

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087651.D
 Acq On : 25 Aug 2025 12:56
 Operator : JC\MD
 Sample : VN0825WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 26 01:33:03 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	230804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	442728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	414378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	204092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219291	46.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.740%
35) Dibromofluoromethane	8.147	113	149745	46.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	10.547	98	553011	46.223	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.829	95	197297	46.371	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71103	21.691	ug/l	94
3) Chloromethane	2.383	50	66060	19.609	ug/l	89
4) Vinyl Chloride	2.542	62	74382	19.043	ug/l	96
5) Bromomethane	2.977	94	37330	18.522	ug/l	92
6) Chloroethane	3.142	64	49313	17.963	ug/l	93
7) Trichlorofluoromethane	3.512	101	109068	19.059	ug/l	91
8) Diethyl Ether	3.965	74	45216	18.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	61089	18.866	ug/l	97
10) Methyl Iodide	4.589	142	33346	18.713	ug/l	98
11) Tert butyl alcohol	5.518	59	77278	94.132	ug/l	99
12) 1,1-Dichloroethene	4.342	96	61706	18.544	ug/l	90
13) Acrolein	4.177	56	108756	107.758	ug/l	96
14) Allyl chloride	5.012	41	99025	16.422	ug/l	98
15) Acrylonitrile	5.712	53	211379	91.297	ug/l	98
16) Acetone	4.424	43	220266	85.565	ug/l	99
17) Carbon Disulfide	4.700	76	165659	18.083	ug/l	98
18) Methyl Acetate	5.024	43	105083	19.496	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	230313	18.450	ug/l	96
20) Methylene Chloride	5.259	84	69881	17.972	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	61895	17.162	ug/l #	92
22) Diisopropyl ether	6.659	45	236198	18.151	ug/l	95
23) Vinyl Acetate	6.589	43	1099385	92.860	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123467	17.305	ug/l	96
25) 2-Butanone	7.471	43	306542	90.512	ug/l	98
26) 2,2-Dichloropropane	7.477	77	110994	18.125	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	77006	17.861	ug/l	99
28) Bromochloromethane	7.794	49	68281	19.795	ug/l	99
29) Tetrahydrofuran	7.824	42	201064	92.249	ug/l	99
30) Chloroform	7.947	83	132333	18.171	ug/l	97
31) Cyclohexane	8.236	56	109362	18.386	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	109359	17.719	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88273	18.001	ug/l	99
37) Ethyl Acetate	7.547	43	119052	17.766	ug/l	99
38) Carbon Tetrachloride	8.347	117	93009	19.210	ug/l	93
39) Methylcyclohexane	9.583	83	103607	19.191	ug/l	90
40) Benzene	8.588	78	276094	18.356	ug/l	98

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Quant Time: Aug 26 01:33:03 2025
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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)
41) Methacrylonitrile	7.765	41	65630	18.907	ug/l	98
42) 1,2-Dichloroethane	8.653	62	108140	18.710	ug/l	98
43) Isopropyl Acetate	8.677	43	201379	19.249	ug/l	99
44) Trichloroethene	9.335	130	62140	18.096	ug/l	99
45) 1,2-Dichloropropane	9.600	63	71817	18.115	ug/l	96
46) Dibromomethane	9.694	93	52865	18.738	ug/l	97
47) Bromodichloromethane	9.871	83	108120	18.699	ug/l	95
48) Methyl methacrylate	9.665	41	92608	18.714	ug/l	99
49) 1,4-Dioxane	9.683	88	25291	394.309	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	618294	97.953	ug/l	99
52) Toluene	10.612	92	170243	18.258	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	113820	19.018	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	114391	18.407	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	67370	18.677	ug/l	94
56) Ethyl methacrylate	10.859	69	110105	19.100	ug/l	100
57) 1,3-Dichloropropane	11.141	76	118896	18.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	290377	93.067	ug/l	97
59) 2-Hexanone	11.177	43	388655	97.425	ug/l	100
60) Dibromochloromethane	11.341	129	76263	18.247	ug/l	98
61) 1,2-Dibromoethane	11.447	107	69915	18.382	ug/l	99
64) Tetrachloroethene	11.082	164	48580	16.898	ug/l	92
65) Chlorobenzene	11.871	112	182410	17.694	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	64906	18.965	ug/l	99
67) Ethyl Benzene	11.941	91	320645	17.964	ug/l	97
68) m/p-Xylenes	12.053	106	236389	36.111	ug/l	100
69) o-Xylene	12.376	106	117070	18.249	ug/l	99
70) Styrene	12.388	104	198670	18.485	ug/l	98
71) Bromoform	12.559	173	48199	18.363	ug/l #	97
73) Isopropylbenzene	12.676	105	297882	18.062	ug/l	100
74) N-amyl acetate	12.529	43	12346	1.975	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.918	83	109740	19.327	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	138869	29.015	ug/l	62
77) Bromobenzene	12.959	156	68944	17.730	ug/l	95
78) n-propylbenzene	13.012	91	374025	18.412	ug/l	99
79) 2-Chlorotoluene	13.100	91	221341	18.106	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	253186	18.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	31340	17.336	ug/l	91
82) 4-Chlorotoluene	13.200	91	231152	17.984	ug/l	99
83) tert-Butylbenzene	13.418	119	216360	18.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	256016	18.280	ug/l	99
85) sec-Butylbenzene	13.594	105	327224	18.914	ug/l	99
86) p-Isopropyltoluene	13.706	119	268502	18.794	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	136313	17.801	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	142274	17.853	ug/l	99
89) n-Butylbenzene	14.035	91	264177	18.619	ug/l	99
90) Hexachloroethane	14.306	117	49011	18.007	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	131567	18.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25585	18.968	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	82449	18.900	ug/l	97
94) Hexachlorobutadiene	15.476	225	29874	19.208	ug/l	96
95) Naphthalene	15.617	128	279642	18.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	76698	17.984	ug/l	99

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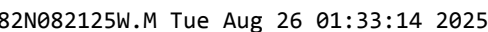
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MSVOA_N
ClientSampleId :

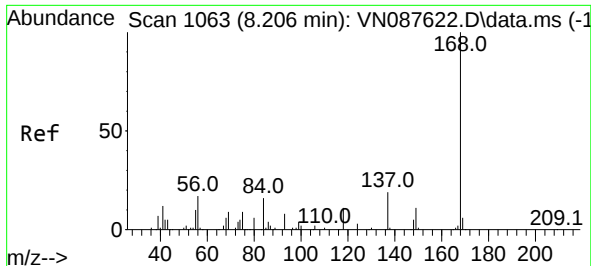
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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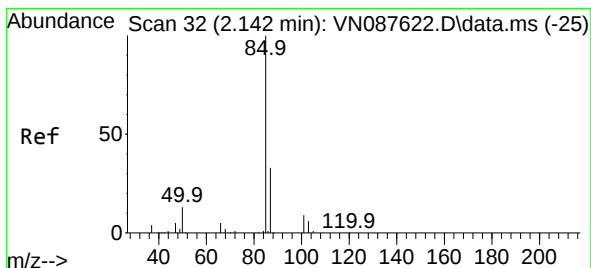
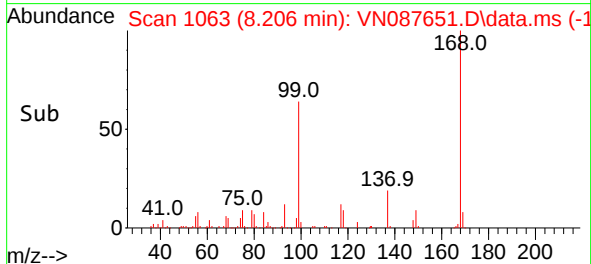
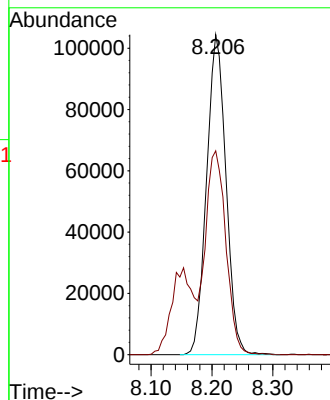
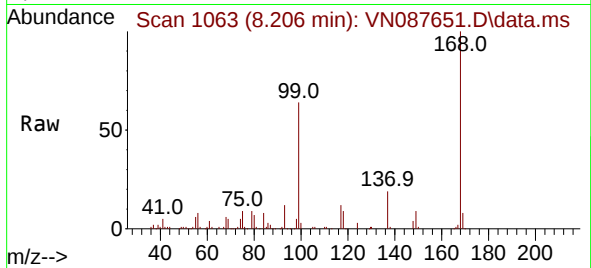




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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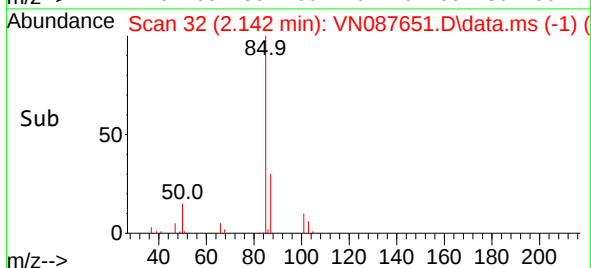
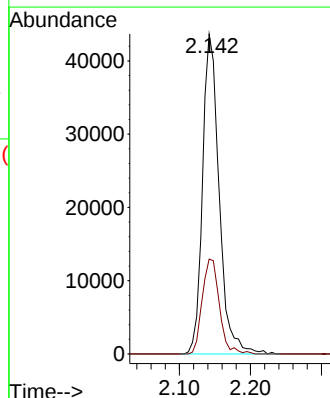
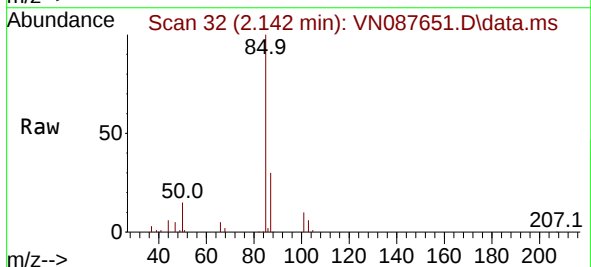
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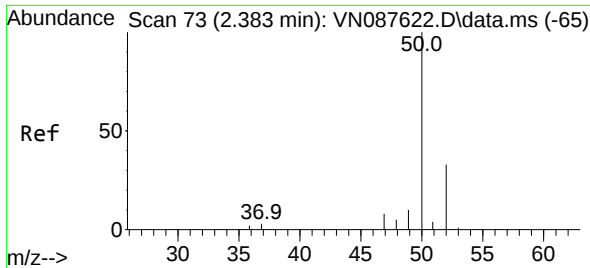
Tgt Ion:168 Resp: 230804
Ion Ratio Lower Upper
168 100
99 63.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 21.691 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 85 Resp: 71103
Ion Ratio Lower Upper
85 100
87 29.6 16.6 49.8

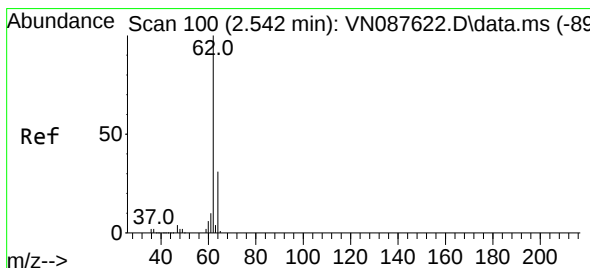
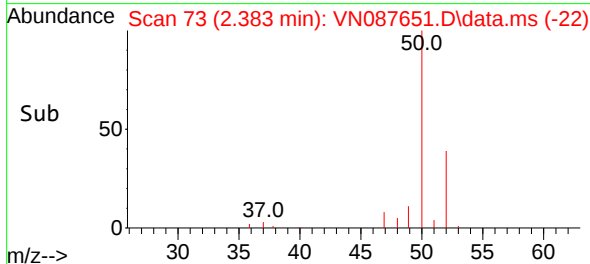
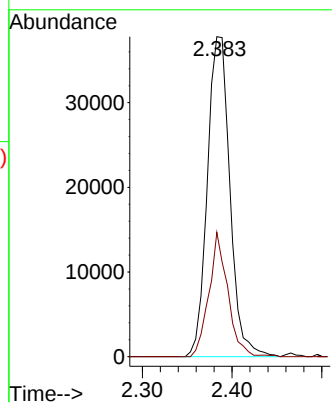
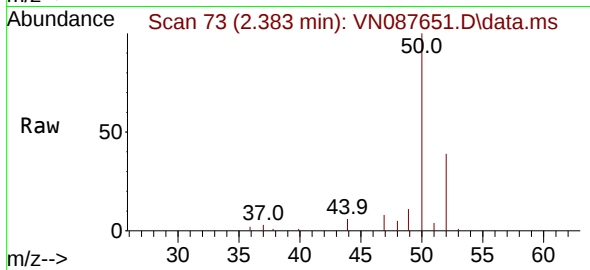




#3
Chloromethane
Concen: 19.609 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

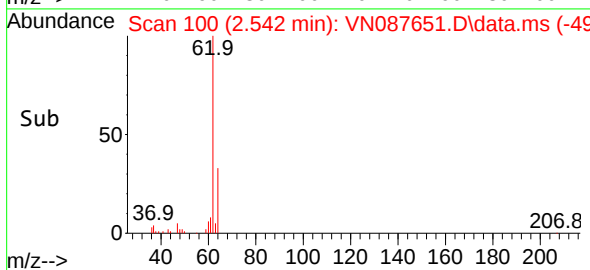
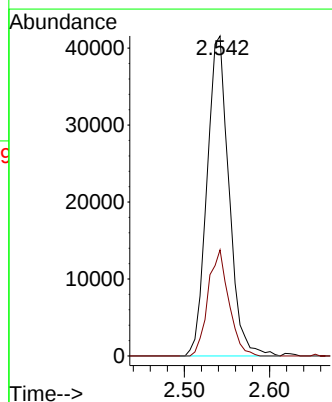
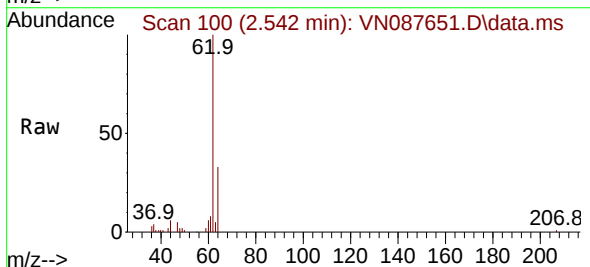
Instrument :
MSVOA_N
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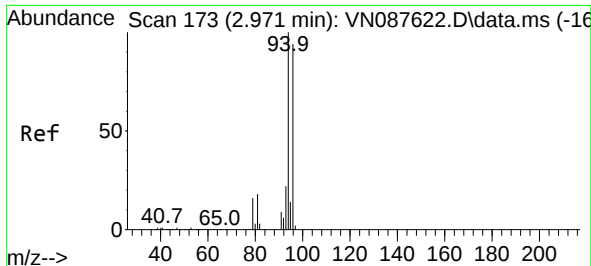
Tgt Ion: 50 Resp: 66060
Ion Ratio Lower Upper
50 100
52 38.8 26.2 39.4



#4
Vinyl Chloride
Concen: 19.043 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 62 Resp: 74382
Ion Ratio Lower Upper
62 100
64 33.2 24.6 37.0

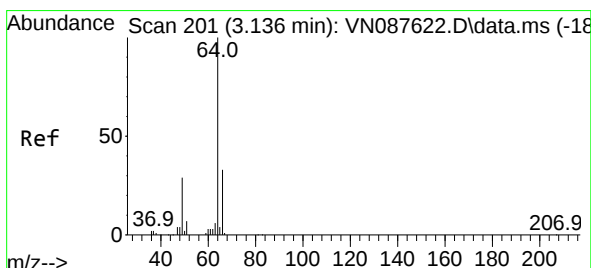
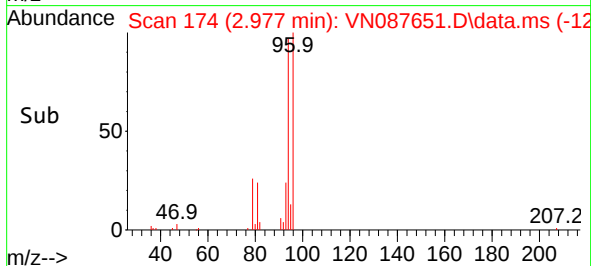
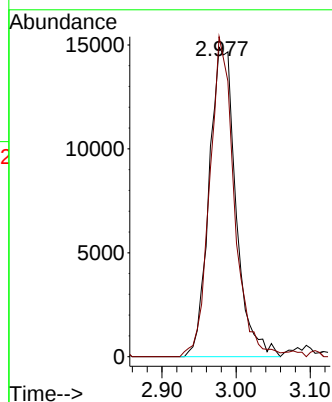
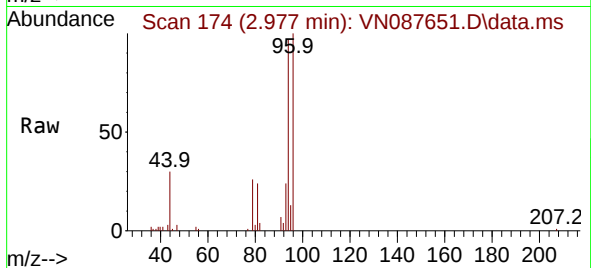




#5
Bromomethane
Concen: 18.522 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

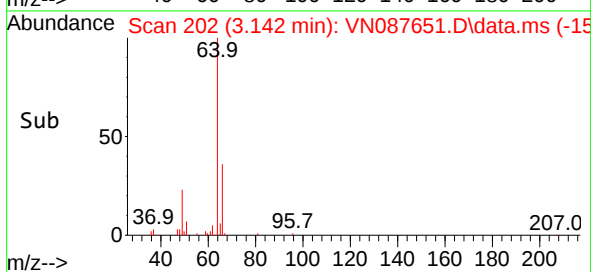
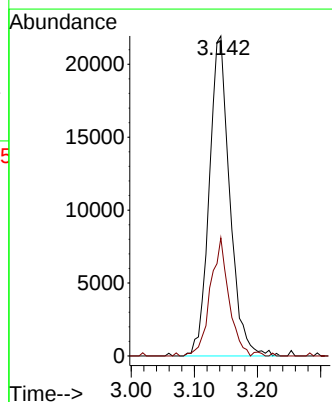
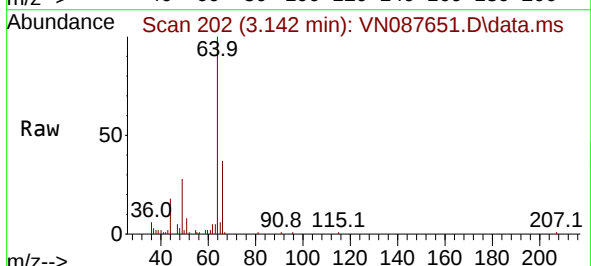
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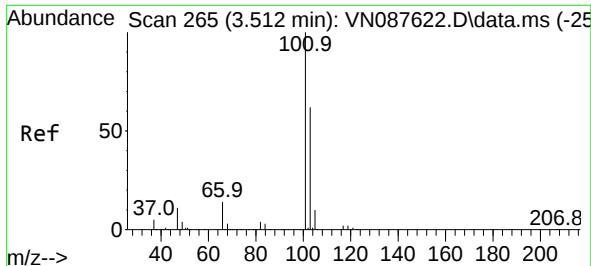
Tgt Ion: 94 Resp: 37330
Ion Ratio Lower Upper
94 100
96 102.3 75.4 113.2



#6
Chloroethane
Concen: 17.963 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 64 Resp: 49313
Ion Ratio Lower Upper
64 100
66 36.9 26.2 39.2

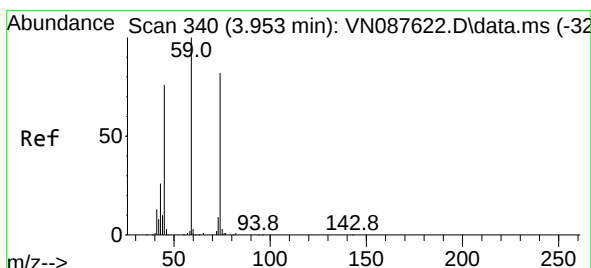
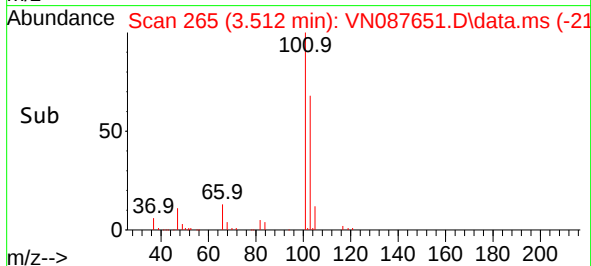
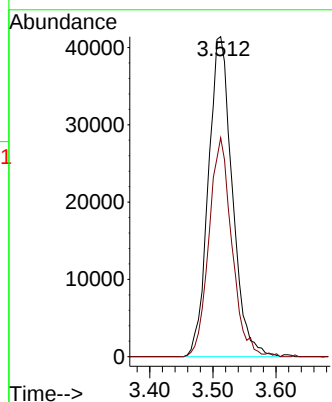
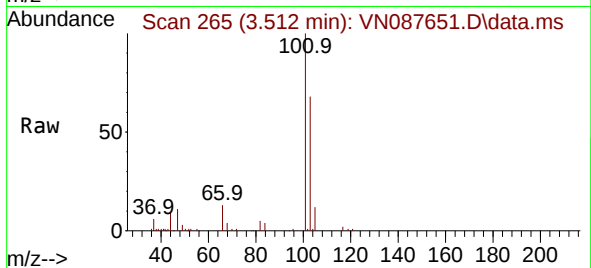




#7
 Trichlorofluoromethane
 Concen: 19.059 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

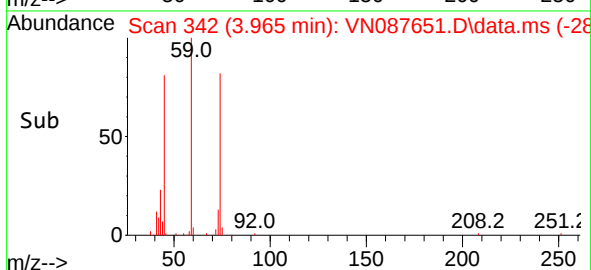
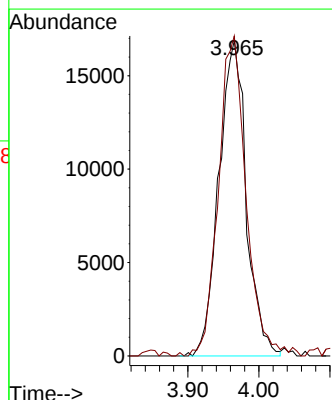
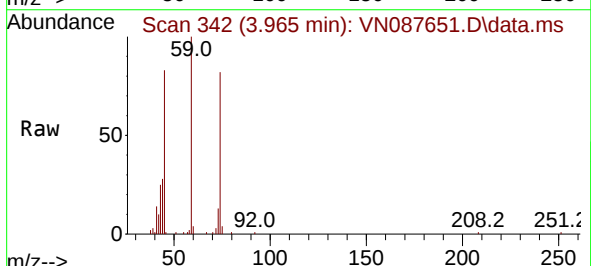
Instrument :
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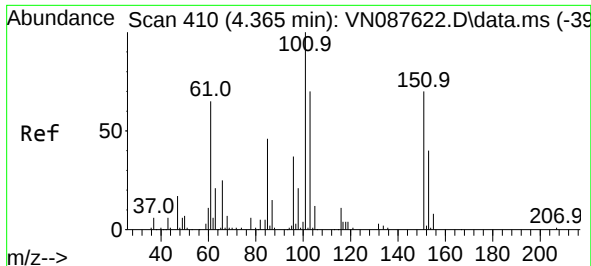
Tgt Ion:101 Resp: 109068
 Ion Ratio Lower Upper
 101 100
 103 68.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 18.142 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Tgt Ion: 74 Resp: 45216
 Ion Ratio Lower Upper
 74 100
 45 102.5 50.6 151.9

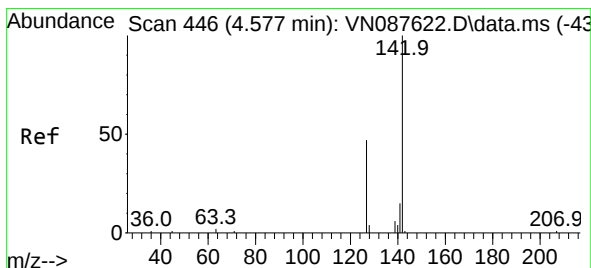
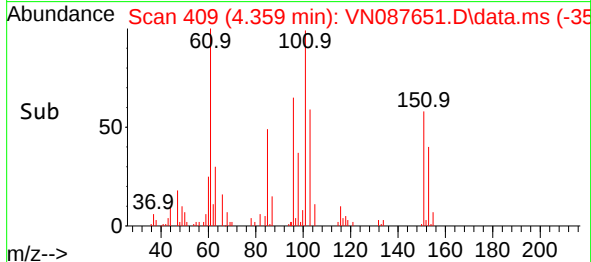
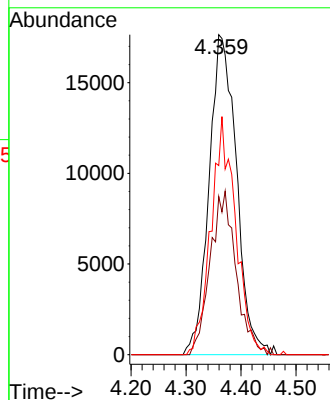
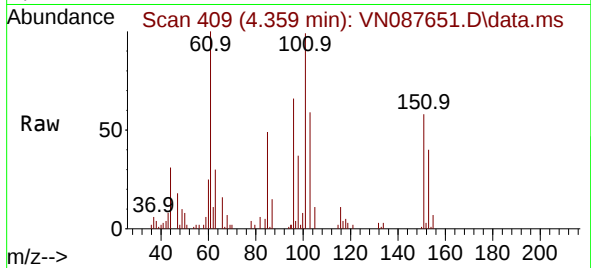




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.866 ug/l
RT: 4.359 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

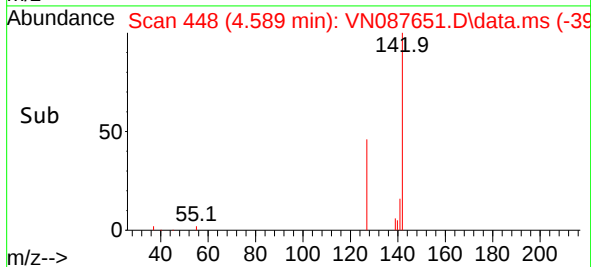
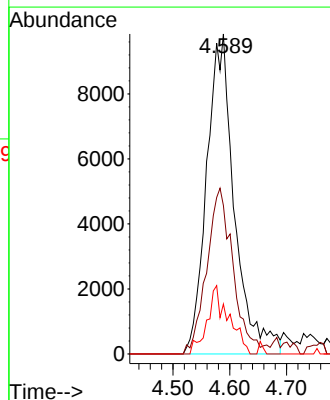
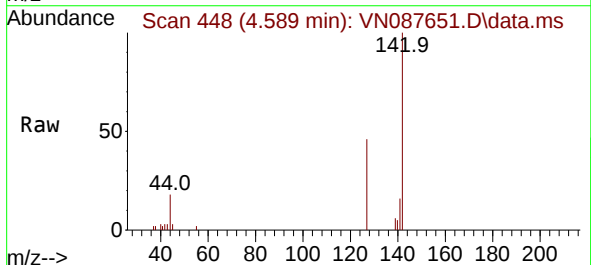
Instrument :
MSVOA_N
ClientSampleId :

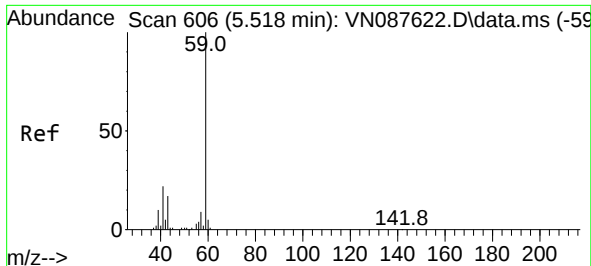
Tgt Ion:101 Resp: 61089
Ion Ratio Lower Upper
101 100
85 48.4 36.6 55.0
151 67.0 54.7 82.1



#10
Methyl Iodide
Concen: 18.713 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:142 Resp: 33346
Ion Ratio Lower Upper
142 100
127 46.4 38.0 57.0
141 15.6 12.0 18.0

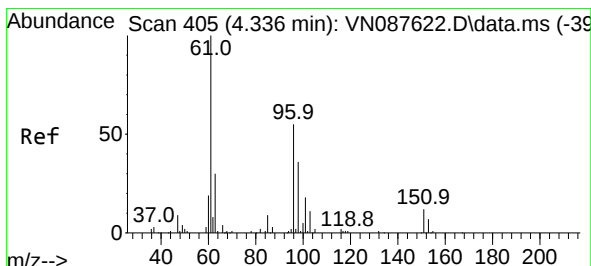
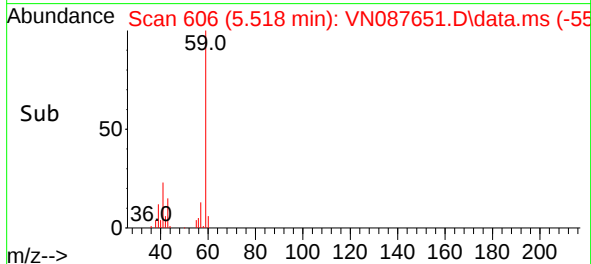
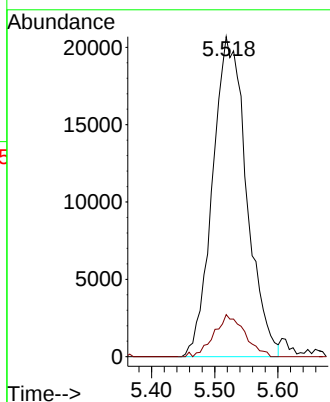
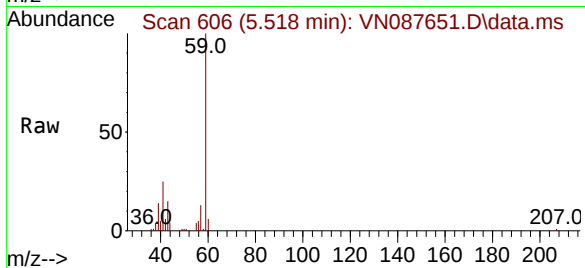




#11
Tert butyl alcohol
Concen: 94.132 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

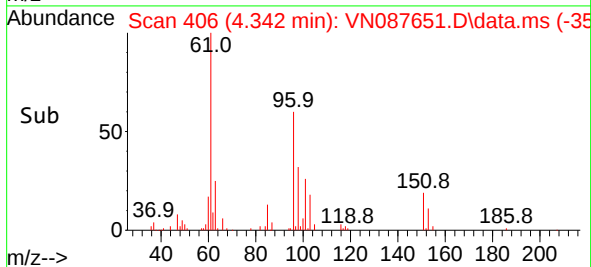
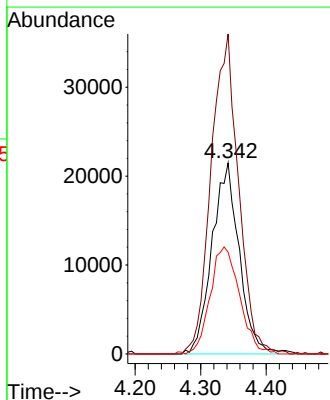
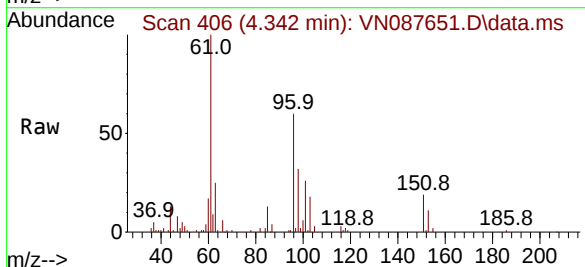
Instrument :
MSVOA_N
ClientSampleId :

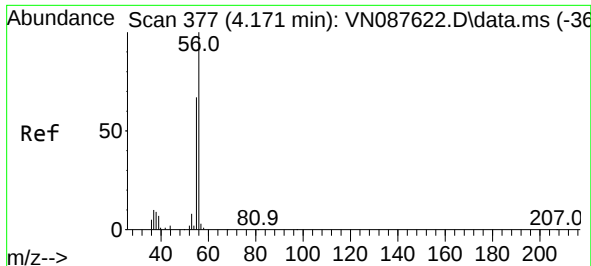
Tgt Ion: 59 Resp: 77278
Ion Ratio Lower Upper
59 100
57 11.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.544 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 96 Resp: 61706
Ion Ratio Lower Upper
96 100
61 167.5 143.8 215.8
98 53.2 52.1 78.1

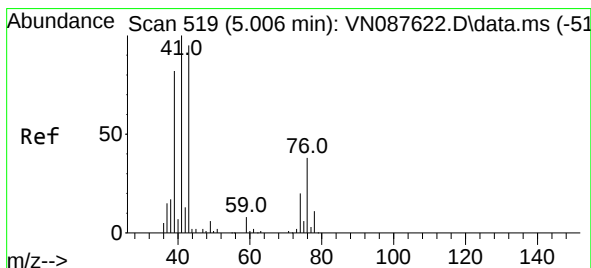
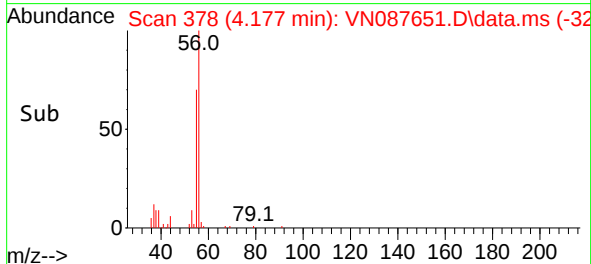
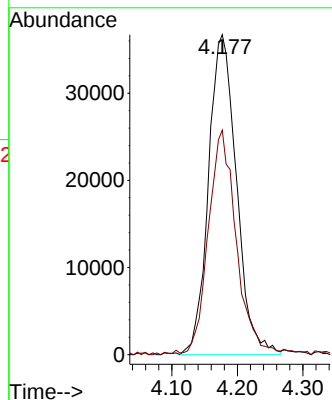
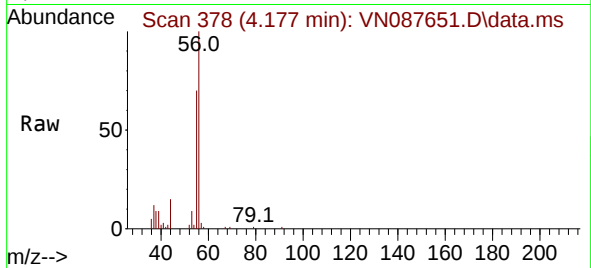




#13
Acrolein
Concen: 107.758 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

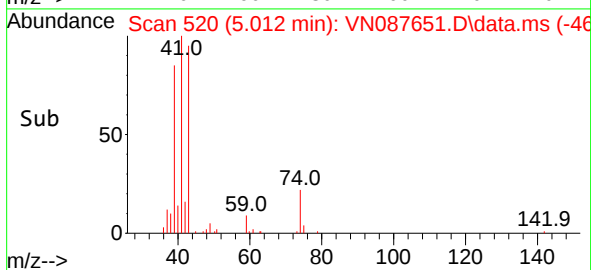
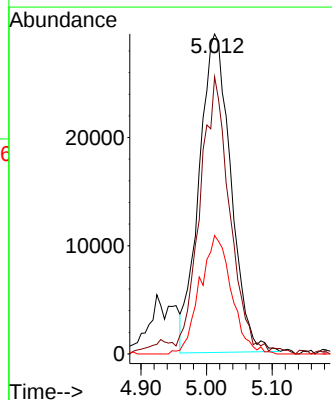
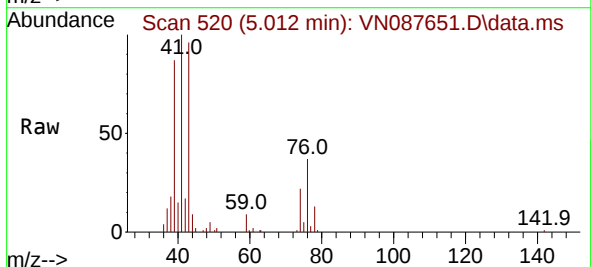
Instrument :
MSVOA_N
ClientSampleId :

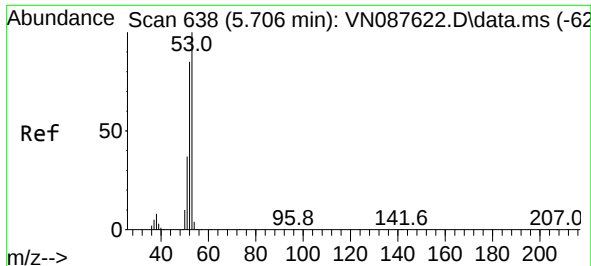
Tgt Ion: 56 Resp: 108756
Ion Ratio Lower Upper
56 100
55 67.9 57.3 85.9



#14
Allyl chloride
Concen: 16.422 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 41 Resp: 99025
Ion Ratio Lower Upper
41 100
39 78.8 63.9 95.9
76 37.0 28.1 42.1

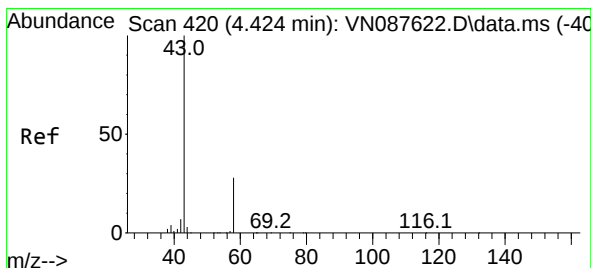
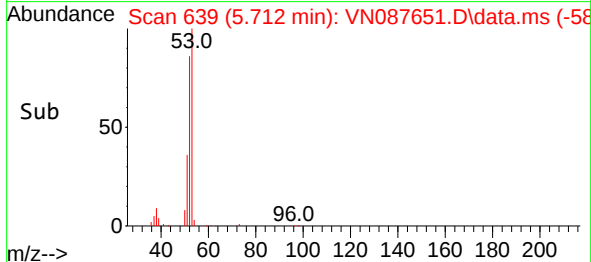
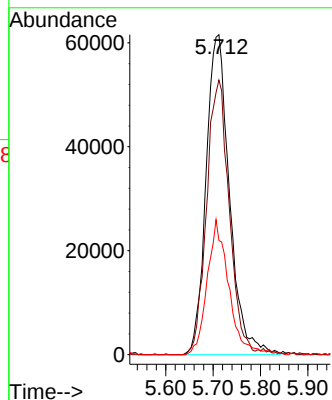
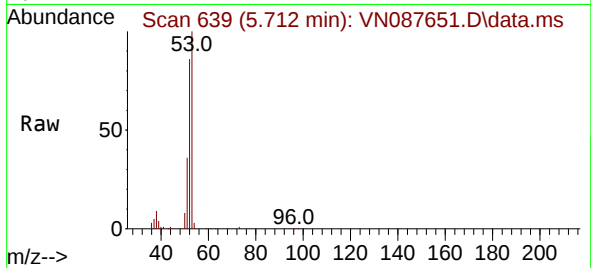




#15
Acrylonitrile
Concen: 91.297 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

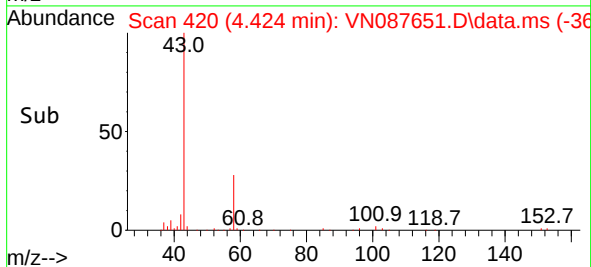
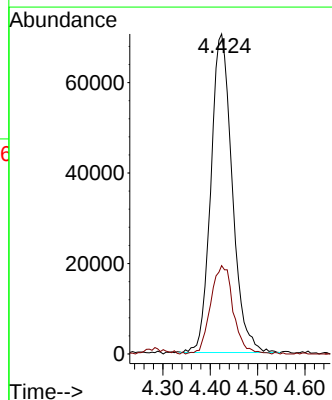
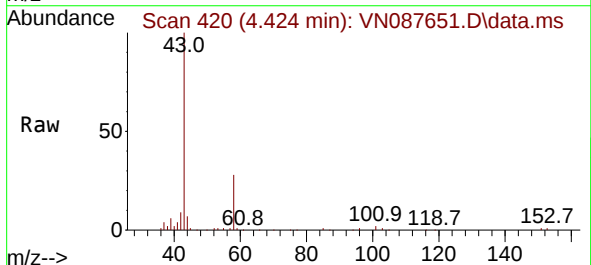
Instrument :
MSVOA_N
ClientSampleId :

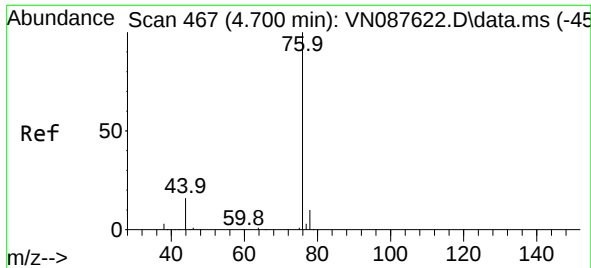
Tgt Ion: 53 Resp: 211379
Ion Ratio Lower Upper
53 100
52 82.6 67.6 101.4
51 38.4 30.1 45.1



#16
Acetone
Concen: 85.565 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 43 Resp: 220266
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8

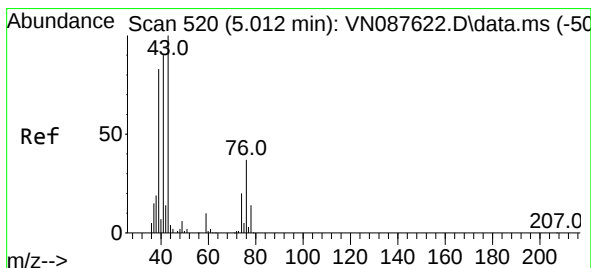
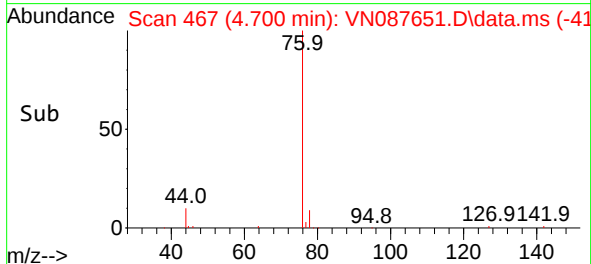
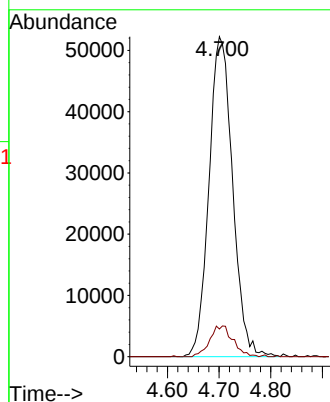
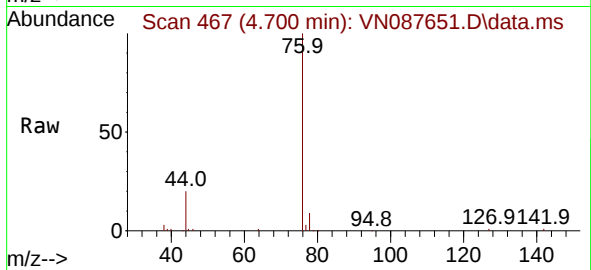




#17
Carbon Disulfide
Concen: 18.083 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

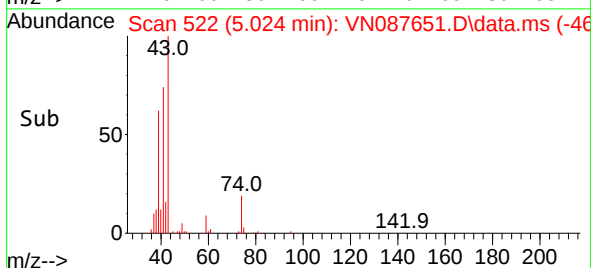
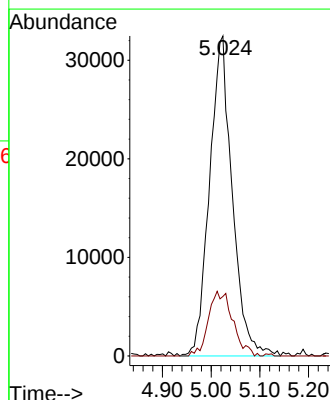
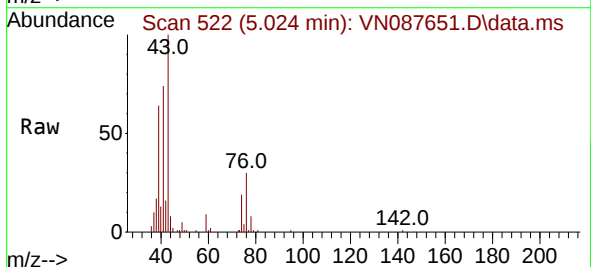
Instrument :
MSVOA_N
ClientSampleId :

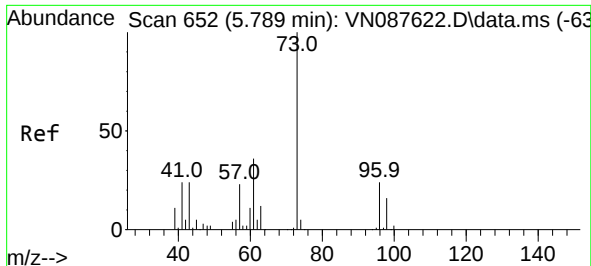
Tgt Ion: 76 Resp: 165659
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 19.496 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 43 Resp: 105083
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4

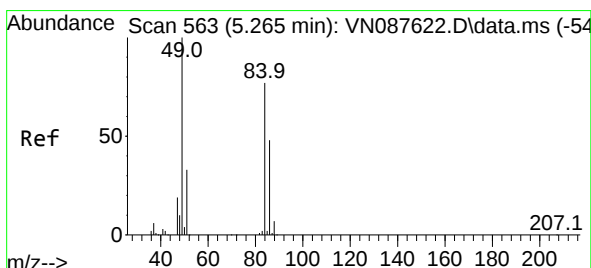
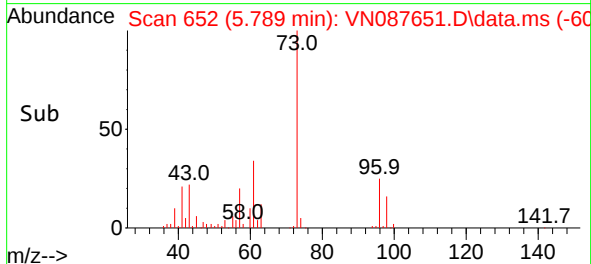
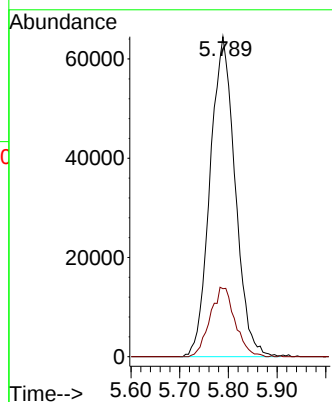
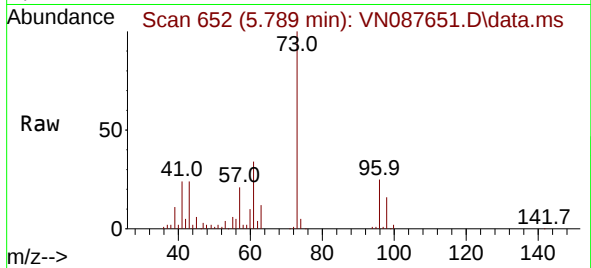




#19
Methyl tert-butyl Ether
Concen: 18.450 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

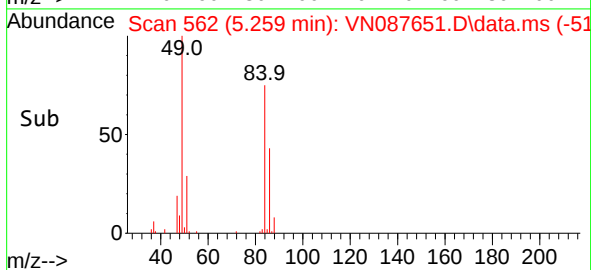
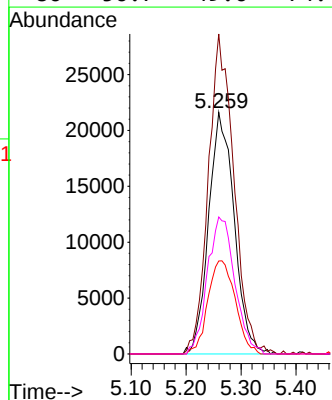
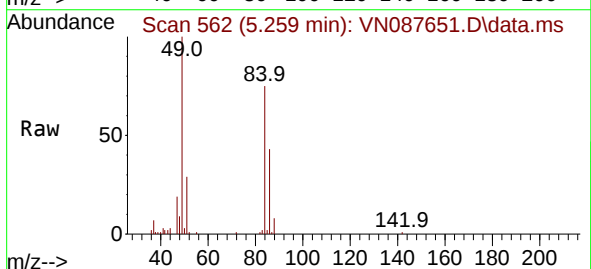
Instrument :
MSVOA_N
ClientSampleId :

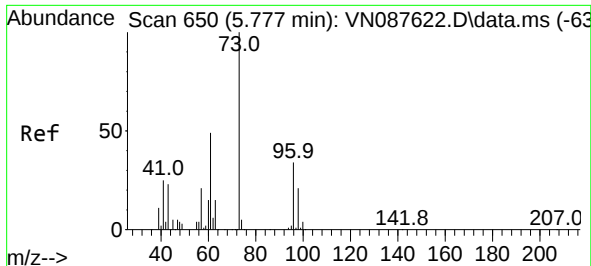
Tgt Ion: 73 Resp: 230313
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6



#20
Methylene Chloride
Concen: 17.972 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

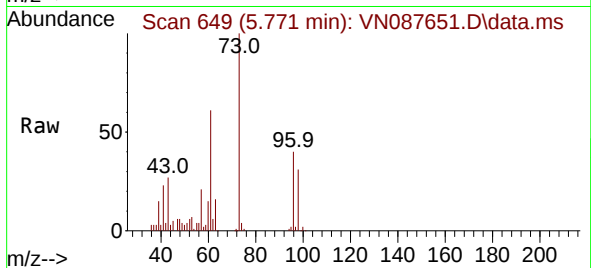
Tgt Ion: 84 Resp: 69881
Ion Ratio Lower Upper
84 100
49 132.5 103.4 155.2
51 38.5 33.8 50.8
86 56.7 49.6 74.4



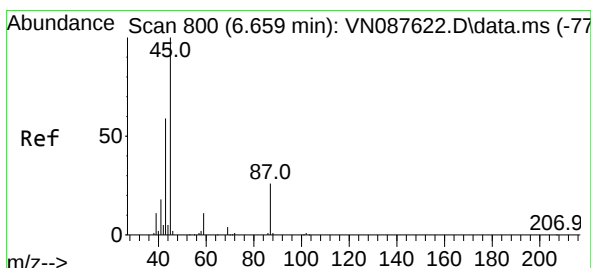
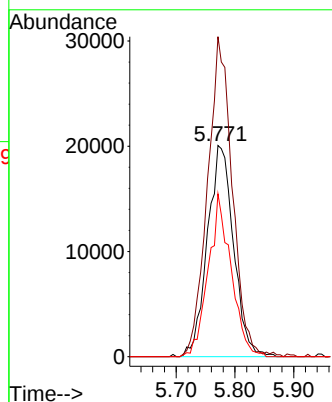
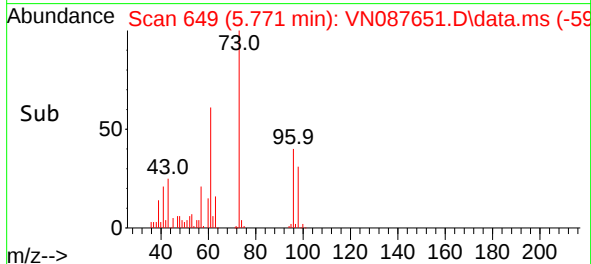


#21
trans-1,2-Dichloroethene
Concen: 17.162 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

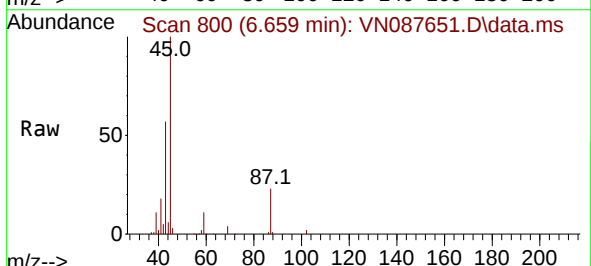
Instrument :
MSVOA_N
ClientSampleId :



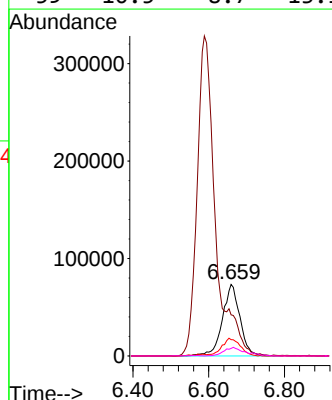
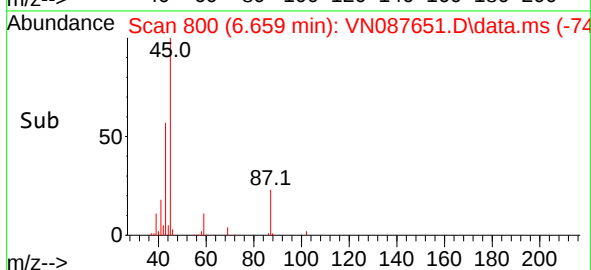
Tgt Ion: 96 Resp: 61895
Ion Ratio Lower Upper
96 100
61 151.5 118.0 177.0
98 77.1 50.0 75.0#

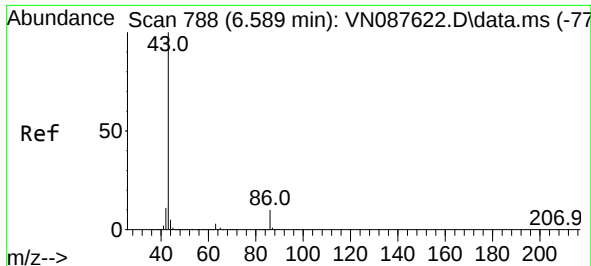


#22
Diisopropyl ether
Concen: 18.151 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56



Tgt Ion: 45 Resp: 236198
Ion Ratio Lower Upper
45 100
43 56.7 47.7 71.5
87 22.8 21.4 32.0
59 10.5 8.7 13.1

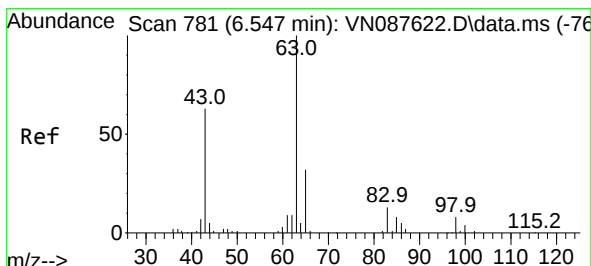
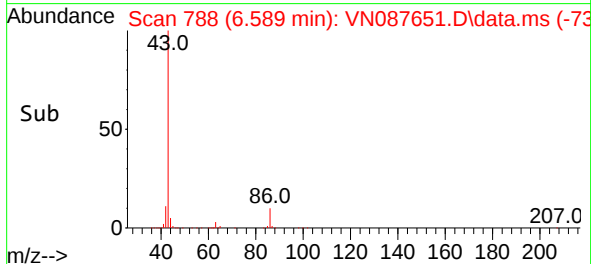
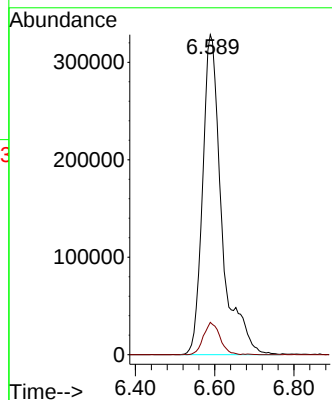
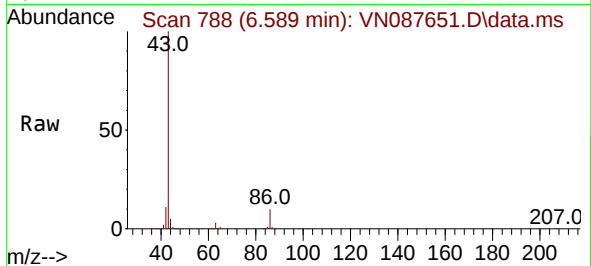




#23
 Vinyl Acetate
 Concen: 92.860 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

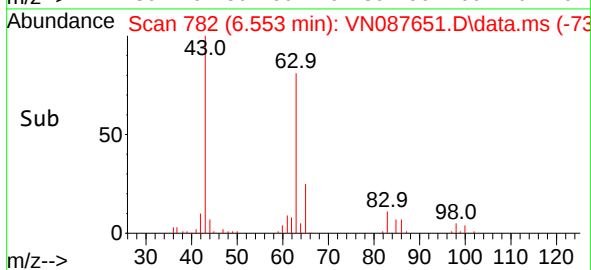
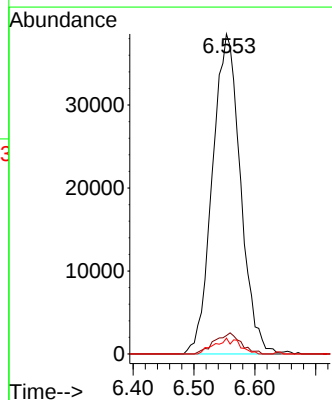
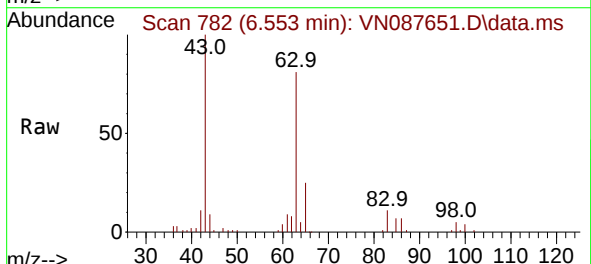
Instrument :
 MSVOA_N
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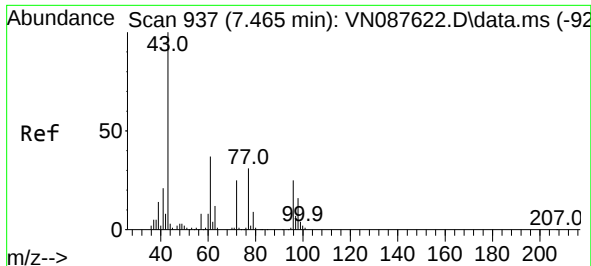
Tgt Ion: 43 Resp: 1099385
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.305 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Tgt Ion: 63 Resp: 123467
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.8 11.4
 100 5.0 2.0 6.0

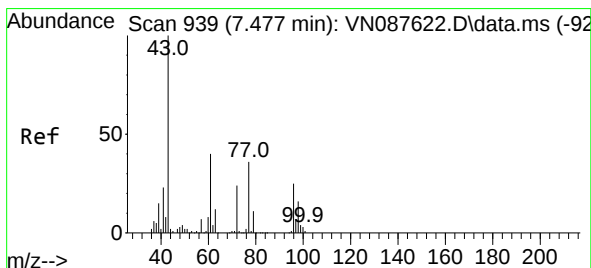
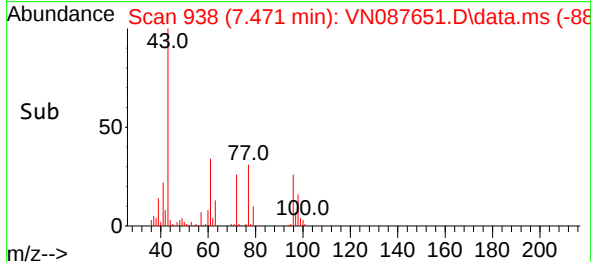
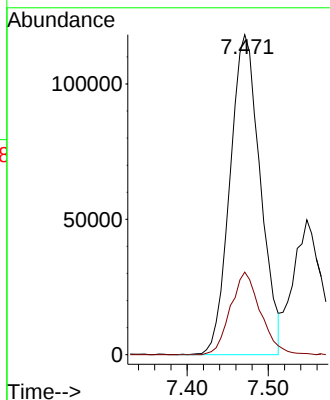
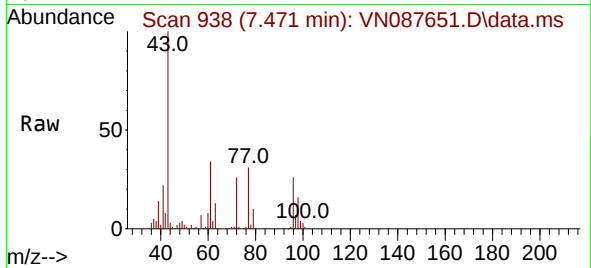




#25
2-Butanone
Concen: 90.512 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

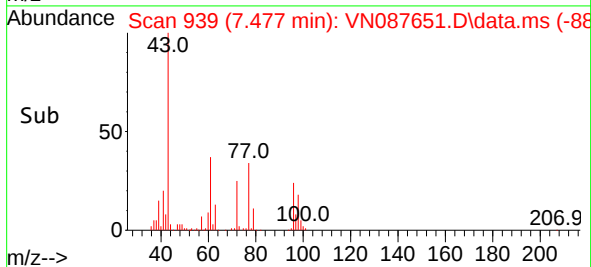
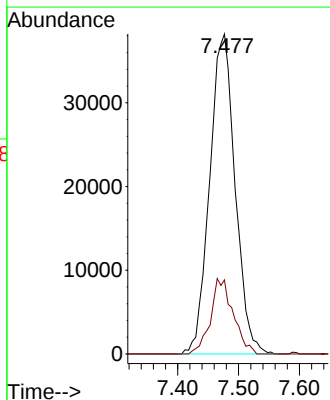
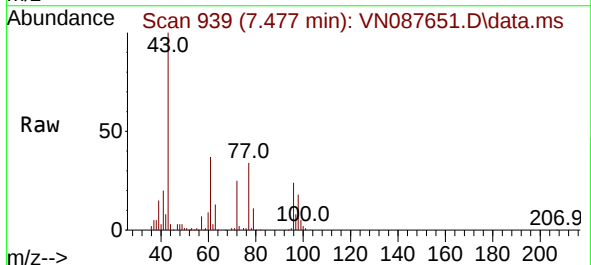
Instrument :
MSVOA_N
ClientSampleId :

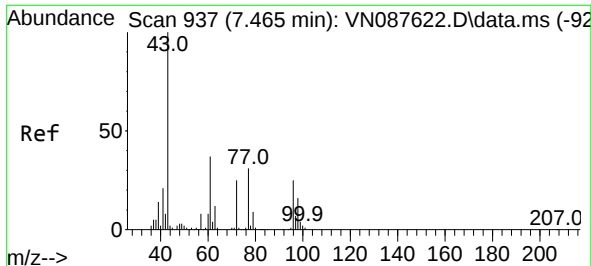
Tgt Ion: 43 Resp: 306542
Ion Ratio Lower Upper
43 100
72 25.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.125 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

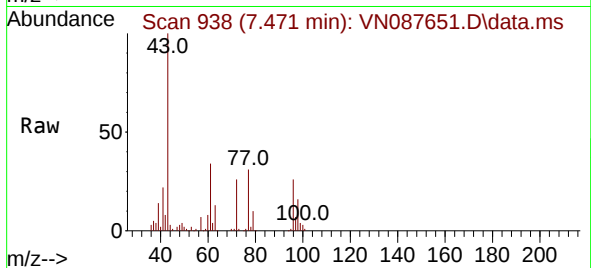
Tgt Ion: 77 Resp: 110994
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7



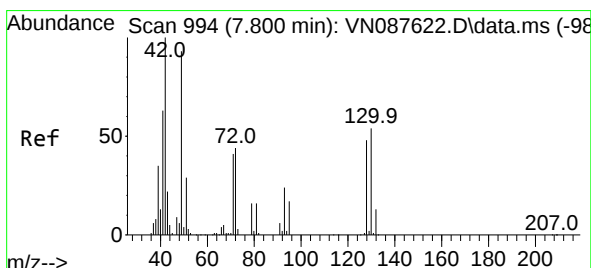
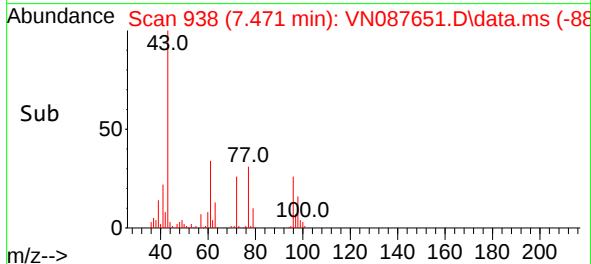
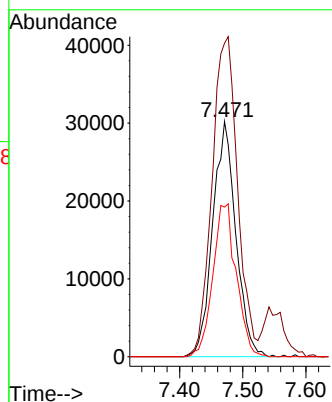


#27
 cis-1,2-Dichloroethene
 Concen: 17.861 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :

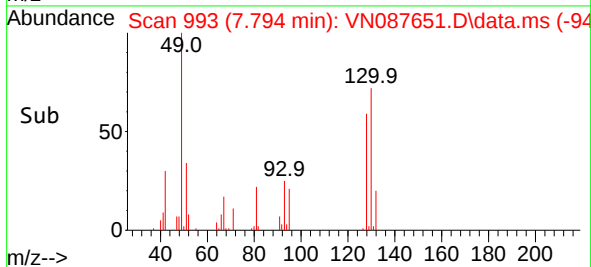
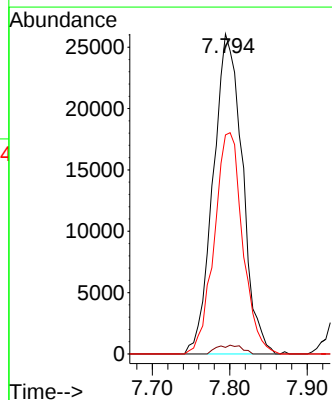
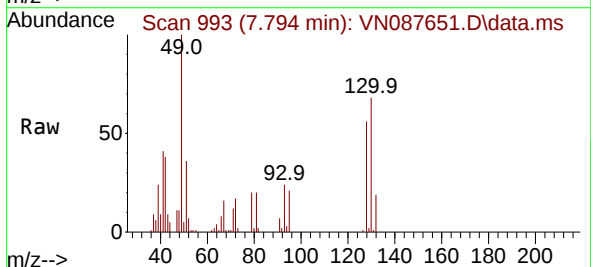


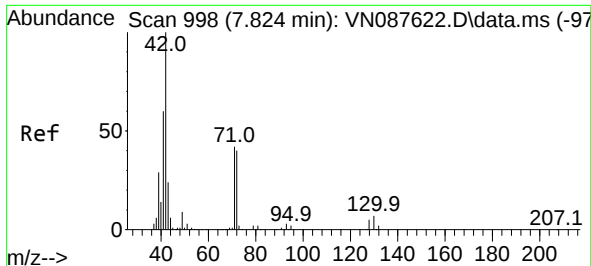
Tgt Ion: 96 Resp: 77006
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 301.8
 98 65.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.795 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Tgt Ion: 49 Resp: 68281
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.0
 130 67.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 92.249 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

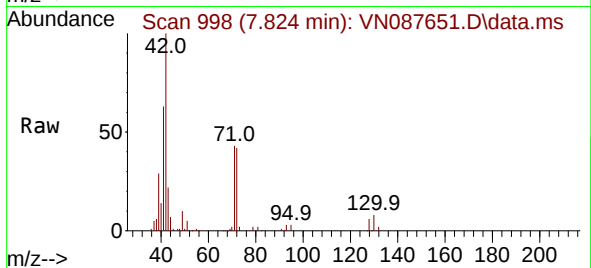
Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

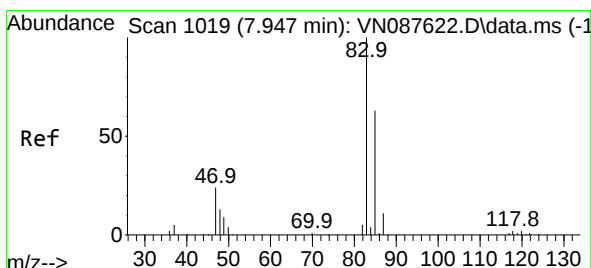
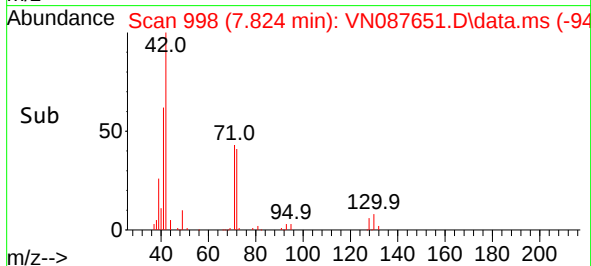
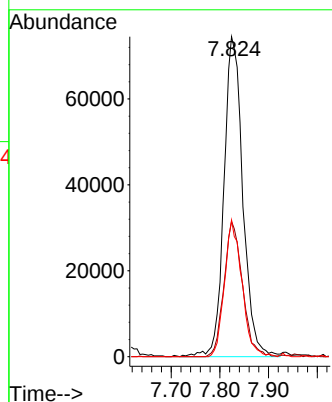
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	201064
Ion Ratio	100	Lower	Upper
42	100		
72	41.3	33.7	50.5
71	39.4	31.9	47.9



#30

Chloroform

Concen: 18.171 ug/l

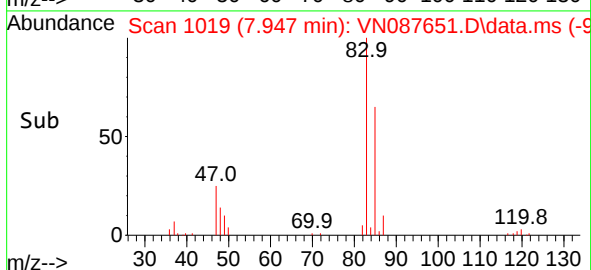
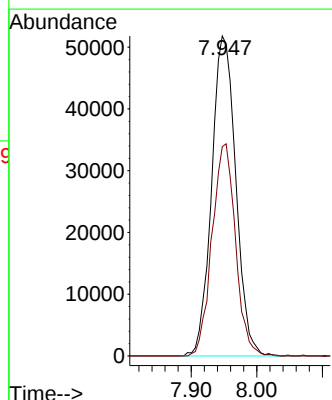
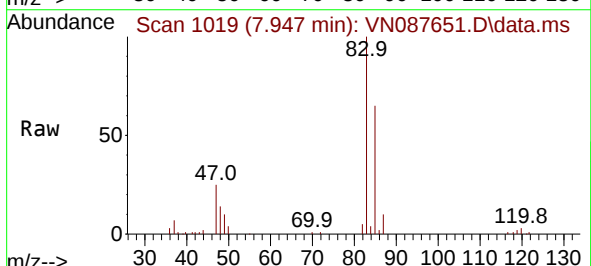
RT: 7.947 min Scan# 1019

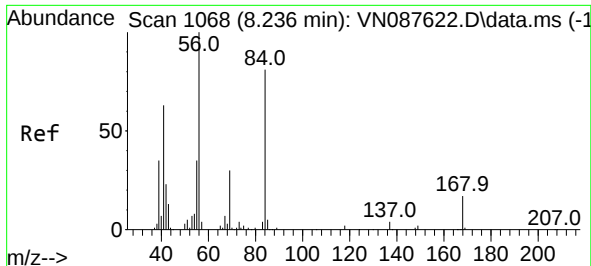
Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Tgt Ion:	83	Resp:	132333
Ion Ratio	100	Lower	Upper
83	100		
85	65.4	50.7	76.1

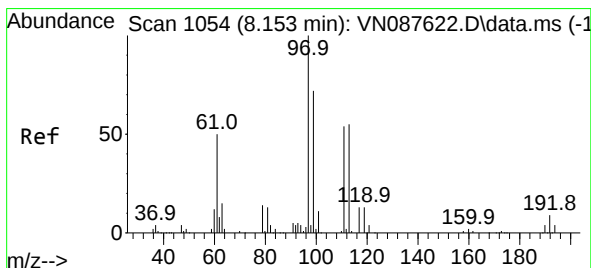
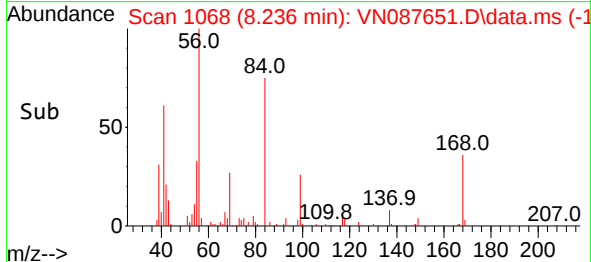
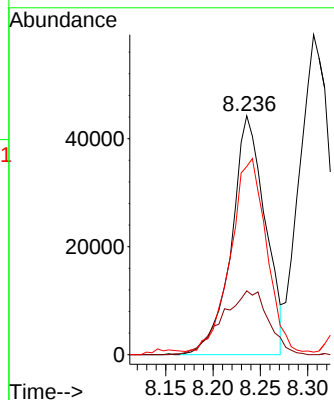
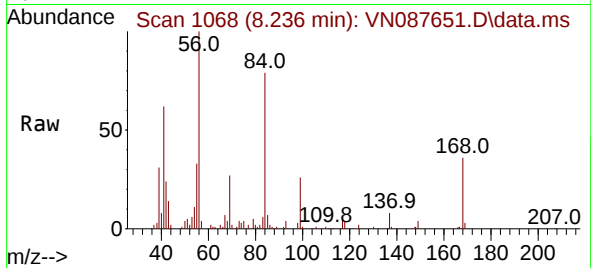




#31
Cyclohexane
Concen: 18.386 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

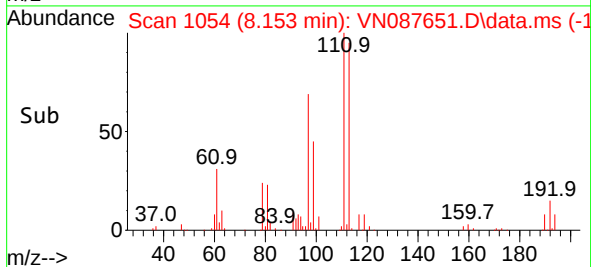
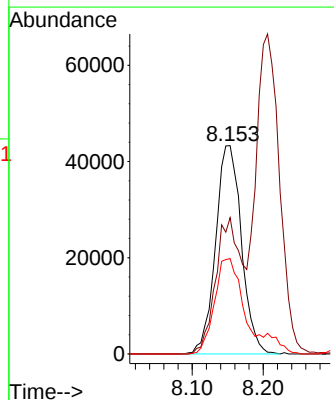
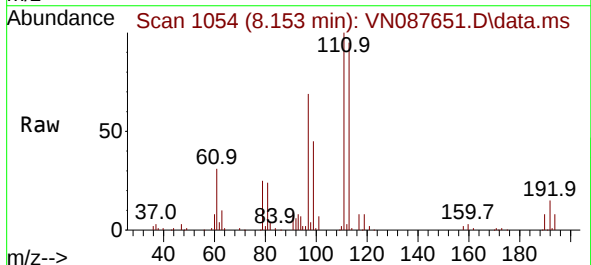
Instrument :
MSVOA_N
ClientSampleId :

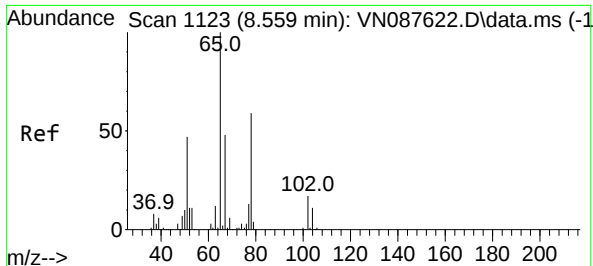
Tgt Ion: 56 Resp: 109362
Ion Ratio Lower Upper
56 100
69 25.8 23.7 35.5
84 77.2 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 17.719 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 97 Resp: 109359
Ion Ratio Lower Upper
97 100
99 66.2 52.2 78.2
61 50.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.372 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

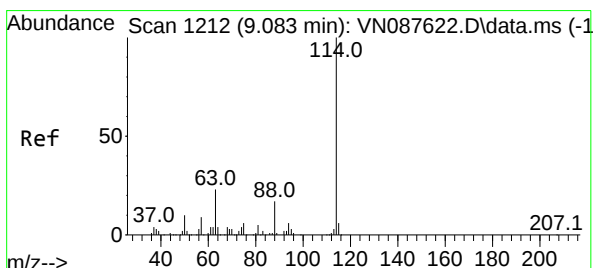
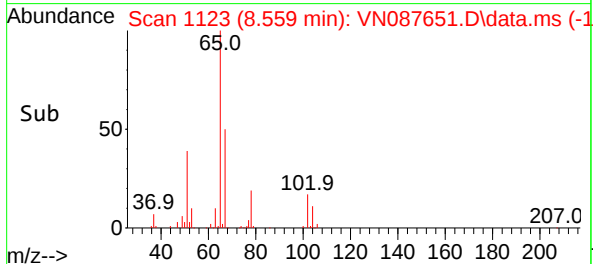
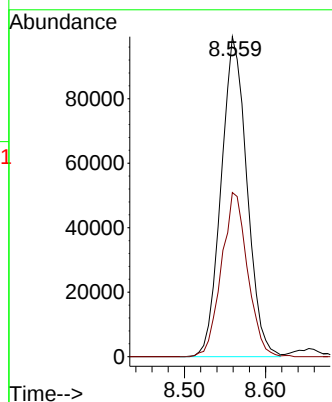
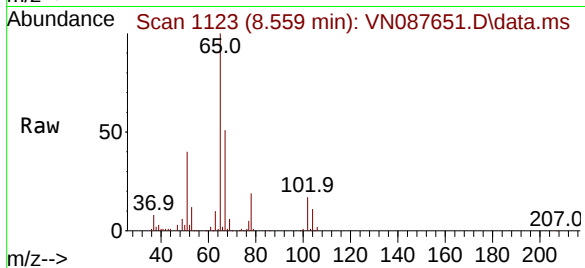
ClientSampleId :

Tgt Ion: 65 Resp: 219291

Ion Ratio Lower Upper

65 100

67 51.8 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: VN087651.D

Acq: 25 Aug 2025 12:56

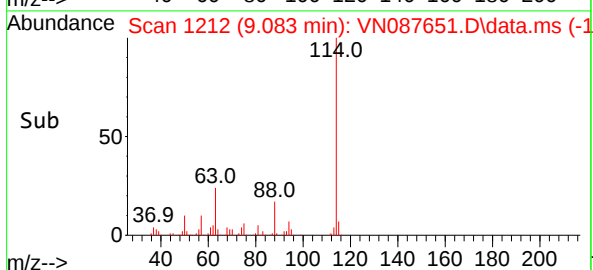
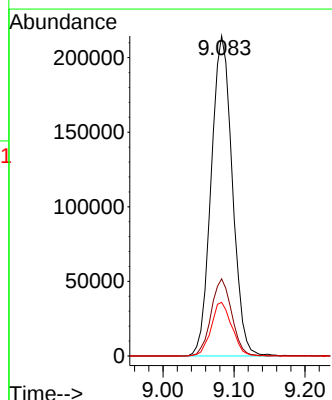
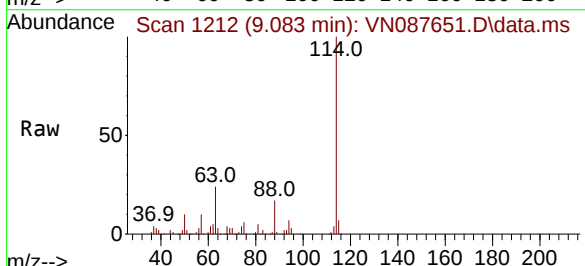
Tgt Ion: 114 Resp: 442728

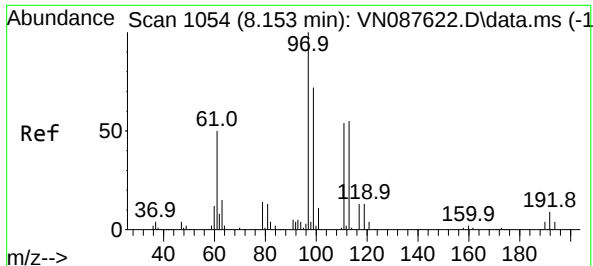
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.847 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

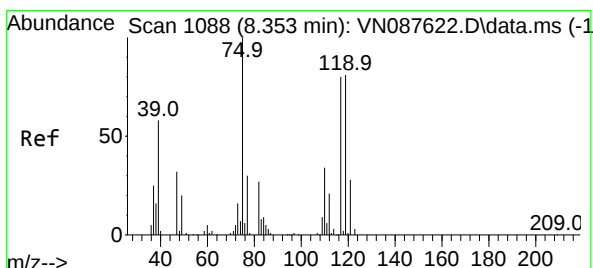
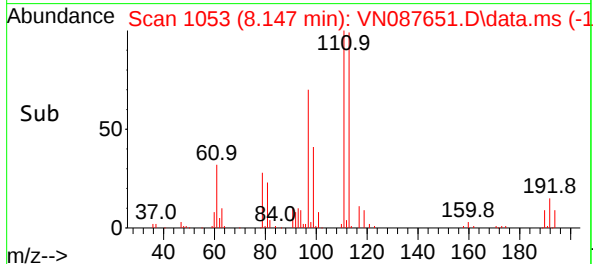
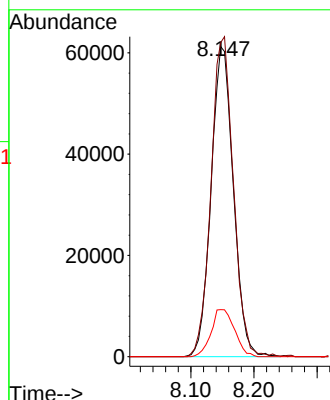
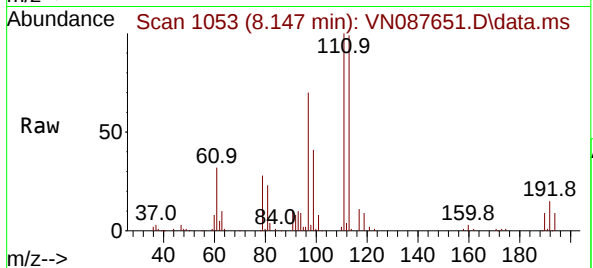
Tgt Ion:113 Resp: 149745

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 16.0 12.8 19.2



#36

1,1-Dichloropropene

Concen: 18.001 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

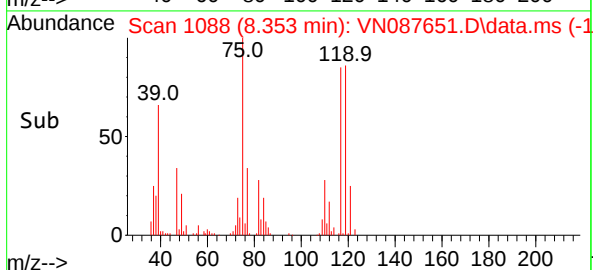
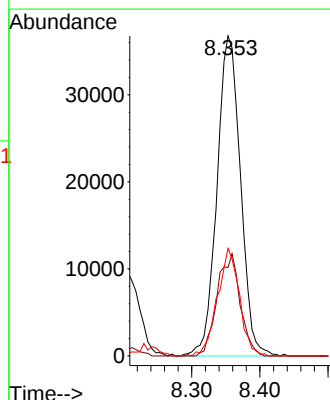
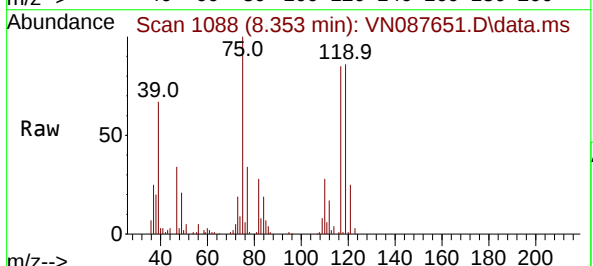
Tgt Ion: 75 Resp: 88273

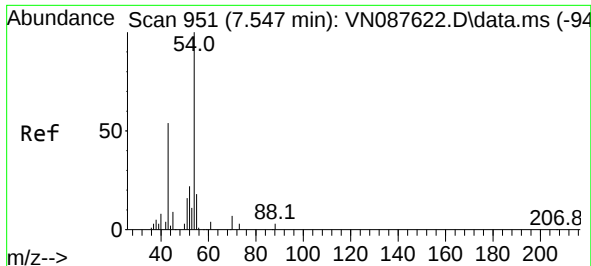
Ion Ratio Lower Upper

75 100

110 31.3 15.9 47.6

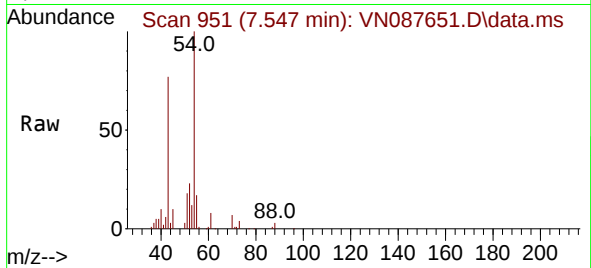
77 31.5 24.4 36.6



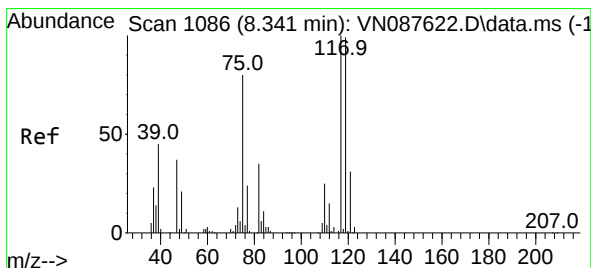
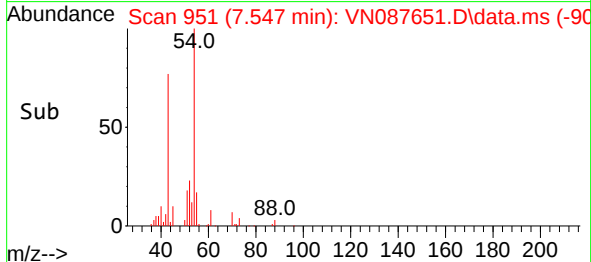
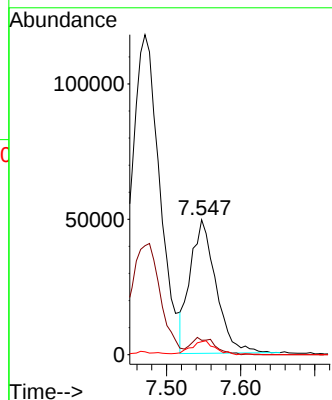


#37
Ethyl Acetate
Concen: 17.766 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :

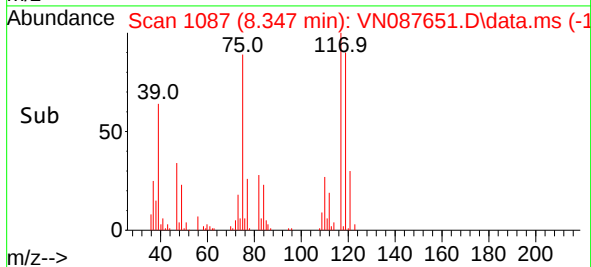
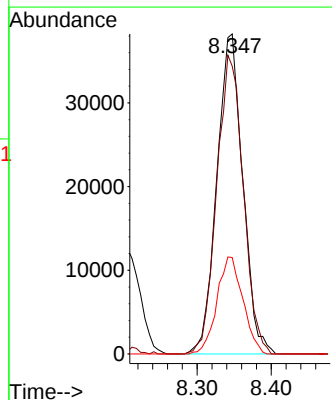
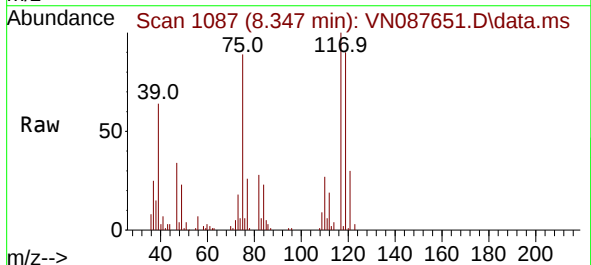


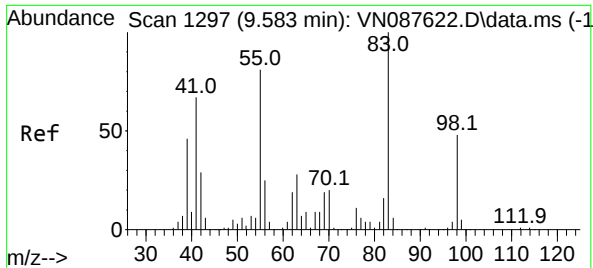
Tgt Ion: 43 Resp: 119052
Ion Ratio Lower Upper
43 100
61 11.9 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.210 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 117 Resp: 93009
Ion Ratio Lower Upper
117 100
119 90.0 79.0 118.6
121 30.2 25.0 37.6

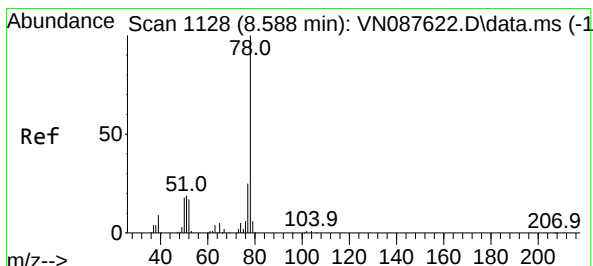
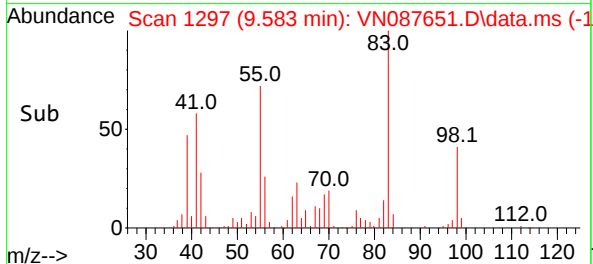
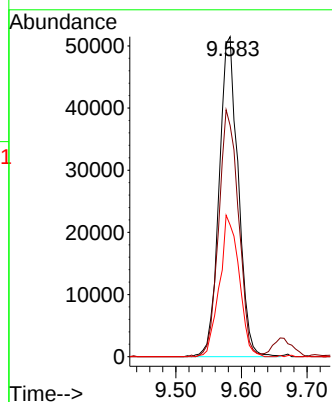
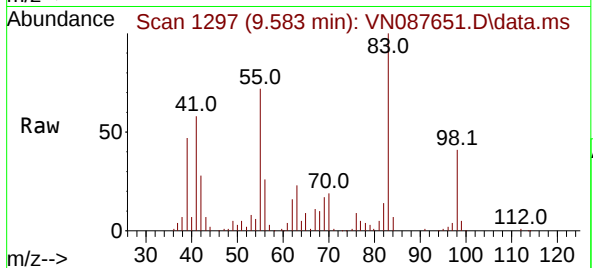




#39
Methylcyclohexane
Concen: 19.191 ug/l
RT: 9.583 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

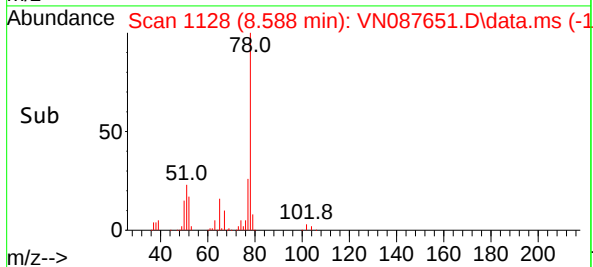
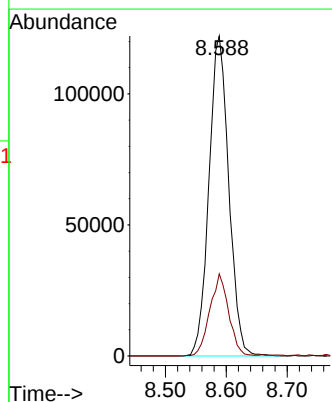
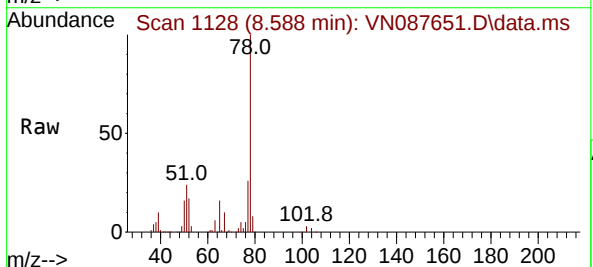
Instrument :
MSVOA_N
ClientSampleId :

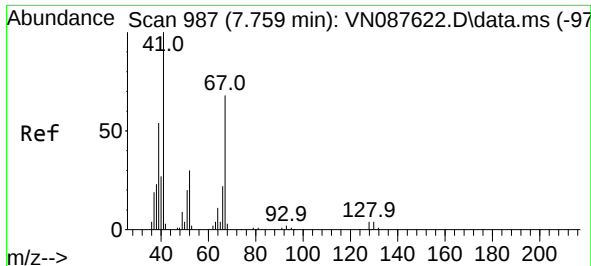
Tgt Ion: 83 Resp: 103607
Ion Ratio Lower Upper
83 100
55 72.3 64.6 96.8
98 41.1 38.4 57.6



#40
Benzene
Concen: 18.356 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

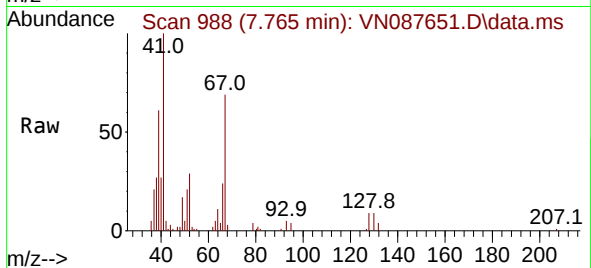
Tgt Ion: 78 Resp: 276094
Ion Ratio Lower Upper
78 100
77 25.7 19.7 29.5



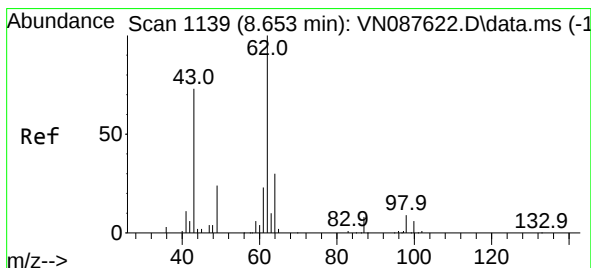
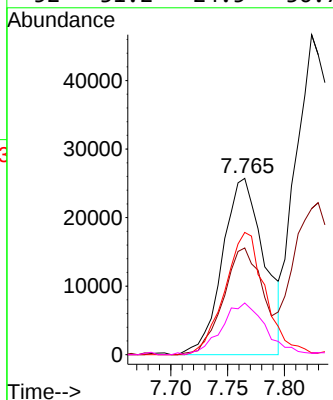
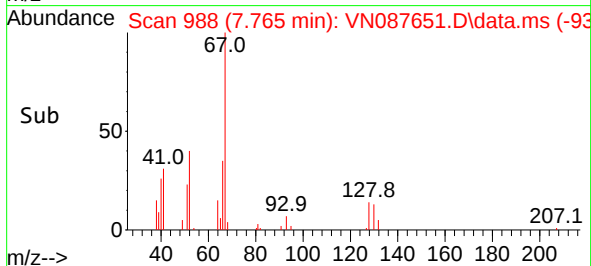


#41
Methacrylonitrile
Concen: 18.907 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :

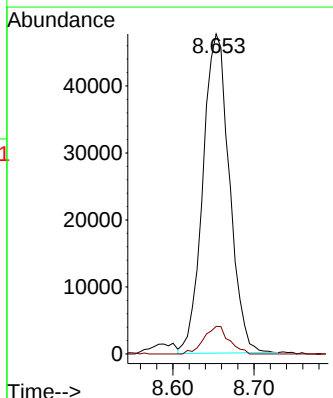
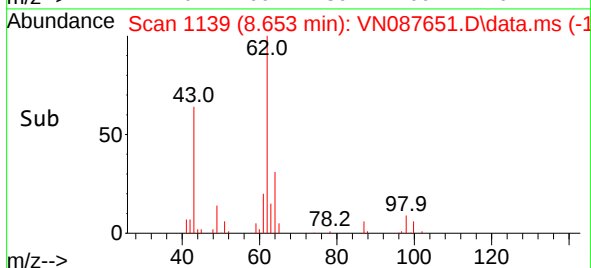
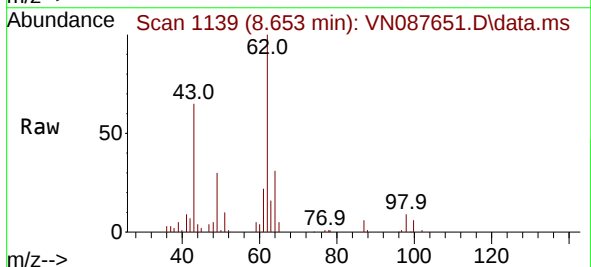


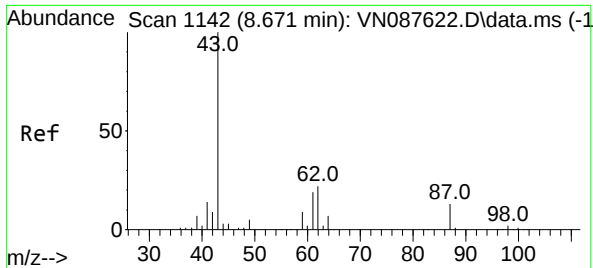
Tgt Ion:	41	Resp:	65630
Ion Ratio	Lower	Upper	
41	100		
39	56.0	45.4	68.0
67	67.2	55.3	82.9
52	31.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.710 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:	62	Resp:	108140
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	17.4

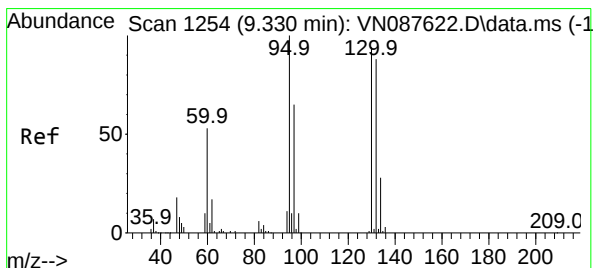
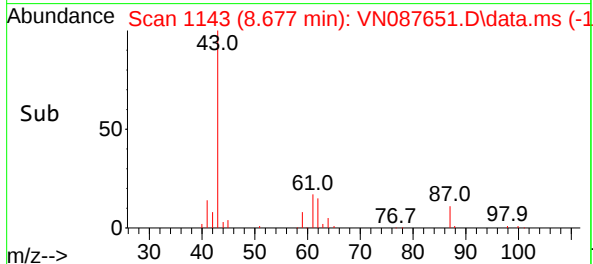
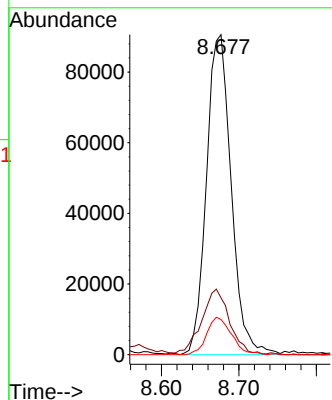
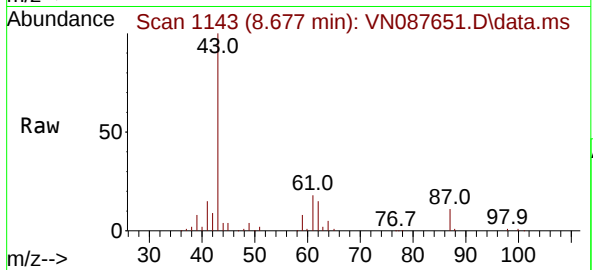




#43
Isopropyl Acetate
Concen: 19.249 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

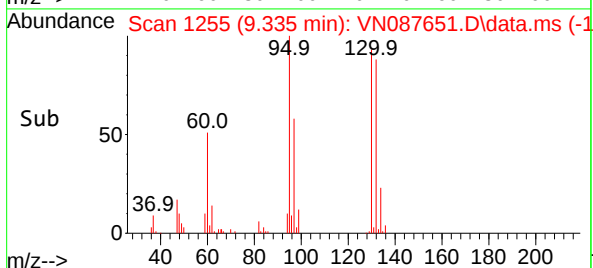
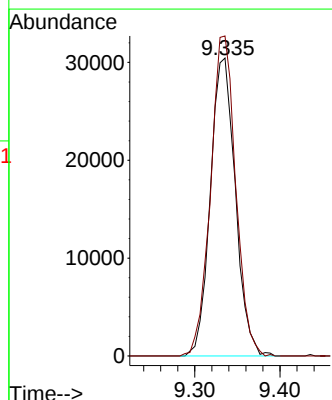
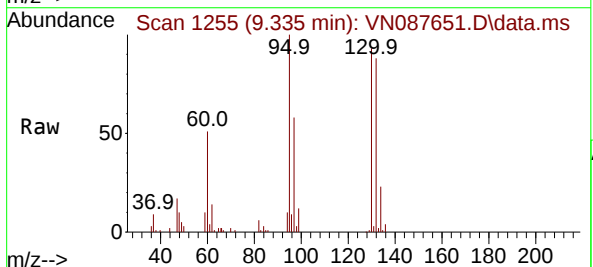
Instrument :
MSVOA_N
ClientSampleId :

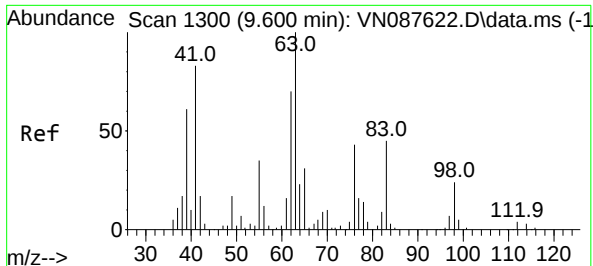
Tgt Ion: 43 Resp: 201379
Ion Ratio Lower Upper
43 100
61 22.6 18.8 28.2
87 11.7 9.6 14.4



#44
Trichloroethene
Concen: 18.096 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:130 Resp: 62140
Ion Ratio Lower Upper
130 100
95 107.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.115 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

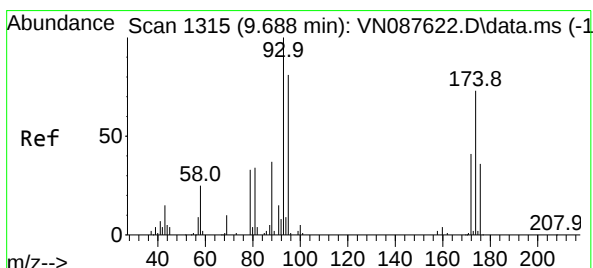
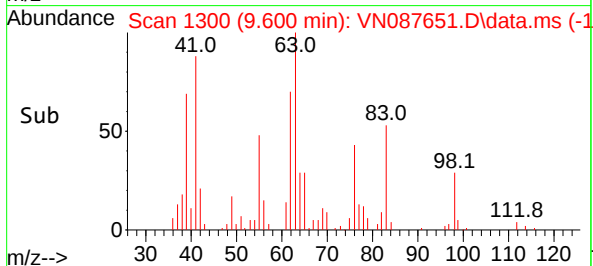
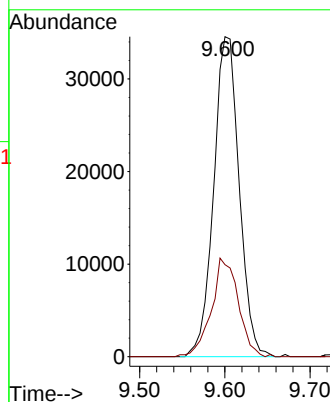
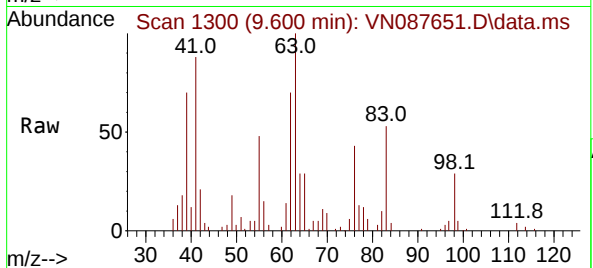
ClientSampleId :

Tgt Ion: 63 Resp: 71817

Ion Ratio Lower Upper

63 100

65 28.8 25.0 37.4



#46

Dibromomethane

Concen: 18.738 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

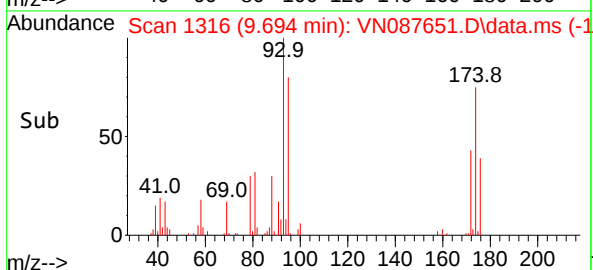
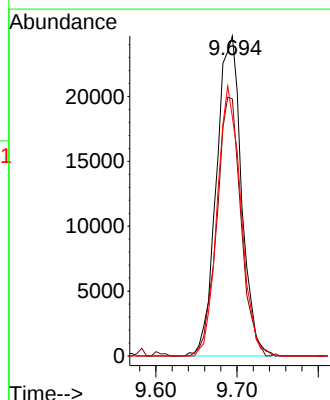
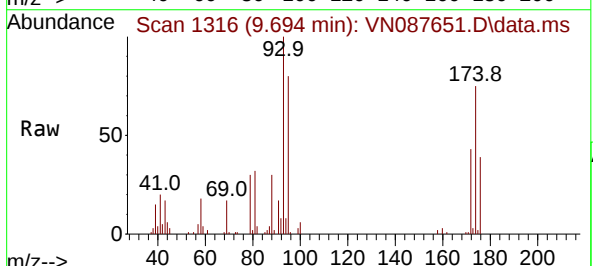
Tgt Ion: 93 Resp: 52865

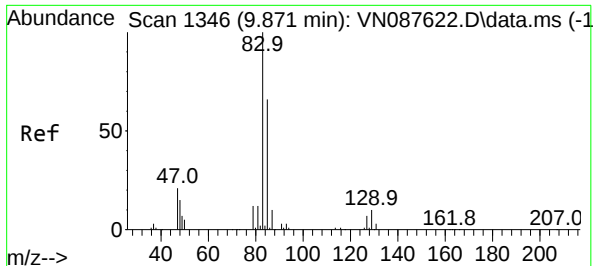
Ion Ratio Lower Upper

93 100

95 78.0 66.2 99.4

174 79.6 63.4 95.2

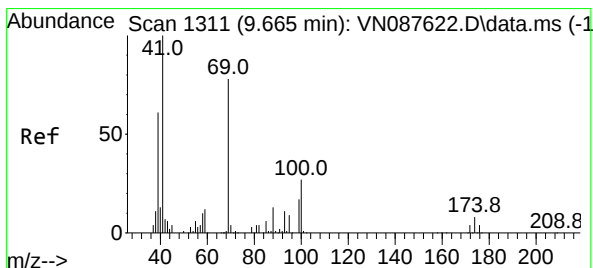
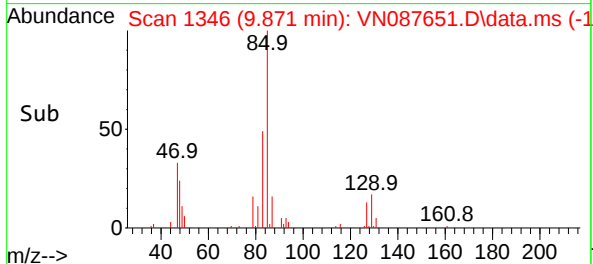
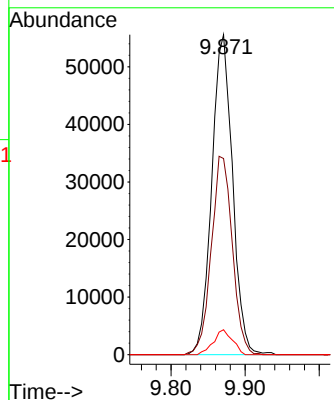
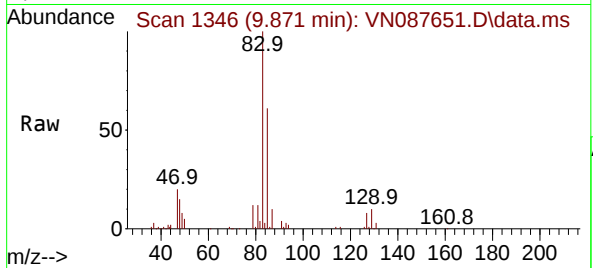




#47
Bromodichloromethane
Concen: 18.699 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

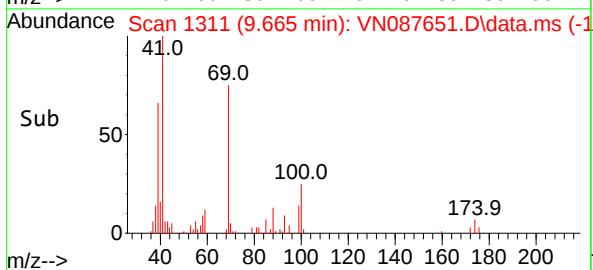
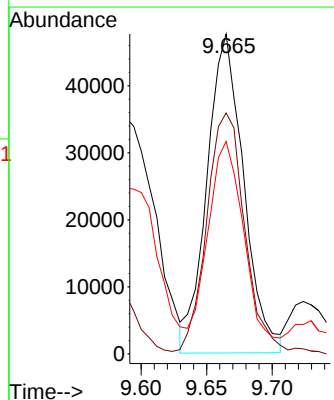
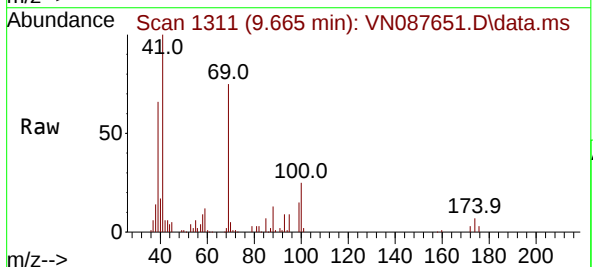
Instrument :
MSVOA_N
ClientSampleId :

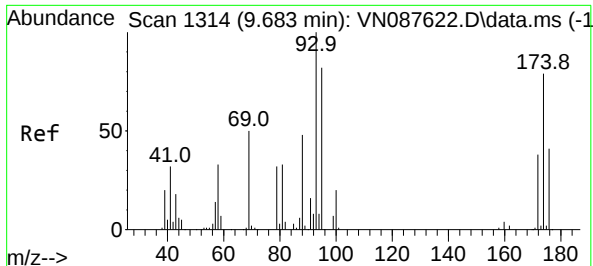
Tgt Ion: 83 Resp: 108120
Ion Ratio Lower Upper
83 100
85 61.3 52.5 78.7
127 7.8 5.8 8.6



#48
Methyl methacrylate
Concen: 18.714 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 41 Resp: 92608
Ion Ratio Lower Upper
41 100
69 79.4 62.7 94.1
39 66.3 52.9 79.3





#49

1,4-Dioxane

Concen: 394.309 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

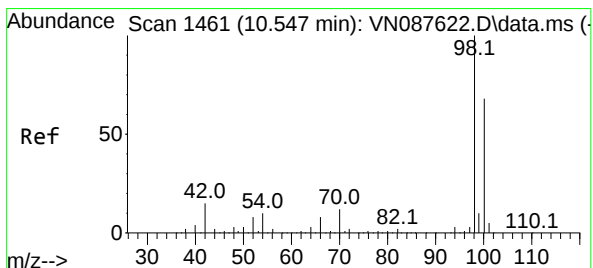
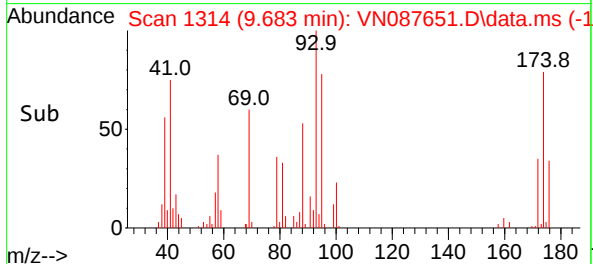
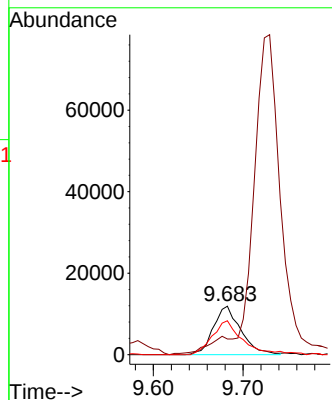
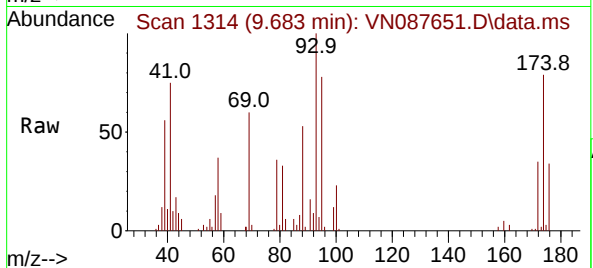
Tgt Ion: 88 Resp: 25291

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 77.8 57.9 86.9



#50

Toluene-d8

Concen: 46.223 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087651.D

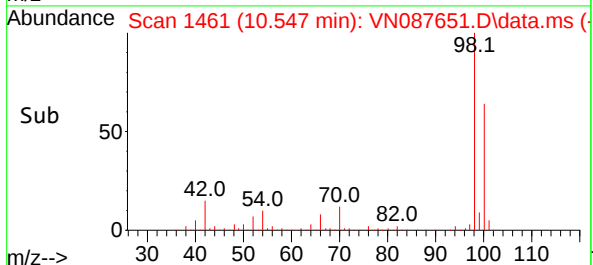
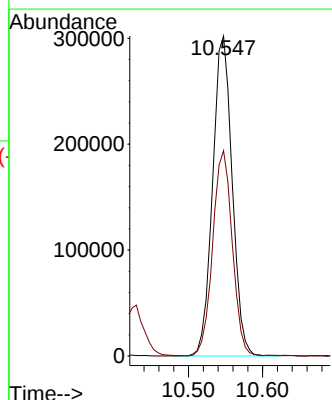
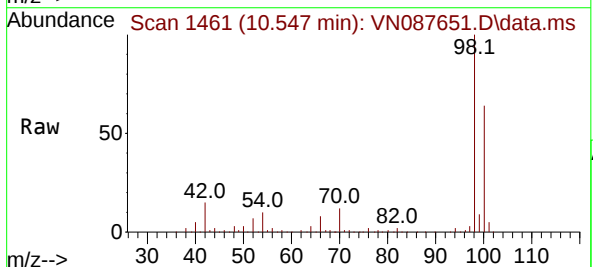
Acq: 25 Aug 2025 12:56

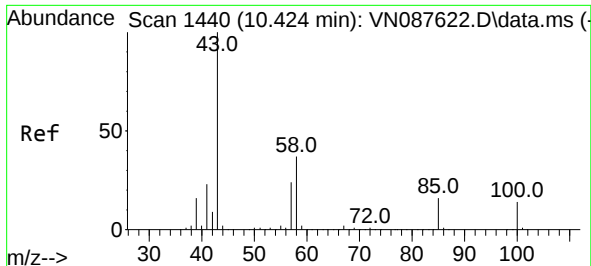
Tgt Ion: 98 Resp: 553011

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 97.953 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

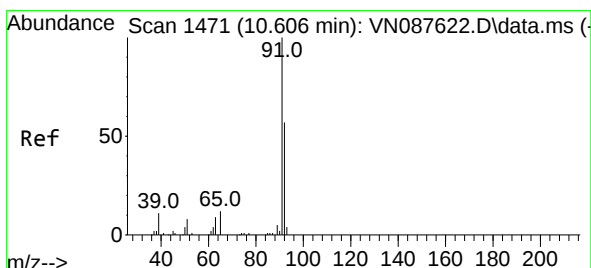
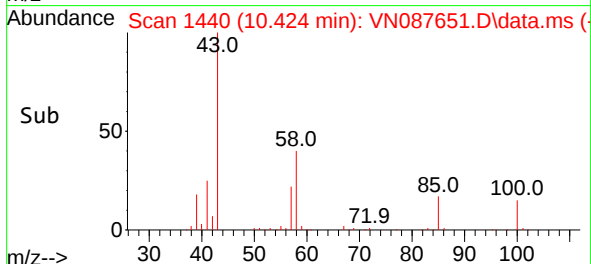
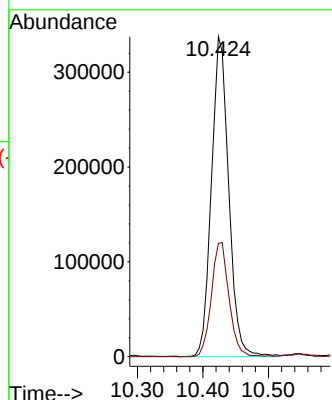
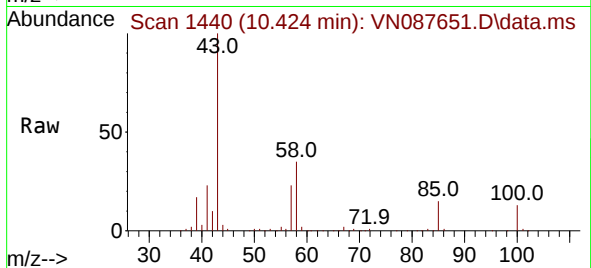
ClientSampleId :

Tgt Ion: 43 Resp: 618294

Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4



#52

Toluene

Concen: 18.258 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VN087651.D

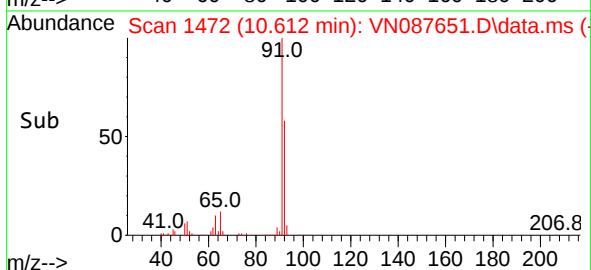
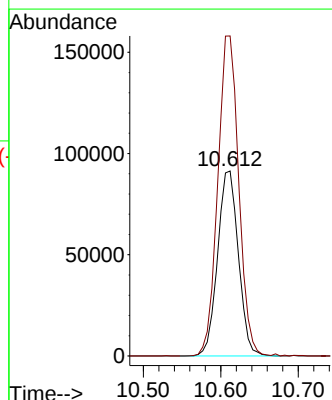
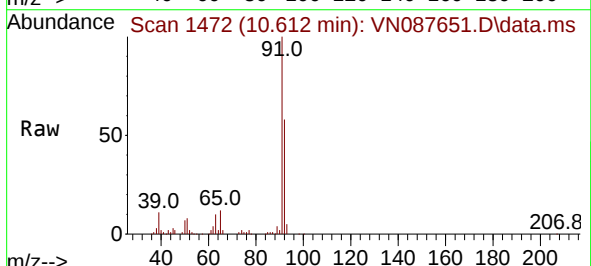
Acq: 25 Aug 2025 12:56

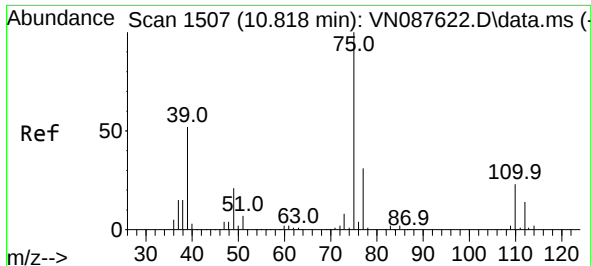
Tgt Ion: 92 Resp: 170243

Ion Ratio Lower Upper

92 100

91 174.3 140.4 210.6

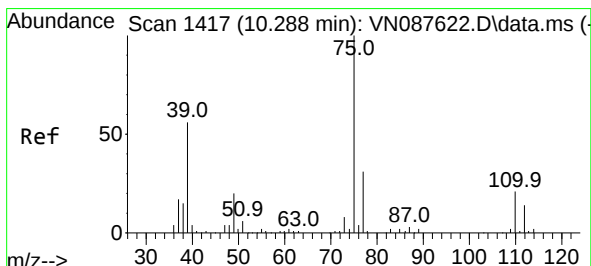
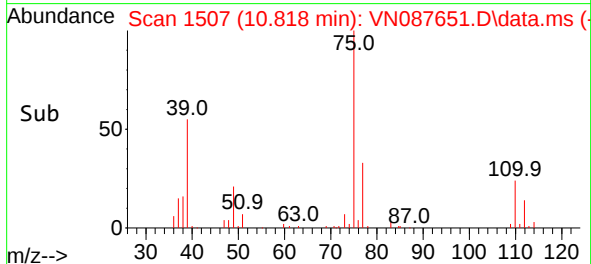
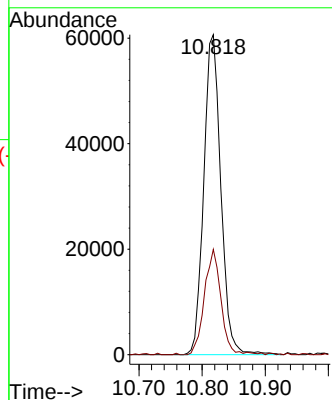
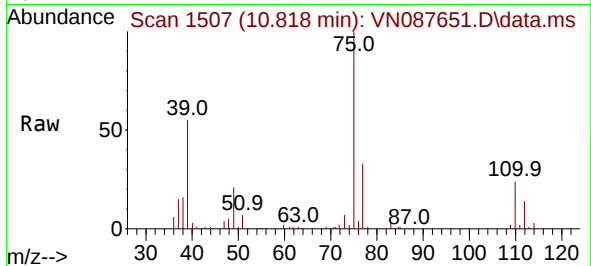




#53
 t-1,3-Dichloropropene
 Concen: 19.018 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

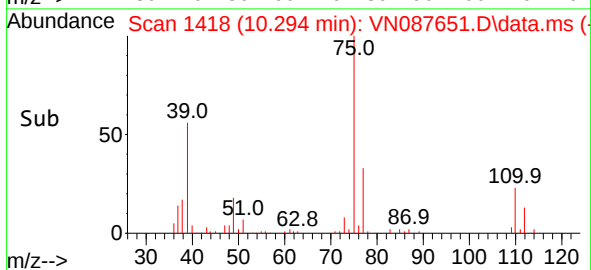
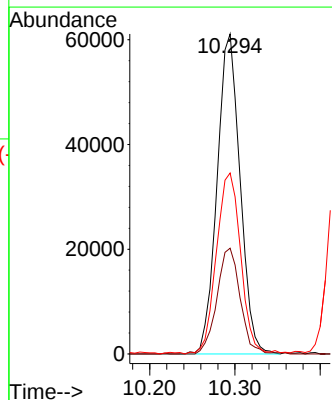
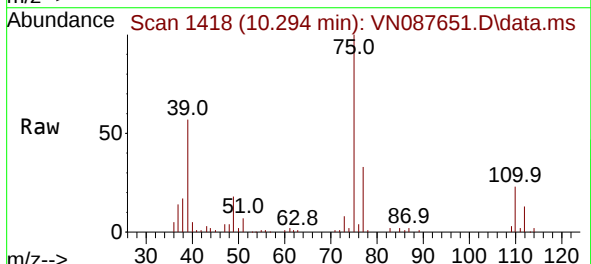
Instrument :
 MSVOA_N
 ClientSampleId :

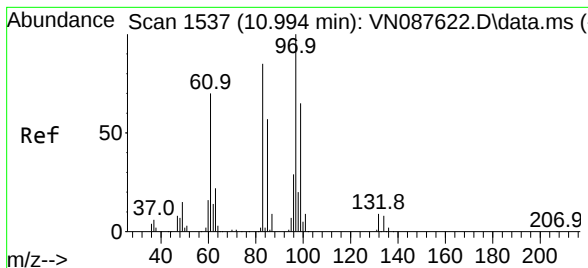
Tgt Ion: 75 Resp: 113820
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.407 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

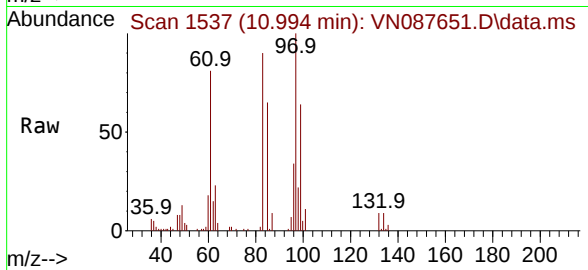
Tgt Ion: 75 Resp: 114391
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.6 37.0
 39 56.1 45.2 67.8



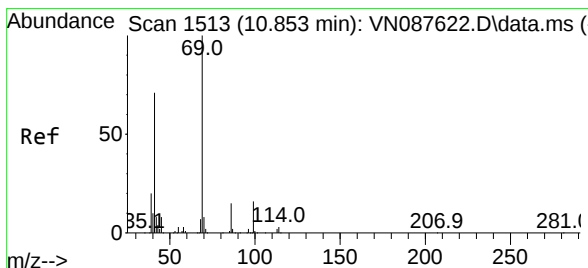
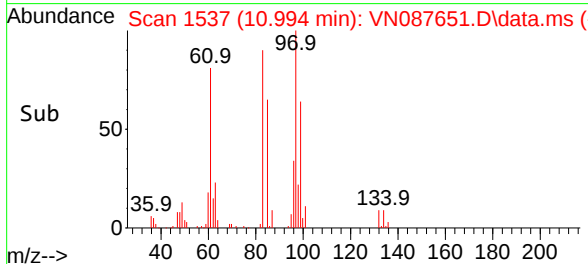
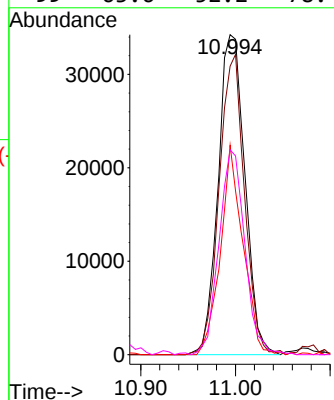


#55
 1,1,2-Trichloroethane
 Concen: 18.677 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :

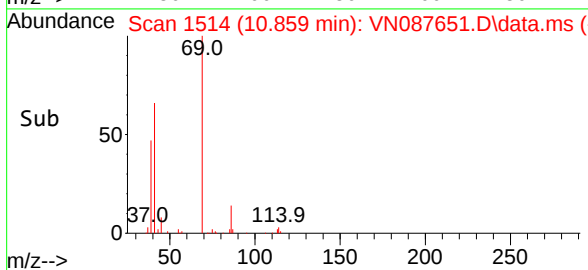
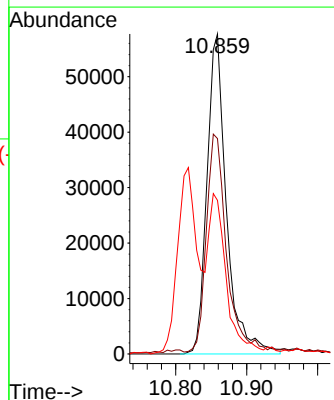
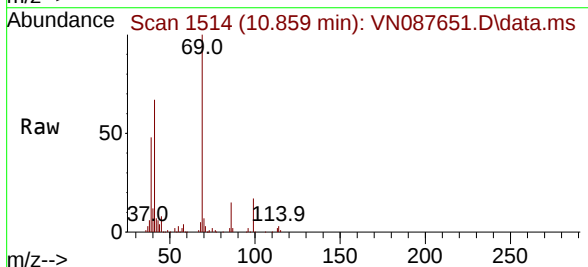


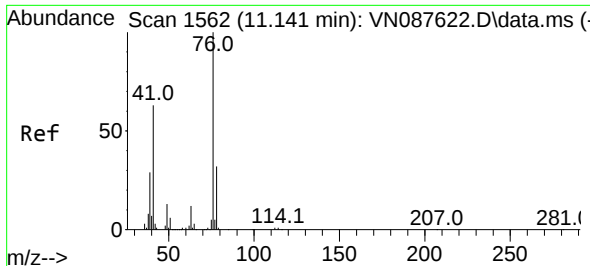
Tgt Ion:	97	Resp:	67370
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.2	102.4
85	65.5	45.5	68.3
99	63.6	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 19.100 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Tgt Ion:	69	Resp:	110105
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.5	84.7
39	42.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.625 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

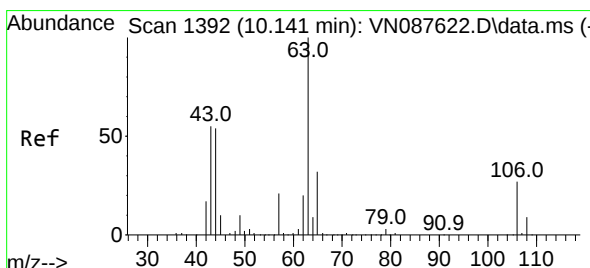
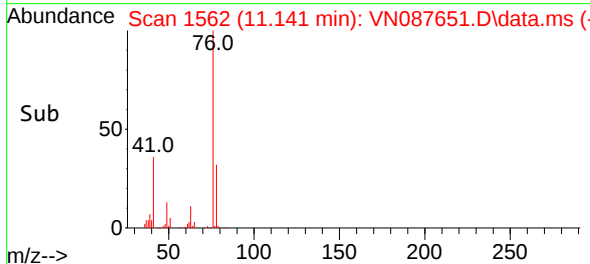
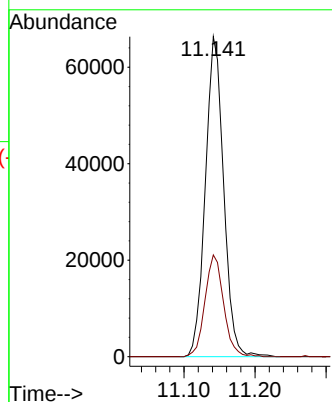
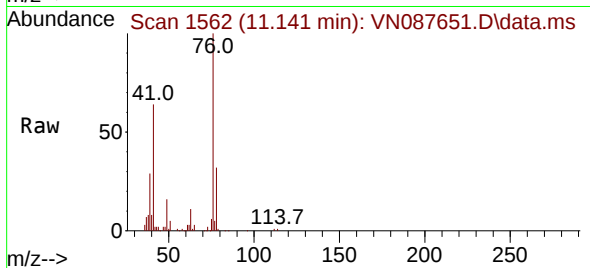
ClientSampleId :

Tgt Ion: 76 Resp: 118896

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.067 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087651.D

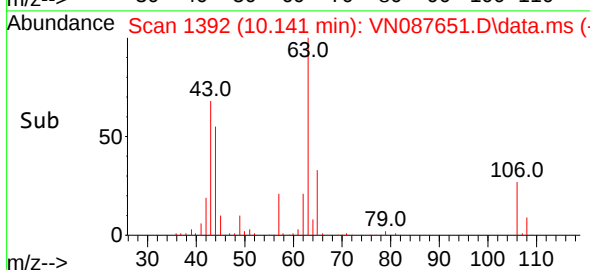
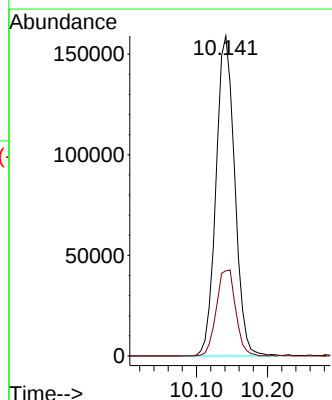
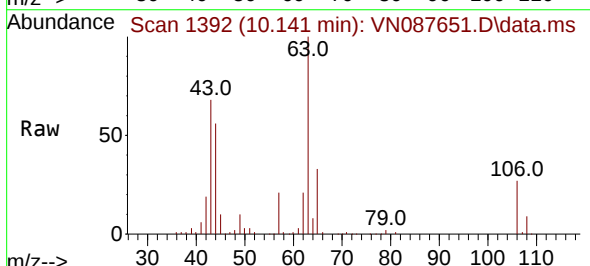
Acq: 25 Aug 2025 12:56

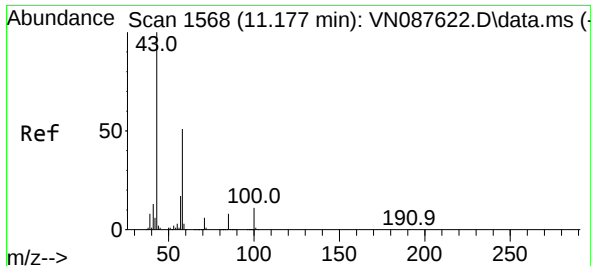
Tgt Ion: 63 Resp: 290377

Ion Ratio Lower Upper

63 100

106 27.8 21.1 31.7

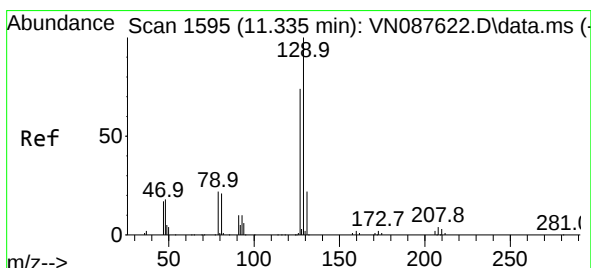
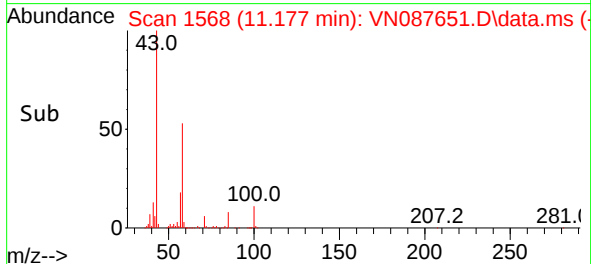
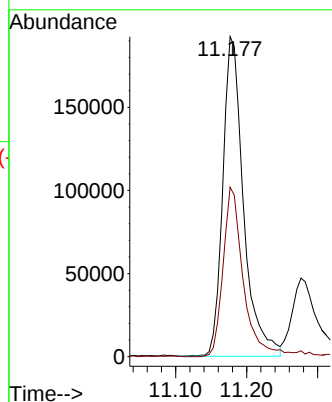
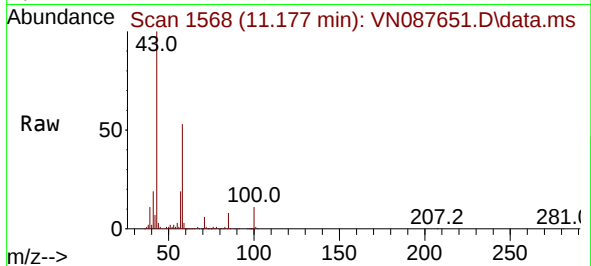




#59
2-Hexanone
Concen: 97.425 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

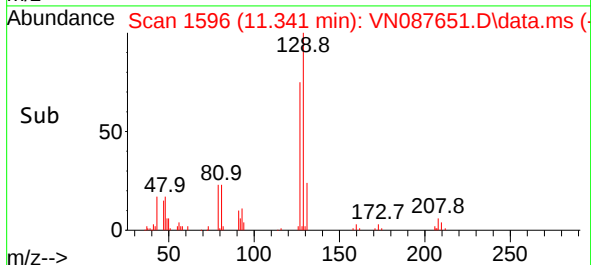
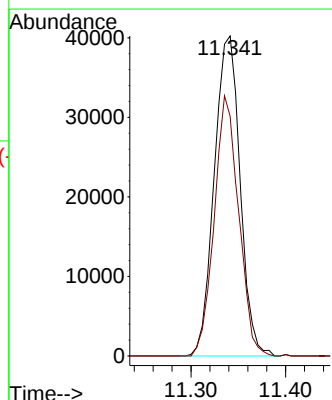
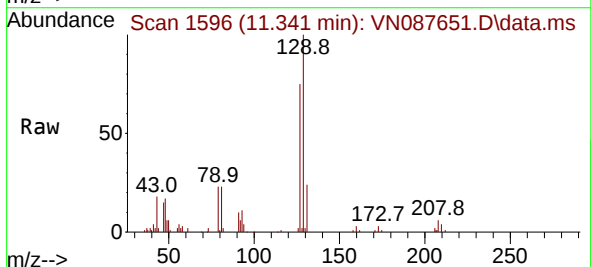
Instrument :
MSVOA_N
ClientSampleId :

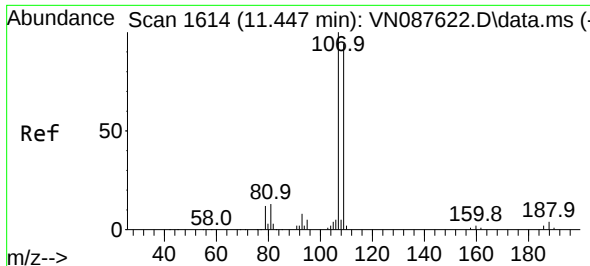
Tgt Ion: 43 Resp: 388655
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 18.247 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 129 Resp: 76263
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

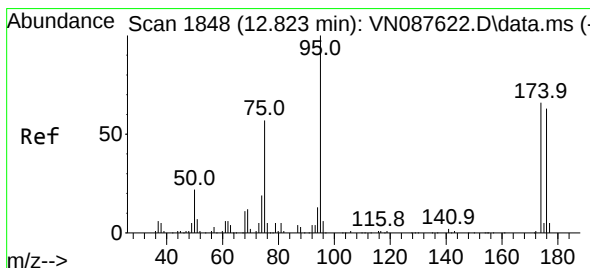
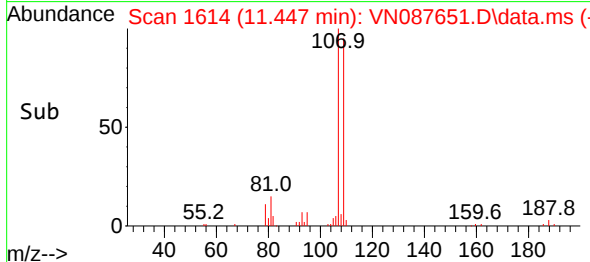
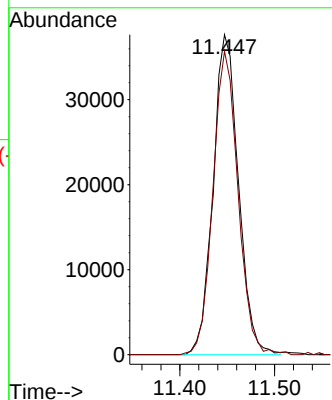
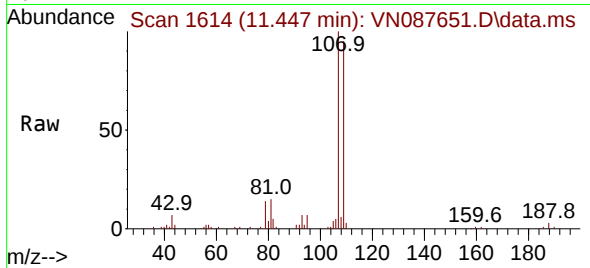




#61
1,2-Dibromoethane
Concen: 18.382 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

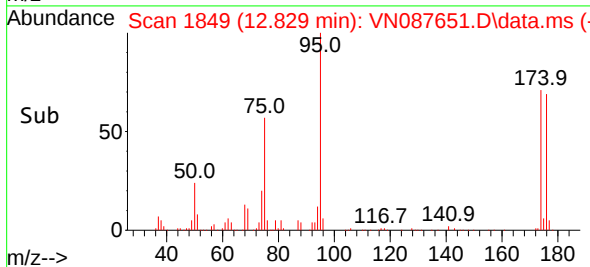
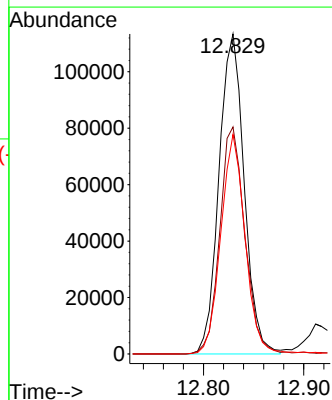
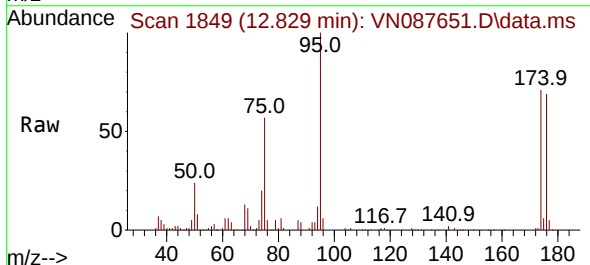
Instrument :
MSVOA_N
ClientSampleId :

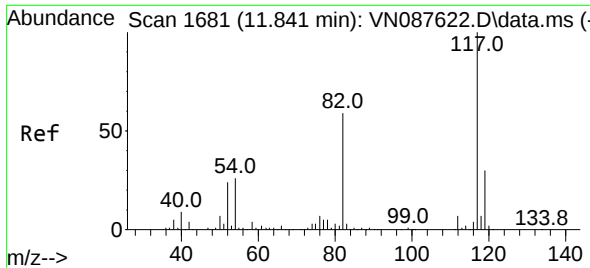
Tgt Ion:107 Resp: 69915
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.371 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 95 Resp: 197297
Ion Ratio Lower Upper
95 100
174 70.7 0.0 138.4
176 66.7 0.0 132.6

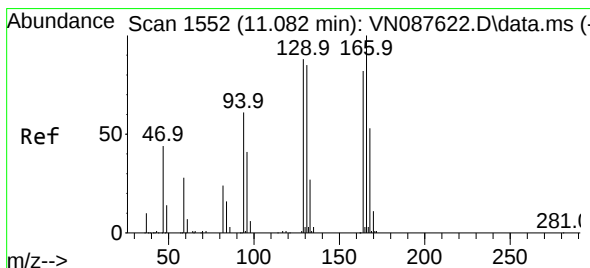
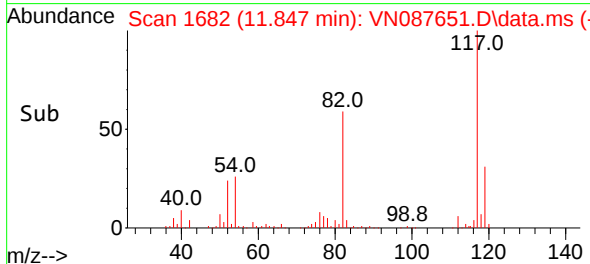
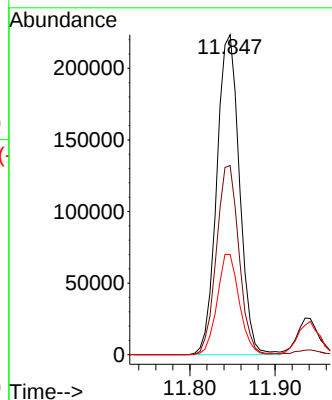
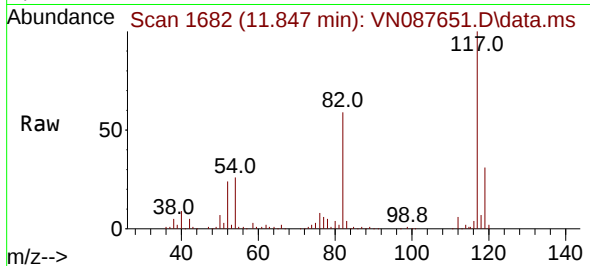




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

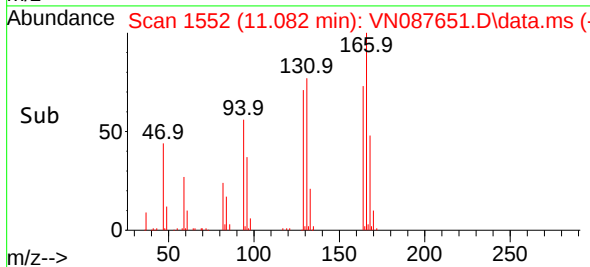
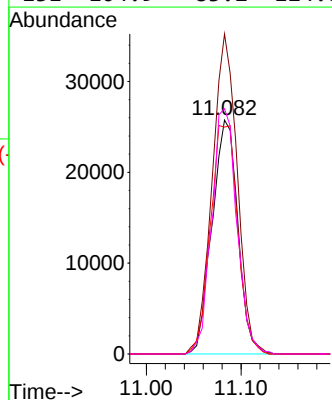
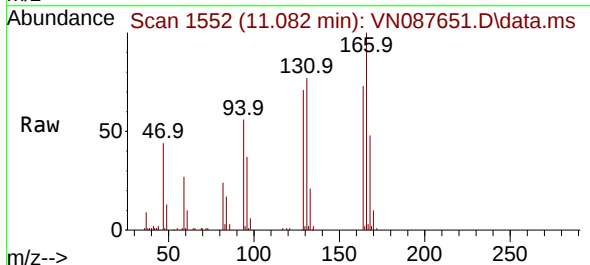
Instrument :
MSVOA_N
ClientSampleId :

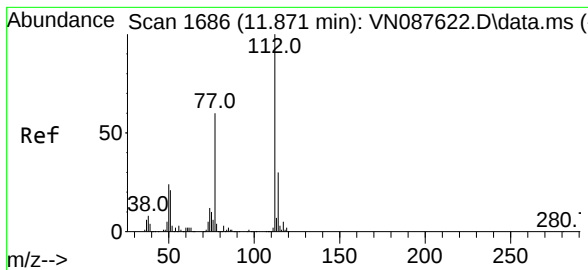
Tgt Ion:117 Resp: 414378
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.3 24.3 36.5



#64
Tetrachloroethene
Concen: 16.898 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:164 Resp: 48580
Ion Ratio Lower Upper
164 100
166 136.8 97.7 146.5
129 97.0 85.9 128.9
131 104.9 83.2 124.8

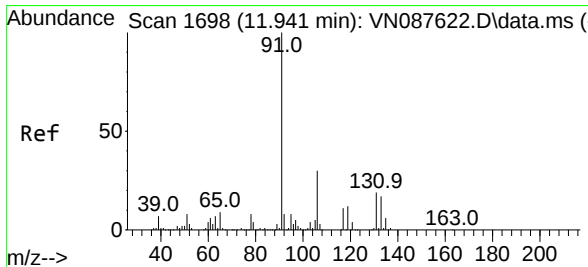
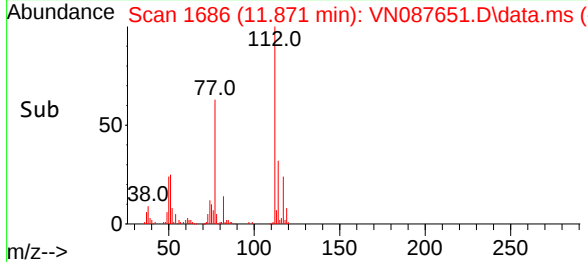
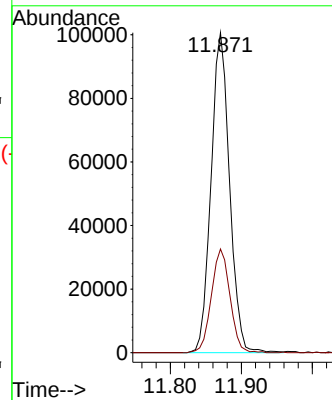
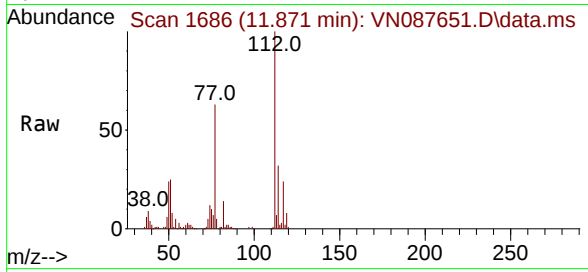




#65
Chlorobenzene
Concen: 17.694 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

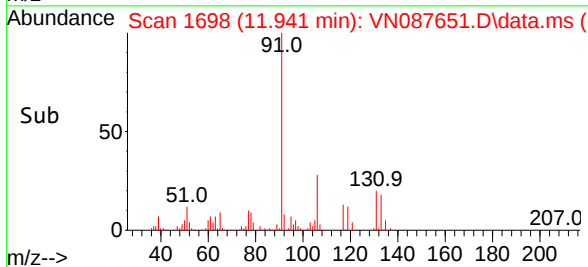
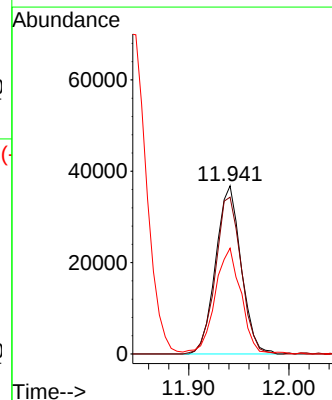
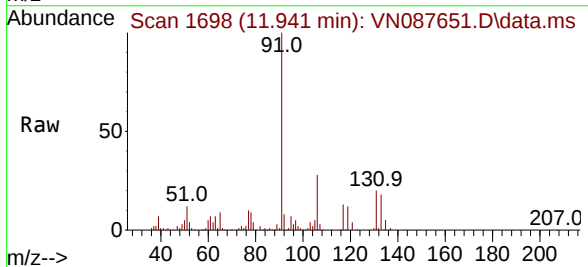
Instrument :
MSVOA_N
ClientSampleId :

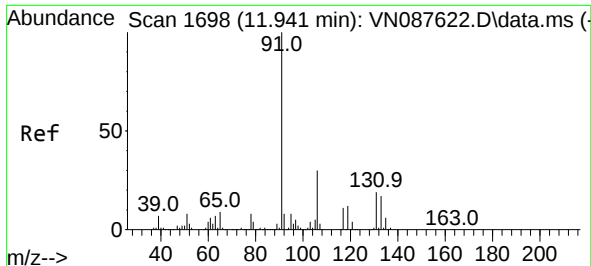
Tgt Ion:112 Resp: 182410
Ion Ratio Lower Upper
112 100
114 32.4 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.965 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:131 Resp: 64906
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 64.7 32.6 97.7

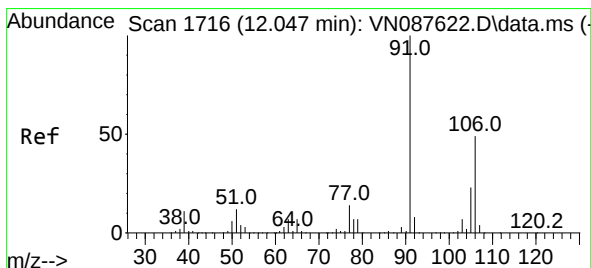
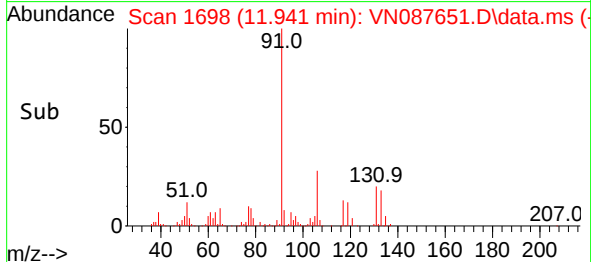
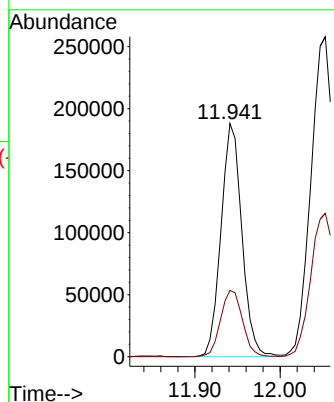
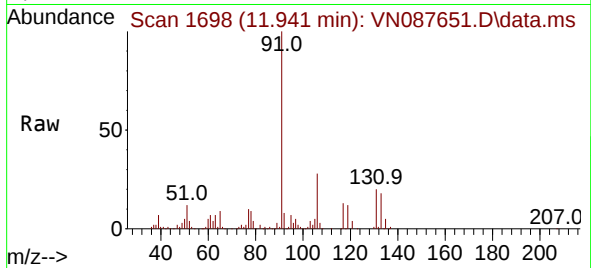




#67
Ethyl Benzene
Concen: 17.964 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

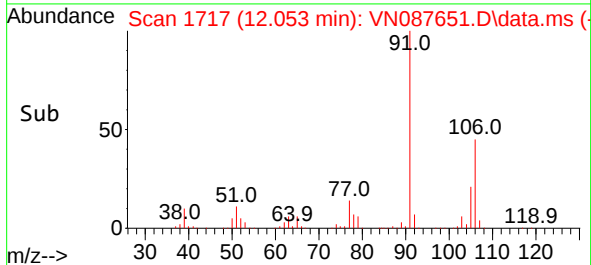
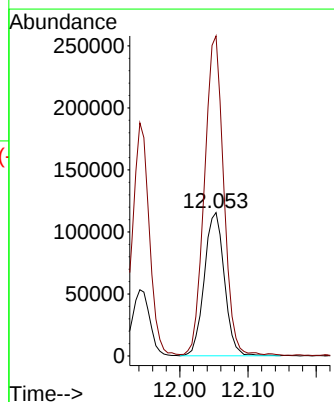
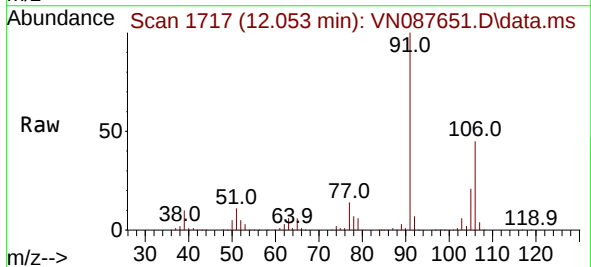
Instrument :
MSVOA_N
ClientSampleId :

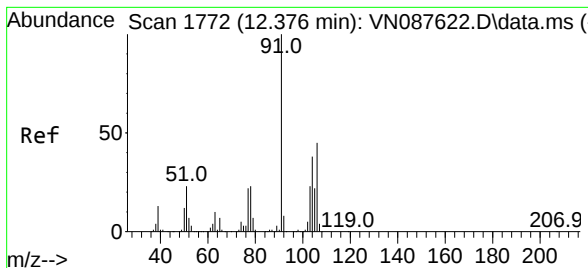
Tgt Ion: 91 Resp: 320645
Ion Ratio Lower Upper
91 100
106 28.4 24.1 36.1



#68
m/p-Xylenes
Concen: 36.111 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 106 Resp: 236389
Ion Ratio Lower Upper
106 100
91 212.3 169.3 253.9

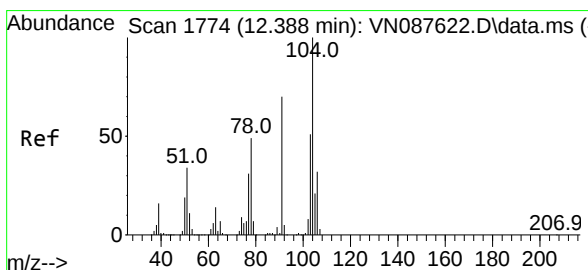
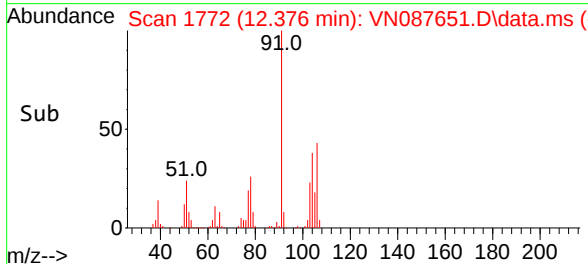
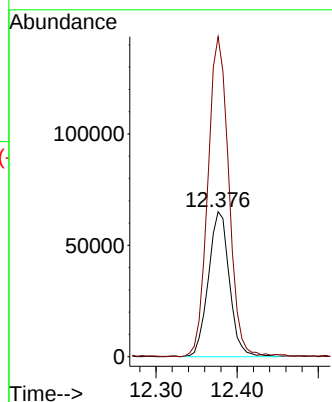
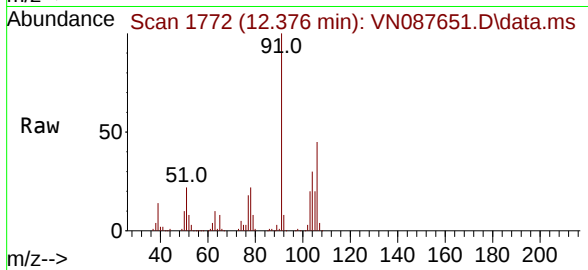




#69
o-Xylene
Concen: 18.249 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

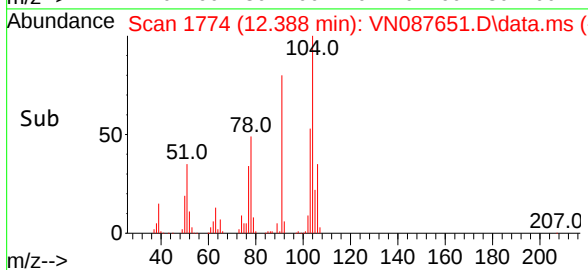
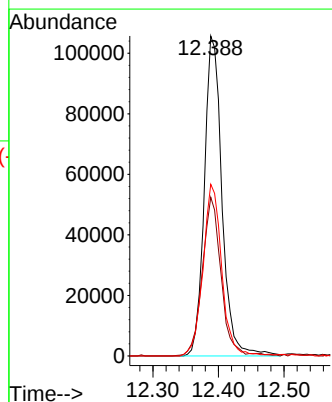
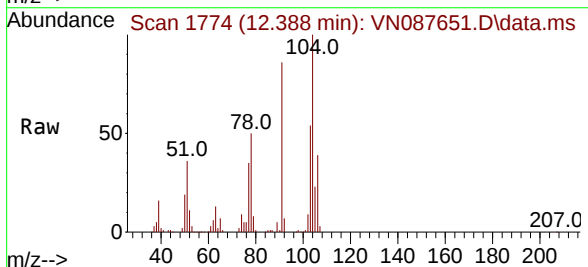
Instrument :
MSVOA_N
ClientSampleId :

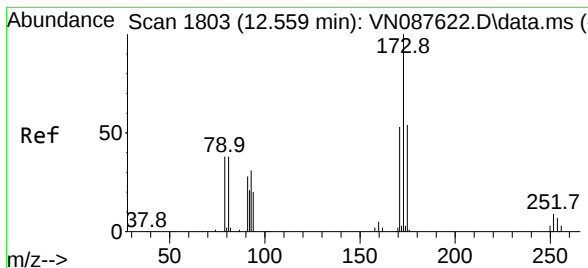
Tgt Ion:106 Resp: 117070
Ion Ratio Lower Upper
106 100
91 220.7 111.4 334.2



#70
Styrene
Concen: 18.485 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:104 Resp: 198670
Ion Ratio Lower Upper
104 100
78 52.0 42.2 63.2
103 56.6 43.4 65.2





#71

Bromoform

Concen: 18.363 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087651.D

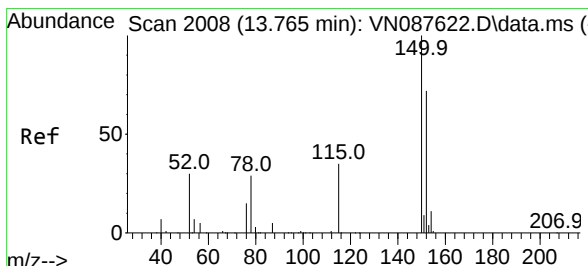
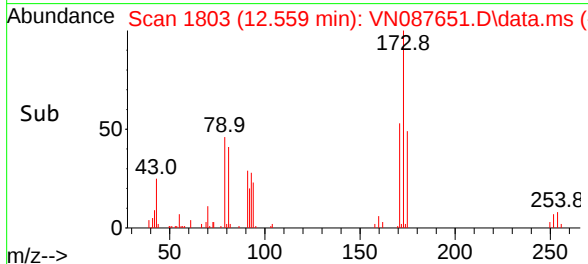
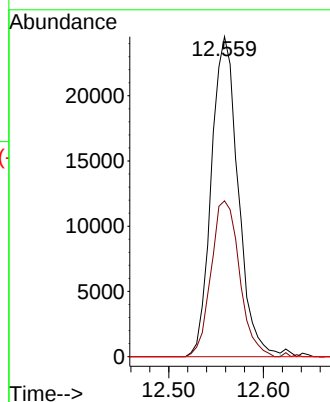
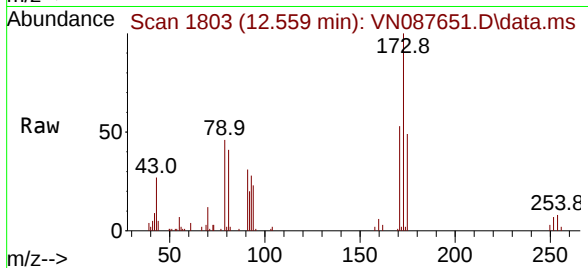
Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	48199
Ion Ratio	Lower	Upper
173	100	
175	51.6	24.9 74.6
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

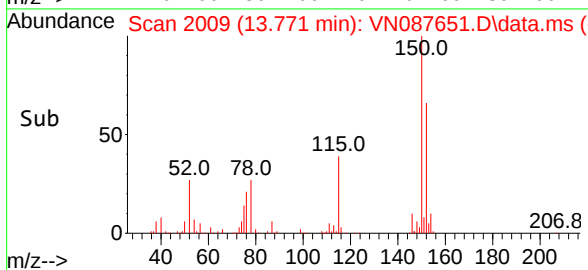
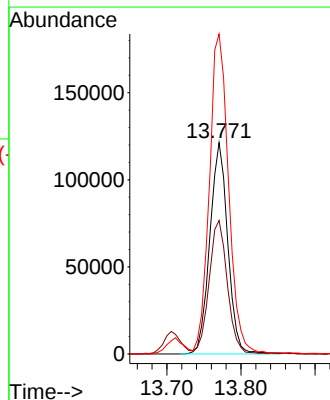
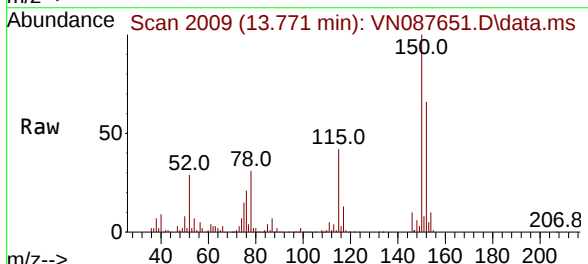
RT: 13.771 min Scan# 2009

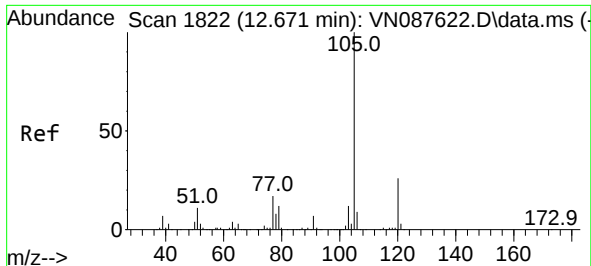
Delta R.T. 0.006 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Tgt Ion:152	Resp:	204092
Ion Ratio	Lower	Upper
152	100	
115	64.0	32.3 96.8
150	161.3	0.0 351.0

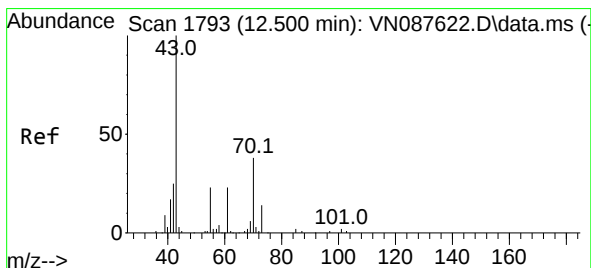
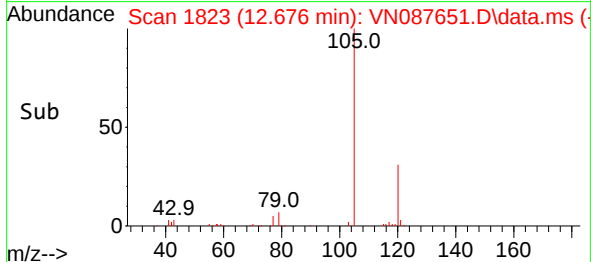
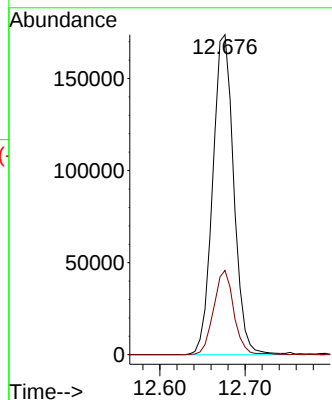
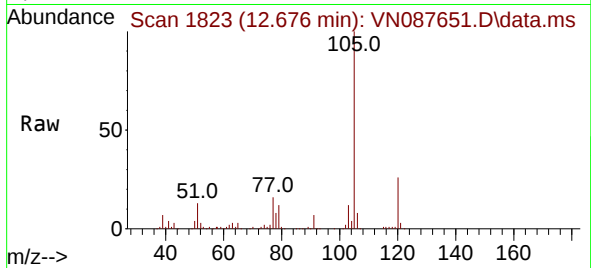




#73
Isopropylbenzene
Concen: 18.062 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

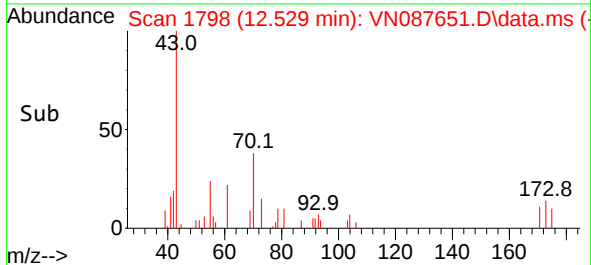
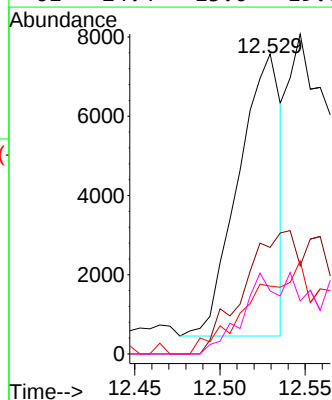
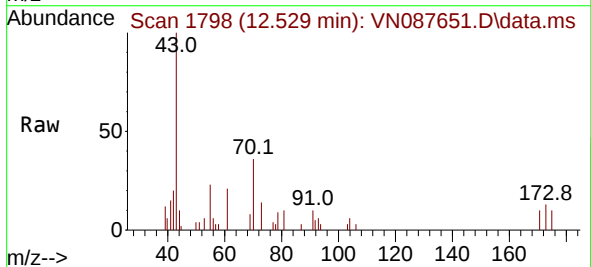
Instrument :
MSVOA_N
ClientSampleId :

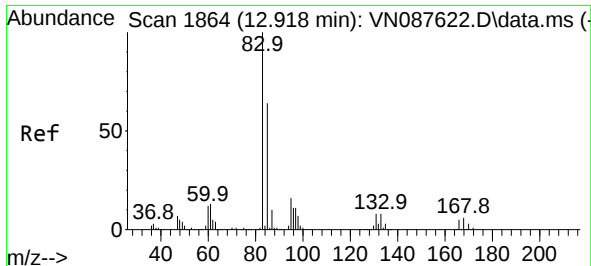
Tgt Ion:105 Resp: 297882
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3



#74
N-ethyl acetate
Concen: 1.975 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 43 Resp: 12346
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 24.4 13.0 19.6#

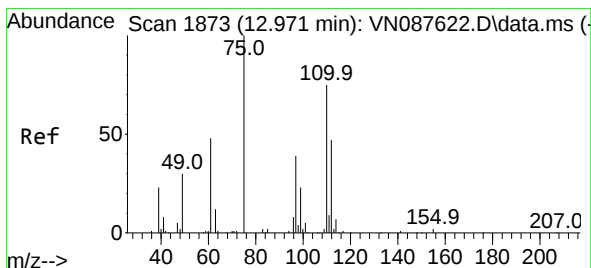
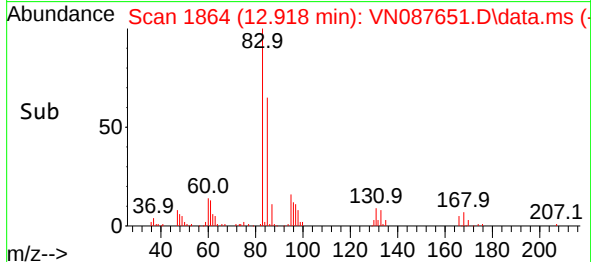
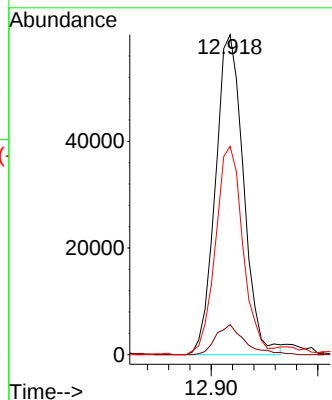
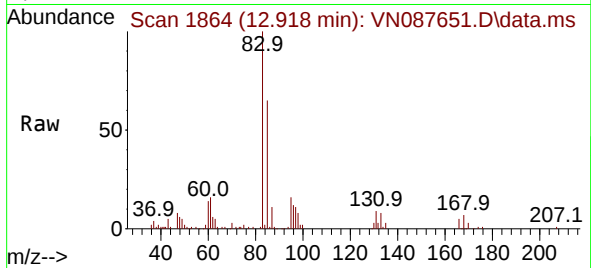




#75
1,1,2,2-Tetrachloroethane
Concen: 19.327 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

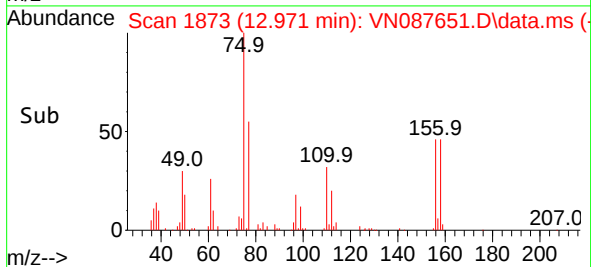
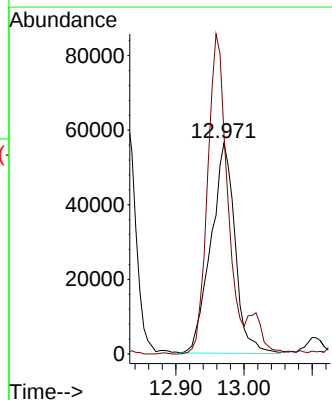
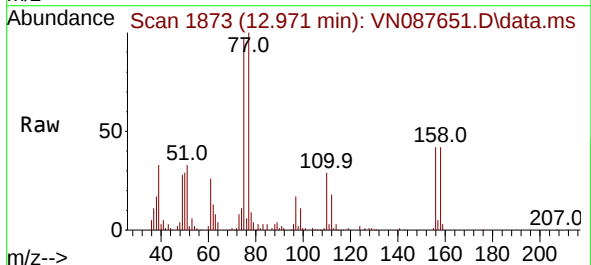
Instrument :
MSVOA_N
ClientSampleId :

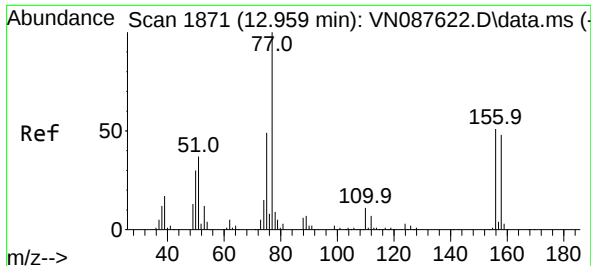
Tgt Ion:	83	Resp:	109740
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	63.8	32.1	96.3



#76
1,2,3-Trichloropropane
Concen: 29.015 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:	75	Resp:	138869
Ion	Ratio	Lower	Upper
75	100		
77	124.4	89.1	267.4

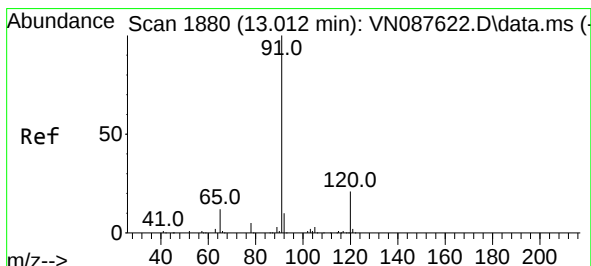
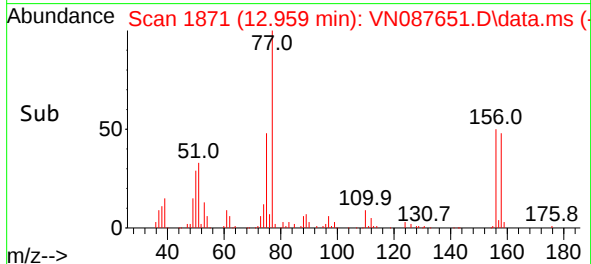
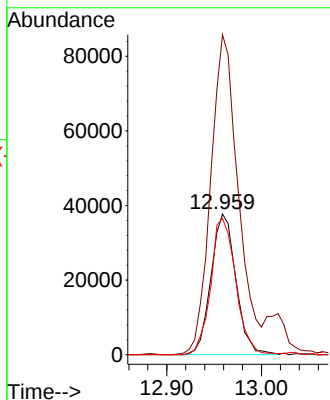
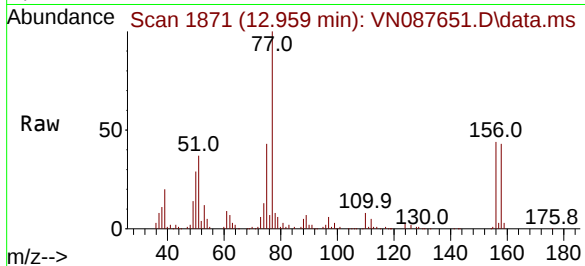




#77
Bromobenzene
Concen: 17.730 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

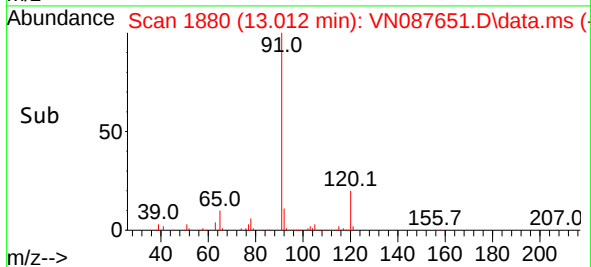
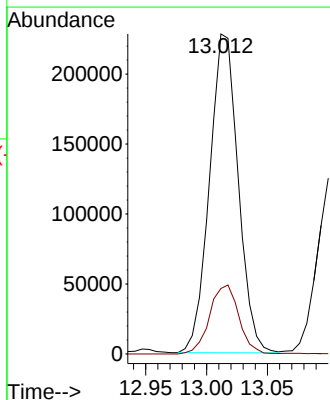
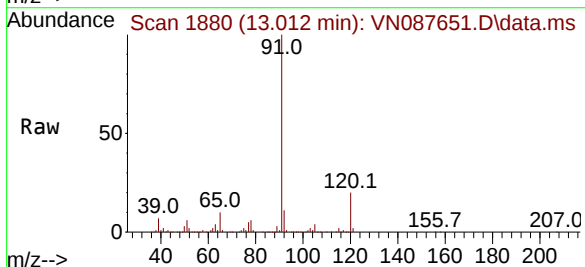
Instrument :
MSVOA_N
ClientSampleId :

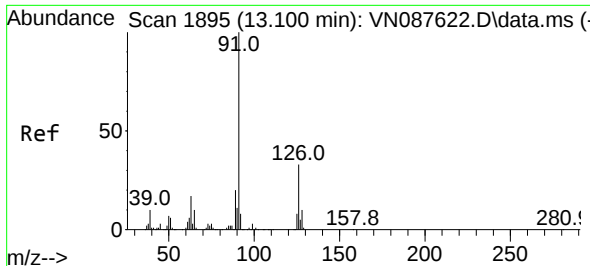
Tgt Ion:156 Resp: 68944
Ion Ratio Lower Upper
156 100
77 250.5 119.3 358.0
158 97.4 48.2 144.6



#78
n-propylbenzene
Concen: 18.412 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 91 Resp: 374025
Ion Ratio Lower Upper
91 100
120 22.0 10.7 32.1

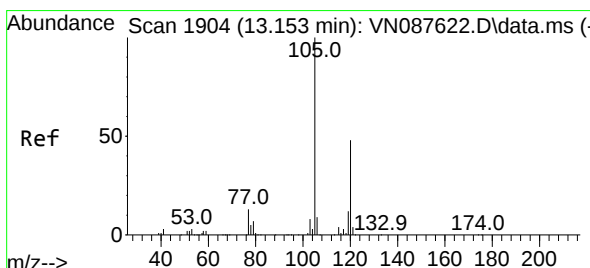
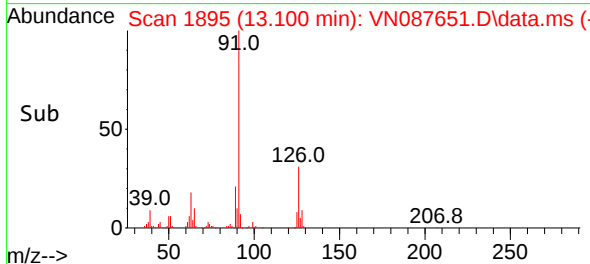
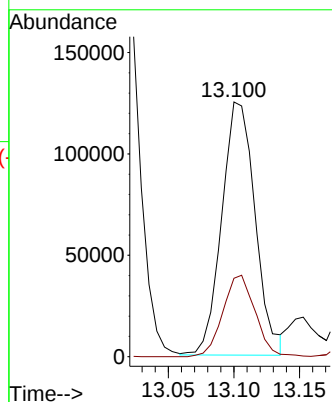
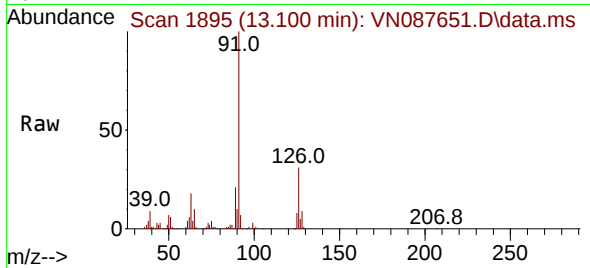




#79
2-Chlorotoluene
Concen: 18.106 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

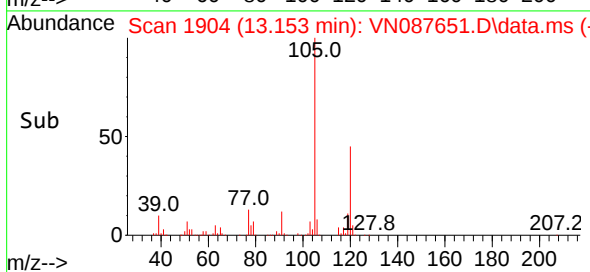
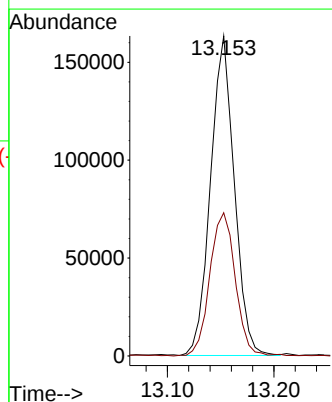
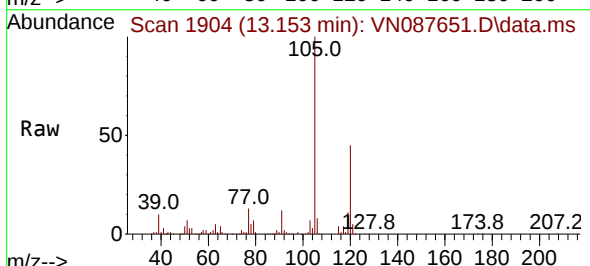
Instrument :
MSVOA_N
ClientSampleId :

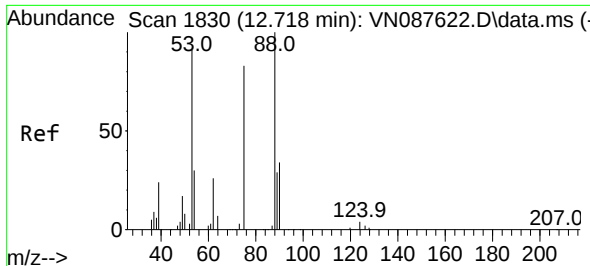
Tgt Ion: 91 Resp: 221341
Ion Ratio Lower Upper
91 100
126 31.2 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 18.097 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 105 Resp: 253186
Ion Ratio Lower Upper
105 100
120 48.2 23.2 69.6

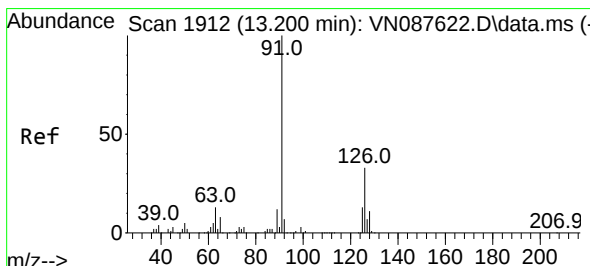
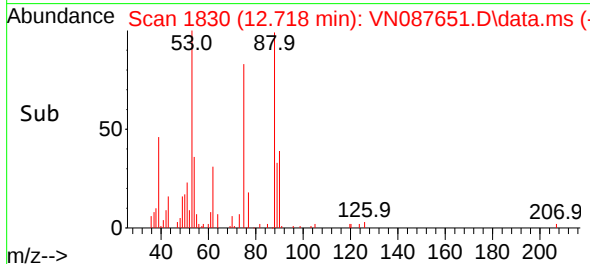
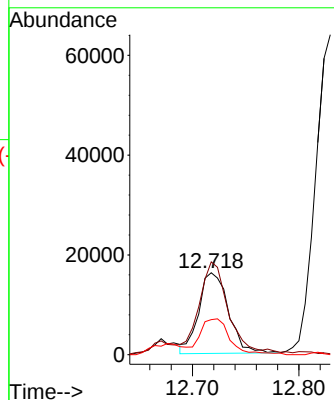
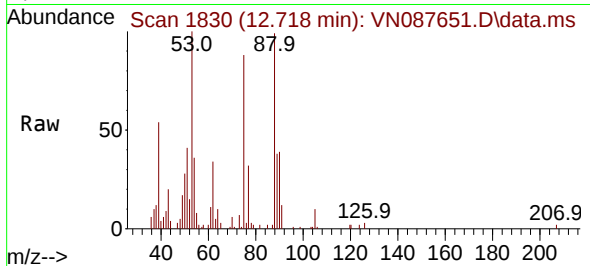




#81
trans-1,4-Dichloro-2-butene
Concen: 17.336 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

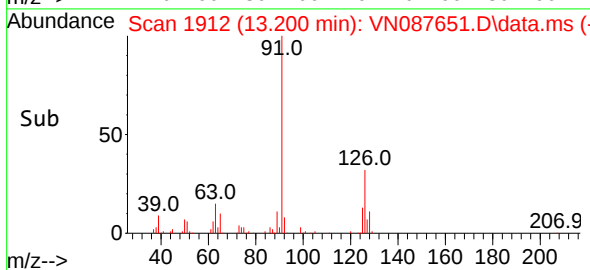
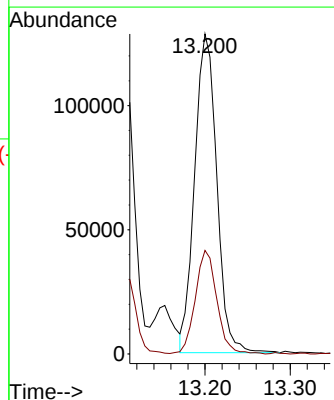
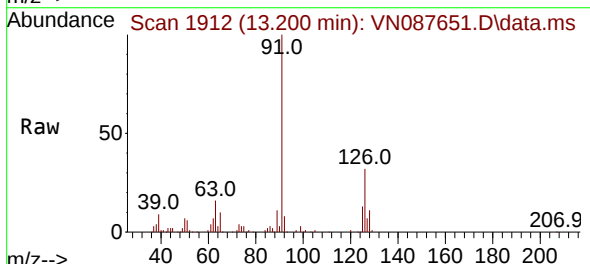
Instrument :
MSVOA_N
ClientSampleId :

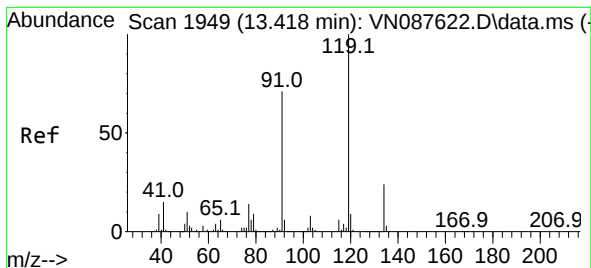
Tgt Ion: 75 Resp: 31340
Ion Ratio Lower Upper
75 100
53 113.0 101.8 152.6
89 44.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 17.984 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion: 91 Resp: 231152
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8





#83

tert-Butylbenzene

Concen: 18.558 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

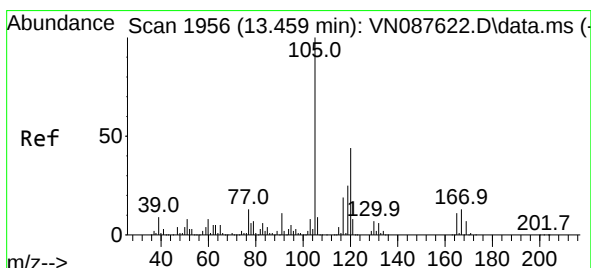
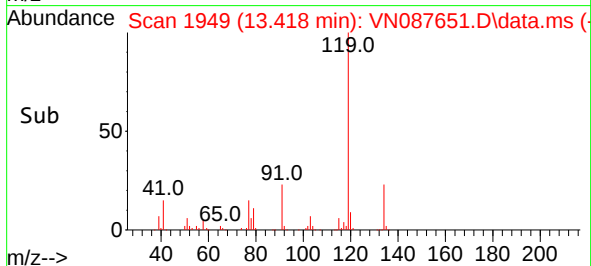
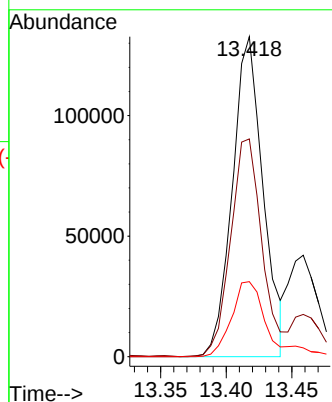
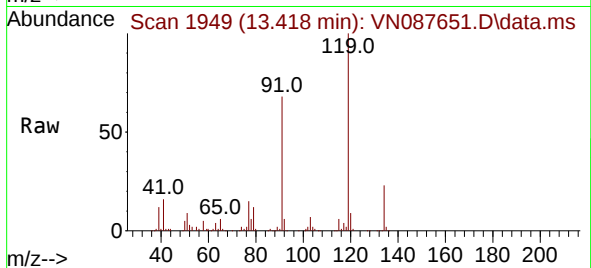
Tgt Ion:119 Resp: 216360

Ion Ratio Lower Upper

119 100

91 70.6 35.0 105.0

134 27.2 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 18.280 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087651.D

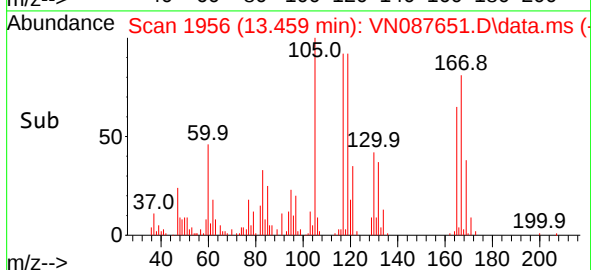
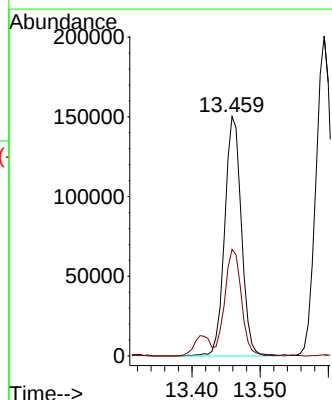
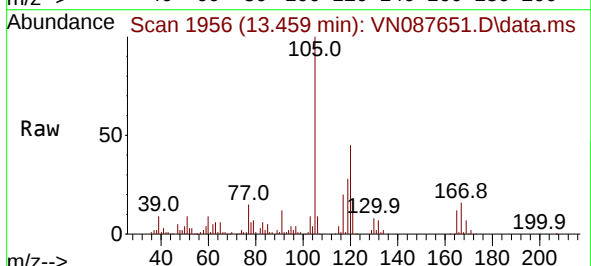
Acq: 25 Aug 2025 12:56

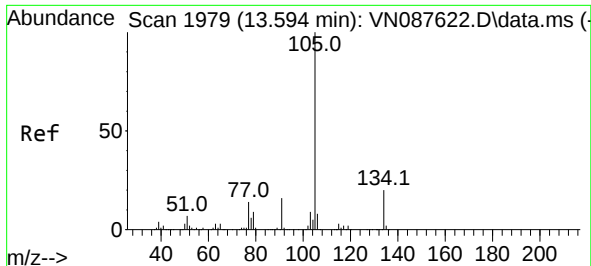
Tgt Ion:105 Resp: 256016

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0

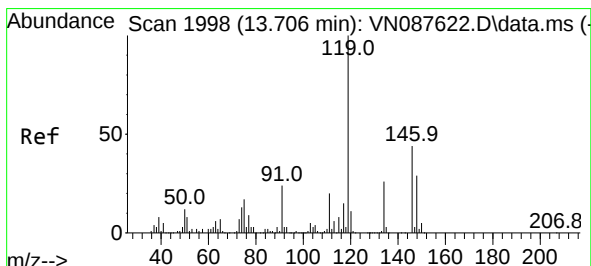
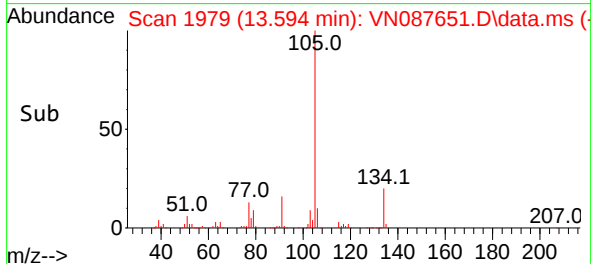
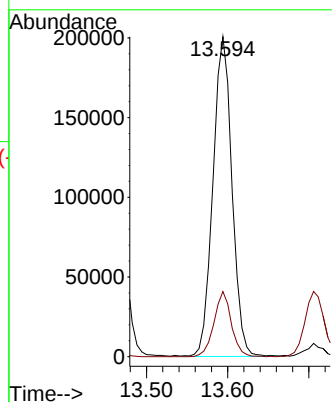
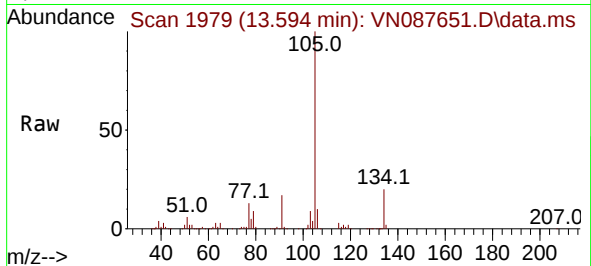




#85
 sec-Butylbenzene
 Concen: 18.914 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

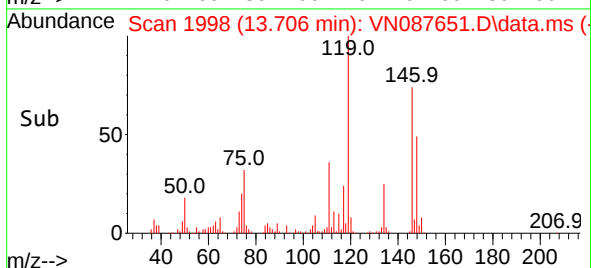
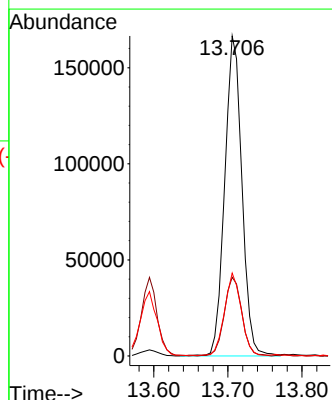
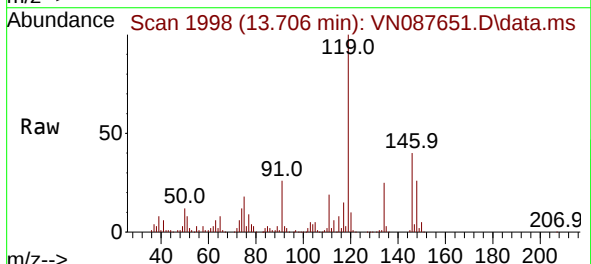
Instrument :
 MSVOA_N
 ClientSampleId :

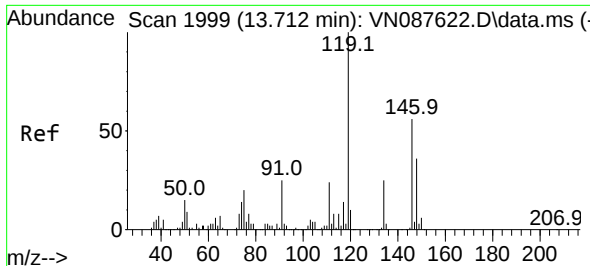
Tgt Ion:105 Resp: 327224
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 18.794 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087651.D
 Acq: 25 Aug 2025 12:56

Tgt Ion:119 Resp: 268502
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.0
 91 24.9 12.5 37.5

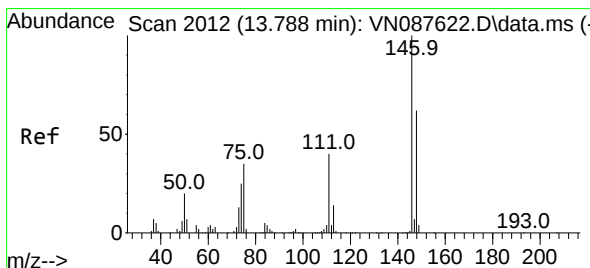
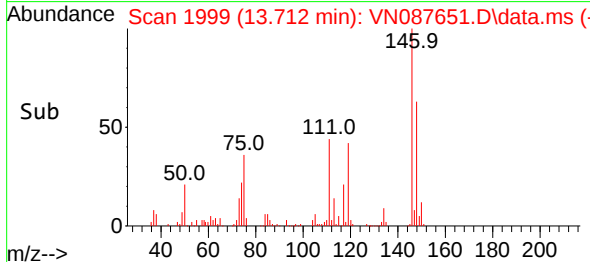
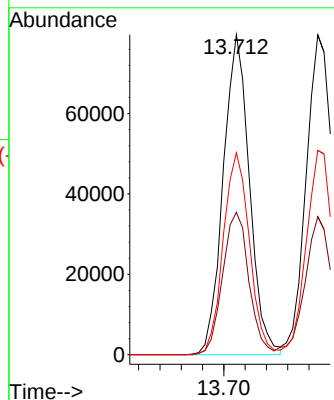
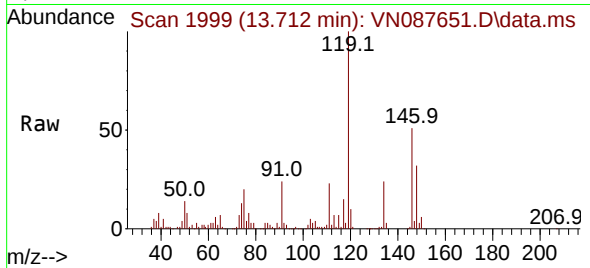




#87
1,3-Dichlorobenzene
Concen: 17.801 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

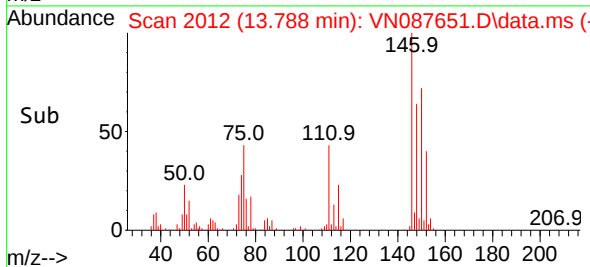
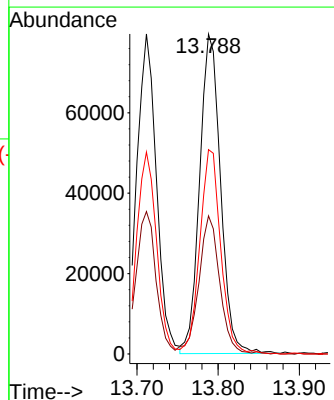
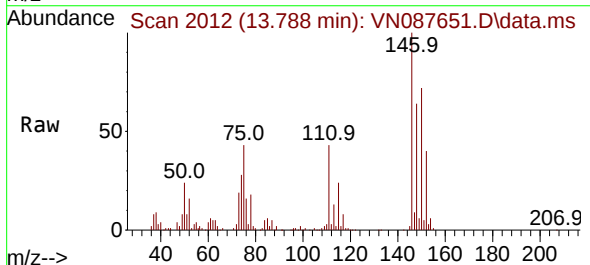
Instrument :
MSVOA_N
ClientSampleId :

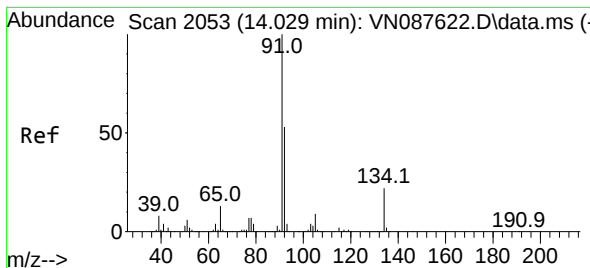
Tgt Ion:146 Resp: 136313
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.5
148 63.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 17.853 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion:146 Resp: 142274
Ion Ratio Lower Upper
146 100
111 42.6 21.0 63.0
148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 18.619 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

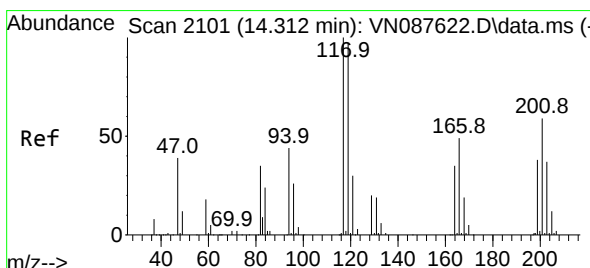
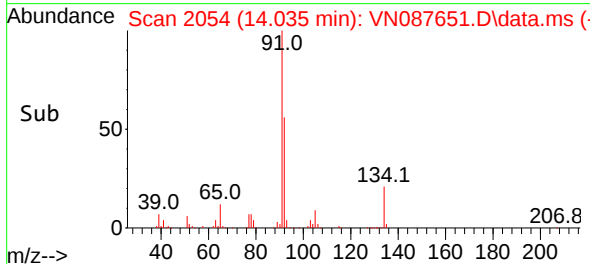
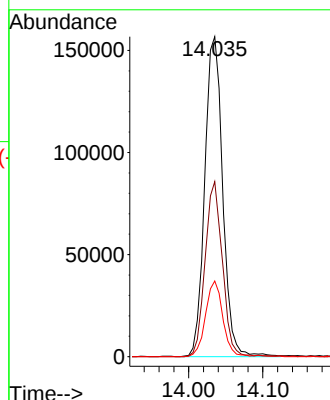
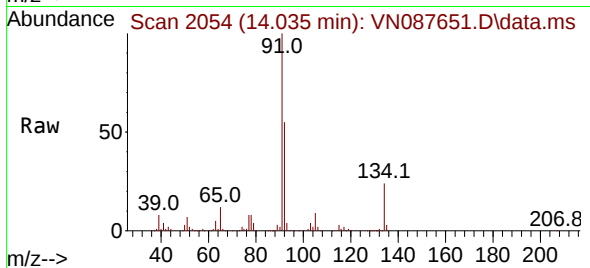
Tgt Ion: 91 Resp: 264177

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

134 22.7 11.7 35.0



#90

Hexachloroethane

Concen: 18.007 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087651.D

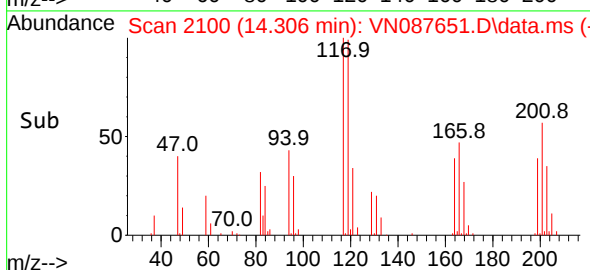
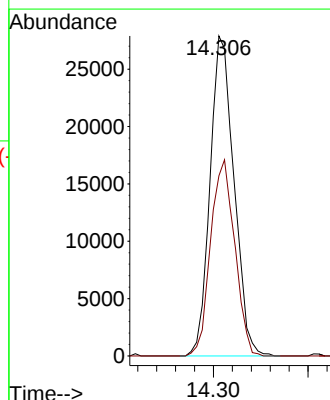
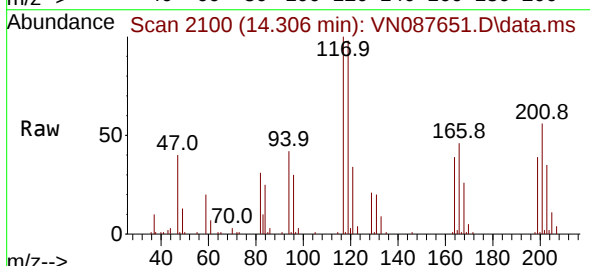
Acq: 25 Aug 2025 12:56

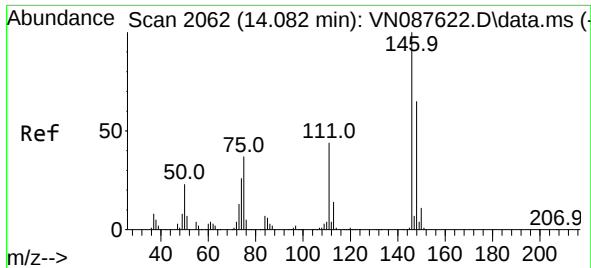
Tgt Ion: 117 Resp: 49011

Ion Ratio Lower Upper

117 100

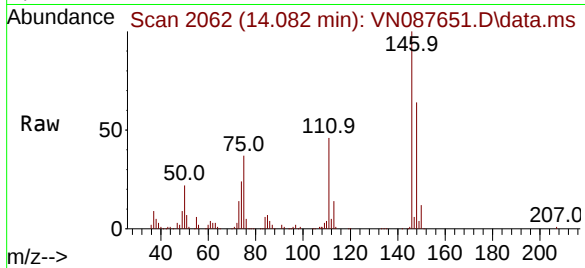
201 61.8 29.1 87.4



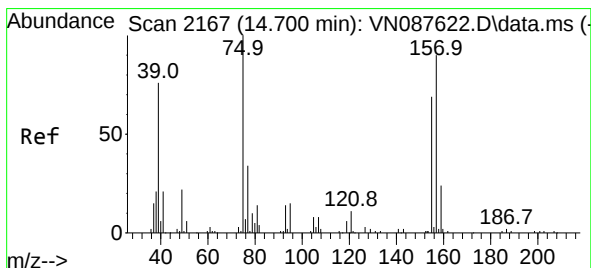
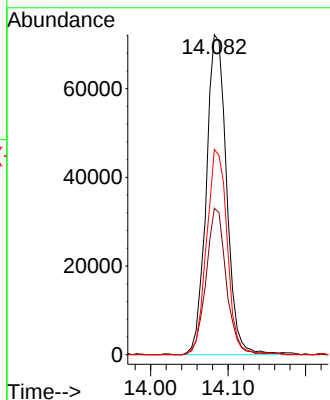
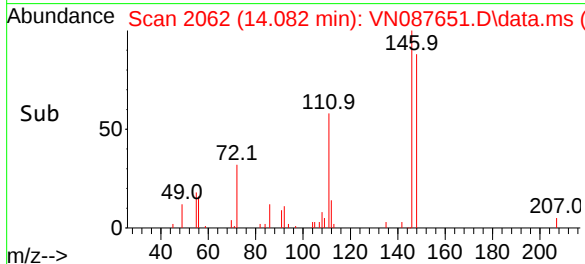


#91
1,2-Dichlorobenzene
Concen: 18.110 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

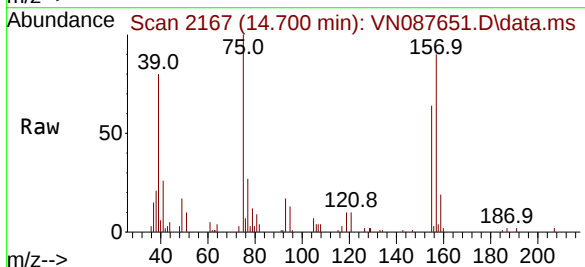
Instrument :
MSVOA_N
ClientSampleId :



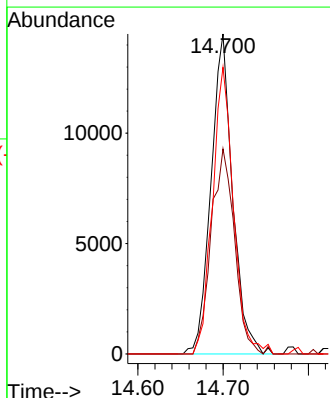
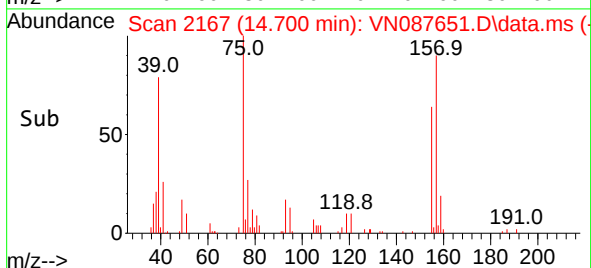
Tgt Ion:146 Resp: 131567
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.8
148 65.2 31.9 95.9

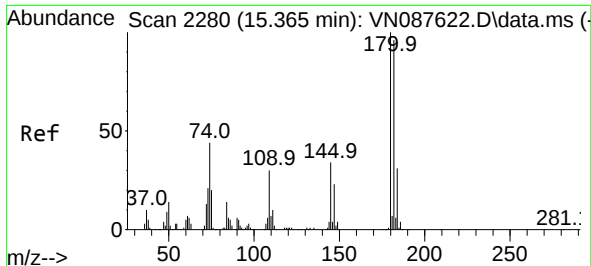


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.968 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56



Tgt Ion: 75 Resp: 25585
Ion Ratio Lower Upper
75 100
155 69.1 36.6 109.9
157 87.3 45.6 136.9

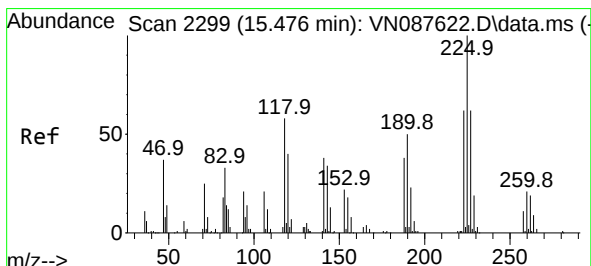
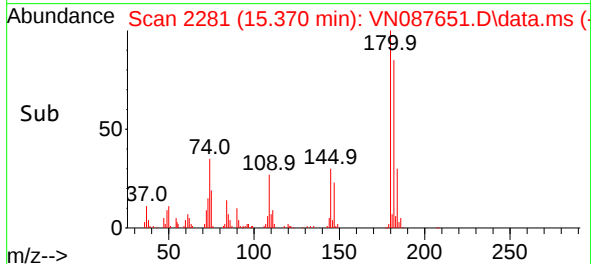
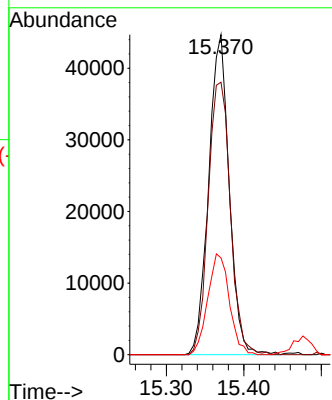
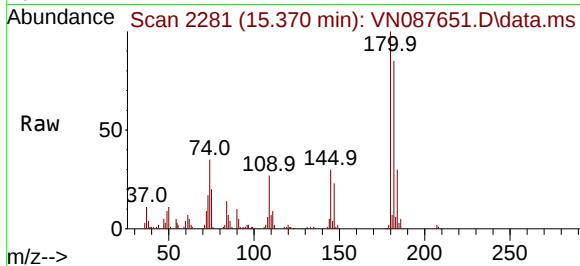




#93
1,2,4-Trichlorobenzene
Concen: 18.900 ug/l
RT: 15.370 min Scan# 2280
Delta R.T. 0.006 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

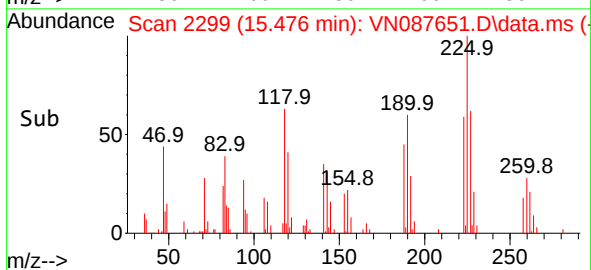
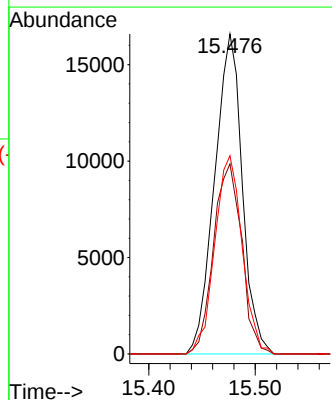
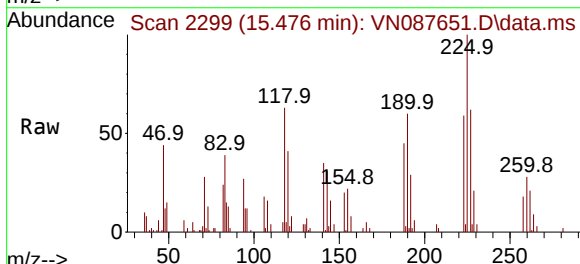
Instrument :
MSVOA_N
ClientSampleId :

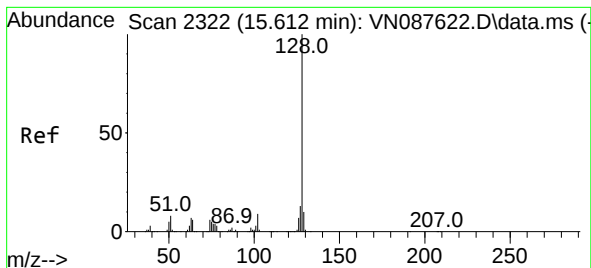
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.6	142.9
145	33.1	16.5	49.5



#94
Hexachlorobutadiene
Concen: 19.208 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087651.D
Acq: 25 Aug 2025 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	32.0	96.2
227	61.5	32.1	96.5





#95

Naphthalene

Concen: 18.098 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

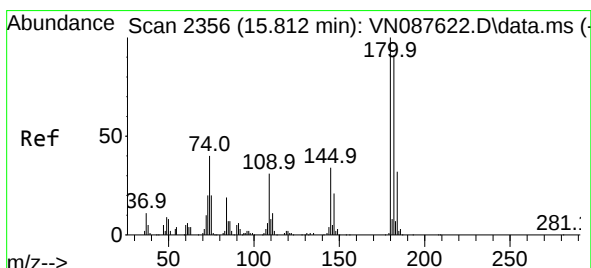
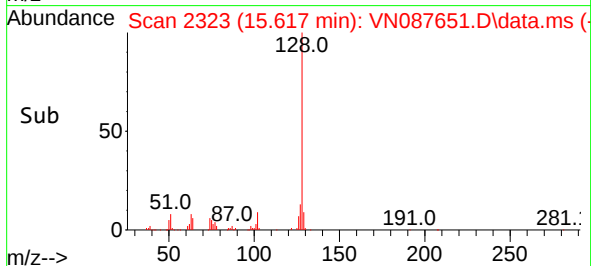
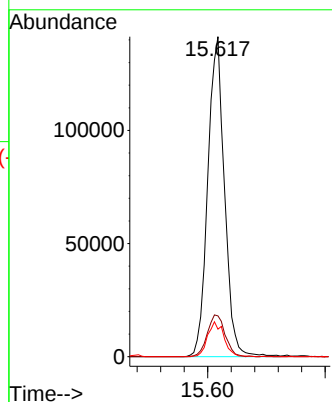
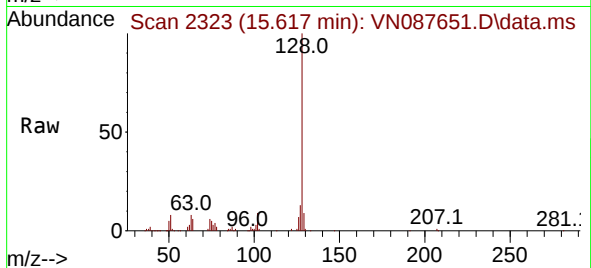
Tgt Ion:128 Resp: 279642

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.984 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087651.D

Acq: 25 Aug 2025 12:56

Tgt Ion:180 Resp: 76698

Ion Ratio Lower Upper

180 100

182 93.1 46.8 140.3

145 35.5 17.3 52.0

