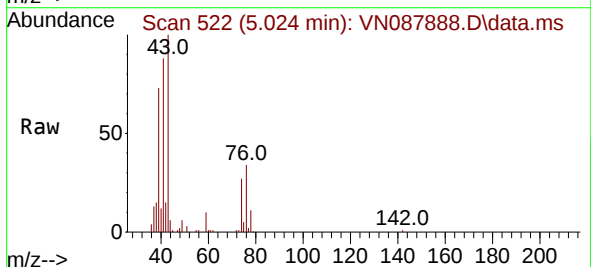
Instrument :
MSVOA_N
ClientSampleId :

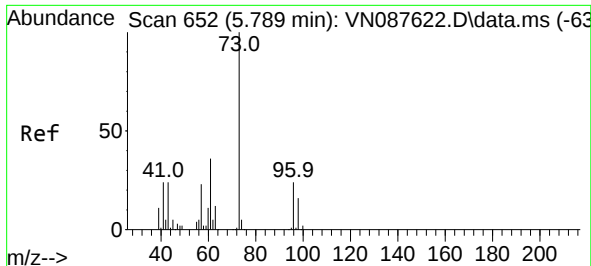
Tgt Ion: 76 Resp: 200329
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 18.955 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 43 Resp: 113978
Ion Ratio Lower Upper
43 100
74 25.1 17.6 26.4

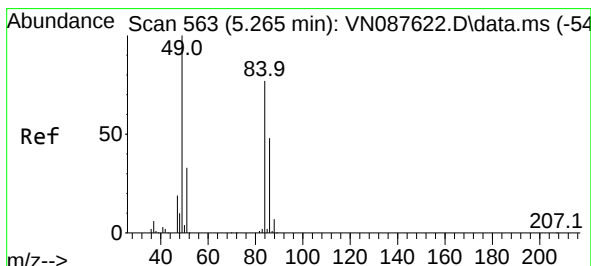
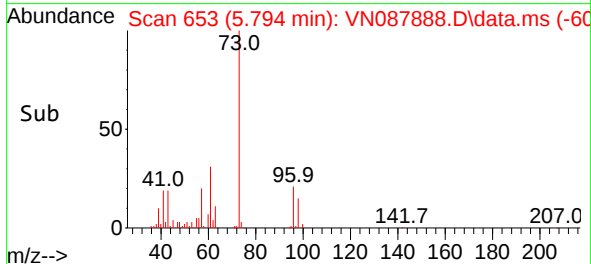
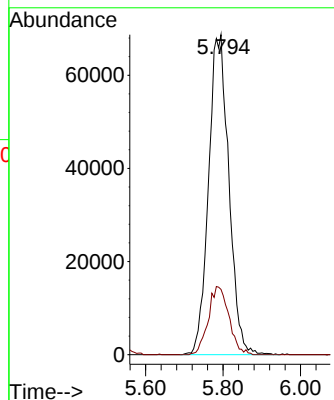
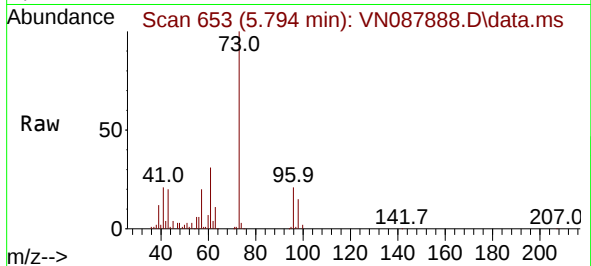




#19
Methyl tert-butyl Ether
Concen: 17.937 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

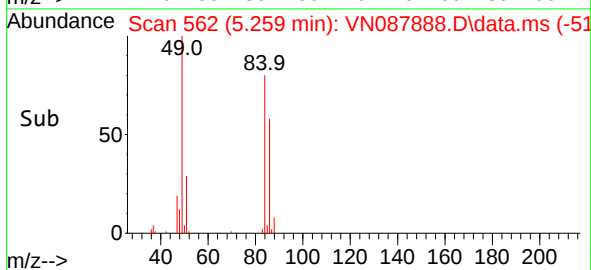
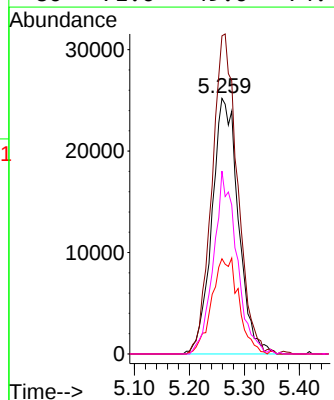
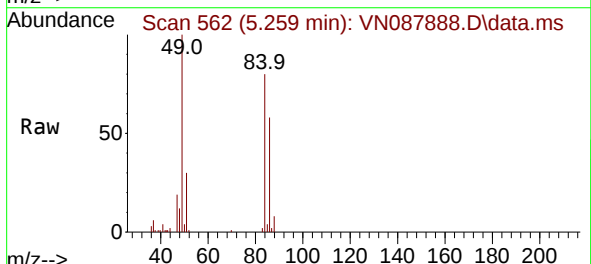
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 249802
Ion Ratio Lower Upper
73 100
57 20.4 18.4 27.6



#20
Methylene Chloride
Concen: 19.537 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 84 Resp: 84298
Ion Ratio Lower Upper
84 100
49 124.4 103.4 155.2
51 37.2 33.8 50.8
86 71.6 49.6 74.4

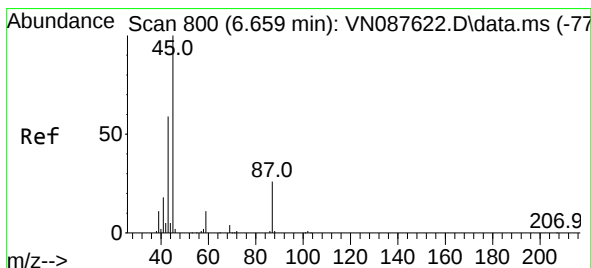
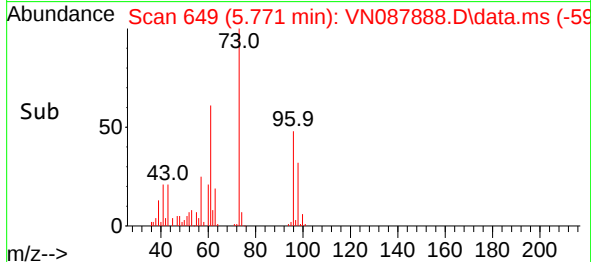
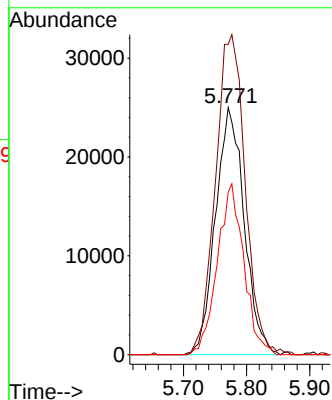
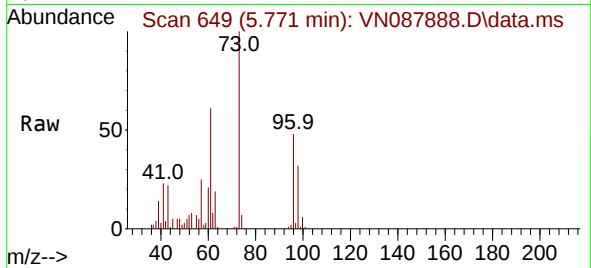




#21
trans-1,2-Dichloroethene
Concen: 19.639 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

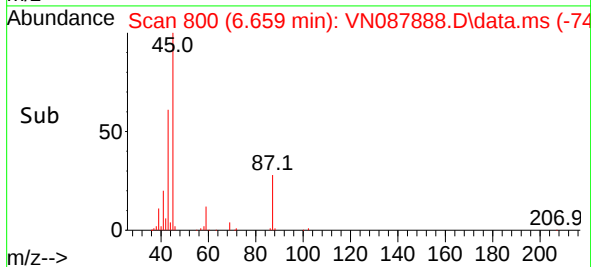
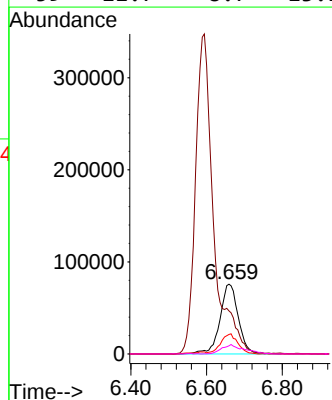
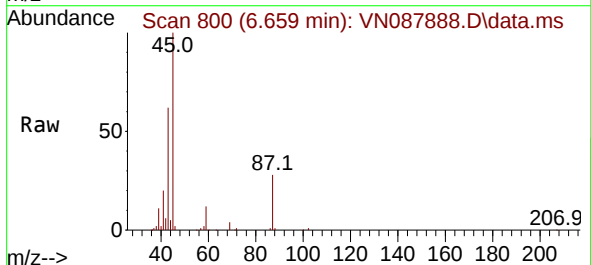
Instrument :
MSVOA_N
ClientSampleId :

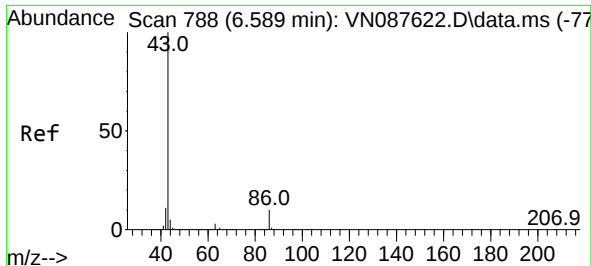
Tgt Ion: 96 Resp: 79016
Ion Ratio Lower Upper
96 100
61 125.6 118.0 177.0
98 65.7 50.0 75.0



#22
Diisopropyl ether
Concen: 17.585 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 45 Resp: 255292
Ion Ratio Lower Upper
45 100
43 60.2 47.7 71.5
87 28.0 21.4 32.0
59 11.7 8.7 13.1

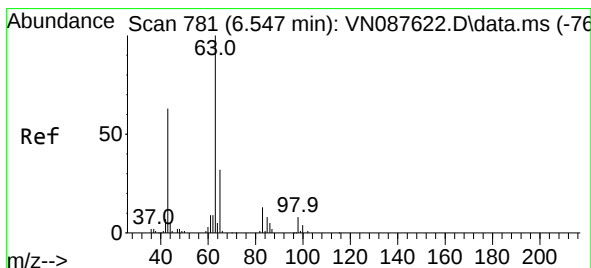
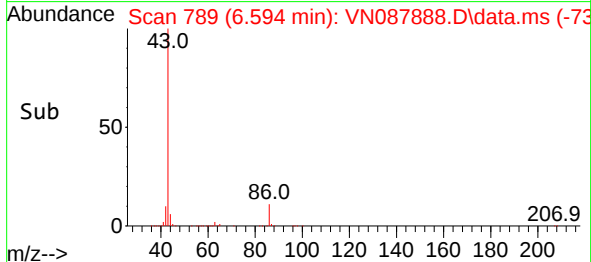
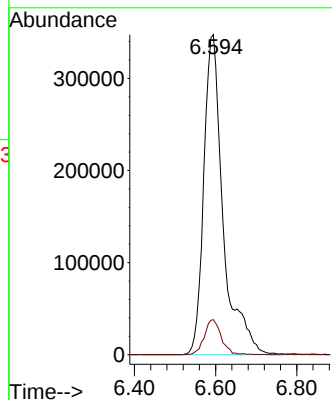
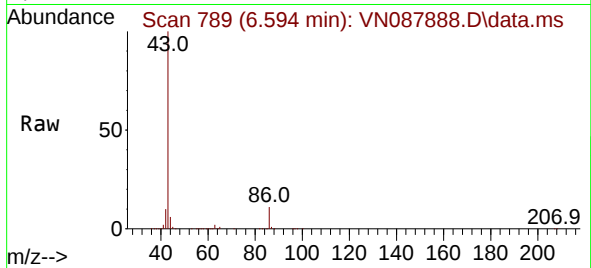




#23
 Vinyl Acetate
 Concen: 87.117 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

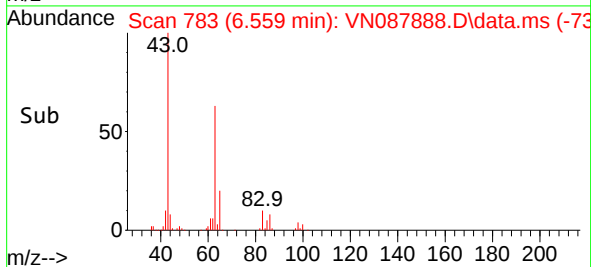
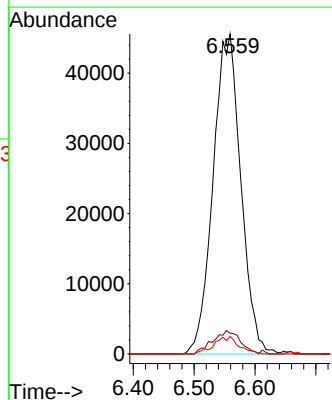
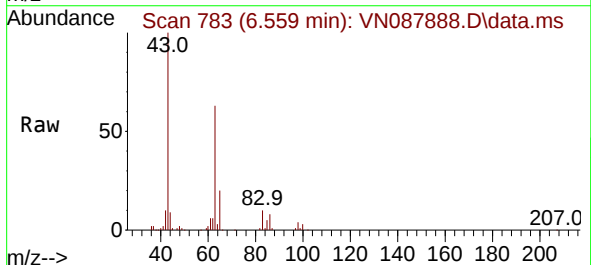
Instrument :
 MSVOA_N
 ClientSampleId :

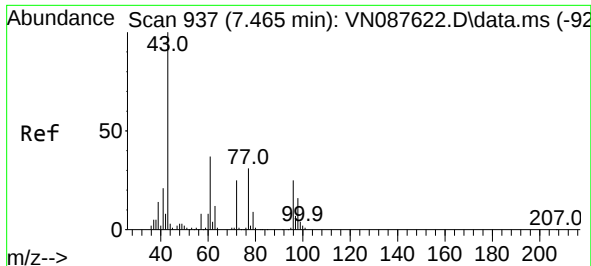
Tgt Ion: 43 Resp: 1150630
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 18.125 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion: 63 Resp: 144269
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 5.5 2.0 6.0

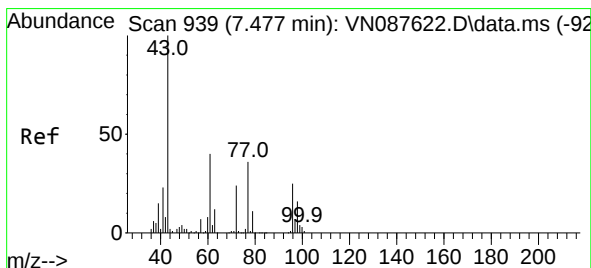
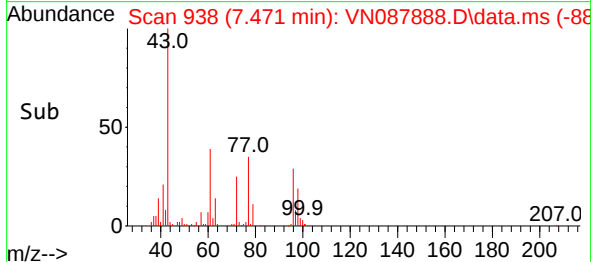
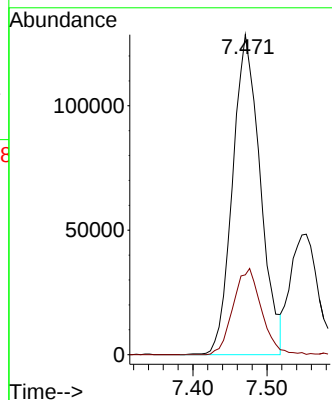
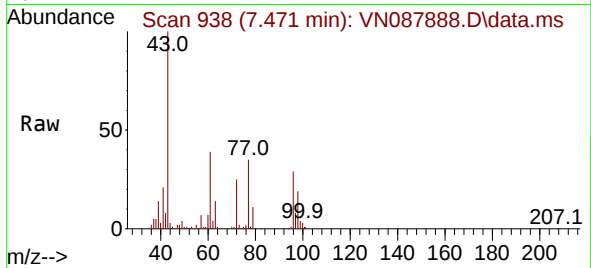




#25
2-Butanone
Concen: 88.269 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

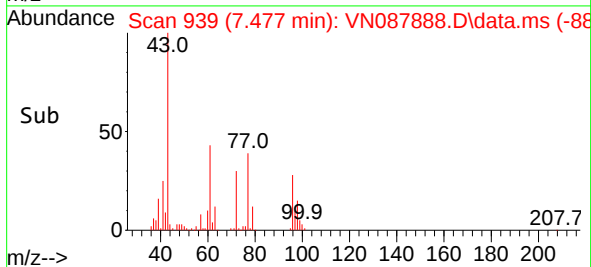
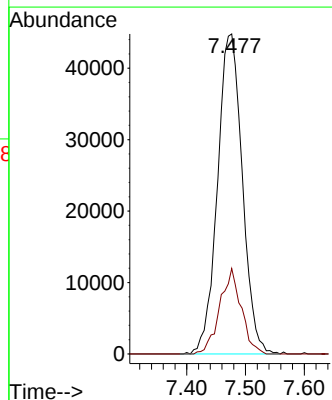
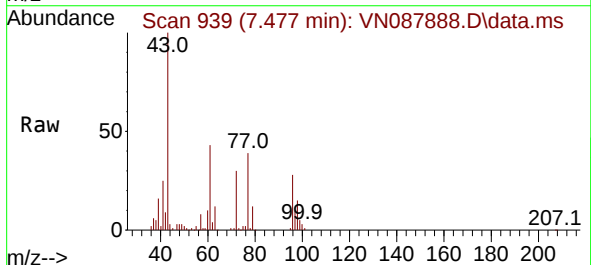
Instrument :
MSVOA_N
ClientSampleId :

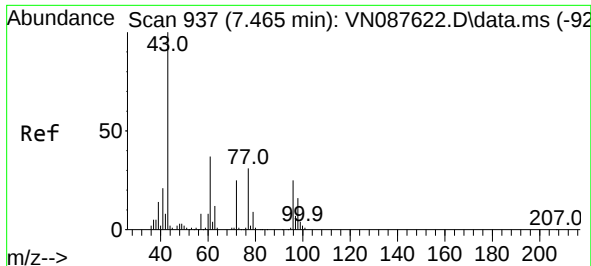
Tgt Ion: 43 Resp: 333510
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.240 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 77 Resp: 131442
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.7

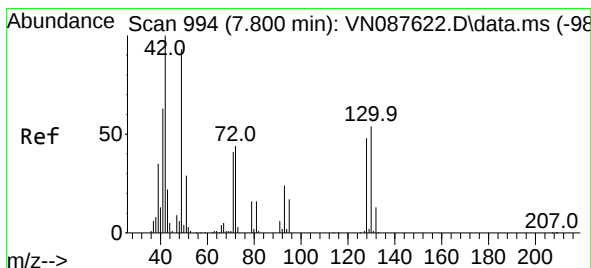
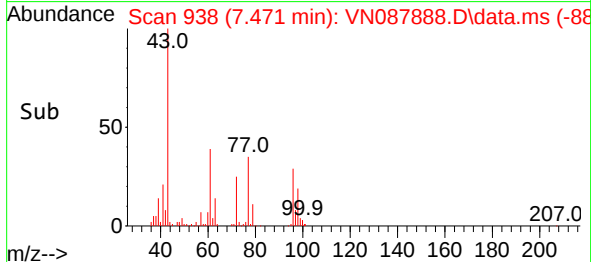
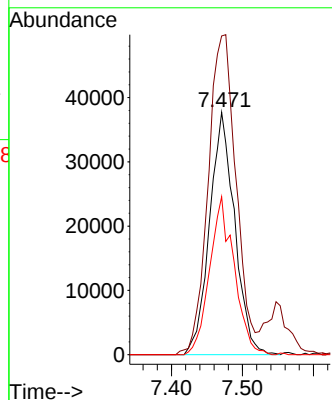
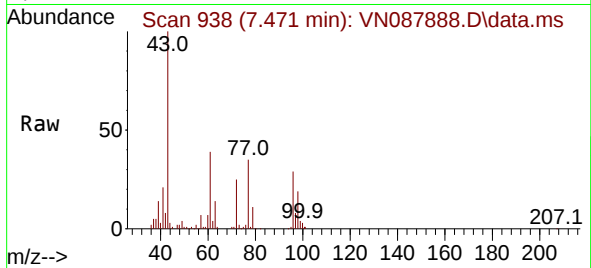




#27
 cis-1,2-Dichloroethene
 Concen: 19.227 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

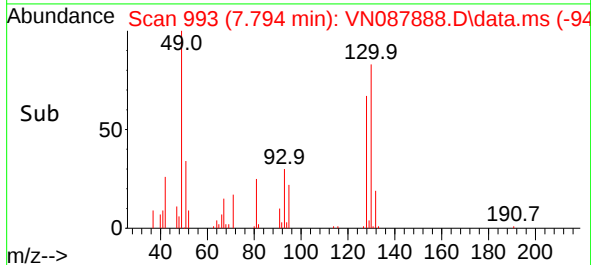
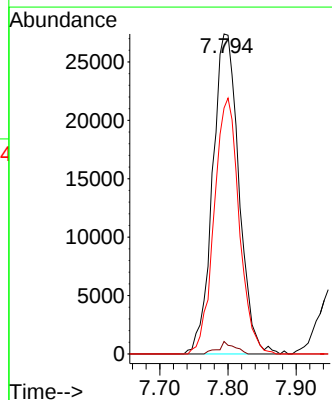
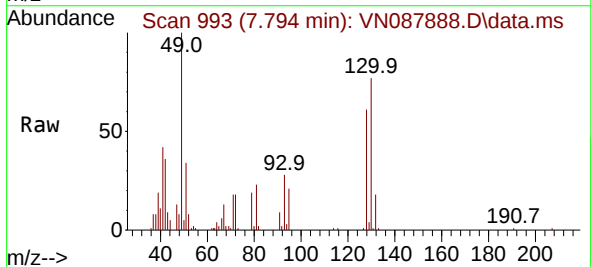
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 92480
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 301.8
 98 63.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.122 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion: 49 Resp: 73586
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.0
 130 76.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 84.814 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

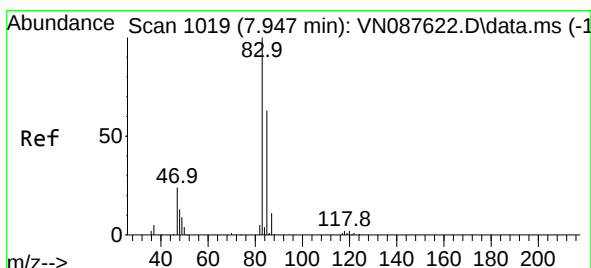
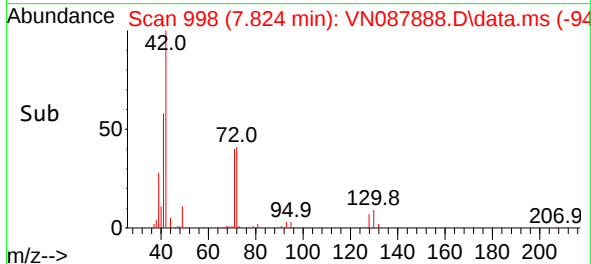
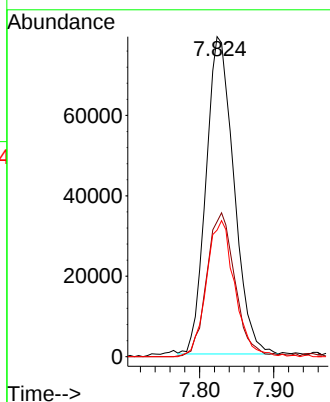
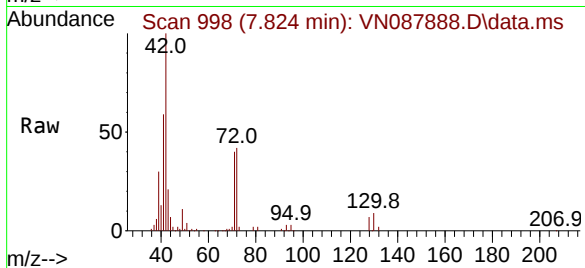
Tgt Ion: 42 Resp: 206232

Ion Ratio Lower Upper

42 100

72 45.6 33.7 50.5

71 43.5 31.9 47.9



#30

Chloroform

Concen: 19.521 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087888.D

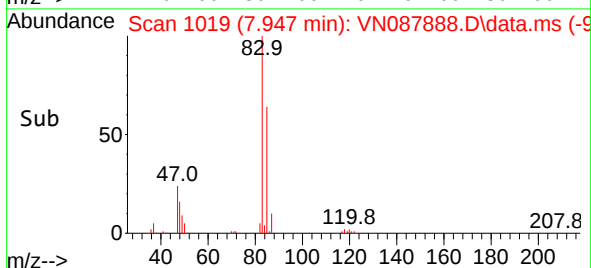
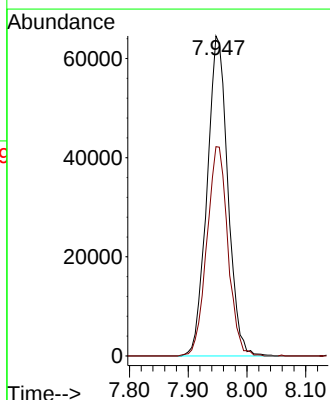
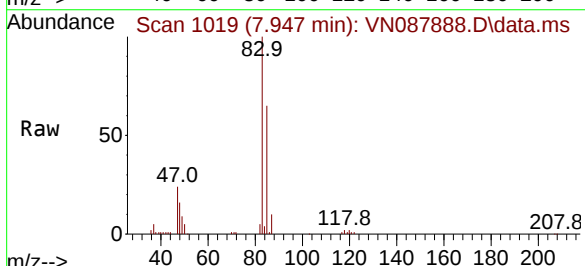
Acq: 18 Sep 2025 11:40

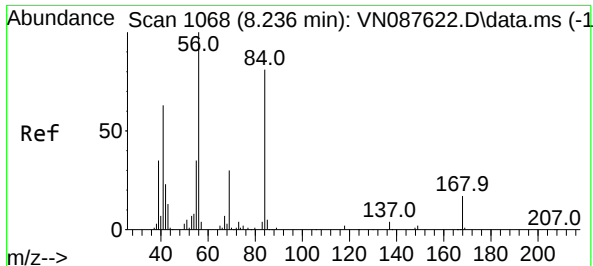
Tgt Ion: 83 Resp: 158601

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1

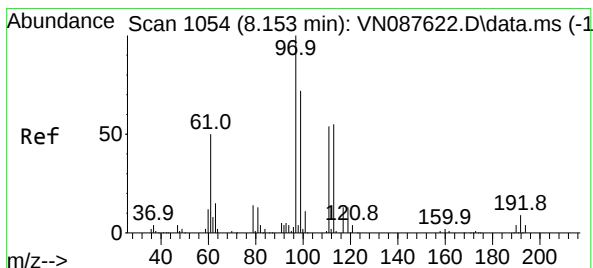
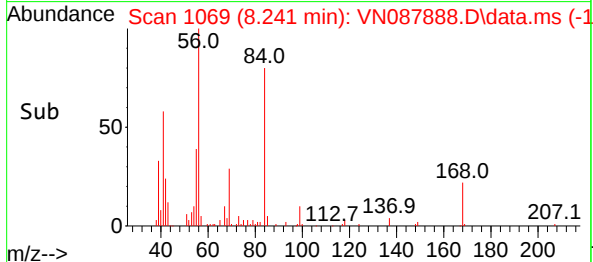
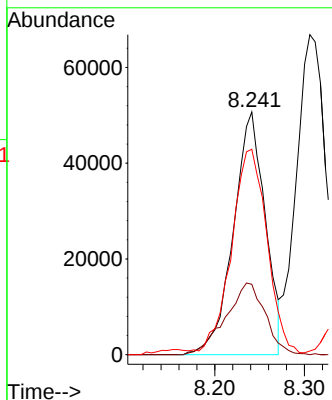
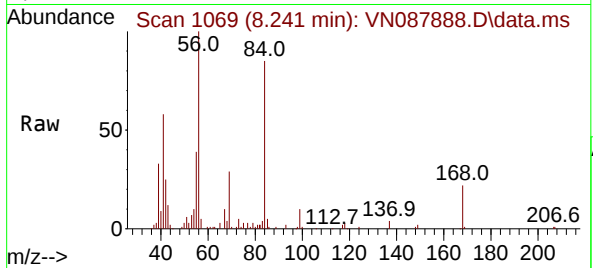




#31
Cyclohexane
Concen: 18.870 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

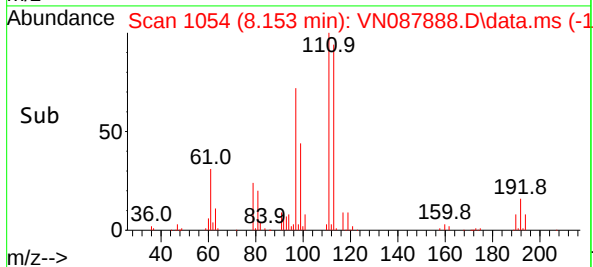
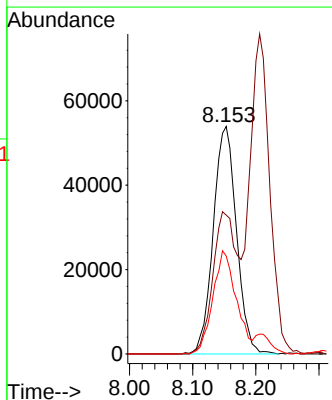
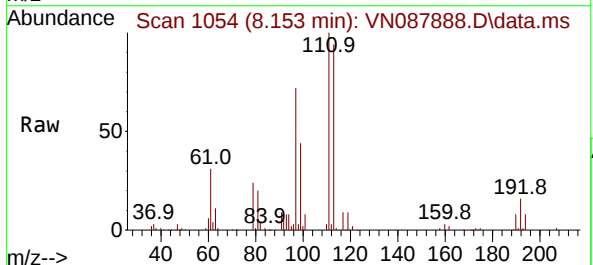
Instrument :
MSVOA_N
ClientSampleId :

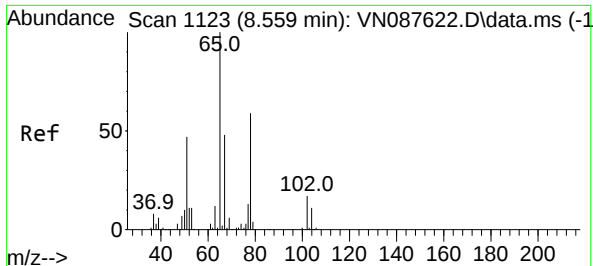
Tgt Ion: 56 Resp: 125219
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 82.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 20.028 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 97 Resp: 137898
Ion Ratio Lower Upper
97 100
99 65.7 52.2 78.2
61 46.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.644 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

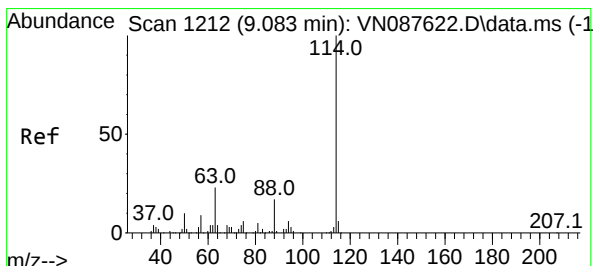
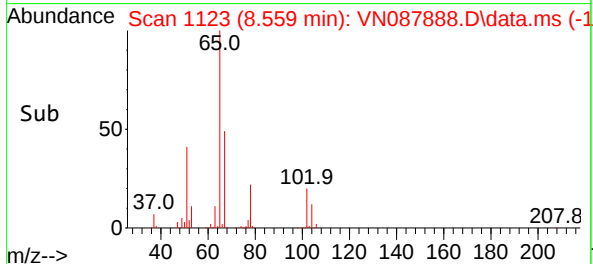
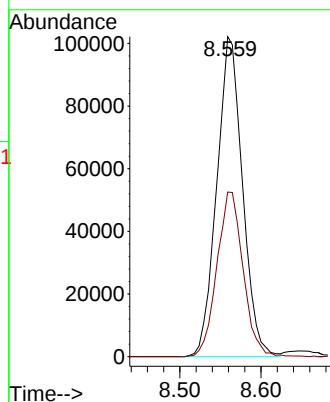
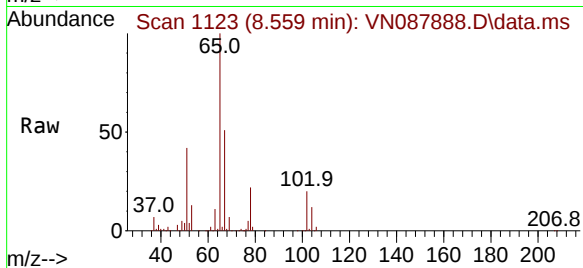
ClientSampleId :

Tgt Ion: 65 Resp: 224976

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

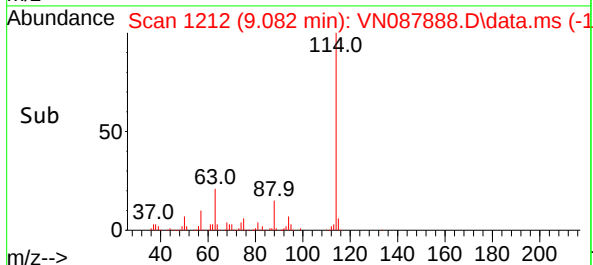
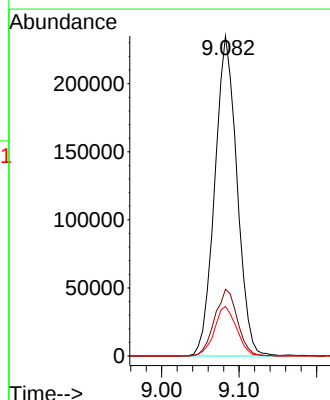
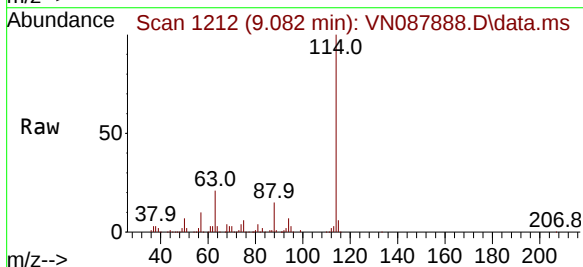
Tgt Ion: 114 Resp: 468340

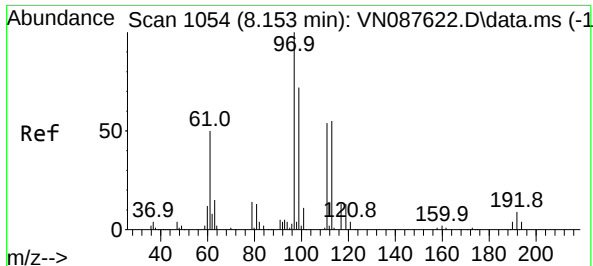
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.2

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.297 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

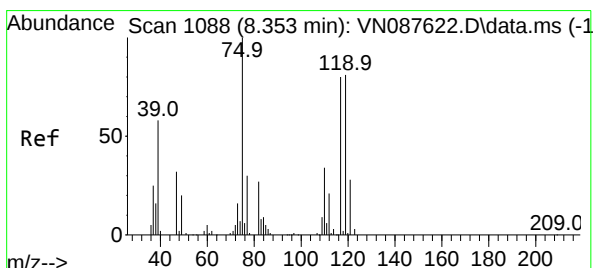
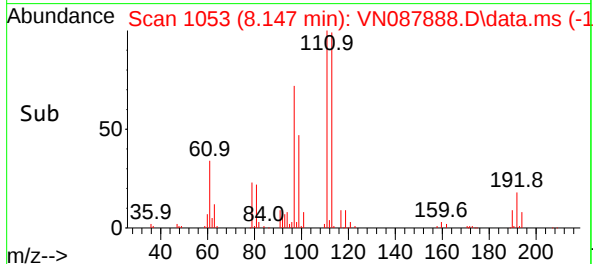
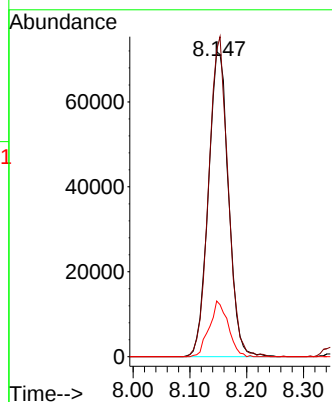
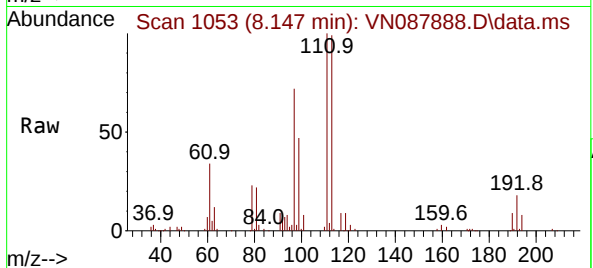
Tgt Ion:113 Resp: 176838

Ion Ratio Lower Upper

113 100

111 100.6 82.8 124.2

192 17.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 20.536 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

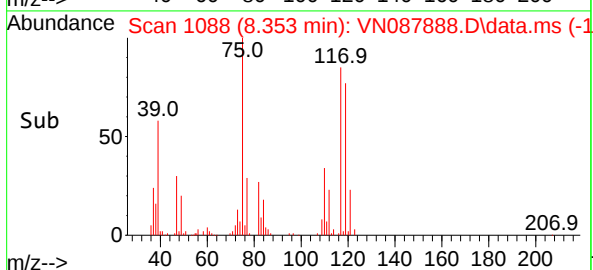
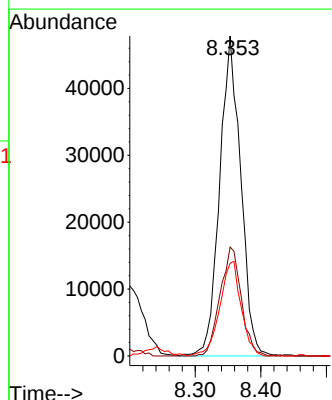
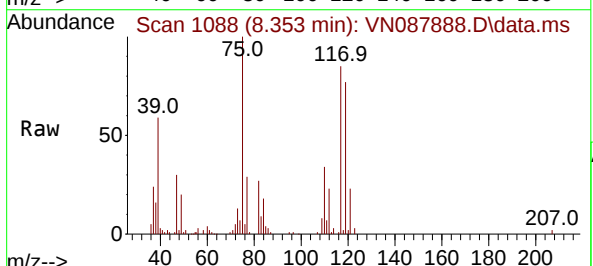
Tgt Ion: 75 Resp: 106528

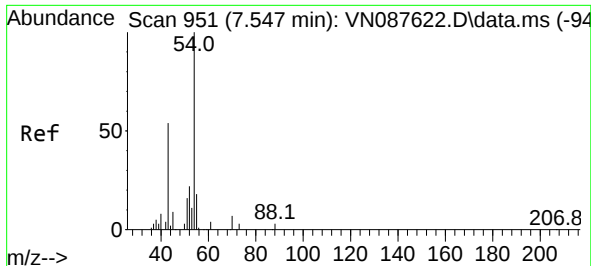
Ion Ratio Lower Upper

75 100

110 34.2 15.9 47.6

77 30.0 24.4 36.6





#37

Ethyl Acetate

Concen: 18.567 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

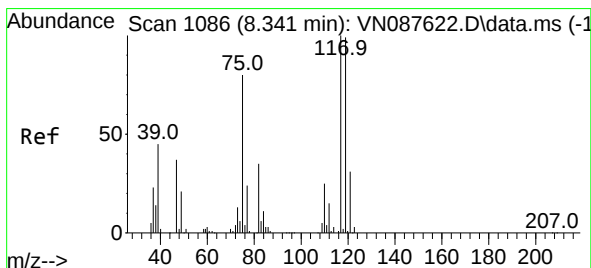
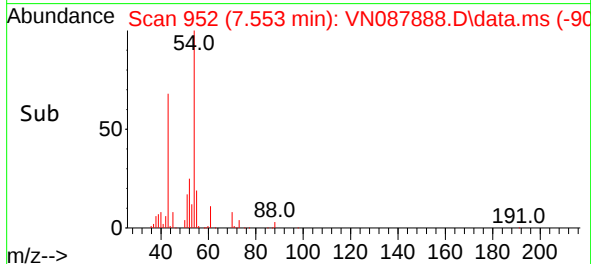
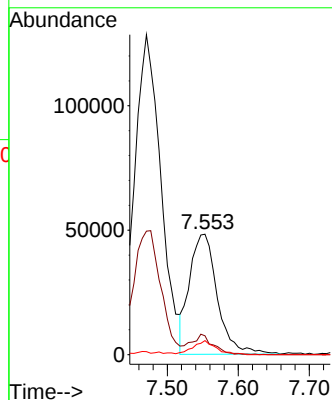
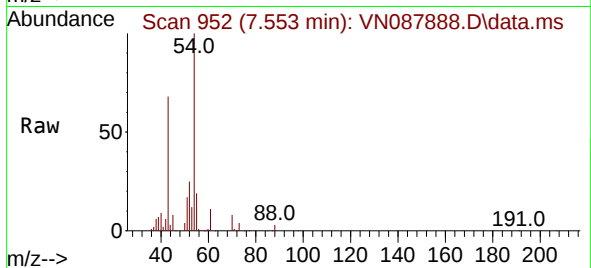
Tgt Ion: 43 Resp: 131611

Ion Ratio Lower Upper

43 100

61 13.1 9.3 13.9

70 9.6 7.0 10.6



#38

Carbon Tetrachloride

Concen: 22.593 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

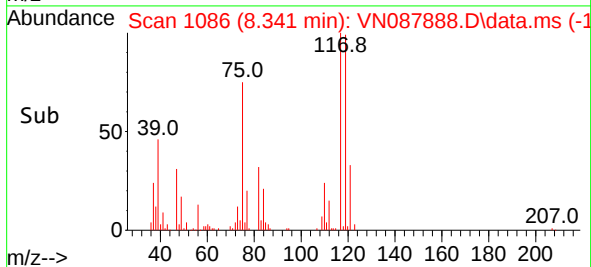
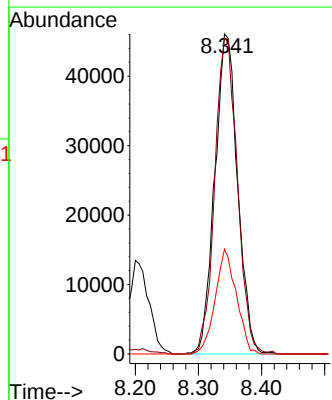
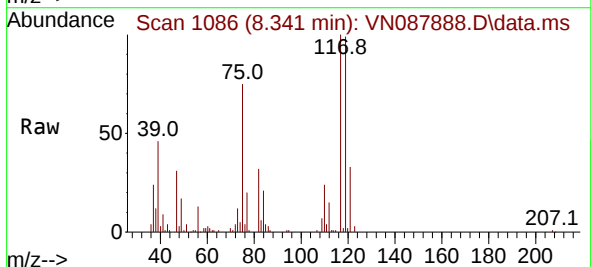
Tgt Ion:117 Resp: 115718

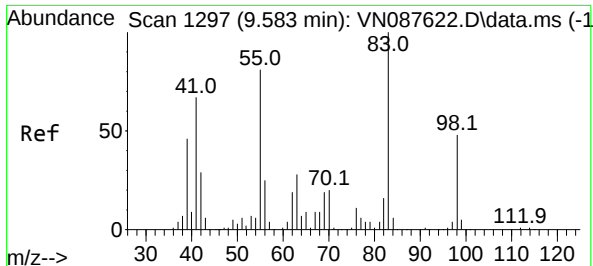
Ion Ratio Lower Upper

117 100

119 98.6 79.0 118.6

121 32.8 25.0 37.6





#39

Methylcyclohexane

Concen: 21.478 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

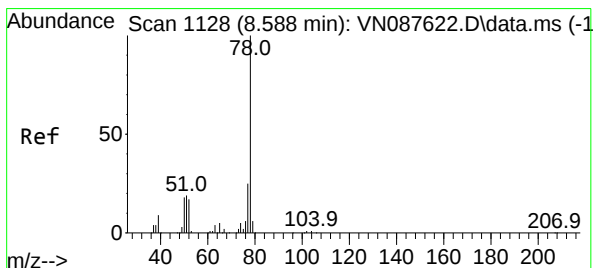
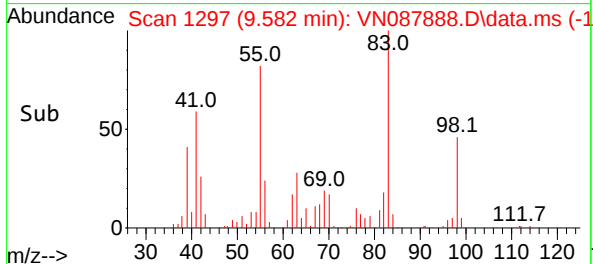
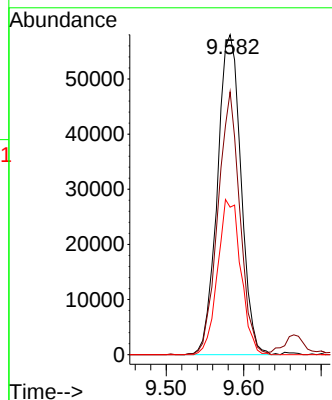
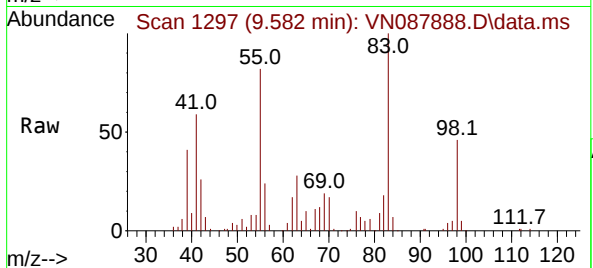
Tgt Ion: 83 Resp: 122666

Ion Ratio Lower Upper

83 100

55 82.2 64.6 96.8

98 46.1 38.4 57.6



#40

Benzene

Concen: 21.249 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087888.D

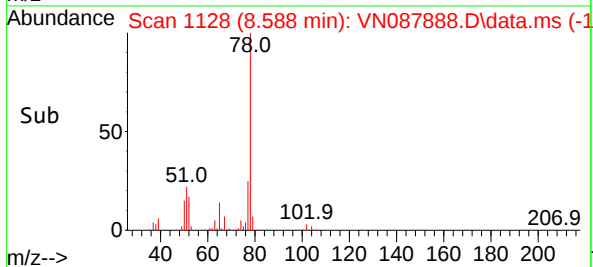
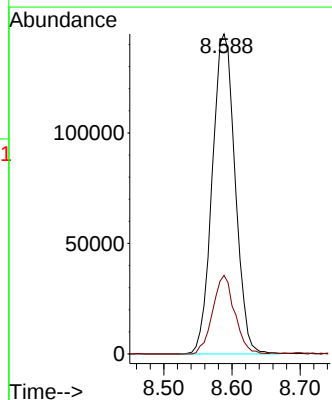
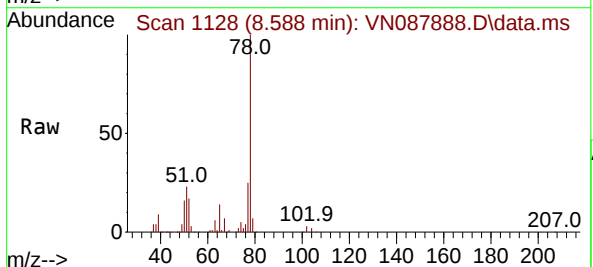
Acq: 18 Sep 2025 11:40

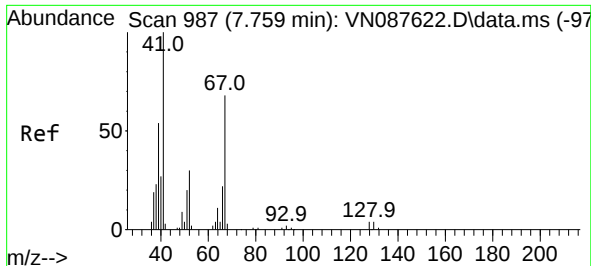
Tgt Ion: 78 Resp: 338081

Ion Ratio Lower Upper

78 100

77 24.5 19.7 29.5

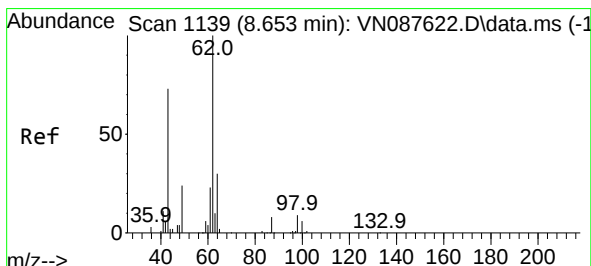
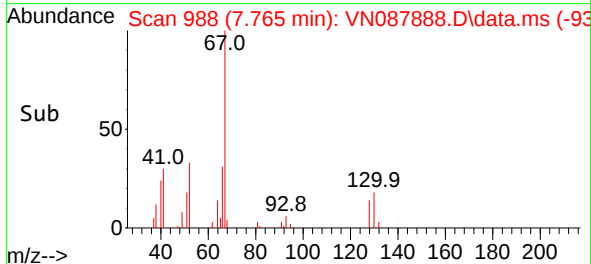
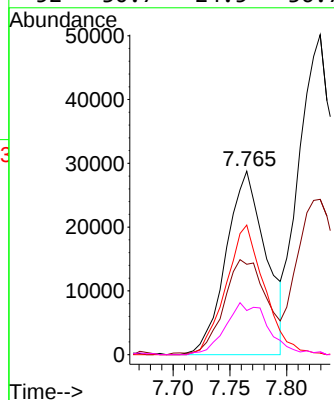
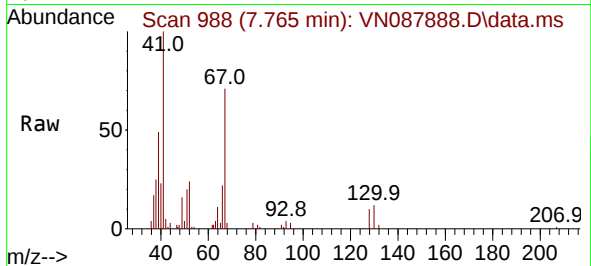




#41
Methacrylonitrile
Concen: 19.099 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

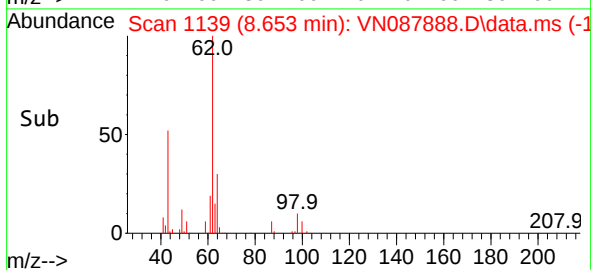
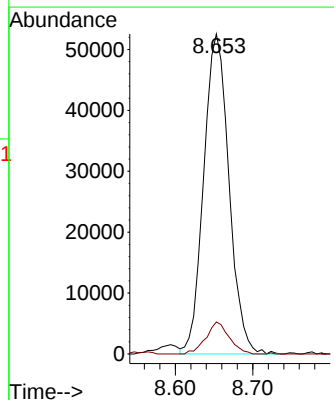
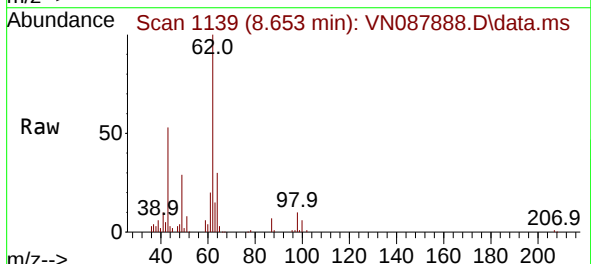
Instrument :
MSVOA_N
ClientSampleId :

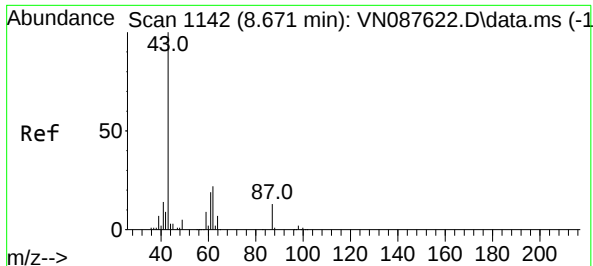
Tgt Ion: 41 Resp: 70131
Ion Ratio Lower Upper
41 100
39 56.0 45.4 68.0
67 68.6 55.3 82.9
52 30.7 24.5 36.7



#42
1,2-Dichloroethane
Concen: 19.477 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

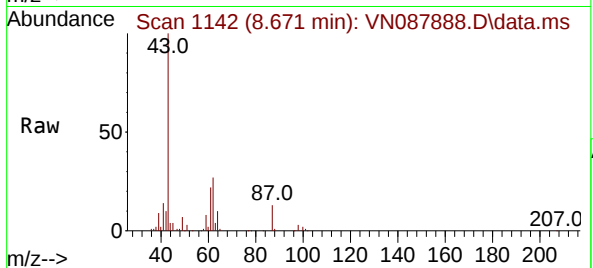
Tgt Ion: 62 Resp: 119085
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.4



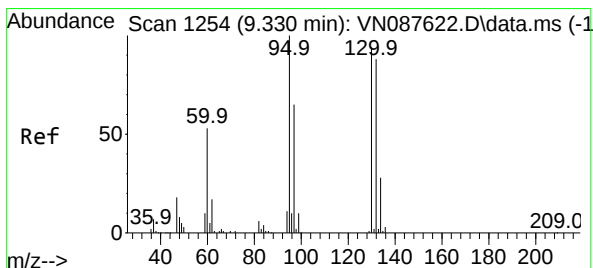
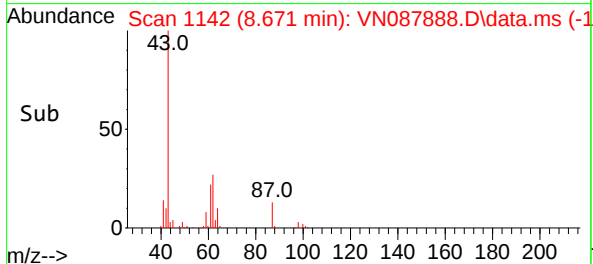
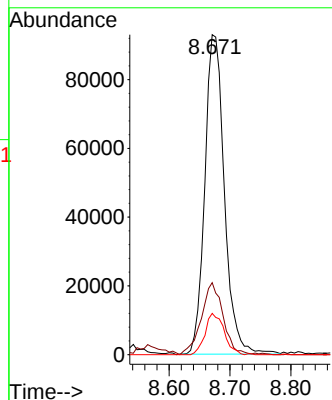


#43
Isopropyl Acetate
Concen: 18.777 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :

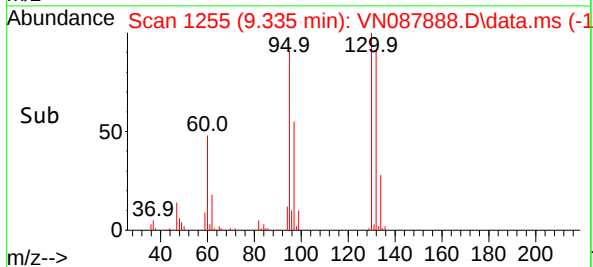
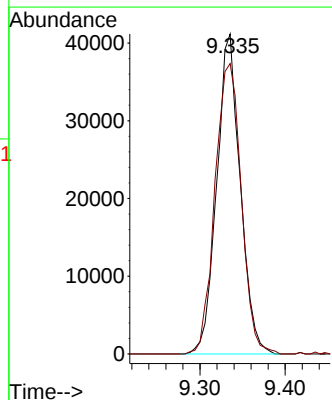
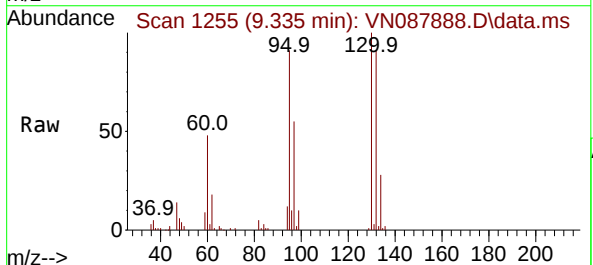


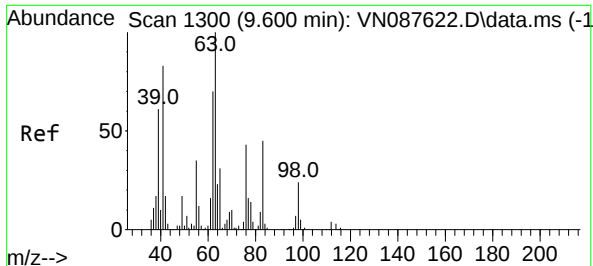
Tgt Ion: 43 Resp: 207810
Ion Ratio Lower Upper
43 100
61 24.9 18.8 28.2
87 12.5 9.6 14.4



#44
Trichloroethene
Concen: 21.685 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion:130 Resp: 78773
Ion Ratio Lower Upper
130 100
95 90.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 19.700 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

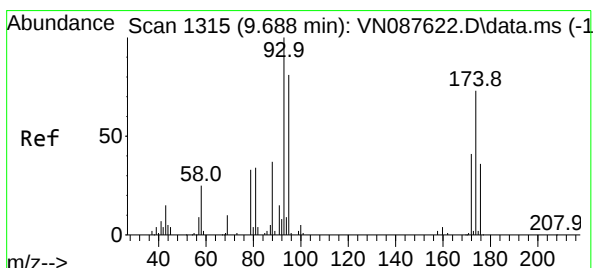
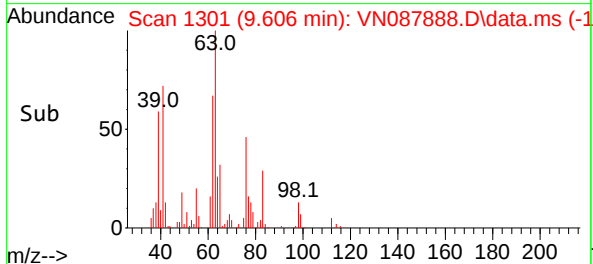
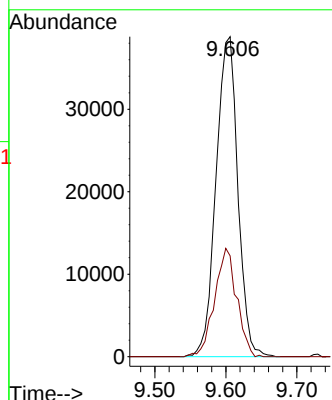
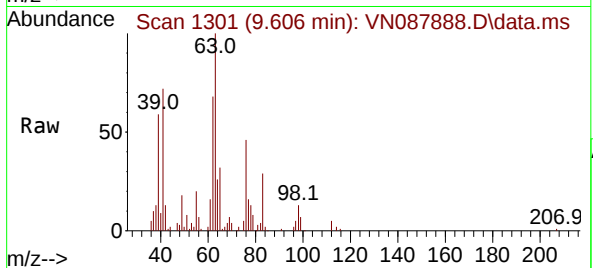
ClientSampleId :

Tgt Ion: 63 Resp: 82620

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#46

Dibromomethane

Concen: 21.807 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

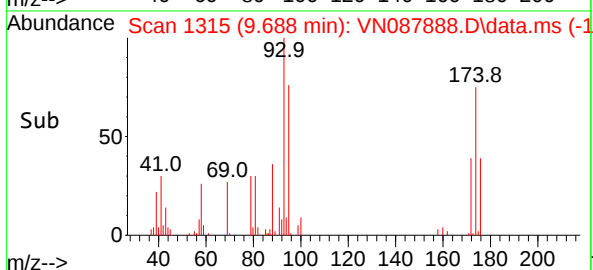
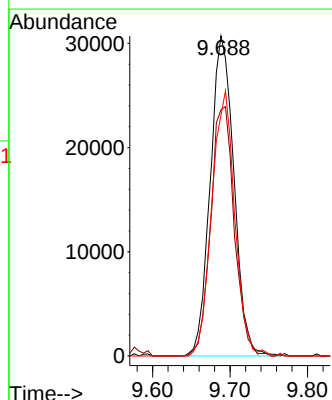
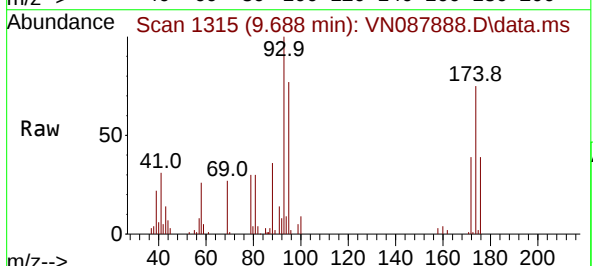
Tgt Ion: 93 Resp: 65082

Ion Ratio Lower Upper

93 100

95 77.8 66.2 99.4

174 80.5 63.4 95.2

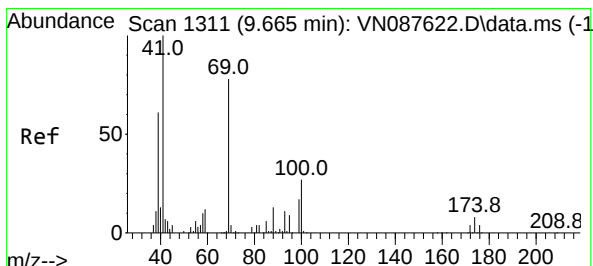
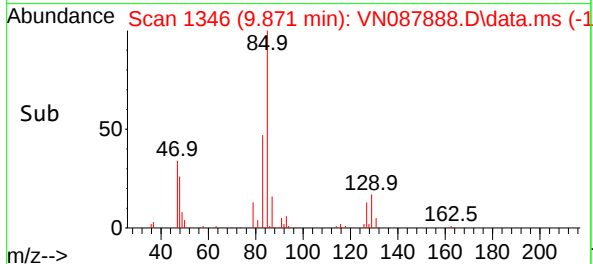
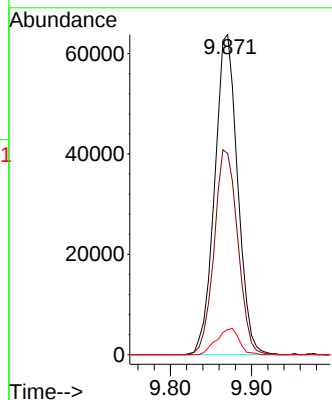
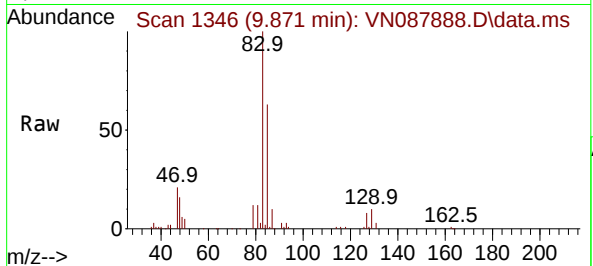




#47
Bromodichloromethane
Concen: 20.529 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

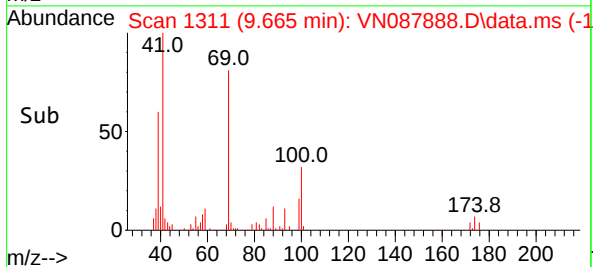
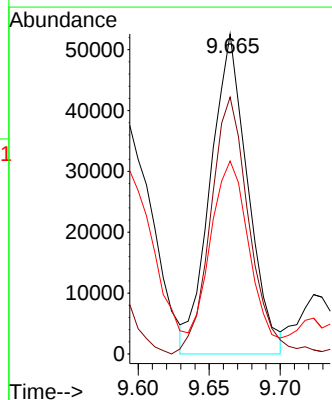
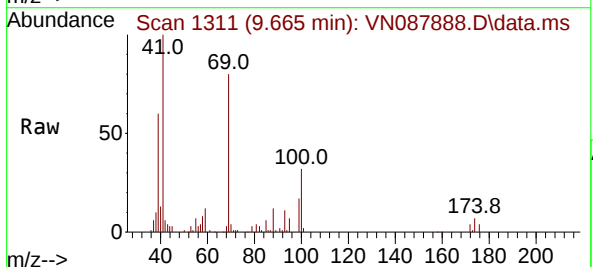
Instrument :
MSVOA_N
ClientSampleId :

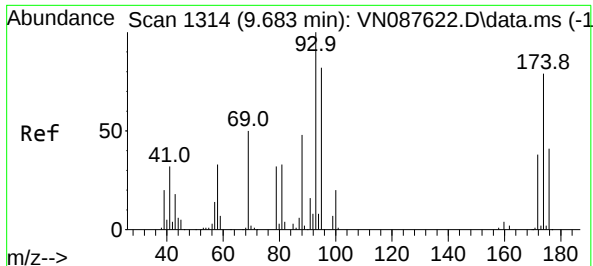
Tgt Ion: 83 Resp: 125568
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7
127 7.9 5.8 8.6



#48
Methyl methacrylate
Concen: 18.348 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 41 Resp: 96049
Ion Ratio Lower Upper
41 100
69 82.8 62.7 94.1
39 63.2 52.9 79.3





#49

1,4-Dioxane

Concen: 426.407 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

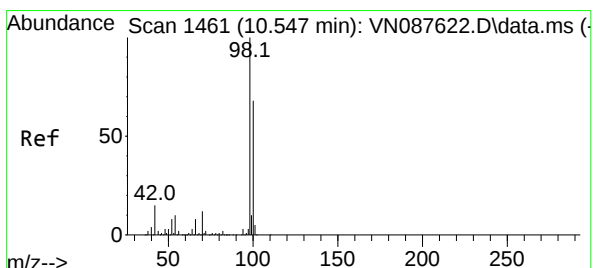
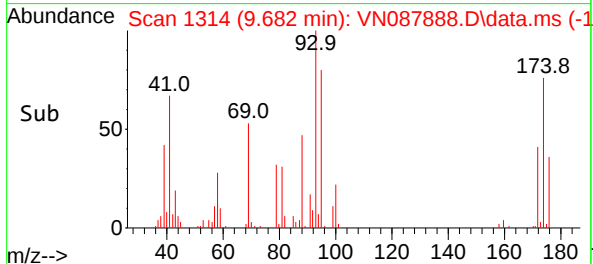
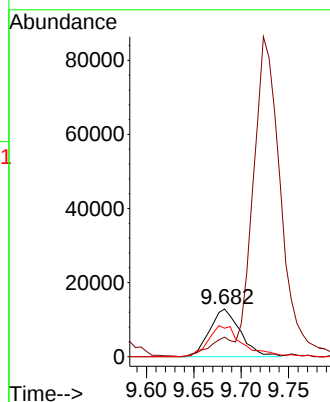
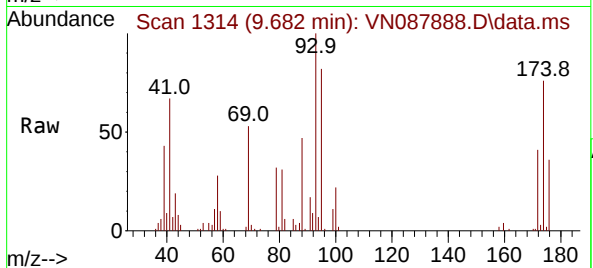
Tgt Ion: 88 Resp: 28932

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.9 57.9 86.9



#50

Toluene-d8

Concen: 48.917 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087888.D

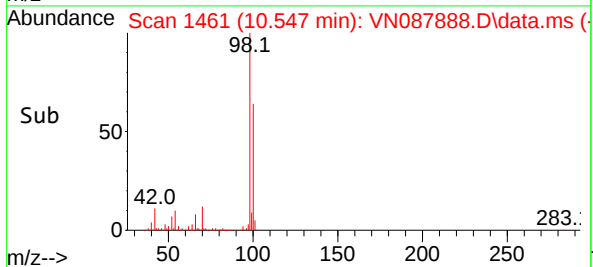
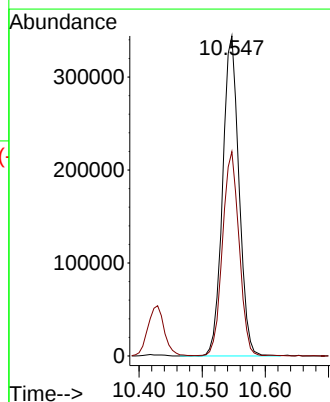
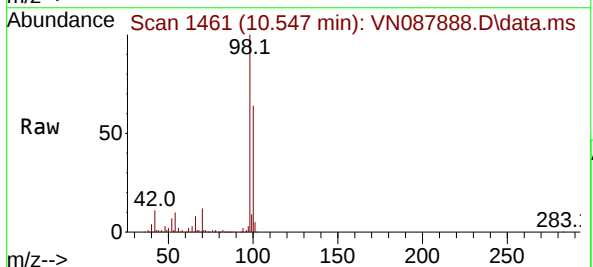
Acq: 18 Sep 2025 11:40

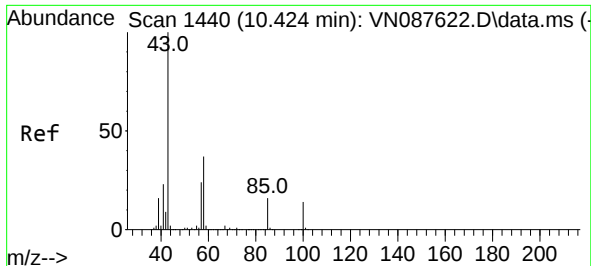
Tgt Ion: 98 Resp: 619092

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

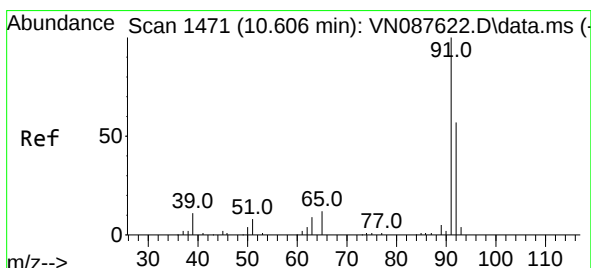
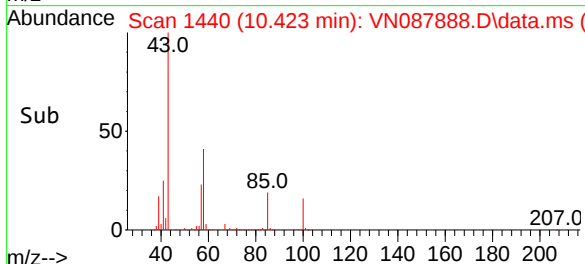
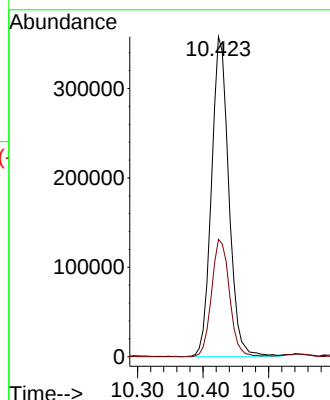
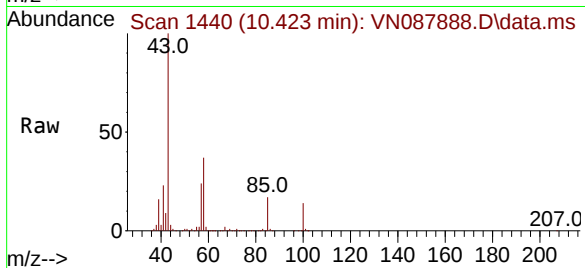




#51
4-Methyl-2-Pentanone
Concen: 98.575 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

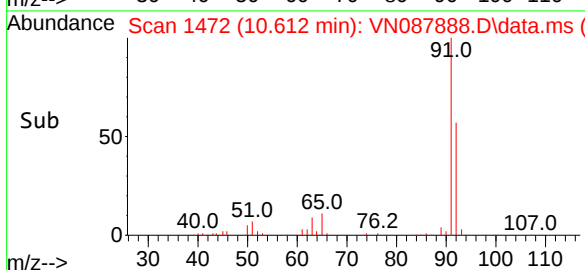
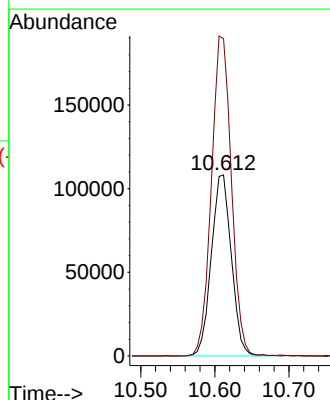
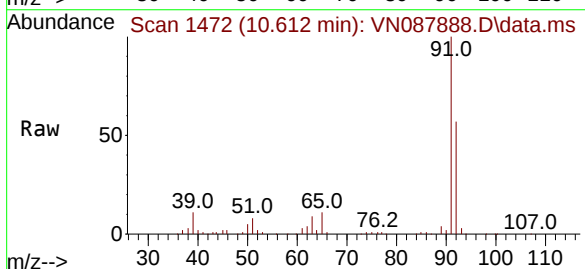
Instrument :
MSVOA_N
ClientSampleId :

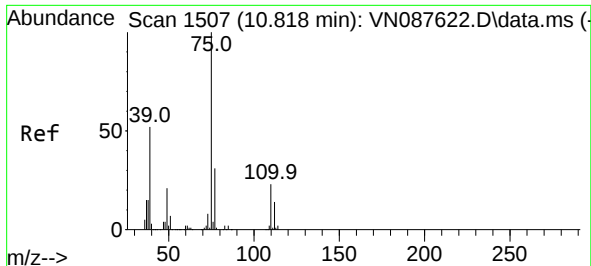
Tgt Ion: 43 Resp: 658214
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4



#52
Toluene
Concen: 20.608 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 92 Resp: 203271
Ion Ratio Lower Upper
92 100
91 176.1 140.4 210.6

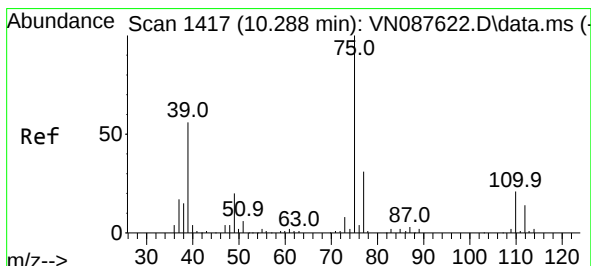
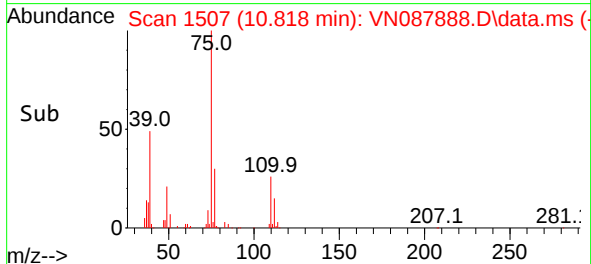
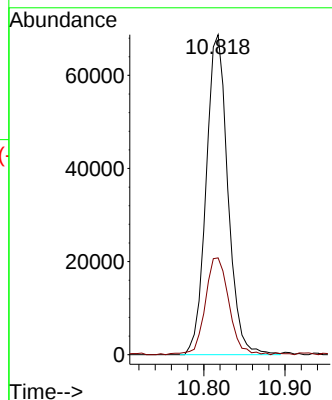
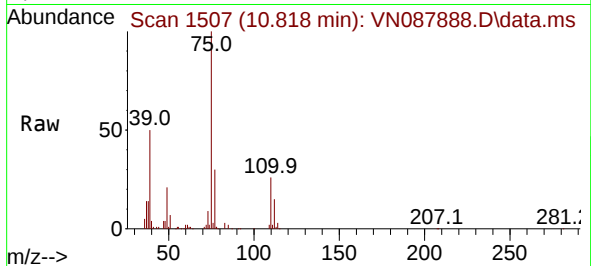




#53
 t-1,3-Dichloropropene
 Concen: 20.182 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

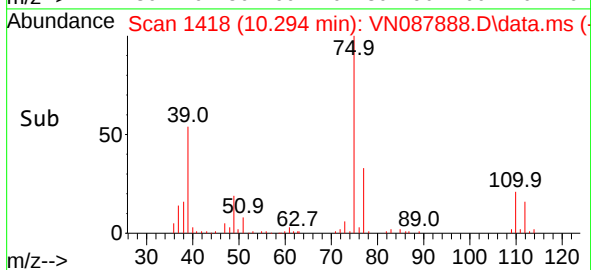
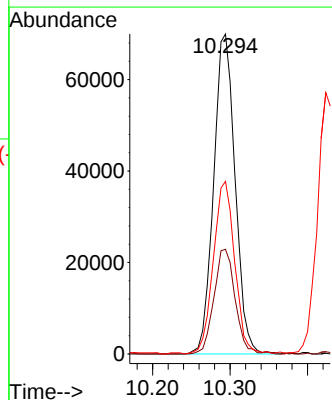
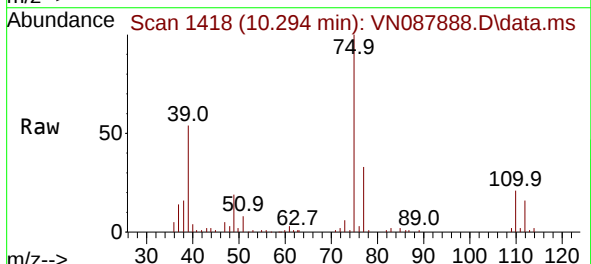
Instrument :
 MSVOA_N
 ClientSampleId :

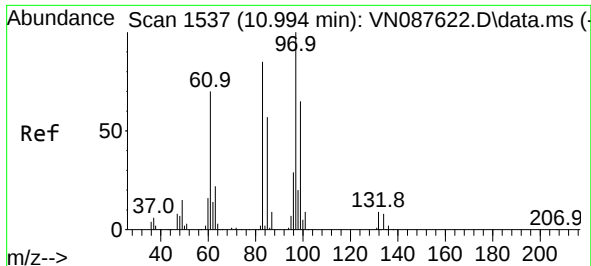
Tgt Ion: 75 Resp: 127776
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.451 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

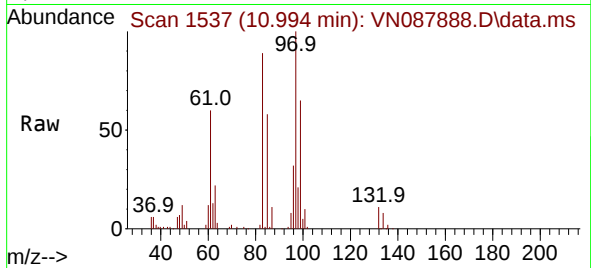
Tgt Ion: 75 Resp: 134442
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 37.0
 39 53.6 45.2 67.8



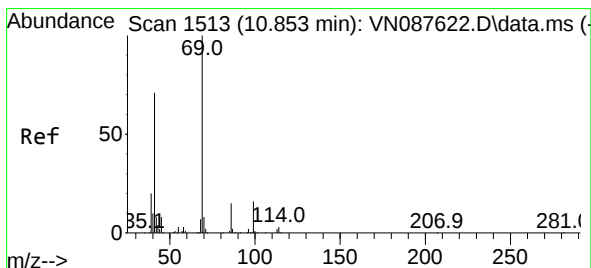
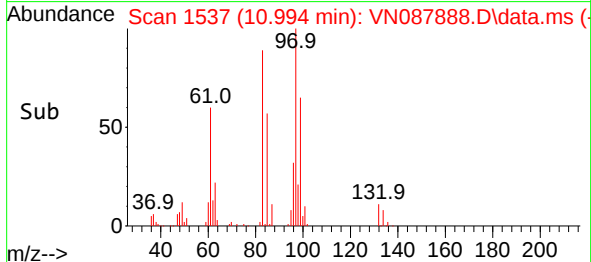
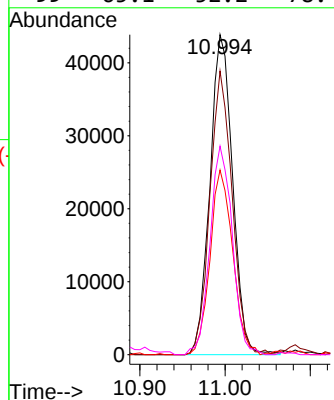


#55
1,1,2-Trichloroethane
Concen: 21.252 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :

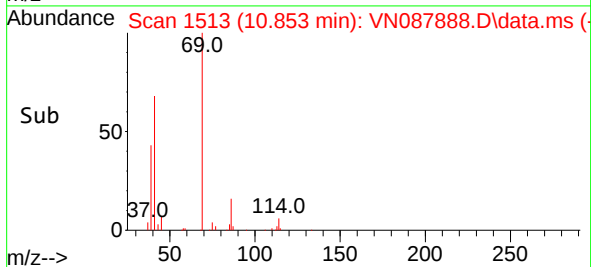
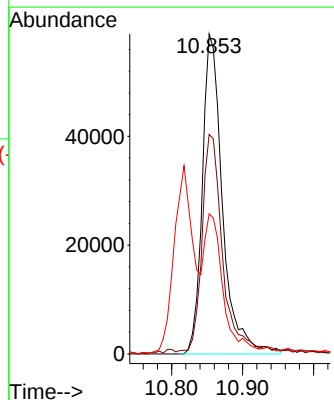
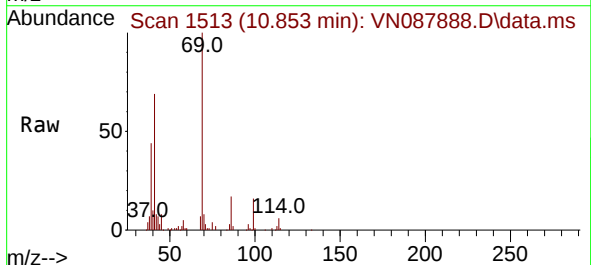


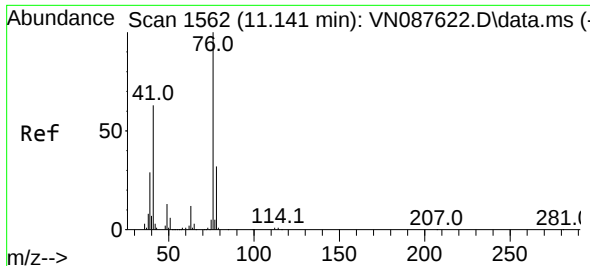
Tgt Ion: 97	Resp: 81093
Ion Ratio	Lower Upper
97 100	
83 88.7	68.2 102.4
85 57.7	45.5 68.3
99 65.1	52.2 78.4



#56
Ethyl methacrylate
Concen: 19.070 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 69	Resp: 116289
Ion Ratio	Lower Upper
69 100	
41 68.9	56.5 84.7
39 37.5	34.2 51.4





#57

1,3-Dichloropropane

Concen: 20.337 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

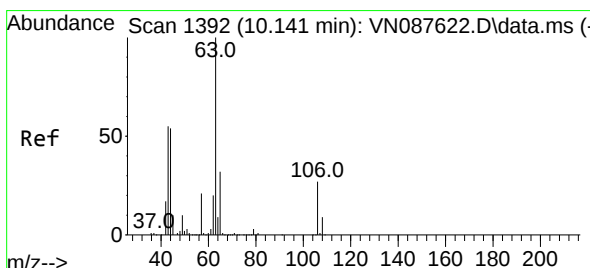
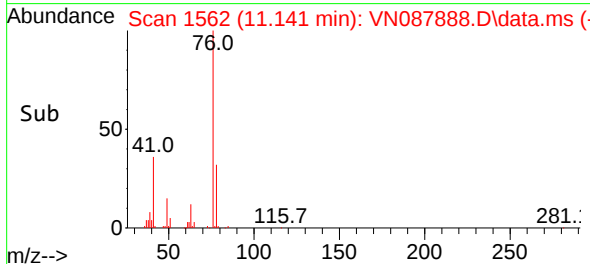
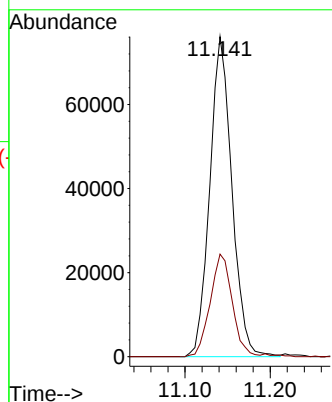
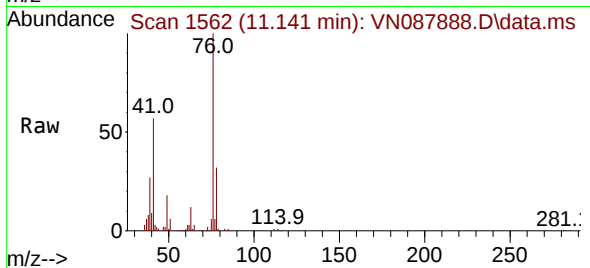
ClientSampleId :

Tgt Ion: 76 Resp: 137340

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 87.657 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087888.D

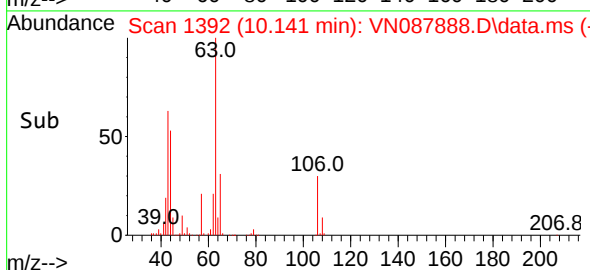
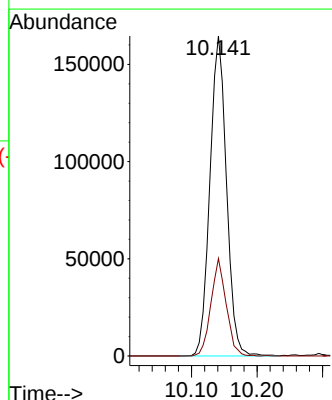
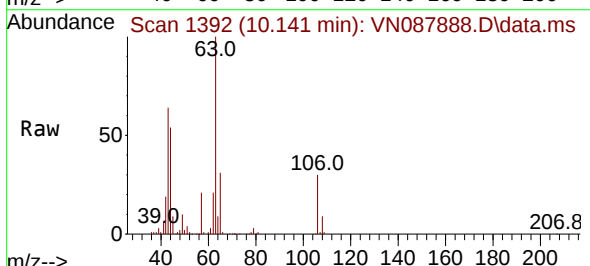
Acq: 18 Sep 2025 11:40

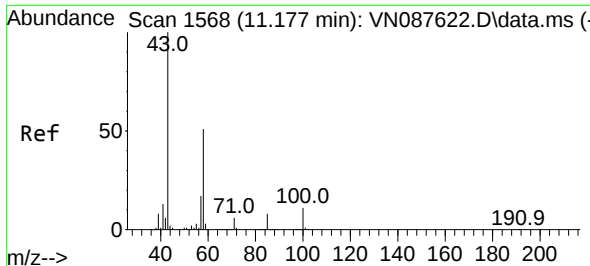
Tgt Ion: 63 Resp: 289320

Ion Ratio Lower Upper

63 100

106 27.9 21.1 31.7

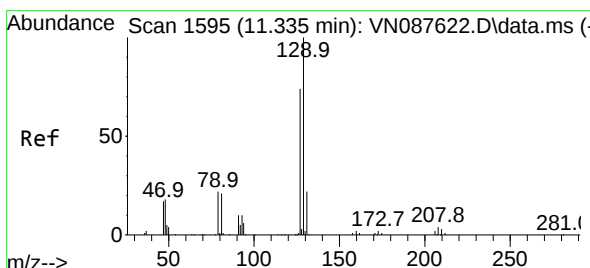
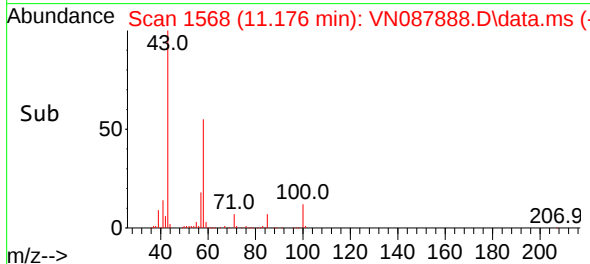
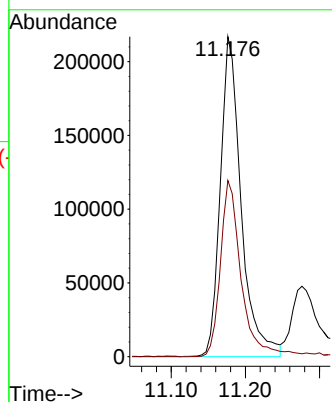
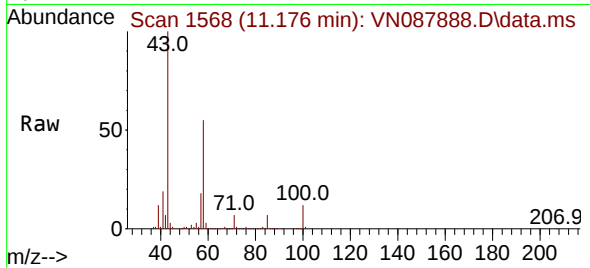




#59
2-Hexanone
Concen: 100.330 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

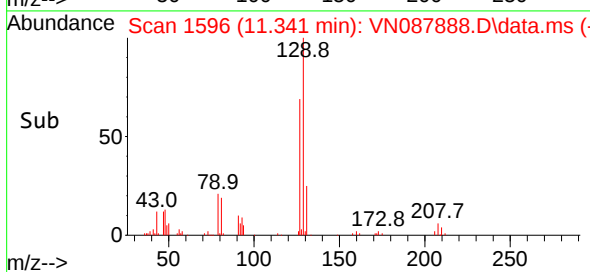
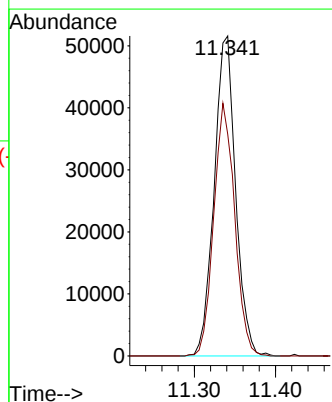
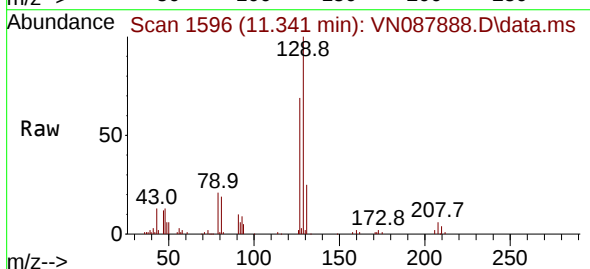
Instrument :
MSVOA_N
ClientSampleId :

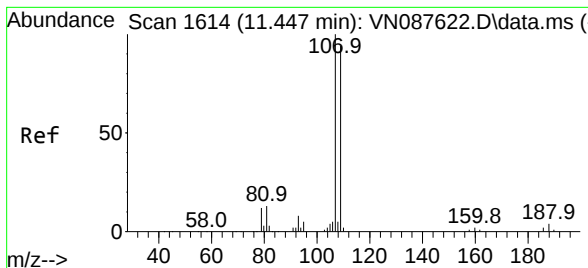
Tgt Ion: 43 Resp: 423396
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8



#60
Dibromochloromethane
Concen: 21.412 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion:129 Resp: 94671
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

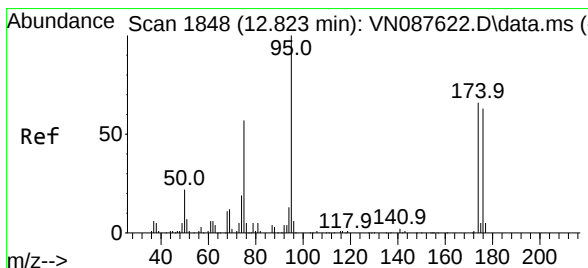
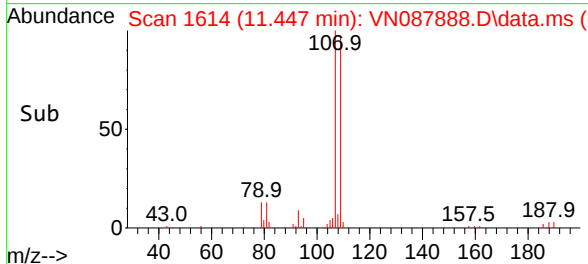
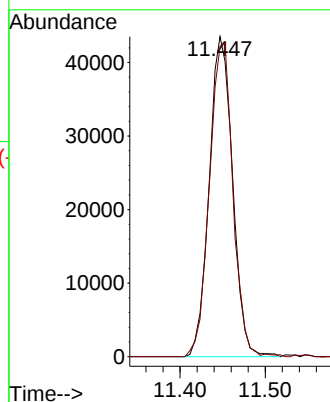
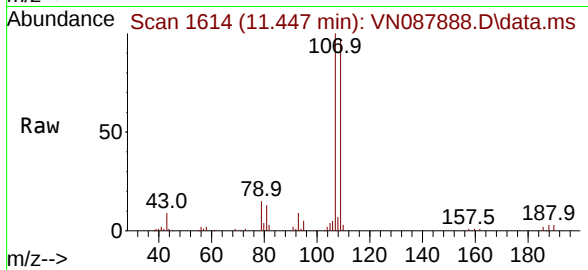




#61
1,2-Dibromoethane
Concen: 20.616 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

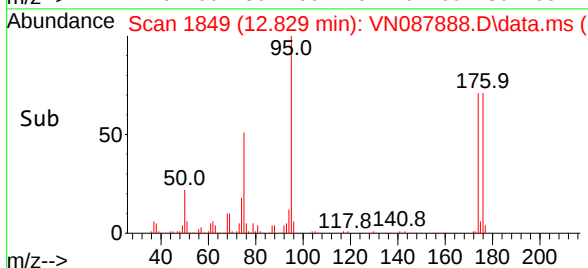
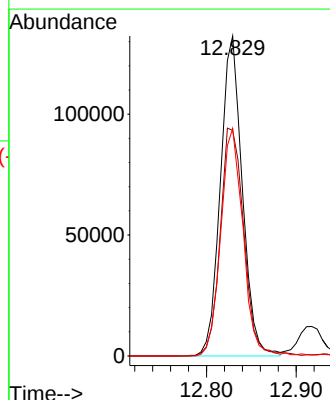
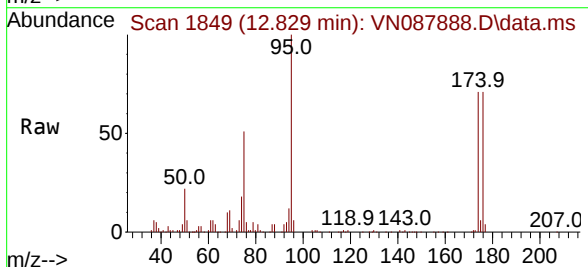
Instrument :
MSVOA_N
ClientSampleId :

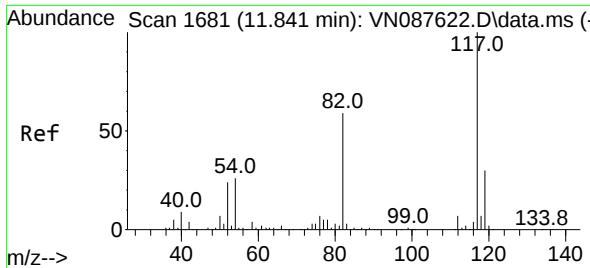
Tgt Ion:107 Resp: 82947
Ion Ratio Lower Upper
107 100
109 98.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 95 Resp: 224018
Ion Ratio Lower Upper
95 100
174 77.0 0.0 138.4
176 72.2 0.0 132.6

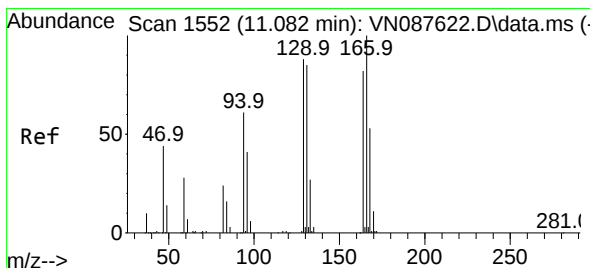
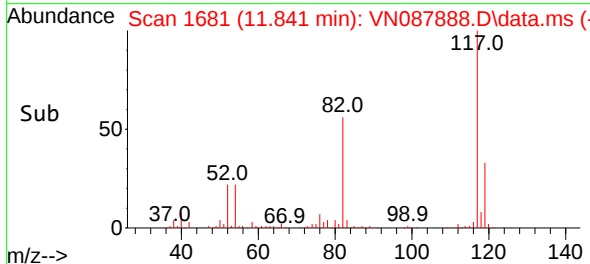
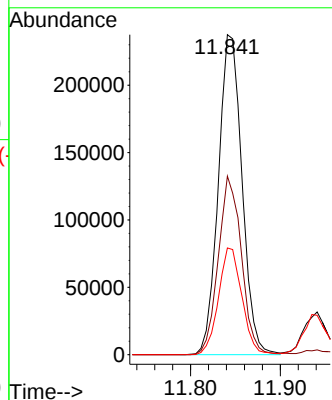
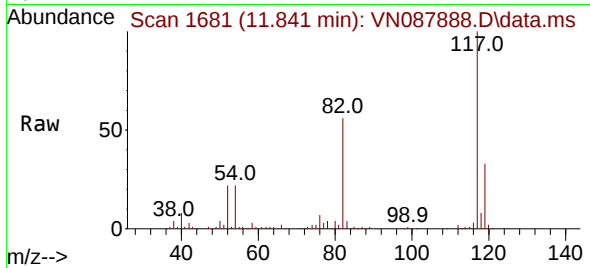




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

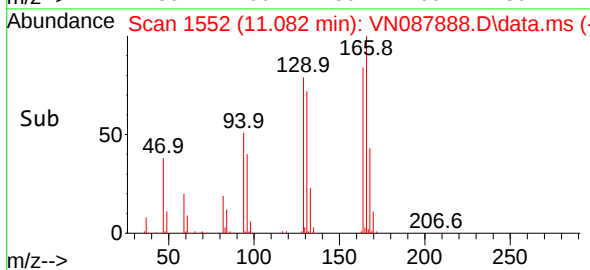
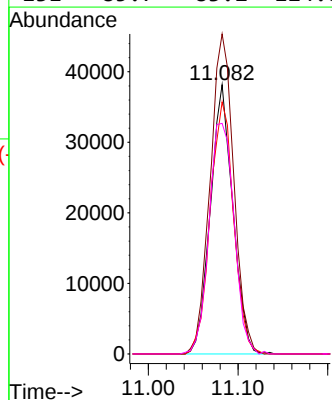
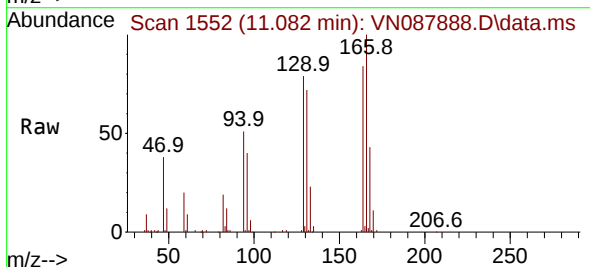
Instrument :
MSVOA_N
ClientSampleId :

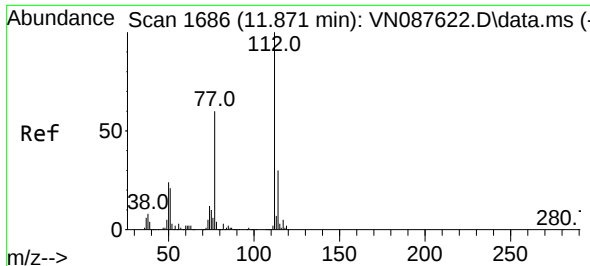
Tgt Ion:117 Resp: 435438
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 33.4 24.3 36.5



#64
Tetrachloroethene
Concen: 21.958 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion:164 Resp: 66335
Ion Ratio Lower Upper
164 100
166 118.9 97.7 146.5
129 93.6 85.9 128.9
131 85.7 83.2 124.8

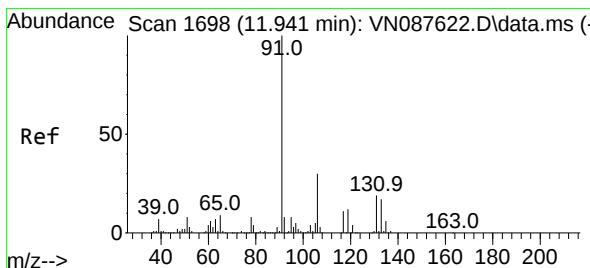
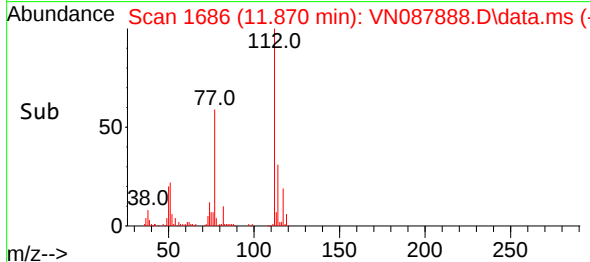
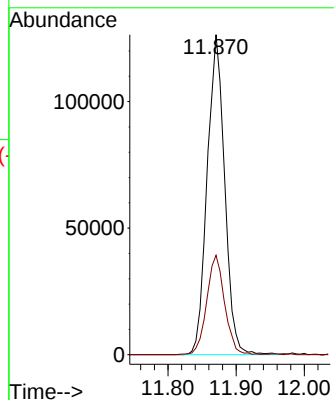
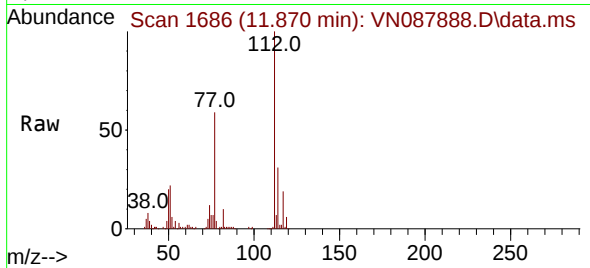




#65
Chlorobenzene
Concen: 20.843 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

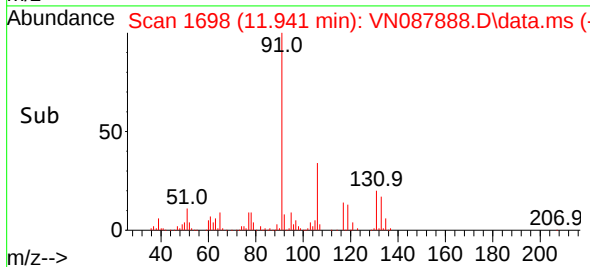
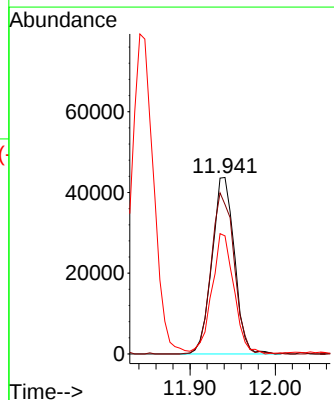
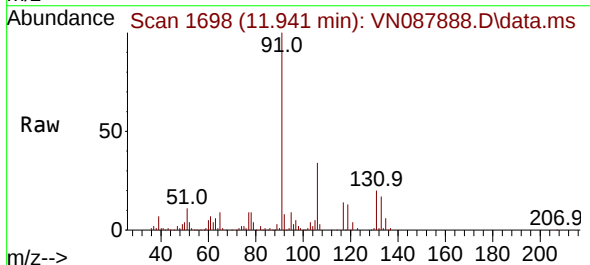
Instrument :
MSVOA_N
ClientSampleId :

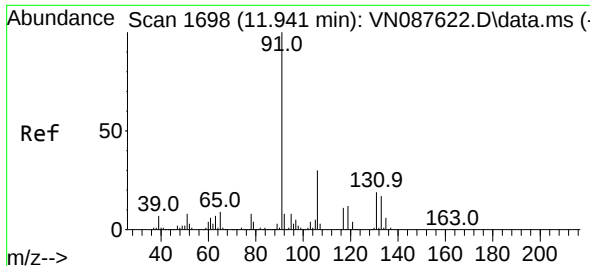
Tgt Ion:112 Resp: 225789
Ion Ratio Lower Upper
112 100
114 30.9 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.224 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion:131 Resp: 79925
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.0
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 20.398 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

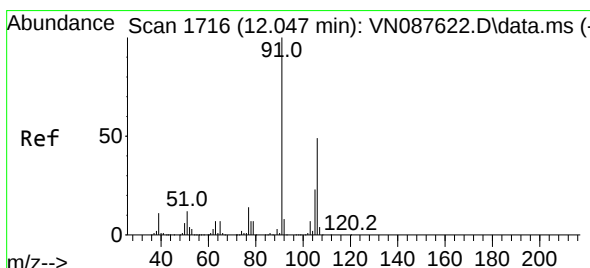
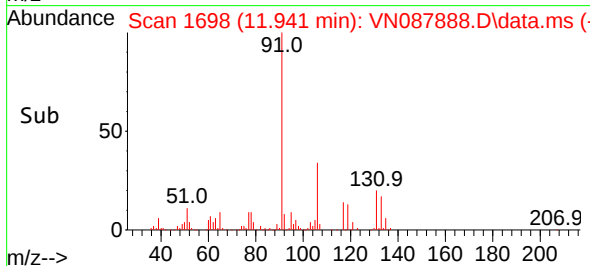
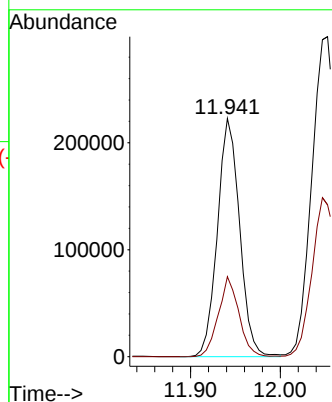
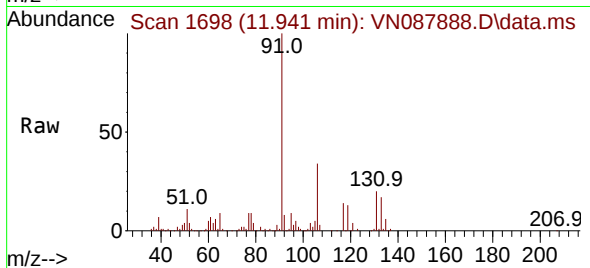
ClientSampleId :

Tgt Ion: 91 Resp: 382589

Ion Ratio Lower Upper

91 100

106 33.6 24.1 36.1



#68

m/p-Xylenes

Concen: 42.744 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087888.D

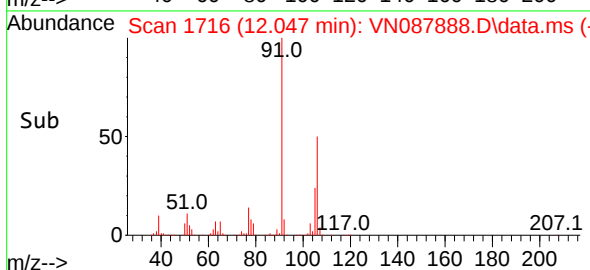
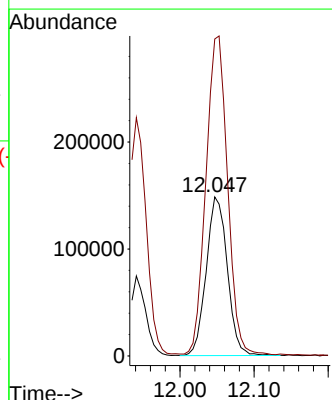
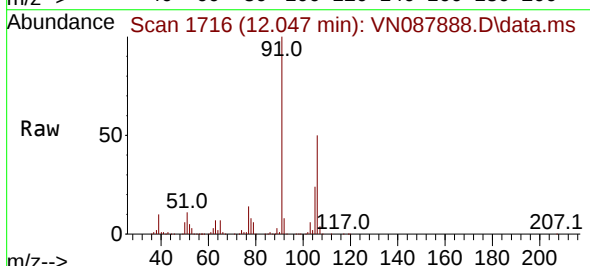
Acq: 18 Sep 2025 11:40

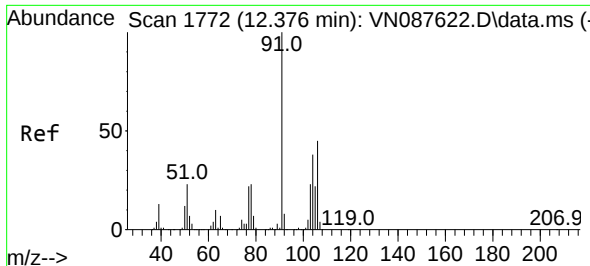
Tgt Ion:106 Resp: 294032

Ion Ratio Lower Upper

106 100

91 205.2 169.3 253.9

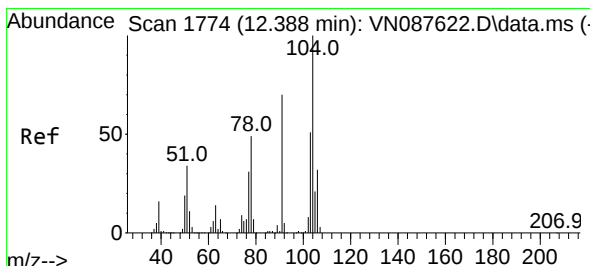
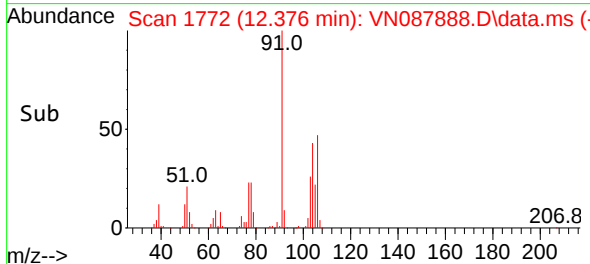
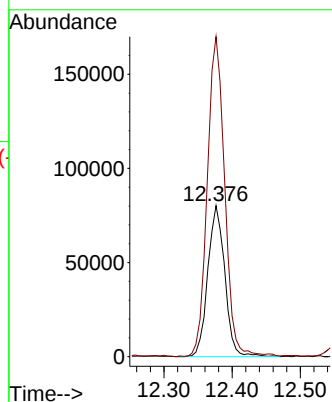
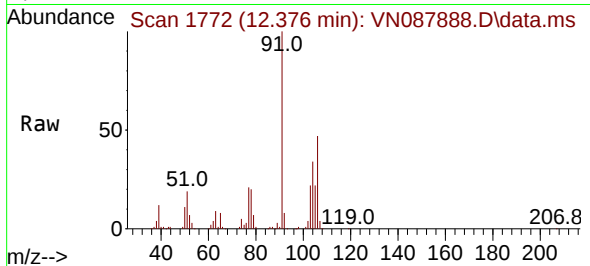




#69
o-Xylene
Concen: 20.673 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

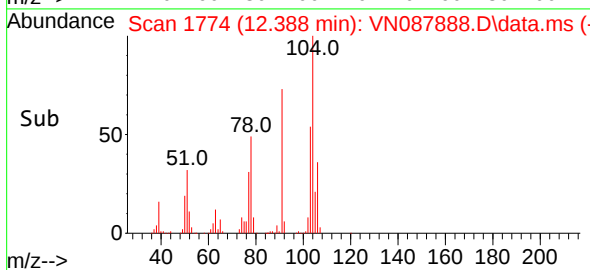
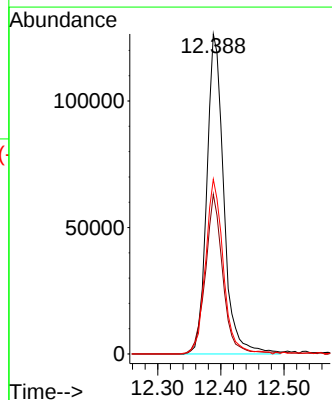
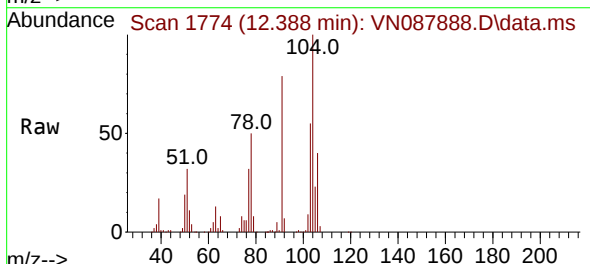
Instrument :
MSVOA_N
ClientSampleId :

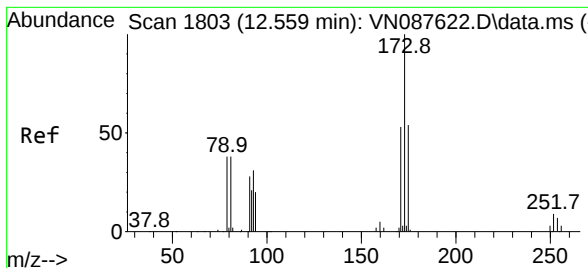
Tgt Ion:106 Resp: 139359
Ion Ratio Lower Upper
106 100
91 217.6 111.4 334.2



#70
Styrene
Concen: 20.942 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion:104 Resp: 236513
Ion Ratio Lower Upper
104 100
78 51.2 42.2 63.2
103 57.1 43.4 65.2





#71

Bromoform

Concen: 23.534 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

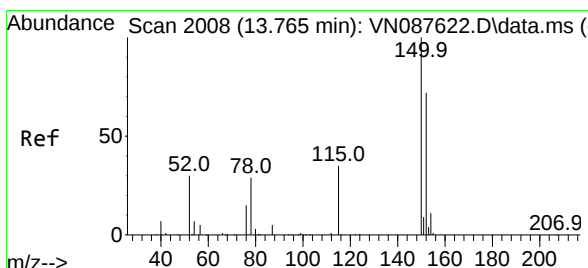
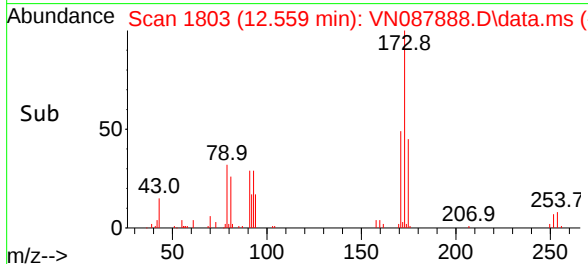
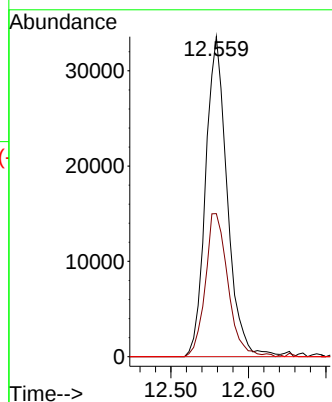
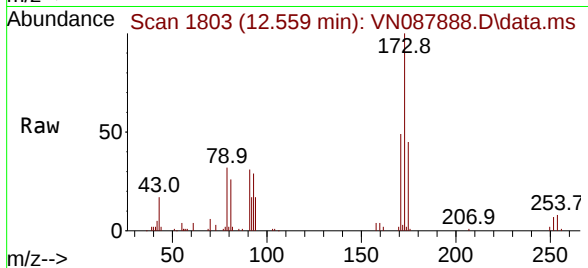
Tgt Ion:173 Resp: 64911

Ion Ratio Lower Upper

173 100

175 46.9 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: VN087888.D

Acq: 18 Sep 2025 11:40

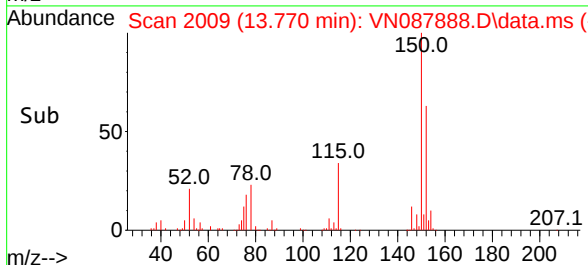
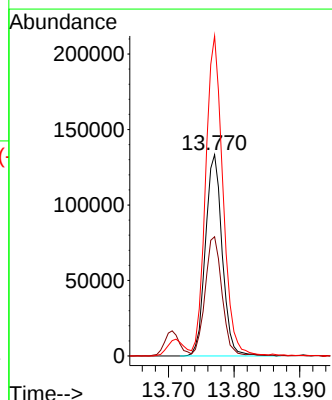
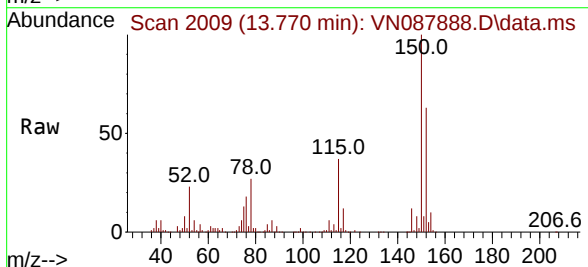
Tgt Ion:152 Resp: 237657

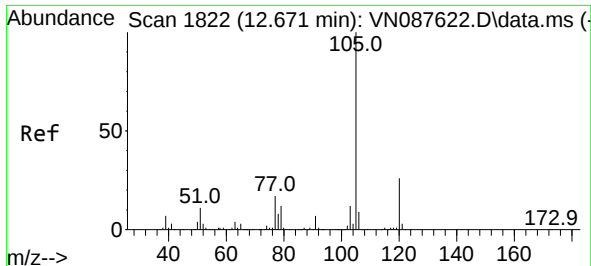
Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 162.2 0.0 351.0

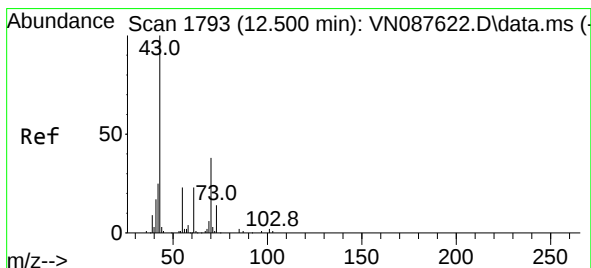
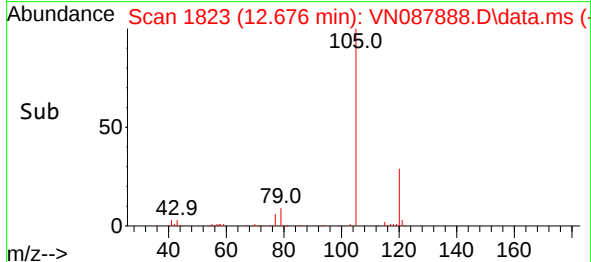
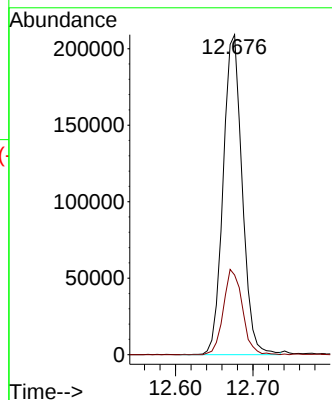
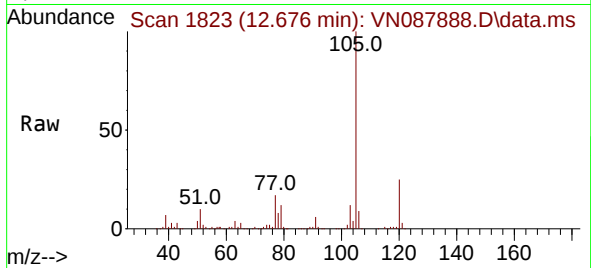




#73
Isopropylbenzene
Concen: 18.600 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

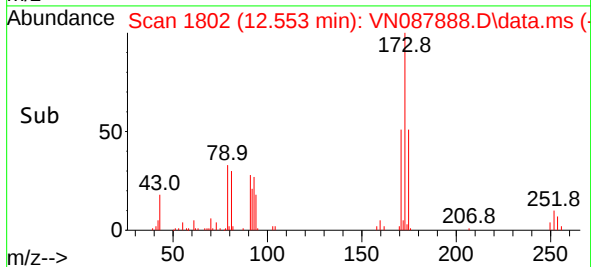
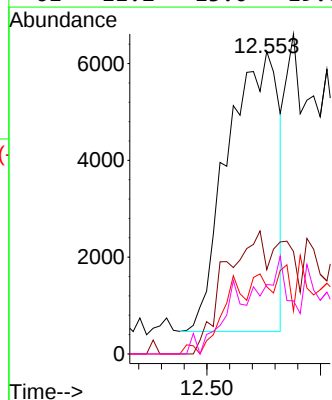
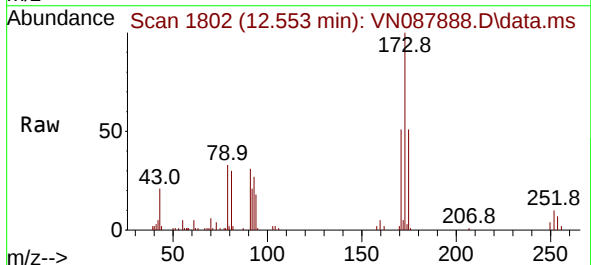
Instrument :
MSVOA_N
ClientSampleId :

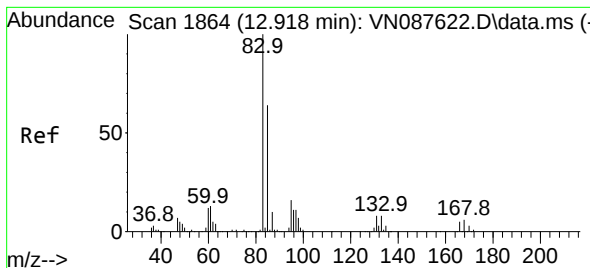
Tgt Ion:105 Resp: 357192
Ion Ratio Lower Upper
105 100
120 26.6 12.8 38.3



#74
N-ethyl acetate
Concen: 2.466 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. 0.053 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 43 Resp: 17945
Ion Ratio Lower Upper
43 100
70 35.0 27.6 41.4
55 3.6 13.0 19.6#
61 11.2 13.0 19.6#

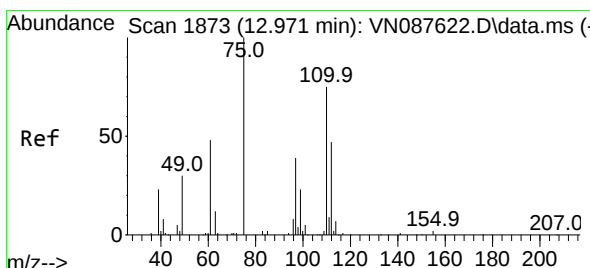
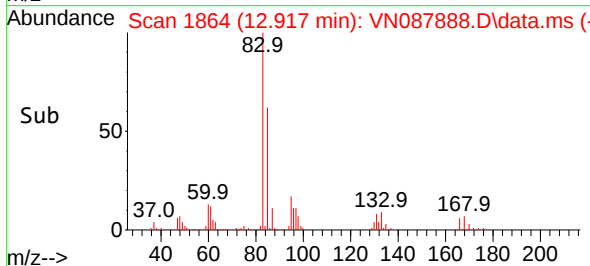
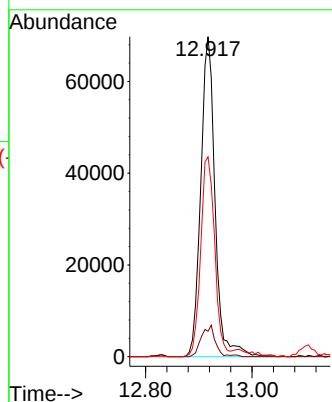
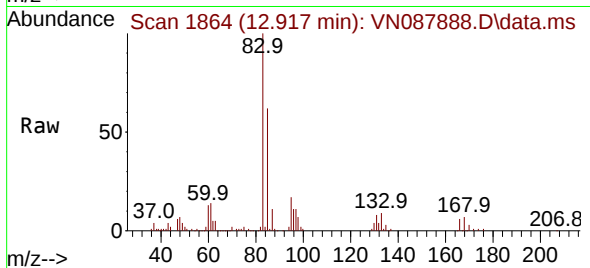




#75
 1,1,2-Tetrachloroethane
 Concen: 19.630 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

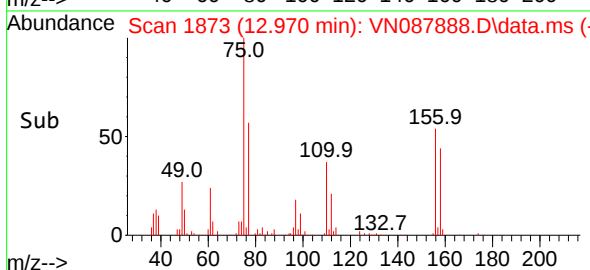
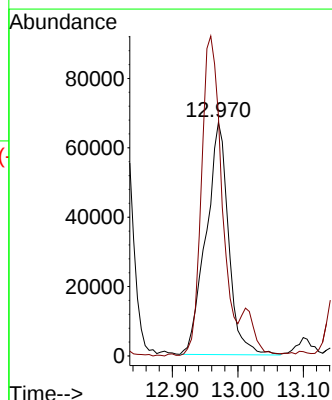
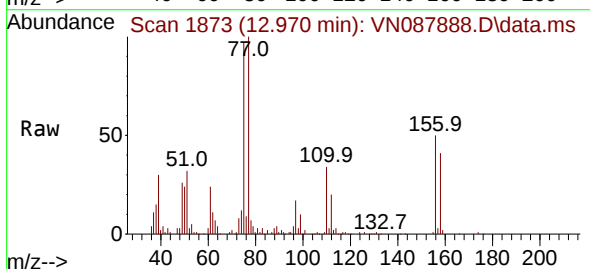
Instrument :
 MSVOA_N
 ClientSampleId :

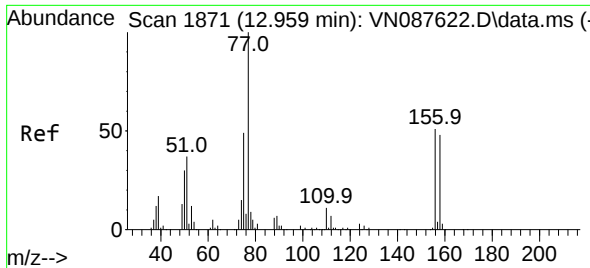
Tgt Ion: 83 Resp: 129788
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 61.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 28.730 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion: 75 Resp: 160117
 Ion Ratio Lower Upper
 75 100
 77 123.3 89.1 267.4

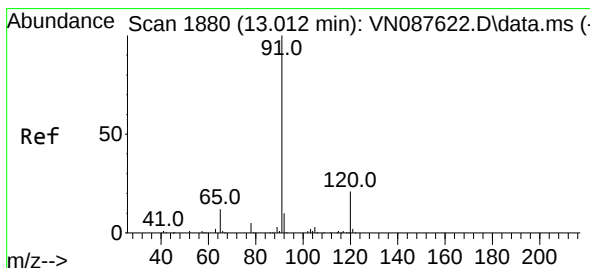
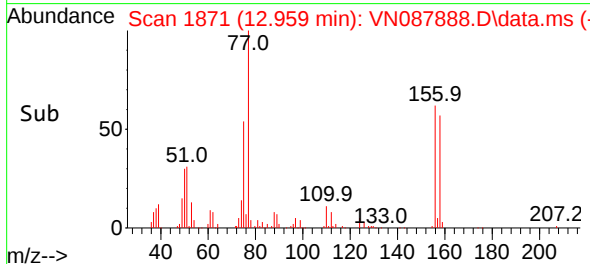
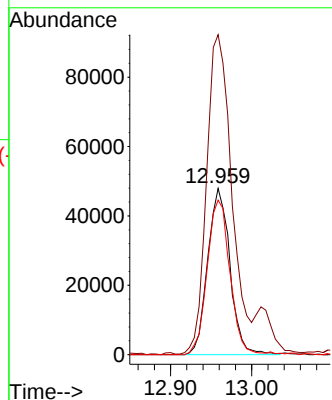
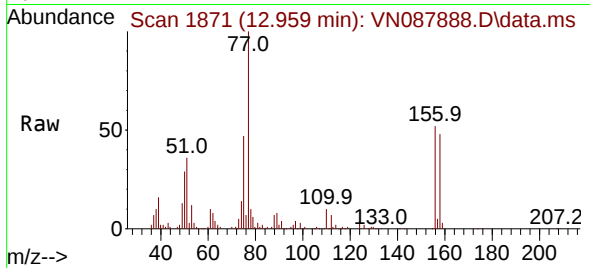




#77
Bromobenzene
Concen: 20.214 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

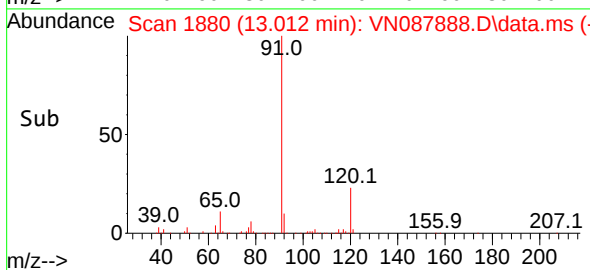
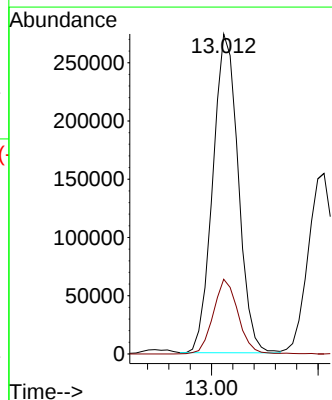
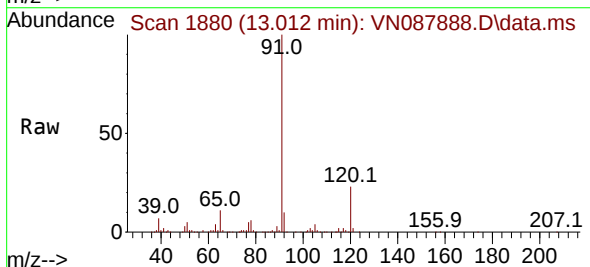
Instrument :
MSVOA_N
ClientSampleId :

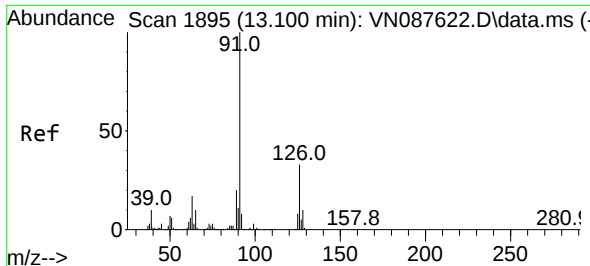
Tgt Ion:156 Resp: 91531
Ion Ratio Lower Upper
156 100
77 215.6 119.3 358.0
158 94.5 48.2 144.6



#78
n-propylbenzene
Concen: 19.168 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 91 Resp: 453422
Ion Ratio Lower Upper
91 100
120 22.9 10.7 32.1

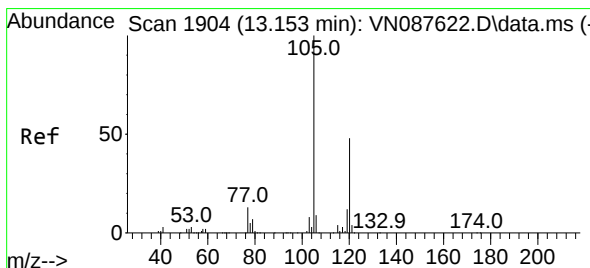
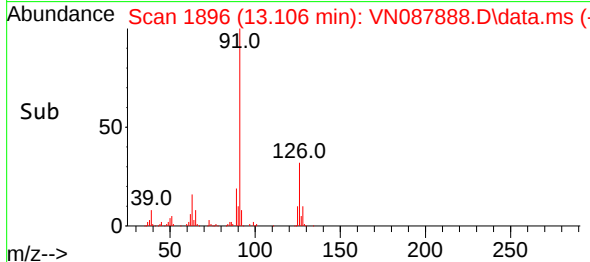
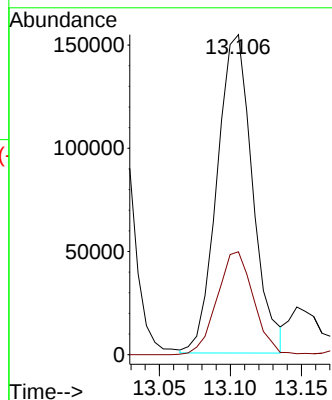
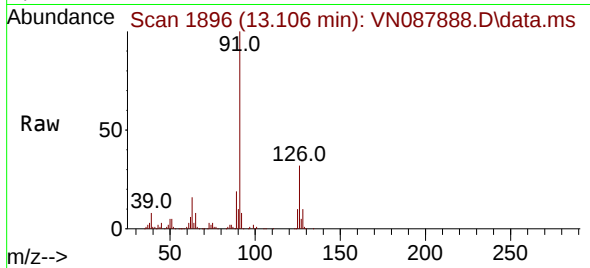




#79
2-Chlorotoluene
Concen: 18.888 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

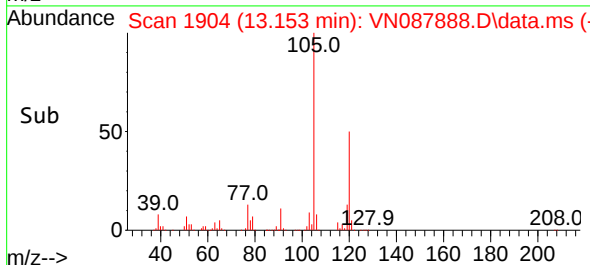
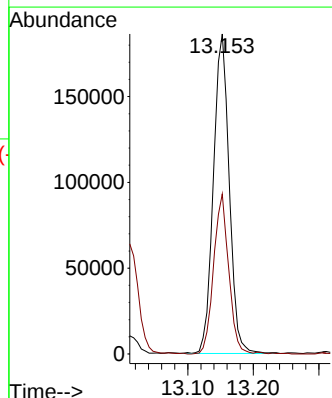
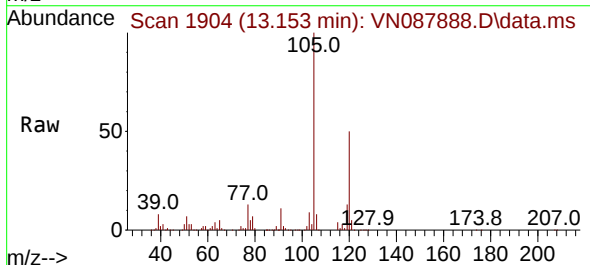
Instrument :
MSVOA_N
ClientSampleId :

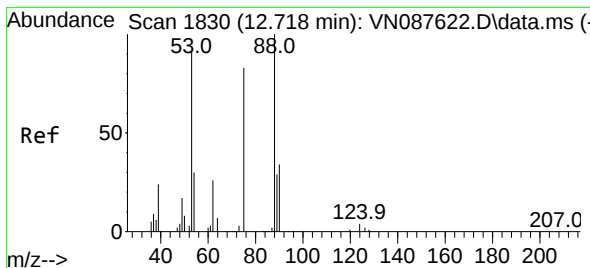
Tgt Ion: 91 Resp: 268873
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 19.155 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087888.D
Acq: 18 Sep 2025 11:40

Tgt Ion: 105 Resp: 312066
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6

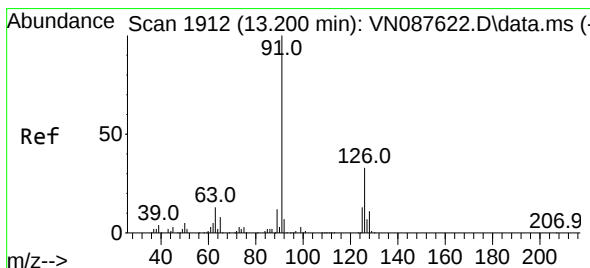
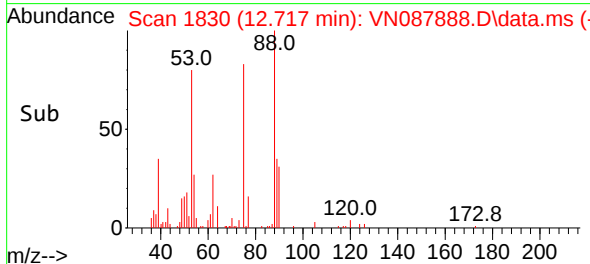
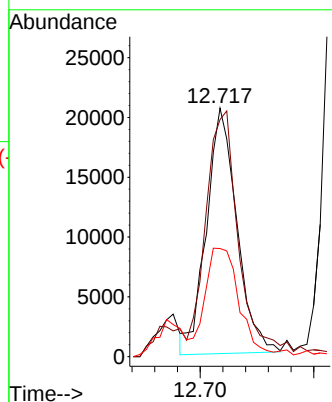
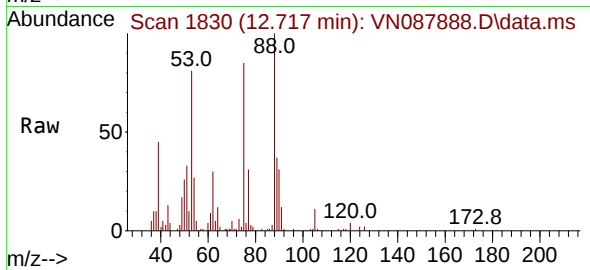




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.161 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

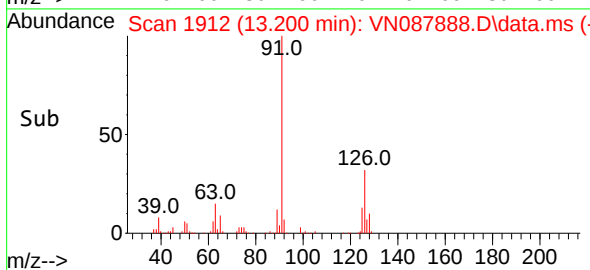
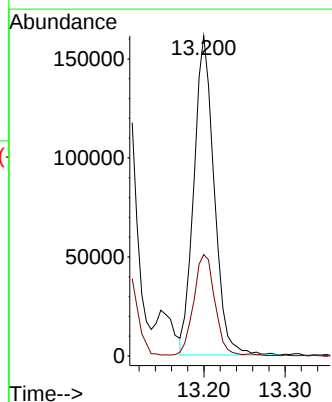
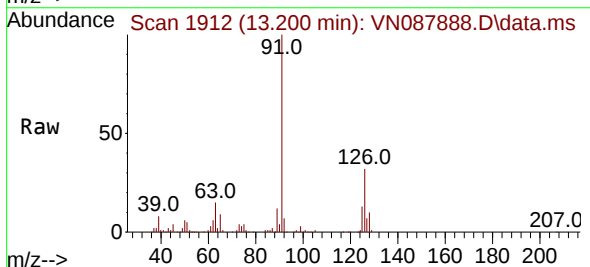
Instrument :
 MSVOA_N
 ClientSampleId :

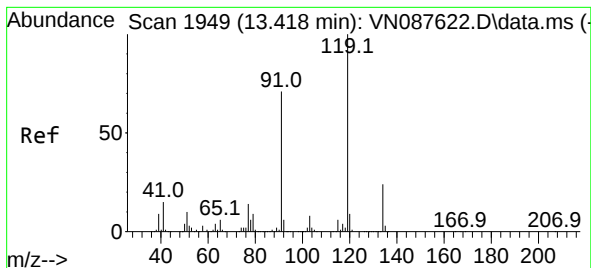
Tgt Ion: 75 Resp: 38231
 Ion Ratio Lower Upper
 75 100
 53 111.3 101.8 152.6
 89 51.1 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 18.673 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion: 91 Resp: 279475
 Ion Ratio Lower Upper
 91 100
 126 33.5 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.572 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

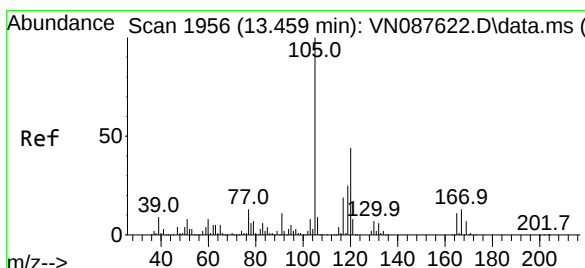
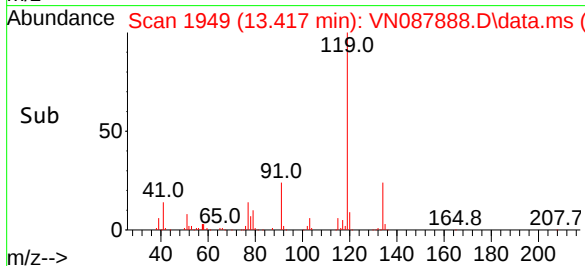
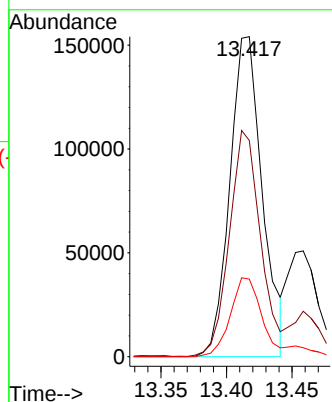
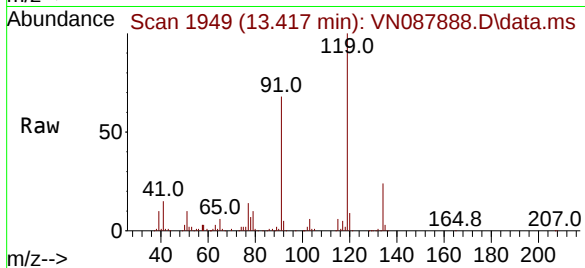
Tgt Ion:119 Resp: 265705

Ion Ratio Lower Upper

119 100

91 67.4 35.0 105.0

134 26.2 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 19.161 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087888.D

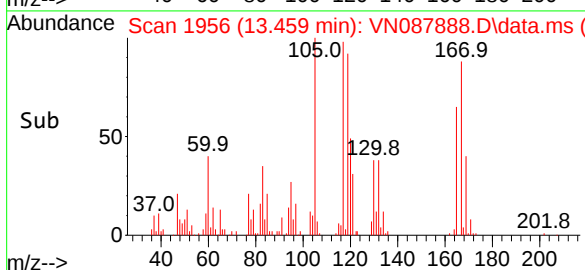
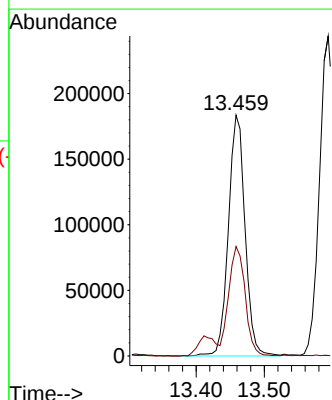
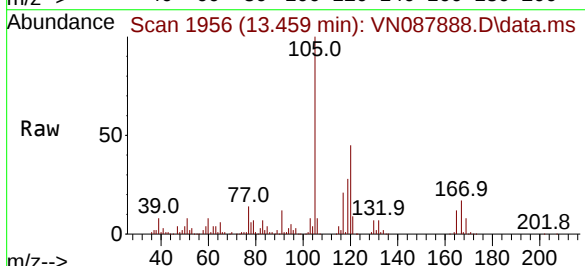
Acq: 18 Sep 2025 11:40

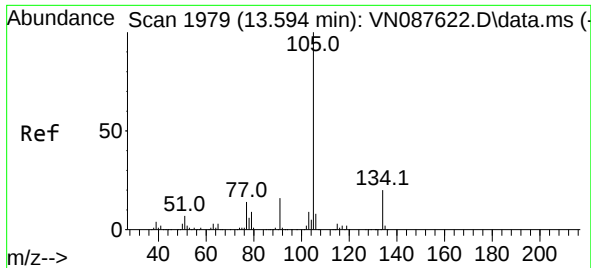
Tgt Ion:105 Resp: 312493

Ion Ratio Lower Upper

105 100

120 44.5 22.0 66.0

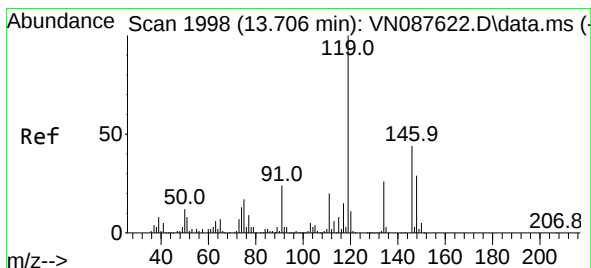
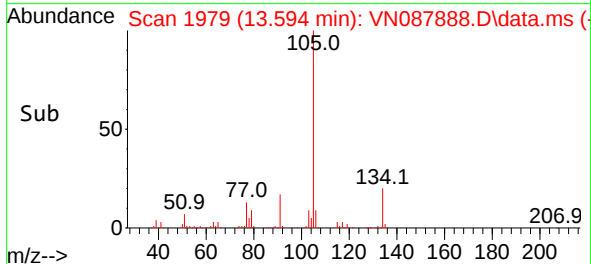
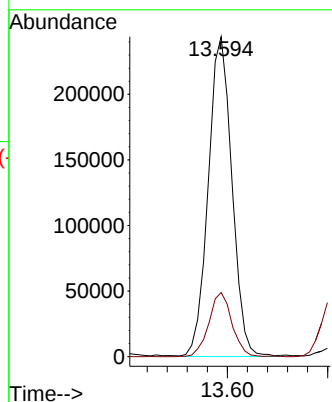
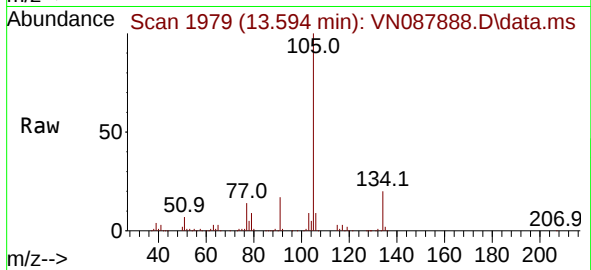




#85
 sec-Butylbenzene
 Concen: 19.872 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

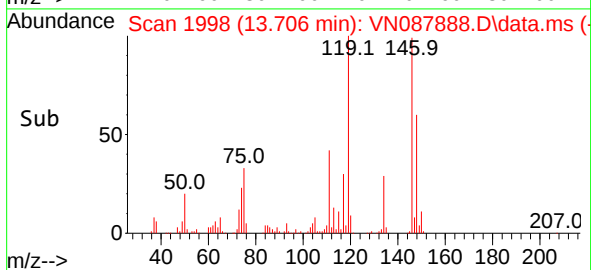
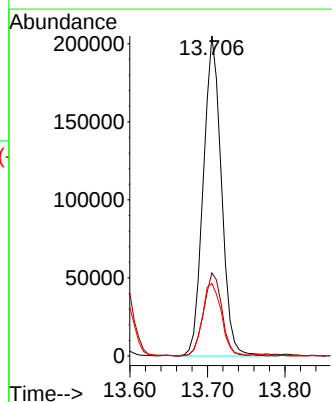
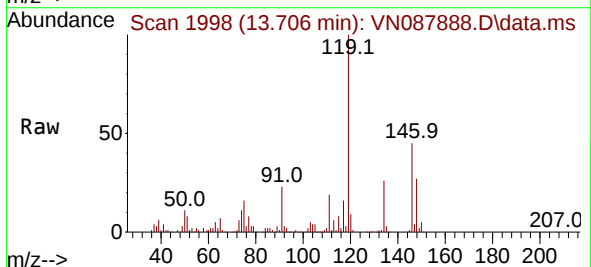
Instrument :
 MSVOA_N
 ClientSampleId :

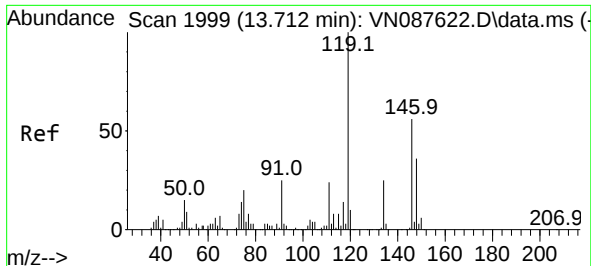
Tgt Ion:105 Resp: 400340
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.040 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion:119 Resp: 333389
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.0
 91 23.5 12.5 37.5

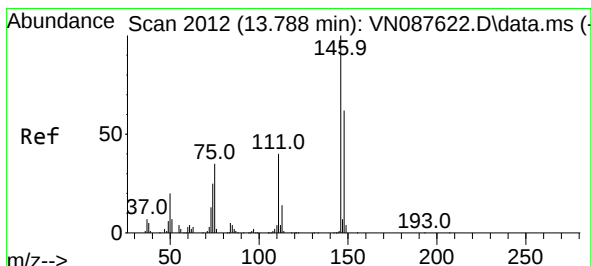
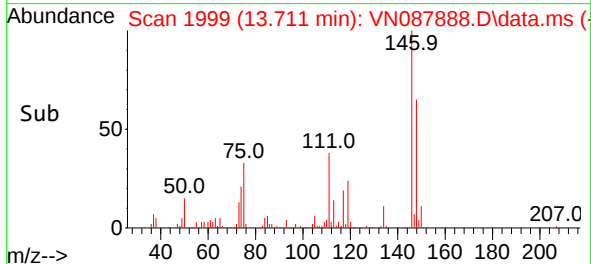
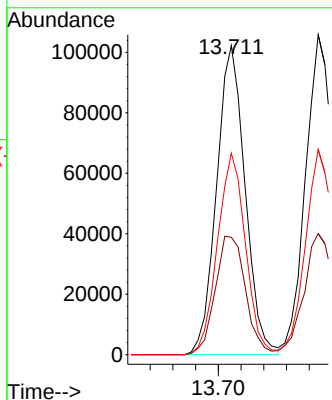
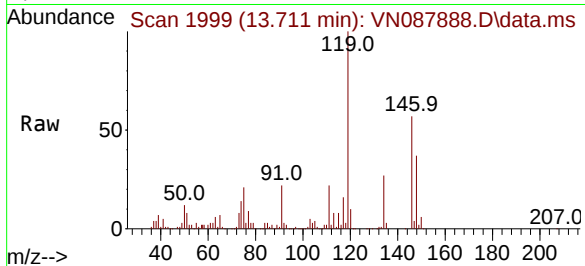




#87
 1,3-Dichlorobenzene
 Concen: 19.990 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

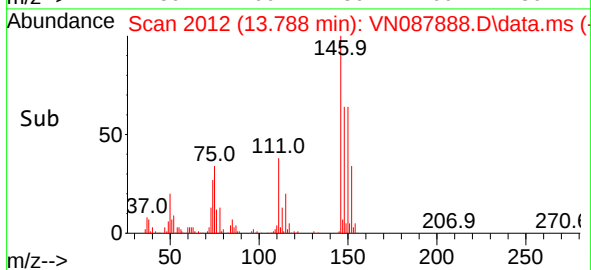
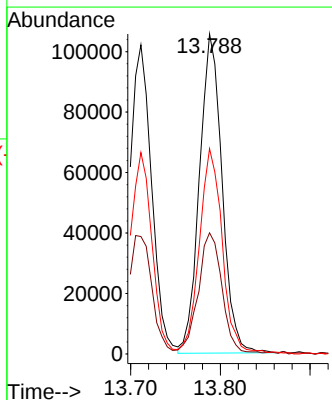
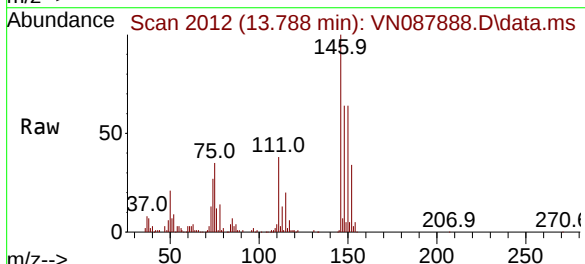
Instrument :
 MSVOA_N
 ClientSampleId :

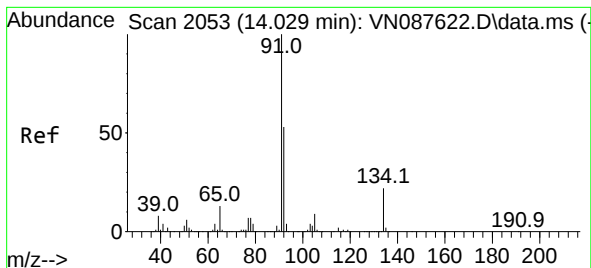
Tgt Ion:146 Resp: 178253
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.1 66.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.884 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion:146 Resp: 184513
 Ion Ratio Lower Upper
 146 100
 111 39.3 21.0 63.0
 148 65.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.985 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

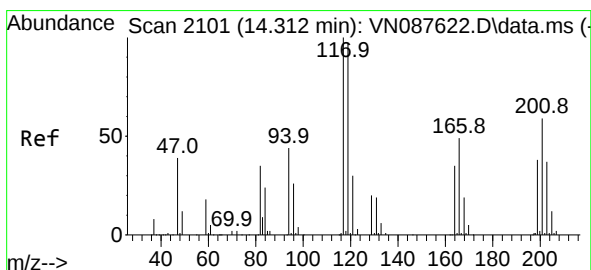
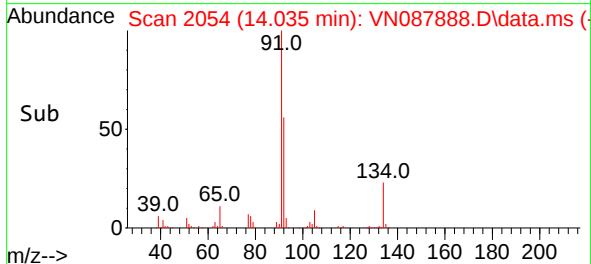
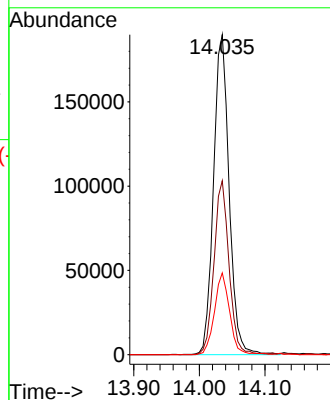
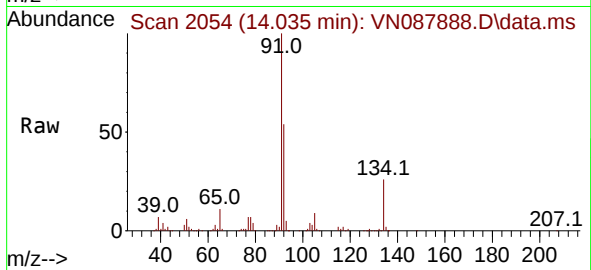
Tgt Ion: 91 Resp: 313663

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 24.9 11.7 35.0



#90

Hexachloroethane

Concen: 20.334 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087888.D

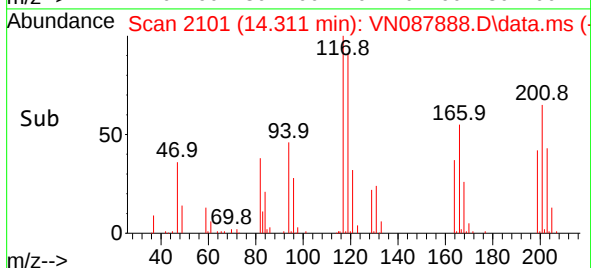
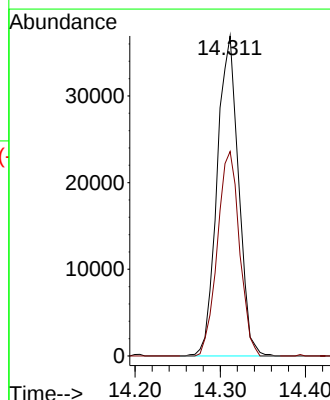
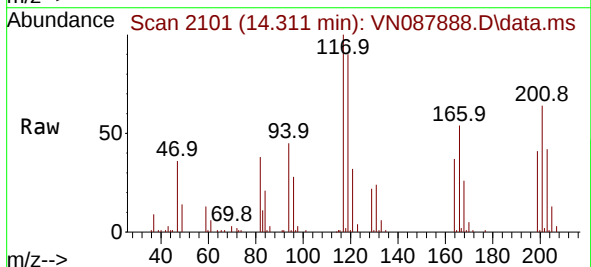
Acq: 18 Sep 2025 11:40

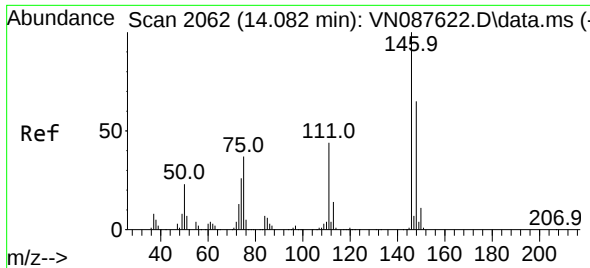
Tgt Ion: 117 Resp: 64447

Ion Ratio Lower Upper

117 100

201 65.9 29.1 87.4

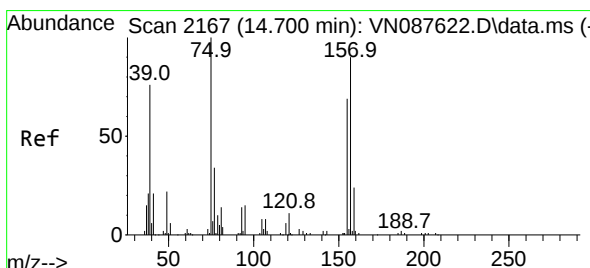
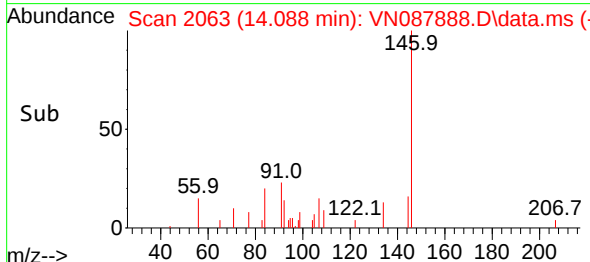
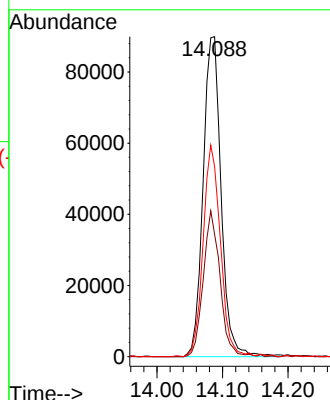
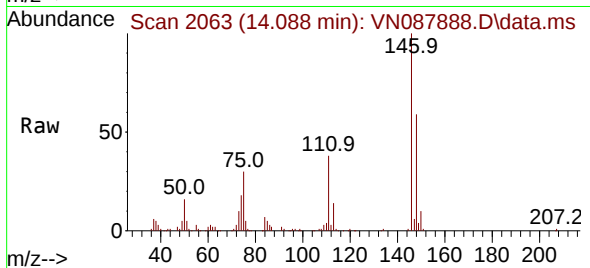




#91
 1,2-Dichlorobenzene
 Concen: 20.358 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

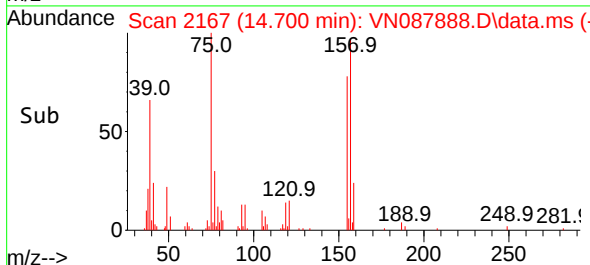
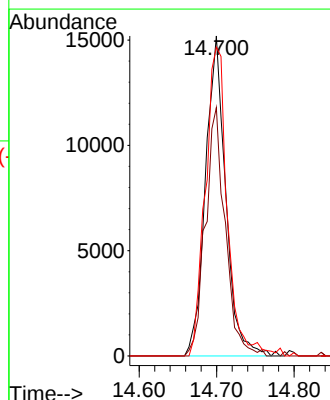
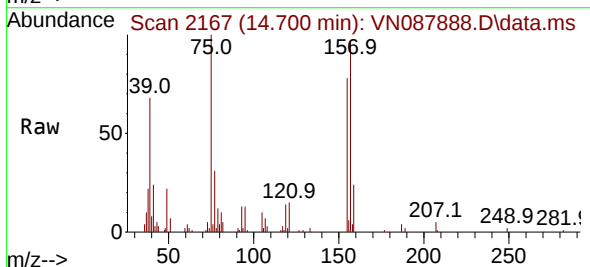
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:146 Resp: 172217
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.6 67.8
 148 63.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.604 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN087888.D
 Acq: 18 Sep 2025 11:40

Tgt Ion: 75 Resp: 27650
 Ion Ratio Lower Upper
 75 100
 155 76.0 36.6 109.9
 157 104.7 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.728 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

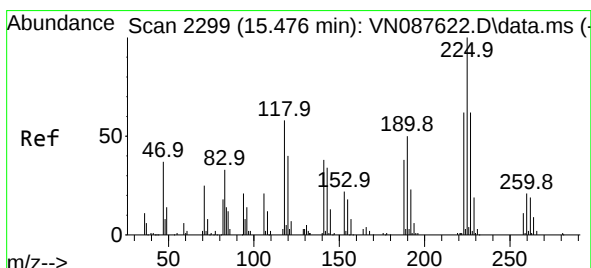
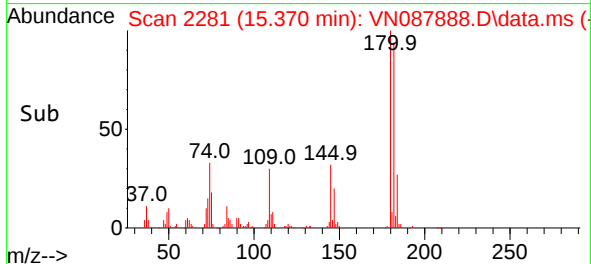
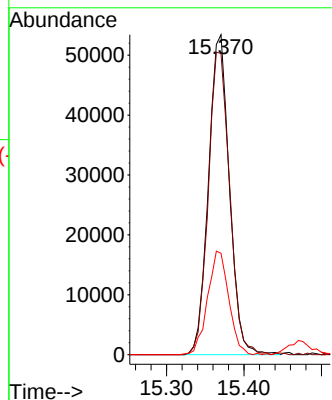
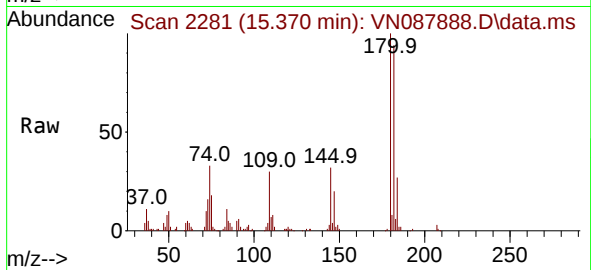
Tgt Ion:180 Resp: 100215

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 32.7 16.5 49.5



#94

Hexachlorobutadiene

Concen: 21.183 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

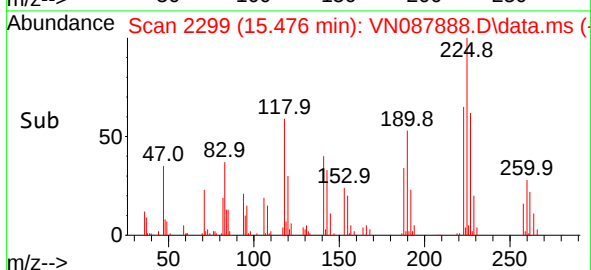
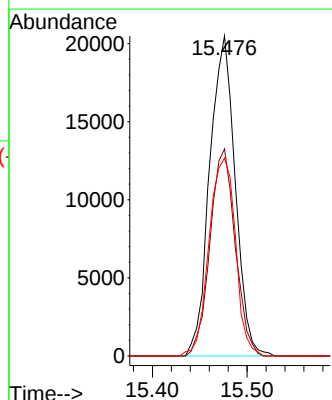
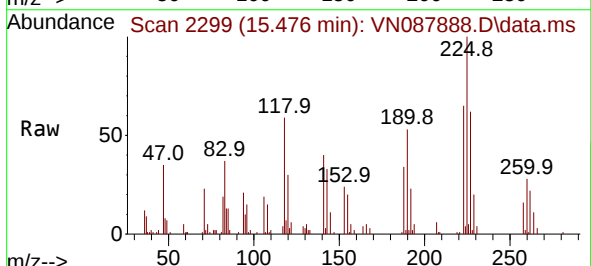
Tgt Ion:225 Resp: 38363

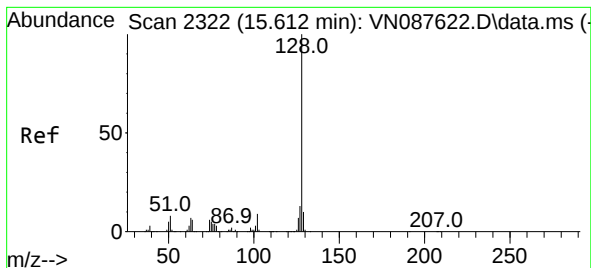
Ion Ratio Lower Upper

225 100

223 63.8 32.0 96.2

227 64.0 32.1 96.5





#95

Naphthalene

Concen: 17.427 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

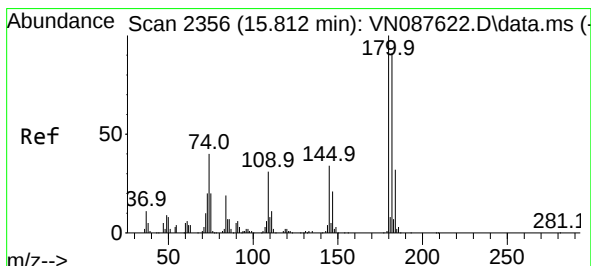
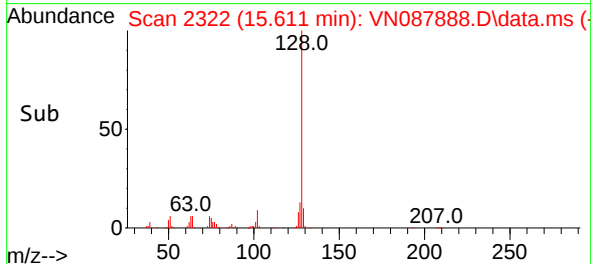
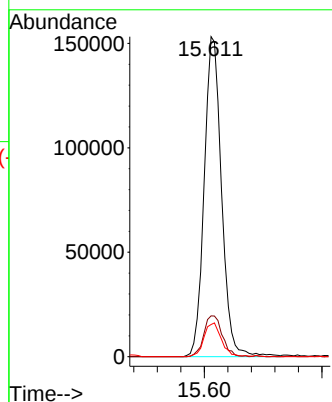
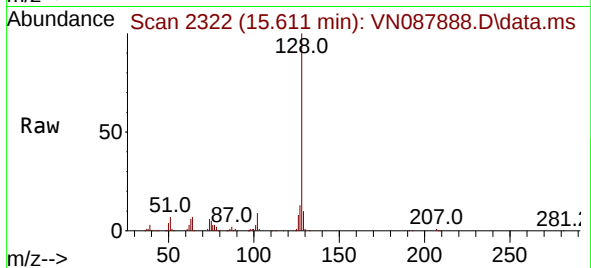
Tgt Ion:128 Resp: 313574

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.026 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087888.D

Acq: 18 Sep 2025 11:40

Tgt Ion:180 Resp: 99454

Ion Ratio Lower Upper

180 100

182 91.6 46.8 140.3

145 31.5 17.3 52.0

