

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
 Data File : VN087671.D
 Acq On : 26 Aug 2025 15:29
 Operator : JC\MD
 Sample : VN0826WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Quant Time: Aug 27 01:48:30 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	198008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	367348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	187839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	194545	47.953	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	8.153	113	132713	46.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	10.547	98	494001	46.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.829	95	179531	47.266	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	64302	22.865	ug/l	95
3) Chloromethane	2.383	50	60661	20.989	ug/l	95
4) Vinyl Chloride	2.536	62	70831	21.137	ug/l	99
5) Bromomethane	2.983	94	37311	21.579	ug/l	94
6) Chloroethane	3.142	64	49018	20.813	ug/l	97
7) Trichlorofluoromethane	3.512	101	100429	20.456	ug/l	98
8) Diethyl Ether	3.959	74	43133	20.173	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	54481	19.612	ug/l	97
10) Methyl Iodide	4.589	142	27208	18.131	ug/l #	94
11) Tert butyl alcohol	5.518	59	69286	98.375	ug/l	99
12) 1,1-Dichloroethene	4.342	96	58926	20.641	ug/l	95
13) Acrolein	4.177	56	82354	95.114	ug/l	96
14) Allyl chloride	5.018	41	96106	18.577	ug/l	97
15) Acrylonitrile	5.712	53	197682	99.522	ug/l	100
16) Acetone	4.424	43	218652	99.006	ug/l	98
17) Carbon Disulfide	4.700	76	150572	19.159	ug/l	99
18) Methyl Acetate	5.012	43	100414	21.715	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	213246	19.912	ug/l	96
20) Methylene Chloride	5.265	84	65338	19.702	ug/l #	91
21) trans-1,2-Dichloroethene	5.777	96	57570	18.607	ug/l	95
22) Diisopropyl ether	6.659	45	227072	20.340	ug/l	99
23) Vinyl Acetate	6.589	43	1030511	101.460	ug/l	98
24) 1,1-Dichloroethane	6.559	63	121076	19.780	ug/l	98
25) 2-Butanone	7.471	43	297325	102.331	ug/l	97
26) 2,2-Dichloropropane	7.471	77	106826	20.334	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	73710	19.928	ug/l	100
28) Bromochloromethane	7.800	49	57372	19.388	ug/l	96
29) Tetrahydrofuran	7.824	42	185311	99.103	ug/l	99
30) Chloroform	7.947	83	129537	20.733	ug/l	100
31) Cyclohexane	8.241	56	98298	19.263	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	106125	20.043	ug/l	98
36) 1,1-Dichloropropene	8.347	75	81229	18.555	ug/l	98
37) Ethyl Acetate	7.547	43	112790	18.855	ug/l	98
38) Carbon Tetrachloride	8.347	117	85891	19.872	ug/l	91
39) Methylcyclohexane	9.583	83	88363	18.334	ug/l	99
40) Benzene	8.588	78	268597	20.004	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	62721	20.241	ug/l	98
42) 1,2-Dichloroethane	8.653	62	105520	20.450	ug/l	99
43) Isopropyl Acetate	8.677	43	187397	20.065	ug/l	99
44) Trichloroethene	9.335	130	57485	18.752	ug/l	96
45) 1,2-Dichloropropane	9.600	63	70684	19.971	ug/l	98
46) Dibromomethane	9.694	93	50887	20.205	ug/l	97
47) Bromodichloromethane	9.865	83	104723	20.288	ug/l	94
48) Methyl methacrylate	9.665	41	87645	19.840	ug/l	99
49) 1,4-Dioxane	9.683	88	21896	382.402	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	589467	104.609	ug/l	99
52) Toluene	10.606	92	163594	19.653	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	106373	19.909	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	113361	20.434	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	66428	20.629	ug/l	95
56) Ethyl methacrylate	10.859	69	102385	19.895	ug/l	96
57) 1,3-Dichloropropane	11.141	76	115683	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	271042	97.309	ug/l	99
59) 2-Hexanone	11.177	43	384182	107.877	ug/l	100
60) Dibromochloromethane	11.341	129	75653	20.276	ug/l	99
61) 1,2-Dibromoethane	11.447	107	67879	19.991	ug/l	98
64) Tetrachloroethene	11.082	164	48062	18.858	ug/l	96
65) Chlorobenzene	11.871	112	178321	19.512	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	61618	20.309	ug/l	99
67) Ethyl Benzene	11.941	91	306841	19.391	ug/l	98
68) m/p-Xylenes	12.053	106	225688	38.890	ug/l	98
69) o-Xylene	12.376	106	111207	19.554	ug/l	98
70) Styrene	12.394	104	193273	20.285	ug/l	99
71) Bromoform	12.559	173	47543	20.432	ug/l #	96
73) Isopropylbenzene	12.676	105	283161	18.655	ug/l	98
74) N-amyl acetate	12.529	43	24297	4.224	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.918	83	106716	20.421	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	132867	30.163	ug/l	63
77) Bromobenzene	12.959	156	67613	18.892	ug/l	96
78) n-propylbenzene	13.012	91	355090	18.993	ug/l	100
79) 2-Chlorotoluene	13.100	91	210108	18.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	244526	18.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	31562	18.969	ug/l	88
82) 4-Chlorotoluene	13.200	91	227537	19.235	ug/l	100
83) tert-Butylbenzene	13.418	119	205289	19.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	256617	19.908	ug/l	96
85) sec-Butylbenzene	13.594	105	304060	19.095	ug/l	98
86) p-Isopropyltoluene	13.706	119	247190	18.800	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	133973	19.009	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	139016	18.954	ug/l	99
89) n-Butylbenzene	14.035	91	245461	18.797	ug/l	99
90) Hexachloroethane	14.306	117	47221	18.850	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	132259	19.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22925	18.467	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	77500	19.302	ug/l	98
94) Hexachlorobutadiene	15.470	225	27103	18.935	ug/l	97
95) Naphthalene	15.612	128	263572	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	72189	18.391	ug/l	100

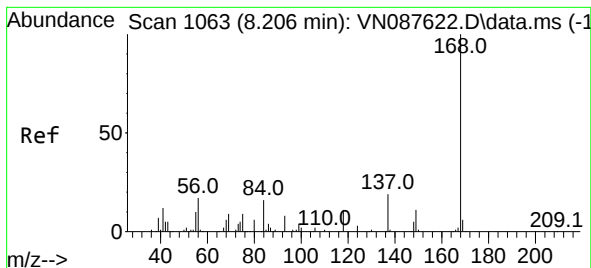
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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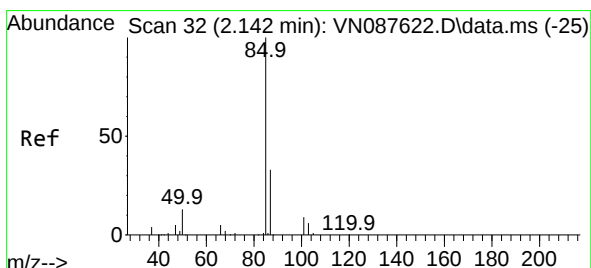
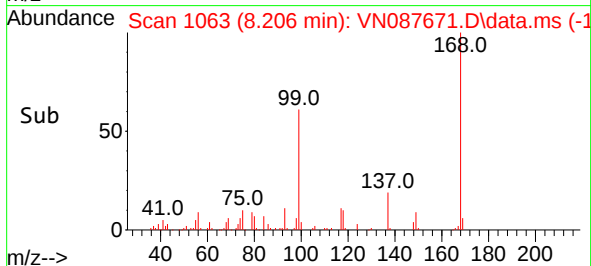
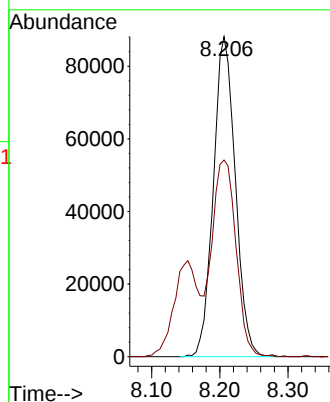
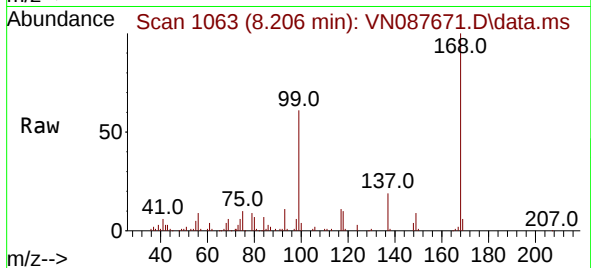
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

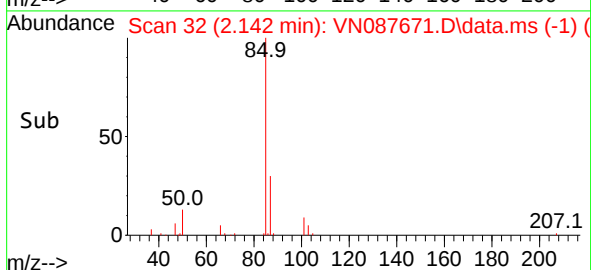
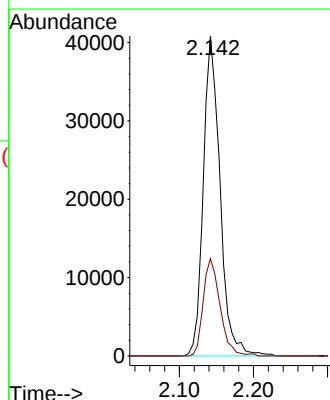
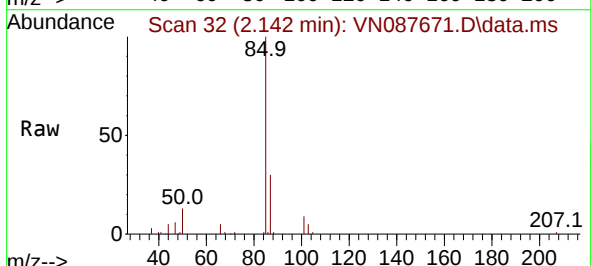
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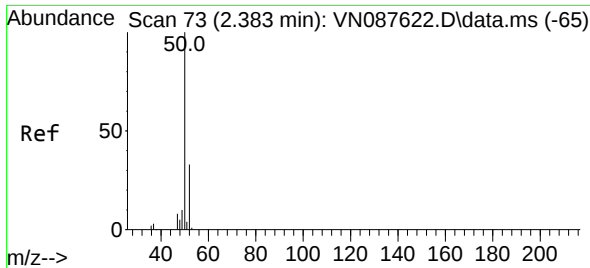
Tgt Ion:168 Resp: 198008
Ion Ratio Lower Upper
168 100
99 61.5 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 22.865 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 85 Resp: 64302
Ion Ratio Lower Upper
85 100
87 30.4 16.6 49.8

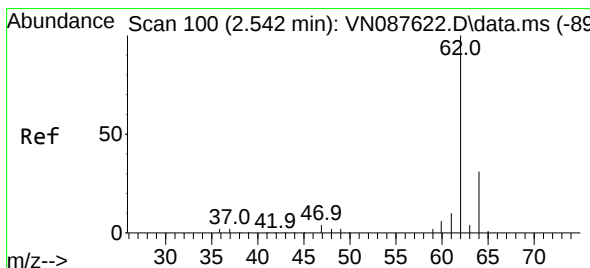
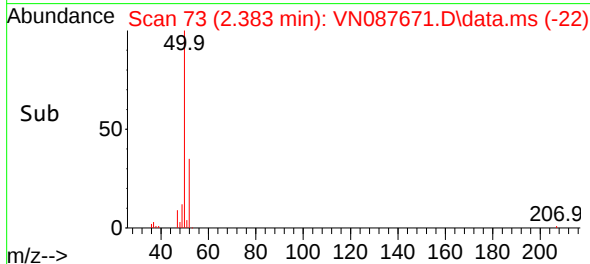
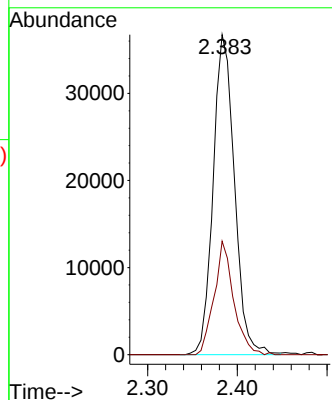
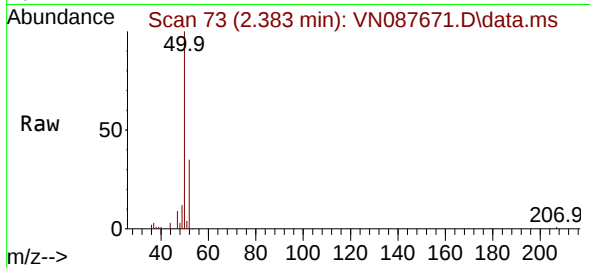




#3
Chloromethane
Concen: 20.989 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

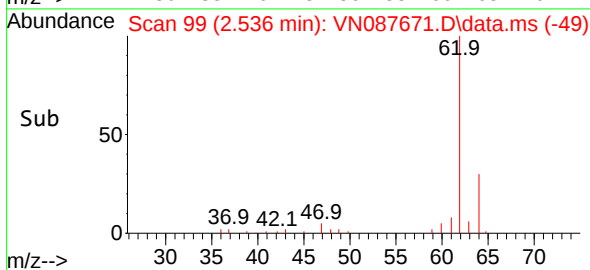
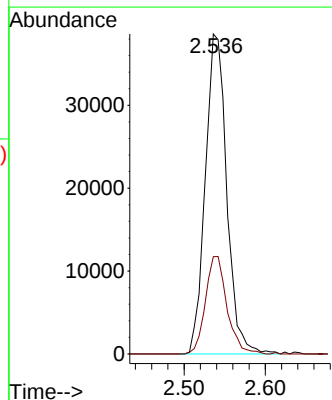
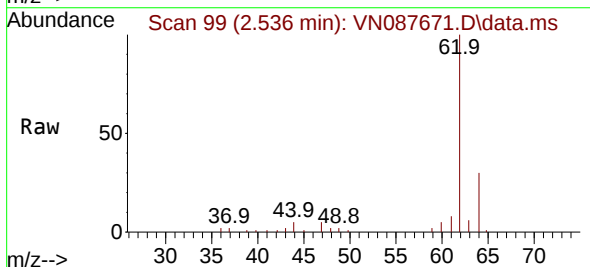
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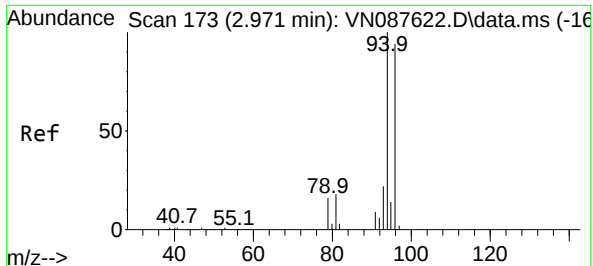
Tgt Ion: 50 Resp: 60661
Ion Ratio Lower Upper
50 100
52 35.5 26.2 39.4



#4
Vinyl Chloride
Concen: 21.137 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 62 Resp: 70831
Ion Ratio Lower Upper
62 100
64 30.4 24.6 37.0

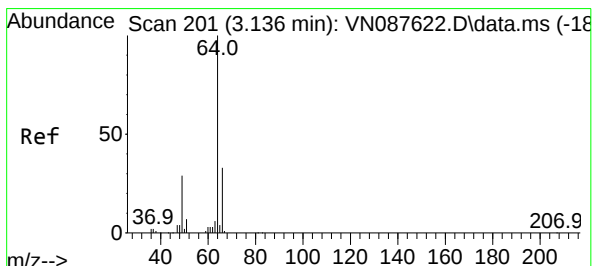
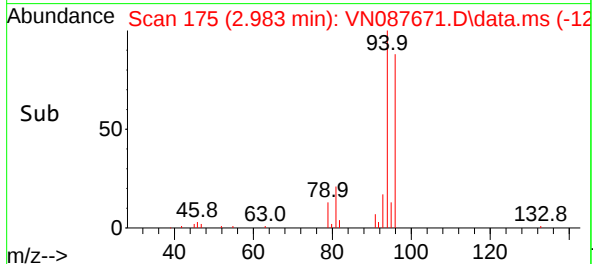
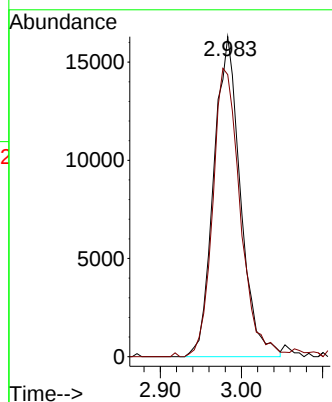
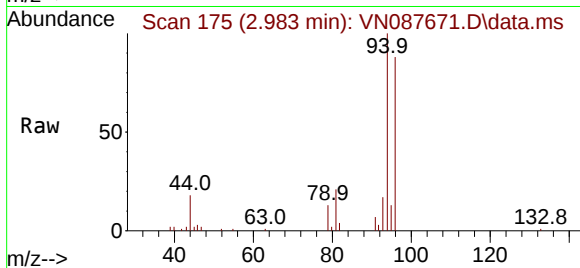




#5
Bromomethane
Concen: 21.579 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

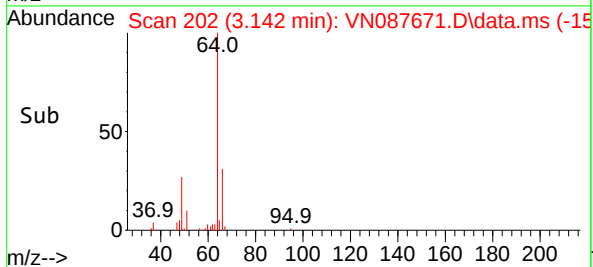
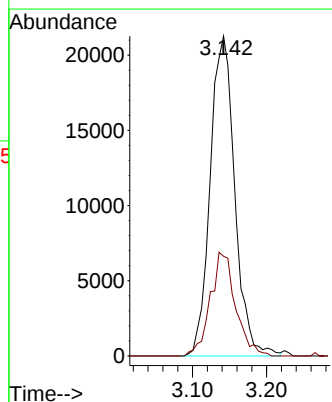
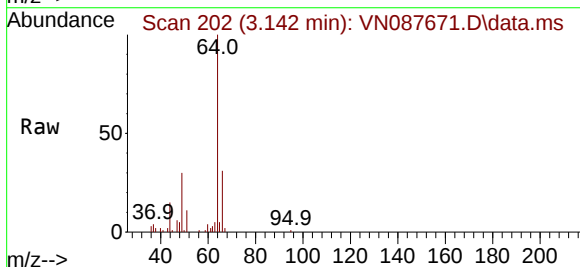
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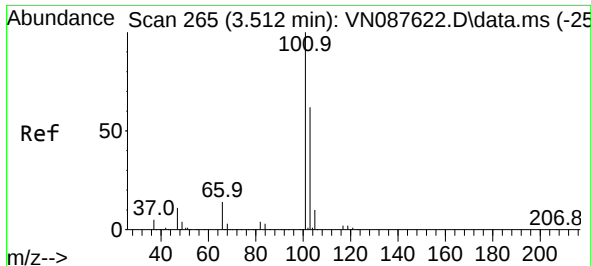
Tgt Ion: 94 Resp: 37311
Ion Ratio Lower Upper
94 100
96 88.1 75.4 113.2



#6
Chloroethane
Concen: 20.813 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 64 Resp: 49018
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.2

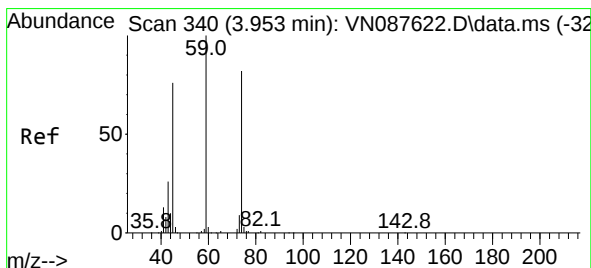
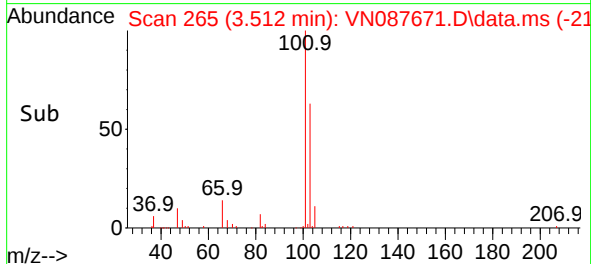
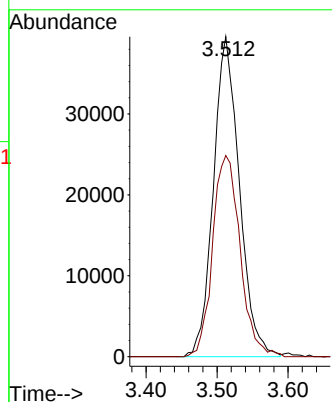
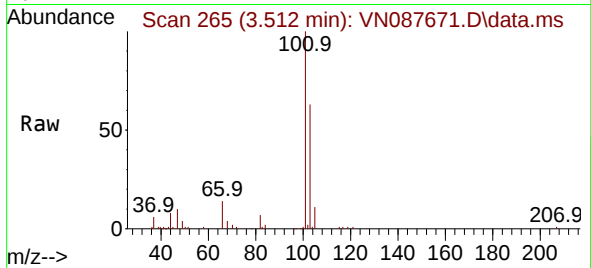




#7
 Trichlorofluoromethane
 Concen: 20.456 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

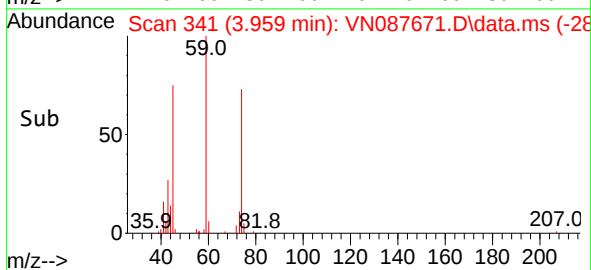
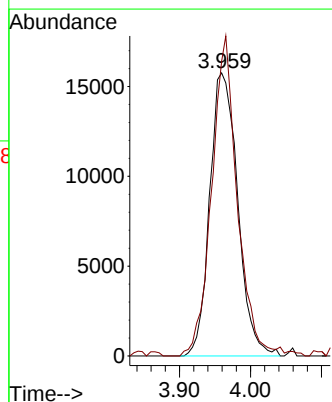
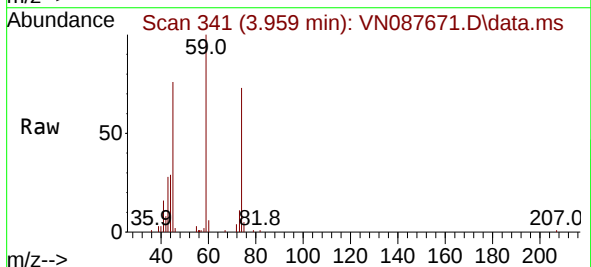
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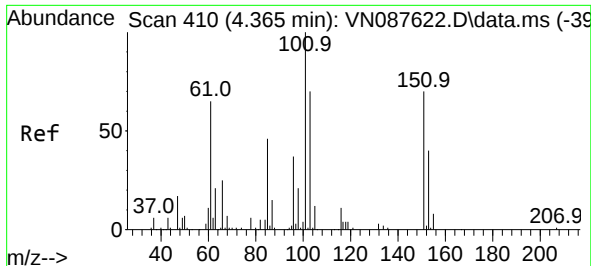
Tgt Ion:101 Resp: 100429
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.4 74.0



#8
 Diethyl Ether
 Concen: 20.173 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion: 74 Resp: 43133
 Ion Ratio Lower Upper
 74 100
 45 104.0 50.6 151.9

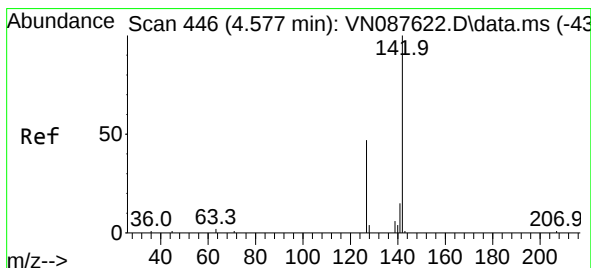
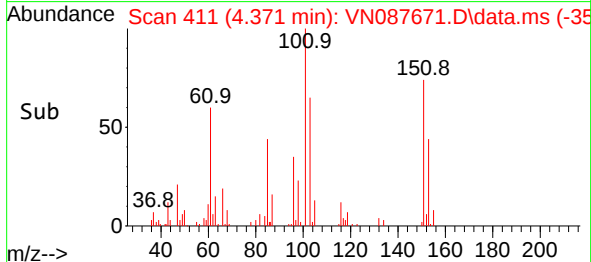
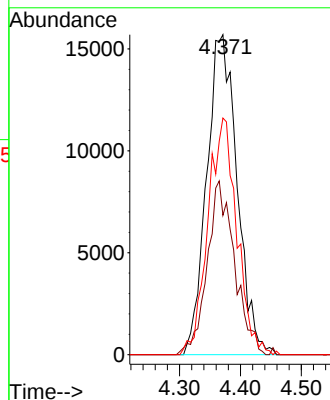
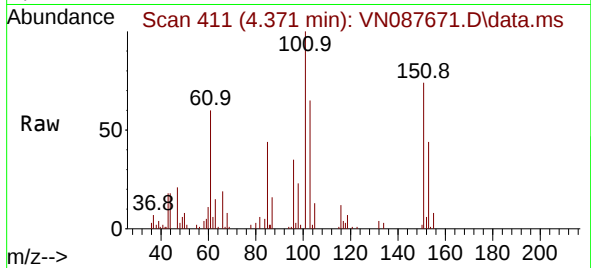




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.612 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087671.D
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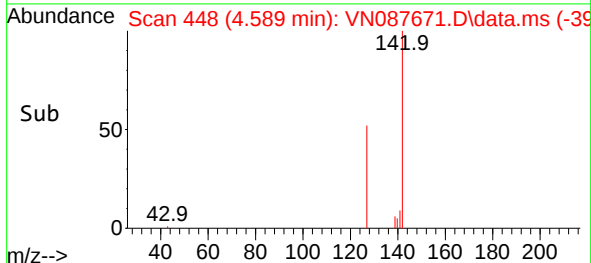
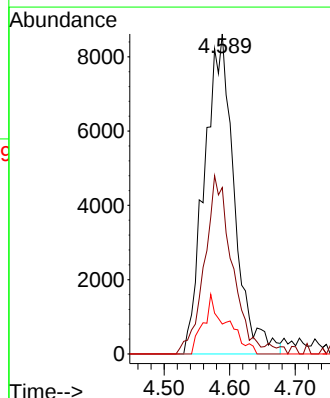
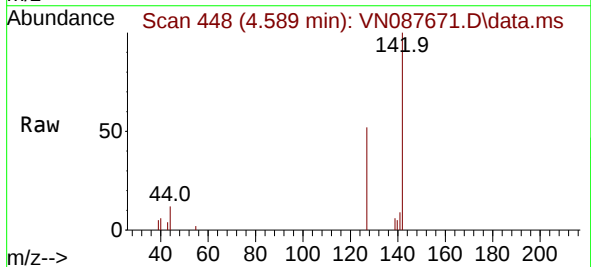
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

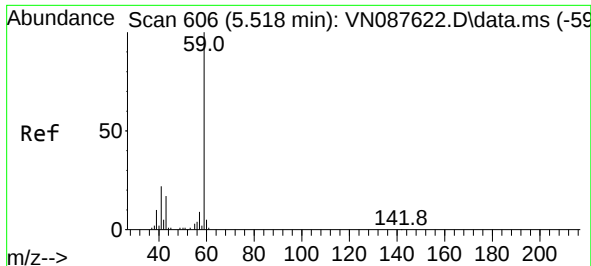
Tgt Ion:101 Resp: 54481
Ion Ratio Lower Upper
101 100
85 49.0 36.6 55.0
151 70.4 54.7 82.1



#10
Methyl Iodide
Concen: 18.131 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:142 Resp: 27208
Ion Ratio Lower Upper
142 100
127 50.2 38.0 57.0
141 9.3 12.0 18.0#

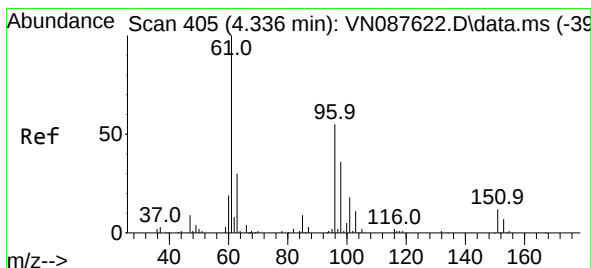
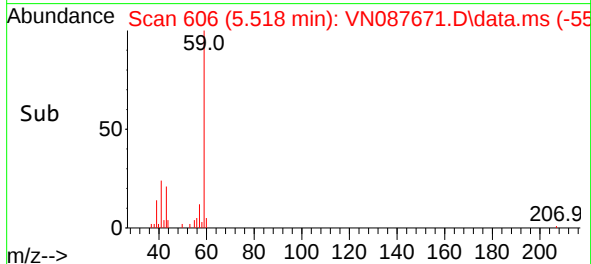
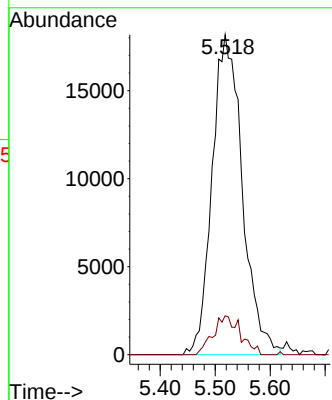
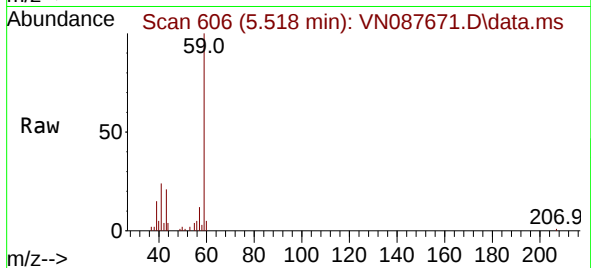




#11
Tert butyl alcohol
Concen: 98.375 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

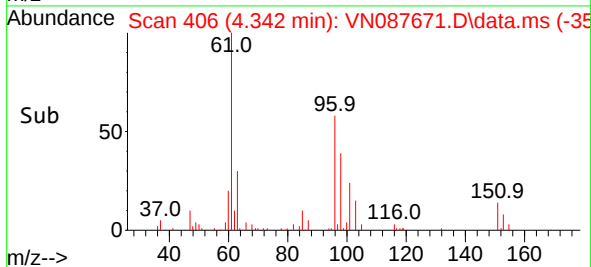
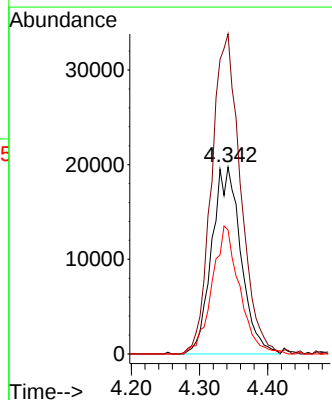
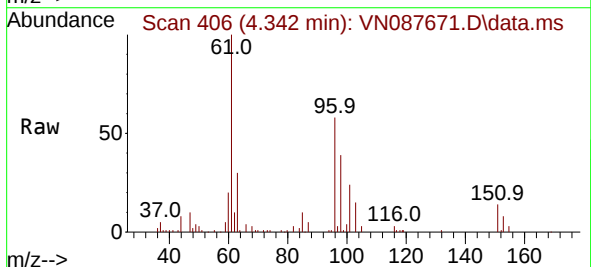
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

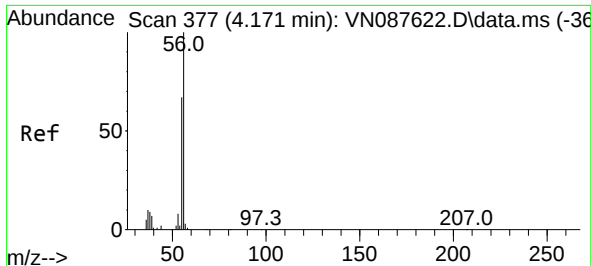
Tgt Ion: 59 Resp: 69286
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 20.641 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 96 Resp: 58926
Ion Ratio Lower Upper
96 100
61 171.2 143.8 215.8
98 66.4 52.1 78.1





#13

Acrolein

Concen: 95.114 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

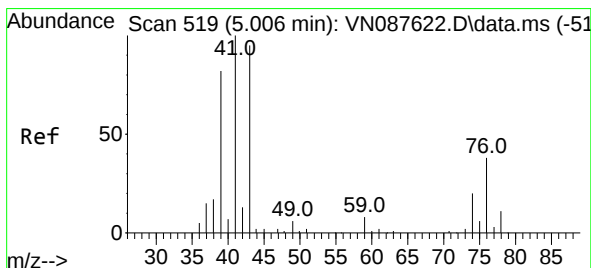
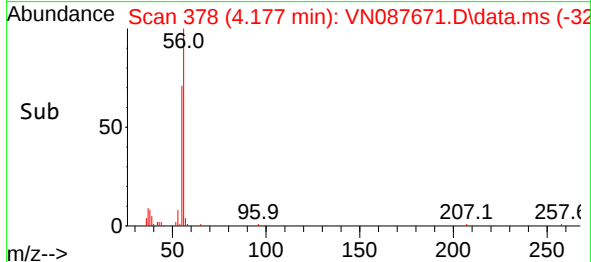
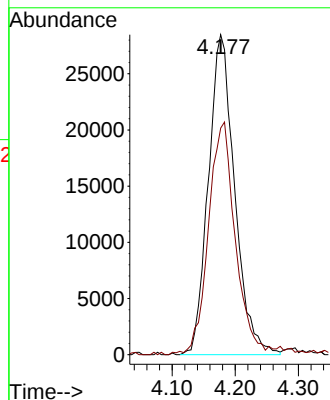
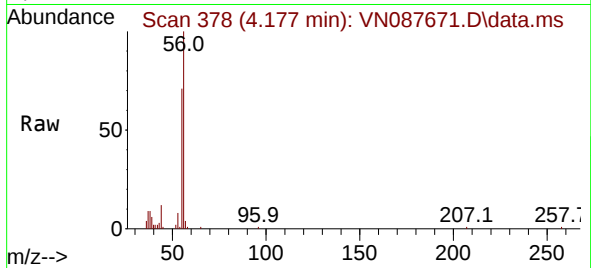
VN0826WBS01

Tgt Ion: 56 Resp: 82354

Ion Ratio Lower Upper

56 100

55 74.6 57.3 85.9



#14

Allyl chloride

Concen: 18.577 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

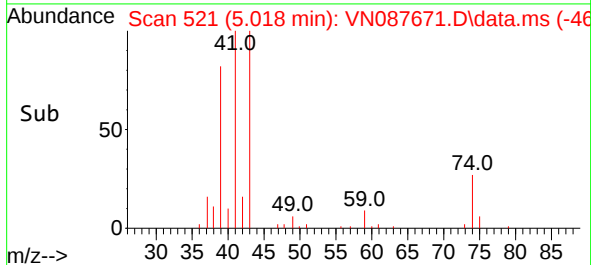
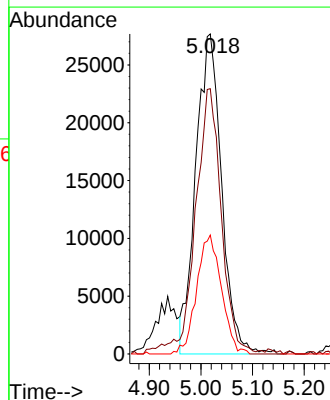
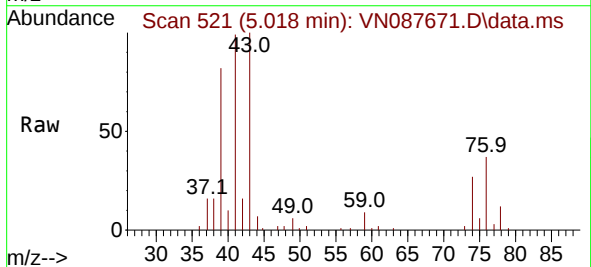
Tgt Ion: 41 Resp: 96106

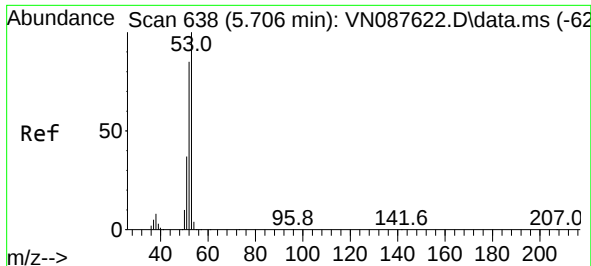
Ion Ratio Lower Upper

41 100

39 83.0 63.9 95.9

76 35.6 28.1 42.1

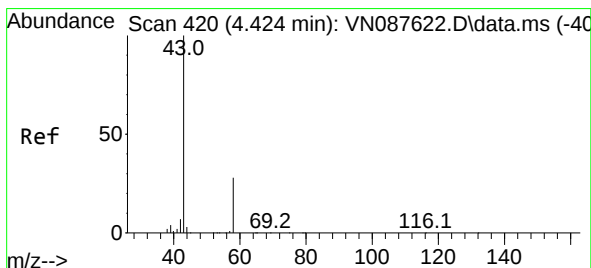
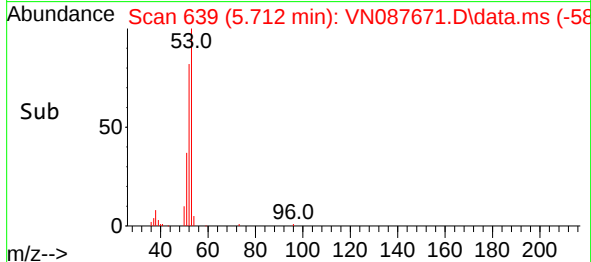
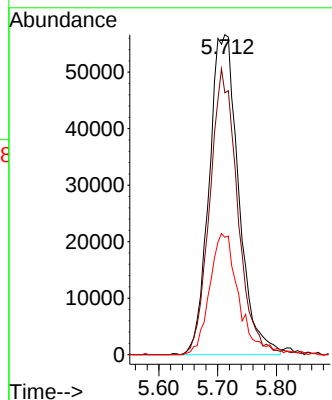
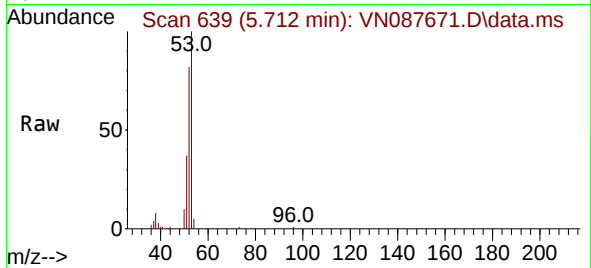




#15
Acrylonitrile
Concen: 99.522 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

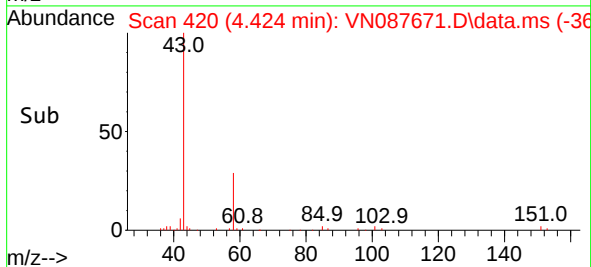
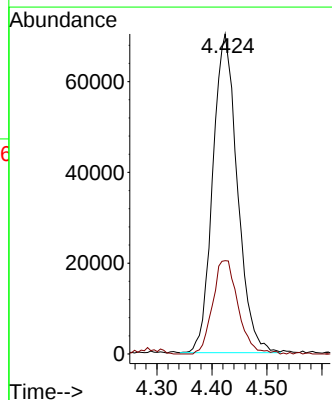
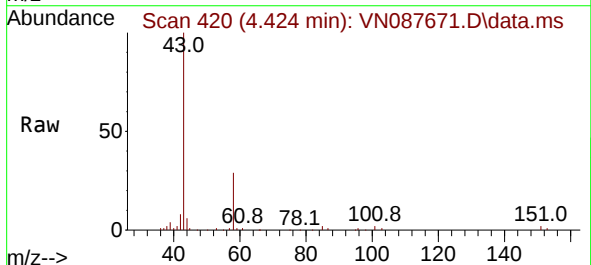
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

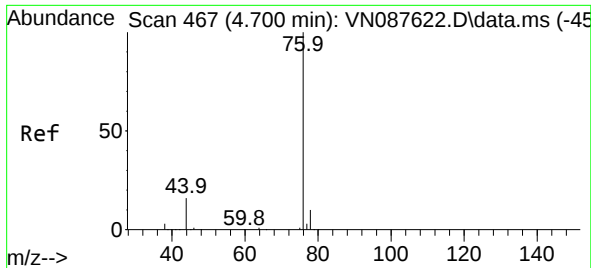
Tgt Ion: 53 Resp: 197682
Ion Ratio Lower Upper
53 100
52 84.1 67.6 101.4
51 37.4 30.1 45.1



#16
Acetone
Concen: 99.006 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 43 Resp: 218652
Ion Ratio Lower Upper
43 100
58 29.3 22.6 33.8

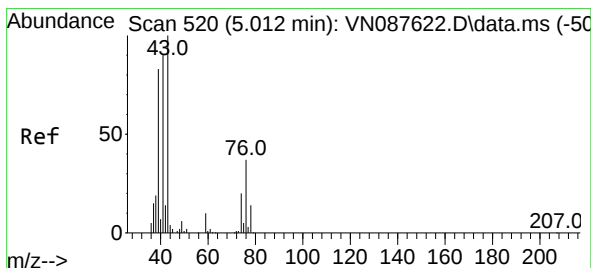
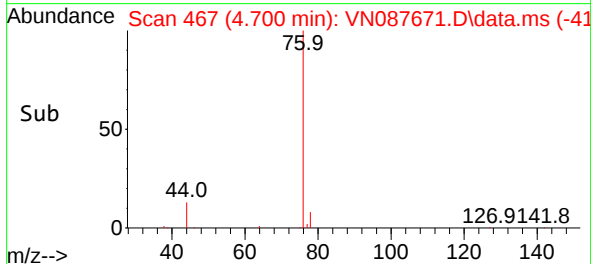
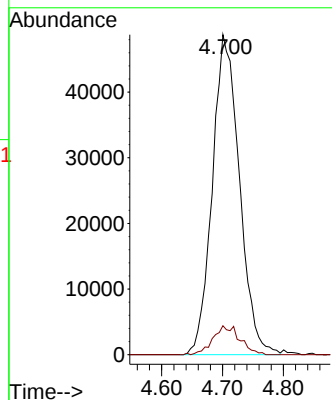
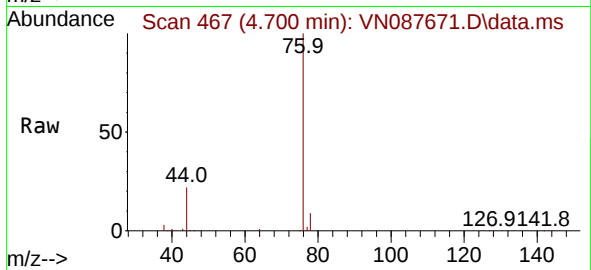




#17
Carbon Disulfide
Concen: 19.159 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

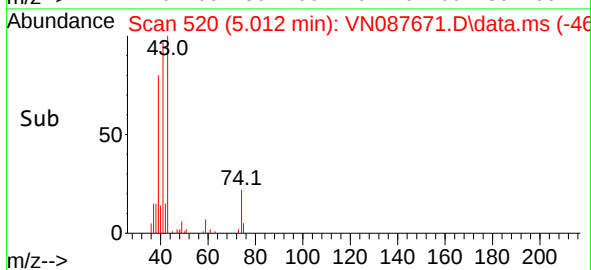
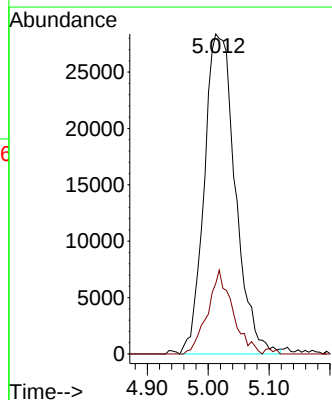
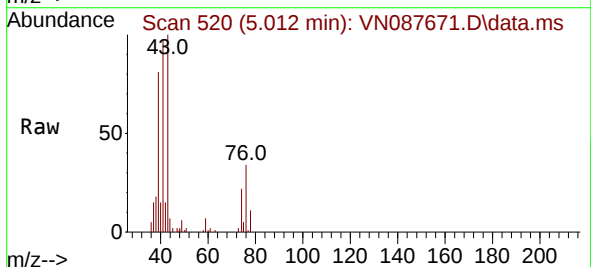
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

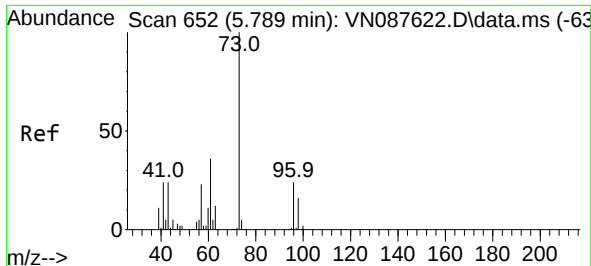
Tgt Ion: 76 Resp: 150572
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 21.715 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 43 Resp: 100414
Ion Ratio Lower Upper
43 100
74 21.2 17.6 26.4

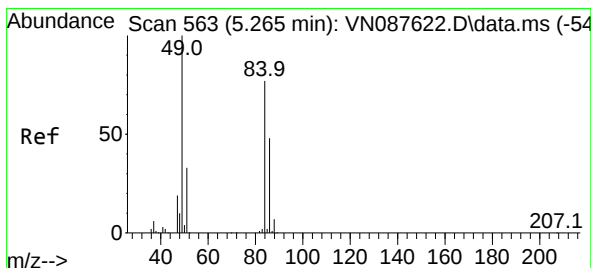
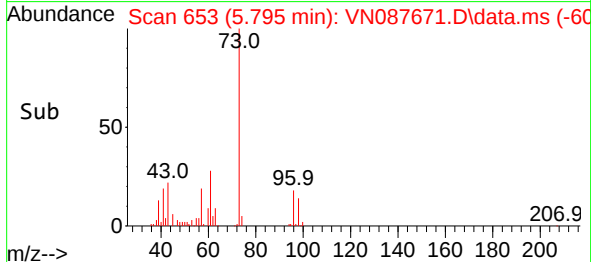
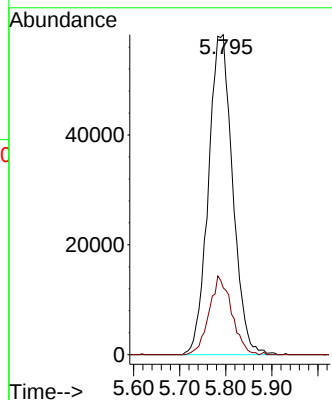
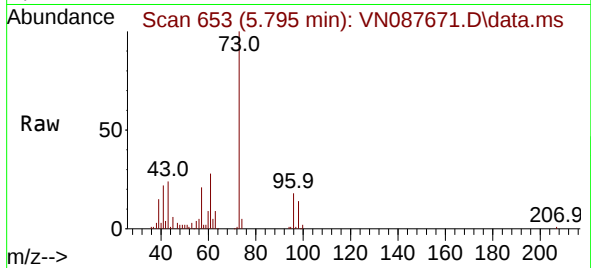




#19
Methyl tert-butyl Ether
Concen: 19.912 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

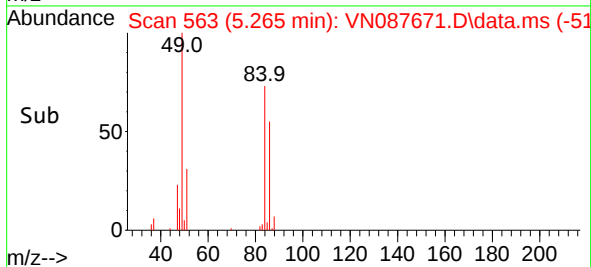
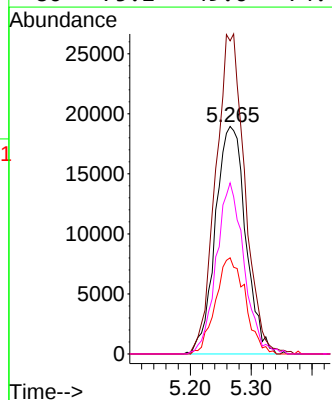
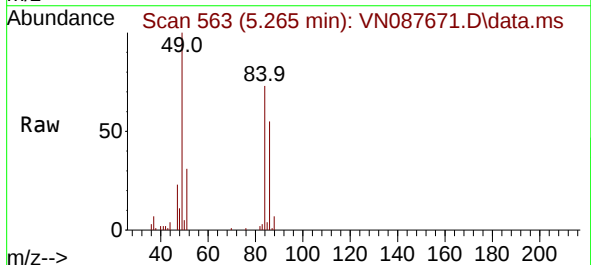
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

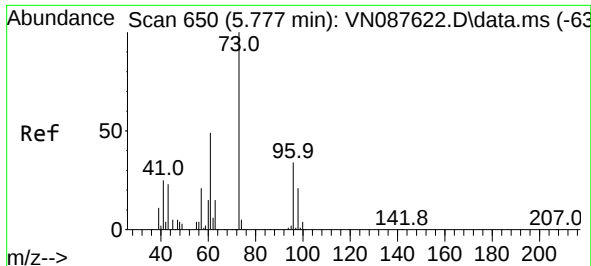
Tgt Ion: 73 Resp: 213246
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6



#20
Methylene Chloride
Concen: 19.702 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 84 Resp: 65338
Ion Ratio Lower Upper
84 100
49 137.7 103.4 155.2
51 42.3 33.8 50.8
86 75.2 49.6 74.4#

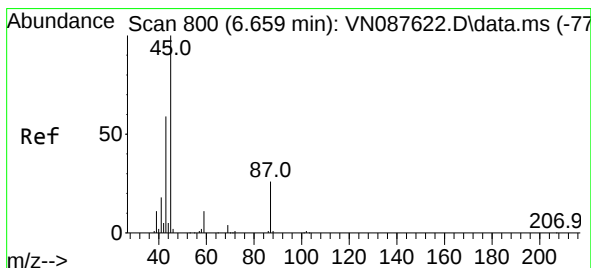
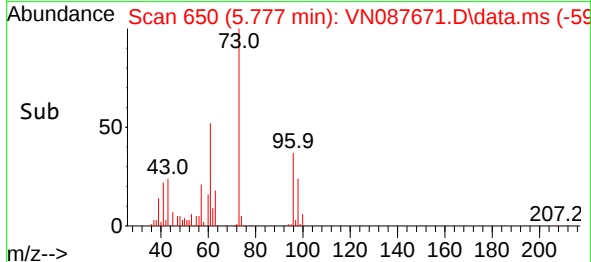
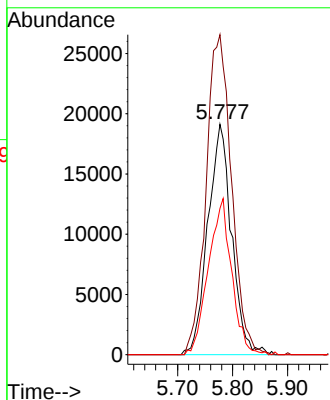
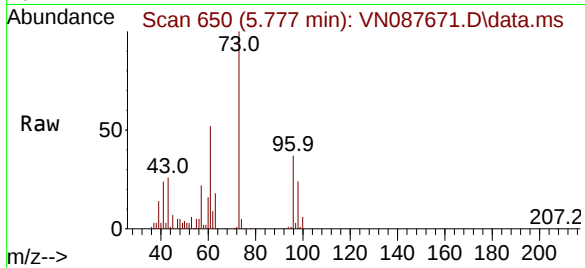




#21
trans-1,2-Dichloroethene
Concen: 18.607 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

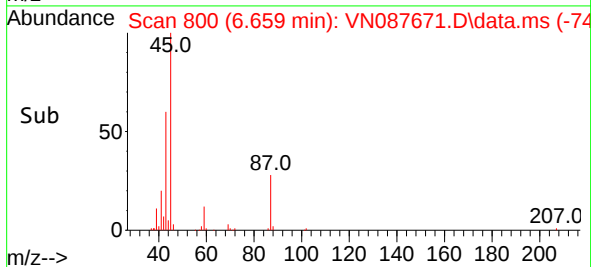
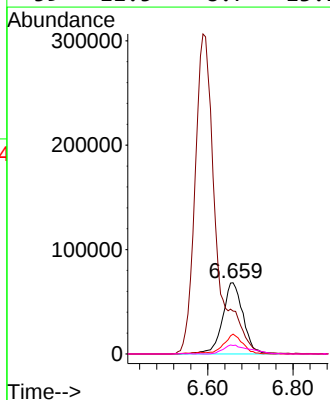
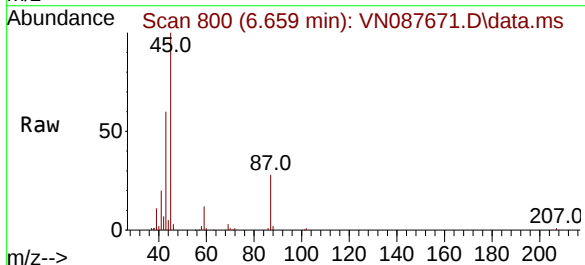
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

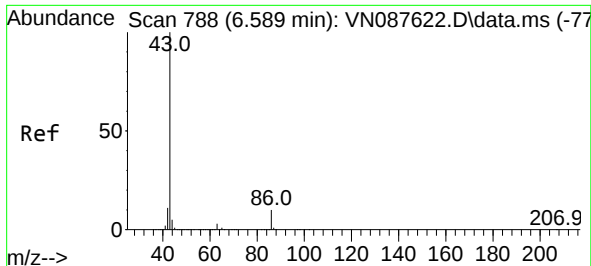
Tgt Ion: 96 Resp: 57570
Ion Ratio Lower Upper
96 100
61 138.9 118.0 177.0
98 63.5 50.0 75.0



#22
Diisopropyl ether
Concen: 20.340 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 45 Resp: 227072
Ion Ratio Lower Upper
45 100
43 59.2 47.7 71.5
87 27.6 21.4 32.0
59 11.5 8.7 13.1

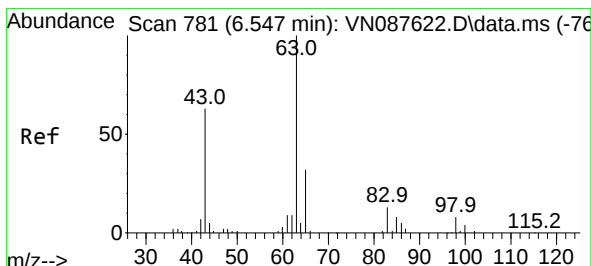
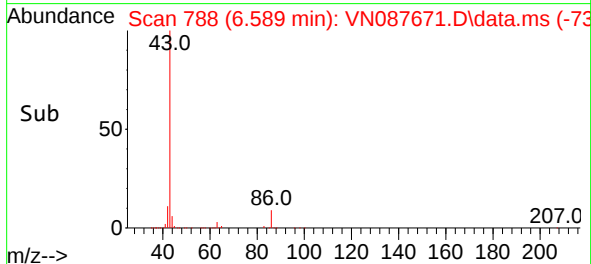
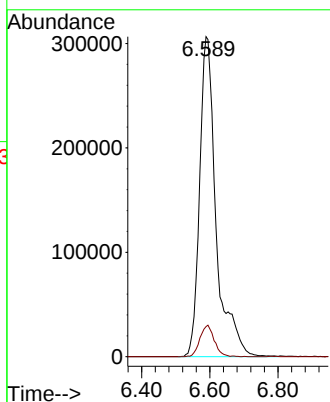
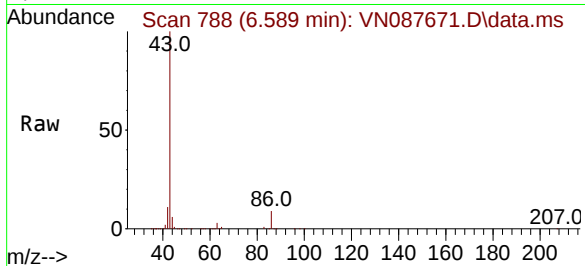




#23
 Vinyl Acetate
 Concen: 101.460 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

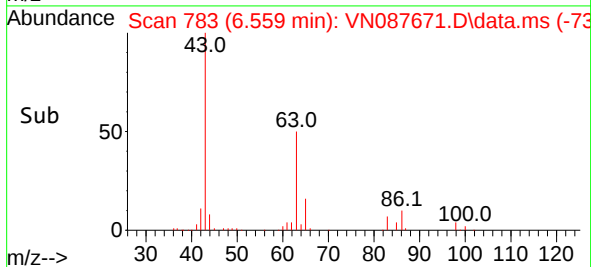
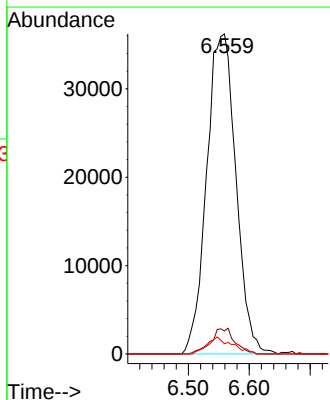
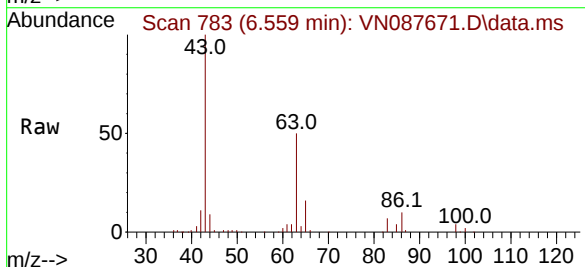
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

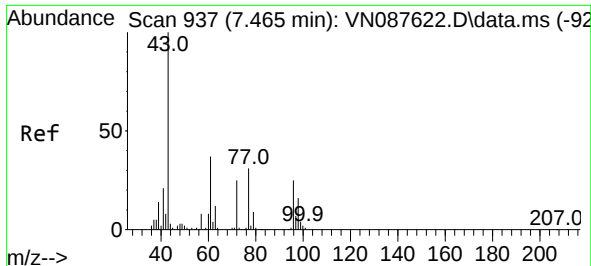
Tgt Ion: 43 Resp: 1030511
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.780 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion: 63 Resp: 121076
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 3.2 2.0 6.0

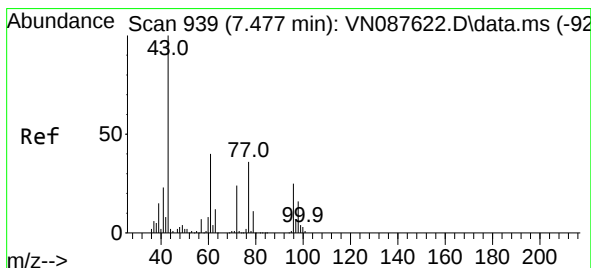
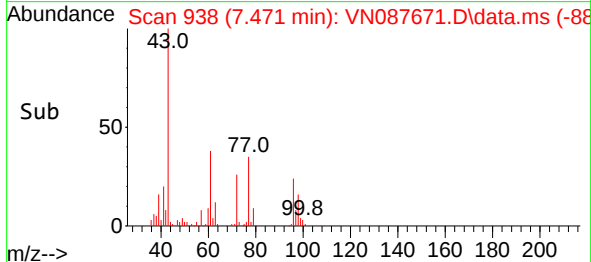
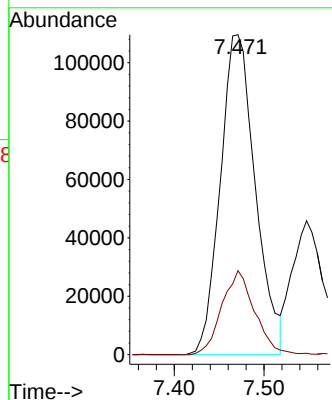
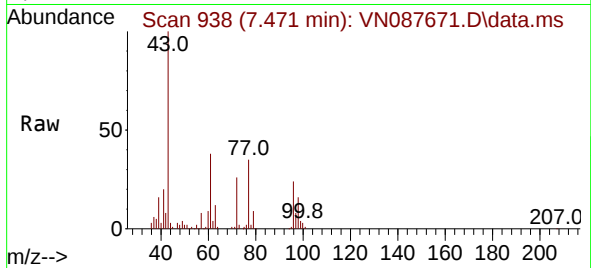




#25
2-Butanone
Concen: 102.331 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

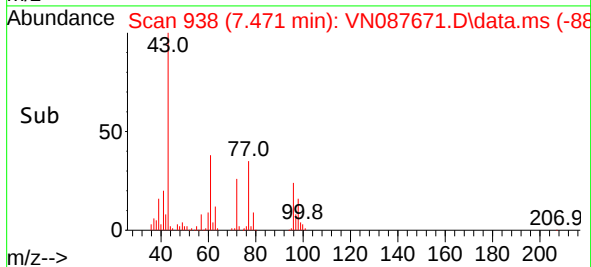
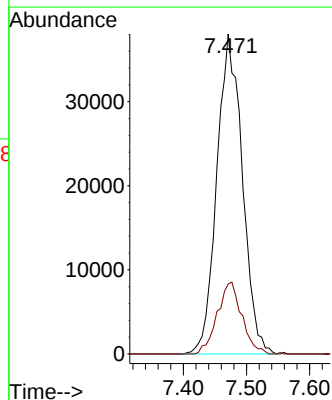
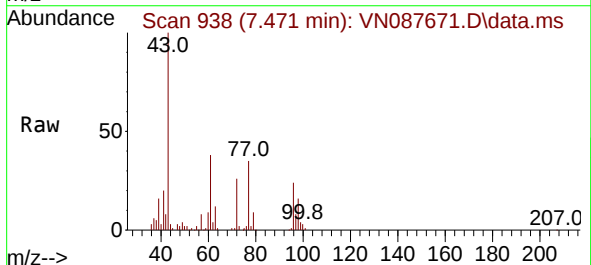
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

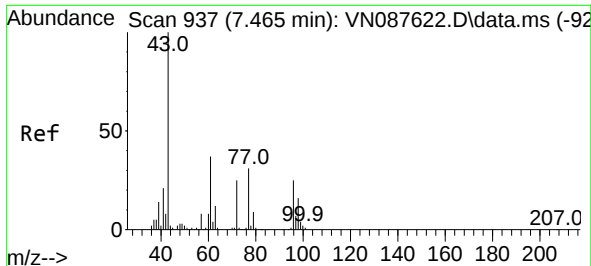
Tgt Ion: 43 Resp: 297325
Ion Ratio Lower Upper
43 100
72 26.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.334 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 77 Resp: 106826
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7

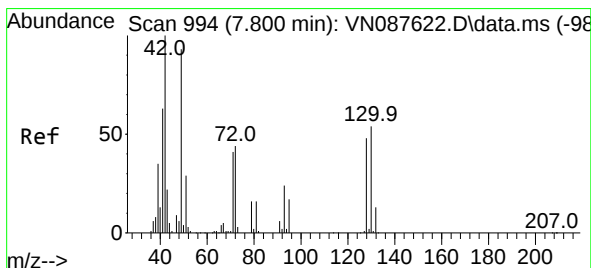
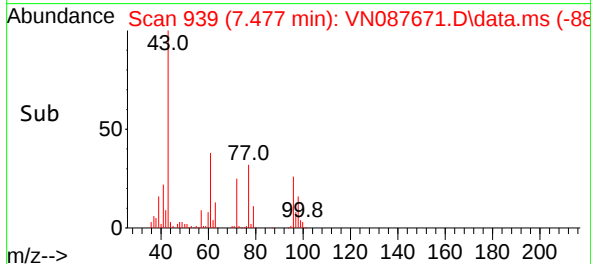
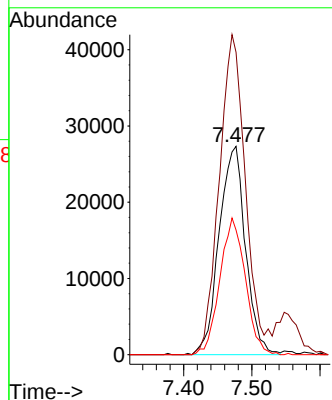
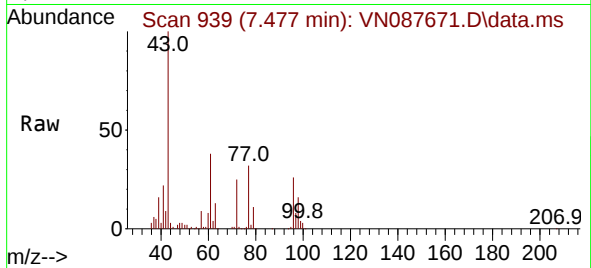




#27
 cis-1,2-Dichloroethene
 Concen: 19.928 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.012 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

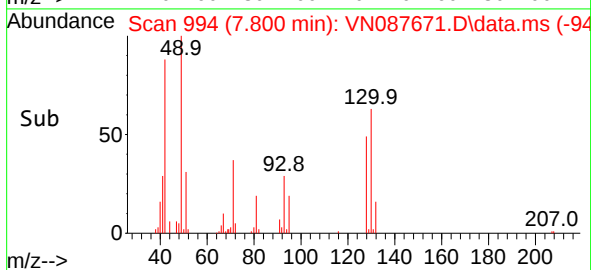
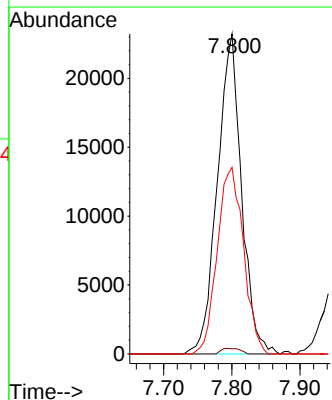
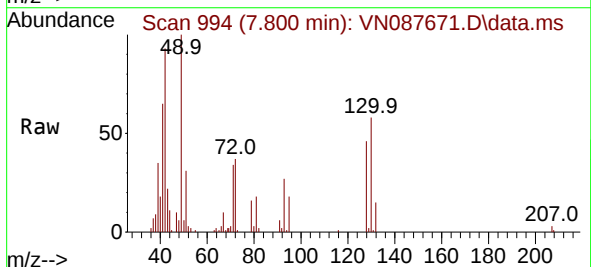
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

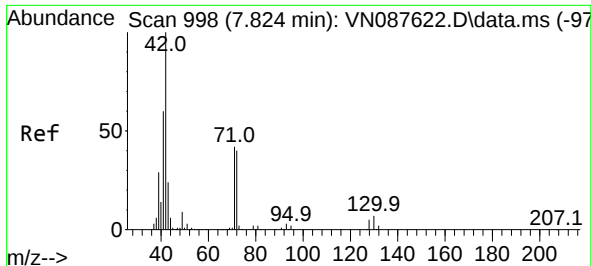
Tgt Ion: 96 Resp: 73710
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 301.8
 98 63.2 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.388 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion: 49 Resp: 57372
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 63.3 53.1 79.7

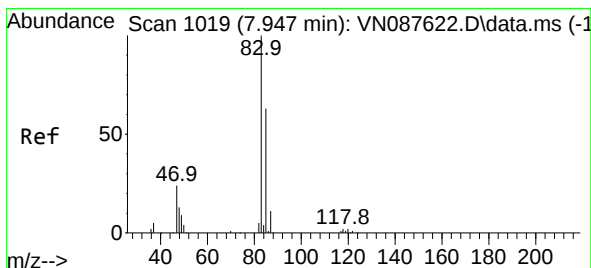
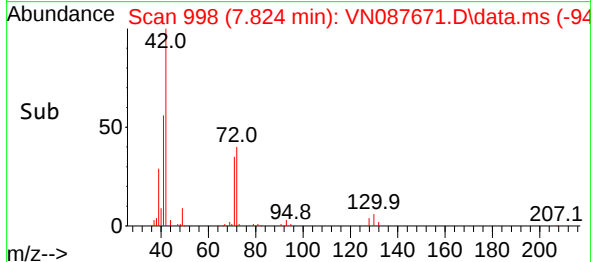
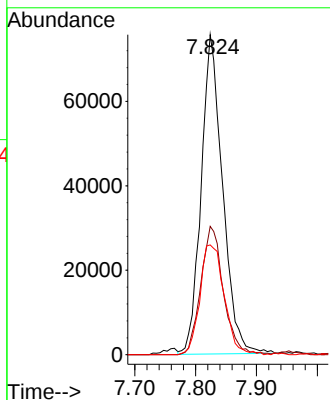
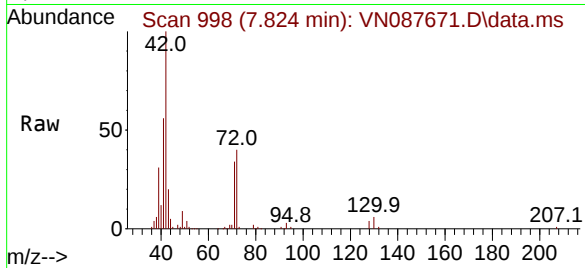




#29
Tetrahydrofuran
Concen: 99.103 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

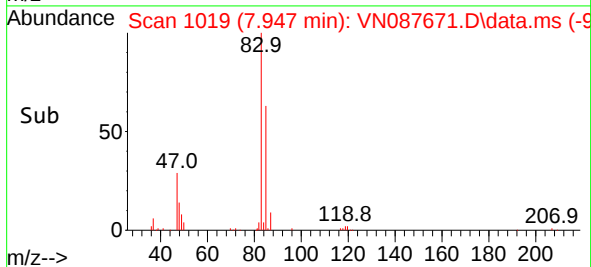
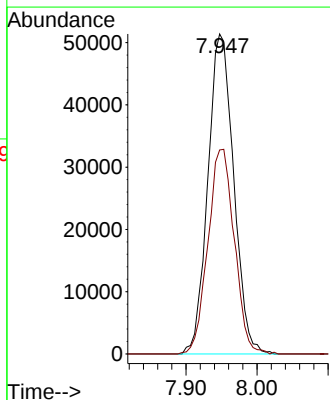
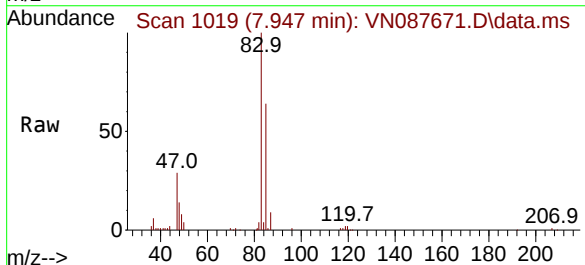
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

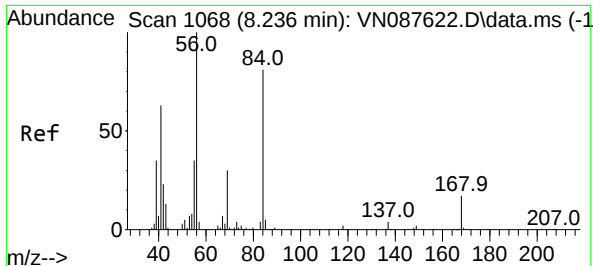
Tgt Ion: 42 Resp: 185311
Ion Ratio Lower Upper
42 100
72 42.4 33.7 50.5
71 39.0 31.9 47.9



#30
Chloroform
Concen: 20.733 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 83 Resp: 129537
Ion Ratio Lower Upper
83 100
85 63.7 50.7 76.1

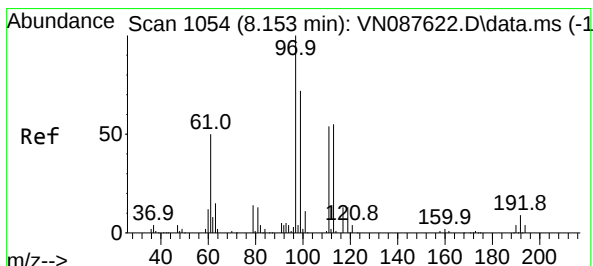
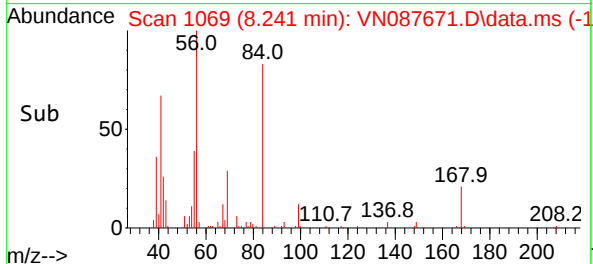
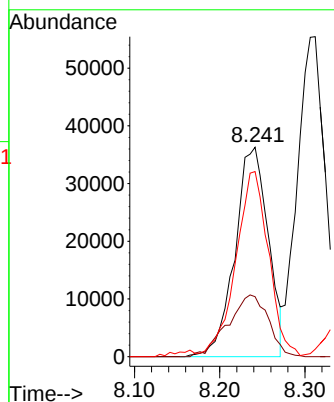
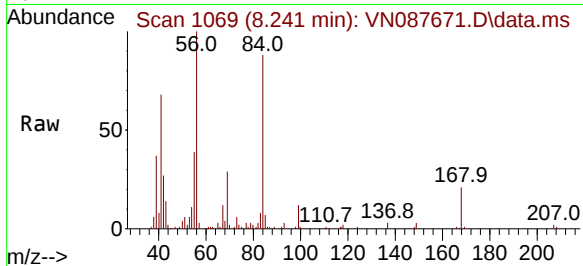




#31
Cyclohexane
Concen: 19.263 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

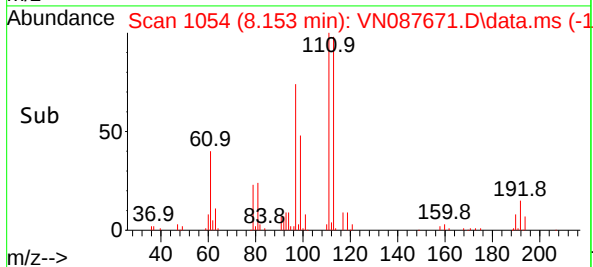
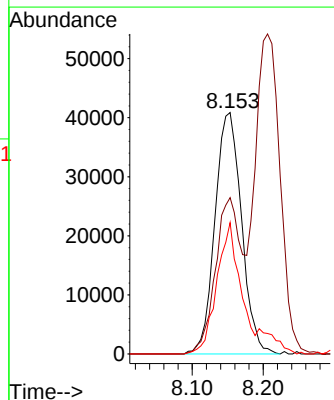
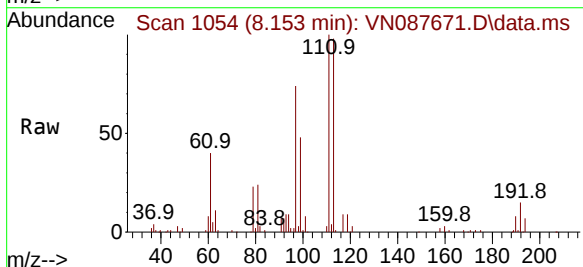
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

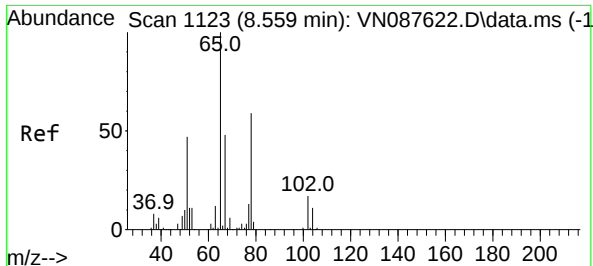
Tgt Ion:	56	Resp:	98298
Ion Ratio	Lower	Upper	
56	100		
69	28.7	23.7	35.5
84	86.1	64.7	97.1



#32
1,1,1-Trichloroethane
Concen: 20.043 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:	97	Resp:	106125
Ion Ratio	Lower	Upper	
97	100		
99	65.1	52.2	78.2
61	48.0	41.2	61.8





#33

1,2-Dichloroethane-d4

Concen: 47.953 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

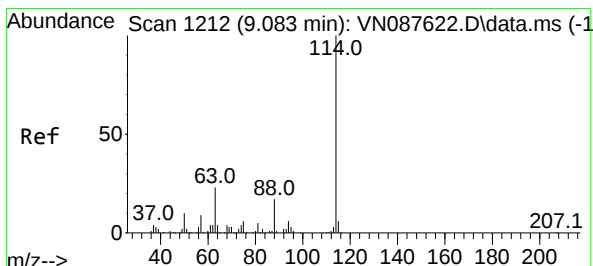
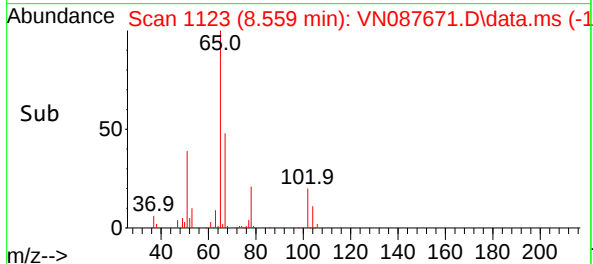
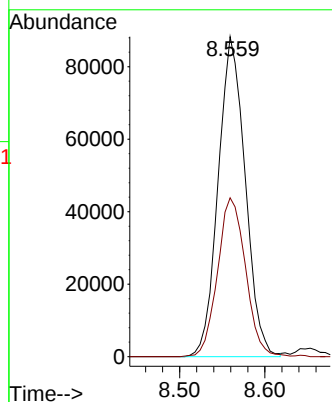
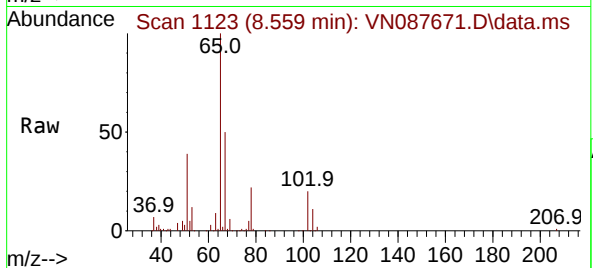
VN0826WBS01

Tgt Ion: 65 Resp: 194545

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

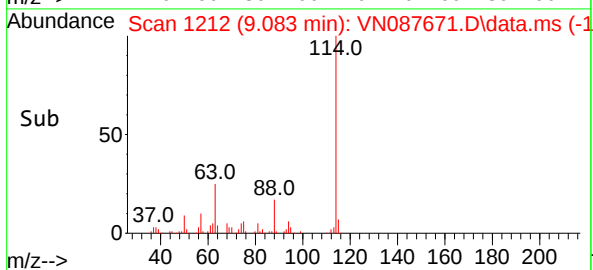
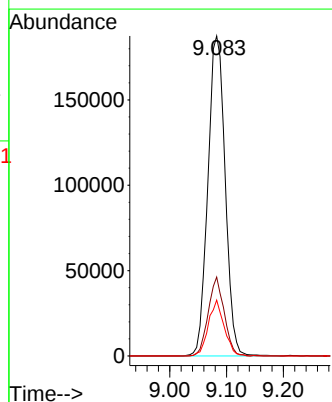
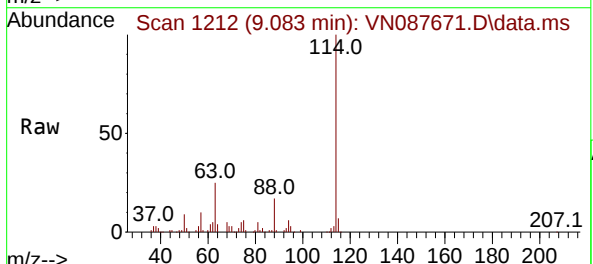
Tgt Ion: 114 Resp: 395232

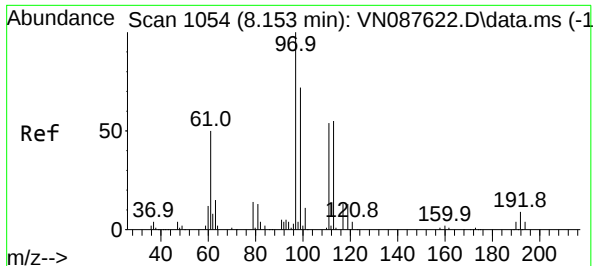
Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.2

88 17.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.508 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

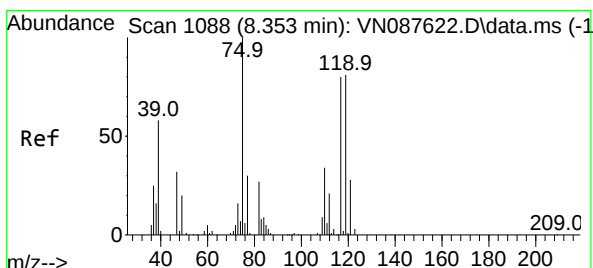
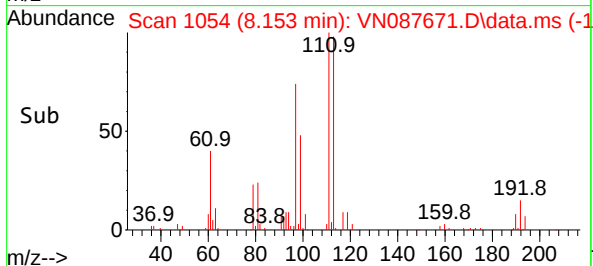
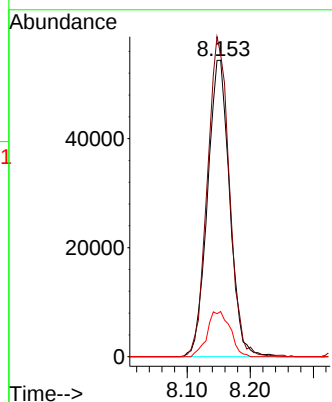
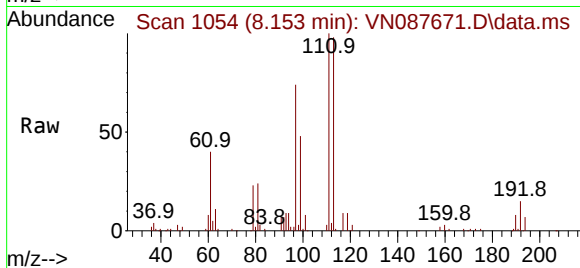
Tgt Ion:113 Resp: 132713

Ion Ratio Lower Upper

113 100

111 106.7 82.8 124.2

192 15.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 18.555 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

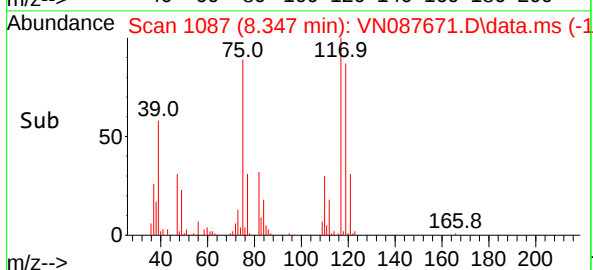
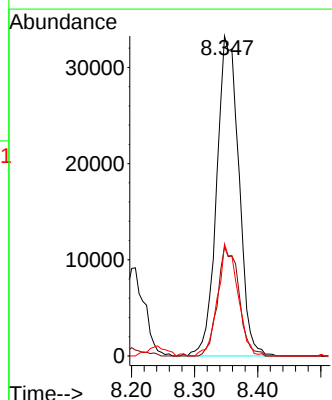
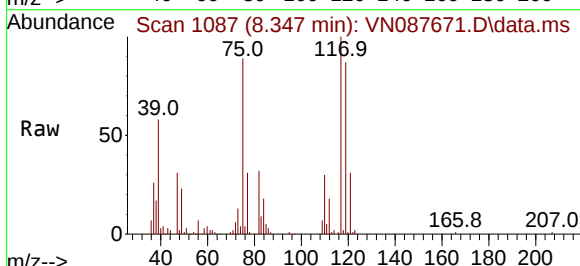
Tgt Ion: 75 Resp: 81229

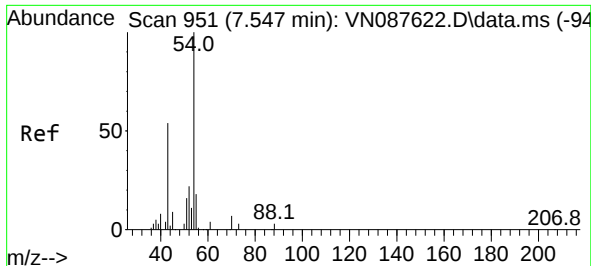
Ion Ratio Lower Upper

75 100

110 32.8 15.9 47.6

77 31.9 24.4 36.6

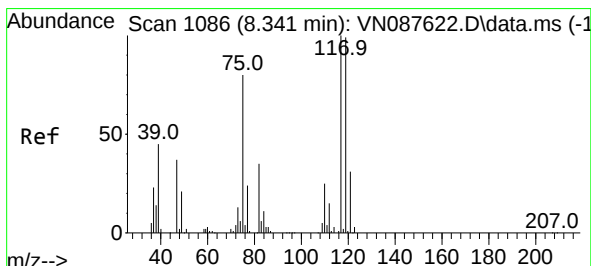
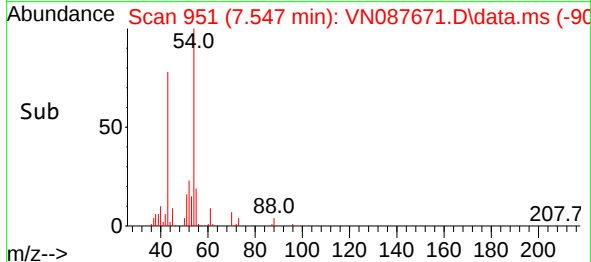
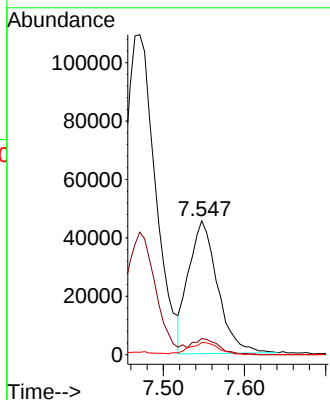
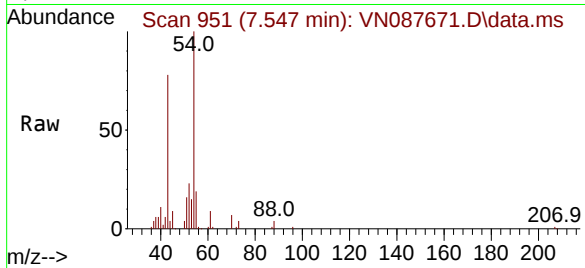




#37
Ethyl Acetate
Concen: 18.855 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

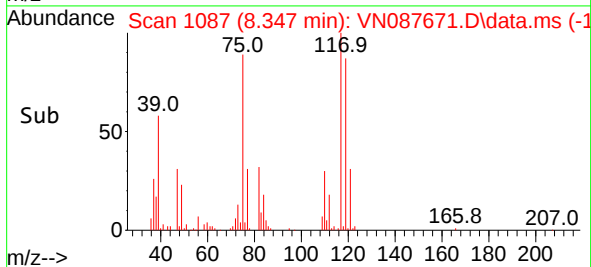
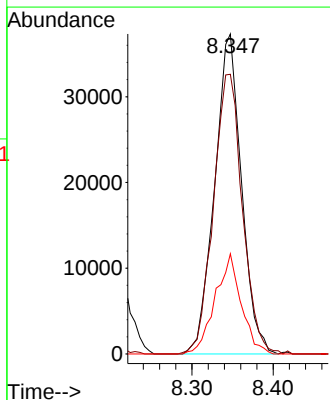
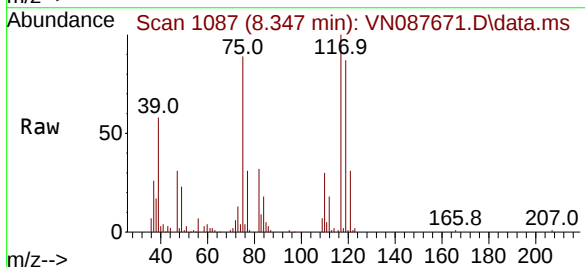
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

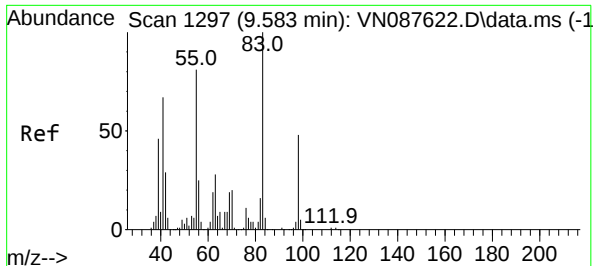
Tgt Ion: 43 Resp: 112790
Ion Ratio Lower Upper
43 100
61 10.7 9.3 13.9
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.872 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 117 Resp: 85891
Ion Ratio Lower Upper
117 100
119 87.4 79.0 118.6
121 31.3 25.0 37.6





#39

Methylcyclohexane

Concen: 18.334 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

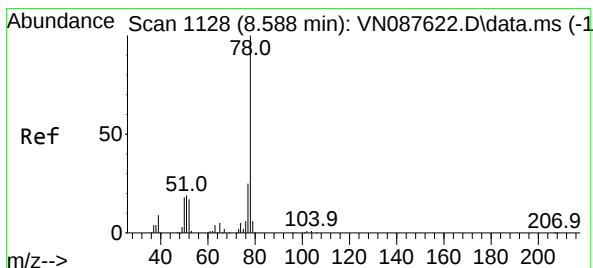
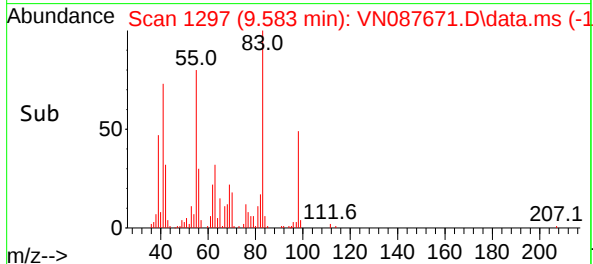
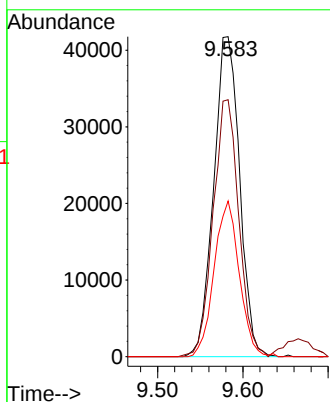
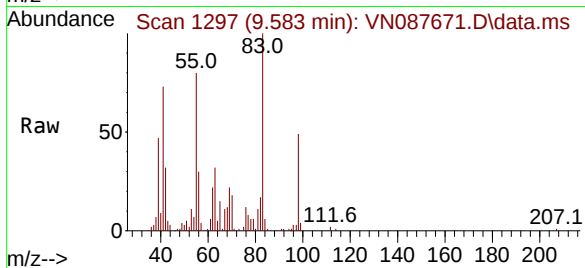
Tgt Ion: 83 Resp: 88363

Ion Ratio Lower Upper

83 100

55 80.3 64.6 96.8

98 48.6 38.4 57.6



#40

Benzene

Concen: 20.004 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087671.D

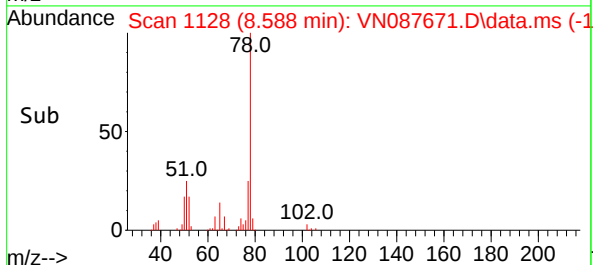
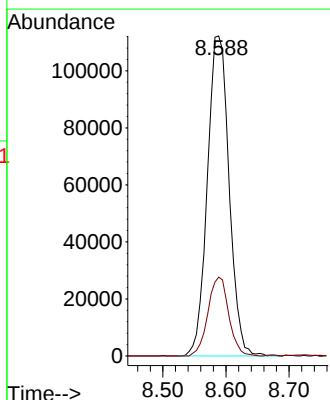
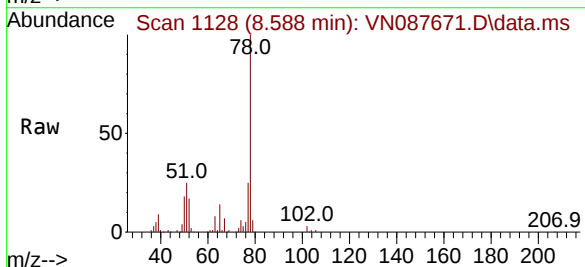
Acq: 26 Aug 2025 15:29

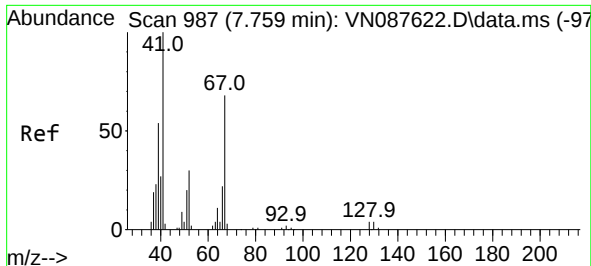
Tgt Ion: 78 Resp: 268597

Ion Ratio Lower Upper

78 100

77 24.6 19.7 29.5

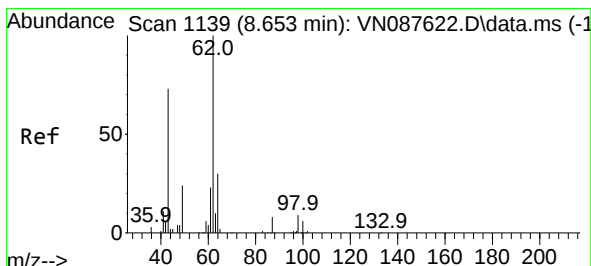
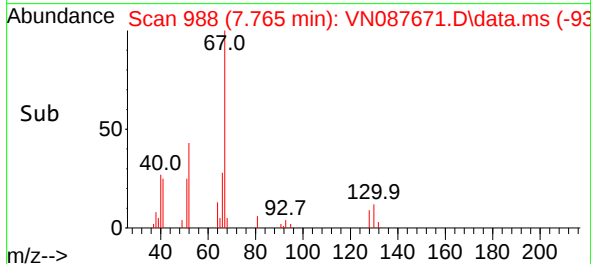
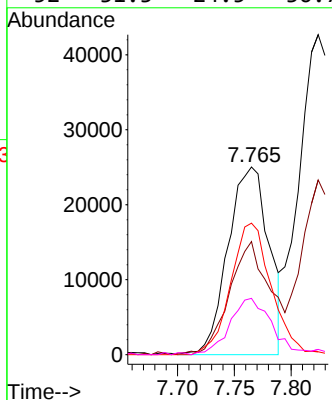
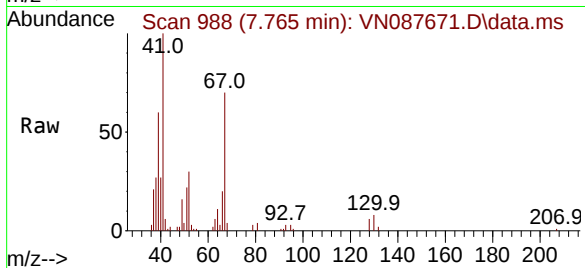




#41
Methacrylonitrile
Concen: 20.241 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

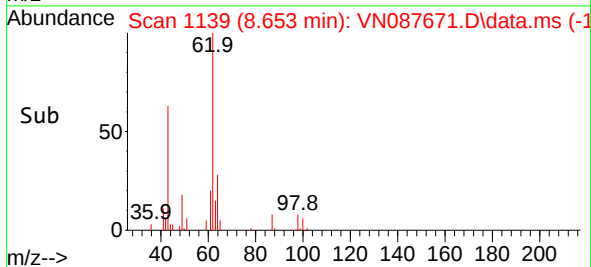
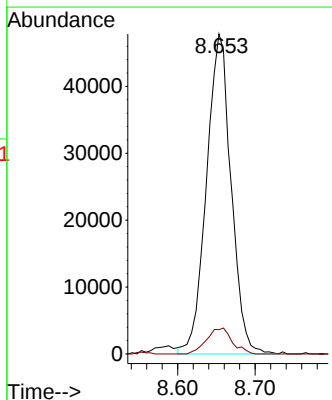
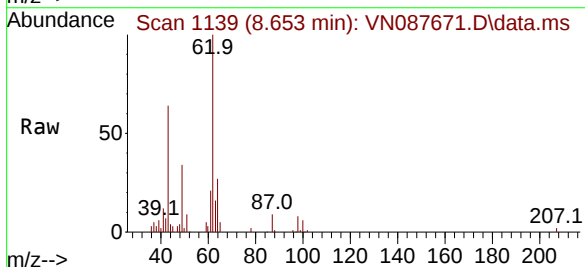
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

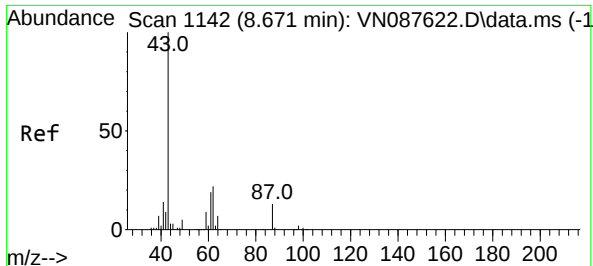
Tgt Ion:	41	Resp:	62721
Ion	Ratio	Lower	Upper
41	100		
39	60.4	45.4	68.0
67	69.3	55.3	82.9
52	31.3	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.450 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:	62	Resp:	105520
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4

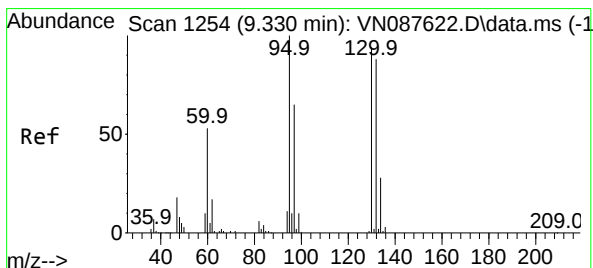
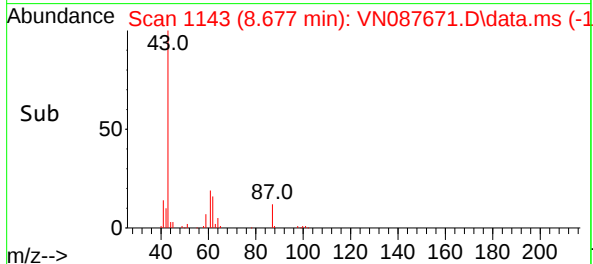
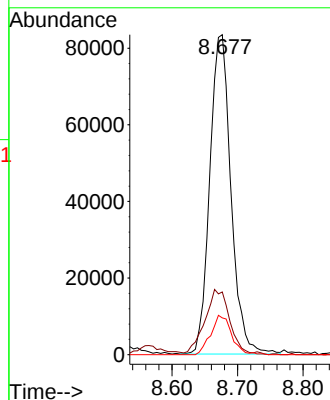
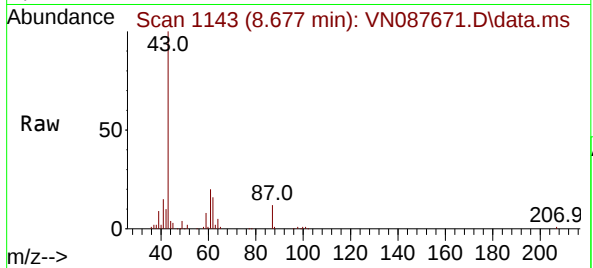




#43
Isopropyl Acetate
Concen: 20.065 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

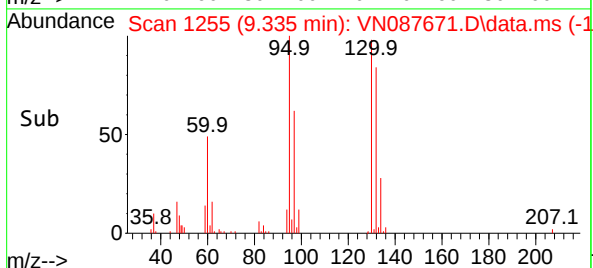
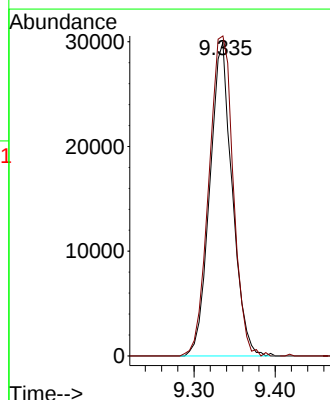
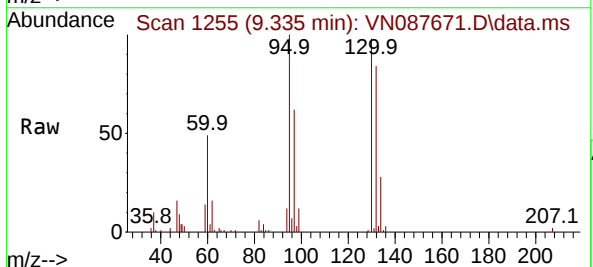
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

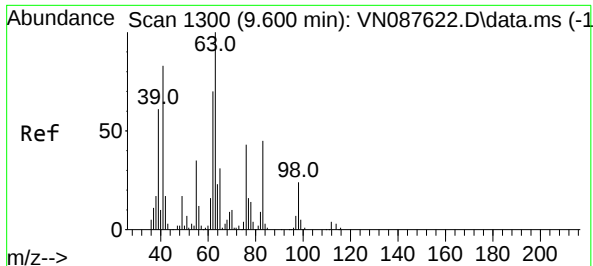
Tgt Ion: 43 Resp: 187397
Ion Ratio Lower Upper
43 100
61 22.7 18.8 28.2
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 18.752 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:130 Resp: 57485
Ion Ratio Lower Upper
130 100
95 102.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 19.971 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

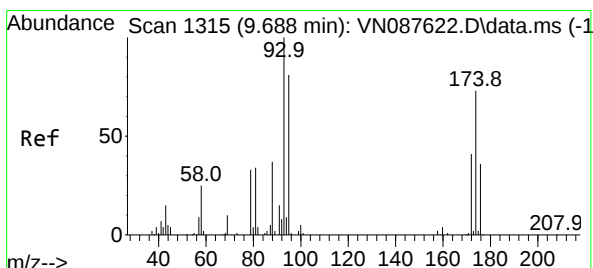
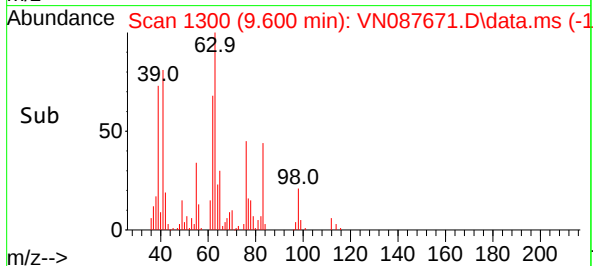
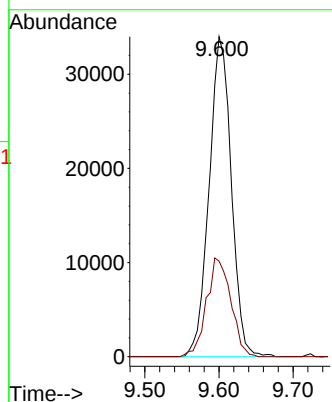
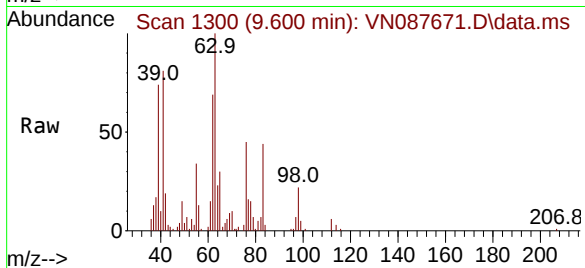
VN0826WBS01

Tgt Ion: 63 Resp: 70684

Ion Ratio Lower Upper

63 100

65 29.8 25.0 37.4



#46

Dibromomethane

Concen: 20.205 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

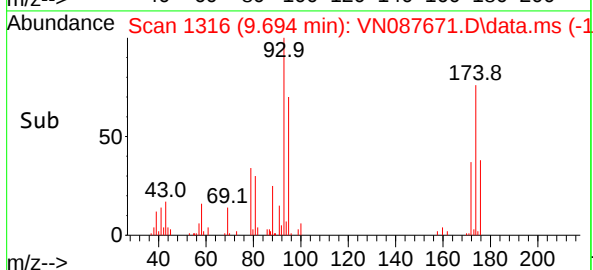
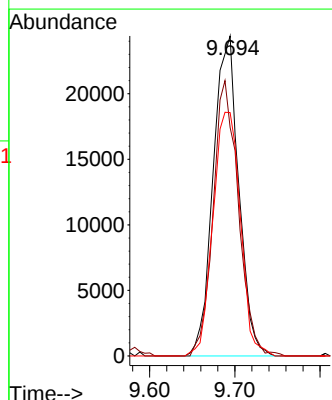
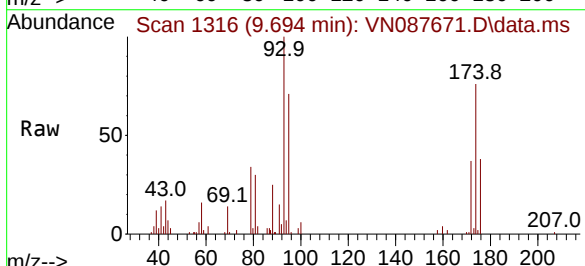
Tgt Ion: 93 Resp: 50887

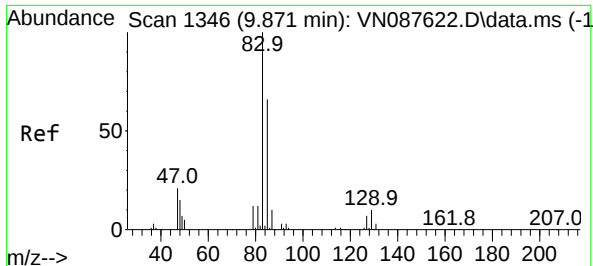
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.4

174 81.7 63.4 95.2





#47

Bromodichloromethane

Concen: 20.288 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

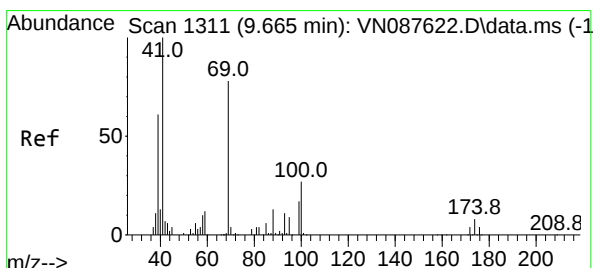
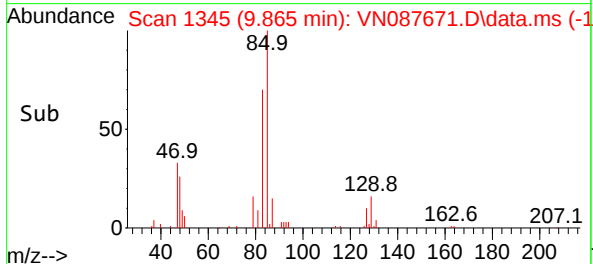
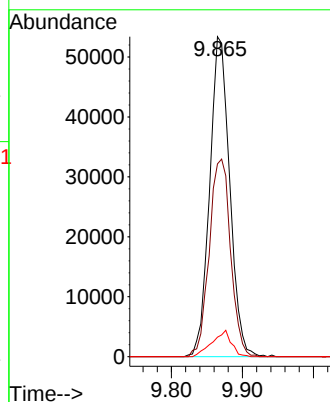
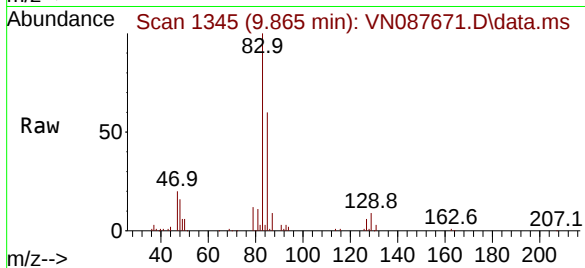
Tgt Ion: 83 Resp: 104723

Ion Ratio Lower Upper

83 100

85 60.3 52.5 78.7

127 6.1 5.8 8.6



#48

Methyl methacrylate

Concen: 19.840 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

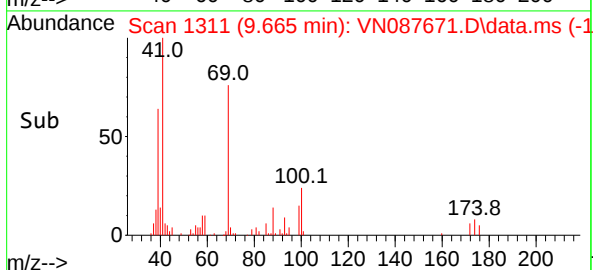
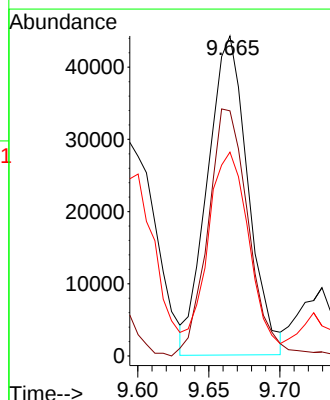
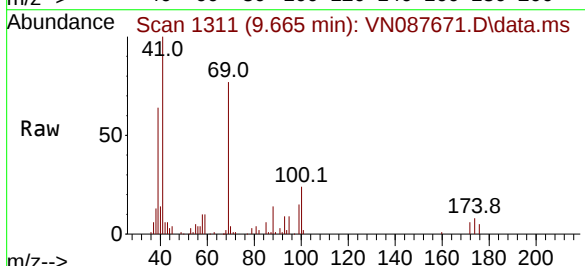
Tgt Ion: 41 Resp: 87645

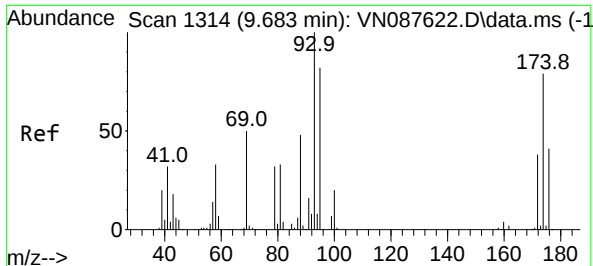
Ion Ratio Lower Upper

41 100

69 78.1 62.7 94.1

39 65.4 52.9 79.3





#49

1,4-Dioxane

Concen: 382.402 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

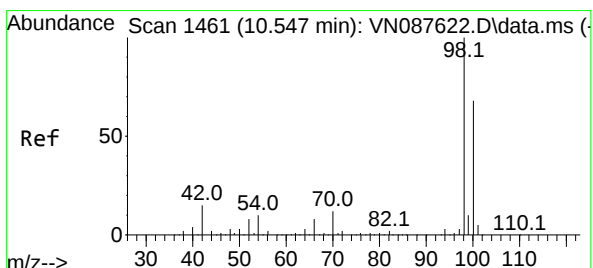
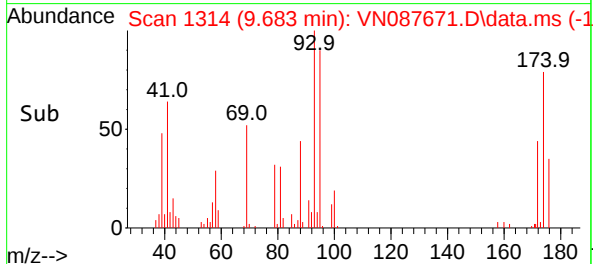
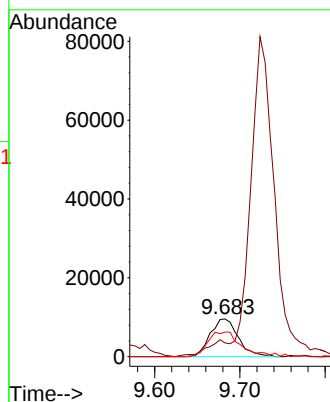
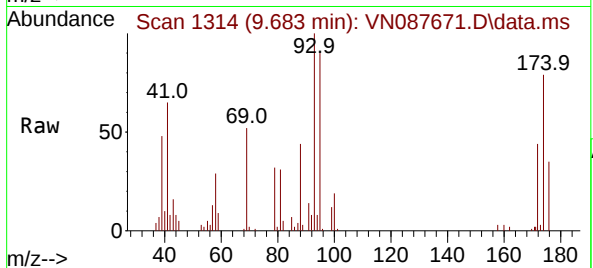
Tgt Ion: 88 Resp: 21896

Ion Ratio Lower Upper

88 100

43 35.9 0.0 0.0#

58 79.4 57.9 86.9



#50

Toluene-d8

Concen: 46.253 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087671.D

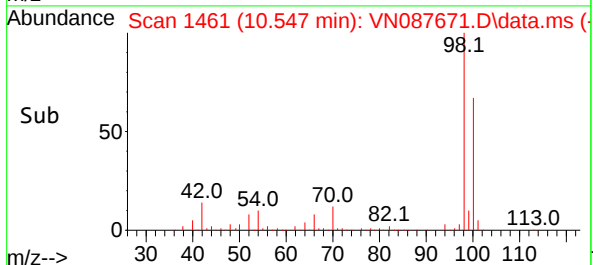
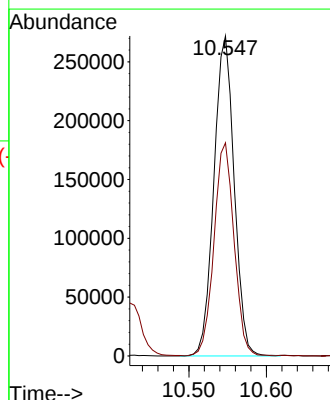
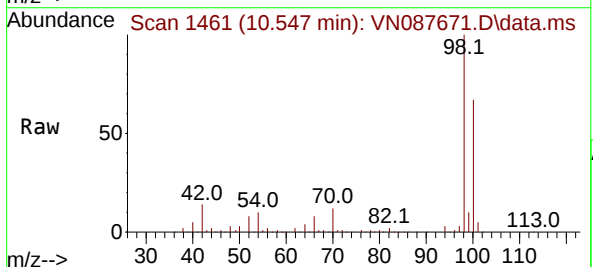
Acq: 26 Aug 2025 15:29

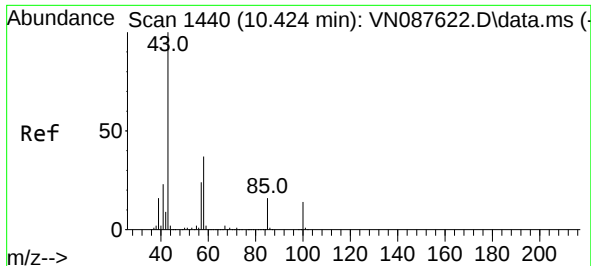
Tgt Ion: 98 Resp: 494001

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2

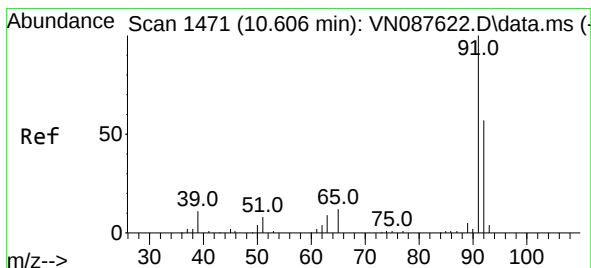
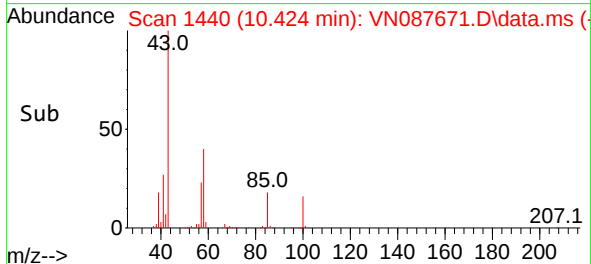
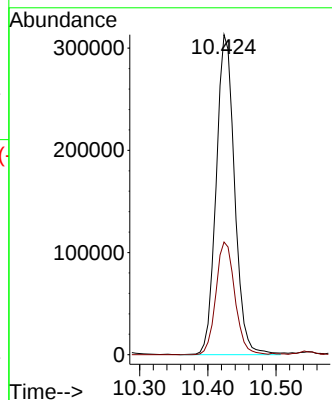
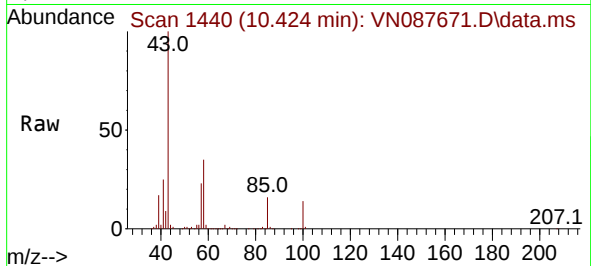




#51
4-Methyl-2-Pentanone
Concen: 104.609 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

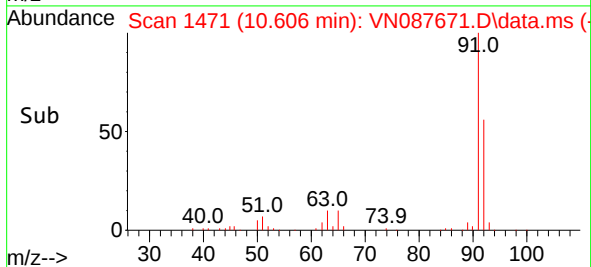
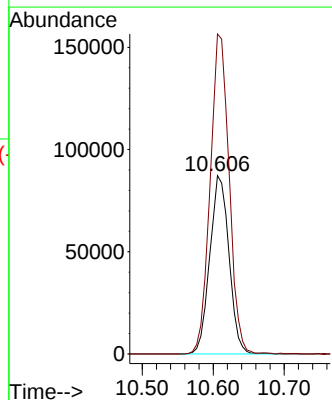
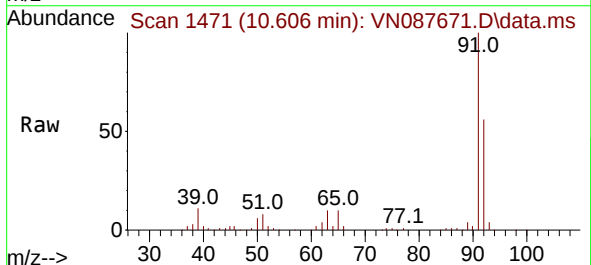
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

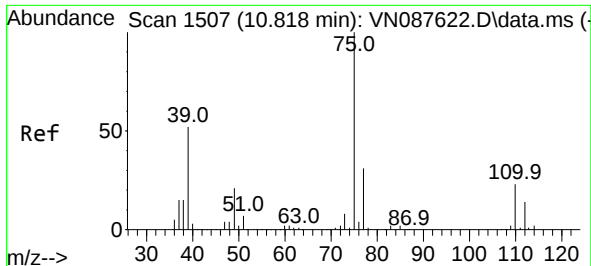
Tgt Ion: 43 Resp: 589467
Ion Ratio Lower Upper
43 100
58 36.2 29.6 44.4



#52
Toluene
Concen: 19.653 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 92 Resp: 163594
Ion Ratio Lower Upper
92 100
91 177.2 140.4 210.6

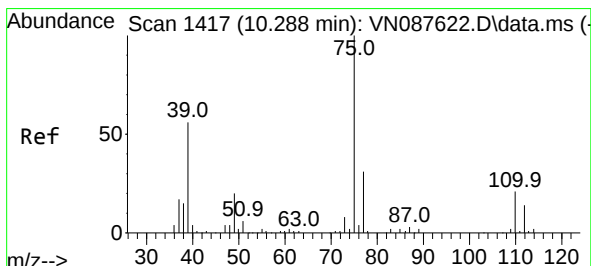
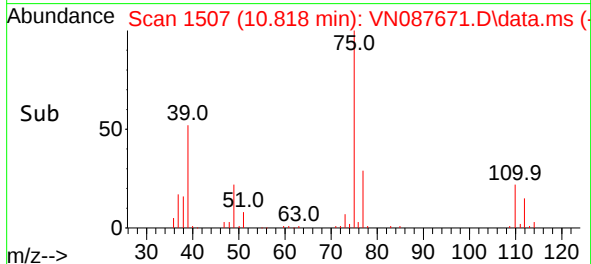
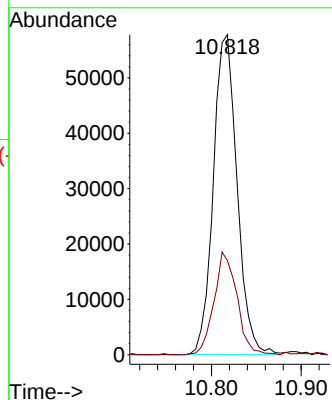
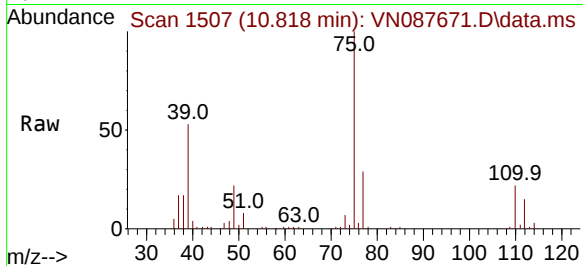




#53
 t-1,3-Dichloropropene
 Concen: 19.909 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

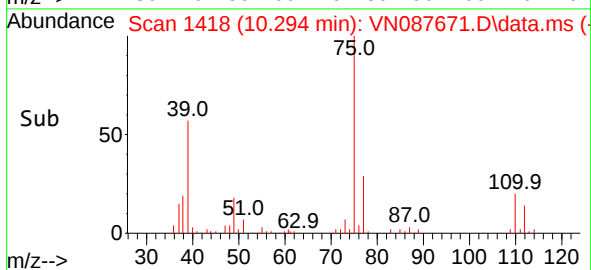
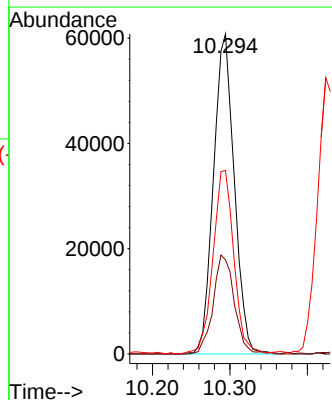
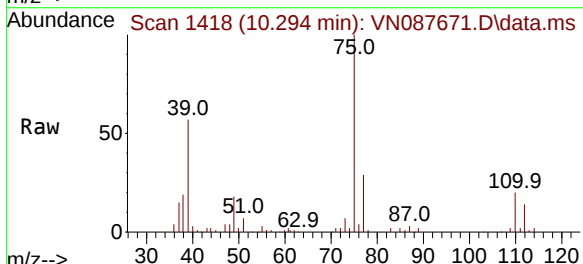
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

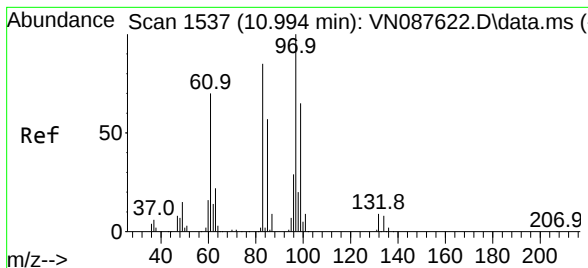
Tgt Ion: 75 Resp: 106373
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.434 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion: 75 Resp: 113361
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.6 37.0
 39 57.4 45.2 67.8

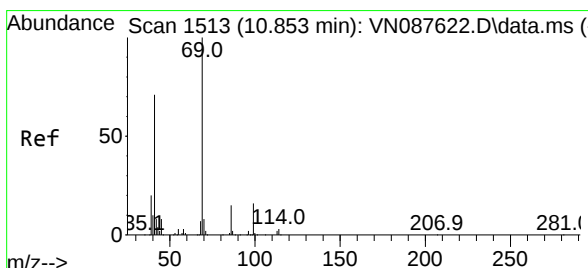
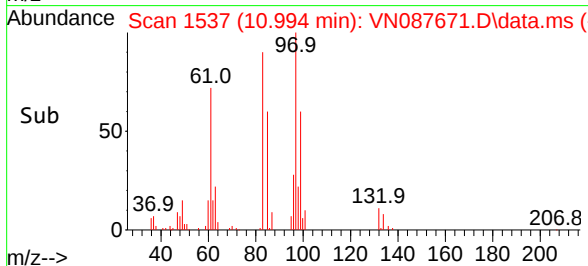
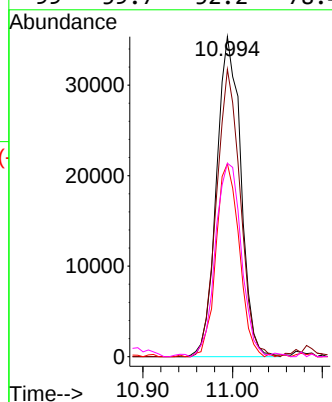
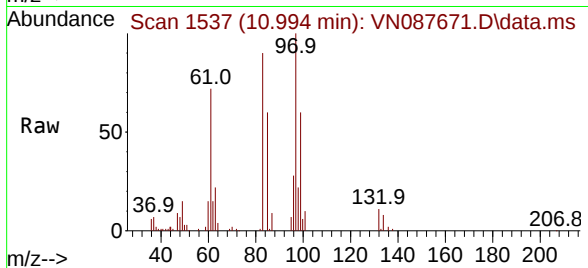




#55
1,1,2-Trichloroethane
Concen: 20.629 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

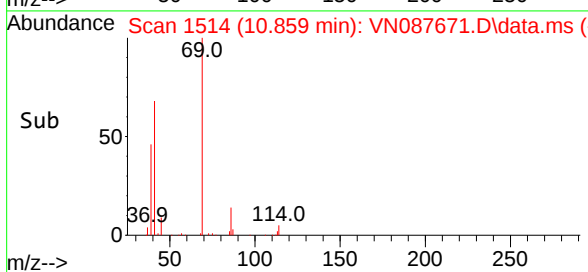
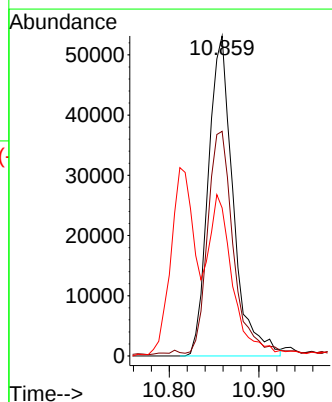
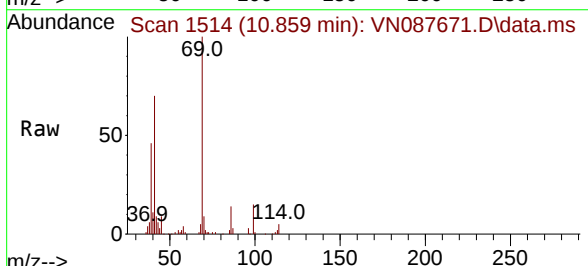
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

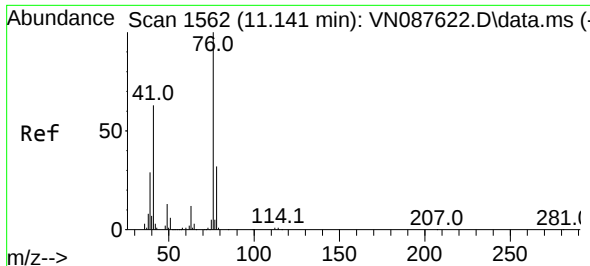
Tgt Ion:	97	Resp:	66428
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.2	102.4
85	59.8	45.5	68.3
99	59.7	52.2	78.4



#56
Ethyl methacrylate
Concen: 19.895 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:	69	Resp:	102385
Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.5	84.7
39	48.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 20.299 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

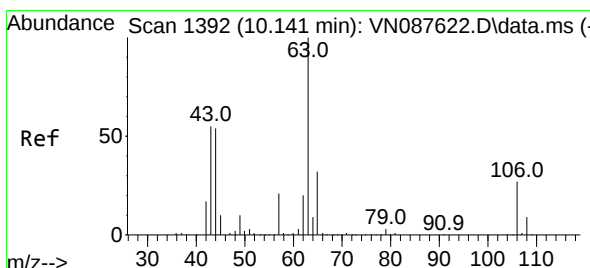
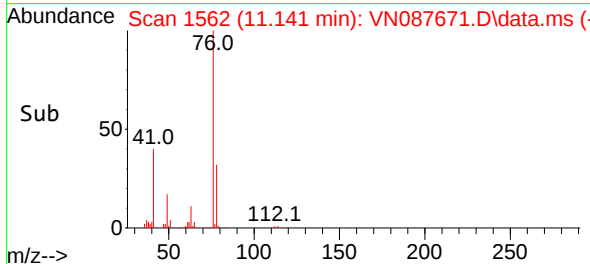
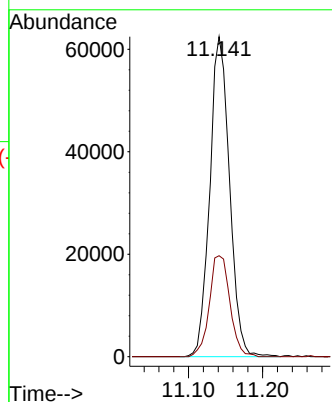
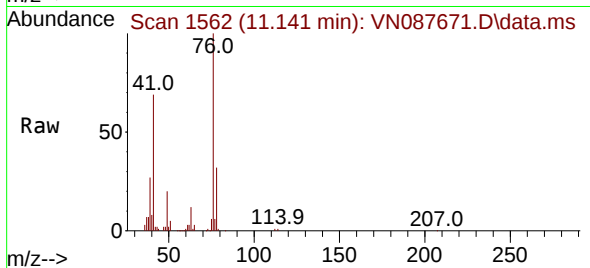
VN0826WBS01

Tgt Ion: 76 Resp: 115683

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.309 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087671.D

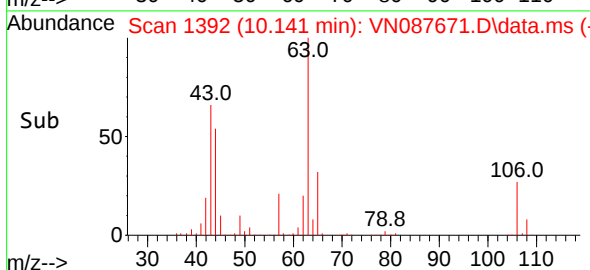
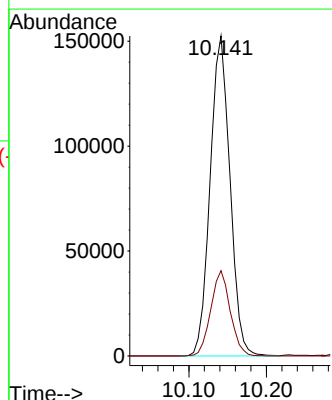
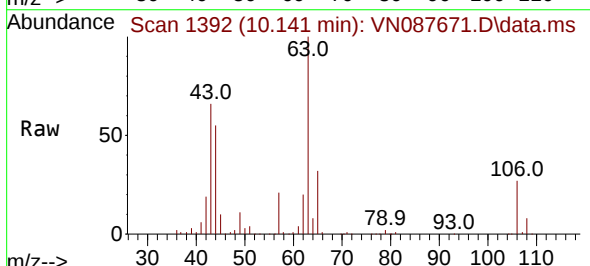
Acq: 26 Aug 2025 15:29

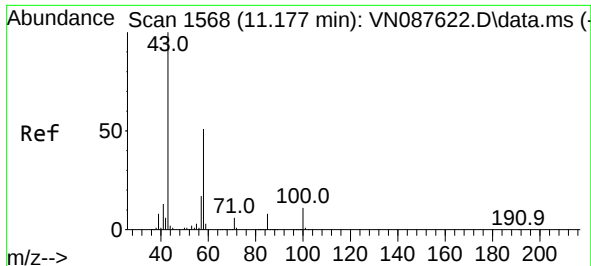
Tgt Ion: 63 Resp: 271042

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7

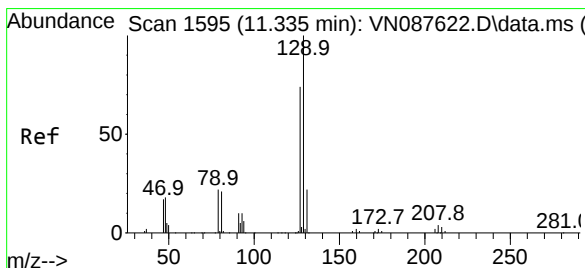
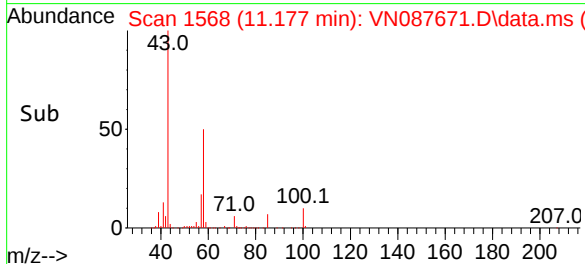
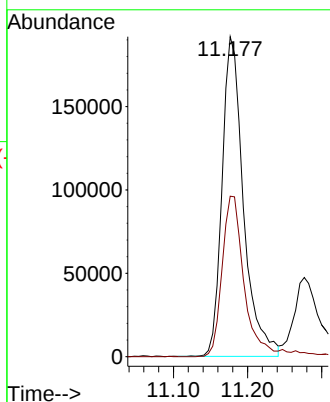
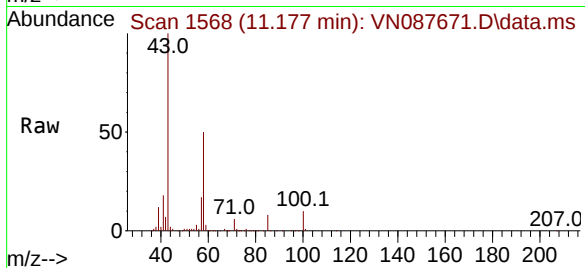




#59
2-Hexanone
Concen: 107.877 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

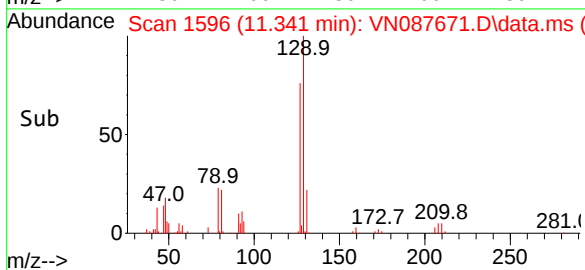
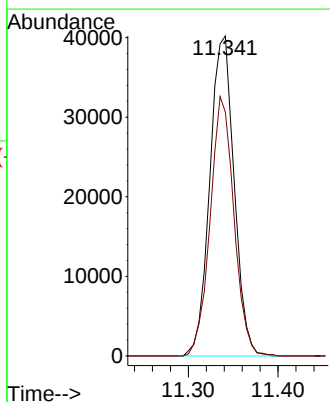
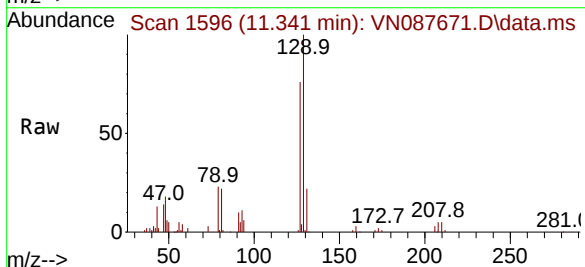
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

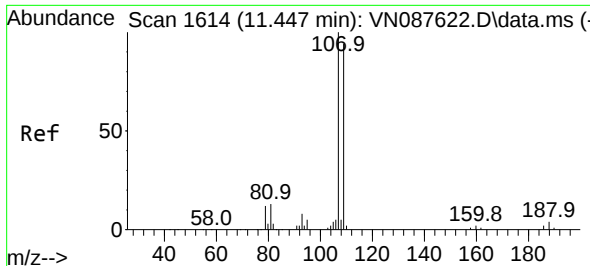
Tgt Ion: 43 Resp: 384182
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 20.276 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 129 Resp: 75653
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.3

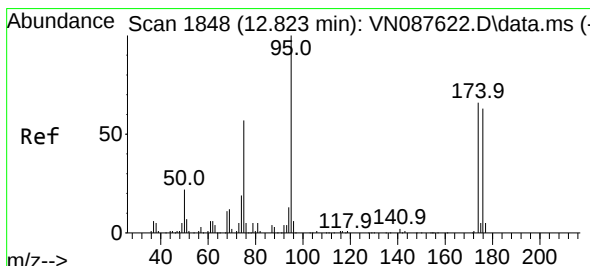
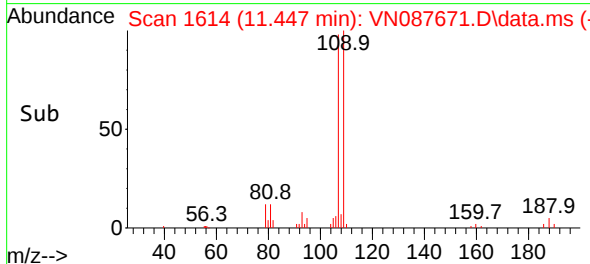
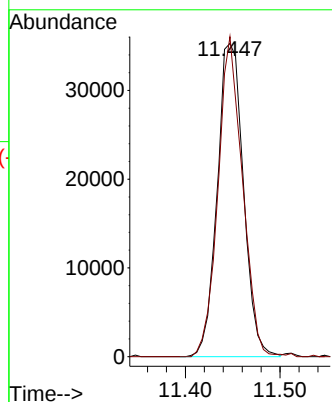
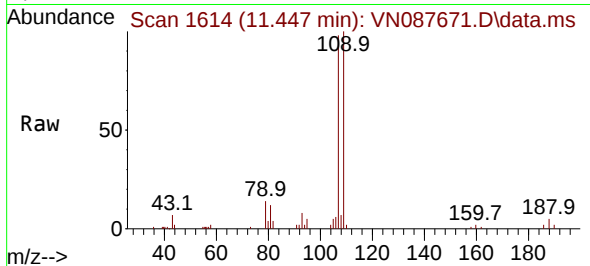




#61
1,2-Dibromoethane
Concen: 19.991 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

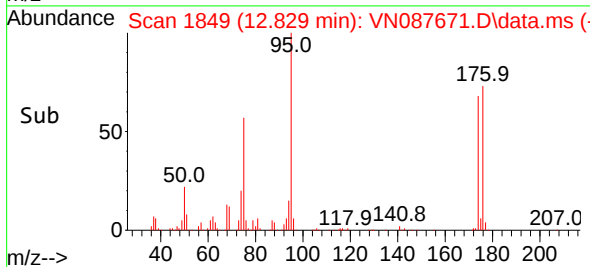
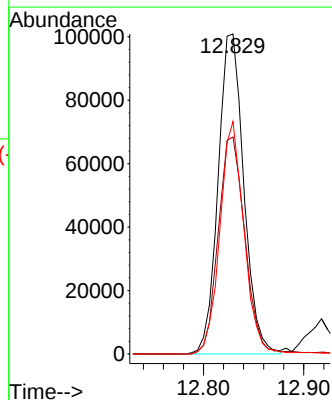
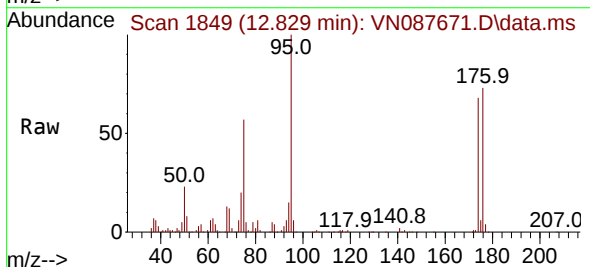
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

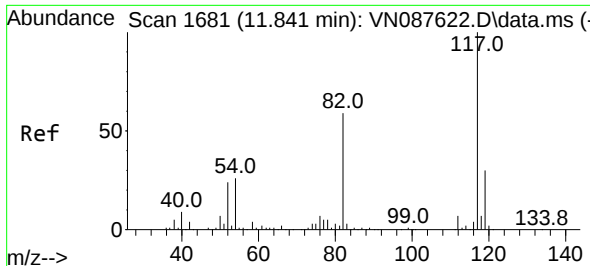
Tgt Ion:107 Resp: 67879
Ion Ratio Lower Upper
107 100
109 95.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.266 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 95 Resp: 179531
Ion Ratio Lower Upper
95 100
174 70.7 0.0 138.4
176 67.8 0.0 132.6

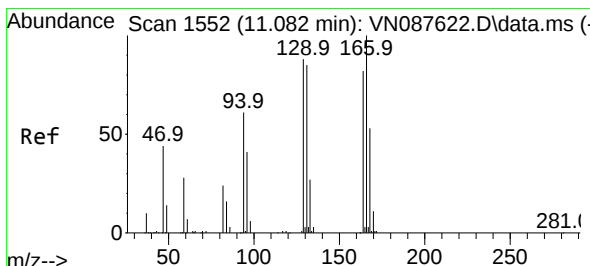
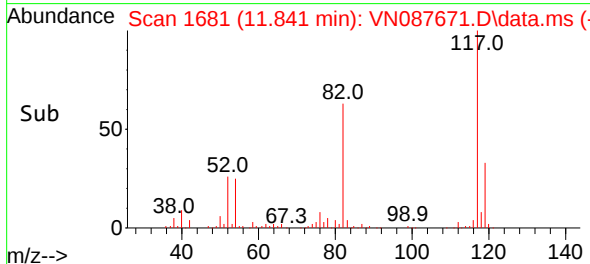
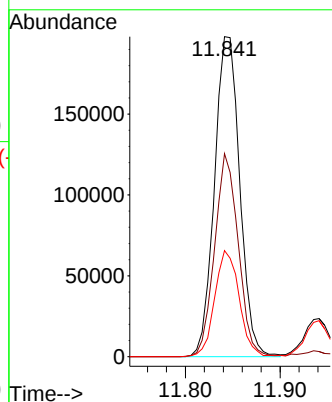
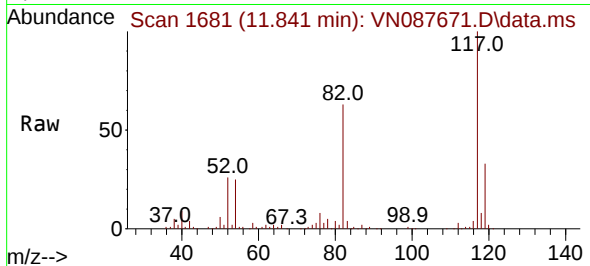




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

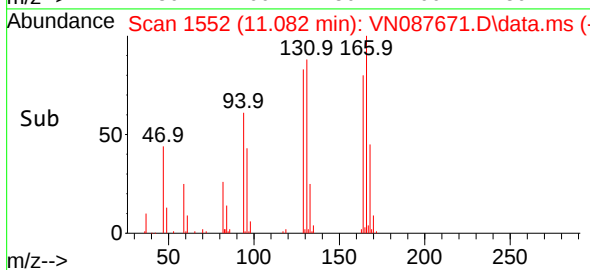
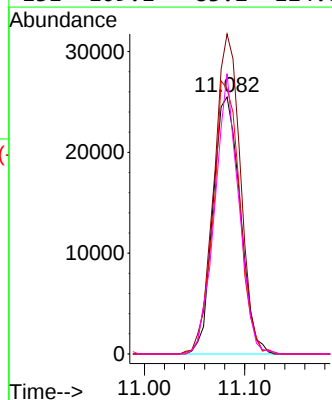
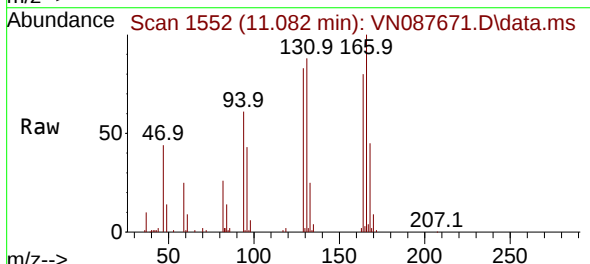
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

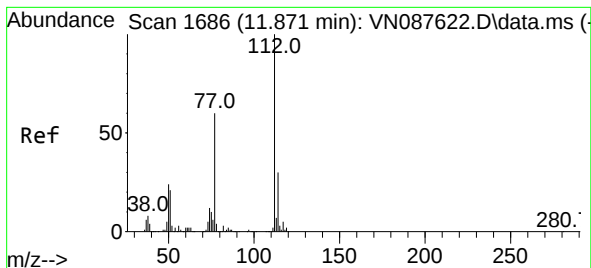
Tgt Ion:117 Resp: 367348
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 33.2 24.3 36.5



#64
Tetrachloroethene
Concen: 18.858 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:164 Resp: 48062
Ion Ratio Lower Upper
164 100
166 124.5 97.7 146.5
129 103.2 85.9 128.9
131 109.1 83.2 124.8





#65

Chlorobenzene

Concen: 19.512 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

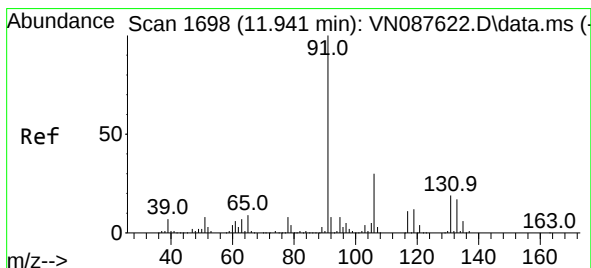
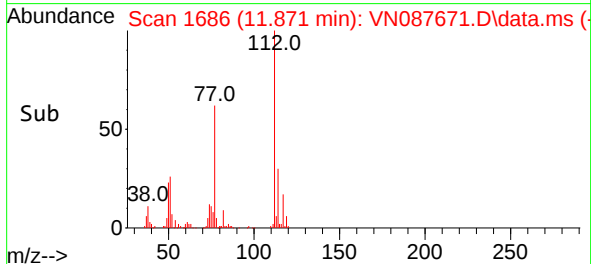
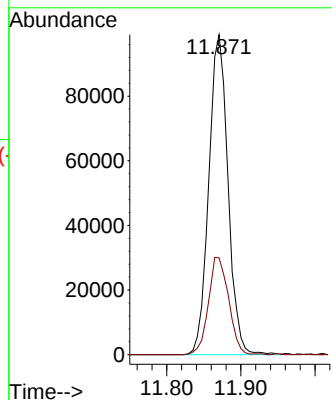
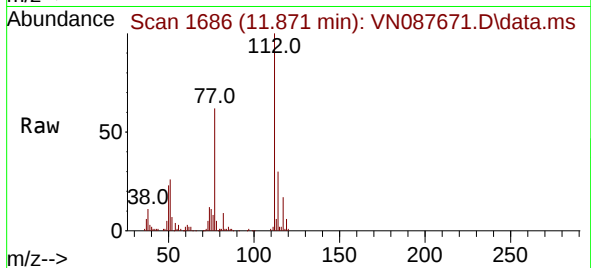
VN0826WBS01

Tgt Ion:112 Resp: 178321

Ion Ratio Lower Upper

112 100

114 30.2 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.309 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

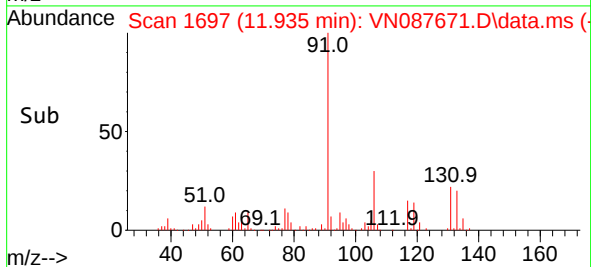
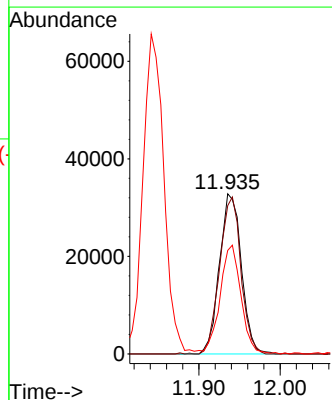
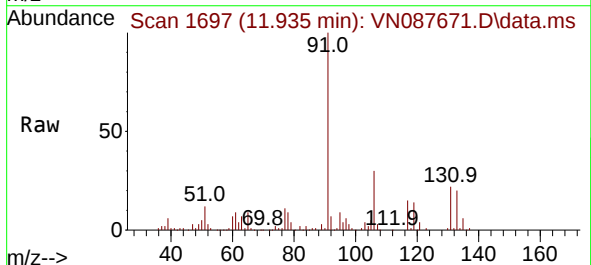
Tgt Ion:131 Resp: 61618

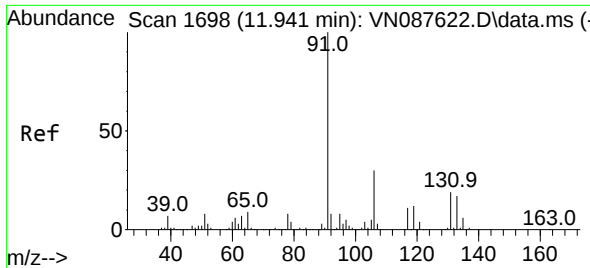
Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.0

119 65.5 32.6 97.7

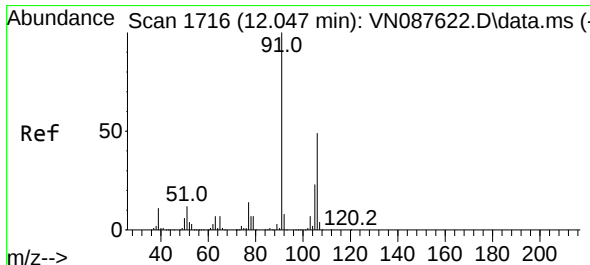
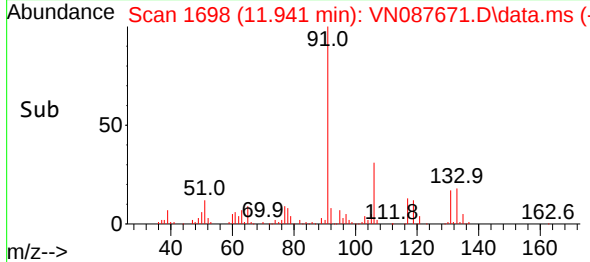
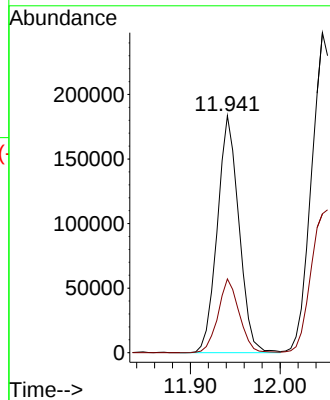
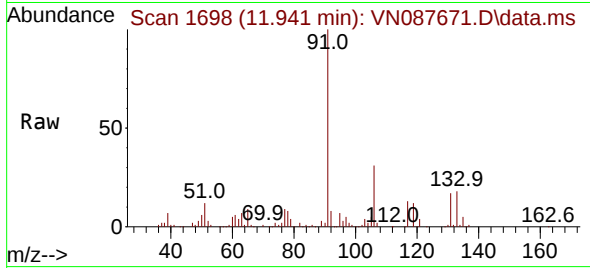




#67
Ethyl Benzene
Concen: 19.391 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

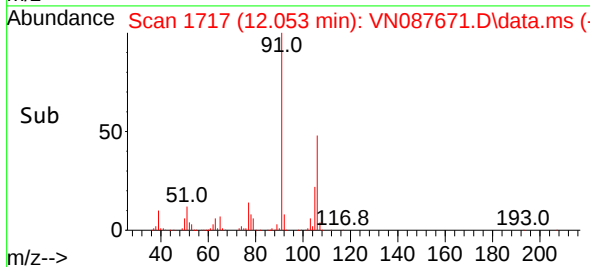
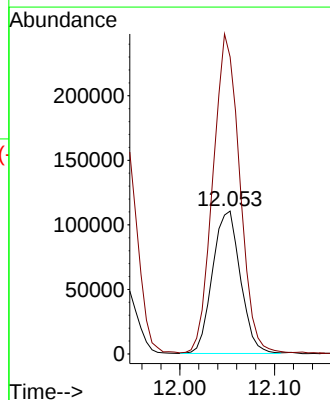
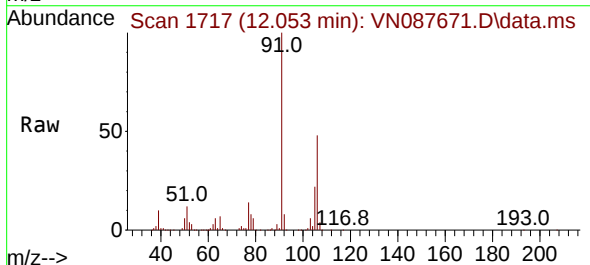
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

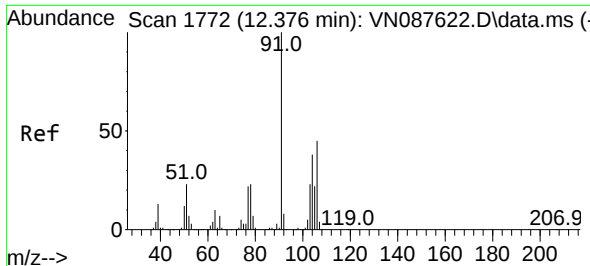
Tgt Ion: 91 Resp: 306841
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



#68
m/p-Xylenes
Concen: 38.890 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:106 Resp: 225688
Ion Ratio Lower Upper
106 100
91 214.4 169.3 253.9

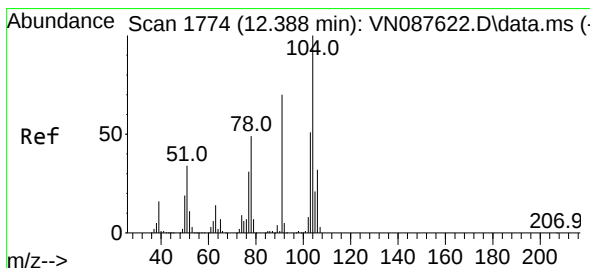
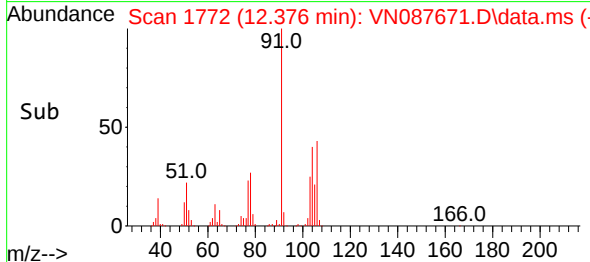
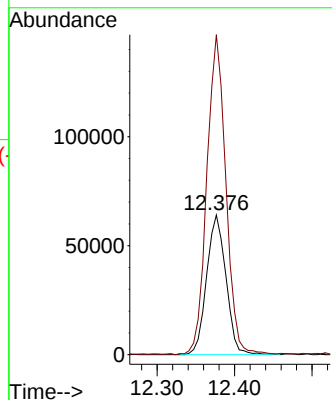
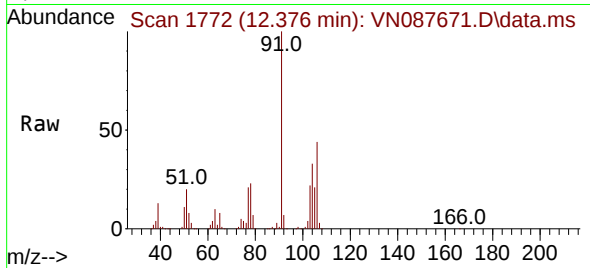




#69
o-Xylene
Concen: 19.554 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

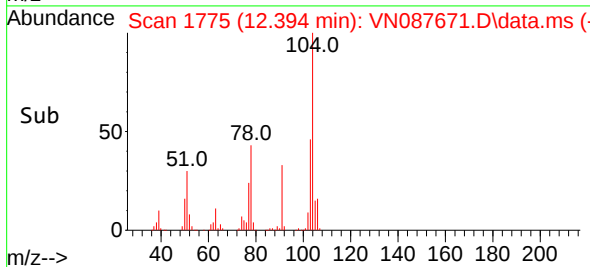
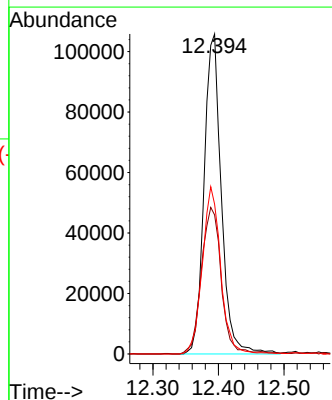
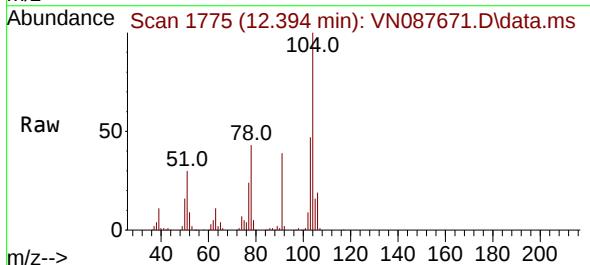
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

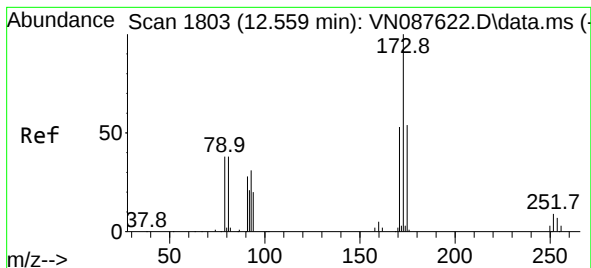
Tgt Ion:106 Resp: 111207
Ion Ratio Lower Upper
106 100
91 225.3 111.4 334.2



#70
Styrene
Concen: 20.285 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion:104 Resp: 193273
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.2
103 55.8 43.4 65.2





#71

Bromoform

Concen: 20.432 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

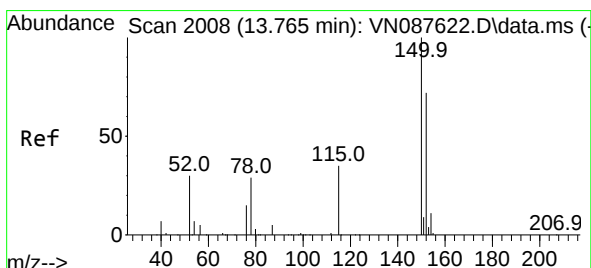
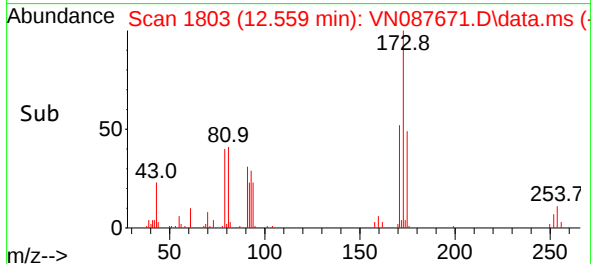
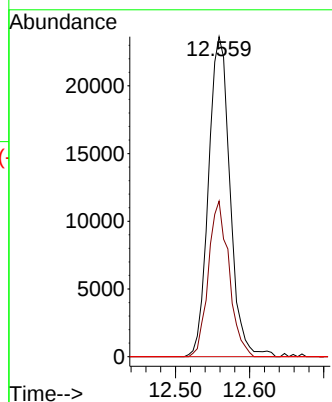
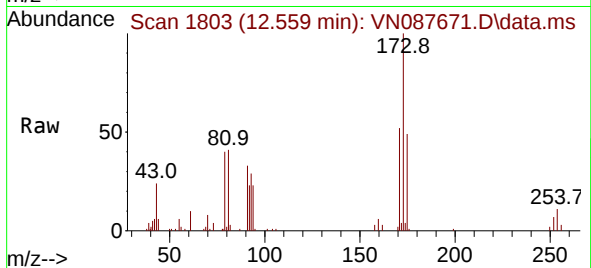
Tgt Ion:173 Resp: 47543

Ion Ratio Lower Upper

173 100

175 46.8 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

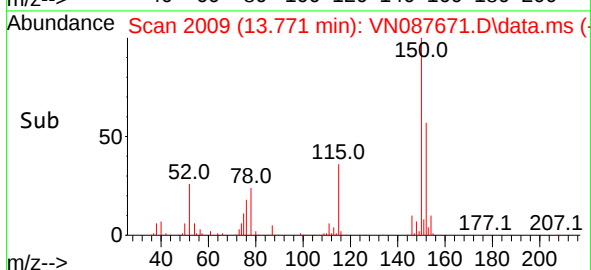
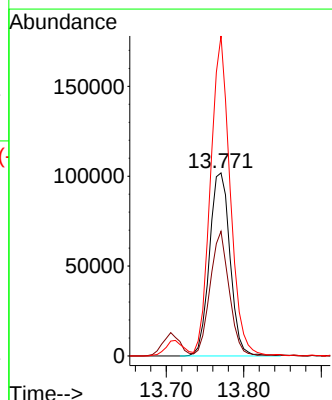
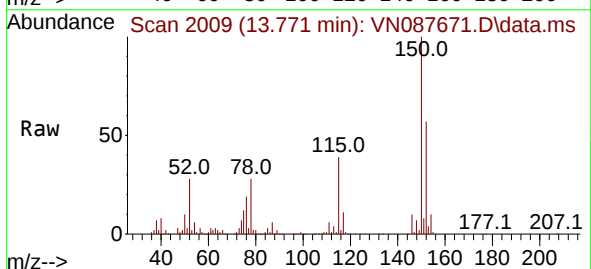
Tgt Ion:152 Resp: 187839

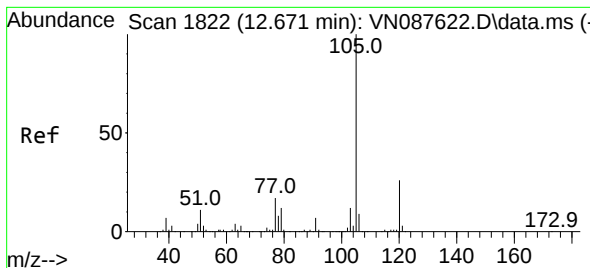
Ion Ratio Lower Upper

152 100

115 62.7 32.3 96.8

150 166.4 0.0 351.0





#73

Isopropylbenzene

Concen: 18.655 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

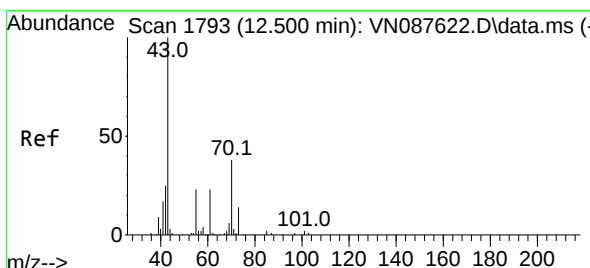
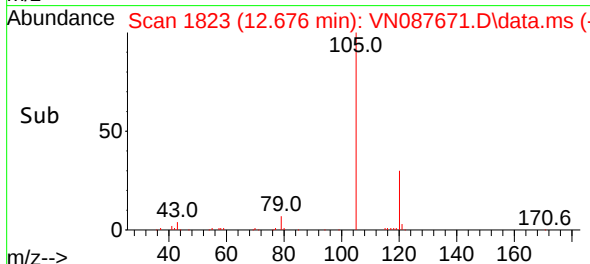
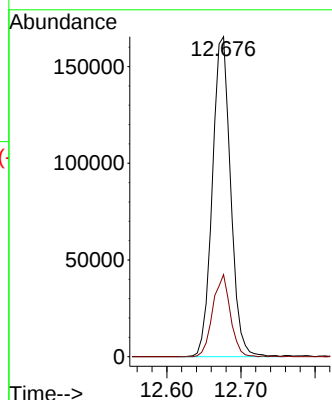
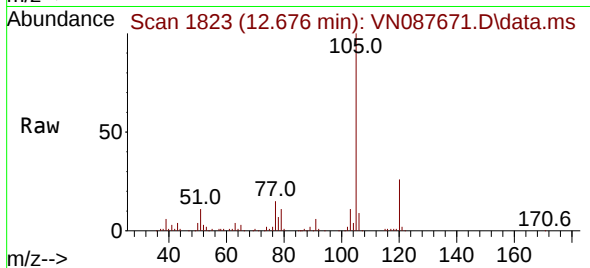
VN0826WBS01

Tgt Ion:105 Resp: 283161

Ion Ratio Lower Upper

105 100

120 24.6 12.8 38.3



#74

N-ethyl acetate

Concen: 4.224 ug/l

RT: 12.529 min Scan# 1798

Delta R.T. 0.029 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Tgt Ion: 43 Resp: 24297

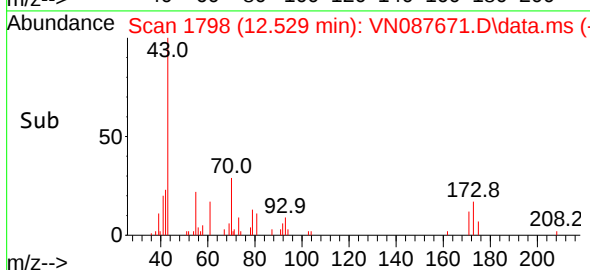
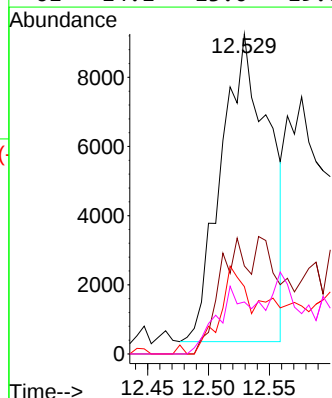
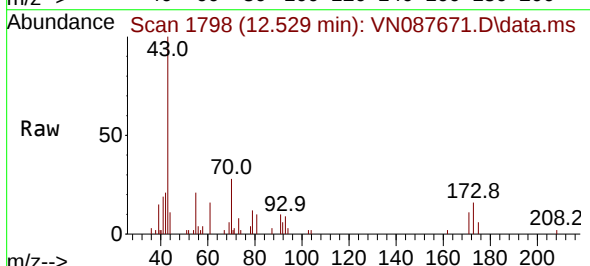
Ion Ratio Lower Upper

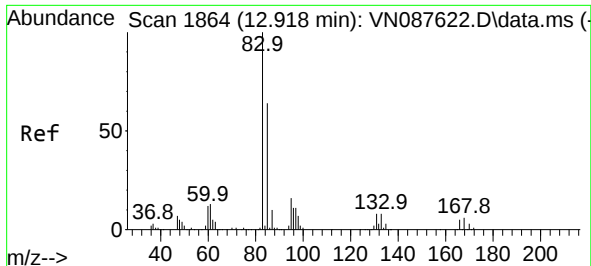
43 100

70 23.4 27.6 41.4#

55 16.0 13.0 19.6

61 14.1 13.0 19.6

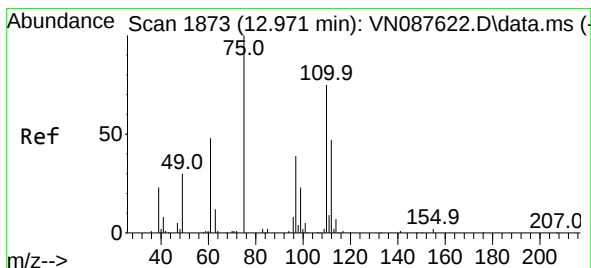
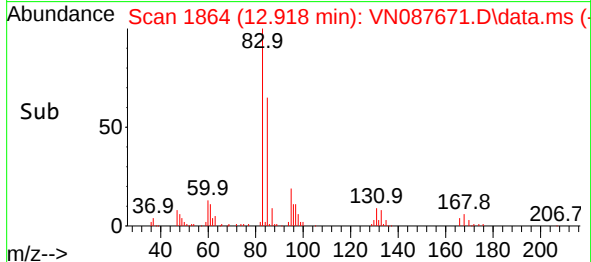
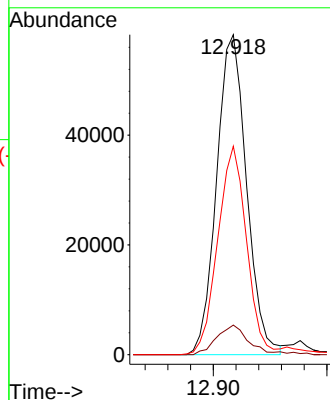
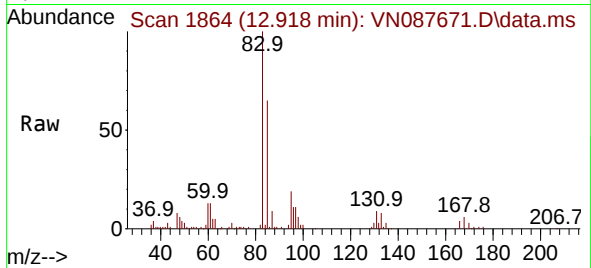




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.421 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

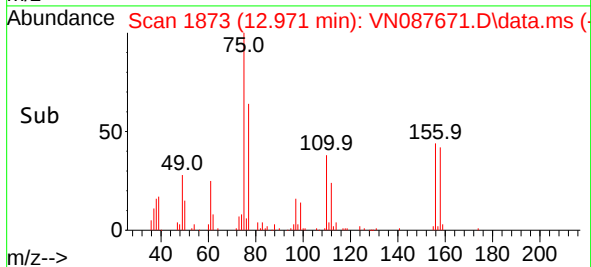
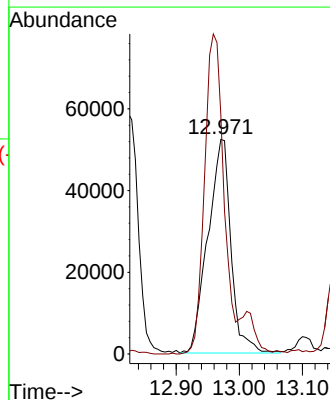
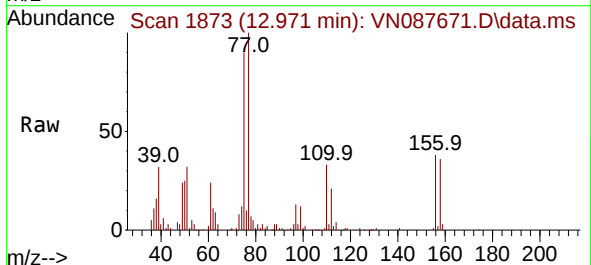
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

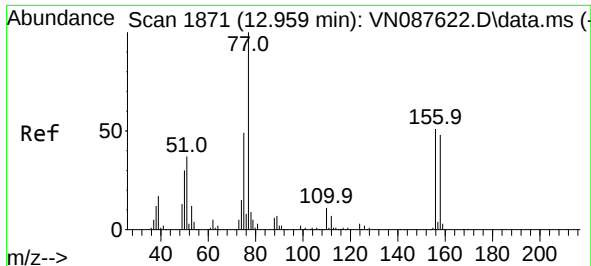
Tgt Ion: 83 Resp: 106716
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.8 14.4
 85 62.7 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 30.163 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion: 75 Resp: 132867
 Ion Ratio Lower Upper
 75 100
 77 126.1 89.1 267.4

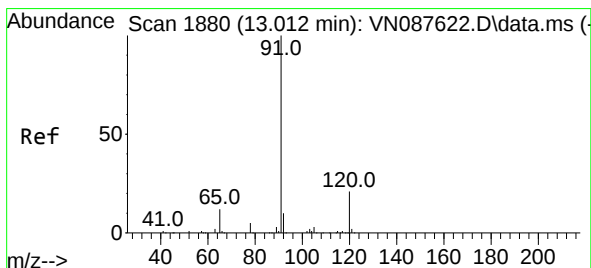
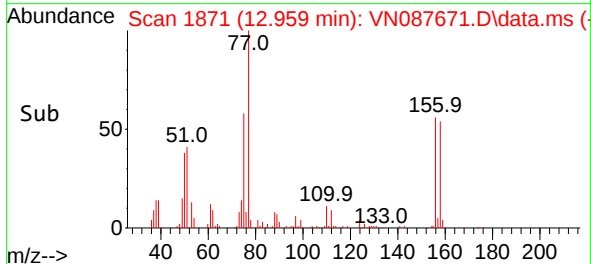
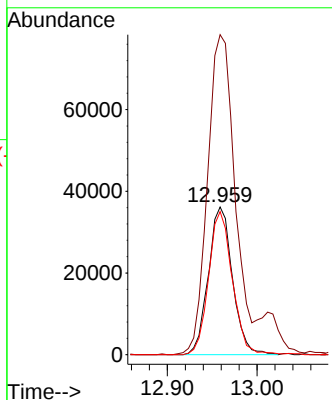
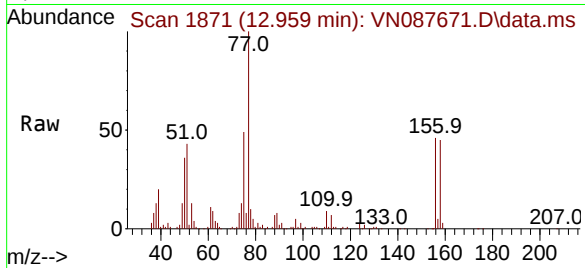




#77
Bromobenzene
Concen: 18.892 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

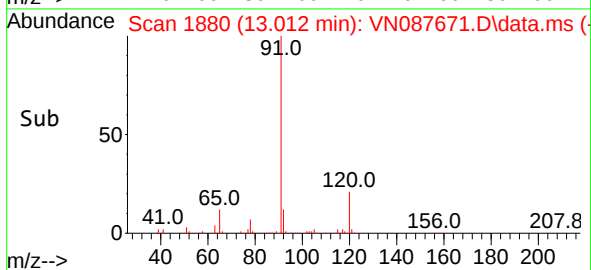
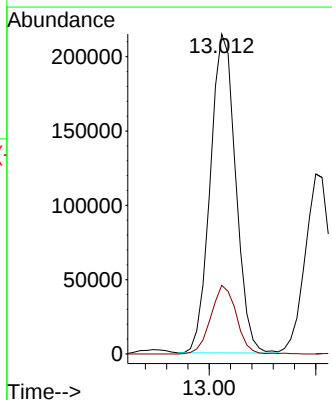
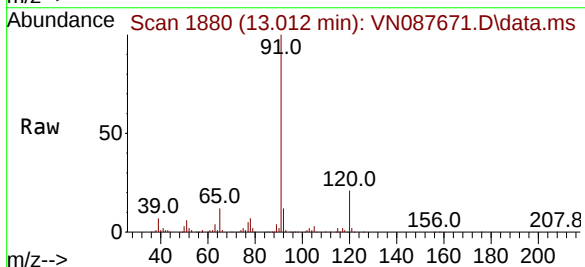
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

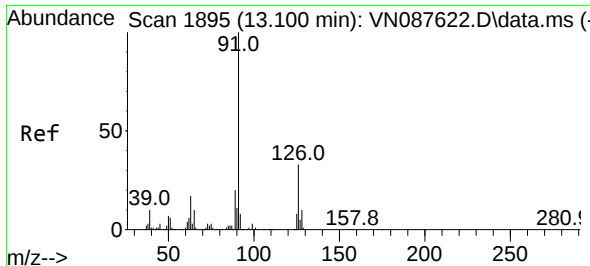
Tgt Ion:156 Resp: 67613
Ion Ratio Lower Upper
156 100
77 247.7 119.3 358.0
158 95.1 48.2 144.6



#78
n-propylbenzene
Concen: 18.993 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 91 Resp: 355090
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1

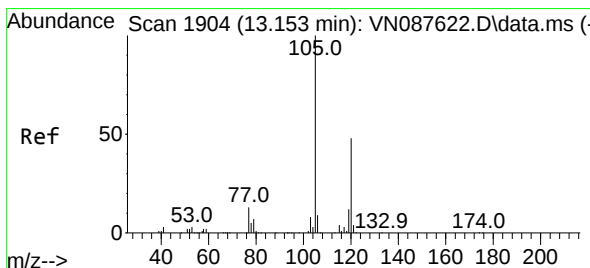
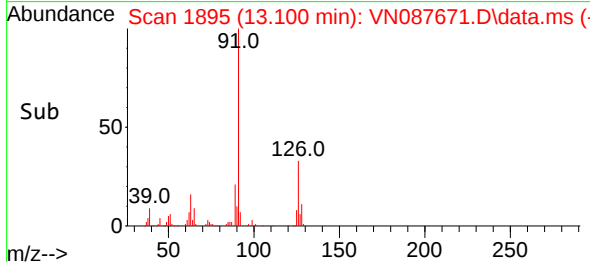
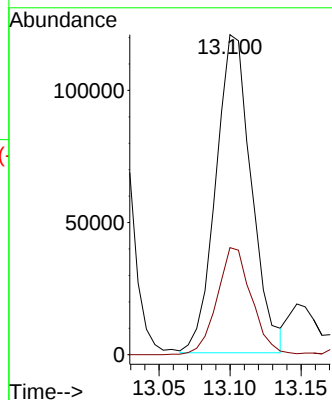
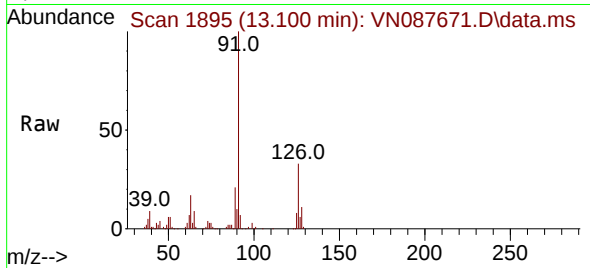




#79
2-Chlorotoluene
Concen: 18.674 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

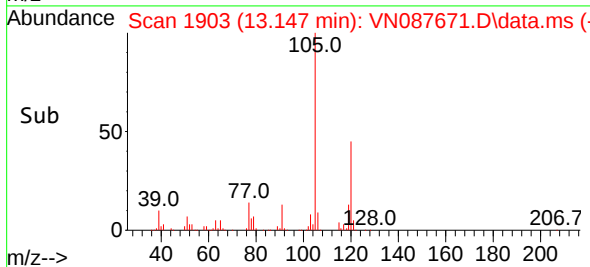
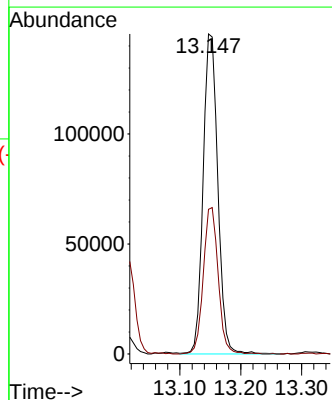
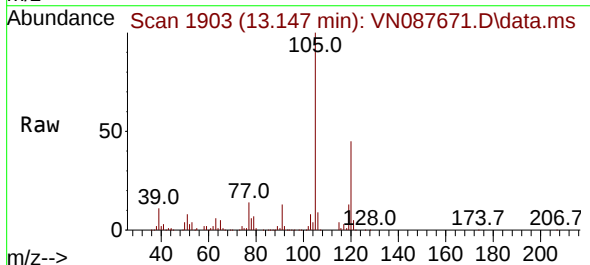
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

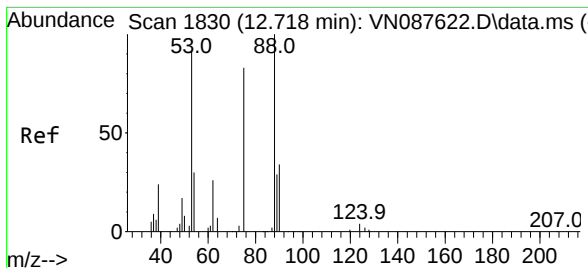
Tgt Ion: 91 Resp: 210108
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 18.990 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 105 Resp: 244526
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6

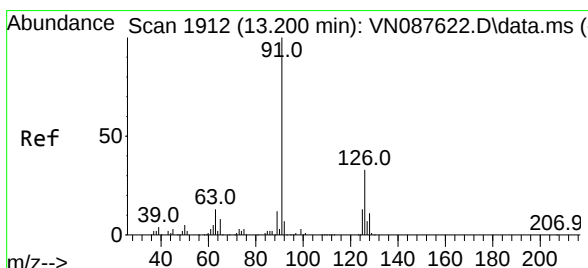
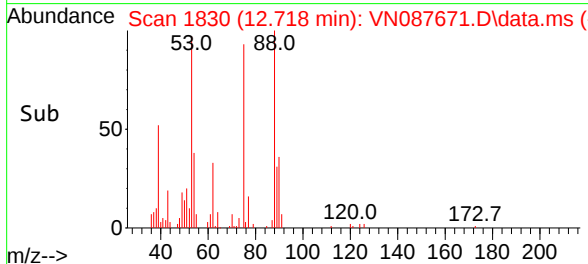
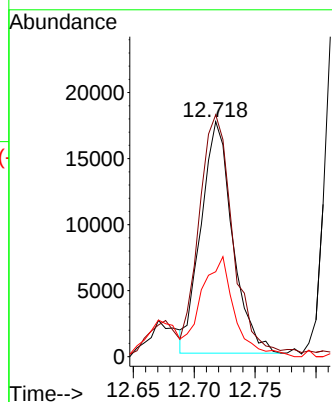
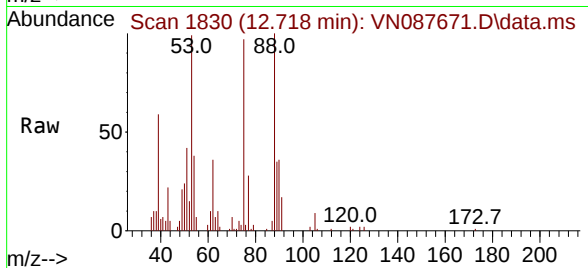




#81
trans-1,4-Dichloro-2-butene
Concen: 18.969 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

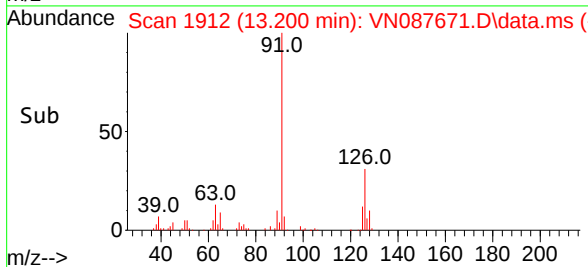
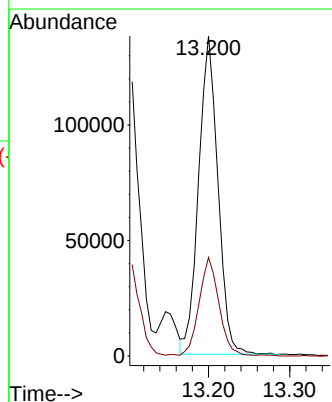
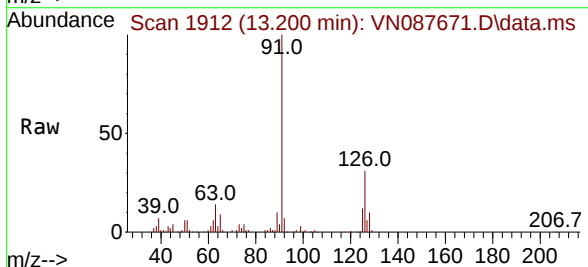
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

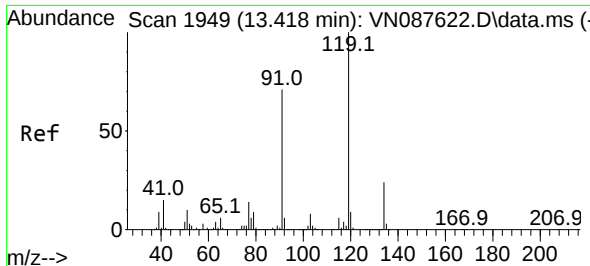
Tgt Ion: 75 Resp: 31562
Ion Ratio Lower Upper
75 100
53 109.4 101.8 152.6
89 45.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 19.235 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion: 91 Resp: 227537
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8

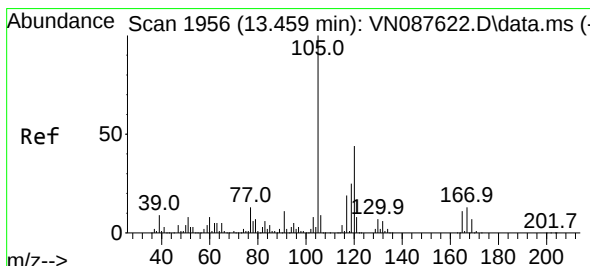
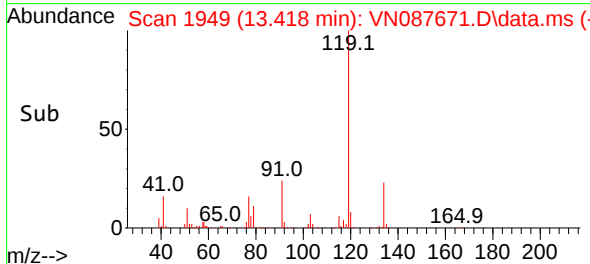
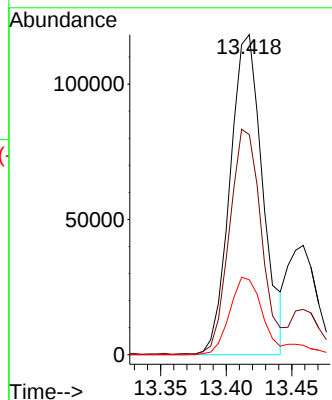
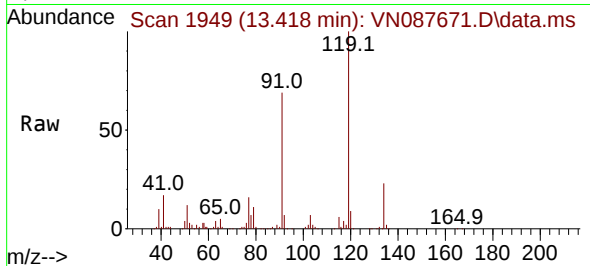




#83
 tert-Butylbenzene
 Concen: 19.132 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

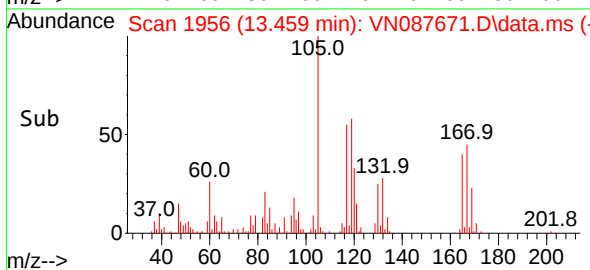
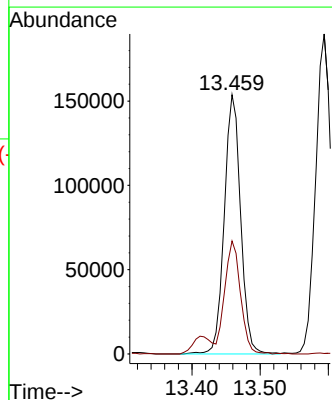
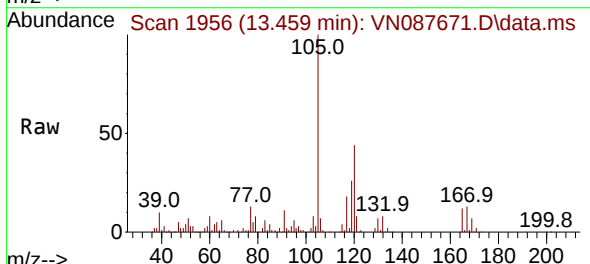
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

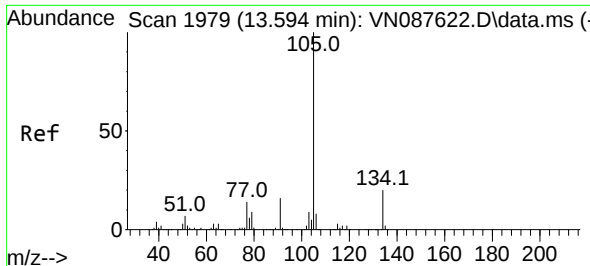
Tgt Ion:119 Resp: 205289
 Ion Ratio Lower Upper
 119 100
 91 68.5 35.0 105.0
 134 26.6 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.908 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion:105 Resp: 256617
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.0 66.0

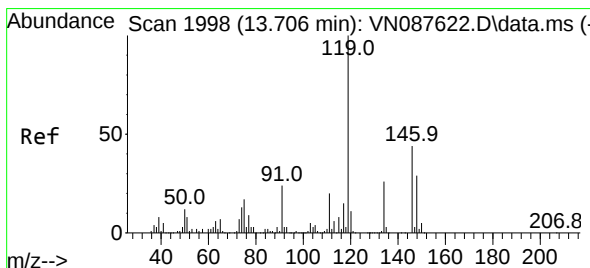
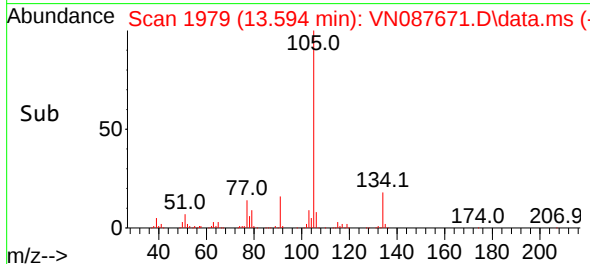
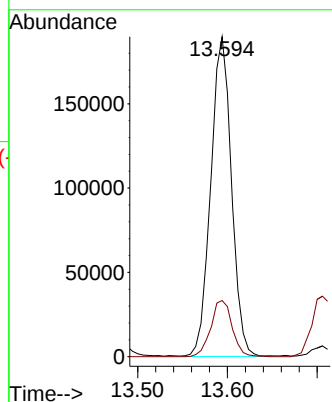
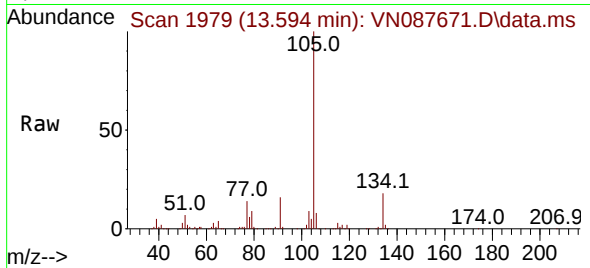




#85
 sec-Butylbenzene
 Concen: 19.095 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

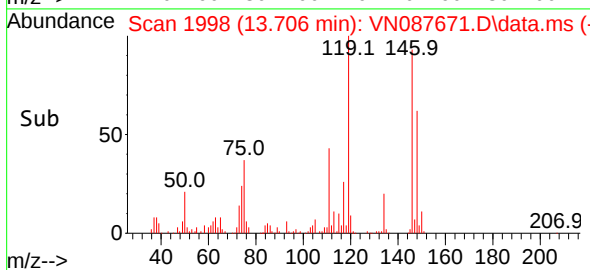
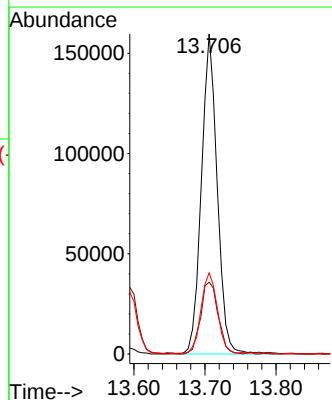
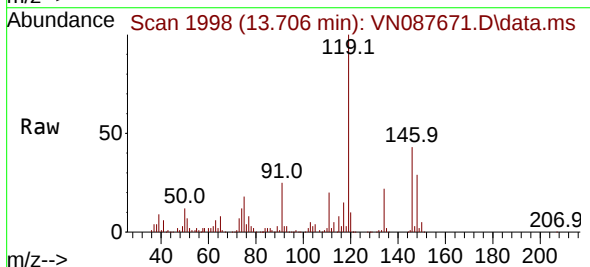
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

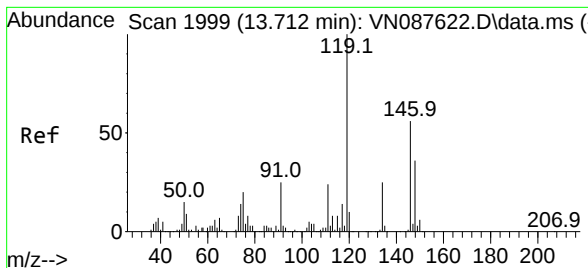
Tgt Ion:105 Resp: 304060
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 18.800 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087671.D
 Acq: 26 Aug 2025 15:29

Tgt Ion:119 Resp: 247190
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.0
 91 25.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.009 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

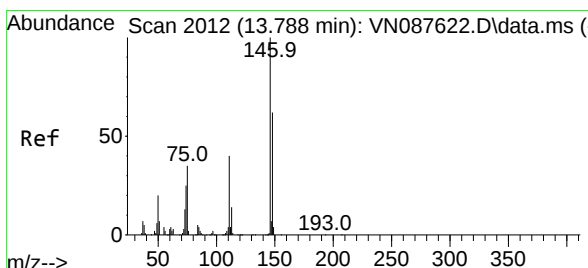
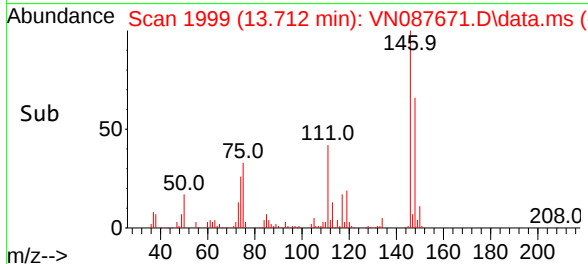
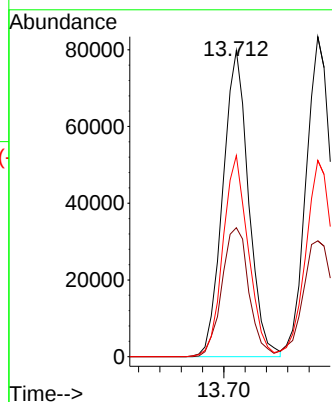
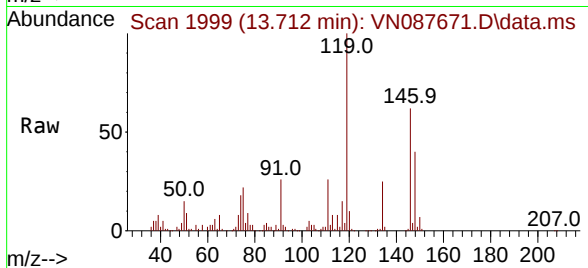
Tgt Ion:146 Resp: 133973

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.5

148 64.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 18.954 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

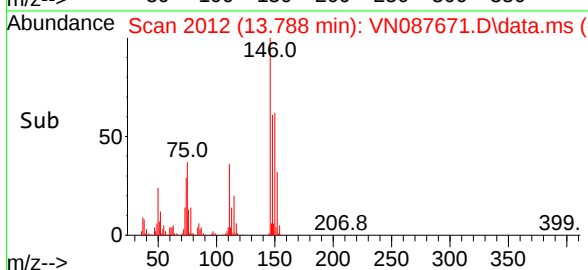
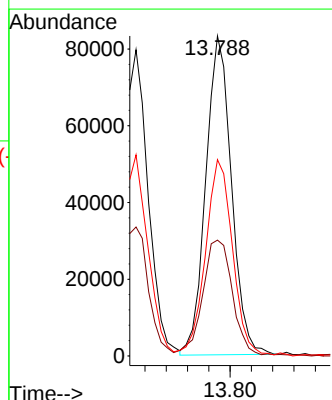
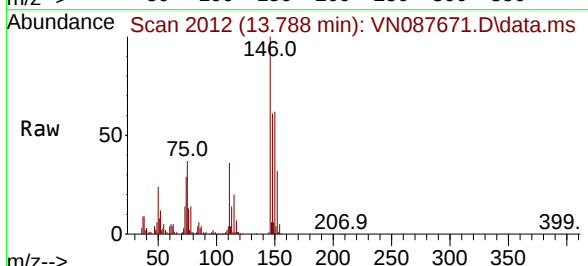
Tgt Ion:146 Resp: 139016

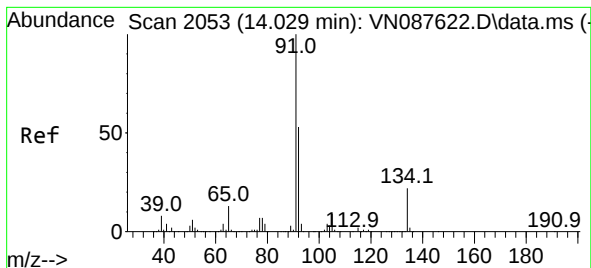
Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 18.797 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

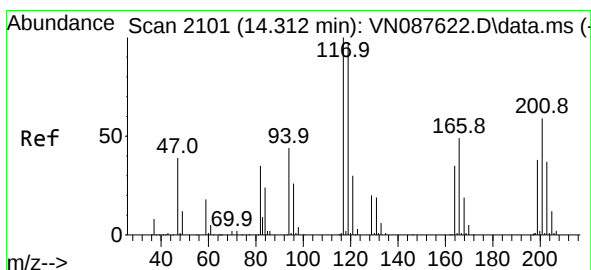
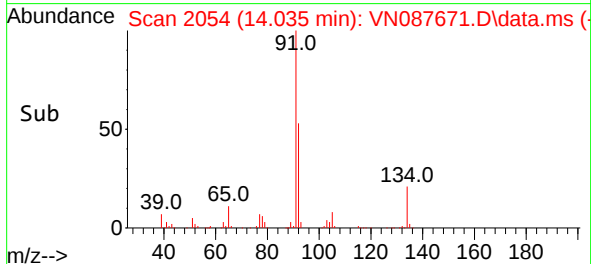
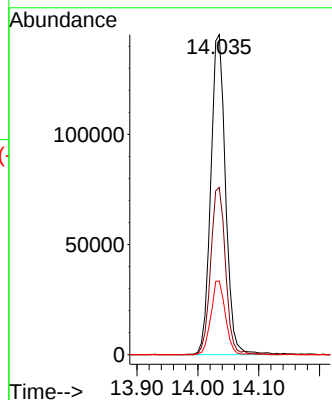
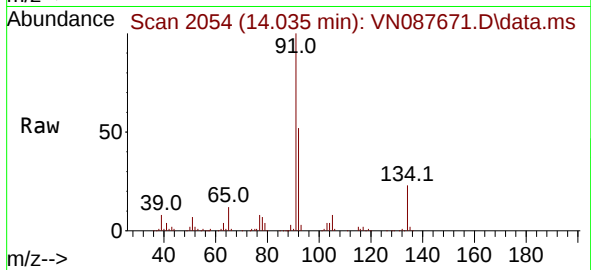
Tgt Ion: 91 Resp: 245461

Ion Ratio Lower Upper

91 100

92 52.5 25.9 77.8

134 22.5 11.7 35.0



#90

Hexachloroethane

Concen: 18.850 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087671.D

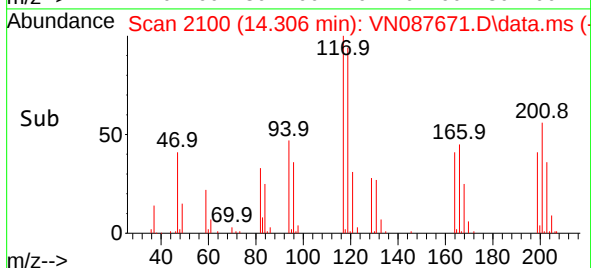
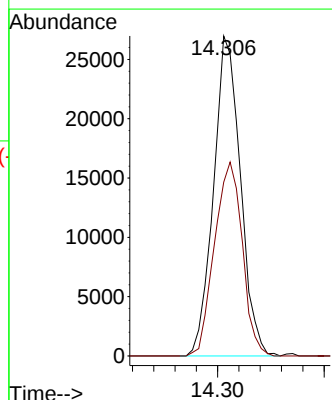
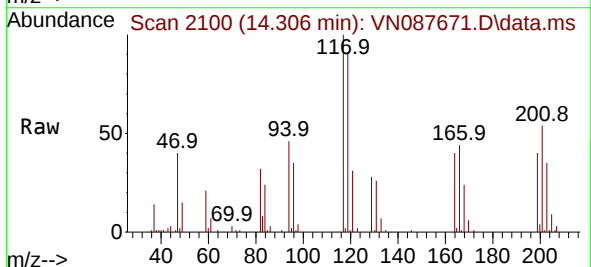
Acq: 26 Aug 2025 15:29

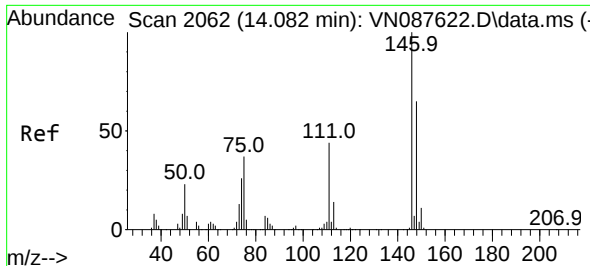
Tgt Ion: 117 Resp: 47221

Ion Ratio Lower Upper

117 100

201 62.7 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 19.781 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

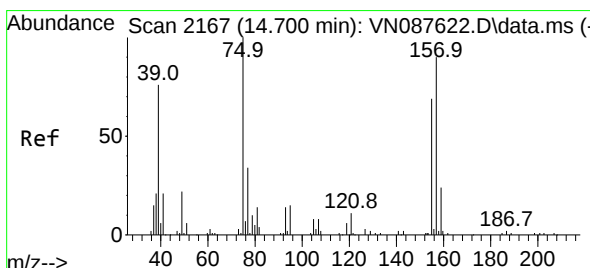
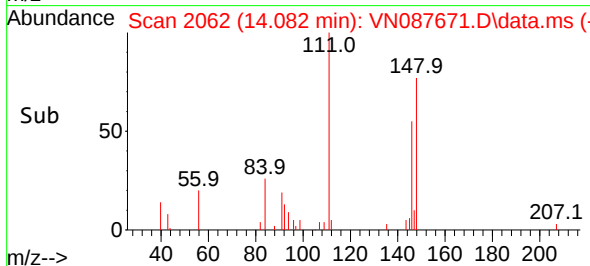
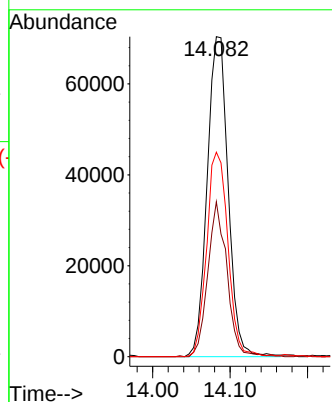
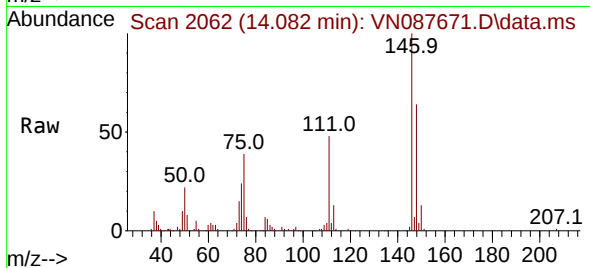
Tgt Ion:146 Resp: 132259

Ion Ratio Lower Upper

146 100

111 44.3 22.6 67.8

148 64.8 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.467 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

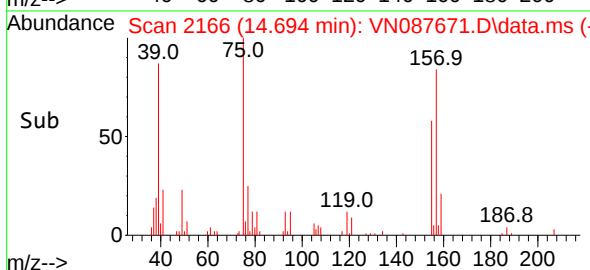
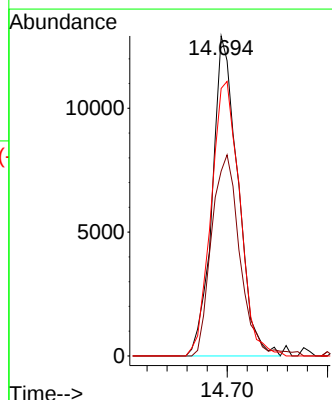
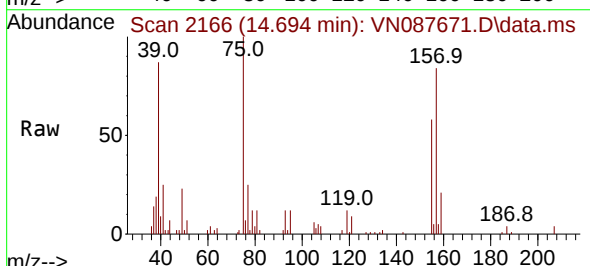
Tgt Ion: 75 Resp: 22925

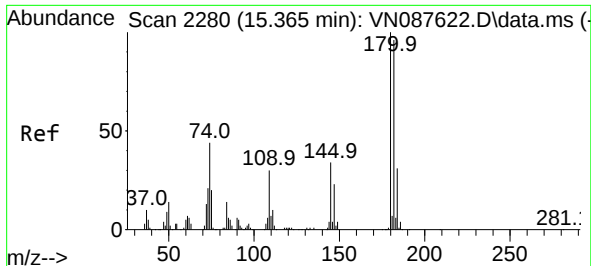
Ion Ratio Lower Upper

75 100

155 69.8 36.6 109.9

157 95.9 45.6 136.9

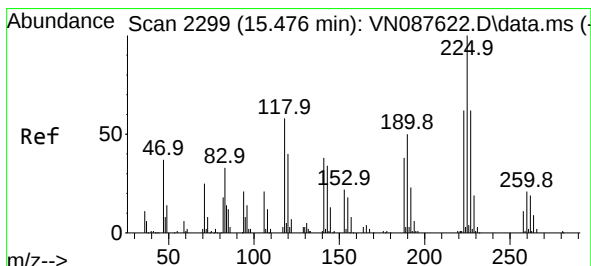
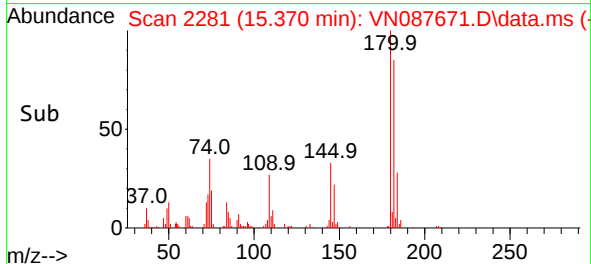
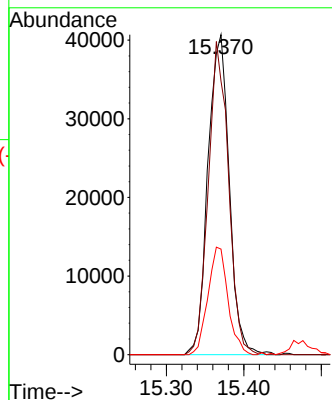
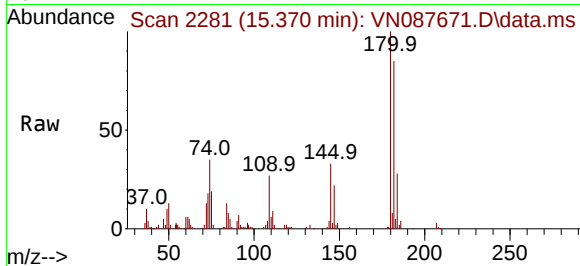




#93
1,2,4-Trichlorobenzene
Concen: 19.302 ug/l
RT: 15.370 min Scan# 2280
Delta R.T. 0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

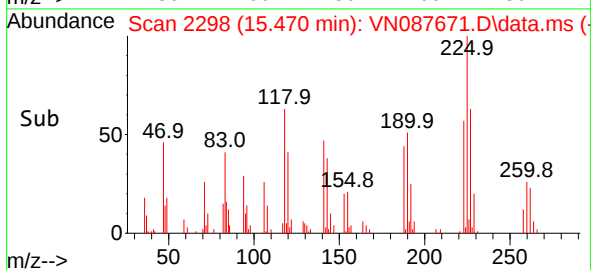
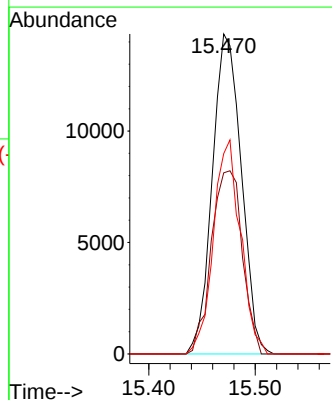
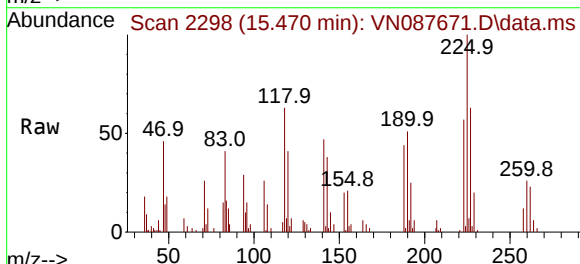
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

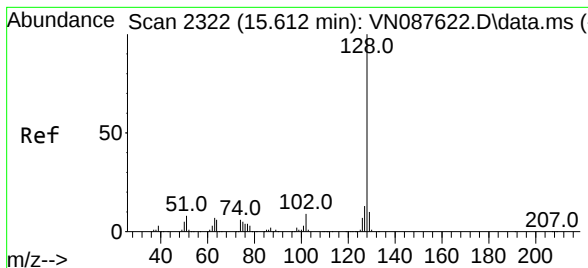
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.6	142.9
145	31.8	16.5	49.5



#94
Hexachlorobutadiene
Concen: 18.935 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087671.D
Acq: 26 Aug 2025 15:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.0	96.2
227	62.6	32.1	96.5





#95

Naphthalene

Concen: 18.533 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

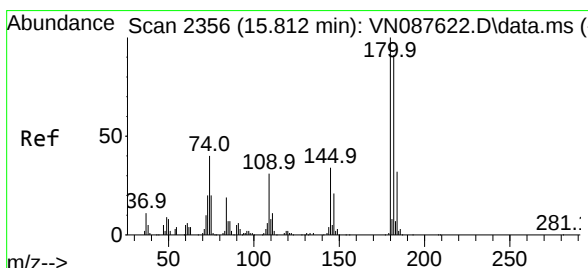
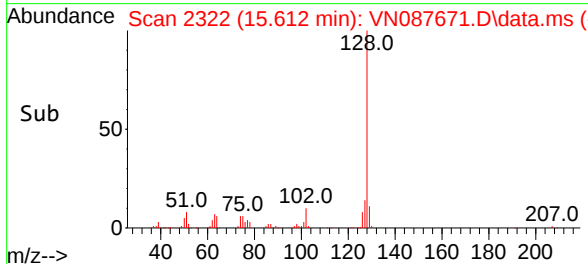
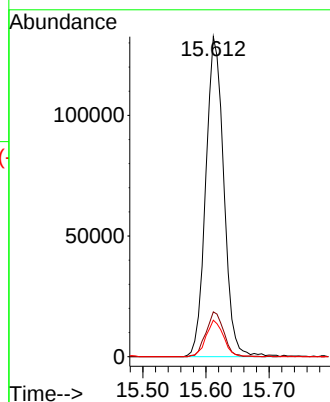
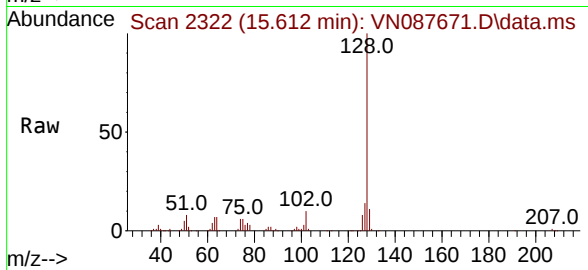
Tgt Ion:128 Resp: 263572

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.391 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087671.D

Acq: 26 Aug 2025 15:29

Tgt Ion:180 Resp: 72189

Ion Ratio Lower Upper

180 100

182 93.3 46.8 140.3

145 34.2 17.3 52.0

